

# **SPICER®**

WEATHERLY INDEX 084

**T210-CM60**

May 1990

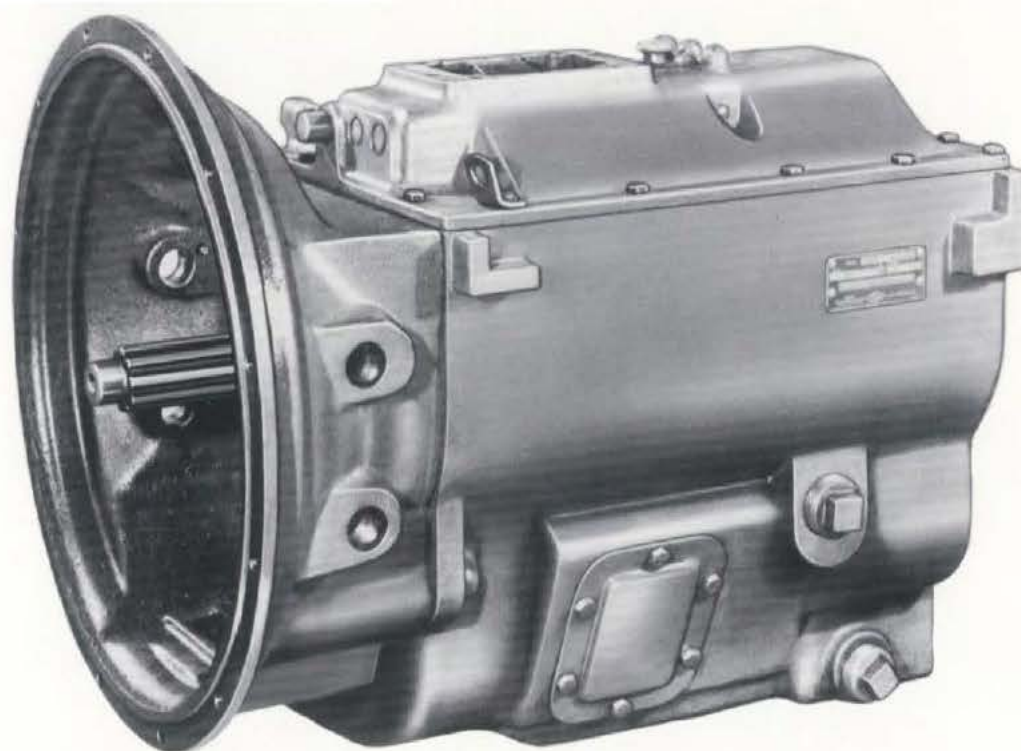
**Supersedes T210-CM60**

Dated April 1980

**CM60 Series**

Main Transmission

Parts List



## **CM60 Series Main Transmission**

For parts or service call us  
Pro Gear & Transmission, Inc.



**1 (877) 776-4600**

**(407) 872-1901**

**parts@eprogear.com**

**906 W. Gore St.**

**Orlando, FL 32805**





# MODEL CM60

## RATIO TABLE and IDENTIFICATION

T210-CM60

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### RATIO TABLE

| MODEL CM60 and CM62 SERIES |        |        |        |        |        |        |        |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|
| SPEEDS                     | MODELS |        |        |        |        |        |        |
|                            | 6052-A | 6052-B | 6052-C | 6052-D | 6252-B | 6253-A | 6253-B |
| 1st                        | 7.28   | 7.28   | 6.68   | 7.28   | 5.06   | 5.70   | 5.06   |
| 2nd                        | 4.09   | 4.38   | 3.52   | 4.09   | 3.05   | 3.00   | 3.05   |
| 3rd                        | 2.41   | 2.71   | 1.97   | 2.28   | 1.78   | 1.78   | 1.78   |
| 4th                        | 1.44   | 1.61   | 1.17   | 1.28   | 1.33   | 1.00   | 1.00   |
| 5th                        | 1.00   | 1.00   | 1.00   | 1.00   | 1.00   | .85    | .69    |
| Rev.                       | 7.28   | 7.28   | 6.68   | 7.28   | 5.06   | 5.70   | 5.06   |

### IDENTIFICATION

The Name Plate (NP-96) affixed to the LEFT side of the Transmission is stamped with information:

SERIAL   
B/M No.  MODEL

In requesting more information on these transmissions, furnish the B/M No. and the Serial Number.

Abbreviations used in this parts list include:

N.S. — Not Shown  
N.S.S. — Not Sold Separately  
N.R. — Not Required  
A.R. — As Required

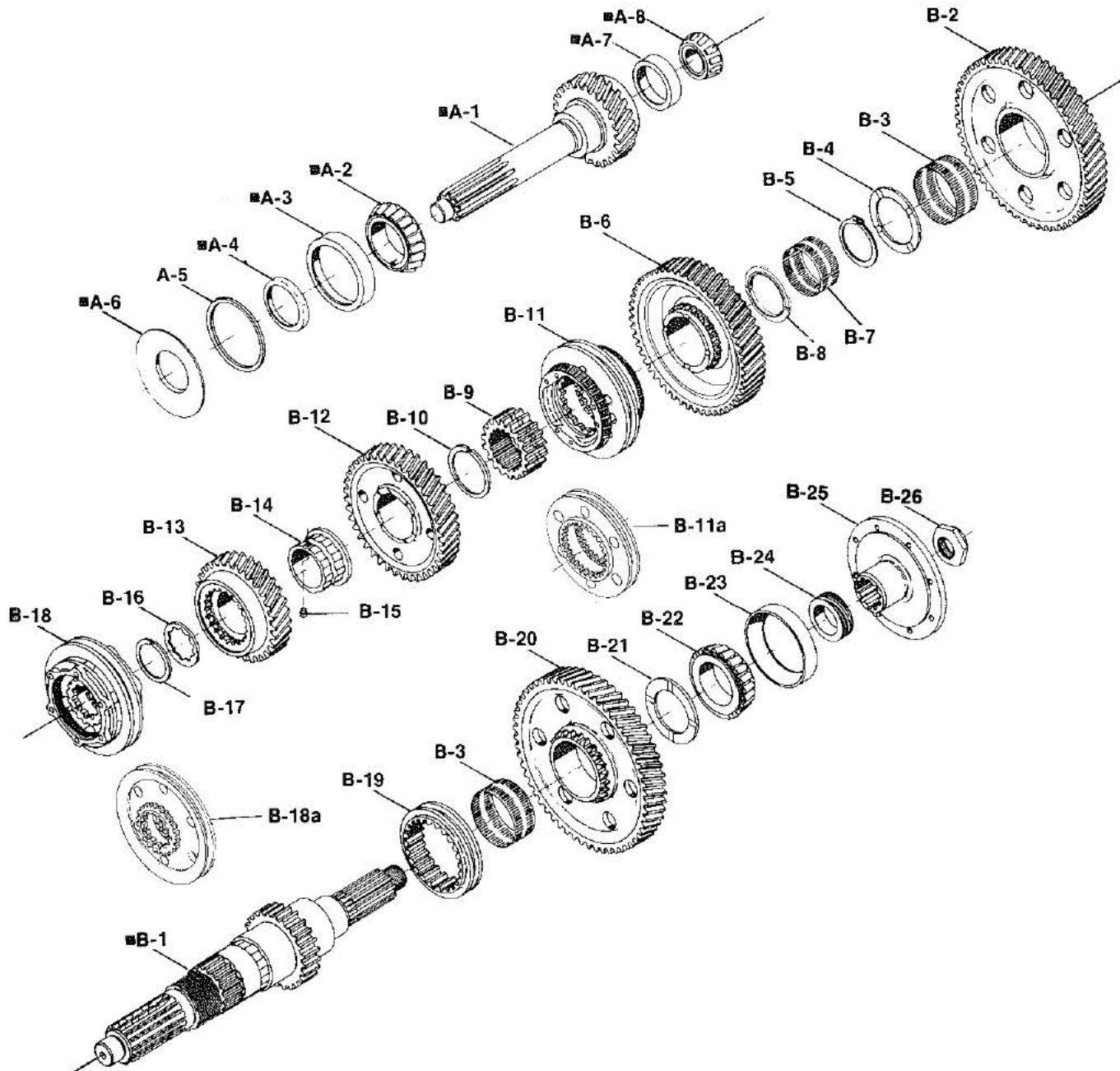
# MODEL CM60

## GEARS and RELATED PARTS

SPICER®



T210-CM60



| Ref. No. | Part Number   | Part Description                            | Qty. |
|----------|---------------|---------------------------------------------|------|
| A-1■     | See Tab Bills | <b>Drive Gear Group—Input</b>               |      |
| A-2■     | 550930        | Gear—Main Drive (see Drive Gear Table Page) | 1    |
| A-3■     | 550929        | Cone—Main Drive Gear Bearing                | 1    |
| N.S.     | 313240-3X     | Cup—Main Drive Gear Bearing                 | 1    |
| A-4■     | 47-468-2*     | Baffle and Shim Kit                         | 1    |
| A-5      | 47-228-2-2*   | Baffle—Oil Ring Drive Gear                  | 1    |
| A-6■     | 47-468-1*     | Spacer/Shim                                 | 1    |
| A-7■     | 550228        | Baffle—Bearing Cap                          | 1    |
| A-8■     | 550183        | Cup Bearing—Drive Gear Pocket               | 1    |
|          |               | Cone Bearing—Drive Gear Pocket              | 1    |

\* Included in 313240-3X Kit.

■ Use 313240-3X Baffle and Shim Kit when any of these parts are replaced, since the end play will be affected. Recommended end play is .003" / .008".  
N.S.—Not Shown

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## GEARS and RELATED PARTS

**T210-CM60**

| Ref. No.                      | Part Number   | Part Description                                                         | Qty. |
|-------------------------------|---------------|--------------------------------------------------------------------------|------|
| <b>Mainshaft Group—Output</b> |               |                                                                          |      |
| B-1 ■                         | 63-362-4      | Mainshaft (overall length 22 9/32") Before S/N—27999647                  | 1    |
| or                            | 63-362-3      | Mainshaft (overall length 22 13/32") (Ford) Before S/N—2799647           | 1    |
| or                            | 63-362-5      | Mainshaft (overall length 22 9/32") Starting & After S/N—2799647         | 1    |
| or                            | 63-362-6      | Mainshaft (overall length 22 13/32") (Ford) Starting & After S/N—2799647 | 1    |
| B-2                           | 63-8-1        | Gear—1st Speed (57T)                                                     | 1    |
| or                            | 63-8-23       | Gear—1st Speed (57T) Special Back Tapered Clutch Teeth                   | 1    |
| B-3                           | 550938        | Bearing—1st and Rev. Gear Needle Assy.                                   | 2    |
| B-4                           | 330884        | Thrust Washer—1st and 2nd Gear                                           | 1    |
| B-5                           | 63-381-1      | Snap Ring                                                                | 1    |
| B-6                           | 63-8-4        | Gear—2nd Speed (47T) 6052A, 6052D Before S/N—2799647                     | 1    |
| or                            | 63-8-15       | Gear—2nd Speed (48T) 6052B, 6252B, 6352B Before S/N—2799647              | 1    |
| or                            | 63-8-16       | Gear—2nd Speed (46T) 6052C, 6253A Before S/N—2799647                     | 1    |
| or                            | 63-8-24       | Gear—2nd Speed (47T) 6052A, 6052D Starting & After S/N—2799647           | 1    |
| or                            | 63-8-26       | Gear—2nd Speed (48T) 6052B, 6252B, 6253B Starting & After S/N—2799647    | 1    |
| or                            | 63-8-25       | Gear—2nd Speed (46T) 6052C, 6253A Starting & After S/N—2799647           | 1    |
| B-7                           | 550983        | Bearing—Split Needle 2nd Speed Gear Starting and After S/N—2799647       | 1    |
| B-8                           | 63-47-1       | Thrust Washer—Split Needle Bearing Starting & After S/N—2799647          | 1    |
| B-9                           | 62-466-14     | Clutch Gear—2nd and 3rd                                                  | 1    |
| B-10                          | 62-381-8      | Snap Ring                                                                | 1    |
| B-11                          | 310227X       | Synchronizer—2nd and 3rd                                                 | 1    |
| or                            | 310795X       | Synchronizer—2nd and 3rd (Special) (Not Synchronized on 2nd)             | 1    |
| B-11a                         | 62-466-17     | Clutch Collar (used in units with no Synchronizers)                      | 1    |
| B-12                          | 63-8-21       | Gear—3rd Speed (40T) 6252B, 6253B                                        | 1    |
| or                            | 62-8-40       | Gear—3rd Speed (39T) 6052A                                               | 1    |
| or                            | 62-8-43       | Gear—3rd Speed (37T) 6052C                                               | 1    |
| or                            | 62-8-66       | Gear—3rd Speed (38T) 6052D, 6253A                                        | 1    |
| or                            | 62-8-82       | Gear—3rd Speed (41T) 6052B                                               | 1    |
| B-13                          | 62-8-42       | Gear—4th Speed (30T) 6052A                                               | 1    |
| or                            | 62-8-49       | Gear—4th Speed (24T) 6253B                                               | 1    |
| or                            | 62-8-50       | Gear—4th Speed (32T) 6052B                                               | 1    |
| or                            | 62-8-51       | Gear—4th Speed (35T) 6252B                                               | 1    |
| or                            | 62-8-68       | Gear—4th Speed (25T) 6253A                                               | 1    |
| or                            | 62-8-78       | Gear—4th Speed (28T) 6052C, 6052D                                        | 1    |
| B-14                          | 62-37-29      | Spacer—Sleeve 4th Gear                                                   | 1    |
| B-15                          | 425-SP        | Pin—Spacer Sleeve                                                        | 1    |
| B-16                          | 1001-W        | Thrust Washer—4th Gear                                                   | 1    |
| B-17                          | 62-381-4      | Snap Ring—4th Speed Thrust Washer                                        | 1    |
| B-18                          | 312766X       | Synchronizer—4th & 5th 6052A, 6052B, 6052C, 6052D, 6253B                 | 1    |
| or                            | 313007X       | Synchronizer—4th & 5th 6252B, 6253A                                      | 1    |
| B-18a                         | 62-466-23     | Clutch Collar—4th & 5th (used in units with no Synchronizers)            | 1    |
| B-19                          | 63-465-4      | Clutch Collar—1st and Reverse                                            | 1    |
| or                            | 63-465-3      | Clutch Collar—1st & Rev. (used in units with Back Tapered Clutch teeth)  | 1    |
| B-20                          | 63-8-3        | Gear—Reverse (57T)                                                       | 1    |
| or                            | 63-8-22       | Gear—Reverse (57T) Special with Back Tapered Clutch Teeth                | 1    |
| B-21                          | 330871        | Thrust Washer                                                            | 1    |
| B-22                          | 550612        | Cone—Mainshaft Rear                                                      | 1    |
| B-23                          | 550929        | Cup—Mainshaft Rear                                                       | 1    |
| B-24                          | See Tab Bills | Speedometer Drive Gear                                                   | 1    |
| or                            | 62-37-22      | Spacer—used in place of Speedometer Drive Gear                           | 1    |
| B-25                          | See Tab Bills | Flange or Yoke—U-Joint                                                   | 1    |
| B-26                          | 500898        | Nut—1 1/4"-18 Hex Head Self-locking                                      | 1    |

■ Use 313240-3X Baffle and Shim Kit when any of these parts are replaced,

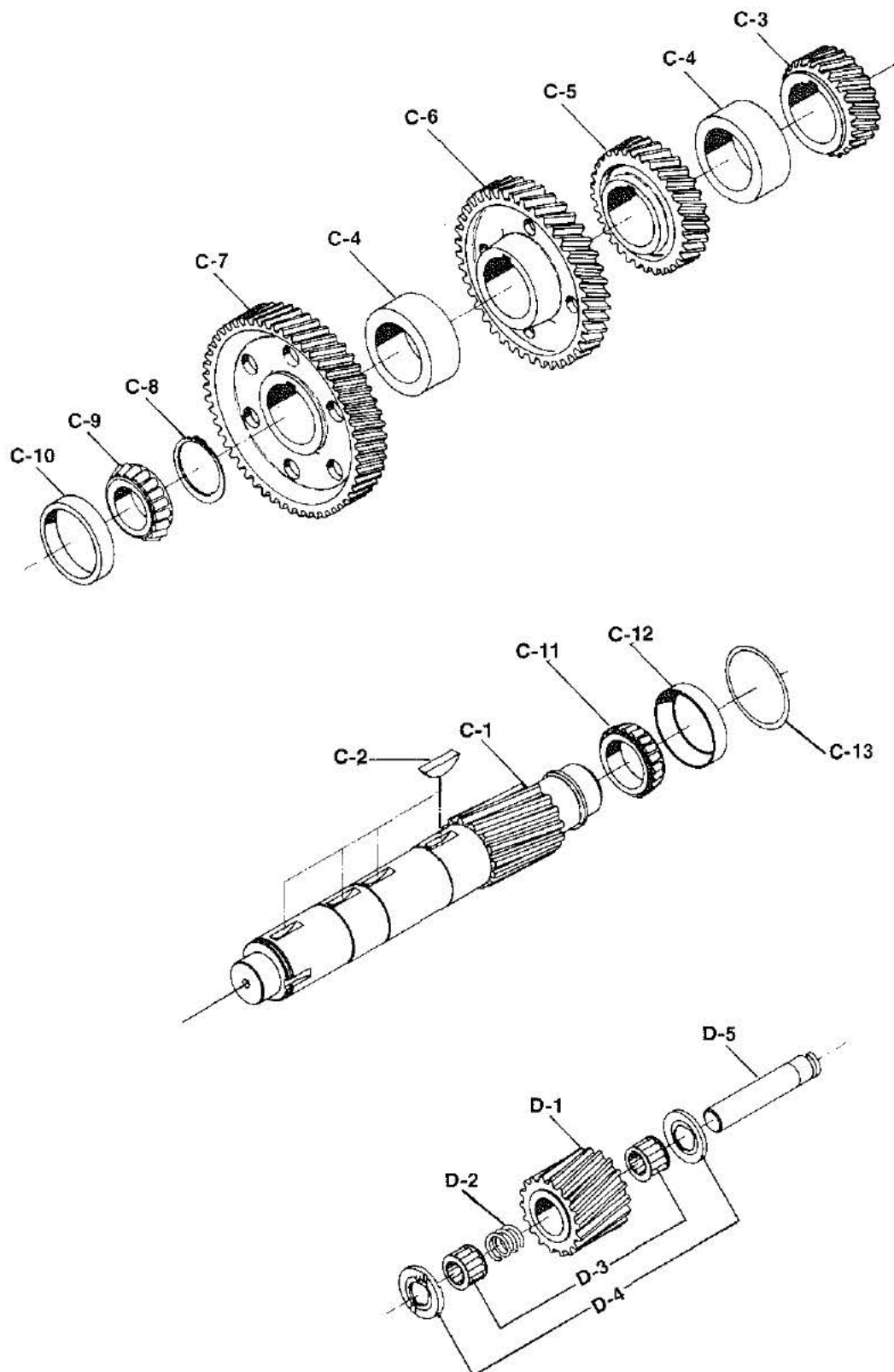
since the end play will be affected. Recommended end play is .003"/.008".

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# MODEL CM60

## GEARS and RELATED PARTS

SPICER®





# MODEL CM60

## GEARS and RELATED PARTS

**T210-CM60**

| Ref. No. | Part Number | Part Description                                      | Qty. |
|----------|-------------|-------------------------------------------------------|------|
|          |             | <b>Countershaft Group</b>                             |      |
| C-1      | 63-30-1     | Countershaft (15T) .....                              | 1    |
| C-2      | 500010-8    | Woodruff Key .....                                    | 4    |
| C-3      | 63-196-1    | Gear—2nd Speed (22T) 6052A,6052D .....                | 1    |
| or       | 63-196-14   | Gear—2nd Speed (21T) 6052B,6252B,6253B .....          | 1    |
| or       | 63-196-16   | Gear—2nd Speed (23T) 6052C,6253A .....                | 1    |
| C-4      | 63-37-1     | Spacer—2nd, 3rd, 4th and 5th Speeds .....             | 2    |
| C-5      | 55-196-33   | Gear—3rd Speed (31T) 6052A .....                      | 1    |
| or       | 62-196-54   | Gear—3rd Speed (29T) 6052B .....                      | 1    |
| or       | 62-196-31   | Gear—3rd Speed (33T) 6052C .....                      | 1    |
| or       | 62-196-43   | Gear—3rd Speed (32T) 6253A,6052D .....                | 1    |
| or       | 62-196-35   | Gear—3rd Speed (30T) 6252B,6253B .....                | 1    |
| C-6      | 62-196-29   | Gear—4th Speed (40T) 6052A .....                      | 1    |
| or       | 62-196-15   | Gear—4th Speed (38T) 6052B .....                      | 1    |
| or       | 62-196-52   | Gear—4th Speed (42T) 6052C,6052D .....                | 1    |
| or       | 63-196-18   | Gear—4th Speed (46T) 6253B .....                      | 1    |
| or       | 63-196-19   | Gear—4th Speed (44T) 6253A .....                      | 1    |
| or       | 63-196-24   | Gear—4th Speed (35T) 6252B .....                      | 1    |
| C-7      | 63-1-1      | Gear—Countershaft Drive (46T) 6052A,6052B,6052D ..... | 1    |
| or       | 63-1-3      | Gear—Countershaft Drive (44T) 6052C .....             | 1    |
| or       | 63-1-4      | Gear—Countershaft Drive (42T) 6253A .....             | 1    |
| or       | 63-1-6      | Gear—Countershaft Drive (40T) 6253B .....             | 1    |
| C-8      | 70-381-6    | Snap Ring—Countershaft Drive Gear .....               | 1    |
| C-9      | 550934      | Cone—Front Bearing .....                              | 1    |
| C-10     | 550933      | Cup—Front Bearing .....                               | 1    |
| C-11     | 550936      | Cone—Taper Rear Bearing .....                         | 1    |
| C-12     | 550935      | Cup—Taper Rear Bearing .....                          | 1    |
| C-13     | 313439X     | Shim Kit to Adjust Countershaft End Play .....        | 1    |
|          |             | <b>Reverse Idler Group</b>                            |      |
| D-1      | 63-5-1      | Gear—Reverse Idler .....                              | 1    |
| D-2      | 97-37-1     | Bearing Spacer .....                                  | 1    |
| D-3      | 550886      | Bearing—Roller Assy. ....                             | 2    |
| D-4      | 974-W       | Thrust Washer .....                                   | 2    |
| D-5      | 63-60-1     | Shaft—Reverse Idler .....                             | 1    |

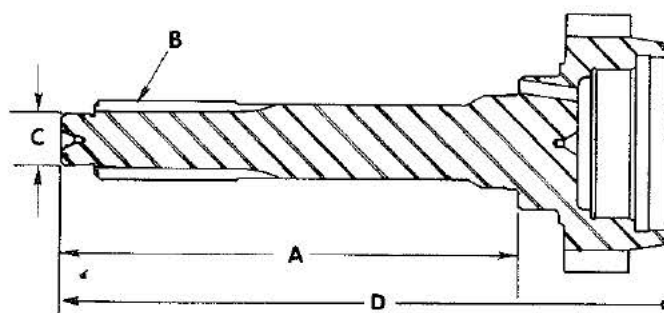
Listed below are Service Kits used to upgrade any CM-60 Transmission built before Serial No. 2799647. Kits include (1) 550983 Split Needle Bearing, (1) 63-47-1 Split Thrust Washer, (1) 2812 Bulletin and (1) each 2nd Speed Mainshaft Gear and Mainshaft as shown for the respective Models. These Kits are not included in the Overhaul Kits.

|         |                                     |                                      |   |
|---------|-------------------------------------|--------------------------------------|---|
| 313597X | CM6052-A & D                        | 63-8-24 2nd Gear, 63-362-5 Mainshaft | 1 |
| 313598X | CM6052-A & D (Ford M/S)             | 63-8-24 2nd Gear, 63-362-6 Mainshaft | 1 |
| 313599X | CM6052-C                            | 63-8-25 2nd Gear, 63-362-5 Mainshaft | 1 |
| 313602X | CM6052-C (Ford M/S)                 | 63-8-25 2nd Gear, 63-362-6 Mainshaft | 1 |
| 313603X | CM6052-B, 6252-B, 6253-B            | 63-8-26 2nd Gear, 63-362-5 Mainshaft | 1 |
| 313604X | CM6052-B, 6252-B, 6253-B (Ford M/S) | 63-8-26 2nd Gear, 63-362-6 Mainshaft | 1 |

# MODEL CM60

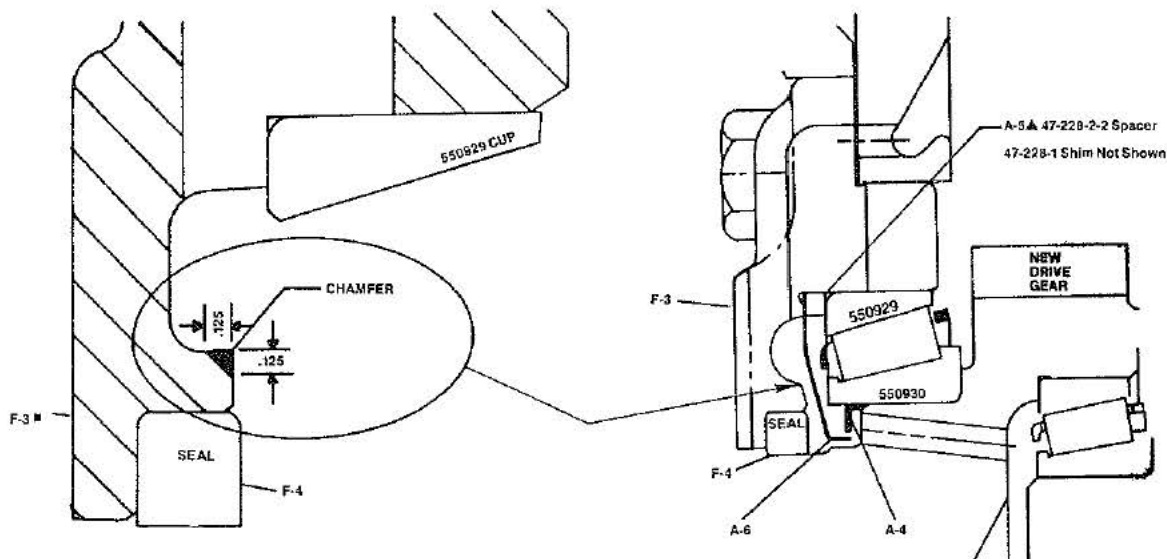
## DRIVE GEAR TABLE

SPICER®



| Teeth | "D" Overall Length | A Length | B Spline Dia. Teeth | C-Pilot Size | Drive Gear Part No. | Old Superseded Part No. |
|-------|--------------------|----------|---------------------|--------------|---------------------|-------------------------|
| 24    | 12 15/32"          | 9.425"   | 1 1/2"-10           | .983"        | 63-35-48-1X*        | 63-35-14                |
| 24    | 13 13/32"          | 10.362"  | 1 1/2"-10           | .983"        | 63-35-37-1X*        | 63-35-15                |
| 24    | 11 31/32"          | 8.925"   | 1 1/2"-10           | .983"        | 63-35-45-1X*        | 63-35-3                 |
| 24    | 12 15/16"          | 9.896"   | 1 1/2"-10           | .983"        | 63-35-38-1X*        | 63-35-18                |
| 24    | 12 15/16"          | 9.896"   | 1 3/4"-10           | 1.180"       | 63-35-47-1X*        | 63-35-13                |
| 24    | 11 31/32"          | 8.925"   | 1 3/4"-10           | .983"        | 63-35-53-1X*        | 63-35-30                |
| 24    | 13 13/32"          | 10.362"  | 1 3/4"-10           | 1.180"       | 63-35-34-1X*        | 63-35-1                 |
| 24    | 13 13/32"          | 10.362"  | 1 3/4"-10           | .983"        | 63-35-57-1X*        | 63-35-55                |
| 25    | 12 15/32"          | 9.425"   | 1 1/2"-10           | .983"        | 63-35-49-1X*        | 63-35-21                |
| 25    | 13 13/32"          | 10.362"  | 1 1/2"-10           | .983"        | 63-35-39-1X*        | 63-35-23                |
| 25    | 12 15/16"          | 9.896"   | 1 1/2"-10           | .983"        | 63-35-40-1X*        | 63-35-24                |
| 25    | 12 15/16"          | 9.896"   | 1 3/4"-10           | 1.180"       | 63-35-52-1X*        | 63-35-29                |
| 25    | 13 13/32"          | 10.362"  | 1 3/4"-10           | 1.180"       | 63-35-46-1X*        | 63-35-8                 |
| 25    | 13 13/32"          | 10.362"  | 1 3/4"-10           | .983"        | 63-35-56-1X*        | 63-35-54                |
| 28    | 12 15/16"          | 9.896"   | 1 3/4"-10           | 1.180"       | 63-35-50-1X*        | 63-35-25                |
| 28    | 13 13/32"          | 10.362"  | 1 3/4"-10           | 1.180"       | 63-35-35-1X*        | 63-35-10                |
| 30    | 13 13/32"          | 10.362"  | 1 3/4"-10           | 1.180"       | 63-35-36-1X*        | 63-35-12                |

\* Includes Drive Gear and 313240-3X Baffle & Shim Kit.



■ NOTE: old bearing caps have to be modified, when used with NEW DRIVE GEAR as shown in illustration above.  
 ▲ Use 313240-3X Spacer/Shim Kit, recommended end play is .003" / .008".

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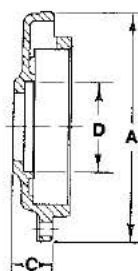
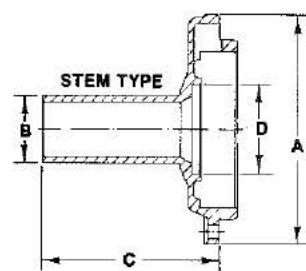
## REAR BEARING CAP and DRIVE GEAR BEARING CAP CHARTS

**T210-CM60**
**REAR BEARING CAP CHART**
**BEARING CAP ASSEMBLY INCLUDES** See page 10 for items H-4, H-5, H-3, H-6

| Service Part Number          | Oil Seal H-4 | Casting Number | Speedometer Bushing H-5 | Page 10 Gasket H-3 | Screws H-6                       | Qty.              | Brake Type |
|------------------------------|--------------|----------------|-------------------------|--------------------|----------------------------------|-------------------|------------|
| 63-19-6-2X                   | 60-463-8     | C63-19-7       | 60-475-1                | 63-223-3           | 545001-1                         | (4)               | —          |
| 63-19-8-2X                   | 60-463-8     | C63-19-9       | 30-475-1                | 63-223-6           | { 545001-1<br>545008-1           | (4)<br>(2)        | DCM        |
| 63-19-10-2X                  | 60-463-8     | C63-19-4       | 30-475-1                | 63-223-3           | 545001-1                         | (4)               | —          |
| 63-19-27-2X                  | 60-463-8     | C63-19-7       | 60-475-1                | 63-223-3           | { 545001-1<br>545001-7           | (3)<br>(1)        | —          |
| 63-19-33-2X                  | 63-463-1     | C63-19-35      | —                       | 63-223-7           | 545001-1                         | (6)               | 12" x 4"   |
| 63-19-37-2X                  | 71-463-12    | C63-19-29      | 60-475-1                | 63-223-6           | { 545001-1<br>545008-1<br>545008 | (4)<br>(1)<br>(1) | —          |
| 63-19-38-2X }<br>BSSN2816795 | 63-463-1     | C63-19-39      | —                       | 63-223-7           | 545001-1                         | (6)               | —          |
| 63-19-38-1X }<br>ASSN2216795 | 63-463-1     | C63-19-39      | —                       | 63-223-7           | 545001-1                         | (6)               | —          |
| 63-19-40-2X                  | 60-463-8     | C63-19-41      | —                       | 63-223-3           | { 545001-1<br>545008-1           | (4)<br>(2)        | DCM        |
| 63-19-42-2X                  | 60-463-8     | C63-19-43      | —                       | 63-223-6           | 545001-1                         | (4)               | —          |

**FRONT BEARING CAP**

| Old           | New           |
|---------------|---------------|
| 63-19-1-1X    | 63-19-36-1X   |
| 63-19-19-1X   | 63-19-36-1X   |
| 63-19-4-1X    | 63-19-22-1X   |
| 63-19-12-1X   | 63-19-20-1X   |
| 63-19-15-1X   | 63-19-21-1X   |
| 63-19-17-2-1X | 63-19-30-2-1X |
| 63-19-17-3-1X | 63-19-30-3-1X |
| 63-19-23-1X   | 63-19-31-1X   |

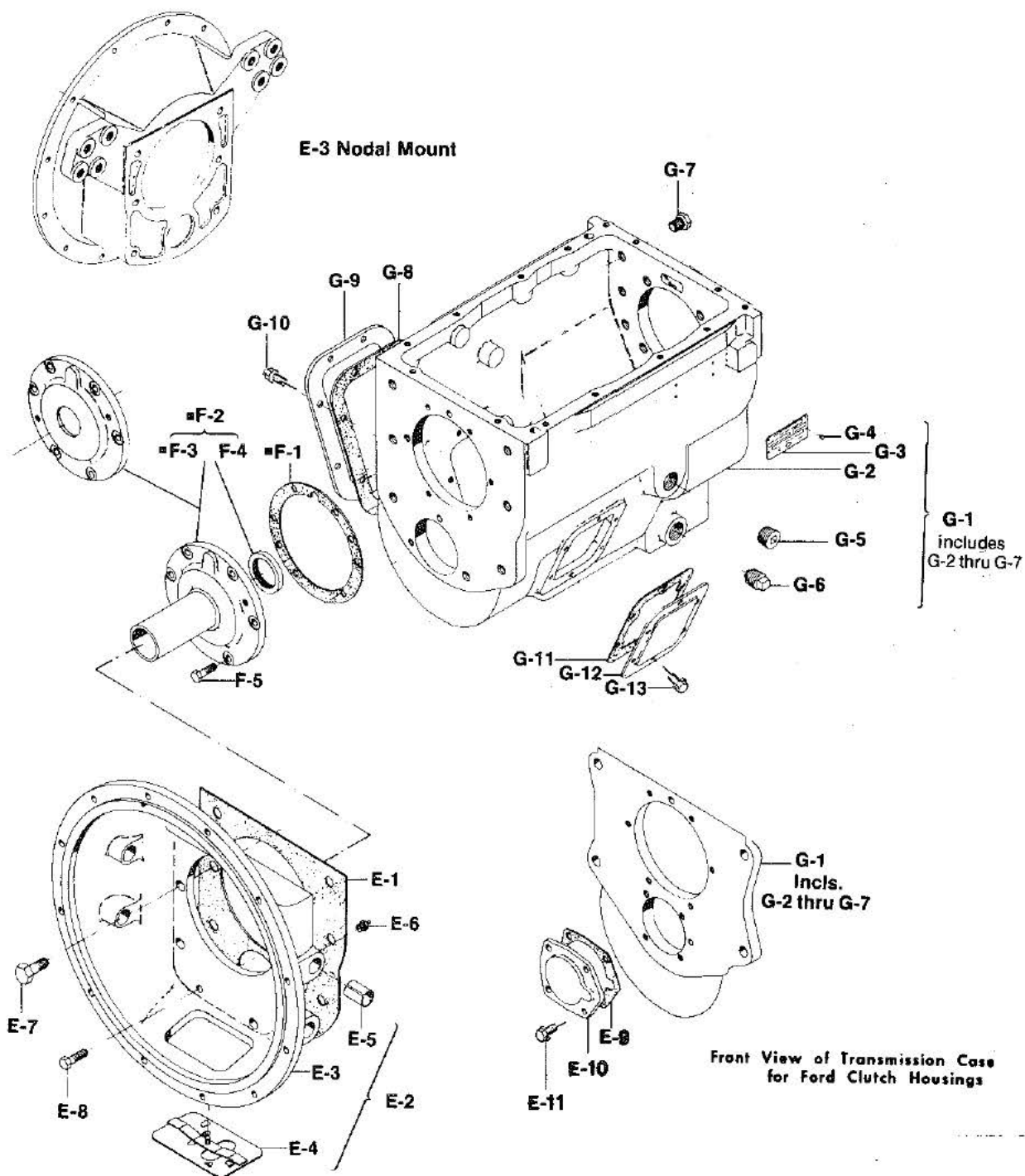

**FLAT TYPE**

**STEM TYPE**

NOTE: old bearing caps have to be modified, when used with NEW DRIVE GEAR as shown in illustration page 6.

**FRONT BEARING CAP CHART**

| A<br><br>Outside<br>Diameter | B<br><br>Stem<br>Diameter | C<br><br>Length | D<br><br>Oil Seal<br>Bore<br>Diameter | FRONT BEARING CAP |                                      |
|------------------------------|---------------------------|-----------------|---------------------------------------|-------------------|--------------------------------------|
|                              |                           |                 |                                       | Casting<br>Number | Assembly<br>Includes<br>Oil Seal F-2 |
| FLAT TYPE .....              |                           |                 |                                       | PULL TYPE RELEASE |                                      |
| 7 5/8"                       | —                         | 15 1/16"        | 2 1/2"                                | C63-19-2-1        | 63-19-36-1X                          |
| STEM TYPE .....              |                           |                 |                                       | PUSH TYPE RELEASE |                                      |
| 7 7/32"                      | 1 15/16"                  | 6 7/32"         | 2 1/2"                                | C63-19-13         | 63-19-20-1X                          |
| 7 5/8"                       | 1 15/16"                  | 6 7/32"         | 2 1/2"                                | C63-19-16         | 63-19-21-1X                          |
| 7 5/8"                       | 1 7/8"                    | 5 29/32"        | 2 1/2"                                | C63-19-5          | 63-19-22-1X                          |
| 7 5/8"                       | 2 1/4"                    | 5 27/32"        | 2 1/2"                                | C63-19-18         | 63-19-30-2-1X                        |
| 7 5/8"                       | 2 1/4"                    | 6 13/32"        | 2 1/2"                                | C63-19-18         | 63-19-30-3-1X                        |
| 7 5/8"                       | 1 7/8"                    | 5 3/8"          | 2 1/2"                                | C63-19-5          | 63-19-31-1X                          |

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



■ Use 313420-3X Baffle and Shim Kit when any of these parts are replaced since the end play will be affected. The recommended end play is .003"/.008".



# MODEL CM60

## CASE GROUP and RELATED PARTS

**T210-CM60**

| Ref. No.                                                           | Part Number   | Part Description                                                     | Qty. |
|--------------------------------------------------------------------|---------------|----------------------------------------------------------------------|------|
| <b>Drive Gear Bearing Cap Group</b>                                |               |                                                                      |      |
| F-1 ■                                                              | 63-223-2      | Gasket . . . . .                                                     | 1    |
| or                                                                 | 63-223-4      | Gasket (Ford) . . . . .                                              | 1    |
| F-2 ■                                                              | See Tab Bills | Bearing Cap and Oil Seal Assy. (includes F-3 & F-4) . . . . .        | 1    |
| F-3 ■                                                              | N.S.S.        | Bearing Cap . . . . .                                                | 1    |
| F-4 ■                                                              | 60-463-10-1X  | Oil Seal (includes installation sleeves) . . . . .                   | 1    |
| F-5                                                                | 545002-4      | Bolt—3/8"-16 x 1 1/8" Hex Head Self-locking . . . . .                | 6    |
| <b>Clutch Housing Group</b>                                        |               |                                                                      |      |
| E-1                                                                | 63-352-2      | Gasket—Clutch Housing . . . . .                                      | 1    |
| E-2                                                                | See Tab Bills | Clutch Housing Assy. (includes E-3 thru E-5) . . . . .               | 1    |
| E-3                                                                | N.S.S.        | Clutch Housing (see Clutch Housing table Page) . . . . .             | 1    |
| E-4                                                                | 46-96-2-1X    | Hand Hole Cover Assy. . . . .                                        | 1    |
| E-5                                                                | 128C-20       | Bushing—Clutch Release . . . . .                                     | 4    |
| E-6                                                                | 500169-5      | Zerk Fitting—Grease . . . . .                                        | 2    |
| E-7                                                                | 545008        | Bolt—5/8"-11 x 1 1/4" Hex Head Self-locking . . . . .                | 7    |
| or                                                                 | 545008-3      | Bolt—5/8"-11 x 1 3/4" Hex Head Self-locking (Ford Case Dana front) . | 7    |
| E-8                                                                | 545028        | Bolt—7/16"-14 x 1 1/4" Hex Head Self-locking . . . . .               | 1    |
| or                                                                 | 545028-1      | Bolt—7/16"-14 x 1 5/8" Hex Head Self-locking (Ford Case Dana front)  | 1    |
| <b>Countershaft Front Bearing Cap (Ford Case with Apron Front)</b> |               |                                                                      |      |
| E-9                                                                | 63-223-5      | Gasket . . . . .                                                     | 1    |
| E-10                                                               | 63-22-2       | Bearing Cap . . . . .                                                | 1    |
| E-11                                                               | 330800        | Bolt—3/8"-16 x 3/4" Hex Head Self-locking . . . . .                  | 4    |
| <b>Case Group</b>                                                  |               |                                                                      |      |
| G-1                                                                | See Tab Bills | Case Assembly—(Includes G-2 thru G-7) . . . . .                      | 1    |
| G-2                                                                | N.S.S.        | Case (C63-15-2-1 63-15-1-1X)(C63-15-12 63-15-11-1X) . . . . .        | 1    |
|                                                                    |               | (C63-15-6-1 63-15-15-1X)                                             |      |
| G-3                                                                | NP-96         | Nameplate . . . . .                                                  | 1    |
| G-4                                                                | 252-SP        | Pins—Nameplate . . . . .                                             | 4    |
| N.S.                                                               | NP-196        | Patent Plate . . . . .                                               | 1    |
| G-5                                                                | 500100        | Plug—Filler . . . . .                                                | 1    |
| G-6                                                                | 62-39-3       | Drain Plug—Magnetic Square Head (63-15-1-1X) . . . . .               | 1    |
| or                                                                 | 62-39-4       | Drain Plug—Magnetic Recessed Head (63-15-11-1X 63-15-15-1X) . .      | 1    |
| G-7                                                                | 266-D         | Plug—5/8"-11 x 7/16" Hex Head . . . . .                              | 3or5 |
| G-8                                                                | 97-324-2      | Gasket—PTO Aperture (8 bolt) . . . . .                               | 1    |
| G-9                                                                | 73-267-1      | Cover—PTO Aperture (8 bolt) . . . . .                                | 1    |
| G-10                                                               | 545012        | Bolt—7/16"-14 x 3/4" Flanged Hex Head Self-locking . . . . .         | 8    |
| G-11                                                               | 97-324-1      | Gasket—PTO Aperture (6 bolt) . . . . .                               | 1    |
| G-12                                                               | 50-267-2      | Cover—PTO Aperture (6 bolt) . . . . .                                | 1    |
| G-13                                                               | 330800        | Bolt—3/8"-16 x 3/4" Hex Head Self-locking . . . . .                  | 6    |

■ Use 313240-3X Baffle and Shim Kit when any of these parts are replaced,  
since the end play will be affected. Recommended end play is .003"/.008".  
N.S.S.—Not Sold Separately.  
N.S.—Not Shown

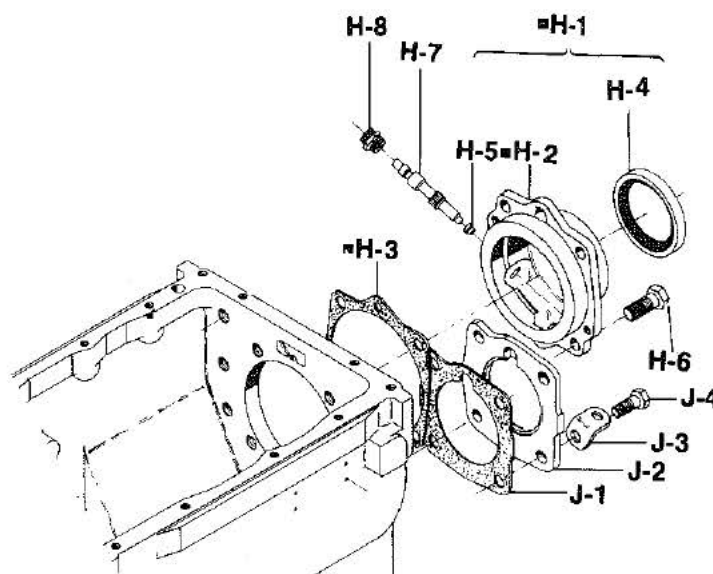
# MODEL CM60

**SPICER®**



T210-CM60

REAR, BEARING CAP GROUP and RELATED PARTS



| Ref. No.                                   | Part Number   | Part Description                                       | Qty. |
|--------------------------------------------|---------------|--------------------------------------------------------|------|
| <b>Mainshaft Rear Bearing Cap Group</b>    |               |                                                        |      |
| H-1 ■                                      | See Tab Bills | Cap Assy.—Rear Bearing                                 | 1    |
| H-2 ■                                      | N.S.S.        | Cap—Rear Bearing (See table page 7)                    | 1    |
| H-3 ■                                      | 63-223-3      | Gasket                                                 | 1    |
| or                                         | 63-223-6      | Gasket—(used with Brake mounting)                      | 1    |
| or                                         | 63-223-7      | Gasket—(for Electronic Speedo Cap for Ford)            | 1    |
| H-4                                        | 63-463-1      | Oil Seal—(Ford only)                                   | 1    |
| or                                         | 60-463-8      | Oil Seal—(3.756" O.D.)                                 | 1    |
| or                                         | 71-463-12     | Oil Seal—(3.543" O.D.)                                 | 1    |
| H-5                                        | 60-475-1      | Bushing—Speedometer (5/16" I.D. Flanged)               | 1    |
| or                                         | 30-475-1      | Bushing—Speedometer (1/4" I.D.)                        | 1    |
| H-6                                        | 545001-1      | Bolt—1/2"-13 × 1 3/8" (See Bearing Cap table for Qty.) | A/R  |
|                                            | 545001-7      | Bolt—1/2"-13 × 1 7/8" (See Bearing Cap table for Qty.) | A/R  |
|                                            | 545008        | Bolt—5/8"-11 × 1 1/4" (See Bearing Cap table for Qty.) | A/R  |
|                                            | 545008-1      | Bolt—5/8"-11 × 1 1/2" (See Bearing Cap table for Qty.) | A/R  |
| or                                         | 330180-10     | Stud—1/2"-20 × 2 1/8" (used with Ford Bearing Cap)     | 6    |
| and                                        | 500371-5      | Nut—1/2"-20 Hex (used with Ford Bearing Cap)           | 4    |
| H-7                                        | See Tab Bills | Gear—Speedometer Driven                                | 1    |
| or                                         | 55-334-1      | Plug—(used when there is no Speedometer Driven Gear)   | 1    |
| N.S.                                       | 545106        | Plug—Speedometer Outlet (Ford only)                    | 1    |
| or                                         | 545021        | Plug—Electronic Sensor Hole                            | 1    |
| H-8                                        | 55-451-1      | Sleeve—1 1/4" long—Speedometer Driven Gear             | 1    |
| or                                         | 44-473-1      | Sleeve—5" long—Speedometer Driven Gear                 | 1    |
| or                                         | 97-454-2-1X   | Sleeve—1 1/4" long—Speedometer Driven Gear (with Seal) | 1    |
| <b>Countershaft Rear Bearing Cap Group</b> |               |                                                        |      |
| J-1                                        | 63-223-1      | Gasket                                                 | 1    |
| J-2                                        | 63-22-1       | Cap—Bearing                                            | 1    |
| J-3                                        | 330564-3      | Hook—Lift                                              | 1    |
| J-4                                        | 545001        | Bolt—1/2"-13 × 1 1/2" Hex Head Self-locking            | 4    |

N.S.—Not Shown

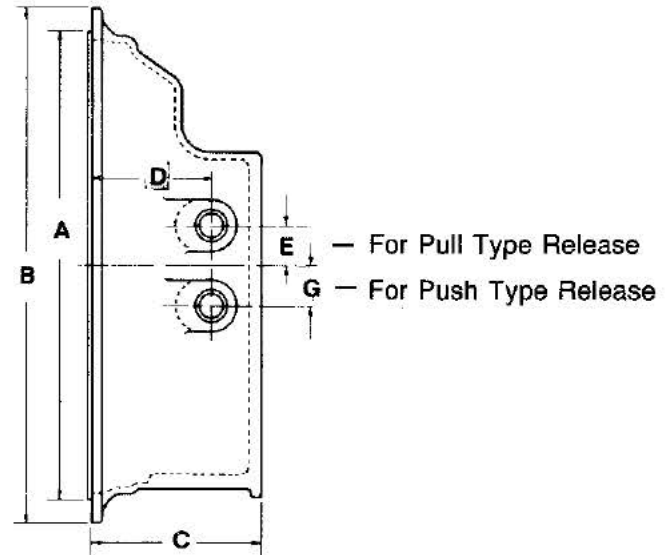
N.S.S.—Not Sold Separately

■ Use 313240-3X Baffle and Shim Kit when any of these parts are replaced, since the end play will be affected. Recommended end play is .003"/.008".

A/R—As Required

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

| SAE      |                    |                    |
|----------|--------------------|--------------------|
| Size No. | A Pilot Dia.       | B O.D.             |
| 1        | 20 $\frac{1}{8}$ " | 21 $\frac{3}{4}$ " |
| 2        | 17 $\frac{5}{8}$ " | 19 $\frac{1}{4}$ " |
| 3        | 16 $\frac{1}{8}$ " | 17 $\frac{3}{4}$ " |



| CLUTCH HOUSING                           |                |                     |       | RELEASE SHAFT HOLE |          |                 |             |             |
|------------------------------------------|----------------|---------------------|-------|--------------------|----------|-----------------|-------------|-------------|
| Service Assembly No.                     | Bushing Number | Casting Part Number | S A E | C Length           | C/L Dia. | D E Front Face  | G Above C/L | Below C/L   |
| 312098X ◀                                | 128C-20        | C62-518-25          | 2     | 6"                 | 1"       | 35/8"           | —           | 2 1/2"      |
| 62-518-27-1X                             | 128C-20        | C102C-430-3         | 2     | 5 1/16"            | 1"       | 3"<br>2 17/32"  | 1 1/2"<br>— | —<br>25/8"  |
| 62-518-29-1X                             | 128C-20        | C62-518-13          | 2     | 6 1/2"             | 1"       | 33/4"<br>35/8"  | 1 1/2"<br>— | —<br>2 1/2" |
| 62-518-30-1X                             | 128C-20        | C62-518-13          | 2     | 6 1/2"             | 1"       | 43/16"<br>35/8" | 1 1/2"<br>— | —<br>2 1/2" |
| 62-518-31-1X ■                           | 128C-20        | C73-518-5           | 2     | 6 1/2"             | 1"       | 43/16"<br>35/8" | 1 1/2"<br>— | —<br>2 1/2" |
| 62-518-32-1X                             | 128C-20        | C102C-521           | 1     | 6 1/2"             | 1"       | 33/4"<br>33/4"  | 1 1/2"<br>— | —<br>25/8"  |
| 62-518-35-1X ▶                           | 128C-20        | C62-518-13          | 2     | 6 1/2"             | 1"       | 43/16"<br>35/8" | 1 1/2"<br>— | —<br>2 1/2" |
| 73-518-3                                 | —              | C73-518-2           | 2     | 5 5/8"             | 1"       | 23/4"           | 3"          | —           |
| 313243 ▶ 6 Bolt Apron                    | —              | As Purchased        | 2     | 6 1/2"             | 1"       | 3 19/32"        | —           | 2 1/2"      |
| 313249 ▶ 4 Bolt Apron<br>Slanted 15 deg. | —              | As Purchased        | 2     | 6 1/2"             | 1"       | 3 19/32"        | —           | 2 1/2"      |

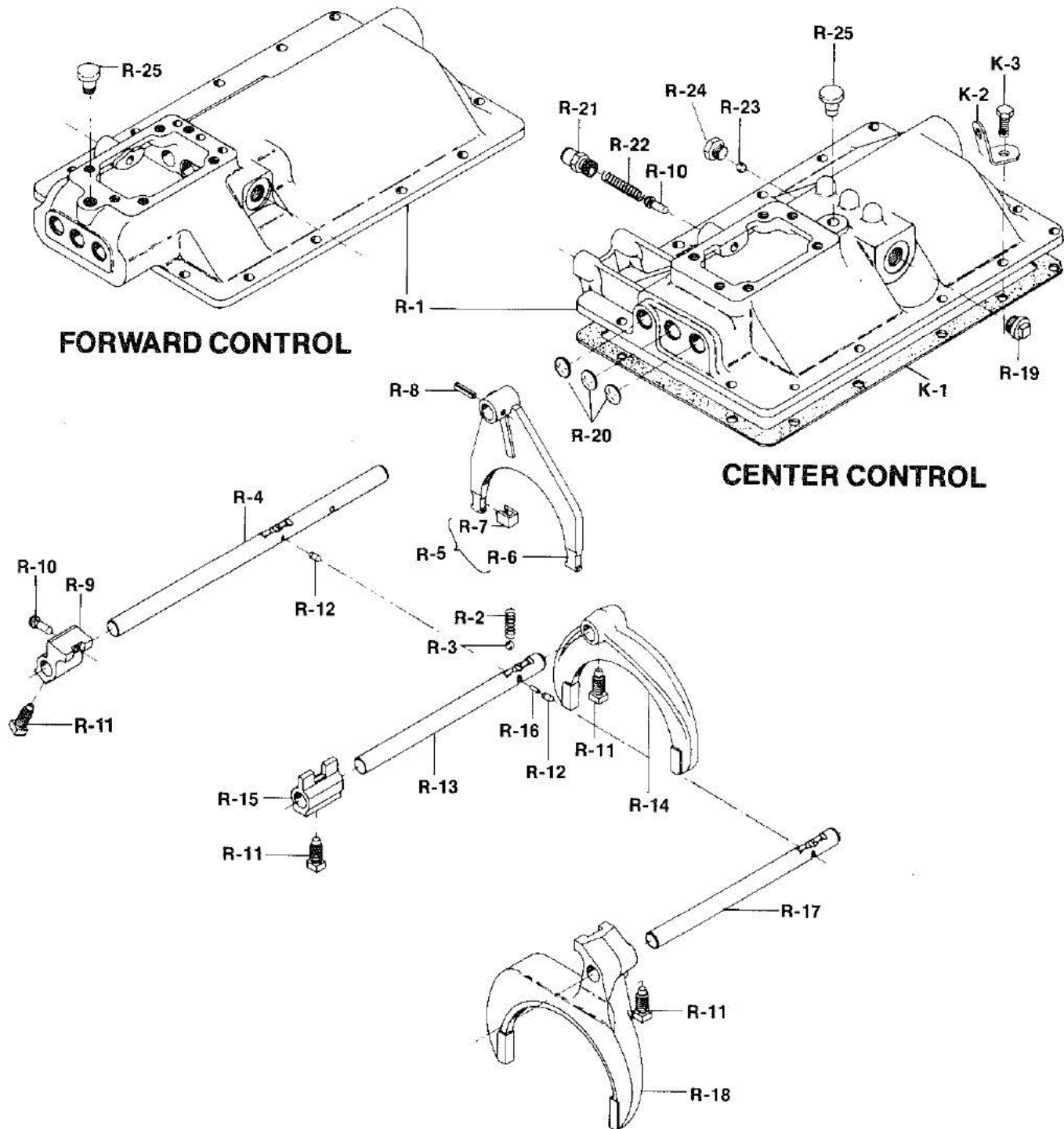
- ◀ Nodal Mounting
- Side Nodal Mounting
- ▶ Special Ford only

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

## SHIFTER HOUSING ASSEMBLY

SPICER®





## MODEL CM60

## SHIFTER HOUSING ASSEMBLY

T210-CM60

| Ref. No. | Part Number          | Part Description                                          | Center     |             |            |             | Forward    |            |             |            |              |              |
|----------|----------------------|-----------------------------------------------------------|------------|-------------|------------|-------------|------------|------------|-------------|------------|--------------|--------------|
|          |                      |                                                           | 63-16-1-1X | 63-16-1-2X+ | 63-16-9-1X | 63-16-9-2X* | 63-16-3-1X | 63-16-3-2X | 63-16-3-4X* | 63-16-3-5X | 63-16-3-6X++ | 63-16-3-7X** |
|          | <b>See Tab Bills</b> | <b>Shifter Housing Assembly</b> . . . . .                 | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-1      | <b>63-16-1</b>       | Shifter Housing (Casting No. C63-16-2) . . . . .          | 1          | 1           |            |             |            |            |             |            |              |              |
| or       | <b>63-16-9</b>       | Shifter Housing (Casting No. C63-16-2-1) . . . . .        |            |             | 1          | 1           |            |            |             |            |              |              |
| or       | <b>63-16-3</b>       | Shifter Housing (Casting No. C63-16-4) . . . . .          |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-2      | <b>47-72-1</b>       | Spring—Shift Rod Poppet Ball . . . . .                    | 3          | 3           | 3          | 3           | 3          | 3          | 3           | 3          | 3            | 3            |
| R-3      | <b>50-80-1</b>       | Ball—Shift Rod Poppet . . . . .                           | 3          | 3           | 3          | 3           | 3          | 3          | 3           | 3          | 3            | 3            |
| R-4      | <b>63-67-5</b>       | Shift Rod—1st and Reverse . . . . .                       | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>63-67-2</b>       | Shift Rod—1st and Reverse . . . . .                       |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-5      | <b>63-66-1-1X</b>    | Shift Fork & Clip Assy.—1st and Reverse . . . . .         | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-6      | <b>N.S.S.</b>        | Shift Fork . . . . .                                      | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-7      | <b>46-486-1</b>      | Clip . . . . .                                            | 2          | 2           | 2          | 2           | 2          | 2          | 2           | 2          | 2            | 2            |
| R-8      | <b>500598-15</b>     | Roll Pin—1st and Reverse Shift Rod . . . . .              | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-9      | <b>63-354-1</b>      | Shift Rod Bracket—1st and Reverse . . . . .               | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-10     | <b>62-438-2</b>      | Pin—1st and Reverse Shift Finger Plunger . . . . .        | 2          | 2           | 2          | 2           | 2          | 2          | 2           | 2          | 2            | 2            |
| R-11     | <b>545063</b>        | Screw—Shift Fork and Bracket . . . . .                    | 4          | 4           | 4          | 4           | 4          | 4          | 4           | 4          | 4            | 4            |
| R-12     | <b>32-12-1</b>       | Interlock . . . . .                                       | 2          | 2           | 2          | 2           | 2          | 2          | 2           | 2          | 2            | 2            |
| R-13     | <b>62-67-22</b>      | Shift Rod—2nd and 3rd . . . . .                           | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>62-67-13</b>      | Shift Rod—2nd and 3rd . . . . .                           |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-14     | <b>62-66-25</b>      | Shift Fork—2nd and 3rd . . . . .                          | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>62-66-20</b>      | Shift Fork—2nd and 3rd . . . . .                          |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-15     | <b>62-354-4</b>      | Shift Rod Bracket—2nd and 3rd . . . . .                   | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-16     | <b>289-SP</b>        | Pin—Interlock . . . . .                                   | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-17     | <b>63-67-4</b>       | Shift Rod—4th and 5th . . . . .                           | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>63-67-3</b>       | Shift Rod—4th and 5th . . . . .                           |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-18     | <b>62-66-27</b>      | Shift Fork—4th and 5th . . . . .                          | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>62-66-22</b>      | Shift Fork—4th and 5th . . . . .                          |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
| R-19     | <b>545021</b>        | Plug—Interlock . . . . .                                  | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-20     | <b>500166-12</b>     | Expansion Plug—7/8" dia. . . . .                          | 3          | 3           | 3          | 3           | 3          | 3          | 3           | 3          | 3            | 3            |
| R-21     | <b>38P-1</b>         | Retainer—1st and Reverse Shift Finger Plunger . . . . .   | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-22     | <b>30-72-6</b>       | Spring—1st and Reverse Shift (28 lbs.—2 1/8") . . . . .   | 1          |             |            |             | 1          |            |             |            |              |              |
| or       | <b>62-72-8</b>       | Spring—1st and Reverse Shift (60 lbs.—2 1/64") . . . . .  |            | 1           |            |             |            |            |             |            |              |              |
| or       | <b>63-72-1</b>       | Spring—1st and Reverse Shift (31 lbs.—1 27/32") . . . . . |            |             | 1          | 1           | 1          |            | 1           |            |              | 1            |
| or       | <b>82-72-3</b>       | Spring—1st and Reverse Shift (15 lbs.—2 3/8") . . . . .   |            |             |            |             |            |            |             | 1          |              |              |
| R-23     | <b>50-80-4</b>       | Ball—Back-up Switch . . . . .                             | 1          | 1           | 1          | 1           |            |            |             | 1          | 1            |              |
| R-24     | <b>330366</b>        | Plug—Back-up Switch Hole . . . . .                        | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| R-25     | <b>312268</b>        | Breather Assembly . . . . .                               | 1          | 1           | 1          | 1           |            |            |             |            |              |              |
| or       | <b>4328X</b>         | Breather Assembly . . . . .                               |            |             |            |             | 1          | 1          | 1           | 1          | 1            | 1            |
|          |                      | <b>Parts Listed Below are not Included in Assembly</b>    |            |             |            |             |            |            |             |            |              |              |
| K-1      | <b>62-155-8</b>      | Gasket—Shifter Housing . . . . .                          | 1          | 1           | 1          | 1           | 1          | 1          | 1           | 1          | 1            | 1            |
| K-2      | <b>330564-1</b>      | Lift Hook . . . . .                                       | 2          | 2           | 2          | 2           | 2          | 2          | 2           | 2          | 2            | 2            |
| K-3      | <b>545002-4</b>      | Bolt—3/8"-16 x 1 1/8" Hex Head Self-locking . . . . .     | 14         | 14          | 14         | 14          | 14         | 14         | 14          | 14         | 14           | 14           |

\* This Shifter Housing has 5th Speed locked out with a 55-203-15 Sleeve

\*\* This Shifter Housing has Rev., 4th &amp; 5th Speed locked out with (1) 22-203-6 Sleeve and (2) 55-203-15 Sleeve (4th &amp; 5th)

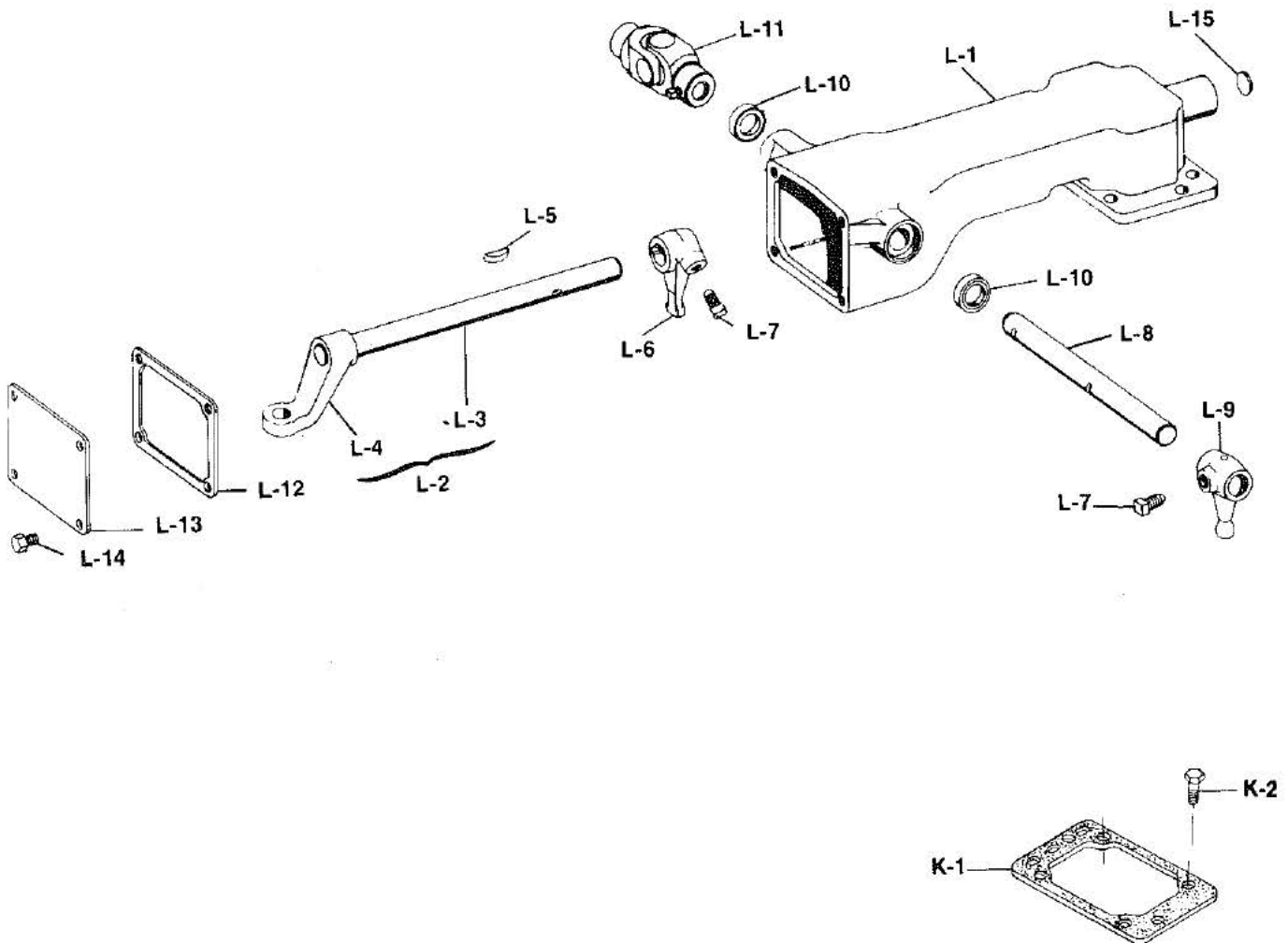
+ Service this Shifter Housing with 63-16-1-1X by replacing 1st &amp; Rev. Spring 30-72-6 with 62-72-8 included with 63-16-1-1X Assy.

++Service this Shifter Housing with 63-16-3-5X by removing the 1st and Rev. Spring 82-72-3  
N.S.S. Not Sold Separately

**MODEL CM60**  
**REMOTE CONTROL ASSEMBLY**  
**High Rod Type**



T210-CM60



PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

**SPICER®**

# MODEL CM60

## REMOTE CONTROL ASSEMBLY

### High Rod Type

**T210-CM60**

| Ref. No. | Part Number          | Part Description                                         | 47-16-8-2X | 47-16-8-3X | 47-16-8-4X | 47-16-8-5X | 47-16-9-2X | 47-16-9-3X | 47-16-10-4X | 311656-11X |
|----------|----------------------|----------------------------------------------------------|------------|------------|------------|------------|------------|------------|-------------|------------|
|          | <b>See Tab Bills</b> | <b>Cover and Joint Assembly—Remote Control</b>           | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
|          | 47-16-8-1X           | Cover Assembly (Casting No. 62-16-78)                    | 1          | 1          | 1          | 1          |            |            |             |            |
|          | 47-16-9-1X           | Cover Assembly (Casting No. 62-16-78-1X)                 |            |            |            |            | 1          | 1          |             |            |
|          | 47-16-10-1X          | Cover Assembly (Casting No. 62-16-96)                    |            |            |            |            |            |            | 1           |            |
|          | 311860X              | Cover Assembly (Casting No. 62-19-96)                    |            |            |            |            |            |            |             | 1          |
| L-1      | N.S.S.               | Remote Control Cover                                     | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| N.S.     | 82-24-3              | Bushing—Remote Control Cover                             | 4          | 4          | 4          | 4          | 4          | 4          | 4           | 4          |
| L-2      | 310647X              | Shift Finger Rod and Bracket Assembly                    | 1          | 1          | 1          | 1          |            |            |             |            |
| or       | 310879X              | Shift Finger Rod and Bracket Assembly                    |            |            |            |            | 1          | 1          |             |            |
| or       | 311661X              | Shift Finger Rod and Bracket Assembly                    |            |            |            |            |            |            | 1           | 1          |
| L-3      | N.S.S.               | Rod—Shift Finger                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-4      | N.S.S.               | Bracket—Shift Finger Rod                                 | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-5      | 500007-19            | Woodruff Key—#11                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-6      | 62-6-24              | Finger—Inner Shift                                       | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-7      | 545011               | Bolt—7/16"-20 x 7/8" Head Hex Self-locking               | 2          | 2          | 2          | 2          | 2          | 2          | 2           |            |
| or       | 545063               | Bolt—7/16"-20 x 13/16" Square Head Self-locking          |            |            |            |            |            |            |             | 2          |
| L-8      | 82-65-5              | Rod—Remote Control Shift                                 | 1          | 1          | 1          | 1          | 1          | 1          |             |            |
| or       | 82-65-22             | Rod—Remote Control Shift (counter sunk spots at 90 deg.) |            |            |            |            |            |            | 1           | 1          |
| L-9      | 82-6-7               | Finger—Outer Shift                                       | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-10     | 28P-19               | Seal—Remote Control Shift Rod                            | 2          | 2          | 2          | 2          | 2          | 2          | 2           | 2          |
| L-11     | 10380-SF             | U-Joint Assembly—Control                                 | 1          | 1          |            |            | 1          | 1          |             | 1          |
| L-12     | 82-118-1             | Gasket—Aperture Cover                                    | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-13     | 82-96-1              | Aperture Cover                                           | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| L-14     | 545005-1             | Bolt—5/16"-18 x 5/8" Hex Head Self-locking               | 4          | 4          | 4          | 4          | 4          | 4          | 4           | 4          |
| L-15     | 500166-16            | Expansion Plug—1 1/16"                                   | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| N.S.     | 311903X              | Boot Kit—Remote Control                                  |            | 1          |            | 1          |            | 1          |             |            |
| N.S.     | 82-483-1             | Boot                                                     |            | 1          |            | 1          |            | 1          |             |            |
| N.S.     | 82-483-2             | Boot—cup type                                            |            | 1          |            | 1          |            | 1          |             |            |
| N.S.     | LW-3                 | Lockwire                                                 |            | 3          |            | 3          |            | 3          |             |            |
|          |                      | <b>Parts Listed below are not Included in Assembly</b>   |            |            |            |            |            |            |             |            |
| K-1      | 62-155-7             | Gasket—Shifter Housing to Control Cover                  | 1          | 1          | 1          | 1          | 1          | 1          | 1           | 1          |
| K-2      | 545028-4             | Bolt—7/16"-14 x 1 1/4" Hex Head Self-lockint             | 4          | 4          | 4          | 4          | 4          | 4          | 4           | 4          |

N.S.—Not Shown

N.S.S.—Not Sold Separately

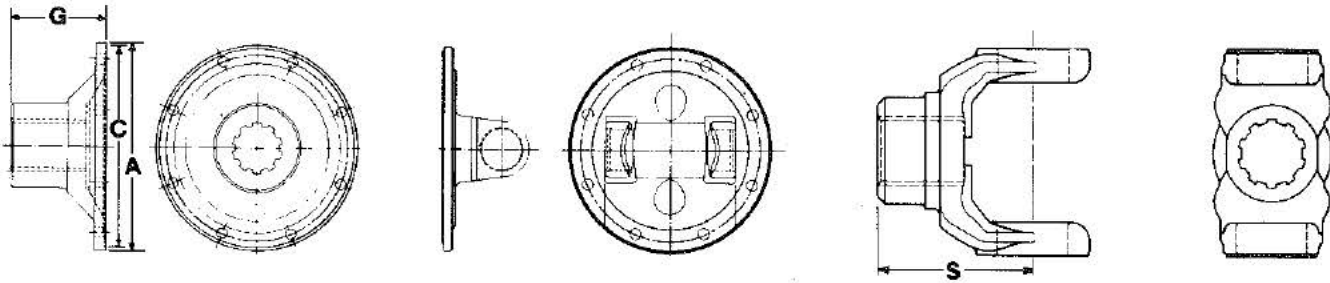
PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

## COMPANION FLANGES, FLANGE YOKES and END YOKES—CASE TABLE



T210-CM60



### COMPANION FLANGE

### FLANGE YOKE

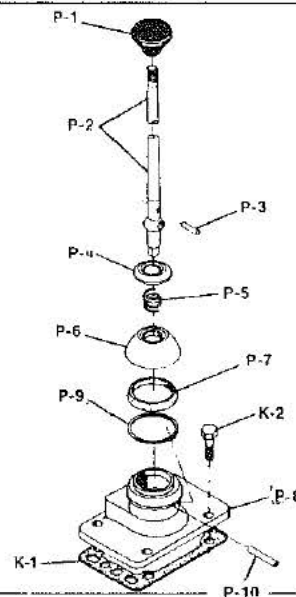
### END YOKE

| Companion Flanges and End Yokes |                         |                     |                                             |                                    |                        |              |
|---------------------------------|-------------------------|---------------------|---------------------------------------------|------------------------------------|------------------------|--------------|
| Joint Series                    | A<br>Flange<br>Diameter | Companion<br>Flange | G<br>End of Hub<br>to Flange<br>Face Length | C<br>Pilot<br>Diameter<br>F-Female | Mates with Flange Yoke |              |
|                                 |                         |                     |                                             |                                    | Part No.               | Series       |
| 1550                            | 5 7/8"                  | 4-1-3781            | 3 5/8"                                      | F-3 3/4"                           | 4-2-669                | 1550         |
| 1610                            | 6 7/8"                  | 5-1-3141            | 3 5/8"                                      | F-6<br>5/8"                        | 5-2-279                | 1480         |
| 1710                            | 8"                      | 6-1-2221            | 3 1/4"                                      | F-7 3/4"                           | 5-2-779<br>6-2-749     | 1650<br>1700 |
| 1810                            | 8"                      | 6.5-1-2121          | 3 3/4"                                      | F-7 3/4"                           | 6-2-779<br>6.5-2-359   | 1710<br>1810 |

### End Yokes

| Joint Series | End Yoke Part No. | S<br>End of Hub<br>to Center<br>Line Length | Momentary<br>Joint Angle |
|--------------|-------------------|---------------------------------------------|--------------------------|
| 1610         | 5-4-1661          | 5.000"                                      | 22°                      |
| 1610         | 5-4-7041-1 *      | 5.280"                                      | 22 1/2°                  |
| 1710         | 6-4-2361          | 5.250"                                      | 22°                      |
| 1710         | 6-4-3831          | 5.156"                                      | 25°                      |
| 1710         | 6-4-3831-1 *      | 5.160"                                      | 25°                      |

\* Half-round Yokes



| Ref. No.                              | Part Number          | Part Description                              | 47-16-3-1X | 47-16-3-3X | 47-16-3-25X | 47-16-4-7X | 47-16-5-9X | 47-16-5-21X | 47-16-5-22X | 47-16-5-38X | 47-16-7-10X | 47-16-7-31X | 47-16-7-29X |
|---------------------------------------|----------------------|-----------------------------------------------|------------|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                       | <b>See Tab Bills</b> | <b>Lever and Dome Assembly—Shift</b>          | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-1                                   | 39Q-27               | Handle—Shift Lever                            | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-2                                   | 25Q-1121             | Shift Lever—26 1/4" Straight                  | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
|                                       | 25Q-1122             | Shift Lever—29 1/4" Straight                  |            |            |             |            |            |             |             |             |             |             |             |
|                                       | 25Q-1621             | Shift Lever—30" Straight                      |            |            |             |            |            |             |             |             |             |             |             |
|                                       | 25Q-1537             | Shift Lever—35" Straight                      |            |            |             |            |            |             |             |             |             |             |             |
|                                       | 25Q-1896             | Shift Lever—28" Bent                          |            | 1          |             |            |            |             |             |             |             |             |             |
|                                       | 25Q-2075             | Shift Lever—29 3/16" Bent                     |            |            |             |            | 1          |             |             |             |             |             |             |
|                                       | 25Q-2163             | Shift Lever—31 29/64" Bent                    |            |            |             |            |            |             |             |             | 1           |             |             |
|                                       | 25Q-2330             | Shift Lever—Lower Lever—5.20" Straight        |            |            |             |            |            |             |             |             |             | 1           |             |
|                                       | 25Q-2388             | Shift Lever—24 5/8" Bent                      |            |            | 1           |            |            |             |             |             |             |             | 1           |
|                                       | 25Q-2316             | Shift Lever—Lower Lever 9 7/16" Straight      |            |            |             |            |            |             |             |             |             |             | 1           |
|                                       | 25Q2315              | Shift Lever—26 1/4" Bent                      |            |            |             |            |            |             |             |             |             |             | 1           |
| N.S.                                  | 55Q-5                | Grommet—Shift Lever (boot)                    |            |            |             |            |            | 1           | 1           | 1           |             | 1           |             |
| N.S.                                  | 55Q-14               | Grommet—Shift Lever (boot)                    |            |            |             |            |            |             |             |             |             |             | 1           |
|                                       | 47-16-3X             | Dome Assembly—2 5/8" overall height           | 1          | 1          | 1           |            |            |             |             |             |             |             |             |
|                                       | 47-16-4X             | Dome Assembly—3 5/32" overall height          |            |            |             | 1          |            |             |             |             |             |             |             |
|                                       | 47-16-5X             | Dome Assembly—3 5/8" overall height           |            |            |             |            | 1          | 1           | 1           | 1           |             |             |             |
|                                       | 47-16-7X             | Dome Assembly—5 5/32" overall height          |            |            |             |            |            |             |             |             | 1           | 1           | 1           |
|                                       | 47-16-7-28X          | Dome Assembly—5 5/32" overall height          |            |            |             |            |            |             |             |             |             |             | 1           |
| P-3                                   | 286-SP               | Pin—Shift lever collar                        | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-4                                   | 55Q-7                | Collar—Compression                            | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-5                                   | 56Q-25               | Spring—Compression                            | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-6                                   | 54Q-13               | Cup—Compression                               | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-7                                   | 69Q-6                | Washer—Friction                               | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-8                                   | 47-16-3              | Dome—Shift Lever (C62-16-24-1)                | 1          | 1          | 1           |            |            |             |             |             |             |             |             |
|                                       | 47-16-4              | Dome—Shift Lever (C62-16-30-1)                |            |            |             | 1          |            |             |             |             |             |             |             |
|                                       | 47-16-5              | Dome—Shift Lever (C62-16-67)                  |            |            |             |            | 1          | 1           | 1           | 1           |             |             |             |
|                                       | 47-16-7              | Dome—Shift Lever (C62-16-125)                 |            |            |             |            |            |             |             |             | 1           | 1           | 1           |
| P-9                                   | 62-381-7             | Snap Ring—Rock Shaft                          | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| P-10                                  | 53Q-15               | Shaft—Shift lever rock                        | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| N.S.                                  | 500008-15            | Key—Shift Lever Upper End                     |            |            |             |            |            |             |             |             |             |             | 1           |
| N.S.                                  | 500389-7             | Nut—Shift Lever Upper End                     |            |            |             |            |            |             |             |             |             |             | 1           |
| N.S.                                  | 500024-7             | Cotter Pin—Upper Shift Lever                  |            |            |             |            |            |             |             |             |             |             | 1           |
| <b>Parts not included in Assembly</b> |                      |                                               |            |            |             |            |            |             |             |             |             |             |             |
| K-1                                   | 62-155-7             | Gasket—Dome to Shifter Housing                | 1          | 1          | 1           | 1          | 1          | 1           | 1           | 1           | 1           | 1           | 1           |
| K-2                                   | 545028-4             | Screw—7/16"-14 x 1 1/4" Hex head self-locking | 4          | 4          | 4           | 4          | 4          | 4           | 4           | 4           | 4           | 4           | 4           |

N.S.—Not Shown

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

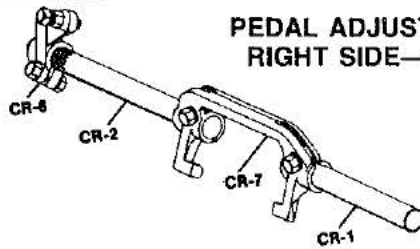
# MODEL CM60

SPICER®

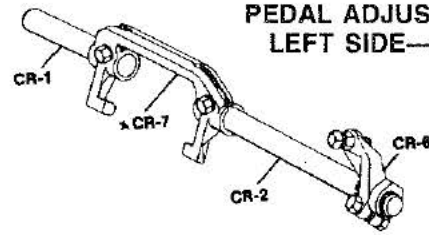


T210-CM60

## CLUTCH RELEASE CODE TABLE



PEDAL ADJUSTING ARM  
RIGHT SIDE—310473X



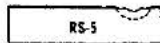
PEDAL ADJUSTING ARM  
LEFT SIDE—310233X

### CR-1 SHORT SHAFT

| Part No.  | Length |
|-----------|--------|
| 106C-1071 | 4.062" |
| 106C-1141 | 5.125" |
| 106C-1142 | 6.125" |
| 106C-1185 | 5.750" |
| 106C-1216 | 4.750" |
| 106C-1278 | 4.812" |
| 106C-1360 | 5.312" |
| 106C-1498 | 6.500" |
| 106C-1544 | 7.000" |
| 330601-1  | 6.250" |

### CR-2 LONG SHAFT (Cont'd)

| Part No.  | Type | Length  |
|-----------|------|---------|
| 106C-1083 | RS-8 | 7.969"  |
| 106C-1094 | RS-8 | 8.469"  |
| 106C-1123 | RS-8 | 12.968" |
| 106C-1169 | RS-8 | 9.125"  |
| 106C-1315 | RS-8 | 7.625"  |
| 106C-1367 | RS-8 | 10.312" |
| 106C-1375 | RS-8 | 6.781"  |
| 106C-1417 | RS-8 | 7.250"  |
| 106C-1422 | RS-8 | 7.500"  |
| 106C-1490 | RS-8 | 16.000" |
| 106C-1515 | RS-5 | 11.375" |
| 106C-1529 | RS-5 | 8.312"  |
| 330610-5  | RS-8 | 9.469"  |
| 330610-11 | RS-8 | 10.750" |
| 46-510-9  | RS-5 | 7.125"  |
| 330610-10 | RS-8 | 9.500"  |



### CR-2 LONG SHAFT

| Part No.  | Type | Length  |
|-----------|------|---------|
| 106C-438  | RS-5 | 14.000" |
| 106C-588  | RS-5 | 7.000"  |
| 106C-617  | RS-8 | 10.469" |
| 106C-839  | RS-8 | 11.469" |
| 106C-939  | RS-8 | 10.000" |
| 106C-953  | RS-8 | 9.750"  |
| 106C-959  | RS-8 | 11.968" |
| 106C-960  | RS-8 | 8.719"  |
| 106C-1046 | RS-8 | 8.968"  |
| 106C-1047 | RS-8 | 9.469"  |

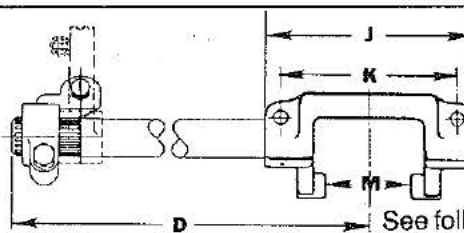
### CR-6 PEDAL ADJ. ARM

|              |                     |
|--------------|---------------------|
| 310233X      | For Left Side Mtg.  |
| 310473X      | For Right Side Mtg. |
| 47-526-1-1X* | Lever Type 7 1/4"   |
| 310873X*     | Lever Type 7 1/2"   |

\*Lever type can be used on either right or left side.

### THRU SHAFT (used with Push Type Clutch)

| Part No.  | Type    | Length  |
|-----------|---------|---------|
| 106C-1566 | Splined | 19.125" |
| 106C-1550 | Keyed   | 16.375" |
| 106C-1558 | Keyed   | 19.000" |
| 106C-1578 | Splined | 19.500" |
| 49-510-1  | Keyed   | 19.120" |
| 97-510-2  | Splined | 19.313" |



See following page for "D" dimensions.

### CLUTCH RELEASE YOKES

| CR-7                  | Forging No. | Used With                 | Type | J      | K      | M      |
|-----------------------|-------------|---------------------------|------|--------|--------|--------|
| 105C-64               | F105C64     | Spicer 15 1/2" SP         | Pull | 8.000" | 6.500" | 4.895" |
| 105C-68               | F105C99     | Spicer 14" SP             | Pull | 7.125" | 5.750" | 4.132" |
| 105C-117 <sup>1</sup> | F105C118    | Spicer & Others           | Push | 8.375" | 7.000" | 4.885" |
| 105C-124 <sup>2</sup> | F105C125    | Spicer AL & AR            | Push | 3.750" | 2.125" | 2.885" |
| 105C-132 <sup>2</sup> | F105C118    | Spicer & Others           | Push | 8.375" | 7.000" | 4.885" |
| 105C-137              | F105C138    | Spicer 15 1/2" and 14" 2P | Pull | 8.000" | 6.500" | 4.895" |
| 85-509-3 <sup>3</sup> | F105C118    | Spicer & Others           | Push | 8.375" | 7.000" | 4.885" |

<sup>1</sup>Machined washer surface on yoke front

<sup>2</sup>Machined washer surface on yoke rear (for clearance)

<sup>3</sup>Same as <sup>1</sup> above except contains spring holes in lugs

<sup>4</sup>Use 7743X Clutch Release Bearing and (2) 2306-12 Springs.

### ★ CLUTCH RELEASE YOKE ATTACHING PARTS—

Use one KEY 10-30, two SCREWS 330231 and two LOCK WASHERS 500356-12

NOTE: When changing from a two plate to single plate clutch or vice versa, a different bearing cap will be required.



# MODEL CM60

## CLUTCH RELEASE CODE TABLE

**T210-CM60**

| Rel.Code<br>See<br>Tab Bill | CR-7<br>Yoke ★ | Shaft                |           | Adjustable<br>Arm | D<br>Dim.<br>(In.) | Rel.Code<br>See<br>Tab Bill | CR-7<br>Yoke ★ | Shaft                |           | Adjustable<br>Arm | D<br>Dim.<br>(In.) |
|-----------------------------|----------------|----------------------|-----------|-------------------|--------------------|-----------------------------|----------------|----------------------|-----------|-------------------|--------------------|
|                             |                | CR-1 Short           | CR-2 Long |                   |                    |                             |                | CR-1 Short           | CR-2 Long |                   |                    |
| 1                           | 105C-64        | 106C-1142            | 106C-1047 | 310233X           | 11.969             | 60                          | 105C-137       | 106C-1185            | 106C-617  | 310233X           | 12.969             |
| 2                           | 105C-64        | 106C-1185            | 106C-438  | —                 | 16.500             | 61                          | 105C-137       | 106C-1185            | 106C-839  | 310233X           | 13.969             |
| 3                           | 105C-64        | 106C-1185            | 106C-939  | 310233X           | 12.500             | 62                          | 105C-137       | 106C-1185            | 106C-939  | 310233X           | 12.500             |
| 4                           | 105C-64        | 106C-1185            | 106C-1046 | 310233X           | 11.468             | 63                          | 105C-137       | 106C-1185            | 106C-939  | 310473X           | 12.500             |
| 5                           | 105C-64        | 106C-1185            | 106C-1047 | 310233X           | 11.969             | 64                          | 105C-137       | 106C-1185            | 106C-953  | 310473X           | 12.250             |
| 6                           | 105C-64        | 106C-1185            | 106C-1047 | 47-526-1-1X       | 11.969             | 65                          | 105C-137       | 106C-1185            | 106C-1046 | 310233X           | 11.468             |
| 7                           | 105C-64        | 106C-1544            | 106C-839  | 310233X           | 13.969             | 66                          | 105C-137       | 106C-1185            | 106C-1046 | 310473X           | 11.468             |
| 8                           | 105C-68        | 106C-1142            | 106C-438  | —                 | 16.125             | 67                          | 105C-137       | 106C-1185            | 106C-1047 | 310233X           | 11.969             |
| 9                           | 105C-68        | 106C-1142            | 106C-617  | —                 | 12.594             | 68                          | 105C-137       | 106C-1185            | 106C-1083 | 310233X           | 10.469             |
| 10                          | 105C-68        | 106C-1142            | 106C-617  | 310233X           | 12.594             | 69                          | 105C-137       | 106C-1185            | 106C-1094 | —                 | 10.969             |
| 11                          | 105C-68        | 106C-1142            | 106C-839  | 310233X           | 13.594             | 70                          | 105C-137       | 106C-1185            | 106C-1094 | 310233X           | 10.969             |
| 12                          | 105C-68        | 106C-1142            | 106C-939  | 310233X           | 12.125             | 71                          | 105C-137       | 106C-1185            | 106C-1123 | —                 | 15.468             |
| 13                          | 105C-68        | 106C-1142            | 106C-1046 | 310233X           | 11.093             | 72                          | 105C-137       | 106C-1185            | 106C-1123 | 310233X           | 15.468             |
| 14                          | 105C-68        | 106C-1142            | 106C-1047 | 310233X           | 11.594             | 73                          | 105C-137       | 106C-1185            | 106C-1367 | —                 | 12.812             |
| 15                          | 105C-68        | 106C-1278            | 106C-438  | —                 | 16.125             | 74                          | 105C-137       | 106C-1185            | 106C-1367 | 310233X           | 12.812             |
| 15A                         | 105C-68        | 106C-1278            | 106C-939  | 310473X           | 12.125             | 75                          | 105C-137       | 106C-1185            | 106C-1375 | 310873X           | 9.281              |
| 15B                         | 105C-68        | 106C-1278            | 106C-939  | 310233X           | 12.125             | 76                          | 105C-137       | 106C-1185            | 106C-1515 | —                 | 13.875             |
| 16                          | 105C-117       | 106C-1071            | 106C-939  | 310233X           | 12.750             | 77                          | 105C-137       | 106C-1185            | 106C-1529 | —                 | 10.812             |
| 17                          | 105C-117       | 106C-1071            | 106C-1094 | 310233X           | 11.219             | 78                          | 105C-137       | 106C-1185            | 330610-5  | —                 | 11.969             |
| 18                          | 105C-117       | 106C-1142            | 106C-939  | 310233X           | 12.750             | 78A                         | 105C-137       | 106C-1185            | 46-510-9  | —                 | 9.625              |
| 19                          | 105C-117       | 106C-1185            | 106C-438  | —                 | 16.750             | 79                          | 105C-137       | 106C-1216            | 106C-617  | 310233X           | 12.969             |
| 20                          | 105C-117       | 106C-1185            | 106C-617  | 310233X           | 13.219             | 80                          | 105C-137       | 106C-1278            | 106C-438  | —                 | 16.500             |
| 21                          | 105C-117       | 106C-1185            | 106C-839  | 47-526-1-1X       | 14.219             | 81                          | 105C-137       | 106C-1278            | 106C-588  | —                 | 9.500              |
| 22                          | 105C-117       | 106C-1185            | 106C-939  | 310233X           | 12.750             | 82                          | 105C-137       | 106C-1278            | 106C-588  | 310233X           | 9.500              |
| 23                          | 105C-117       | 106C-1185            | 106C-953  | 310873X           | 12.500             | 83                          | 105C-137       | 106C-1278            | 106C-617  | 310233X           | 12.969             |
| 24                          | 105C-117       | 106C-1185            | 106C-960  | 310233X           | 11.469             | 84                          | 105C-137       | 106C-1278            | 106C-939  | 310233X           | 12.500             |
| 25                          | 105C-117       | 106C-1185            | 106C-1046 | 310233X           | 11.718             | 84A                         | 105C-137       | 106C-1278            | 106C-939  | 310473X           | 12.500             |
| 26                          | 105C-117       | 106C-1185            | 106C-1047 | 310233X           | 12.219             | 85                          | 105C-137       | 106C-1278            | 106C-939  | 310873X           | 12.500             |
| 27                          | 105C-117       | 106C-1185            | 106C-1083 | —                 | 10.719             | 86                          | 105C-137       | 106C-1278            | 106C-960  | 310233X           | 11.219             |
| 28                          | 105C-117       | 106C-1185            | 106C-1083 | 310233X           | 10.719             | 87                          | 105C-137       | 106C-1278            | 106C-1046 | —                 | 11.468             |
| 29                          | 105C-117       | 106C-1185            | 106C-1083 | 310473X           | 10.719             | 88                          | 105C-137       | 106C-1278            | 106C-1046 | 310233X           | 11.468             |
| 30                          | 105C-117       | 106C-1185            | 106C-1094 | 310233X           | 11.219             | 89                          | 105C-137       | 106C-1278            | 106C-1047 | —                 | 11.969             |
| 31                          | 105C-117       | 106C-1185            | 106C-1094 | 310873X           | 11.219             | 90                          | 105C-137       | 106C-1278            | 106C-1047 | 310233X           | 11.969             |
| 32                          | 105C-117       | 106C-1185            | 106C-1169 | 310233X           | 11.875             | 91                          | 105C-137       | 106C-1278            | 106C-1083 | 310233X           | 10.469             |
| 33                          | 105C-117       | 106C-1185            | 106C-1315 | —                 | 10.375             | 91A                         | 105C-137       | 106C-1278            | 106C-1083 | 310473X           | 10.469             |
| 34                          | 105C-117       | 106C-1185            | 106C-1315 | 310233X           | 10.375             | 92                          | 105C-137       | 106C-1278            | 106C-1094 | 310233X           | 10.969             |
| 35                          | 105C-117       | 106C-1185            | 106C-1315 | 47-526-1-1X       | 10.375             | 92A                         | 105C-137       | 106C-1278            | 106C-1315 | 310233X           | 10.125             |
| 35A                         | 105C-117       | 106C-1185            | 106C-1375 | 310873X           | 9.531              | 93                          | 105C-137       | 106C-1278            | 106C-1375 | 310233X           | 9.281              |
| 36                          | 105C-117       | 106C-1185            | 106C-1417 | 310233X           | 10.000             | 94                          | 105C-137       | 106C-1278            | 106C-1422 | 310233X           | 10.000             |
| 37                          | 105C-117       | 106C-1185            | 106C-1417 | 310873X           | 10.000             | 95                          | 105C-137       | 106C-1278            | 106C-1529 | —                 | 10.812             |
| 38                          | 105C-117       | 106C-1185            | 106C-1490 | 310233X           | 18.750             | 96                          | 105C-137       | 106C-1360            | 106C-1083 | —                 | 10.469             |
| 39                          | 105C-117       | 106C-1278            | 106C-939  | 310233X           | 12.750             | 96A                         | 105C-137       | 106C-1360            | 106C-1417 | 310233X           | 9.750              |
| 40                          | 105C-117       | 106C-1278            | 106C-960  | 310873X           | 11.469             | 97                          | 105C-137       | 106C-1360            | 106C-1422 | 310233X           | 10.000             |
| 41                          | 105C-117       | 106C-1278            | 106C-1047 | 310233X           | 12.219             | 98                          | 105C-137       | 106C-1375            | 106C-438  | 310233X           | 16.500             |
| 42                          | 105C-117       | 106C-1278            | 106C-1094 | 310233X           | 11.219             | 99                          | 105C-137       | 106C-1498            | 106C-438  | —                 | 16.500             |
| 43                          | 105C-117       | 106C-1278            | 106C-1315 | 310233X           | 10.375             | 100                         | 105C-137       | 106C-1498            | 106C-617  | 310233X           | 12.969             |
| 44                          | 105C-117       | 106C-1278            | 106C-1367 | 310233X           | 13.062             | 101                         | 105C-137       | 106C-1498            | 106C-617  | 310473X           | 12.969             |
| 45                          | 105C-117       | 106C-1360            | 106C-1083 | 310233X           | 10.719             | 102                         | 105C-137       | 106C-1498            | 106C-939  | 310233X           | 12.500             |
| 46                          | 105C-117       | 106C-1360            | 106C-1315 | 310233X           | 10.375             | 103                         | 105C-137       | 106C-1498            | 106C-939  | 310473X           | 12.500             |
| 46A                         | 105C-117       | 106C-1360            | 330610-10 | —                 | 12.250             | 104                         | 105C-137       | 106C-1498            | 106C-953  | 310233X           | 12.250             |
| 47                          | 105C-117       | Thru Shaft 106C-1550 |           | —                 | —                  | 105                         | 105C-137       | 106C-1498            | 106C-959  | 310233X           | 14.468             |
| 48                          | 105C-117       | Thru Shaft 106C-1558 |           | —                 | —                  | 106                         | 105C-137       | 106C-1498            | 106C-1046 | 310233X           | 11.468             |
| 49                          | 105C-124       | 106C-1185            | 106C-438  | —                 | 14.313             | 107                         | 105C-137       | 106C-1498            | 106C-1047 | —                 | 11.969             |
| 50                          | 105C-124       | Thru Shaft 106C-1566 |           | 310233X           | —                  | 108                         | 105C-137       | 106C-1498            | 106C-1047 | 310233X           | 11.969             |
| 51                          | 105C-124       | Thru Shaft 106C-1566 |           | 310473X           | —                  | 109                         | 105C-137       | 106C-1498            | 106C-1083 | 310233X           | 10.469             |
| 52                          | 105C-124       | Thru Shaft 106C-1566 |           | 310873X           | —                  | 110                         | 105C-137       | 106C-1498            | 106C-1094 | —                 | 10.969             |
| 52A                         | 105C-124       | Thru Shaft 49-510-1  |           | 310233X           | —                  | 111                         | 105C-137       | 106C-1498            | 330610-11 | 310233X           | 13.250             |
| 53                          | 105C-132       | 106C-1185            | 106C-1047 | 310233X           | 9.782              | 112                         | 105C-137       | 330601-1             | 106C-939  | 310233X           | 12.500             |
| 54                          | 105C-132       | 106C-1185            | 106C-1083 | 310233X           | 8.282              | 112A                        | 85-509-3       | 106C-1278            | 106C-939  | 310233X           | 12.750             |
| 55                          | 105C-132       | 106C-1185            | 106C-1417 | 310873X           | 7.563              | 113                         | 85-509-3       | 106C-1360            | 106C-1417 | 310233X           | 10.000             |
| 56                          | 105C-132       | 106C-1185            | 46-510-9  | —                 | 7.438              | 114                         | 85-509-3       | Thru Shaft 106C-1578 |           | 310233X           | —                  |
| 57                          | 105C-132       | 106C-1278            | 46-510-9  | —                 | 7.438              | 114A                        | 85-509-3       | Thru Shaft 106C-1578 |           | 310473X           | —                  |
| 58                          | 105C-137       | 106C-1141            | 106C-1169 | 310233X           | 11.625             | 115                         | 85-509-3       | Thru Shaft 106C-1578 |           | 310873X           | —                  |
| 59                          | 105C-137       | 106C-1185            | 106C-438  | —                 | 16.500             | 116                         | 312916         | Thru Shaft 97-510-2  |           | —                 | —                  |

■ Use 7743X Clutch Release Bearing and (2) 2306-12 Springs.

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

## BASIC OVERHAUL KITS

**SPICER®**



**T210-CM60**

| Part Number  | Part Description                                                                     | Qty. |
|--------------|--------------------------------------------------------------------------------------|------|
| 313400-57X   | <b>Major Overhaul Kit</b> .....                                                      | 1    |
| 500010-8     | Woodruff Key—Countershaft 2nd,3rd,4th, & C/S Drive Gear .....                        | 4    |
| 500898       | Nut—Mainshaft .....                                                                  | 1    |
| 425-SP       | Pin—4th Mainshaft Gear Sleeve .....                                                  | 1    |
| 313432-20X   | Minor Overhaul Kit .....                                                             | 1    |
| 313429-14X   | Shifter Housing Small Parts Repair Kit .....                                         | 1    |
| 313401-14X   | Thrust Washer Kit .....                                                              | 1    |
| 313432-20X   | <b>Minor Overhaul Kit (included in Major Overhaul Kit)</b> .....                     | 1    |
|              | <b>Bearings</b>                                                                      |      |
| 500936       | Countershaft Rear Taper Cone .....                                                   | 1    |
| 550183       | Rear Output Front Cone .....                                                         | 1    |
| 550228       | Rear Output Front Cup .....                                                          | 1    |
| 550612       | Mainshaft Rear Cone .....                                                            | 1    |
| 550886       | Roller Assy. Reverse Idler Gear .....                                                | 2    |
| 550929       | Drive Gear Cup .....                                                                 | 1    |
| 550929       | Mainshaft Rear Cup .....                                                             | 1    |
| 550930       | Drive Gear Cone .....                                                                | 1    |
| 550933       | Countershaft Front Cup .....                                                         | 1    |
| 550934       | Countershaft Front Cone .....                                                        | 1    |
| 550935       | Countershaft Rear Taper Cup .....                                                    | 1    |
| 550938       | 1st and Reverse Mainshaft Needle Assy. ....                                          | 2    |
| 550983       | Needle Split 2nd Gear .....                                                          | 1    |
| 60-463-8     | Oil Seal—Rear Bearing Cap (3.756" O.D.) .....                                        | 1    |
| 60-463-10-1X | Oil Seal Kit (w/installation sleeves)—Drive Gear Brg. Cap .....                      | 1    |
| 545077       | Bearing Lubricant—Packet .....                                                       | 1    |
| 545080       | Anaerobic Sealant—Mainshaft Nut .....                                                | 1    |
| 2342-5       | Service Manual .....                                                                 | 1    |
| 2734         | Bulletin—Thrust Washer Installation .....                                            | 1    |
| 2759         | Bulletin—Drive Gear Replacement .....                                                | 1    |
| 2770         | Bulletin—Pocket Bearing Lubrication .....                                            | 1    |
| 2783         | Bulletin—Mainshaft Nut Anaerobic Sealant .....                                       | 1    |
| 312475-29X   | Gasket Kit .....                                                                     | 1    |
| 313024-22X   | Snap Ring Kit .....                                                                  | 1    |
| 313240-3X    | Baffle and Shim Kit—Drive Gear .....                                                 | 1    |
| 313439X      | Countershaft Rear Bearing Shim Kit .....                                             | 1    |
| 313429-14X   | <b>Shifter Housing Small Parts Repair Kit (Included in Major Overhaul Kit)</b> ..... | 1    |
| 38P-1        | Retainer—1st and Rev. Shift Finger Plunger .....                                     | 1    |
| 289-SP       | Pin—Interlock .....                                                                  | 1    |
| 30-72-6      | Spring—1st and Rev. Shift Finger Plunger .....                                       | 1    |
| 32-12-1      | Interlock .....                                                                      | 2    |
| 32-59-3      | Plug—Shift Rod Thimble .....                                                         | 1    |
| 500166-12    | Plug—Shift Rod Hole Expansion .....                                                  | 3    |
| 500598-15    | Pin—1st and Reverse Shift Rod Roll .....                                             | 1    |
| 47-72-1      | Spring—Shift Rod Poppet Ball .....                                                   | 3    |
| 50-80-1      | Ball—Shift Rod Poppet .....                                                          | 3    |
| 62-438-2     | Pin—1st and Reverse Shift Finger Plunger .....                                       | 2    |

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## BASIC OVERHAUL KITS

**T210-CM60**

| Part Number        | Part Description                                                  | Qty. |
|--------------------|-------------------------------------------------------------------|------|
| <b>313401-14X</b>  | <b>Thrust Washer Kit (Included in Major Overhaul Kit)</b>         | 1    |
| <b>330871</b>      | Mainshaft Rear                                                    | 1    |
| <b>974-W</b>       | Reverse Idler Bearing                                             | 2    |
| <b>330884</b>      | 1st and 2nd Speed Mainshaft Gear                                  | 1    |
| <b>1001-W</b>      | 4th Speed Mainshaft Gear                                          | 1    |
| <b>312475-29X</b>  | <b>Gasket Kit (Included in Minor Overhaul Kits)</b>               | 1    |
| <b>62-155-7</b>    | Control Housing                                                   | 1    |
| <b>62-155-8</b>    | Shifter Housing                                                   | 1    |
| <b>63-223-1</b>    | Countershaft Rear Bearing Cap                                     | 1    |
| <b>63-223-2</b>    | Drive Gear Bearing Cap                                            | 1    |
| <b>63-223-3</b>    | Mainshaft Rear Bearing Cap                                        | 1    |
| <b>63-223-4</b>    | Drive Gear Bearing Cap (Ford)                                     | 1    |
| <b>63-223-5</b>    | Countershaft Front Bearing Cap (Ford)                             | 1    |
| <b>63-223-6</b>    | Mainshaft Rear Bearing Cap (Bendix Brake Cap)                     | 1    |
| <b>63-223-7</b>    | Mainshaft Rear Bearing Cap (Ford)                                 | 1    |
| <b>82-118-1</b>    | Remote Control Aperture Cover                                     | 1    |
| <b>97-324-1-1X</b> | PTO (6 Bolt) Kit                                                  | 1    |
| <b>97-324-2-1X</b> | PTO (8 Bolt) Kit                                                  | 1    |
| <b>2749</b>        | Bulletin—Gasket Installation                                      | 1    |
| <b>313024-22X</b>  | <b>Snap Ring Kit (Included in Minor Overhaul Kit)</b>             | 1    |
| <b>62-381-4</b>    | 4th Speed Mainshaft Gear                                          | 1    |
| <b>62-381-8</b>    | 2nd and 3rd Speed Mainshaft Gear                                  | 1    |
| <b>63-381-1</b>    | 1st and 2nd Speed Mainshaft Gear                                  | 1    |
| <b>70-381-6</b>    | Countershaft Drive Gear                                           | 1    |
| <b>313240-3X</b>   | <b>Baffle and Shim Kit (Included in Minor Overhaul Kit)</b>       | 1    |
| <b>47-228-1-1</b>  | Mainshaft Bearing                                                 | 9    |
| <b>47-228-2-2</b>  | Mainshaft Front Bearing                                           | 1    |
| <b>47-228-2-10</b> | Spacer—Mainshaft Rear                                             | 1    |
| <b>47-468-1</b>    | Baffle                                                            | 1    |
| <b>47-468-2</b>    | Baffle—Oil Ring                                                   | 1    |
| <b>2789</b>        | Bulletin—Baffle and Shim Kit Installation                         | 1    |
| <b>313439X</b>     | <b>Shim Kit—C/S Rear Bearing (Included in Minor Overhaul Kit)</b> | 1    |
| <b>63-228-2-1</b>  | Shim—Rear Bearing                                                 | 4    |
| <b>2759</b>        | Bulletin—Drive Gear Replacement                                   | 1    |
| <b>312477-36X</b>  | <b>Small Parts Repair Kit (Not included in any Overhaul Kit)</b>  |      |
| <b>50-80-1</b>     | Ball—Shift Rod Poppet                                             | 3    |
| <b>32-12-1</b>     | Interlock                                                         | 2    |
| <b>500010-8</b>    | Key—2nd Countershaft Gear                                         | 1    |
| <b>500010-8</b>    | Key—3rd, 4th & Countershaft Drive Gear                            | 3    |
| <b>289-SP</b>      | Pin—Interlock                                                     | 1    |
| <b>62-438-2</b>    | Pin—1st & Reverse Shift Finger Plunger                            | 2    |
| <b>500598-15</b>   | Pin—1st & Reverse Shift Rod Roll                                  | 1    |
| <b>500166-12</b>   | Plug—Shift Rod Hole Expansion                                     | 3    |
| <b>32-59-3</b>     | Plug—Shift Rod Thimble                                            | 1    |
| <b>38P-1</b>       | Retainer—1st & Reverse Shift Finger Plunger                       | 1    |
| <b>70-381-6</b>    | Ring—Countershaft Drive Gear Snap                                 | 1    |
| <b>63-381-1</b>    | Ring—1st & 2nd Mainshaft Gear Snap                                | 1    |
| <b>62-381-8</b>    | Ring—2nd & 3rd Mainshaft Clutch Gear Snap                         | 1    |
| <b>62-381-4</b>    | Ring—4th Mainshaft Gear Thrust Washer Snap                        | 1    |
| <b>47-72-1</b>     | Spring—Shift Rod Poppet Ball                                      | 3    |
| <b>30-72-6</b>     | Spring—1st & Reverse Shift Finger Plunger                         | 1    |

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

## SUPPRESSION LIST OF CM60 TO ES65-5 BILLS OF MATERIAL



### T210-CM60

| 6052A     | 6052A     | 6052A     | ES65-5A   | 6052A     | 6052A     | 6052A      | ES65-5A   |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| 301075-1  | 301253-1  | 301413-1  | 301466-24 | 301075-55 | 301253-55 | 301413-55  |           |
| 301075-2  | 301253-2  | 301413-2  | 301466-37 | 301075-56 | 301253-56 | 301413-56  | 301466-21 |
| 301075-3  | 301253-3  | 301413-3  |           | 301075-57 | 301253-57 | 301413-57  |           |
| 301075-4  | None      | None      |           | 301075-58 | 301253-58 | 301413-58  | 301466-6  |
| 301075-5  | None      | None      |           | —         | 301253-59 | 301413-59  |           |
| 301075-6  | 301253-6  | 301412-6  | 301466-32 | —         | 301253-60 | 301413-60  |           |
| 301075-7  | None      | None      |           | —         | 301253-61 | 301413-61  | 301466-7  |
| 301075-8  | 301253-8  | 301413-8  | 301466-23 | —         | 301253-62 | 301413-62  |           |
| 301075-9  | None      | None      |           | —         | 301253-63 | 301413-63  | 301466-35 |
| 301075-10 | 301253-10 | 301413-10 | 301466-38 | —         | 301253-64 | 301413-64  | 301466-36 |
| 301075-11 | 301253-11 | None      |           | —         | 301253-65 | 301413-65  | 301466-8  |
| 301075-12 | 301253-12 | 301413-12 | 301466-26 | —         | 301253-66 | 301413-66  |           |
| 301075-13 | None      | None      |           | —         | 301253-67 | 301413-67  | 301466-9  |
| 301075-14 | 301253-14 | None      |           | —         | 301253-68 | 301413-68  |           |
| 301075-15 | 301253-15 | None      |           | —         | 301253-69 | 301413-69  |           |
| 301075-16 | 301253-16 | 301413-16 |           | —         | 301253-70 | 301413-70  |           |
| 301075-17 | 301253-17 | 301413-17 |           | —         | 301253-71 | 301413-71  |           |
| 301075-18 | 301253-18 | 301413-18 |           | —         | 301253-72 | 301413-72  |           |
| 301075-19 | 301253-19 | 301413-19 | 301466-39 | —         | 301253-73 | 301413-73  | 301466-28 |
| 301075-20 | 301253-20 | 301413-20 | 301466-40 | —         | 301253-74 | 301413-74  |           |
| 301075-21 | 301253-21 | 301413-21 | 301466-27 | —         | 301253-75 | 301413-75  |           |
| 301075-22 | 301253-22 | 301413-22 |           | —         | 301253-76 | 301413-76  |           |
| 301075-23 | 301253-23 | None      |           | —         | 301253-77 | 301413-77  |           |
| 301075-24 | 301253-24 | 301413-24 |           | —         | 301253-78 | 301413-78  |           |
| 301075-25 | 301253-25 | 301413-25 |           | —         | 301253-79 | 301413-79  | 301466-10 |
| 301075-26 | 301253-26 | 301413-26 |           | —         | 301253-80 | 301413-80  |           |
| 301075-27 | 301253-27 | 301413-27 | 301466-33 | —         | 301253-81 | 301413-81  | 301466-25 |
| 301075-28 | 301253-28 | 301413-28 |           | —         | 301253-82 | 301413-82  |           |
| 301075-29 | 301253-29 | 301413-29 |           | —         | 301253-83 | 301413-83  |           |
| 301075-30 | 301253-30 | 301413-30 | 301466-1  | —         | 301253-84 | 301413-84  |           |
| 301075-31 | 301253-31 | 301413-31 |           | —         | 301253-85 | 301413-85  |           |
| 301075-32 | 301253-32 | 301413-32 |           | —         | 301253-86 | 301413-86  |           |
| 301075-33 | 301253-33 | 301413-33 |           | —         | 301253-87 | 301413-87  |           |
| 301075-34 | 301253-34 | 301413-34 | 301466-3  | —         | 301253-88 | 301413-88  |           |
| 301075-35 | 301253-35 | 301413-35 | 301466-4  | —         | 301253-89 | 301413-89  | 301466-29 |
| 301075-36 | 301253-36 | 301413-36 |           | —         | 301253-90 | 301413-90  | 301466-30 |
| 301075-37 | 301253-37 | 301413-37 |           | —         | 301253-91 | 301413-91  | 301466-11 |
| 301075-38 | 301253-38 | 301413-38 |           | —         | 301253-92 | 301413-92  |           |
| 301075-39 | 301253-39 | 301413-39 | 301466-2  | —         | 301253-93 | 301413-93  | 301466-12 |
| 301075-40 | 301253-40 | 301413-40 |           | —         | 301253-94 | 301413-94  | 301466-13 |
| 301075-41 | 301253-41 | 301413-41 |           | —         | 301253-95 | 301413-95  | 301466-14 |
| 301075-42 | 301253-42 | 301413-42 |           | —         | 301253-96 | 301413-96  | 301466-31 |
| 301075-43 | 301253-43 | 301413-43 |           | —         | 301253-97 | 301413-97  | 301466-15 |
| 301075-44 | 301253-44 | 301413-44 |           | —         | 301253-98 | 301413-98  |           |
| 301075-45 | 301253-45 | 301413-45 |           | —         | 301253-99 | 301413-99  |           |
| 301075-46 | 301253-46 | 301413-46 |           | —         | —         | 301413-100 |           |
| 301075-47 | None      | None      |           | —         | —         | 301413-101 | 301466-16 |
| 301075-48 | 301253-48 | 301413-48 | 301466-34 | —         | —         | 301413-102 |           |
| 301075-49 | None      | None      |           | —         | —         | 301413-103 |           |
| 301075-50 | 301253-50 | 301413-50 | 301466-5  | —         | —         | 301413-104 | 301466-17 |
| 301075-51 | 301253-51 | 301413-51 |           | —         | —         | —          | 301466-18 |
| 301075-52 | 301253-52 | 301413-52 |           | —         | —         | —          | 301466-19 |
| 301075-53 | 301253-53 | 301413-53 |           | —         | —         | —          | 301466-20 |
| 301075-54 | 301253-54 | 301413-54 |           | —         | —         | —          | 301466-22 |

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## SUPERSESSON LIST OF CM 60 TO ES65-5 BILLS OF MATERIAL

T210-CM60

| 6052B     | 6052B     | 6052B     | ES65-5B   | 6052B        | 6052B        | 6052B        | ES65-5B        |
|-----------|-----------|-----------|-----------|--------------|--------------|--------------|----------------|
| 301082-1  | 301254-1  | 301414-1  |           | (Cont'd)     |              |              |                |
| 301082-2  | 301254-2  | 301414-2  | 301467-10 | —            | 301254-56    | 301414-56    |                |
| 301082-3  | None      | None      |           | —            | 301254-57    | 301414-57    |                |
| 301082-4  | 301254-4  | None      |           | —            | 301254-58    | 301414-58    |                |
| 301082-5  | None      | None      |           | —            | 301254-59    | 301414-59    |                |
| 301082-6  | None      | None      |           | —            | 301254-60    | 301414-60    |                |
| 301082-7  | 301254-7  | None      |           | —            | 301254-61    | 301414-61    |                |
| 301082-8  | 301254-8  | None      |           | —            | 301254-62    | 301414-62    |                |
| 301082-9  | 301254-9  | None      |           | —            | 301254-63    | 301414-63    | 301467-5       |
| 301082-10 | 301254-10 | 301414-10 |           | —            | 301254-64    | 301414-64    |                |
| 301082-11 | 301254-11 | 301414-11 |           | —            | —            | 301414-65    | 301467-8       |
| 301082-12 | 301254-12 | 301414-12 |           | —            | —            | 301414-66    | 301467-6       |
| 301082-13 | 301254-13 | 301414-13 |           | —            | —            | 301414-67    | 301467-7       |
| 301082-14 | None      | None      |           | —            | —            | —            | 301467-12      |
| 301082-15 | 301254-15 | 301414-15 |           |              |              |              |                |
| 301082-16 | 301254-16 | 301414-16 |           |              |              |              |                |
| 301082-17 | 301254-17 | 301414-17 | 301467-3  | <b>6052C</b> | <b>6052C</b> | <b>6052C</b> | <b>ES65-5E</b> |
| 301082-18 | 301254-18 | 301414-18 | 301467-4  | 301083-1     | 301255-1     | 301415-1     | 301468-1       |
| 301082-19 | 301254-19 | 301414-19 | 301467-9  | 301083-2     | None         | None         |                |
| 301082-20 | 301254-20 | 301414-20 |           | 301083-3     | 301255-3     | 301415-3     |                |
| 301082-21 | 301254-21 | 301414-21 |           | 301083-4     | 301255-4     | None         |                |
| 301082-22 | 301254-22 | 301414-22 |           | 301083-5     | None         | None         |                |
| 301082-23 | 301254-23 | 301414-23 |           | 301083-6     | 301255-6     | 301415-6     |                |
| 301082-24 | 301254-24 | 301414-24 |           | 301083-7     | 301255-7     | 301415-7     | 301468-2       |
| 301082-25 | 301254-25 | 301414-25 |           | 301083-8     | 301255-8     | 301415-8     | 301468-5       |
| 301082-26 | 301254-26 | 301414-26 |           | 301083-9     | None         | None         |                |
| 301082-27 | 301254-27 | 301414-27 |           | 301083-10    | None         | None         |                |
| 301082-28 | 301254-28 | 301414-28 |           | 301083-11    | 301255-11    | 301415-11    |                |
| 301082-29 | None      | None      |           | 301083-12    | None         | None         |                |
| 301082-30 | 301254-30 | 301414-30 |           | 301083-13    | 301255-13    | 301415-13    |                |
| 301082-31 | 301254-31 | 301414-31 |           | 301083-14    | 301255-14    | 301415-14    | 301468-16      |
| 301082-32 | 301254-32 | 301414-32 |           | 301083-15    | 301255-15    | 301415-15    |                |
| 301082-33 | 301254-33 | 301414-33 | 301467-11 | 301083-16    | 301255-16    | 301415-16    | 301468-6       |
| —         | 301254-34 | 301414-34 |           | 301083-17    | 301255-17    | 301415-17    |                |
| —         | 301254-35 | 301414-35 | 301467-1  | 301083-18    | 301255-18    | 301415-18    | 301468-18      |
| —         | 301254-36 | 301414-36 |           | 301083-19    | None         | None         |                |
| —         | 301254-37 | 301414-37 |           | 301083-20    | None         | None         |                |
| —         | 301254-38 | 301414-38 |           | 301083-21    | 301255-21    | 301415-21    |                |
| —         | 301254-39 | 301414-39 |           | 301083-22    | 301255-22    | 301415-22    |                |
| —         | 301254-40 | 301414-40 |           | 301083-23    | 301255-23    | 301415-23    | 301468-22      |
| —         | 301254-41 | 301414-41 |           | 301083-24    | 301255-24    | 301415-24    | 301468-4       |
| —         | 301254-42 | 301414-42 |           | 301083-25    | 301255-25    | 301415-25    |                |
| —         | 301254-43 | 301414-43 |           | 301083-26    | 301255-26    | 301415-26    | 301468-23      |
| —         | 301254-44 | 301414-44 |           | 301083-27    | 301255-27    | 301415-27    |                |
| —         | 301254-45 | 301414-45 |           | 301083-28    | 301255-28    | 301415-28    | 301468-19      |
| —         | 301254-46 | 301414-46 |           | 301083-29    | 301255-29    | 301415-29    |                |
| —         | 301254-47 | 301414-47 |           | 301083-30    | None         | None         |                |
| —         | 301254-48 | 301414-48 |           | 301083-31    | 301255-31    | 301415-31    |                |
| —         | 301254-49 | 301414-49 |           | 301083-32    | None         | None         |                |
| —         | 301254-50 | 301414-50 |           | 301083-33    | 301255-33    | 301415-33    | 301468-7       |
| —         | 301254-51 | 301414-51 |           | 301083-34    | 301255-34    | 301415-34    | 301468-8       |
| —         | 301254-52 | 301414-52 |           | 301083-35    | 301255-35    | 301415-35    |                |
| —         | 301254-53 | 301414-53 | 301467-2  | —            | 301255-36    | 301415-36    |                |
| —         | 301254-54 | 301414-54 |           | —            | 301255-37    | 301415-37    |                |
| —         | 301254-55 | 301414-55 |           |              |              |              |                |

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

## SUPERSESSION LIST OF CM60 TO ES65-5 BILLS OF MATERIAL



### T210-CM60

| 6052C        | 6052C        | 6052C        | ES65-5E        | 6252A        | 6252A        | 6252A        | ES65-5        |
|--------------|--------------|--------------|----------------|--------------|--------------|--------------|---------------|
| —            | None         | None         |                | 301084-1     | 301257-1     | None         | None          |
| —            | 301255-39    | 301415-39    |                | 301084-2     | 301257-2     | None         | None          |
| —            | 301255-40    | 301415-40    |                | 301084-3     | 301257-3     | None         | None          |
| —            | 301255-41    | 301415-41    | 301468-21      | 301084-4     | 301257-4     | None         | None          |
| —            | 301255-42    | 301415-42    | 301468-9       | 301084-5     | 301257-5     | None         | None          |
| —            | 301255-43    | 301415-43    | 301468-26      | 301084-6     | 301257-6     | None         | None          |
| —            | 301255-44    | 301415-44    |                | 301084-7     | 301257-7     | None         | None          |
| —            | 301255-45    | 301415-45    |                | 301084-8     | 301257-8     | None         | None          |
| —            | 301255-46    | 301415-46    |                | —            | 301257-9     | None         | None          |
| —            | None         | None         |                |              |              |              |               |
| —            | 301255-48    | 301415-48    |                | <b>6252B</b> | <b>6252B</b> | <b>6252B</b> | <b>ES65-5</b> |
| —            | 301255-49    | 301415-49    |                | 301085-1     | 301258-1     | 301417-1     | None          |
| —            | 301255-50    | 301415-50    | 301468-10      | 301085-2     | 301258-2     | 301417-2     | None          |
| —            | 301255-51    | 301415-51    |                | 301085-3     | 301258-3     | 301417-3     | None          |
| —            | 301255-52    | 301415-52    |                | 301085-4     | None         | None         | None          |
| —            | 301255-53    | 301415-53    |                | 301085-5     | 301258-5     | 301417-5     | None          |
| —            | 301255-54    | 301415-54    | 301468-11      | 301085-6     | 301258-6     | 301417-6     | None          |
| —            | 301255-55    | 301415-55    |                | 301085-7     | 301258-7     | 301417-7     | None          |
| —            | 301255-56    | 301415-56    |                | 301085-8     | 301258-8     | 301417-8     | None          |
| —            | 301255-57    | 301415-57    | 301468-12      | 301085-9     | 301258-9     | 301417-9     | None          |
| —            | 301255-58    | 301415-58    | 301468-13      | 301085-10    | 301258-10    | 301417-10    | None          |
| —            | 301255-59    | 301415-59    | 301468-20      | 301085-11    | 301258-11    | 301417-11    | None          |
| —            | 301255-60    | 301415-60    | 301468-14      | 301085-12    | 301258-12    | 301417-12    | None          |
| —            | 301255-61    | 301415-61    | 301468-17      | 301085-13    | 301258-13    | 301417-13    | None          |
| —            | —            | 301415-62    |                | 301085-14    | 301258-14    | 301417-14    | None          |
| —            | —            | 301415-63    | 301468-15      | 301085-15    | 301258-15    | 301417-15    | None          |
| —            | —            | 301415-64    |                | 301085-16    | 301258-16    | 301417-16    | None          |
| —            | —            | —            | 301468-24      | 301085-17    | 301258-17    | 301417-17    | None          |
| —            | —            | —            | 301468-25      | 301085-18    | 301258-18    | 301417-18    | None          |
| —            | —            | —            | 301468-28      | 301085-19    | 301258-19    | 301417-19    | None          |
| <b>6052D</b> | <b>6052D</b> | <b>6052D</b> | <b>ES65-5D</b> | 301085-20    | 301258-20    | 301417-20    | None          |
| 301157-1     | None         | None         |                | 301085-21    | 301258-21    | 301417-21    | None          |
| 301157-2     | 301256-2     | 301416-2     | 301469-1       | 301085-22    | 301258-22    | 301417-22    | None          |
| 301157-3     | 301256-3     | 301416-3     | 301469-2       | 301085-23    | 301258-23    | 301417-23    | None          |
| —            | None         | None         |                | 301085-24    | 301258-24    | 301417-24    | None          |
| —            | 301256-5     | 301416-5     |                | 301085-25    | 301258-25    | 301417-25    | None          |
| —            | 301256-6     | 301416-6     |                | 301085-26    | 301258-26    | 301417-26    | None          |
| —            | 301256-7     | 301416-7     |                | 301085-27    | 301258-27    | 301417-27    | None          |
| —            | 301256-8     | 301416-8     |                | 301085-28    | 301258-28    | 301417-28    | None          |
| —            | 301256-9     | 301416-9     | 301469-5       | 301085-29    | 301258-29    | 301417-29    | None          |
| —            | 301256-10    | 301416-10    | 301469-12      | —            | 301258-30    | 301417-30    | None          |
| —            | 301256-11    | 301416-11    |                | —            | 301258-31    | 301417-31    | None          |
| —            | 301256-12    | 301416-12    |                | —            | 301258-32    | 301417-32    | None          |
| —            | 301256-13    | 301416-13    |                | —            | 301258-33    | 301417-33    | None          |
| —            | 301256-14    | 301416-14    |                | —            | 301258-34    | 301417-34    | None          |
| —            | 301256-15    | 301416-15    |                | —            | 301258-35    | 301417-35    | None          |
| —            | 301256-16    | 301416-16    | 301469-6       | —            | 301258-36    | 301417-36    | None          |
| —            | 301256-17    | 301416-17    |                | —            | 301258-37    | 301417-37    | None          |
| —            | 301256-18    | 301416-18    |                | —            | 301258-38    | 301417-38    | None          |
| —            | 301256-19    | 301416-19    | 301469-7       | —            | 301258-39    | 301417-39    | None          |
| —            | 301256-20    | 301416-20    | 301469-8       | —            | 301258-40    | 301417-40    | None          |
| —            | 301256-21    | 301416-21    |                | —            | 301258-41    | 301417-41    | None          |
| —            | —            | 301416-22    |                | —            | 301258-42    | 301417-42    | None          |
| —            | —            | 301416-23    |                | —            | 301258-43    | 301417-43    | None          |
| —            | —            | 301416-24    | 301469-9       | —            | 301258-44    | 301417-44    | None          |
| —            | —            | 301416-25    | 301469-10      |              |              |              |               |

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**SPICER®**

# MODEL CM60

## SUPERSESSON LIST OF CM60 TO ES65-5

### BILLS OF MATERIAL

**T210-CM60**

| 6253A        | 6253A        | 6253A        | ES65-5        | 6253B     | 6253B     | 6253B     | ES65-5 |
|--------------|--------------|--------------|---------------|-----------|-----------|-----------|--------|
| 301086-1     | 301259-1     | None         | None          | 301087-5  | 301260-5  | 301418-5  | None   |
| 301086-2     | 301259-2     | None         | None          | 301087-6  | 301260-6  | 301418-6  | None   |
| 301086-3     | 301259-3     | None         | None          | 301087-7  | 301260-7  | 301418-7  | None   |
| 301086-4     | None         | None         | None          | 301087-8  | 301260-8  | 301418-8  | None   |
| 301086-5     | 301259-5     | None         | None          | 301087-9  | 301260-9  | 301418-9  | None   |
| 301086-6     | None         | None         | None          | 301087-10 | 301260-10 | 301418-10 | None   |
| 301086-7     | 301259-7     | None         | None          | 301087-11 | 301260-11 | 301418-11 | None   |
| 301086-8     | 301259-8     | None         | None          | 301087-12 | None      | None      | None   |
| 301086-9     | 301259-9     | None         | None          | 301087-13 | 301260-13 | 301418-13 | None   |
| 301086-10    | 301259-10    | None         | None          | 301087-14 | None      | None      | None   |
| 301086-11    | 301259-11    | None         | None          | 301087-15 | 301260-15 | 301418-15 | None   |
| 301086-12    | 301259-12    | None         | None          | 301087-16 | 301260-16 | 301418-16 | None   |
| 301086-13    | 301259-13    | None         | None          | 301087-17 | 301260-17 | 301418-17 | None   |
| 301086-14    | 301259-14    | None         | None          | 301087-18 | 301260-18 | 301418-18 | None   |
| 301086-15    | 301259-15    | None         | None          | 301087-19 | 301260-19 | 301418-19 | None   |
| 301086-16    | None         | None         | None          | —         | 301260-20 | 301418-20 | None   |
| 301086-17    | 301259-17    | None         | None          | —         | 301260-21 | 301418-21 | None   |
| 301086-18    | 301259-18    | None         | None          | —         | 301260-22 | 301418-22 | None   |
| 301086-19    | 301259-19    | None         | None          | —         | 301260-23 | 301418-23 | None   |
| 301086-20    | 301259-20    | None         | None          | —         | 301260-24 | 301418-24 | None   |
| 301086-21    | 301259-21    | None         | None          | —         | 301260-25 | 301418-25 | None   |
| —            | 301259-22    | None         | None          | —         | 301260-26 | 301418-26 | None   |
| —            | 301259-23    | None         | None          | —         | 301260-27 | 301418-27 | None   |
| —            | 301259-24    | None         | None          | —         | 301260-28 | 301418-28 | None   |
| —            | 301259-25    | None         | None          | —         | 301260-29 | 301418-29 | None   |
| —            | 301259-26    | None         | None          | —         | 301260-30 | 301418-30 | None   |
| —            | 301259-27    | None         | None          | —         | 301260-31 | 301418-31 | None   |
| <b>6253B</b> | <b>6253B</b> | <b>6253B</b> | <b>ES65-5</b> | —         | —         | 301418-32 | None   |
| 301087-1     | 301260-1     | 301418-1     | None          | —         | —         | 301418-33 | None   |
| 301087-2     | 301260-2     | 301418-2     | None          | —         | —         | 301418-34 | None   |
| 301087-3     | 301260-3     | 301418-3     | None          | —         | —         | 301418-35 | None   |
| 301087-4     | 301260-4     | 301418-4     | None          | —         | —         | 301418-36 | None   |

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# MODEL CM60

SPICER®



T210-CM60

## TABULATED BILLS OF MATERIAL

| Tab No.     | Used By          | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|-------------|------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|             |                  |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model 6052A |                  |                     |                |              |                       |                     |                            |                   |
| 301075      |                  |                     |                |              |                       |                     |                            |                   |
| -1          | Service          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -2          | Service          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -3          | Service          | Push Type           | 2              | 62-518-27-1X | —                     | 63-35-3*            | 63-19-23-1X**              | 63-15-1-1X        |
| -4          | Ford             | Push Type           | —              | —            | —                     | 63-35-18*           | 63-19-20-1X**              | 63-15-11-1X       |
| -5          | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-15*           | 63-19-21-1X**              | 63-15-5-1X++      |
| -6          | Navistar         | Push Type           | —              | —            | —                     | 63-35-14*           | 63-19-4-1X**               | 63-15-10-1X***    |
| -7          | Ford             | Push Type           | 2              | 62-518-35-1X | —                     | 63-35-15*           | 63-19-21-1X**              | 63-15-5-1X++      |
| -8          | Harnischfeger    | Push Type           | 2              | 62-518-29-1X | 42                    | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-1X        |
| -9          | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-5-1X++      |
| -10         | AM General       | Pull Type           | 2              | 62-518-29-1X | 94                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -11         | Oshkosh (Africa) | Push Type           | 2              | 62-518-29-1X | 40                    | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-1X        |
| -12         | Mack             | Pull Type           | 2              | 62-518-36-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -13         | Ford             | Push Type           | 2              | 313249       | —                     | 63-35-15*           | 63-19-12-1X**              | 63-15-11-1X       |
| -14         | Mack             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -15         | White            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -16         | Volvo GM         | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -17         | Gardner-Denver   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -18 §       | GMC              | —                   | —              | —            | —                     | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-3X        |
| -19         | GMC              | Push Type           | 2              | 312098X      | —                     | 63-35-13*           | 63-19-17-2-1X**            | 63-15-1-3X        |
| -20         | Volvo GM         | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-1X        |
| -21 §       | GMC              | —                   | —              | —            | —                     | 63-35-13*           | 63-19-17-2-1X**            | 63-15-3-1X        |
| -22         | Kenworth         | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-2X        |
| -23         | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-15*           | 63-19-15-1X**              | 63-15-15-1X       |
| -24         | Spartan Motors   | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -25         | Navistar         | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-10-2X***    |
| -26         | Service          | Pull Type           | 2              | 62-518-29-1X | 59                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -27         | Service          | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -28         | Cooper           | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -29         | Cooper           | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -30         | Navistar         | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-10-1X***    |
| -31         | Spartan          | Push Type           | 2              | 62-518-29-1X | 22                    | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-1X        |
| -32         | GMC              | Push Type           | 2              | 312098X      | —                     | 63-35-13*           | 63-19-17-2-1X**            | 63-15-1-3X        |
| -33         | Service          | Pull Type           | —              | —            | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-10-1X***    |
| -34 §       | Service          | Push Type           | —              | —            | —                     | 63-35-3*            | 63-19-23-1X**              | 63-15-1-1X        |
| -35 §       | Service          | Push Type           | —              | —            | —                     | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-1X        |
| -36         | Hendrickson      | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |
| -37         | Navistar         | Pull Type           | —              | —            | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-10-1X***    |
| -38         | GMC              | Push Type           | —              | —            | —                     | 63-35-1*            | 63-19-17-3-1X**            | 63-15-1-3X        |
| -39         | Navistar         | Push Type           | 2              | 73-518-3     | —                     | 63-35-14*           | 63-19-4-1X**               | 63-15-10-1X***    |
| -40         | Scot LTD         | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-1*            | 63-19-1-1X**               | 63-15-1-1X        |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service.

+ + This part has been superseded by 63-15-15-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.    | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|               |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301075        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -3            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -4            | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -5            | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -6            | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -7            | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -8            | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-3-5X                         | —                                   | 47-16-8-2X                          |
| -9            | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -10           | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-5-1-2121                                    | 63-16-3-1X                         | —                                   | 47-16-9-2X                          |
| -11           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -12           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -13           | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -14           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -15           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -16           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -17           | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-3X                          | —                                   |
| -18           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -19           | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -20           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -21           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -22           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-3X                          | —                                   |
| -23           | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -24           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -25           | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -26           | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-3X                          | —                                   |
| -27           | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -28           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -29           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -30           | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -31           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -32           | 63-19-6-2X                                                                | 62-452-9                                | —                     | 5-4-1661                                      | 63-16-9-1X                         | —                                   | —                                   |
| -33           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -35           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -36           | 63-19-6-2X                                                                | 62-452-2                                | —                     | 5-4-1661                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -37           | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -38           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -39           | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -40           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-3-2X                         | —                                   | —                                   |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6052A(Cont'd)

#### 301075

|     |                |           |   |              |     |           |                 |                |
|-----|----------------|-----------|---|--------------|-----|-----------|-----------------|----------------|
| -41 | Am. LaFrance   | Push Type | 1 | 62-518-32-1X | 113 | 63-35-1*  | 63-19-17-3-1X** | 63-15-1-1X     |
| -42 | Challenger Rig | Pull Type | 2 | 62-518-29-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -43 | Challenger Rig | Pull Type | 2 | 62-518-29-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -44 | S.Madill LTD   | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -45 | Wichita Eng.   | Pull Type | 2 | 62-518-29-1X | 80  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
|     |                |           |   |              |     |           |                 |                |
| -46 | Wichita Eng.   | Pull Type | 2 | 62-518-27-1X | 15  | 63-35-3*  | 63-19-1-1X**    | 63-15-1-1X     |
| -47 | Navistar       | Push Type | 2 | 62-518-34    | —   | 63-35-14* | 63-19-4-1X**    | 63-15-10-1X*** |
| -48 | Navistar       | Push Type | 2 | 73-518-3     | —   | 63-35-14* | 63-19-4-1X**    | 63-15-10-1X*** |
| -49 | Ford           | Pull Type | 2 | 62-518-30-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-5-1X++   |
| -50 | Navistar       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-55* | 63-19-1-1X**    | 63-15-10-1X*** |
|     |                |           |   |              |     |           |                 |                |
| -51 | Kabus Finland  | Pull Type | 1 | 62-518-32-1X | 79  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -52 | Gillig         | Pull Type | 2 | 62-518-29-1X | 68  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -53 | Duplex         | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -54 | Service        | Pull Type | 1 | 62-518-32-1X | 84  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -55 | Mack           | Pull Type | 1 | 62-518-32-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
|     |                |           |   |              |     |           |                 |                |
| -56 | Navistar       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-55* | 63-19-1-1X**    | 63-15-10-2X*** |
| -57 | Autocar        | Pull Type | 2 | 62-518-29-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -58 | GMC            | Pull Type | 2 | 62-518-31-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-3X     |

### Model CM6052B

#### 301082

|      |               |           |   |              |    |           |                 |                |
|------|---------------|-----------|---|--------------|----|-----------|-----------------|----------------|
| -1   | Service       | Pull Type | 2 | 62-518-29-1X | —  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -2   | Navistar      | Push Type | — | —            | —  | 63-35-14* | 63-19-4-1X**    | 63-15-10-1X*** |
| -3   | Ford          | Push Type | 2 | 313243       | —  | 63-35-15* | 63-19-15-1X**   | 63-15-5-1X++   |
| -4   | Ford          | Push Type | — | —            | —  | 63-35-18* | 63-19-12-1X**   | 63-15-11-1X    |
| -5   | Ford          | Push Type | 2 | 62-518-35-1X | —  | 63-35-15* | 63-19-15-1X**   | 63-15-5-1X++   |
|      |               |           |   |              |    |           |                 |                |
| -6   | Ford          | Pull Type | 2 | 62-518-30-1X | —  | 63-35-1*  | 63-19-1-1X**    | 63-15-5-1X++   |
| -7   | Tryco         | Pull Type | 2 | 62-518-29-1X | 59 | 63-35-1*  | 63-19-1-1X**    | 63-15-9-1X     |
| -8   | Warner-Swasey | Push Type | 2 | 62-518-27-1X | 43 | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X     |
| -9   | G.M.C.        | Push Type | — | —            | —  | 63-35-13* | 63-19-17-2-1X** | 63-15-1-3X     |
| -10  | Service       | Pull Type | 1 | 62-518-32-1X | 84 | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
|      |               |           |   |              |    |           |                 |                |
| -11  | Jack Tidd     | Pull Type | 1 | 62-518-32-1X | 90 | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -12  | G.M.C.        | Push Type | — | —            | —  | 63-35-13* | 63-19-17-2-1X** | 63-15-1-3X     |
| -13  | Ward LaFrance | Pull Type | 1 | 62-518-32-1X | 94 | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -14  | Ford          | Push Type | 2 | 313243       | —  | 63-35-15* | 63-19-15-1X**   | 63-15-15-1X    |
| -15  | Terra Flex    | Push Type | 2 | 62-518-27-1X | 39 | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X     |
|      |               |           |   |              |    |           |                 |                |
| -16  | Service       | Pull Type | 2 | 62-518-29-1X | 94 | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X     |
| -17§ | Service       | Push Type | — | —            | —  | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X     |
| -18§ | Service       | Push Type | — | —            | —  | 63-35-1*  | 63-19-17-3-1X** | 63-15-1-1X     |
| -19  | G.M.C.        | Push Type | 2 | 312098X      | —  | 63-35-13* | 63-19-17-2-1X** | 63-15-1-3X     |
| -20  | Service       | Push Type | 2 | 62-518-27-1X | 45 | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X     |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service

+ + This part has been superseded by 63-15-15-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab No. | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|         |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |

## Model 6052A (Cont'd)

## 301075

|     |             |          |          |          |            |            |            |
|-----|-------------|----------|----------|----------|------------|------------|------------|
| -41 | 63-19-6-2X  | —        | —        | —        | 63-16-3-1X | —          | 47-16-8-2X |
| -42 | 63-19-6-2X  | —        | —        | —        | 63-16-3-1X | 47-16-3-1X | —          |
| -43 | 63-19-6-2X  | —        | —        | —        | 63-16-1-1X | —          | 47-16-8-2X |
| -44 | 63-19-6-2X  | —        | —        | 5-4-1661 | 63-16-1-1X | —          | 47-16-8-2X |
| -45 | 63-19-6-2X  | —        | —        | —        | 63-16-3-1X | 47-16-3-1X | —          |
| -46 | 63-19-6-2X  | —        | —        | —        | 63-16-3-1X | 47-16-3-1X | —          |
| -47 | 63-19-10-2X | 63-452-1 | —        | —        | 63-16-1-1X | —          | —          |
| -48 | 63-19-8-2X  | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -49 | • 47-360-1  | —        | —        | —        | 63-16-3-2X | —          | —          |
| -50 | 63-19-10-2X | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -51 | 63-19-6-2X  | 62-452-3 | 62-453-5 | 6-1-2221 | 63-16-3-1X | —          | 47-16-8-2X |
| -52 | 63-19-6-2X  | —        | —        | 5-1-3141 | 63-16-3-1X | —          | 47-16-8-5X |
| -53 | 63-19-6-2X  | 62-452-3 | 62-453-4 | —        | 63-16-3-1X | —          | 47-16-8-2X |
| -54 | 63-19-6-2X  | —        | —        | 6-1-2221 | 63-16-3-1X | 47-16-3-1X | —          |
| -55 | 63-19-6-2X  | —        | —        | —        | 63-16-1-1X | —          | —          |
| -56 | 63-19-8-2X  | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -57 | 63-19-6-2X  | 62-452-3 | —        | —        | 63-16-1-1X | —          | —          |
| -58 | 63-19-6-2X  | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |

## Model CM6052B

## 301082

|     |             |          |          |          |            |            |            |
|-----|-------------|----------|----------|----------|------------|------------|------------|
| -1  | 63-19-6-2X  | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | —          | —          |
| -2  | 63-19-10-2X | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -3  | • 47-360-1  | —        | —        | —        | 63-16-1-1X | —          | —          |
| -4  | • 47-360-1  | —        | —        | —        | 63-16-1-1X | —          | —          |
| -5  | • 47-360-1  | —        | —        | —        | 63-16-3-2X | —          | —          |
| -6  | • 47-360-1  | —        | —        | —        | 63-16-1-1X | —          | —          |
| -7  | 63-19-28-2X | 62-452-3 | 62-453-5 | 5-1-278X | 63-16-1-1X | —          | 47-16-8-2X |
| -8  | 63-19-6-2X  | —        | —        | 5-4-1661 | 63-16-1-1X | —          | 47-16-8-3X |
| -9  | 63-19-28-2X | —        | —        | —        | —          | —          | —          |
| -10 | 63-19-6-2X  | 62-452-3 | 62-453-4 | 5-4-1661 | 63-16-1-1X | 47-16-3-3X | —          |
| -11 | 63-19-6-2X  | —        | —        | 5-1-3141 | 63-16-3-1X | —          | 47-16-8-2X |
| -12 | 63-19-6-2X  | —        | —        | —        | —          | —          | —          |
| -13 | 63-19-6-2X  | 62-452-9 | 62-453-8 | 6-1-2221 | 63-16-3-1X | —          | 47-16-8-2X |
| -14 | —           | —        | —        | —        | 63-16-1-1X | —          | —          |
| -15 | 63-19-6-2X  | —        | —        | 5-1-3141 | 63-16-1-1X | —          | 47-16-8-2X |
| -16 | 63-19-6-2X  | 62-452-3 | 62-453-5 | —        | 63-16-3-1X | 47-16-3-1X | —          |
| -17 | 63-19-6-2X  | —        | —        | —        | —          | —          | —          |
| -18 | 63-19-6-2X  | —        | —        | —        | —          | —          | —          |
| -19 | 63-19-6-2X  | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |
| -20 | 63-19-6-2X  | 62-452-2 | 62-452-1 | 4-1-3781 | 63-16-3-1X | —          | 47-16-8-2X |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6052B (Cont'd)

**301082**

|     |                |           |   |              |     |           |                 |                 |
|-----|----------------|-----------|---|--------------|-----|-----------|-----------------|-----------------|
| -21 | G.M.C.         | Push Type | — | —            | —   | 63-35-13* | 63-19-17-2-1X** | 63-15-1-3X      |
| -22 | G.M.C.         | Push Type | — | —            | —   | 63-35-13* | 63-19-17-2-1X** | 63-15-3-1X      |
| -23 | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X      |
| -24 | Navistar       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-10-1X***  |
| -25 | Service Unidos | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X      |
| -26 | Aetnas         | Push Type | 2 | 62-518-27-1X | 57  | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X      |
| -27 | Service        | Push Type | 2 | 62-518-27-1X | 45  | 63-35-3*  | 63-19-23-1X**   | 63-15-1-1X      |
| -28 | Hahn           | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X      |
| -29 | Ford           | Pull Type | 2 | 62-518-30-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-5-1X \$\$ |
| -30 | Mack           | Pull Type | 2 | 62-518-36-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X      |
| -31 | Kenworth       | Pull Type | 1 | 62-518-32-1X | 64  | 63-35-1*  | 63-19-1-1X**    | 63-15-1-1X      |
| -32 | G.M.C.         | Pull Type | 2 | 62-518-31-1X | —   | 63-35-1*  | 63-19-1-1X**    | 63-15-1-3X      |
| -33 | Navistar       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-55* | 63-19-1-1X**    | 63-15-10-2X***  |

### Model CM6052C

**301083**

|      |                               |           |   |              |     |           |                 |                 |
|------|-------------------------------|-----------|---|--------------|-----|-----------|-----------------|-----------------|
| -1   | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -2   | Ford                          | Push Type | — | —            | —   | 63-35-24* | 63-19-12-1X**   | 63-15-11-1X     |
| -3   | Navistar                      | Push Type | — | —            | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-10-1X***  |
| -4   | Ford                          | Push Type | 2 | 313243       | —   | 63-35-23* | 63-19-15-1X**   | 63-15-5-1X \$\$ |
| -5   | Ford                          | Push Type | 2 | 62-518-35-1X | —   | 63-35-23* | 63-19-15-1X**   | 63-15-5-1X \$\$ |
| -6   | Am. LaFrance                  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-8*  | 63-19-17-3-1X** | 63-15-1-1X      |
| -7   | G.M.C.                        | Push Type | 2 | 312098X      | —   | 63-35-29* | 63-19-17-2-1X** | 63-15-1-3X      |
| -8   | G.M.C.                        | Pull Type | 2 | 62-518-31-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-3X      |
| -9   | Never released for Production |           |   |              |     |           |                 |                 |
| -10  | Ford                          | Pull Type | 2 | 62-518-30-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-5-1X \$\$ |
| -11  | Omnibuses S.A.                | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -12  | Ford                          | Push Type | 2 | 313249       | —   | 63-35-23* | 63-19-12-1X**   | 63-15-11-1X     |
| -13  | Volvo GM                      | Push Type | 2 | 62-518-29-1X | —   | 63-35-8*  | 63-19-17-3-1X** | 63-15-1-1X      |
| -14  | Volvo GM                      | Pull Type | 2 | 62-518-29-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -15§ | G.M.C.                        | Push Type | — | —            | —   | 63-35-29* | 63-19-17-2-1X** | 63-15-1-3X      |
| -16§ | G.M.C.                        | Pull Type | — | —            | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-3X      |
| -17  | Volvo GM                      | Pull Type | 2 | 62-518-29-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -18  | Mack                          | Pull Type | 1 | 62-518-32-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -19  | Brockway                      | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -20  | Navistar                      | Push Type | 2 | 62-518-34    | —   | 63-35-21* | 63-19-4-1X**    | 63-15-10-1X***  |
| -21  | Service                       | Pull Type | 1 | 62-518-32-1X | 84  | 63-35-8*  | 63-19-1-1X**    | 63-15-1-1X      |
| -22  | Navistar                      | Pull Type | 1 | 62-518-32-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-10-1X***  |
| -23  | Navistar                      | Pull Type | 2 | 62-518-29-1X | —   | 63-35-8*  | 63-19-1-1X**    | 63-15-10-1X***  |
| -24§ | Service                       | —         | — | —            | —   | 63-35-8*  | 63-19-17-3-1X** | 63-15-1-3X      |
| -25  | Service                       | —         | — | —            | —   | 63-35-23* | 63-19-15-1X**   | 63-15-10-1X***  |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service

+ + This part has been superseded by 63-15-15-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301082                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -21                    | 63-19-28-2X                                                               | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -23                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -24                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -25                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -26                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -29                    | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -30                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -31                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -32                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -33                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |

**Model CM6052C****301083**

|     |                               |          |          |          |            |            |            |
|-----|-------------------------------|----------|----------|----------|------------|------------|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | —          | —          |
| -2  | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -3  | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -4  | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -5  | • 47-360-1                    | —        | —        | —        | 63-16-3-2X | —          | —          |
| -6  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —          | 47-16-8-2X |
| -7  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |
| -8  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |
| -9  | Never released for Production |          | —        | —        | —          | —          | —          |
| -10 | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -11 | 63-19-27-2X                   | 62-452-2 | 62-452-1 | 6-4-2361 | 63-16-1-1X | —          | 47-16-8-2X |
| -12 | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -13 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —          | —          |
| -14 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —          | —          |
| -15 | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -16 | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -17 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -18 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -19 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | —        | 63-16-1-1X | —          | —          |
| -20 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -21 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | —        | 63-16-1-1X | 47-16-3-1X | —          |
| -22 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -23 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -24 | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -25 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab<br>No.             | Used By                       | For Use<br>With<br>Clutch | CLUTCH HOUSING |                 |                                | Main Drive<br>Gear<br>A-1 | Drive Gear<br>Bearing<br>Cap<br>F-2 | Case<br>Assembly<br>G-1 |
|------------------------|-------------------------------|---------------------------|----------------|-----------------|--------------------------------|---------------------------|-------------------------------------|-------------------------|
|                        |                               |                           | S<br>A<br>E    | Assembly<br>No. | Rel.<br>Code<br>Pages<br>18-19 |                           |                                     |                         |
| Model CM6052C (Cont'd) |                               |                           |                |                 |                                |                           |                                     |                         |
| 301083                 |                               |                           |                |                 |                                |                           |                                     |                         |
| -26                    | Navistar                      | Push Type                 | 2              | 73-518-3        | —                              | 63-35-21*                 | 63-19-4-1X**                        | 63-15-10-1X***          |
| -27                    | G.M.C.                        | Push Type                 | —              | —               | —                              | 63-35-29*                 | 63-19-17-2-1X**                     | 63-15-1-3X              |
| -28                    | G.M.C.                        | Push Type                 | 2              | 312098X         | —                              | 63-35-29*                 | 63-19-17-2-1X**                     | 63-15-1-3X              |
| -29                    | Never released for Production |                           |                |                 |                                |                           |                                     |                         |
| -30                    | Navistar                      | Push Type                 | 2              | 62-518-34       | —                              | 63-35-21*                 | 63-19-4-1X**                        | 63-15-10-1X***          |
| -31                    | Geo. Space Co.                | Pull Type                 | 1              | 62-518-32-1X    | 90                             | 63-35-8*                  | 63-19-1-1X**                        | 63-15-1-1X              |
| -32                    | Ford                          | Pull Type                 | 2              | 62-518-30-1X    | —                              | 63-35-8*                  | 63-19-1-1X**                        | 63-15-5-1X++            |
| -33                    | Navistar                      | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-54*                 | 63-19-1-1X**                        | 63-15-10-1X***          |
| -34                    | Navistar                      | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-54*                 | 63-19-1-1X**                        | 63-15-10-1X***          |
| -35                    | Am. LaFrance                  | Push Type                 | 1              | 62-518-32-1X    | 113                            | 63-35-8*                  | 63-19-17-3-1X**                     | 63-15-1-1X              |
| Model CM6052D          |                               |                           |                |                 |                                |                           |                                     |                         |
| 301157                 |                               |                           |                |                 |                                |                           |                                     |                         |
| -1                     | Ford                          | Pull Type                 | 2              | 62-518-30-1X    | —                              | 63-35-1*                  | 63-19-1-1X**                        | 63-15-5-1X++            |
| -2                     | Navistar                      | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-1*                  | 63-19-1-1X**                        | 63-15-10-1X***          |
| -3                     | Navistar                      | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-55*                 | 63-19-1-1X**                        | 63-15-10-1X***          |
| Model CM6252A          |                               |                           |                |                 |                                |                           |                                     |                         |
| 301084                 |                               |                           |                |                 |                                |                           |                                     |                         |
| -1                     | Service                       | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-10*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -2                     | GMC                           | Push Type                 | 2              | 312098X         | —                              | 63-35-25*                 | 63-19-17-2-1X**                     | 63-15-1-3X              |
| -3                     | Omnibuses S.A.                | Pull Type                 | 2              | 62-518-29-1X    | 90                             | 63-35-10*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -4                     | Service                       | Push Type                 | 2              | 312098X         | —                              | 63-35-25*                 | 63-19-17-2-1X**                     | 63-15-1-3X              |
| -5§                    | Service                       | Push Type                 | —              | —               | —                              | 63-35-10*                 | 63-19-17-3-1X**                     | 63-15-1-3X              |
| -6                     | Dina                          | Pull Type                 | 2              | 62-518-29-1X    | 81                             | 63-35-10*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -7                     | Mack                          | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-10*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -8                     | Am. LaFrance                  | Push Type                 | 1              | 62-518-32-1X    | 113                            | 63-35-10*                 | 63-19-17-3-1X**                     | 63-15-1-1X              |
| Model CM6252B          |                               |                           |                |                 |                                |                           |                                     |                         |
| 301085                 |                               |                           |                |                 |                                |                           |                                     |                         |
| -1                     | Service                       | Pull Type                 | 2              | 62-518-29-1X    | —                              | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -2                     | Am. LaFrance                  | Push Type                 | 1              | 62-518-32-1X    | 113                            | 63-35-12*                 | 63-19-17-3-1X**                     | 63-15-1-1X              |
| -3                     | Gillig                        | Pull Type                 | 2              | 62-518-29-1X    | 91                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -4                     | Ford                          | Pull Type                 | 2              | 62-518-30-1X    | —                              | 63-35-12*                 | 63-19-1-1X**                        | 63-15-5-1X++            |
| -5                     | Hendrickson                   | Pull Type                 | 2              | 62-518-29-1X    | 84                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -6                     | Hahn Motors                   | Pull Type                 | 1              | 62-518-32-1X    | 90                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -7                     | Clev. Trencher                | Pull Type                 | 1              | 62-518-32-1X    | 59                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -8                     | Clev. Trencher                | Pull Type                 | 1              | 62-518-32-1X    | 59                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -9                     | Warner-Swasey                 | Pull Type                 | 2              | 62-518-29-1X    | 90                             | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |
| -10                    | Mack                          | Pull Type                 | 1              | 62-518-32-1X    | 46A                            | 63-35-12*                 | 63-19-1-1X**                        | 63-15-1-1X              |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service

++ This part has been superseded by 63-15-15-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(Incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052C (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301083                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -26                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -28                    | 63-19-28-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -29                    | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -30                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -31                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -32                    | —                                                                         | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -33                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -35                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| Model CM6052D          |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301157                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1                     | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -2                     | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -3                     | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| Model CM6252A          |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301084                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2                     | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -3                     | 63-19-6-2X                                                                | 62-452-2                                | 62-452-1              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -4                     | 63-19-28-2X                                                               | 62-452-9                                | 62-453-8              | 6-1-2801X                                     | 63-16-1-1X                         | —                                   | —                                   |
| -5                     | 63-16-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -6                     | 63-19-6-2X                                                                | 62-452-13                               | 62-453-10             | 6-4-2361                                      | 63-16-3-1X                         | —                                   | 47-16-9-2X                          |
| -7                     | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -8                     | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| Model CM6252B          |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301085                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2                     | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -3                     | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -4                     | • 47-360-1                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -5                     | 63-19-6-2X                                                                | 62-452-2                                | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -6                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -7                     | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-3-4X                         | —                                   | 47-16-8-2X                          |
| -8                     | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-3-4X                         | —                                   | 47-16-8-2X                          |
| -9                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -10                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6252B (Cont'd)

#### 301085

|      |                |           |   |              |     |           |                 |            |
|------|----------------|-----------|---|--------------|-----|-----------|-----------------|------------|
| -11  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -12  | Hahn Motors    | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -13  | Hahn Motors    | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -14  | Hahn Motors    | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -15  | FWD            | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -16  | Spartan Motors | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -17  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -18  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -19  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -20  | Crown Coach    | Pull Type | 1 | 62-518-32-1X | 86  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -21§ | Service        | —         | — | —            | —   | 63-35-12* | 63-19-17-3-1X** | 63-15-1-1X |
| -22  | Service        | Pull Type | 1 | 62-518-32-1X | 84  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -23  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -24  | Service        | Pull Type | 1 | 62-518-32-1X | 94  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -25  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -26  | Pem Fab        | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -27  | Am. LaFrance   | Push Type | 2 | 62-518-29-1X | 113 | 63-35-12* | 63-19-17-3-1X** | 63-15-1-1X |
| -28  | Mack           | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |
| -29  | Volvo GM       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-12* | 63-19-1-1X**    | 63-15-1-1X |

### Model 6253A

#### 301086

|      |                               |           |   |              |     |           |                 |                |
|------|-------------------------------|-----------|---|--------------|-----|-----------|-----------------|----------------|
| -1   | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -2   | GMC                           | Push Type | 2 | 312098X      | —   | 63-35-25* | 63-19-17-2-1X** | 63-15-1-3X     |
| -3   | GMC                           | Pull Type | 2 | 62-518-31-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-1-3X     |
| -4   | Never released for Production |           |   |              |     |           |                 |                |
| -5   | Madill                        | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -6   | Ford                          | Pull Type | 2 | 62-518-30-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-5-1X++   |
| -7   | Ward LaFrance                 | Pull Type | 1 | 62-518-32-1X | 94  | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -8§  | GMC                           | —         | — | —            | —   | 63-35-25* | 63-19-17-2-1X** | 63-15-1-3X     |
| -9   | Navistar                      | Pull Type | 1 | 62-518-32-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-10-1X*** |
| -10§ | GMC                           | —         | — | —            | —   | 63-35-10* | 63-19-1-1X**    | 63-15-1-3X     |
| -11  | FWD                           | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -12  | Warner-Swasey                 | Push Type | 2 | 62-518-29-1X | 46  | 63-35-10* | 63-19-17-3-1X** | 63-15-1-1X     |
| -13§ | Service                       | —         | — | —            | —   | 63-35-10* | 63-19-17-3-1X** | 63-15-1-1X     |
| -14  | Navistar                      | Pull Type | 1 | 62-518-32-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-10-1X*** |
| -15  | GMC                           | —         | — | —            | —   | 63-35-25* | 63-19-17-2-1X** | 63-15-1-3X     |
| -16  | Never released for Production |           |   |              |     |           |                 |                |
| -17  | Mack                          | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -18  | Am. LaFrance                  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-10* | 63-19-17-3-1X** | 63-15-1-1X     |
| -19  | Mack                          | Pull Type | 2 | 62-518-29-1X | —   | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |
| -20  | Service                       | Push Type | 2 | 62-518-29-1X | 46  | 63-35-10* | 63-19-17-3-1X** | 63-15-1-1X     |
| -21  | Hahn Motors                   | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-10* | 63-19-1-1X**    | 63-15-1-1X     |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service

++ This part has been superseded by 63-15-15-1X for Service.

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6252B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301085                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -11                    | 63-19-27-2X                                                               | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -12                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -13                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -14                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -15                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -16                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -17                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -18                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -19                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -20                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 311656-11X                          |
| -21                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -23                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -24                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -25                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -26                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -29                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |

**Model 6253A****301086**

|     |                               |          |          |          |            |            |            |
|-----|-------------------------------|----------|----------|----------|------------|------------|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | —          | —          |
| -2  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |
| -3  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | —          | —          |
| -4  | Never released for Production |          |          |          |            |            |            |
| -5  | 63-19-6-2X                    | —        | —        | 5-4-1661 | 63-16-1-1X | —          | 47-16-8-2X |
| -6  | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -7  | 63-19-6-2X                    | 62-452-9 | 62-453-8 | 6-1-2221 | 63-16-3-1X | —          | 47-16-8-2X |
| -8  | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -9  | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —          | —          |
| -10 | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -11 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -12 | 63-19-6-2X                    | —        | —        | 5-4-1661 | 63-16-1-1X | —          | 47-16-8-3X |
| -13 | 63-19-6-2X                    | —        | —        | —        | —          | —          | —          |
| -14 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-3-6X | —          | —          |
| -15 | 63-19-6-2X                    | —        | —        | —        | 63-16-9-1X | —          | —          |
| -16 | Never released for Production |          |          |          |            |            |            |
| -17 | 63-19-27-2X                   | —        | —        | 6-1-2221 | 63-16-1-1X | —          | 47-16-8-4X |
| -18 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —          | 47-16-8-2X |
| -19 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —          | —          |
| -20 | 63-19-6-2X                    | —        | —        | 5-1-3151 | 63-16-1-1X | 47-16-3-1X | —          |
| -21 | 63-19-6-2X                    | 62-452-3 | 62-453-5 | 6-1-2221 | 63-16-3-1X | —          | 47-16-8-2X |

•Rear Bearing Retainer

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.       | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|               |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6253B |                               |                     |                |              |                       |                     |                            |                   |
| 301087        |                               |                     |                |              |                       |                     |                            |                   |
| -1            | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -2            | Ward LaFrance                 | Push Type           | 1              | 62-518-32-1X | 46                    | 63-35-12*           | 63-19-17-3-1X**            | 63-15-1-1X        |
| -3            | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-12*           | 63-19-17-3-1X**            | 63-15-1-1X        |
| -4            | Hendrickson                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -5            | FWD                           | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -6            | FWD                           | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -7            | Hahn Motors                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -8            | Peter Pirsch                  | Pull Type           | 2              | 62-518-29-1X | 83                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -9            | Service                       | Pull Type           | 2              | 62-518-29-1X | 92A                   | 63-35-12*           | 63-19-1-1X**               | 63-15-5-1X+ +     |
| -10           | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -11           | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -12           | Never released for Production |                     |                |              |                       |                     |                            |                   |
| -13           | Service                       | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -14           | Hahn Motors                   | Push Type           | 1              | 62-518-32-1X | —                     | 63-35-12*           | 63-19-17-3-1X**            | 63-15-1-1X        |
| -15           | Never released for Production |                     |                |              |                       |                     |                            |                   |
| -16           | Ward LaFrance                 | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -17           | Warner-Swasey                 | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-12*           | 63-19-1-1X**               | 63-15-1-1X        |
| -18           | Warner-Swasey                 | Push Type           | 2              | 62-518-29-1X | 46                    | 63-35-12*           | 63-19-17-3-1X**            | 63-15-1-1X        |
| -19           | Warner-Swasey                 | Push Type           | 2              | 62-518-29-1X | 46                    | 63-35-12*           | 63-19-17-3-1X**            | 63-15-1-1X        |
| Model CM6052A |                               |                     |                |              |                       |                     |                            |                   |
| 301253        |                               |                     |                |              |                       |                     |                            |                   |
| -1            | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -2            | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -3            | Service                       | Push Type           | 2              | 62-518-27-1X | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -4            | Ford                          | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -5            | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-5-1X+ +     |
| -6§           | Navistar                      | Push Type           | —              | —            | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-10-1X***    |
| -7            | Never released for Production |                     |                |              |                       |                     |                            |                   |
| -8            | Harnishfeger                  | Push Type           | 2              | 62-518-29-1X | 42                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -9            | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -10           | AM General                    | Pull Type           | 2              | 62-518-29-1X | 94                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -11           | Oshkosh                       | Push Type           | 2              | 62-518-29-1X | 40                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -12           | Mack                          | Pull Type           | 2              | 62-518-36-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -13           | Never released for Production |                     |                |              |                       |                     |                            |                   |
| -14           | Mack                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -15           | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -16           | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17           | Gardner Denver                | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18§          | GMC                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -19           | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -20           | Volvo GM                      | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |

§ Short Box

\* These parts have been superseded—see page 6 for Service Part

\*\* These parts have been superseded—see page 7 for Service Part

\*\*\* This part has been superseded by 63-15-1-1X for Service

+ + This part has been superseded by 63-15-15-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.    | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|               |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6253B |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301087        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -3            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -4            | 63-19-6-2X                                                                | 62-452-2                                | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -5            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -6            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -7            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -8            | 63-19-27-2X                                                               | 62-452-3                                | 62-453-3              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-5X                          |
| -9            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -10           | 63-19-6-2X                                                                | 62-452-2                                | 62-452-1              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -11           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -12           | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -13           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -14           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -15           | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -16           | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -17           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -18           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -19           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| Model CM6052A |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301253        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -3            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -4            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -5            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -6            | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | —                                  | —                                   | —                                   |
| -7            | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -8            | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-3-5X                         | —                                   | 47-16-8-2X                          |
| -9            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-9-2X                          |
| -10           | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-5-1-2121                                    | 63-16-3-1X                         | —                                   | 47-16-9-2X                          |
| -11           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -12           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -13           | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -14           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -15           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -16           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -17           | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -18           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -19           | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -20           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

SPICER®



T210-CM60

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052A (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301253                 |                               |                     |                |              |                       |                     |                            |                   |
| -21§                   | GMC                           | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -22                    | Kenworth                      | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -24                    | Spartan Motors                | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -26                    | DSD                           | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -27                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -28                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -29                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -30                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31                    | Spartan Motors                | Push Type           | 2              | 62-518-29-1X | 22                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -32                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -33                    | DWT                           | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34§                   | DWT                           | Push Type           | —              | —            | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -35§                   | DWT                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -36                    | Hendrickson                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37§                   | Navistar                      | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -39                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -40                    | Scot Truck Ltd.               | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -41                    | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -42                    | Cooper Mfg.                   | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -43                    | Cooper Mfg.                   | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -44                    | Madill Ltd.                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -45                    | Wichita Eng.                  | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -46                    | Wichita Eng.                  | Pull Type           | 2              | 62-518-27-1X | 15                    | 63-35-45-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -47                    | Navistar                      | Push Type           | 2              | 62-518-34    | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -48                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -49                    | Never released for Production |                     |                |              |                       |                     |                            |                   |
| -50                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -51                    | Kabus oy Finld.               | Pull Type           | 1              | 62-518-32-1X | 79                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -52                    | Gillig                        | Pull Type           | 2              | 62-518-29-1X | 68                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53                    | Duplex Div.                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -54                    | Gardner Denver                | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -56                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -57                    | Autocar                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -58                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -59                    | Cooper Mfg.                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -60                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |

§ Short Box

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301253                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -21                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-3X                          | —                                   |
| -23                    | •47-360-1                                                                 | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -24                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -25                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -26                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -29                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -30                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -31                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -32                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | 5-4-1661                                      | 63-16-9-1X                         | —                                   | —                                   |
| -33                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -35                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -36                    | 63-19-6-2X                                                                | 62-452-2                                | —                     | 5-4-1661                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -37                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -38                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -39                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -40                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-3-2X                         | —                                   | —                                   |
| -41                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -42                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -43                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -44                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -45                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -46                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -47                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -48                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -49                    | Never released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -50                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -51                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -52                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-5X                          |
| -53                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -54                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -55                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -56                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -57                    | 63-19-6-2X                                                                | 62-452-3                                | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -58                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -59                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -60                    | 63-16-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |

•Rear Bearing Retainer

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By         | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-----------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                 |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052A (Cont'd) |                 |                     |                |              |                       |                     |                            |                   |
| 301253                 |                 |                     |                |              |                       |                     |                            |                   |
| -61                    | Ford            | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -62                    | Ford            | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -63                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-5-1X++      |
| -64                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-5-1X++      |
| -65                    | Gradall         | Push Type           | 2              | 62-518-29-1X | 39                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -66                    | Bissinger/Stein | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -67                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -68                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -69                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -70                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -71                    | Drivetrain      | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -72                    | GMC             | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -73                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -74                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -75                    | Diesel Equip.   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -76                    | Bissinger/Stein | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -77                    | Diesel Equip.   | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -78                    | Wich-Tex Mach.  | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -79                    | GMC             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -80                    | Intl. Petroleum | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -81                    | Blue Bird       | Push Type           | 2              | 62-518-29-1X | 56                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -82                    | Drivetrain      | Push Type           | 2              | 62-518-27-1X | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -83                    | Volvo GM        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -84                    | Drivetrain      | Push Type           | —              | —            | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-5-1X++      |
| -85                    | Service         | Pull Type           | 2              | 62-518-29-1X | 15A                   | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -86                    | Cooper Inds.    | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -87                    | Hendrickson     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-16-36-1X                | 63-15-1-1X        |
| -88                    | Trencor-Jetco   | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -89                    | Drivetrain      | Pull Type           | —              | —            | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -90                    | Drivetrain      | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-5-1X++      |
| -91                    | FWD Corp.       | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-34-1X         | 63-16-36-1X                | 63-15-1-1X        |
| -92                    | GMC             | Push Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -93                    | GMC             | Push Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -94                    | GMC             | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -95                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-5-1X++      |
| -96                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -97                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -98                    | Pierce Mfg.     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -99                    | Gillig Corp.    | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |

◀ Includes 97-454-2-1X consisting of (1) 97-454-2 Speedo Sleeve and (1) 97-463-34 Seal

++ This part has been superseded by 63-15-15-1X for Service.

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301253                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -61                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -62                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -63                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -64                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -65                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -66                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -67                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -68                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -69                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -70                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -71                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -72                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -73                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -74                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -75                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -76                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -77                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -78                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -79                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -80                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -81                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -82                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -83                    | 63-19-6-2X                                                                | 62-452-3                                | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -84                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -85                    | 63-19-6-2X                                                                | 53-452-4                                | 53-453-2              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -86                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -87                    | 63-19-6-2X                                                                | 62-452-2                                | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -88                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | 47-16-5-22X                         | —                                   |
| -89                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -90                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -91                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -92                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -93                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -94                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -95                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -96                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 5-4-7041-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -97                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 6-4-3831-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -98                    | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -99                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | —                                   |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.       | Used By         | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------------|-----------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|               |                 |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052B |                 |                     |                |              |                       |                     |                            |                   |
| 301254        |                 |                     |                |              |                       |                     |                            |                   |
| -1            | Service         | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -2            | Navistar        | Push Type           | —              | —            | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -3            | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -4            | Ford            | —                   | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -5            | Ford            | Push Type           | 2              | 62-518-35-1X | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -6            | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -7            | Tryco           | Pull Type           | 2              | 62-518-29-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-9-1X        |
| -8            | Gradall         | Push Type           | 2              | 62-518-27-1X | 43                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -9            | GMC             | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-3X        |
| -10           | DSD             | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -11           | Jack Tidd       | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12§          | GMC             | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-3X        |
| -13           | Ward LaFrance   | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -14           | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -15           | Bombardier      | Push Type           | 2              | 62-518-27-1X | 39                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -16           | DSD             | Pull Type           | 2              | 62-518-29-1X | 94                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17§          | DSD             | Push Type           | —              | —            | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -18§          | DSD             | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -19           | GMC             | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-3X        |
| -20           | DSD             | Push Type           | 2              | 62-518-27-1X | 45                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -21           | GMC             | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-3X        |
| -22           | GMC             | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-3-1X        |
| -23           | Mack            | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -24           | Navistar        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25           | Service         | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -26           | DWT             | Push Type           | 2              | 62-518-27-1X | 57                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -27           | FWD Corp.       | Push Type           | 2              | 62-518-27-1X | 45                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -28           | Hahn Motors     | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -29           | Ford            | Push Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -30           | Mack            | Pull Type           | 2              | 62-518-36-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31           | Kenworth        | Pull Type           | 1              | 62-518-32-1X | 64                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32           | GMC             | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -33           | Navistar        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34           | DWT             | Push Type           | 2              | 62-518-29-1X | 44                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -35           | Navistar        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -36           | Gillig          | Pull Type           | 1              | 62-518-32-1X | 68                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37           | Navistar        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38           | Am. LaFrance    | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -39★          | Thos. Built Bus | Pull Type           | 2              | 62-518-29-1X | 75                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -40           | Spartan Motors  | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |

§ Short Box

★ Includes 313263X Kit-Neutral Start Switch Actuator

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.    | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(Incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|               |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052B |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301254        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2            | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -3            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -4            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -5            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -6            | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -7            | 63-19-37-2X                                                               | 62-452-3                                | 62-453-5              | 5-1-278X                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -8            | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -9            | 63-19-37-2X                                                               | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -10           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -11           | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -12           | —                                                                         | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -13           | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -14           | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -15           | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -16           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | —                                             | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -17           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -18           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -19           | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -20           | 63-19-6-2X                                                                | 62-452-2                                | 62-452-1              | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -21           | 63-19-37-2X                                                               | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -22           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -23           | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -24           | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -25           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -26           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -27           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -28           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -29           | • 47-360-1                                                                | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -30           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -31           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -32           | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -33           | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -35           | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -36           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-5X                          |
| -37           | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -38           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -39           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-9-2X                          |
| -40           | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By          | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                  |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052B (Cont'd) |                  |                     |                |              |                       |                     |                            |                   |
| 301254                 |                  |                     |                |              |                       |                     |                            |                   |
| -41                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -42                    | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -43                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -44                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -45                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
|                        |                  |                     |                |              |                       |                     |                            |                   |
| -46                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -47                    | Simon-Duplex     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -48                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -49                    | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -50                    | Spicer U.K.      | Push Type           | 1              | 62-518-32-1X | 112A                  | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
|                        |                  |                     |                |              |                       |                     |                            |                   |
| -51                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -52                    | DWT              | Pull Type           | 2              | 62-518-27-1X | 15B                   | 63-35-45-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53§                   | Capitol Trencher | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-16-1X*      |
| -54                    | Osterlund        | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Blue Bird        | Push Type           | 2              | 62-518-29-1X | 56                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
|                        |                  |                     |                |              |                       |                     |                            |                   |
| -56★                   | Thos. Built Bus. | Pull Type           | 2              | 62-518-29-1X | 75                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -57                    | Service          | Push Type           | 2              | 62-518-29-1X | 39                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -58                    | Cooper Inds.     | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -59§                   | DSD              | Push Type           | —              | —            | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -60                    | Gradall          | Push Type           | 2              | 62-518-27-1X | 43                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
|                        |                  |                     |                |              |                       |                     |                            |                   |
| -61                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -62                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -63                    | Gradall          | Pull Type           | 2              | 62-518-29-1X | 93                    | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -64■                   | Service          | Pull Type           | 2              | 62-518-29-1X | 93                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |

### Model CM6052C

**301255**

|      |                               |           |   |              |     |             |               |             |
|------|-------------------------------|-----------|---|--------------|-----|-------------|---------------|-------------|
| -1   | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |
| -2   | Never Released for Production |           |   |              |     |             |               |             |
| -3   | Navistar                      | Pull Type | — | —            | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |
| -4   | Ford                          | Push Type | 2 | 313243       | —   | 63-35-39-1X | 63-19-21-1X   | 63-15-15-1X |
| -5   | Never Released for Production |           |   |              |     |             |               |             |
| -6   | Am. LaFrance                  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-46-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -7   | GMC                           | Push Type | 2 | 312098X      | —   | 63-35-52-1X | 63-19-30-2-1X | 63-15-1-1X  |
| -8   | GMC                           | Pull Type | 2 | 62-518-31-1X | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |
| -9   | Never Released for Production |           |   |              |     |             |               |             |
| -10  | Never Released for Production |           |   |              |     |             |               |             |
| -11  | Omnibuses S.A.                | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |
| -12  | Never Released for Production |           |   |              |     |             |               |             |
| -13  | Volvo GM                      | Push Type | 2 | 62-518-29-1X | —   | 63-35-46-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -14  | Volvo GM                      | Push Type | 2 | 62-518-29-1X | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |
| -15§ | GMC                           | Push Type | — | —            | —   | 63-35-52-1X | 63-19-30-2-1X | 63-15-1-1X  |

§ Short Box

★ Includes 313263X Kit-Neutral Start Switch Actuator

■ Includes 3918-107 Independent Remote Control

\* This part has been superseded by 63-15-11-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab No. | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|         |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |

**Model CM6052B (Cont'd)**
**301254**

|     |             |          |          |            |            |            |            |
|-----|-------------|----------|----------|------------|------------|------------|------------|
| -41 | 63-19-38-1X | 63-452-2 | 63-453-1 | 6-4-3831   | 63-16-1-1X | —          | —          |
| -42 | 63-19-38-1X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -43 | 63-19-38-1X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -44 | 63-19-33-1X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -45 | 63-19-38-1X | —        | —        | —          | 63-16-1-2X | —          | —          |
| -46 | 63-19-33-2X | —        | —        | —          | 63-16-3-2X | —          | —          |
| -47 | 63-19-6-2X  | —        | —        | —          | 63-16-3-1X | —          | —          |
| -48 | 63-19-38-1X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -49 | 63-19-33-2X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -50 | 63-19-6-2X  | —        | —        | 5-1-3141   | 63-16-3-1X | —          | 47-16-8-2X |
| -51 | 63-19-33-2X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -52 | 63-19-6-2X  | 62-452-3 | 62-453-5 | 5-4-1661   | 63-16-1-1X | 47-16-3-1X | —          |
| -53 | 63-19-38-1X | —        | —        | —          | 63-16-1-1X | —          | —          |
| -54 | 63-19-6-2X  | 62-452-3 | 62-453-4 | 6-4-2361   | 63-16-1-1X | 47-16-3-1X | —          |
| -55 | 63-19-6-2X  | 62-452-3 | 62-453-4 | —          | 63-16-1-1X | —          | —          |
| -56 | 63-19-6-2X  | —        | —        | 5-4-1661   | 63-16-1-1X | —          | —          |
| -57 | 63-19-6-2X  | 62-452-3 | 62-453-4 | 5-4-1661   | 63-16-1-1X | —          | —          |
| -58 | 63-19-6-2X  | —        | —        | 6-1-2221   | 63-16-1-1X | 47-16-3-1X | —          |
| -59 | 63-19-38-1X | —        | —        | —          | 63-16-3-2X | —          | —          |
| -60 | 63-19-6-2X  | —        | —        | 5-4-1661   | 63-16-1-1X | —          | —          |
| -61 | 63-19-38-1X | 63-452-3 | —        | 5-4-7041-1 | 63-16-1-1X | —          | —          |
| -62 | 63-19-38-1X | 63-452-3 | —        | 6-4-3831-1 | 63-16-1-1X | —          | —          |
| -63 | 63-19-6-2X  | —        | —        | 5-4-1661   | 63-16-1-1X | —          | 47-16-8-3X |
| -64 | 63-19-6-2X  | 62-452-3 | 62-453-4 | 6-1-2221   | 63-16-1-1X | —          | 47-16-8-3X |

**Model CM6052C**
**301255**

|     |                               |          |          |          |            |   |            |
|-----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2  | Never Released for Production | —        | —        | —        | —          | — | —          |
| -3  | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | — | —          |
| -4  | • 47-360-1                    | —        | —        | —        | 63-16-1-1X | — | —          |
| -5  | Never Released for Production | —        | —        | —        | —          | — | —          |
| -6  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -7  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -8  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -9  | Never Released for Production | —        | —        | —        | —          | — | —          |
| -10 | Never Released for Production | —        | —        | —        | —          | — | —          |
| -11 | 63-19-27-2X                   | 62-452-2 | 62-452-1 | 6-4-2361 | 63-16-1-1X | — | 47-16-8-2X |
| -12 | Never Released for Production | —        | —        | —        | —          | — | —          |
| -13 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | —          |
| -14 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | —          |
| -15 | 63-19-6-2X                    | —        | —        | —        | —          | — | —          |

•Rear Bearing Retainer

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052C (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301255                 |                               |                     |                |              |                       |                     |                            |                   |
| -16§                   | GMC                           | Pull Type           | —              | —            | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17                    | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -19                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -20                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -21                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -22                    | Navistar                      | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -24                    | DSD                           | Push Type           | —              | —            | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -25                    | DSD                           | Push Type           | —              | —            | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-1-1X        |
| -26                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-49-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -27                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -28                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -29                    | DSD                           | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -30                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -31                    | Geo Space                     | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -33                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-56-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-56-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -35                    | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -36                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-3-1X        |
| -38                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -39§                   | Ford                          | Push Type           | —              | —            | —                     | 63-35-40-1X         | 63-19-20-1X                | 63-15-16-1X*      |
| -40                    | Ford                          | Push Type           | —              | —            | —                     | 63-35-40-1X         | 63-19-20-1X                | 63-15-16-1X*      |
| -41                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -42                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -43                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -44                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -45                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -46                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -47                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -48                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -49                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -50                    | GMC                           | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -51                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-3-1X        |
| -52                    | Diesel Equip.                 | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53                    | Ford                          | Push Type           | 2              | 62-518-35-1X | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -54                    | GMC                           | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Am. LaFrance                  | Pull Type           | 1              | 62-518-32-1X | 96A                   | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |

§ Short Box

\* This part has been superseded by 63-15-11-1X for Service

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052C (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301255                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -16                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -17                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -18                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -19                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -20                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -21                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -22                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -23                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -24                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -25                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -26                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -28                    | 63-19-36-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -29                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -30                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -31                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -32                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -33                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -35                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -36                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -37                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -38                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -39                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -40                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -41                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -42                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -43                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -44                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -45                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -46                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -47                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -48                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -49                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -50                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -51                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -52                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -53                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -54                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -55                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6052C (Cont'd)

#### 301255

|      |           |           |   |              |    |             |               |             |
|------|-----------|-----------|---|--------------|----|-------------|---------------|-------------|
| -56§ | DSD       | Push Type | — | —            | —  | 63-35-39-1X | 63-19-21-1X   | 63-15-15-1X |
| -57  | GMC       | Push Type | 2 | 62-518-29-1X | —  | 63-35-46-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -58  | Ford      | Push Type | 2 | 313243       | —  | 63-35-39-1X | 63-19-21-1X   | 63-15-15-1X |
| -59  | Ford      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-46-1X | 63-19-36-1X   | 63-15-15-1X |
| -60  | Ford      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-46-1X | 63-19-36-1X   | 63-15-15-1X |
| -61  | FWD Corp. | Pull Type | 2 | 62-518-29-1X | 91 | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X  |

### Model CM6052D

#### 301256

|     |                               |           |   |              |    |             |               |             |
|-----|-------------------------------|-----------|---|--------------|----|-------------|---------------|-------------|
| -1  | Never Released for Production |           |   |              |    |             |               |             |
| -2  | Navistar                      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -3  | Navistar                      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-57-1X | 63-19-36-1X   | 63-15-1-1X  |
| -4  | Never Released for Production |           |   |              |    |             |               |             |
| -5  | Ford                          | Pull Type | 2 | 62-518-30-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-15-1X |
| -6  | Ford                          | Pull Type | 2 | 62-518-30-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-15-1X |
| -7  | Ford                          | Push Type | 2 | 313243       | —  | 63-35-37-1X | 63-19-21-1X   | 63-15-15-1X |
| -8  | Ford                          | Push Type | 2 | 313243       | —  | 63-35-37-1X | 63-19-21-1X   | 63-15-15-1X |
| -9  | Navistar                      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-57-1X | 63-19-36-1X   | 63-15-1-1X  |
| -10 | Ford                          | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-15-1X |
| -11 | Ford                          | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-15-1X |
| -12 | Mack                          | Pull Type | 2 | 62-518-36-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -13 | Navistar                      | Pull Type | 1 | 62-518-32-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -14 | DWT                           | Pull Type | 2 | 62-518-29-1X | 84 | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -15 | RVI                           | Push Type | — | —            | —  | 63-35-53-1X | 63-19-30-4-1X | 63-15-1-1X  |
| -16 | GMC                           | Push Type | 2 | 312098X      | —  | 63-35-47-1X | 63-19-30-2-1X | 63-15-1-1X  |
| -17 | GMC                           | Pull Type | 2 | 62-518-31-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -18 | Service                       | Push Type | 2 | 62-518-27-1X | —  | 63-35-45-1X | 63-19-31-1X   | 63-15-1-1X  |
| -19 | GMC                           | Push Type | 2 | 62-518-31-1X | —  | 63-35-34-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -20 | GMC                           | Pull Type | 2 | 62-518-31-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X  |
| -21 | Ford                          | Push Type | 2 | 313243       | —  | 63-35-37-1X | 63-19-21-1X   | 63-15-15-1X |

### Model CM6252B

#### 301258

|     |                               |           |   |              |     |             |               |            |
|-----|-------------------------------|-----------|---|--------------|-----|-------------|---------------|------------|
| -1  | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -2  | Am. LaFrance                  | Push Type | 1 | 62-518-32-1X | 113 | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X |
| -3  | Gillig Corp.                  | Pull Type | 2 | 62-518-29-1X | 91  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -4  | Never Released for Production |           |   |              |     |             |               |            |
| -5  | Hendrickson                   | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -6  | Hahn Motors                   | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -7* | Clev. Trencher                | Pull Type | 1 | 62-518-32-1X | 59  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -8* | Clev. Trencher                | Pull Type | 1 | 62-518-32-1X | 59  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -9  | Badger Equip.                 | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -10 | Mack                          | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |

§ Short Box

\* Transmission is unsynchronized and 5th speed is blocked out.

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab No. | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(Incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|         |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |

**Model CM6052C (Cont'd)**
**301255**

|     |             |          |   |            |            |   |   |
|-----|-------------|----------|---|------------|------------|---|---|
| -56 | 63-19-38-1X | —        | — | —          | —          | — | — |
| -57 | 63-19-37-2X | 62-452-9 | — | —          | 63-16-9-1X | — | — |
| -58 | 63-19-38-1X | 63-452-3 | — | 5-4-7041-1 | 63-16-1-1X | — | — |
| -59 | 63-19-38-1X | 63-452-3 | — | 5-4-7041-1 | 63-16-1-1X | — | — |
| -60 | 63-19-38-1X | 63-452-3 | — | 6-4-3831-1 | 63-16-1-1X | — | — |
| -61 | 63-19-6-2X  | —        | — | —          | 63-16-1-1X | — | — |

**Model CM6052D**
**301256**

|     |                               |          |          |            |            |             |   |
|-----|-------------------------------|----------|----------|------------|------------|-------------|---|
| -1  | Never Released for Production |          |          |            |            |             |   |
| -2  | 63-19-10-2X                   | 63-452-1 | —        | —          | 63-16-1-2X | —           | — |
| -3  | 63-19-10-2X                   | 63-452-1 | —        | —          | 63-16-1-2X | —           | — |
| -4  | Never Released for Production |          |          |            |            |             |   |
| -5  | 63-19-38-1X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -6  | 63-19-33-2X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -7  | 63-19-38-1X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -8  | 63-19-33-2X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -9  | 63-19-8-2X                    | 63-452-1 | —        | —          | 63-16-1-2X | —           | — |
| -10 | 63-19-38-1X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -11 | 63-19-33-2X                   | —        | —        | —          | 63-16-1-1X | —           | — |
| -12 | 63-19-6-2X                    | —        | —        | —          | 63-16-1-1X | —           | — |
| -13 | 63-19-10-2X                   | 63-452-1 | —        | —          | 63-16-1-2X | —           | — |
| -14 | 63-19-6-2X                    | 62-452-3 | 62-453-5 | 6-4-2361   | 63-16-1-1X | 47-16-5-38X | — |
| -15 | 63-19-6-2X                    | 53-452-4 | 53-453-2 | 5-4-1661   | 63-16-1-1X | 47-16-5-38X | — |
| -16 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-16-9-1X | —           | — |
| -17 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-19-9-1X | —           | — |
| -18 | 63-19-6-2X                    | —        | —        | —          | 63-16-1-1X | 47-16-3-25X | — |
| -19 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-16-9-1X | —           | — |
| -20 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-16-9-1X | —           | — |
| -21 | 63-19-38-1X                   | 63-452-3 | —        | 5-4-7041-1 | 63-16-1-1X | —           | — |

**Model CM6252B**
**301258**

|     |                               |          |          |          |            |   |            |
|-----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -3  | 63-19-6-2X                    | —        | —        | 5-1-3141 | 63-16-1-1X | — | 47-16-8-4X |
| -4  | Never Released for Production |          |          |          |            |   |            |
| -5  | 63-19-6-2X                    | 62-452-2 | —        | —        | 63-16-1-1X | — | 47-16-8-2X |
| -6  | 63-19-6-2X                    | 62-452-3 | 62-453-5 | 6-1-2221 | 63-16-3-1X | — | 47-16-8-2X |
| -7  | 63-19-27-2X                   | —        | —        | 5-1-3141 | 63-16-3-4X | — | 47-16-8-2X |
| -8  | 63-19-27-2X                   | —        | —        | 5-1-3141 | 63-16-3-4X | — | 47-16-8-2X |
| -9  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | —        | 63-16-3-1X | — | 47-16-8-2X |
| -10 | 63-19-27-2X                   | —        | —        | 5-1-3141 | 63-16-1-1X | — | 47-16-8-4X |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By            | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|--------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                    |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6252B (Cont'd) |                    |                     |                |              |                       |                     |                            |                   |
| 301258                 |                    |                     |                |              |                       |                     |                            |                   |
| -11                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12                    | Hahn Motors        | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -13                    | Hahn Motors        | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -14                    | Hahn Motors        | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -15                    | FWD Corp.          | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -16                    | Spartan Motors     | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -19                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -20                    | Crown Coach        | Pull Type           | 1              | 62-518-32-1X | 86                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -21§                   | DSD                | Push Type           | —              | —            | —                     | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -22 **                 | Spicer Australia   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -24                    | DSD                | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -26                    | Pem Fab            | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -27                    | Am. LaFrance       | Push Type           | 2              | 62-518-29-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -28                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -29                    | Volvo GM           | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -30                    | Gillig Corp.       | Pull Type           | 2              | 62-518-29-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -31                    | Mack               | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32                    | Pemberton Fab.     | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -33                    | Service            | Push Type           | 1              | 62-518-32-1X | 114A                  | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -34                    | Ontario Buss       | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -35                    | Peter Pirsch & Son | Pull Type           | 2              | 62-518-29-1X | 83                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -36                    | Ford               | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -37*                   | Amer. Hoist        | Pull Type           | —              | —            | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | Spicer U.K.        | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -39 **                 | Gillig Corp.       | Pull Type           | 2              | 62-518-29-1X | 91A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -40 **                 | Gillig Corp.       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                    |                     |                |              |                       |                     |                            |                   |
| -41                    | Hahn Motors        | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -42*                   | Amer. Hoist        | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -43*                   | Amer. Hoist        | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -44                    | Trencor-Jetco      | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |

### Model CM6253A

**301259**

|    |                               |           |   |              |   |             |               |            |
|----|-------------------------------|-----------|---|--------------|---|-------------|---------------|------------|
| -1 | Service                       | Pull Type | 2 | 62-518-29-1X | — | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -2 | GMC                           | Push Type | 2 | 312098X      | — | 63-35-50-1X | 63-19-30-2-1X | 63-15-1-1X |
| -3 | GMC                           | Pull Type | 2 | 62-518-31-1X | — | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -4 | Never Released for Production |           |   |              |   |             |               |            |
| -5 | S. Madil Ltd.                 | Pull Type | 2 | 62-518-29-1X | — | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |

§ Short Box

\* Transmission is unsynchronized and 5th speed is blocked out.

\*\* Transmission has special Synchronizers

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6252B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301258                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -11                    | 63-19-27-2X                                                               | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -12                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -13                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -14                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -15                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -16                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -17                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -18                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -19                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -20                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 311656-11X                          |
| -21                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -23                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -24                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -25                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -26                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -29                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -30                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-10-4<br>X                     |
| -31                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -32                    | 63-19-6-2X                                                                | 62-452-13                               | 62-453-10             | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -33                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-9-3X                          |
| -34                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-9-3X                          |
| -35                    | 63-19-27-2X                                                               | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-3X                          |
| -36                    | 63-19-32-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -37                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-9-2X                         | 47-16-3-25X                         | —                                   |
| -38                    | 63-19-6-2X                                                                | 62-452-13                               | 62-453-10             | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -39                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -40                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -41                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -42                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-3-4X                         | —                                   | —                                   |
| -43                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-9-2X                         | 47-16-3-25X                         | —                                   |
| -44                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-4X                         | —                                   | —                                   |

**Model CM6253A**
**301259**

|    |                               |          |          |          |            |   |            |
|----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2 | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -3 | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -4 | Never Released for Production |          |          |          |            |   |            |
| -5 | 63-19-6-2X                    | —        | —        | 5-4-1661 | 63-16-1-1X | — | 47-16-8-2X |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6253A (Cont'd)

#### 301259

|         |                               |           |   |              |     |             |               |            |
|---------|-------------------------------|-----------|---|--------------|-----|-------------|---------------|------------|
| -6      | Never Released for Production |           |   |              |     |             |               |            |
| -7      | Ward LaFrance                 | Pull Type | 1 | 62-518-32-1X | 94  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -8§     | GMC                           | Pull Type | — | —            | —   | 63-35-50-1X | 63-19-30-2-1X | 63-15-1-1X |
| -9      | Navistar                      | Pull Type | 1 | 62-518-32-1X | —   | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -10§    | GMC                           | Pull Type | — | —            | —   | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -11     | FWD Corp.                     | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -12     | Gradall Co.                   | Push Type | 2 | 62-518-29-1X | 46  | 63-35-35-1X | 63-19-30-3-1X | 63-15-1-1X |
| -13§    | DSD                           | Push Type | — | —            | —   | 63-35-35-1X | 63-19-30-3-1X | 63-15-1-1X |
| -14     | Service                       | Pull Type | 1 | 62-518-32-1X | —   | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -15     | GMC                           | Push Type | — | —            | —   | 63-35-50-1X | 63-19-30-2-1X | 63-15-1-1X |
| -16     | Never Released for Production |           |   |              |     |             |               |            |
| -17     | Mack                          | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -18     | Am. LaFrance                  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-35-1X | 63-19-30-3-1X | 63-15-1-1X |
| -19     | Mack                          | Pull Type | 2 | 62-518-29-1X | —   | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -20     | DSD                           | Push Type | 2 | 62-518-29-1X | 43  | 63-35-35-1X | 63-19-30-3-1X | 63-15-1-1X |
| -21     | Hahn Motors                   | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -22***  | DSD                           | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -23**** | DSD                           | Pull Type | 2 | 62-518-29-1X | 62  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -24     | Am. LaFrance                  | Push Type | 1 | 62-518-32-1X | —   | 63-35-35-1X | 63-19-30-3-1X | 63-15-1-1X |
| -25     | FWD Corp.                     | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -26     | Navistar                      | Pull Type | 2 | 62-518-29-1X | —   | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |
| -27     | Mack                          | Pull Type | 1 | 62-518-32-1X | 46A | 63-35-35-1X | 63-19-36-1X   | 63-15-1-1X |

### Model CM6253B

#### 301260

|      |                               |           |   |              |     |             |               |            |
|------|-------------------------------|-----------|---|--------------|-----|-------------|---------------|------------|
| -1   | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -2   | Ward LaFrance                 | Push Type | 1 | 62-518-32-1X | 46  | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X |
| -3   | Am. LaFrance                  | Push Type | 1 | 62-518-32-1X | 113 | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X |
| -4   | Hendrickson                   | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -5   | FWD Corp.                     | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -6   | FWD Corp.                     | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -7   | Hahn Motors                   | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -8** | Peter Pirsh                   | Pull Type | 2 | 62-518-29-1X | 83  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -9   | DSD                           | Pull Type | 2 | 62-518-29-1X | 92A | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -10  | Hahn Motors                   | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -11  | Hahn Motors                   | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -12  | Never Released for Production |           |   |              |     |             |               |            |
| -13  | Service                       | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X |
| -14  | Never Released for Production |           |   |              |     |             |               |            |
| -15§ | DSD                           | Push Type | — | —            | —   | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X |

§ Short Box

\*\* Transmission has special Synchronizers

\*\*\* Transmission is less 4th Speed Gear and 4th/5th Synchronizer

\*\*\*\* Transmission has Rev., 4th and 5th Speeds blocked out.

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab No. | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|         |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |

**Model CM6253A (Cont'd)**
**301259**

|     |                               |          |          |          |            |             |            |
|-----|-------------------------------|----------|----------|----------|------------|-------------|------------|
| -6  | Never Released for Production |          |          |          |            |             |            |
| -7  | 63-19-6-2X                    | 62-452-9 | 62-453-8 | 6-1-2221 | 63-16-3-1X | —           | 47-16-8-2X |
| -8  | 63-19-6-2X                    | —        | —        | —        | —          | —           | —          |
| -9  | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —           | —          |
| -10 | 63-19-6-2X                    | —        | —        | —        | —          | —           | —          |
| -11 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —           | —          |
| -12 | 63-19-6-2X                    | —        | —        | 5-4-1661 | 63-16-1-1X | —           | 47-16-8-3X |
| -13 | 63-19-6-2X                    | —        | —        | —        | —          | —           | —          |
| -14 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-3-6X | —           | —          |
| -15 | 63-19-6-2X                    | —        | —        | —        | 63-16-9-1X | —           | —          |
| -16 | Never Released for Production |          |          |          |            |             |            |
| -17 | 63-19-27-2X                   | —        | —        | 6-1-2221 | 63-16-1-1X | —           | 47-16-8-4X |
| -18 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —           | 47-16-8-2X |
| -19 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —           | —          |
| -20 | 63-19-6-2X                    | —        | —        | 5-1-3151 | 63-16-1-1X | 47-16-3-1X  | —          |
| -21 | 63-19-6-2X                    | 62-452-3 | 62-453-5 | 6-1-2221 | 63-16-3-1X | —           | 47-16-8-2X |
| -22 | 63-19-6-2X                    | —        | —        | 5-4-1661 | 63-16-1-1X | 47-16-3-1X  | —          |
| -23 | 63-19-10-2X                   | —        | —        | 6-1-2221 | 63-16-3-7X | 47-16-5-21X | —          |
| -24 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | —           | 47-16-8-2X |
| -25 | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | —           | —          |
| -26 | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | —           | —          |
| -27 | 63-19-27-2X                   | —        | —        | 5-1-3141 | 63-16-1-1X | —           | 47-16-8-4X |

**Model CM6253B**
**301260**

|     |                               |          |          |          |            |   |            |
|-----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -3  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -4  | 63-19-6-2X                    | 62-452-2 | —        | —        | 63-16-1-1X | — | 47-16-8-2X |
| -5  | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | — | —          |
| -6  | 63-19-6-2X                    | —        | —        | —        | 63-16-1-1X | — | —          |
| -7  | 63-19-6-2X                    | 62-452-3 | 62-453-5 | 6-1-2221 | 63-16-3-1X | — | 47-16-8-2X |
| -8  | 63-19-27-2X                   | 62-452-3 | 62-453-3 | 6-1-2221 | 63-16-3-1X | — | 47-16-8-3X |
| -9  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -10 | 63-19-6-2X                    | 62-452-2 | 62-452-1 | 5-1-3141 | 63-16-3-1X | — | 47-16-8-2X |
| -11 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-1-2221 | 63-16-3-1X | — | 47-16-8-2X |
| -12 | Never Released for Production |          |          |          |            |   |            |
| -13 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-1-2221 | 63-16-1-1X | — | 47-16-8-2X |
| -14 | Never Released for Production |          |          |          |            |   |            |
| -15 | 63-19-6-2X                    | —        | —        | —        | —          | — | —          |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No. | Used By | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------|---------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|         |         |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |

### Model CM6253B (Cont'd)

#### 301260

|        |                |           |   |              |     |             |               |             |
|--------|----------------|-----------|---|--------------|-----|-------------|---------------|-------------|
| -16    | Ward LaFrance  | Pull Type | 1 | 62-518-32-1X | 94  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -17    | Gradall Co.    | Pull Type | 2 | 62-518-29-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -18    | Gradall Co.    | Push Type | 2 | 62-518-29-1X | 46  | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -19    | Gradall Co.    | Push Type | 2 | 62-518-29-1X | 46  | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -20    | GMC            | Pull Type | 2 | 62-518-31-1X | —   | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -21 ■  | GMC            | Pull Type | 2 | 62-518-29-1X | —   | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -22    | Koehring Co.   | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -23    | Am. LaFrance   | Push Type | 2 | 62-518-29-1X | 113 | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -24    | Spartan Motors | Pull Type | 2 | 62-518-29-1X | 88  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -25 ★  | Koehring Co.   | Push Type | 2 | 62-518-29-1X | 39  | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -26    | DWT            | Pull Type | 2 | 62-518-29-1X | 84  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -27 ** | Peter Pirsch   | Pull Type | 2 | 62-518-29-1X | 83  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -28    | W.H. Mfg. Co.  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-36-1X | 63-19-30-3-1X | 63-15-1-1X  |
| -29    | Hahn Motors    | Pull Type | 1 | 62-518-32-1X | 90  | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -30    | Gradall Co.    | Pull Type | 2 | 62-518-29-1X | 92A | 63-35-36-1X | 63-19-36-1X   | 63-15-1-1X  |
| -31    | Ford           | Pull Type | 2 | 62-518-29-1X | —   | 63-35-36-1X | 63-19-36-1X   | 63-15-15-1X |

### Model CM6052A

#### 301413

|       |                               |           |   |              |    |             |               |            |
|-------|-------------------------------|-----------|---|--------------|----|-------------|---------------|------------|
| -1    | Service                       | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X |
| -2    | Service                       | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X |
| -3    | Service                       | Push Type | 2 | 62-518-27-1X | —  | 63-35-45-1X | 63-19-31-1X   | 63-15-1-1X |
| -4    | Never Released for Production |           |   |              |    |             |               |            |
| -5    | Never Released for Production |           |   |              |    |             |               |            |
| -6    | Navistar                      | Push Type | — | —            | —  | 63-35-48-1X | 63-19-22-1X   | 63-15-1-1X |
| -7    | Never Released for Production |           |   |              |    |             |               |            |
| -8    | Harnischfeger                 | Push Type | 2 | 62-518-29-1X | 42 | 63-35-34-1X | 63-19-30-3-1X | 63-15-1-1X |
| -9    | Never Released for Production |           |   |              |    |             |               |            |
| -10   | Never Released for Production |           |   |              |    |             |               |            |
| -11   | Never Released for Production |           |   |              |    |             |               |            |
| -12   | Never Released for Production |           |   |              |    |             |               |            |
| -13   | Never Released for Production |           |   |              |    |             |               |            |
| -14   | Never Released for Production |           |   |              |    |             |               |            |
| -15   | Never Released for Production |           |   |              |    |             |               |            |
| -16   | Volvo GM                      | Pull Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X |
| -17   | Cooper Inds.                  | Pull Type | 2 | 62-518-29-1X | 84 | 63-35-34-1X | 63-19-36-1X   | 63-15-1-1X |
| -18 § | GMC                           | Push Type | — | —            | —  | 63-35-34-1X | 63-19-30-3-1X | 63-15-1-1X |
| -19   | GMC                           | Push Type | 2 | 312098X      | —  | 63-35-47-1X | 63-19-30-2-1X | 63-15-1-1X |
| -20   | Western Star                  | Push Type | 2 | 62-518-29-1X | —  | 63-35-34-1X | 63-19-30-3-1X | 63-15-1-1X |

§ Short Box

★ Includes 313263X Neutral Start Switch Actuator Kit

■ Transmission has 3918-68 Independent Remote Control

\*\* Transmission has special Synchronizers

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6253B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301260                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -16                    | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -17                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -18                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -19                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -20                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -21                    | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -22                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -23                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -24                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -25                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -26                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -27                    | 63-19-27-2X                                                               | 62-452-3                                | 62-453-3              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -28                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -29                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -30                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -31                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| Model CM6052A          |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301413                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -3                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | —                                   | —                                   |
| -4                     | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -5                     | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -6                     | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -7                     | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -8                     | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-3-5X                         | —                                   | 47-16-8-2X                          |
| -9                     | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -10                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -11                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -12                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -13                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -14                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -15                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -16                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -17                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -18                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -19                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -20                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |

# MODEL CM60

SPICER®



T210-CM60

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052A (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301413                 |                               |                     |                |              |                       |                     |                            |                   |
| -21§                   | GMC                           | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -22                    | Kenworth                      | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -24                    | Spartan Motors                | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -26                    | DSD                           | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -27                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -28                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -29                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -30                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31                    | Spartan Motors                | Push Type           | 2              | 62-518-29-1X | 22                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -32                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -33                    | DWT                           | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34§                   | DWT                           | Push Type           | —              | —            | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -35§                   | DWT                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -36                    | Hendrickson                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37                    | Navistar                      | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -39                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -40                    | Scot Truck Ltd.               | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -41                    | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -42                    | Cooper Mfg.                   | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -43                    | Cooper Mfg.                   | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -44                    | S. Madill Ltd.                | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -45                    | Bissinger/Stein               | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -46                    | Whicita Eng.                  | Pull Type           | 2              | 62-518-27-1X | 15                    | 63-35-45-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -47                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -48                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -49                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -50                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -51★                   | DWT                           | Pull Type           | 1              | 63-518-32-1X | 79                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -52                    | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | 68                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53                    | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -54                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -56                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -57                    | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -58                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -59                    | Cooper Mfg.                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -60                    | Cooper Mfg.                   | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |

§ Short Box

★ Transmission includes 3918-12 Independent Remote Control

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301413                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -21                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | ---                                | ---                                 | ---                                 |
| -22                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-3X                          | ---                                 |
| -23                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -24                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | ---                                 | 47-16-8-2X                          |
| -25                    | 63-19-8-2X                                                                | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -26                    | 63-19-6-2X                                                                | ---                                     | ---                   | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | ---                                 |
| -27                    | 63-19-6-2X                                                                | ---                                     | ---                   | 5-1-3141                                      | 63-16-3-1X                         | ---                                 | 47-16-8-2X                          |
| -28                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | ---                                 | ---                                 |
| -29                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | ---                                 |
| -30                    | 63-19-10-2X                                                               | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -31                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-1-1X                         | ---                                 | 47-16-8-2X                          |
| -32                    | 63-19-6-2X                                                                | 62-452-9                                | ---                   | 5-4-1661                                      | 63-16-9-1X                         | ---                                 | ---                                 |
| -33                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -34                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | ---                                | ---                                 | ---                                 |
| -35                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | ---                                | ---                                 | ---                                 |
| -36                    | 63-19-6-2X                                                                | 62-452-2                                | ---                   | 5-4-1661                                      | 63-16-3-1X                         | ---                                 | 47-16-8-2X                          |
| -37                    | 63-19-10-2X                                                               | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -38                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-9-1X                         | ---                                 | ---                                 |
| -39                    | 63-19-10-2X                                                               | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -40                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-3-2X                         | ---                                 | ---                                 |
| -41                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-3-1X                         | ---                                 | 47-16-8-2X                          |
| -42                    | 63-16-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-1-1X                         | 47-16-3-1X                          | ---                                 |
| -43                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-1-1X                         | ---                                 | 47-16-8-2X                          |
| -44                    | 63-19-6-2X                                                                | ---                                     | ---                   | 5-4-1661                                      | 63-16-1-1X                         | ---                                 | 47-16-8-2X                          |
| -45                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-3-1X                         | 47-16-3-1X                          | ---                                 |
| -46                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-3-1X                         | 47-16-3-1X                          | ---                                 |
| -47                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -48                    | 63-19-8-2X                                                                | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -49                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -50                    | 63-19-10-2X                                                               | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -51                    | 63-19-6-2X                                                                | ---                                     | ---                   | 6-1-2221                                      | 63-16-3-1X                         | ---                                 | 47-16-8-2X                          |
| -52                    | 63-19-6-2X                                                                | ---                                     | ---                   | 5-1-3141                                      | 63-16-3-1X                         | ---                                 | 47-16-8-5X                          |
| -53                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | ---                                           | 63-16-3-1X                         | ---                                 | 47-16-8-2X                          |
| -54                    | 63-19-6-2X                                                                | ---                                     | ---                   | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | ---                                 |
| -55                    | 63-19-6-2X                                                                | ---                                     | ---                   | ---                                           | 63-16-1-1X                         | ---                                 | ---                                 |
| -56                    | 63-19-8-2X                                                                | 63-452-1                                | ---                   | ---                                           | 63-16-1-2X                         | ---                                 | ---                                 |
| -57                    | 63-19-6-2X                                                                | 62-452-3                                | ---                   | ---                                           | 63-16-1-1X                         | ---                                 | ---                                 |
| -58                    | 63-19-6-2X                                                                | 62-452-9                                | ---                   | ---                                           | 63-16-9-1X                         | ---                                 | ---                                 |
| -59                    | 63-19-6-2X                                                                | ---                                     | ---                   | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | ---                                 |
| -60                    | 63-19-6-2X                                                                | ---                                     | ---                   | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | ---                                 |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By         | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-----------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                 |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052A (Cont'd) |                 |                     |                |              |                       |                     |                            |                   |
| 301413                 |                 |                     |                |              |                       |                     |                            |                   |
| -61                    | Ford            | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -62                    | Ford            | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -63                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -64                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -65                    | Gradall Co.     | Push Type           | 2              | 62-518-27-1X | 43                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -66                    | Bissinger/Stein | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -67                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -68                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -69                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -70                    | Ford            | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -71                    | DSD             | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -72                    | GMC             | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -73                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -74                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -75                    | Diesel Equip.   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -76                    | Bissinger/Stein | Pull Type           | 1              | 62-518-32-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -77                    | Diesel Equip.   | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -78                    | Wich-Tex        | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -79                    | GMC             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -80                    | Intl. Petroleum | Pull Type           | 2              | 62-518-29-1X | 80                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -81                    | Blue Bird Body  | Push Type           | 2              | 62-518-29-1X | 56                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -82                    | DSD             | Push Type           | 2              | 62-518-27-1X | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -83                    | Volvo GM        | Pull Clutch         | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -84                    | DSD             | Push Type           | —              | —            | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -85                    | Service         | Pull Type           | 2              | 62-518-29-1X | 15A                   | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -86                    | Cooper Mfg.     | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -87                    | Hendrickson     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -88                    | Trenco-Jetco    | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -89                    | DSD             | Pull Type           | —              | —            | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -90                    | DSD             | Pull Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -91                    | FWD Corp        | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -92                    | GMC             | Push Type           | 1              | 62-518-32-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -93                    | GMC             | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -94                    | Ford            | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -95                    | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -96                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -97                    | Ford            | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -98                    | Pierce Mfg.     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -99                    | Gillig Corp.    | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -100                   | Ford            | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |

◀ Includes 97-454-2-1X consisting of (1) 97-454-2 Speedo Sleeve and (1) 97-463-34 Seal

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301413                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -61                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -62                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -63                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -64                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -65                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -66                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -67                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -68                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -69                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -70                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -71                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -72                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -73                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -74                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -75                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -76                    | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -77                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -78                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -79                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -80                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -81                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -82                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -83                    | 63-19-6-2X                                                                | 62-452-3                                | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -84                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -85                    | 63-19-6-2X                                                                | 53-452-4                                | 53-453-2              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -86                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -87                    | 63-19-6-2X                                                                | 62-452-2                                | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -88                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | 47-16-5-22X                         | —                                   |
| -89                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -90                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -91                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -92                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -93                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -94                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -95                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 5-4-7041-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -96                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 5-4-7041-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -97                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 6-4-3831-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -98                    | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -99                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | —                                   |
| -100                   | 63-19-38-1X                                                               | 63-452-3                                | —                     | 6-4-3831-1                                    | 63-16-1-1X                         | —                                   | —                                   |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052A (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301413                 |                               |                     |                |              |                       |                     |                            |                   |
| -101                   | GMC                           | Push Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -102                   | DWT                           | Push Type           | 2              | 62-518-30-1X | 22                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -103                   | Cummins-China                 | Pull Type           | 2              | 62-518-29-1X | 93                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -104                   | Blue Bird Body                | Pull Type           | 2              | 62-518-29-1X | 78A                   | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| Model CM6052B          |                               |                     |                |              |                       |                     |                            |                   |
| 301414                 |                               |                     |                |              |                       |                     |                            |                   |
| -1                     | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -2                     | Navistar                      | Push Type           | —              | —            | —                     | 63-35-48-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -3 thru -9             | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -10                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -11                    | Tidd-Todd Ltd.                | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12§                   | GMC                           | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -13                    | Ward LaFrance                 | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -14                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -15                    | Bombardier Inc.               | Push Type           | 2              | 62-518-27-1X | 39                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -16                    | DSD                           | Pull Type           | 2              | 62-518-29-1X | 94                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17§                   | DSD                           | Push Type           | —              | —            | —                     | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -18§                   | DSD                           | Push Type           | —              | —            | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -19                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -20                    | Can. Foremost                 | Push Type           | 2              | 62-518-27-1X | 45                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -21                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -22                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -23                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -24                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | DWT                           | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -26                    | DWT                           | Push Type           | 2              | 62-518-27-1X | 57                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -27                    | FWD Corp.                     | Push Type           | 2              | 62-518-27-1X | 45                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -28                    | FWD Corp.                     | Push Type           | 2              | 62-518-27-1X | 45                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -29                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -30                    | Mack                          | Pull Type           | 2              | 62-518-36-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31                    | Kenworth                      | Pull Type           | 1              | 62-518-32-1X | 64                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -33                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34                    | DWT                           | Push Type           | 2              | 62-518-29-1X | 44                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -35                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -36                    | Gillig Corp.                  | Pull Type           | 1              | 62-518-32-1X | 68                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -39★                   | Thos. Built Buss              | Pull Type           | 2              | 62-518-29-1X | 75                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -40                    | Spartan Motors                | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -41                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |

§ Short Box

★ Includes 313263X Neutral Start Switch Acuator Kit

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052A (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301413                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -101                   | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -102                   | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 4-1-3781                                      | 63-16-1-1X                         | —                                   | 47-16-9-3X                          |
| -103                   | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-1-1X                         | 47-16-5-22X                         | —                                   |
| -104                   | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| Model CM6052B          |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301414                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2                     | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -3 thru -9             | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -10                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -11                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -12                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -13                    | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -14                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -15                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -16                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | —                                             | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -17                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -18                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -19                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -20                    | 63-19-6-2X                                                                | 62-452-2                                | 62-452-1              | 4-1-3781                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -21                    | 63-19-37-2X                                                               | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -23                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -24                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -25                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -26                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -29                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -30                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -31                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -32                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -33                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34                    | 63-19-6-2X                                                                | 62-452-3                                | 63-453-4              | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -35                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -36                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-5X                          |
| -37                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -38                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -39                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-9-2X                          |
| -40                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -41                    | 63-19-38-1X                                                               | 63-452-2                                | 63-453-1              | 6-4-3831                                      | 63-16-1-1X                         | —                                   | —                                   |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By          | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                  |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052B (Cont'd) |                  |                     |                |              |                       |                     |                            |                   |
| 301414                 |                  |                     |                |              |                       |                     |                            |                   |
| -42                    | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -43                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -44                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -45                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -46                    | Ford             | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -47                    | Simon-Duplex     | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -48                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -49                    | Ford             | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -50                    | Spicer U.K.      | Push Type           | 1              | 62-518-32-1X | 112A                  | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -51                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -52                    | DWT              | Pull Type           | 2              | 62-518-27-1X | 15B                   | 63-35-45-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53▶                   | Capitol Trencher | Push Type           | —              | —            | —                     | 63-35-38-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -54                    | Osterlund Corp.  | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Blue Bird Body   | Push Type           | 2              | 62-518-29-1X | 56                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -56★                   | Thos. Built Buss | Pull Type           | 2              | 62-518-29-1X | 75                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -57                    | Service          | Push Type           | 2              | 62-518-29-1X | 39                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -58                    | Service          | Push Type           | 2              | 62-518-29-1X | 39                    | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -59                    | DSD              | Push Type           | —              | —            | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -60                    | Gradall Co.      | Push Type           | 2              | 62-518-27-1X | 43                    | 63-35-45-1X         | 63-19-31-1X                | 63-15-1-1X        |
| -61                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -62                    | Ford             | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -63                    | Gradall Co.      | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -64■                   | Cummins-China    | Pull Type           | 2              | 62-518-29-1X | 93                    | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -65★                   | Thos. Built Buss | Push Type           | 2              | 62-518-29-1X | 35A                   | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -66◀                   | TSP              | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -67◀                   | TSP              | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |

### Model CM6052C

**301415**

|     |                               |           |   |              |     |             |               |            |
|-----|-------------------------------|-----------|---|--------------|-----|-------------|---------------|------------|
| -1  | Service                       | Pull Type | 2 | 62-518-29-1X | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X |
| -2  | Never Released for Production |           |   |              |     |             |               |            |
| -3  | Navistar                      | Pull Type | — | —            | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X |
| -4  | Never Released for Production |           |   |              |     |             |               |            |
| -5  | Never Released for Production |           |   |              |     |             |               |            |
| -6  | Am. LaFrance                  | Push Type | 2 | 62-518-29-1X | 113 | 63-35-46-1X | 63-19-30-3-1X | 63-15-1-1X |
| -7  | GMC                           | Push Type | 2 | 312098X      | —   | 63-35-52-1X | 63-19-30-2-1X | 63-15-1-1X |
| -8  | GMC                           | Pull Type | 2 | 62-518-31-1X | —   | 63-35-46-1X | 63-19-36-1X   | 63-15-1-1X |
| -9  | Never Released for Production |           |   |              |     |             |               |            |
| -10 | Never Released for Production |           |   |              |     |             |               |            |

- ★ Includes 313263X Neutral Start Switch Acuator Kit
- Unit includes 3918-107 Independent Remote Control
- ◀ Includes 97-454-2-1X consisting of (1) 97-454-2 Speedo Sleeve and (1) 97-463-34 Seal
- ▶ Unit is less Synchronizers

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(Incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301414                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -42                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -43                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -44                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -45                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -46                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
|                        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -47                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -48                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -49                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -50                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -51                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
|                        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -52                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -53                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -54                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -55                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -56                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
|                        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -57                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -58                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -59                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -60                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -61                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 5-4-7041-1                                    | 63-16-1-1X                         | —                                   | —                                   |
|                        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -62                    | 63-19-38-1X                                                               | 63-452-3                                | —                     | 6-4-3831-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -63                    | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -64                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -65                    | 63-19-42-2X                                                               | 63-452-4                                | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -66                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-3-1X                         | 47-16-5-22X                         | —                                   |
| -67                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | 47-16-5-22X                         | —                                   |

**Model CM6052C**
**301415**

|     |                               |          |          |          |            |   |            |
|-----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1  | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2  | Never Released for Production |          |          |          |            |   |            |
| -3  | 63-19-10-2X                   | 63-452-1 | —        | —        | 63-16-1-2X | — | —          |
| -4  | Never Released for Production |          |          |          |            |   |            |
| -5  | Never Released for Production |          |          |          |            |   |            |
| -6  | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | 47-16-8-2X |
| -7  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -8  | 63-19-6-2X                    | 62-452-9 | —        | —        | 63-16-9-1X | — | —          |
| -9  | Never Released for Production |          |          |          |            |   |            |
| -10 | Never Released for Production |          |          |          |            |   |            |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052C (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301415                 |                               |                     |                |              |                       |                     |                            |                   |
| -11 ■                  | Omnibus                       | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -13                    | Volvo GM                      | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -14                    | Western Star                  | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -15§                   | GMC                           | Pull Type           | —              | —            | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -16§                   | GMC                           | Pull Type           | —              | —            | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17§                   | Volvo GM                      | Pull Type           | —              | —            | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -19                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -20                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -21                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -22                    | Navistar                      | Pull Type           | 1              | 62-518-32-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -24§                   | DSD                           | Push Type           | —              | —            | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -25                    | DSD                           | Push Type           | —              | —            | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-1-1X        |
| -26                    | Navistar                      | Push Type           | 2              | 73-518-3     | —                     | 63-35-49-1X         | 63-19-22-1X                | 63-15-1-1X        |
| -27                    | GMC                           | Push Type           | —              | —            | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -28                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -29                    | DSD                           | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -30                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -31                    | Geo. Space Co.                | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -33                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-56-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -34                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-56-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -35                    | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -36                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -37                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -39                    | Ford                          | Push Type           | —              | —            | —                     | 63-35-40-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -40                    | Ford                          | Push Type           | —              | —            | —                     | 63-35-40-1X         | 63-19-20-1X                | 63-15-11-1X       |
| -41                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -42                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -43                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -44                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -45                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -46                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -47                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -48                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -49                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -50                    | GMC                           | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |

§ Short Box

■ Unit includes 3918-6 Independent Remote Control

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab<br>No.             | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6052C (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301415                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -11                    | 63-19-27-2X                                                               | 62-452-2                                | 62-452-1              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -12                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -13                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -14                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -15                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -16                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -17                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -18                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -19                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -20                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -21                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -22                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -23                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -24                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -25                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -26                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -28                    | 63-19-37-2X                                                               | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -29                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -30                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -31                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -32                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -33                    | 63-19-10-2X                                                               | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -34                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -35                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | —                                   |
| -36                    | 63-19-8-2X                                                                | 63-452-1                                | —                     | —                                             | 63-16-1-2X                         | —                                   | —                                   |
| -37                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -38                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -39                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -40                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -41                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -42                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -43                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -44                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -45                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -46                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-3-2X                         | —                                   | —                                   |
| -47                    | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -48                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -49                    | 63-19-33-2X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -50                    | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6052C (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301415                 |                               |                     |                |              |                       |                     |                            |                   |
| -51                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-52-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -52                    | Diesel Equip.                 | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -53                    | Ford                          | Push Type           | 2              | 62-518-35-1X | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -54                    | GMC                           | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -55                    | Am. LaFrance                  | Pull Type           | 1              | 62-518-32-1X | 96A                   | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                               |                     |                |              |                       |                     |                            |                   |
| -56                    | DSD                           | Push Type           | —              | —            | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -57                    | GMC                           | Push Type           | 2              | 62-158-29-1X | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -58                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-39-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -59                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -60                    | Never Released for Production |                     |                |              |                       |                     |                            |                   |
|                        |                               |                     |                |              |                       |                     |                            |                   |
| -61                    | FWD Corp.                     | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -62                    | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-46-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -63                    | GMC                           | Push Type           | 2              | 62-518-31-1X | —                     | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -64                    | Blue Bird                     | Push Type           | 2              | 62-518-92-1X | 56                    | 63-35-46-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| Model CM6052D          |                               |                     |                |              |                       |                     |                            |                   |
| 301416                 |                               |                     |                |              |                       |                     |                            |                   |
| -1                     | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -2                     | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -3                     | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -4                     | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -5                     | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
|                        |                               |                     |                |              |                       |                     |                            |                   |
| -6                     | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -7                     | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -8                     | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -9                     | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -10                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
|                        |                               |                     |                |              |                       |                     |                            |                   |
| -11 thru-15            | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -16                    | GMC                           | Push Type           | 2              | 312098X      | —                     | 63-35-47-1X         | 63-19-30-2-1X              | 63-15-1-1X        |
| -17 thru-18            | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -19                    | GMC                           | Push Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -20                    | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-1-1X        |
|                        |                               |                     |                |              |                       |                     |                            |                   |
| -21                    | Ford                          | Push Type           | 2              | 313243       | —                     | 63-35-37-1X         | 63-19-21-1X                | 63-15-15-1X       |
| -22                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -23                    | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-34-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -24                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | Navistar                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-57-1X         | 63-19-36-1X                | 63-15-1-1X        |
| Model CM6252B          |                               |                     |                |              |                       |                     |                            |                   |
| 301417                 |                               |                     |                |              |                       |                     |                            |                   |
| -1                     | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -2                     | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -3 **                  | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -4                     | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -5                     | Hendrickson                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |

\*\* Unit has Special Synchronizers

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab No. | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|         |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |

**Model CM6052C (Cont'd)**
**301415**

|     |                               |          |          |            |            |   |            |
|-----|-------------------------------|----------|----------|------------|------------|---|------------|
| -51 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-16-9-1X | — | —          |
| -52 | 63-19-6-2X                    | —        | —        | —          | 63-16-1-1X | — | —          |
| -53 | 63-19-38-1X                   | —        | —        | —          | 63-16-3-2X | — | —          |
| -54 | 63-19-37-2X                   | 62-452-9 | —        | —          | 63-16-9-1X | — | —          |
| -55 | 63-19-6-2X                    | —        | —        | —          | 63-16-3-1X | — | 47-16-8-2X |
| -56 | 63-19-38-1X                   | —        | —        | —          | 63-16-1-1X | — | —          |
| -57 | 63-19-37-2X                   | 62-452-9 | —        | —          | 63-16-9-1X | — | —          |
| -58 | 63-19-38-1X                   | 63-452-3 | —        | 5-4-7041-1 | 63-16-1-1X | — | —          |
| -59 | 63-19-38-1X                   | 63-452-3 | —        | 5-4-7041-1 | 63-16-1-1X | — | —          |
| -60 | Never Released for Production |          |          |            |            |   |            |
| -61 | 63-19-6-2X                    | —        | —        | —          | 63-16-1-1X | — | —          |
| -62 | 63-19-6-2X                    | 62-452-3 | —        | —          | 63-16-1-1X | — | —          |
| -63 | 63-19-6-2X                    | 62-452-9 | —        | —          | 63-16-9-1X | — | —          |
| -64 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | —          | 63-16-1-1X | — | —          |

**Model CM6052D**
**301416**

|             |                               |          |   |            |            |   |   |
|-------------|-------------------------------|----------|---|------------|------------|---|---|
| -1          | Never Released for Production |          |   |            |            |   |   |
| -2          | 63-19-10-2X                   | 63-452-1 | — | —          | 63-16-1-2X | — | — |
| -3          | 63-19-10-2X                   | 63-452-1 | — | —          | 63-16-1-2X | — | — |
| -4          | Never Released for Production |          |   |            |            |   |   |
| -5          | 63-19-38-1X                   | —        | — | —          | 63-16-1-1X | — | — |
| -6          | 63-19-33-2X                   | —        | — | —          | 63-16-1-1X | — | — |
| -7          | 63-19-38-1X                   | —        | — | —          | 63-16-1-1X | — | — |
| -8          | 63-19-33-2X                   | —        | — | —          | 63-16-1-1X | — | — |
| -9          | 63-19-8-2X                    | 63-452-1 | — | —          | 63-16-1-2X | — | — |
| -10         | 63-19-32-2X                   | —        | — | —          | 63-16-1-1X | — | — |
| -11 thru-15 | Never Released for Production |          |   |            |            |   |   |
| -16         | 63-19-6-2X                    | 62-452-9 | — | —          | 63-16-9-1X | — | — |
| -17 thru-18 | Never Released for Production |          |   |            |            |   |   |
| -19         | 63-19-6-2X                    | 62-452-9 | — | —          | 63-16-9-1X | — | — |
| -20         | 63-19-6-2X                    | 62-452-9 | — | —          | 63-16-9-1X | — | — |
| -21         | 63-19-38-1X                   | 63-452-3 | — | 5-4-7041-1 | 63-16-1-1X | — | — |
| -22         | 63-19-38-1X                   | 63-452-3 | — | 5-4-7041-1 | 63-16-1-1X | — | — |
| -23         | 63-19-38-1X                   | 63-452-3 | — | 6-4-3831-1 | 63-16-1-1X | — | — |
| -24         | 63-19-42-2X                   | 63-452-4 | — | —          | 63-16-1-2X | — | — |
| -25         | 63-19-40-2X                   | 63-452-4 | — | —          | 63-16-1-2X | — | — |

**Model CM6252B**
**301417**

|    |                               |          |          |          |            |   |            |
|----|-------------------------------|----------|----------|----------|------------|---|------------|
| -1 | 63-19-6-2X                    | 62-452-3 | 62-453-4 | 6-4-2361 | 63-16-1-1X | — | —          |
| -2 | 63-19-6-2X                    | —        | —        | —        | 63-16-3-1X | — | —          |
| -3 | 63-19-6-2X                    | —        | —        | 5-1-3141 | 63-16-1-1X | — | 47-16-8-4X |
| -4 | Never Released for Production |          |          |          |            |   |            |
| -5 | 63-19-6-2X                    | 62-452-2 | —        | —        | 63-16-1-1X | — | 46-16-8-2X |

# MODEL CM60

SPICER®



T210-CM60

## TABULATED BILLS OF MATERIAL

| Tab No.                | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|------------------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|                        |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6252B (Cont'd) |                               |                     |                |              |                       |                     |                            |                   |
| 301417                 |                               |                     |                |              |                       |                     |                            |                   |
| -6                     | Hahn Motors                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -7*                    | Amer. Hoist                   | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -8                     | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -9                     | Badger Equip.                 | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -10                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -11                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12                    | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -13                    | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -14                    | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -15                    | FWD Corp.                     | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -16                    | Spartan Motors                | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -19                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -20                    | Crown Coach                   | Pull Type           | 1              | 62-518-32-1X | 86                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -21§                   | DSD                           | Push Type           | —              | —            | —                     | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -22■                   | Australia                     | Pull Type           | 1              | 62-518-32-1X | 84                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -24                    | DSD                           | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -26                    | Pemberton Fab.                | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -27                    | Am. LaFrance                  | Push Type           | 2              | 62-518-29-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -28                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -29                    | Volvo GM                      | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -30**                  | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | 91                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31                    | Mack                          | Pull Type           | 1              | 62-518-32-1X | 46A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -32                    | Pemberton Fab.                | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -33                    | Service                       | Push Type           | 1              | 62-518-32-1X | 114A                  | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -34■                   | Ontario Bus                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -35**                  | Peter Pirsch                  | Pull Type           | 2              | 62-518-29-1X | 83                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -36                    | Ford                          | Pull Type           | 2              | 62-518-30-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -37*                   | Amer. Hoist                   | Pull Type           | —              | —            | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -38                    | Spicer U.K.                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -39**                  | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | 91A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -40**                  | Gillig Corp.                  | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -41                    | Hahn Motors                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -42*                   | Amer. Hoist                   | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -43*                   | Amer. Hoist                   | Pull Type           | 1              | 62-518-32-1X | 59                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -44                    | Trencor-Jetco                 | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |

\* Unit is less Synchronizers with 5th Speed Blocked out.

\*\* Unit has Special Synchronizers

§ Short Box

■ Unit includes Independent Remote Control. 3918-107 on 301417-22 and 3918-68 on 301417-34

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



## MODEL CM60

## TABULATED BILLS OF MATERIAL

T210-CM60

| Tab No.                | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|------------------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|                        |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6252B (Cont'd) |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301417                 |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -6                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -7                     | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-3-4X                         | —                                   | 47-16-8-2X                          |
| -8                     | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -9                     | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -10                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -11                    | 63-19-27-2X                                                               | —                                       | —                     | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -12                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -13                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -14                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -15                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -16                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -17                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -18                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -19                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | 47-16-5-9X                          | —                                   |
| -20                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 311656-11X                          |
| -21                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -22                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -23                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -24                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -25                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-4X                          |
| -26                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -27                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -28                    | 63-19-27-2X                                                               | —                                       | —                     | 6-4-2361                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -29                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -30                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-10-4X                         |
| -31                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-3-2X                         | —                                   | 47-16-8-2X                          |
| -32                    | 63-19-6-2X                                                                | 62-452-13                               | 62-453-10             | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -33                    | 63-19-27-2X                                                               | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-9-3X                          |
| -34                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-9-3X                          |
| -35                    | 63-19-27-2X                                                               | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-3X                          |
| -36                    | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -37                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-9-2X                         | 47-16-3-25X                         | —                                   |
| -38                    | 63-19-6-2X                                                                | 62-452-13                               | 62-453-10             | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -39                    | 63-19-6-2X                                                                | —                                       | —                     | 5-1-3141                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -40                    | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -41                    | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -42                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-3-4X                         | —                                   | —                                   |
| -43                    | 63-19-27-2X                                                               | —                                       | —                     | 5-1-3141                                      | 63-16-9-2X                         | 47-16-3-25X                         | —                                   |
| -44                    | 63-19-6-2X                                                                | —                                       | —                     | 6-1-2221                                      | 63-16-1-4X                         | —                                   | —                                   |

# MODEL CM60

**SPICER®**



**T210-CM60**

## TABULATED BILLS OF MATERIAL

| Tab No.       | Used By                       | For Use With Clutch | CLUTCH HOUSING |              |                       | Main Drive Gear A-1 | Drive Gear Bearing Cap F-2 | Case Assembly G-1 |
|---------------|-------------------------------|---------------------|----------------|--------------|-----------------------|---------------------|----------------------------|-------------------|
|               |                               |                     | S A E          | Assembly No. | Rel. Code Pages 18-19 |                     |                            |                   |
| Model CM6253B |                               |                     |                |              |                       |                     |                            |                   |
| 301418        |                               |                     |                |              |                       |                     |                            |                   |
| -1            | Service                       | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -2            | Ward LaFrance                 | Push Type           | 1              | 62-518-32-1X | 46                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -3            | Am. LaFrance                  | Push Type           | 1              | 62-518-32-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -4            | Hendrickson                   | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -5            | FWD Corp.                     | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -6            | FWD Corp.                     | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -7            | Hahn Motors                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -8            | Peter Pirsch                  | Pull Type           | 2              | 62-518-29-1X | 83                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -9            | DSD                           | Pull Type           | 2              | 62-518-29-1X | 92A                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -10           | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -11           | Hahn Motors                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -12           | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -13           | Service                       | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -14           | Never Released for Production |                     |                |              |                       |                     |                            |                   |
| -15§          | DSD                           | Push Type           | —              | —            | —                     | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -16           | Ward LaFrance                 | Pull Type           | 1              | 62-518-32-1X | 94                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -17           | Gradall Co.                   | Pull Type           | 2              | 62-518-29-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -18           | Gradall Co.                   | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -19           | Gradall Co.                   | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -20           | GMC                           | Pull Type           | 2              | 62-518-31-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -21■          | GMC                           | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -22           | Koehring Crane                | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -23           | Am. LaFrance                  | Push Type           | 2              | 62-518-29-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -24           | Spartan Motors                | Pull Type           | 2              | 62-518-29-1X | 88                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -25★          | Koehring Crane                | Push Type           | 2              | 62-518-29-1X | 39                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -26           | DWT                           | Pull Type           | 2              | 62-518-29-1X | 84                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -27           | Peter Pirsch                  | Pull Type           | 2              | 62-518-29-1X | 83                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -28           | W.H. Mfg. Co.                 | Push Type           | 2              | 62-518-29-1X | 113                   | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -29           | Hahn Motors                   | Pull Type           | 1              | 62-518-32-1X | 90                    | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -30           | Gradall Co.                   | Pull Type           | 2              | 62-518-29-1X | 92B                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -31           | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -32           | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -33           | Ford                          | Pull Type           | 2              | 62-518-29-1X | —                     | 63-35-36-1X         | 63-19-36-1X                | 63-15-15-1X       |
| -34◀          | Cummins Amer.                 | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |
| -35◀          | Cummins Amer.                 | Pull Type           | 2              | 62-518-29-1X | 92B                   | 63-35-36-1X         | 63-19-36-1X                | 63-15-1-1X        |
| -36◀          | DWT                           | Push Type           | 2              | 62-518-29-1X | 43                    | 63-35-36-1X         | 63-19-30-3-1X              | 63-15-1-1X        |

§ Short Box

■ Unit includes 3918-68 Independent Remote Control

★ Unit includes 313263X Neutral Start Switch Actuator Kit

◀ Unit includes 97-454-2-1X consisting of (1) 97-454-2 Speedo Sleeve and (1) 97-463-34 Seal

PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST.



# MODEL CM60

## TABULATED BILLS OF MATERIAL

**T210-CM60**

| Tab<br>No.    | Mainshaft<br>Rear Bearing Cap<br>Assembly<br>H-1<br>(incl. Bushing, Seal) | SPEEDOMETER                             |                       | End Yoke or<br>Companion<br>Flange<br>Page 16 | SHIFTER                            |                                     |                                     |
|---------------|---------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
|               |                                                                           | Drive Gear<br>or Signal<br>Gear<br>B-24 | Driven<br>Gear<br>H-7 |                                               | Housing<br>Ass'y<br>Pages<br>12-13 | Lever &<br>Dome Ass'y<br>Page<br>17 | Remote<br>Control<br>Pages<br>14-15 |
| Model CM6253B |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| 301418        |                                                                           |                                         |                       |                                               |                                    |                                     |                                     |
| -1            | 63-19-6-2X                                                                | 62-452-2                                | 62-453-4              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | —                                   |
| -2            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -3            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -4            | 63-19-6-2X                                                                | 62-452-2                                | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -5            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -6            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -7            | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -8            | 63-19-27-2X                                                               | 62-452-3                                | 62-453-3              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-3X                          |
| -9            | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -10           | 63-19-6-2X                                                                | 62-452-2                                | 62-452-1              | 5-1-3141                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -11           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -12           | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -13           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -14           | Never Released for Production                                             |                                         |                       |                                               |                                    |                                     |                                     |
| -15           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | —                                  | —                                   | —                                   |
| -16           | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -17           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -18           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -19           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -20           | 63-19-6-2X                                                                | 62-452-9                                | —                     | —                                             | 63-16-9-1X                         | —                                   | —                                   |
| -21           | 63-19-6-2X                                                                | 62-452-9                                | 62-453-8              | 6-4-2361                                      | 63-16-1-1X                         | —                                   | 47-16-8-3X                          |
| -22           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -23           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-3-1X                         | —                                   | 47-16-8-2X                          |
| -24           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -25           | 63-19-6-2X                                                                | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |
| -26           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 5-4-1661                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -27           | 63-19-27-2X                                                               | 62-452-3                                | 62-453-3              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -28           | 63-19-6-2X                                                                | —                                       | —                     | 4-1-3781                                      | 63-16-3-1X                         | 47-16-3-1X                          | —                                   |
| -29           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 6-1-2221                                      | 63-16-3-1X                         | —                                   | —                                   |
| -30           | 63-19-6-2X                                                                | —                                       | —                     | 5-4-1661                                      | 63-16-1-1X                         | —                                   | —                                   |
| -31           | 63-19-38-1X                                                               | —                                       | —                     | —                                             | 63-16-1-1X                         | —                                   | —                                   |
| -32           | 63-19-38-1X                                                               | 63-452-3                                | —                     | 5-4-7041-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -33           | 63-19-38-1X                                                               | 63-452-3                                | —                     | 6-4-3831-1                                    | 63-16-1-1X                         | —                                   | —                                   |
| -34           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 4-1-3781                                      | 63-16-1-1X                         | —                                   | —                                   |
| -35           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-4              | 4-1-3781                                      | 63-16-1-1X                         | 47-16-3-1X                          | —                                   |
| -36           | 63-19-6-2X                                                                | 62-452-3                                | 62-453-5              | 4-1-3781                                      | 63-16-1-1X                         | —                                   | 47-16-8-2X                          |

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