



## Chelsea PTO 541 Parts Manual

Pro Gear and Transmission presents Chelsea 541 Series PTO parts manual to assist in identifying the parts for your Chelsea Power Take Off unit.

If you need any assistance identifying the correct Power Take Off unit for your truck and equipment, contact your Chelsea replacement part specialists at Pro Gear and Transmission.

Pro Gear stocks every part for your Parker Chelsea PTO including: PTO housings, mounts, driveshafts, gears, bearings, gaskets, cable shift cover assembly, post and plate assembly, brackets, stud kits, seal kits, lever control assembly, air shift cover assembly, direct mount pump conversion kits, stud kits including English and metric references, CAT D&H parts and much more.

Pro Gear Transmission has same day shipping and 1000's of products in stock and ready to ship internationally for your next project.

For parts or service contact the Chelsea specialists at Pro Gear & Transmission, Inc.

1 (877) 776-4600  
(407) 872-1901  
parts@eprogear.com

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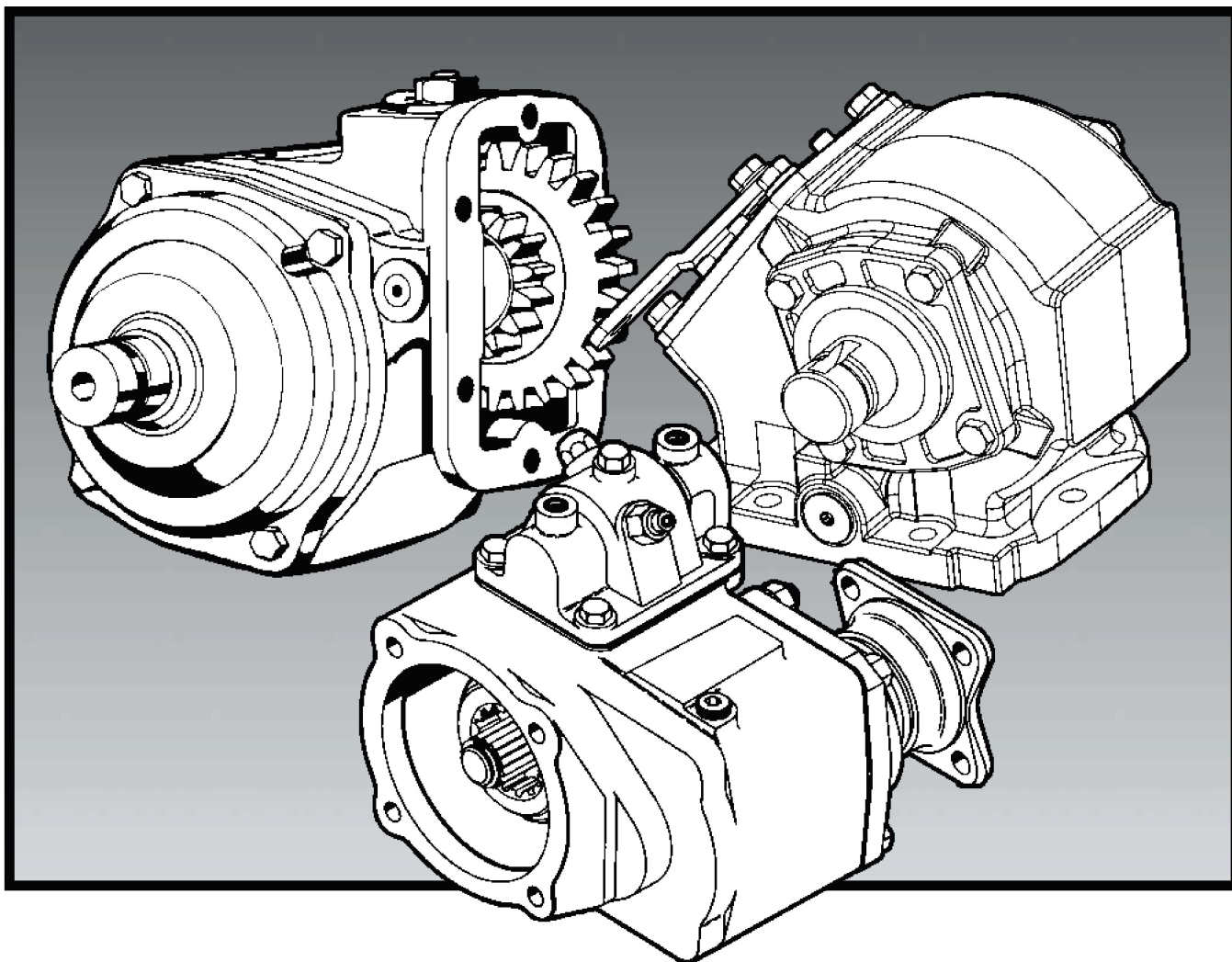
# **CHELSEA®**

Bulletin HY25-2541-M1/US

## **Parts List 541 Series**

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Effective: November 15, 2001  
Supersedes: P410-540TS Dated May, 1986





## **WARNING**

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

## **Offer of Sale**

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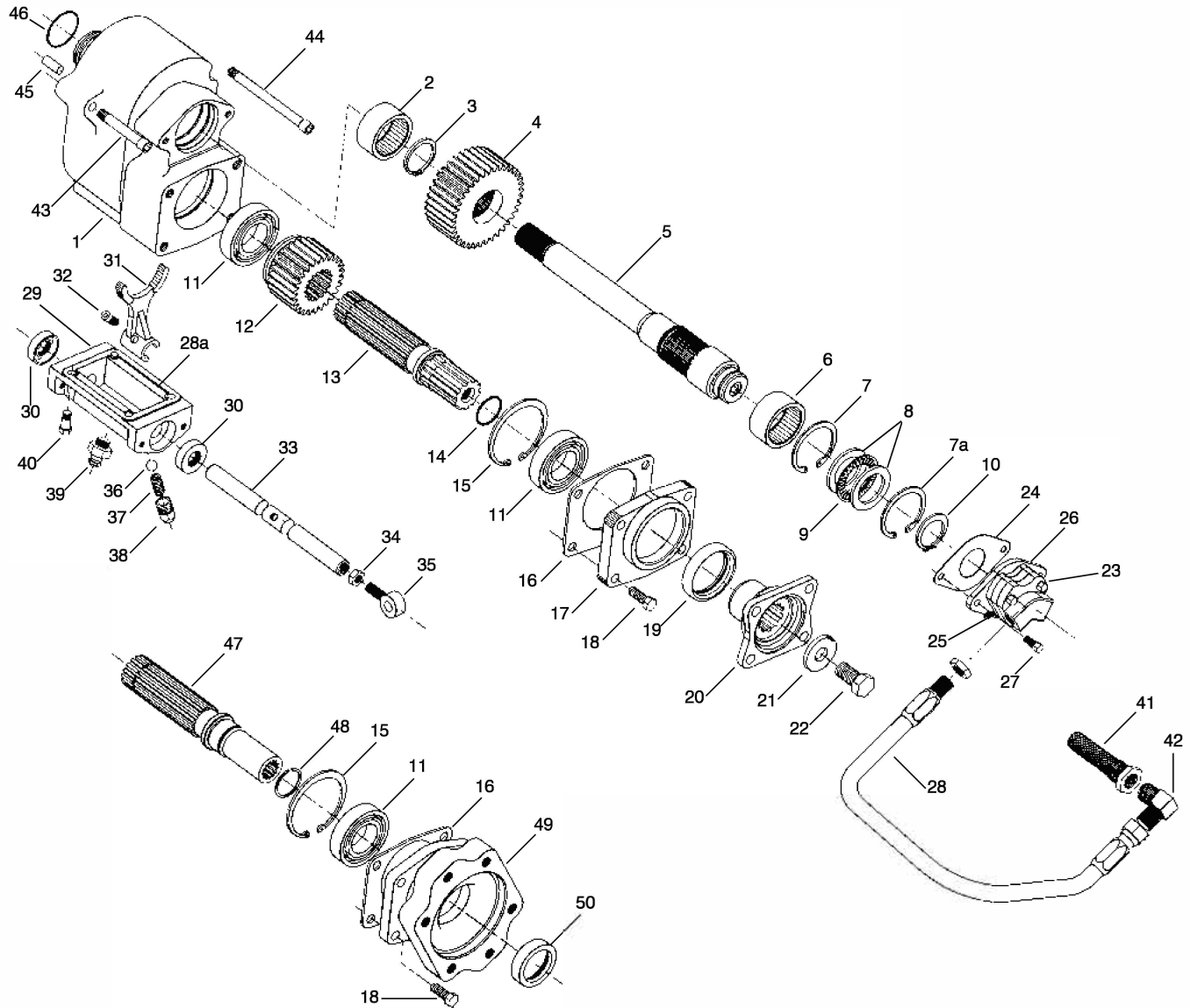
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Exploded View and Bill of Materials .....	1-3
Model Number Designation .....	4
Offer of Sale .....	8

# Exploded View

# 541 Series



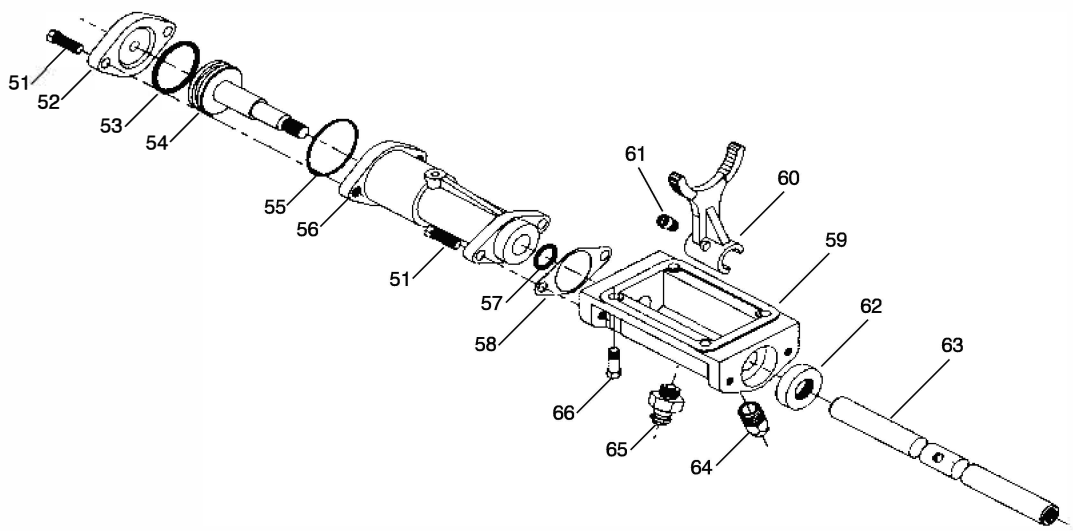
Item	Part Number	Description	Quantity
1	<b>1-P-442</b>	HOUSING .....	1
2	<b>560959</b>	NEEDLE BEARING .....	1
3	<b>379746</b>	LOCK RING .....	1
4	<b>5-P-718</b>	541-L INPUT GEAR, (31 Teeth Spur) .....	1
	<b>5-P-717</b>	541-M INPUT GEAR, (35 Teeth Spur) .....	1
	<b>5-P-716</b>	541-N INPUT GEAR, (37 Teeth Spur) .....	1
5	<b>3-P-808</b>	INPUT DRIVE SHAFT, for 541-*AU & BJ Only .....	1
	<b>3-P-809</b>	INPUT DRIVE SHAFT, for 541-*AT Only .....	1
	<b>3-P-838</b>	INPUT DRIVE SHAFT, for 541-*BD Only .....	1
6	<b>560967</b>	NEEDLE BEARING .....	1
7	<b>379270</b>	LOCK RING .....	2
8	<b>31-P-55</b>	THRUST BEARING RACE .....	2
9	<b>378769</b>	THRUST BEARING .....	1
10	<b>378576</b>	LOCK RING .....	1
11	<b>550010</b>	BALL BEARING .....	2

# Bill of Materials

# 541 Series

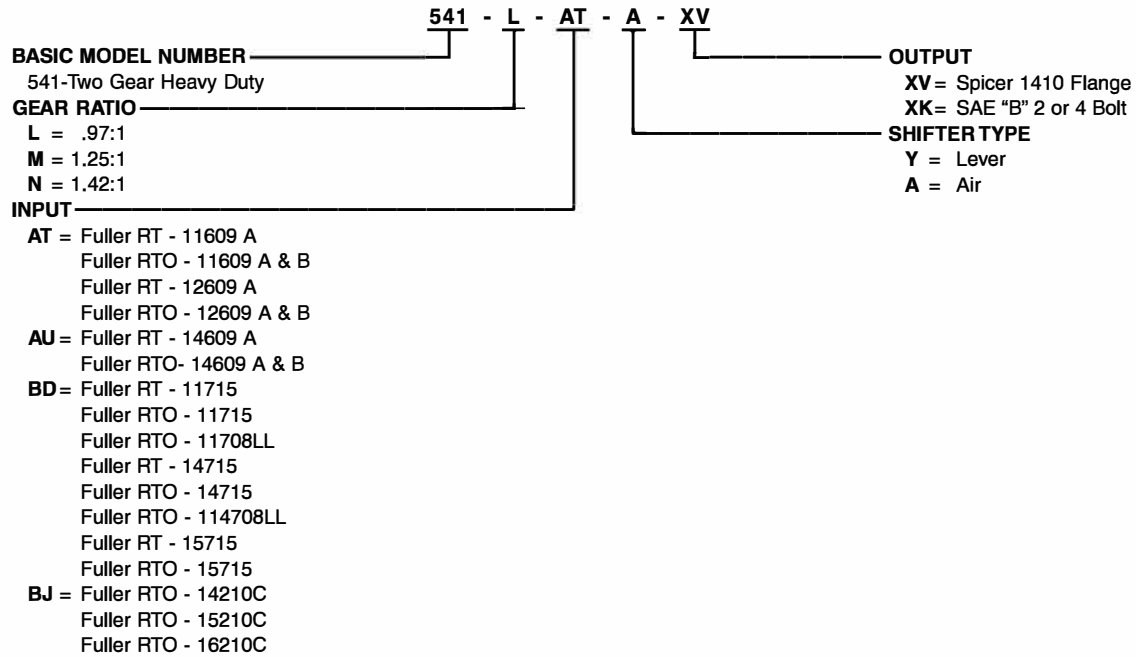
Item	Part Number	Description	Quantity
12	2-P-628	541-L OUTPUT GEAR, (32 Teeth) .....	1
	2-P-627	541-M OUTPUT GEAR, (28 Teeth) .....	1
	2-P-626	541-N OUTPUT GEAR, (26 Teeth) .....	1
13	3-P-805	OUTPUT SHAFT "XV", (for 1410 Series Flange) .....	1
14	28-P-249	O-RING .....	1
15	378895	LOCK RING .....	1
16	22-P-64	GASKET, Bearing Cap .....	1
17	21-P-356	BEARING CAP .....	1
18	378431-10	SCREW, Hex Head (.375"-16 x 1.00") .....	4
19	28-P-77	OIL SEAL .....	1
20	3-1-3881	FLANGE, 1410 Series .....	1
21	4-P-130	WASHER, Retainer .....	1
22	378435-7	SCREW, Hex Head (.625"-11 x 1.250") .....	1
23	328991X	LUBE PUMP, Gerotor .....	1
24	22-P-82	GASKET, Pump Adapter .....	1
25	22-P-73	GASKET, Pump .....	1
26	379302	PUMP ADAPTER .....	1
27	378429-6	SCREW, Hex Head (.250"-20 x .625") .....	2
28	379181	HOSE ASSEMBLY .....	1
28a	35-P-8	GASKET SHIFTER COVER .....	1
	328943X	<b>LEVER SHIFT COVER ASSEMBLY (Contains Items 29-39) .....</b>	<b>1</b>
29	28-P-82	COVER, Shift .....	1
30	28-P-207	OIL SEAL .....	2
31	32-P-160	SHIFTER FORK .....	1
32	378447-4	SCREW, Socket Head (.312"-18 x .625") .....	1
33	11-P-144	SHIFTER SHAFT .....	1
34	500381-3	NUT, Jam (.375"-24) .....	1
35	36-P-1	EYE BOLT .....	1
36	378002	SHIFTER BALL .....	1
37	37-P-41	SHIFTER SPRING .....	1
38	378554	POPPET CAP .....	1
	379652	INDICATOR SWITCH, (Norm. ON) .....	1
40	378430-8	SCREW, Hex Head (.312"-18 x .750") .....	4
N.S.	328751X	INDICATOR LIGHT KIT .....	1
	328794-50X	<b>INSTALLATION KIT (Contains Items 41-44) .....</b>	<b>1</b>
41	379304	STRAINER, OIL .....	1
42	379273	ELBOW, 90° .....	1
N.S.	379140-6	LOCKWASHER .....	3
43	379740-14	SCREW, Socket Head (M10 -1.5 x 70mm) .....	2
44	379740-19	SCREW, Socket Head (M10 -1.5 x 120mm) .....	1
45	378054	DOWEL PIN .....	1
	328952-16X	GASKET & INSTALLATION INSTRUCTIONS (includes item 46)	
46	28-P-174	O-RING .....	1
		<b>"XK" PUMP FLANGE OUTPUT .....</b>	<b>1</b>
47	3-P-806	PUMP SHAFT .....	1
48	378748	SNAP RING .....	1
	21-P-364	BEARING CAP, Pump Flange .....	1
50	28-P-216	OIL SEAL .....	1

N.S.—Not Shown



Item	Part Number	Description	Quantity
	<b>328953X</b>	<b>AIR SHIFT COVER ASSEMBLY (Contains Items 51-65) .....</b>	<b>1</b>
51	<b>378430-9</b>	SCREW, Hex Head (.312"-18 x .875") .....	4
52	<b>34-P-81</b>	CAP, Cylinder .....	1
53	<b>28-P-61</b>	O-RING, Piston .....	1
54	<b>66-P-19</b>	PISTON .....	1
55	<b>28-P-250</b>	"O" RING, Cylinder Cap .....	1
56	<b>65-P-15</b>	CYLINDER .....	1
57	<b>28-P-71</b>	O-RING .....	1
58	<b>35-P-14</b>	GASKET, Cylinder Cap .....	1
59	<b>34-P-82</b>	SHIFTER COVER .....	1
60	<b>32-P-160</b>	SHIFTER FORK .....	1
61	<b>378447-4</b>	SCREW, Socket Head (.312"-18 x .625") .....	1
62	<b>28-P-207</b>	OIL SEAL .....	1
63	<b>11-P-144</b>	SHIFTER SHAFT .....	1
64	<b>378554</b>	POPPET CAP .....	1
65	<b>379652</b>	INDICATOR SWITCH, (Norm. ON) .....	1
66	<b>378430-8</b>	SCREW, Hex Head (.312"-18 x .750") .....	4
N.S.	<b>328388-61X</b>	AIR SHIFT INSTALLATION KIT .....	1

N.S.—Not Shown





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## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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**4. Warranty:** Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of:

(A) All Power Take-Off units one (1) year from date of installation.

(B) Except 267, 277, 278, 242, 244, 245, 250, 251 and 859 series two (2) years from date of installation.

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**8. Buyer's Property:** Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

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