



Muncie SS88 Series PTO Parts & Service Manual

Pro Gear presents Muncie SS88 Series PTO Parts & Service Manual to assist in identifying the parts for your Muncie Power Take Off unit.

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

Pro Gear stocks every part for your Muncie 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, 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 Muncie specialists at Pro Gear & Transmission, Inc.

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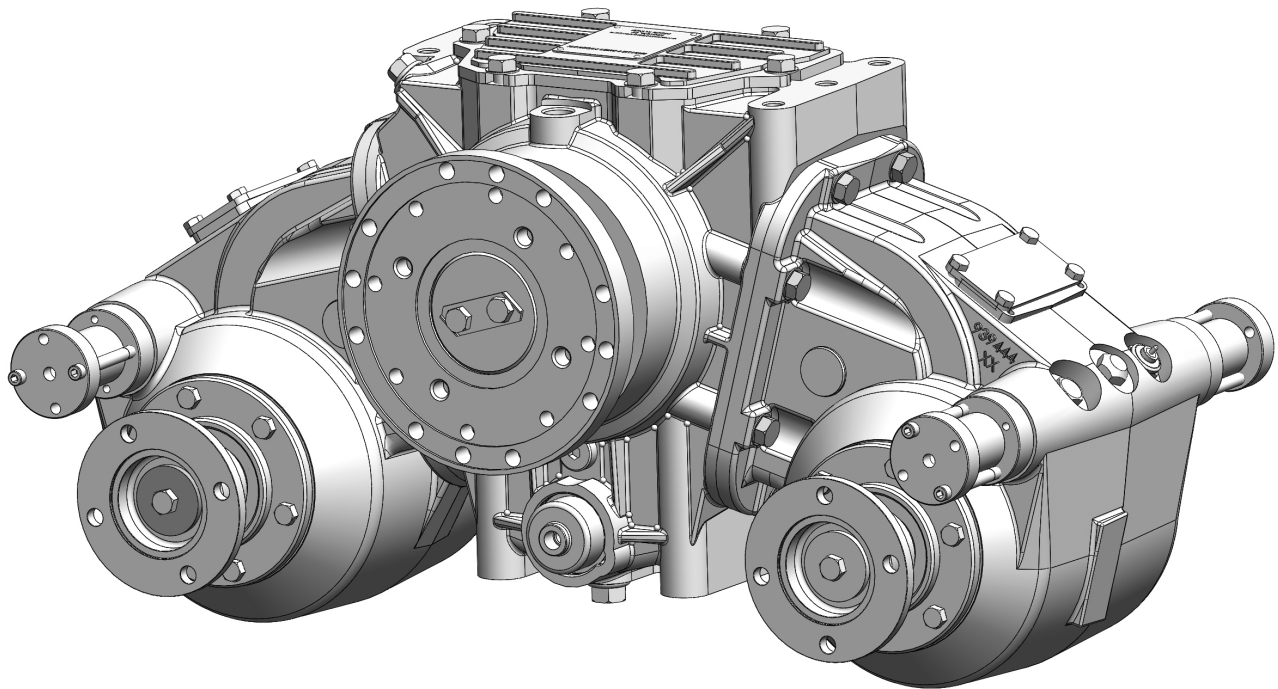
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SS66/SS88

SPLIT SHAFT PTO

PARTS LIST AND SERVICE MANUAL



Auxiliary PTO's are an example installation and are not included with Split Shaft PTO.

MODEL NUMBER CONSTRUCTION

SS-66-U2-X3-A 00 XX X

Split Shaft:

SS = Split Shaft

Series:

66 = 6-Bolt Opening (U60)

88 = 8-Bolt Opening (U68)

Torque Rating:

U2 = 2,900 lb.ft. (SS66)

14 = 14,000 lb.ft. (SS88)

21 = 21,000 lb.ft. (SS88)

Main Shaft Flange Selection:

X2 = 1410/DIN 20 (SS66)

X3 = 1480 & 1550 (SS66)

X5 = 1550, 1610, 1710 & 1810 (SS88)

XC = 1610, 1710 & 1810 (SS88)

Special Features:

X = None

Speed Options:

XX = None

PTO Mounting:

00 = Both Openings Covered

Shift Options:

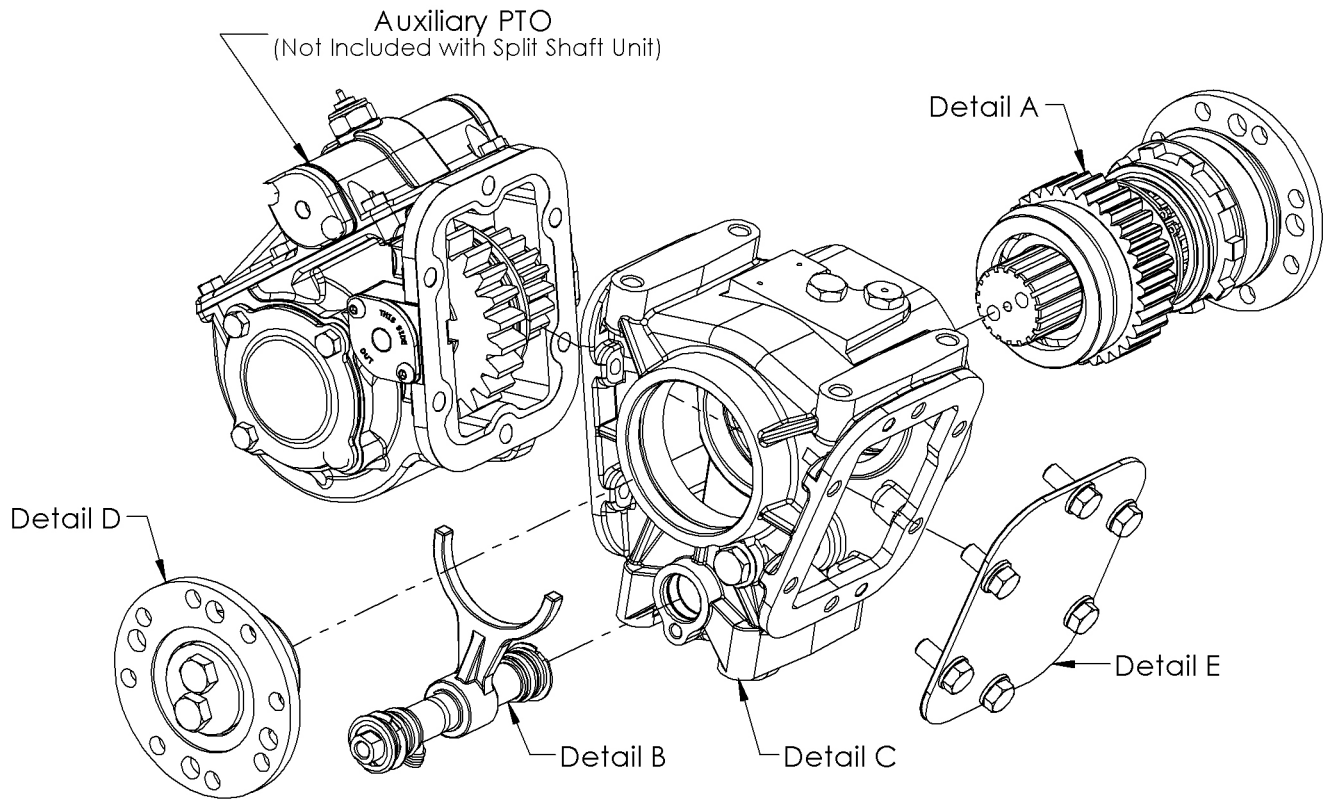
A = Manual Air 12V

C = Cable Control (SS66 Only)*

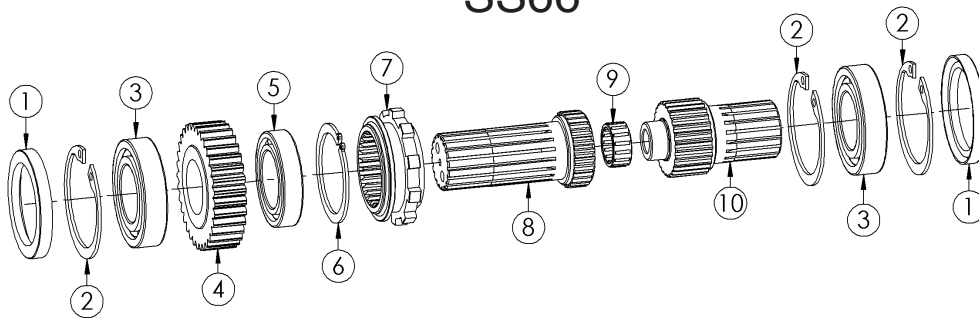
E = Electric/Air 12V

H = Hydraulic 12V

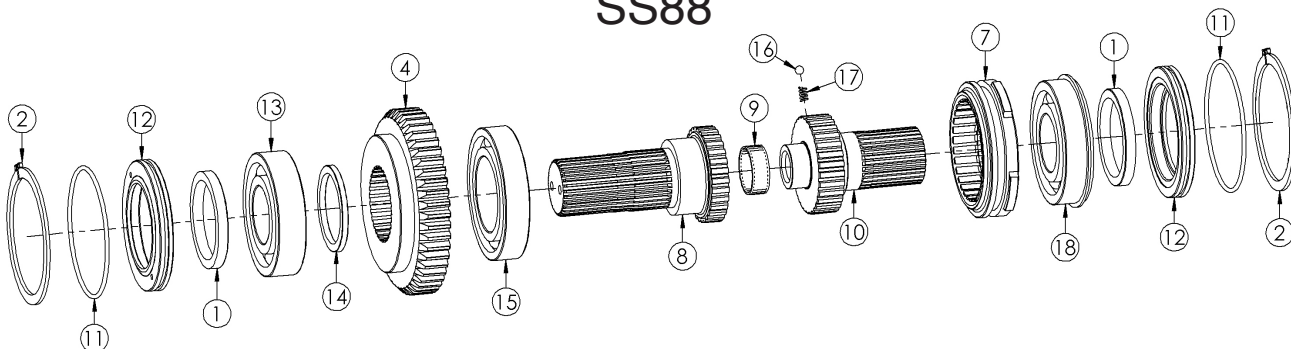
SS66/SS88 EXPLODED VIEW (SS66 Shown)



Detail A – Main Shaft Assembly SS66



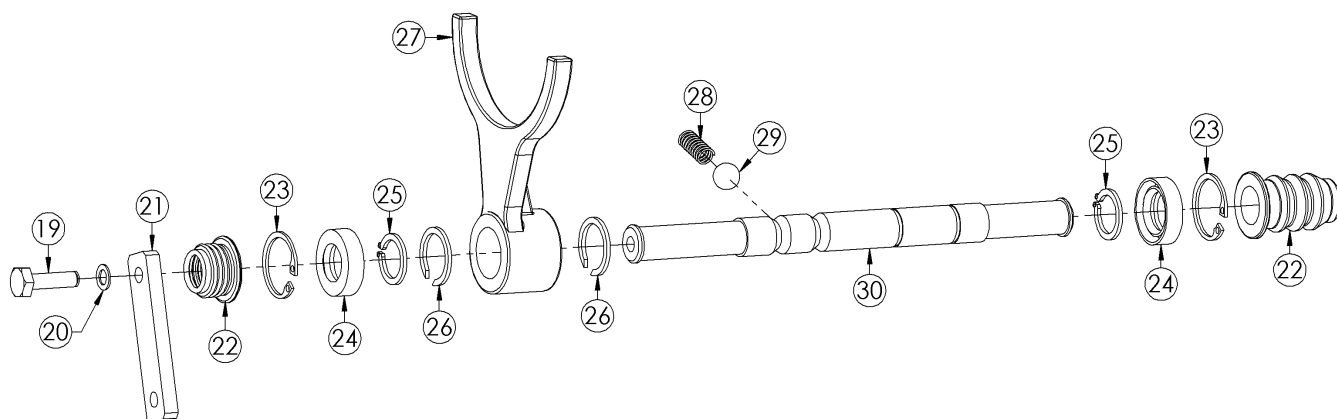
SS88



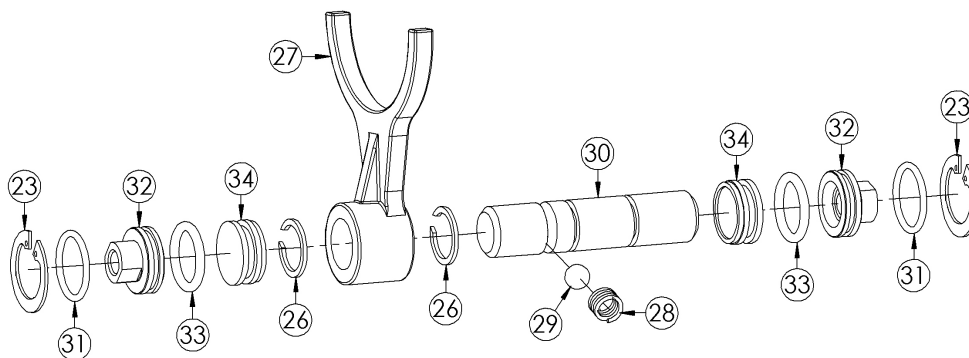
*Item 14 is a spacer that is only used with the SS88 – 21 shaft assembly.

DETAIL B – SHIFTER ASSEMBLY

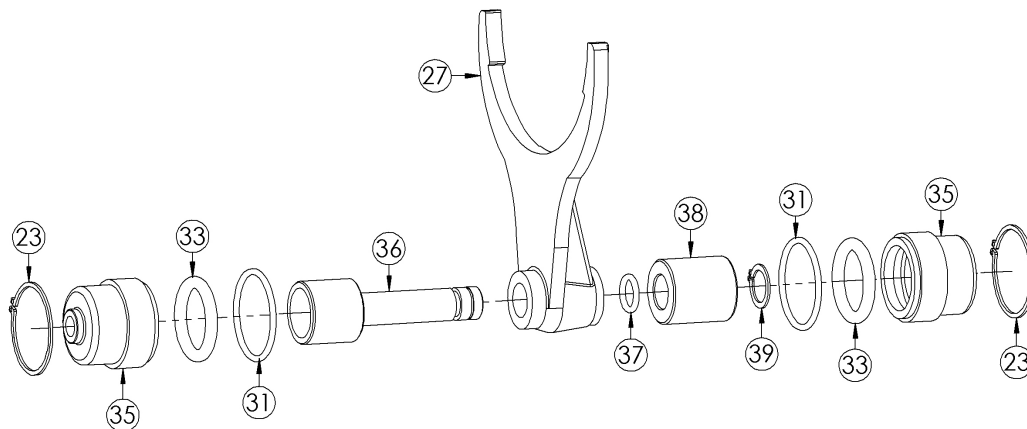
SS66 – Cable Shift Assembly



SS66 – Air Shift Assembly



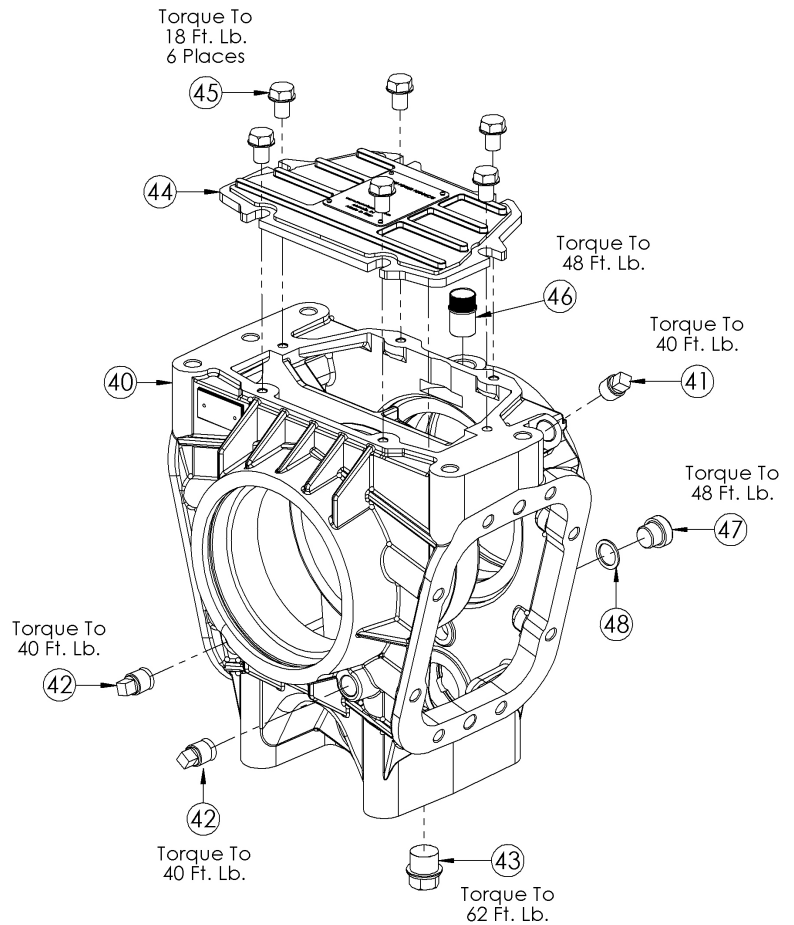
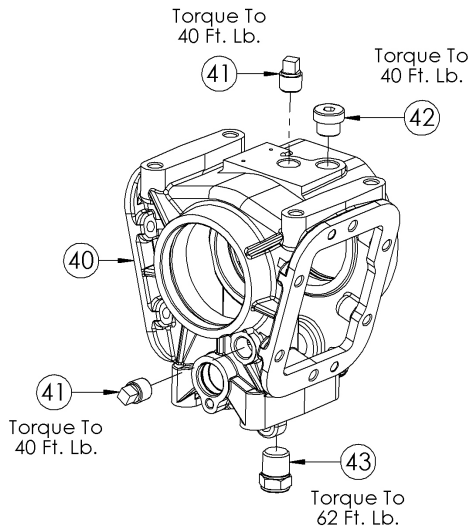
SS88 – Shift Assembly



DETAIL C – PTO HOUSING

SS66

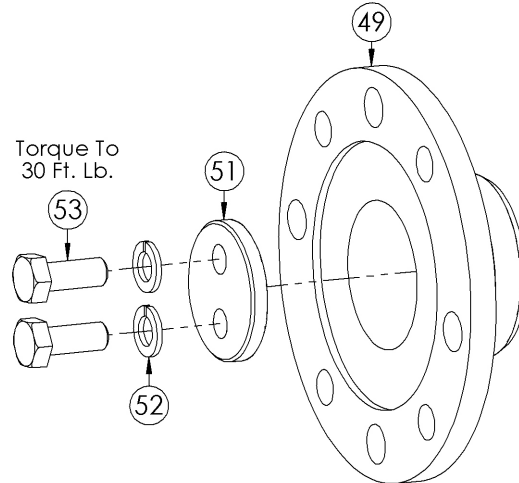
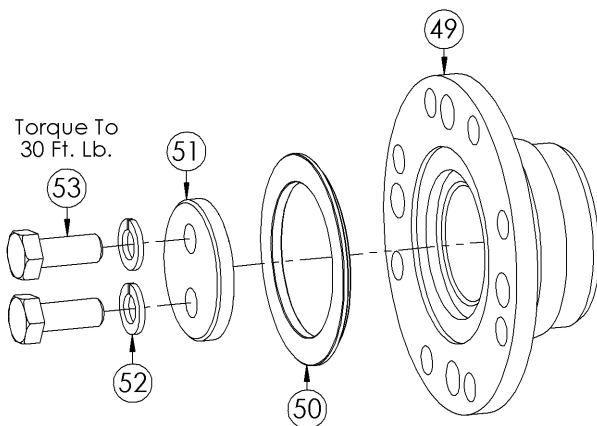
SS88



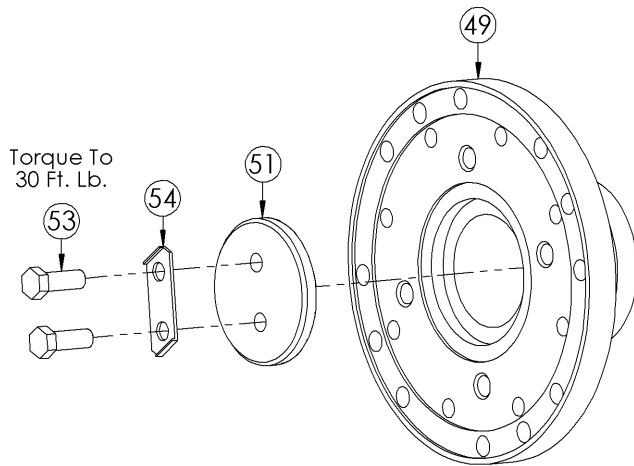
DETAIL D – PTO HOUSING

SS66 – 1410/DIN 20 Flange

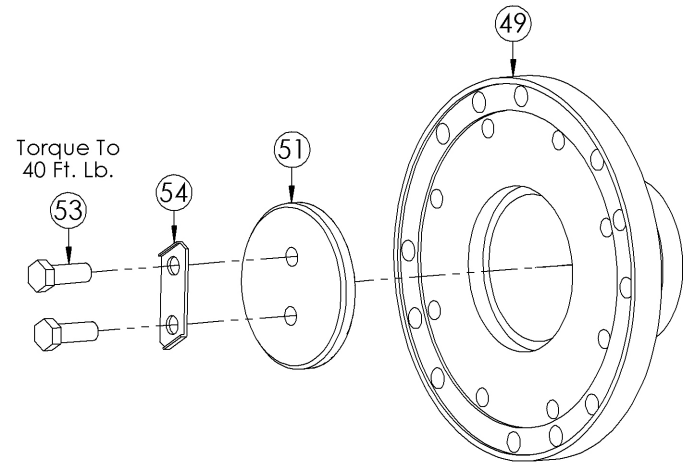
SS66 – 1480/1550 Flange



SS88 – 14 – 1550, 1610, 1710 & 1810 Flange



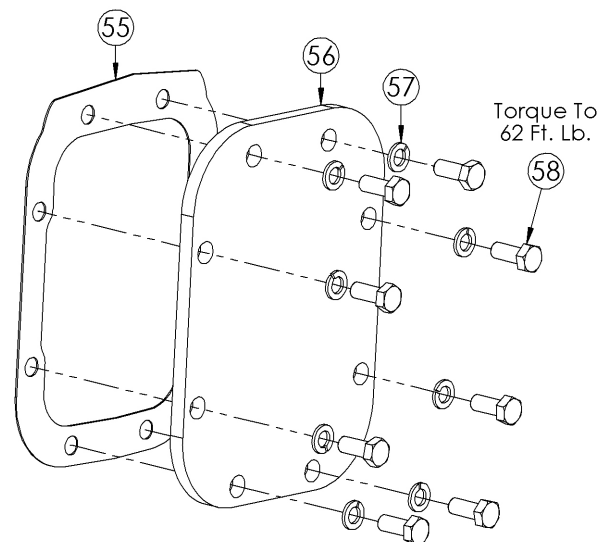
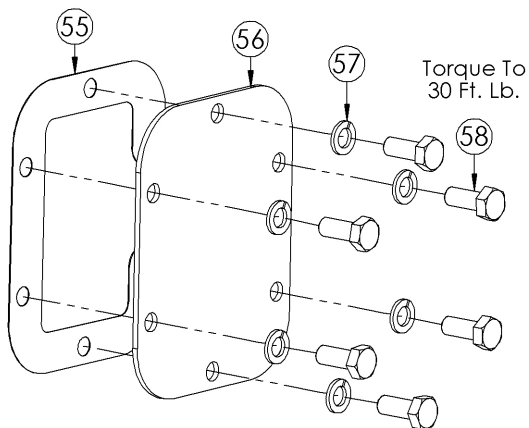
SS88 – 21 – 1610, 1710 & 1810 Flange



DETAIL E – COVER KIT

SS66

SS88



PARTS LIST AND DESCRIPTION

SS66

ITEM	QTY	PART NO.	DESCRIPTION
Detail A			
01	2	00801081000	Seal 65x85x10
02	3	00702029000	Snap Ring
03	2	10T35775	Bearing
04	1	11103108000	Gear 23T
05	1	10T38248	Bearing
06	1	00702044000	Snap Ring
07	1	11702079000	Shifter Sleeve
08	1	11301159000	Shaft
09	1	01006018000	Needle Bearing
10	1	11301158000	Shaft
Detail B			
19	1	00101027000	Capscrew M6x20
20	1	00404004000	Washer
21	1	19900249000	Lever
22	2	19900251000	Rubber Boot
23	2	00705005000	Snap Ring (Cable Shift)
	2	00702034000	Snap Ring (Air Shift)
24	2	00801004000	Seal 15x26x7
25	2	00701027000	Snap Ring
26	2	00703001000	Snap Ring
27	1	12201055000	Fork
28	1	12801003000	Coil Spring
29	1	01101002000	Ball ⅜"

ITEM	QTY	PART NO.	DESCRIPTION
30	1	11403091000	Shaft (Cable Shift)
	1	11403076000	Shaft (Air Shift)
31	2	00802067000	O-Ring
32	2	12401067000	Cover
33	2	00802014000	O-Ring
34	2	12102016000	Piston
Detail C			
40	1	10105011000	SS66 Housing
41	2	01201049000	Filler/Breather M18x1.5
42	1	01201038000	Filler/Breather M18x1.5
43	1	01201002000	Drain Plug M22x1.5
Detail D			
49	1	11604010000	1410/DIN 20 Flange
	1	11601033000	1480/1550 Flange
50	1	12702123000	Centering Ring (1410 Only)
51	1	12702129000	Washer
52	2	00404001000	Lock Washer
53	2	00101004000	Capscrew 10x25
Detail E			
(Kit 2990230000 – Includes items 55-58 below)			
55	1	12901501000	Gasket
56	1	09900005000	SAE Cover
57	6	00402003000	Lock Washer
58	6	00101003000	Capscrew M10x16

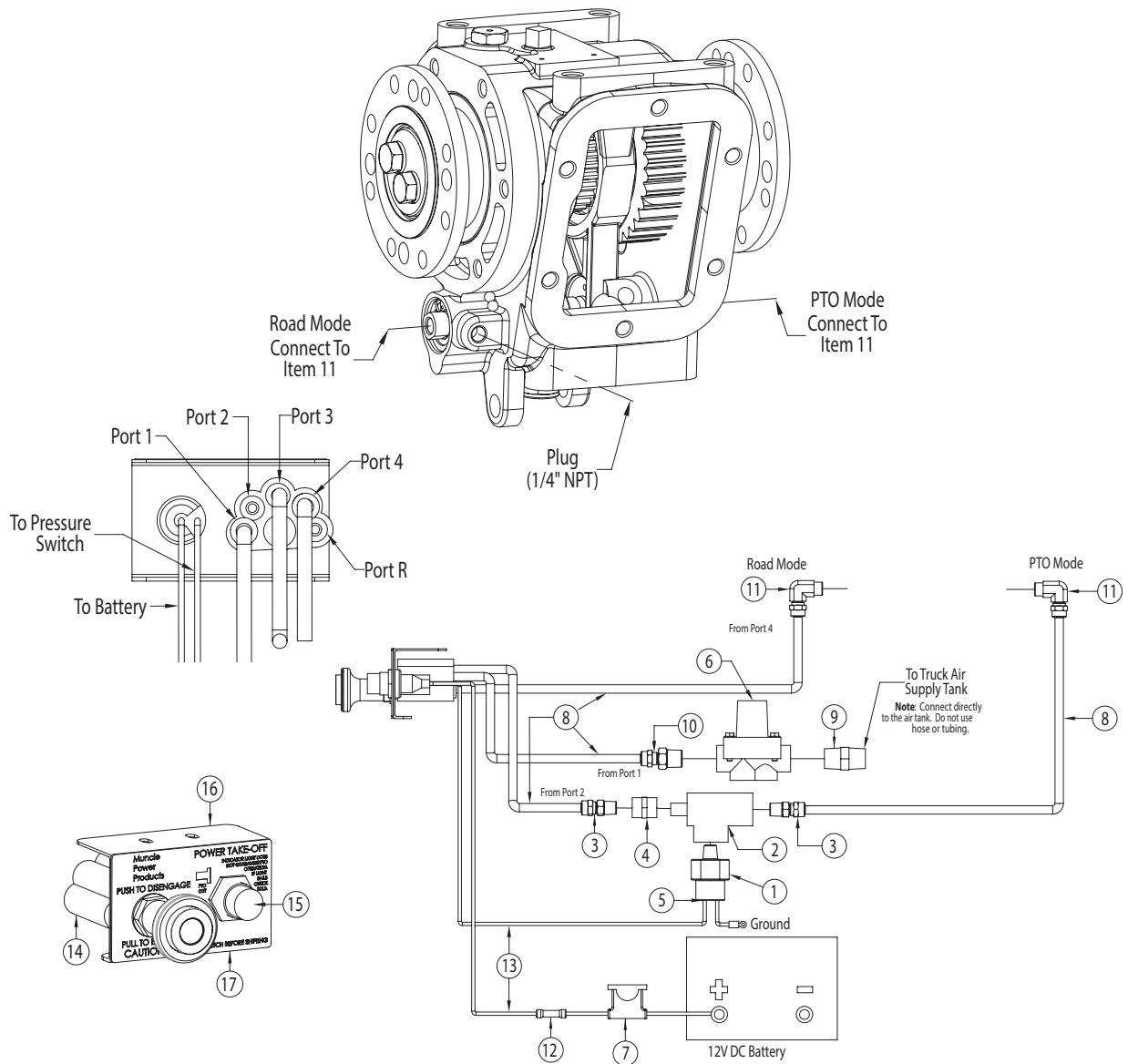
SS88

ITEM	QTY	PART NO.	DESCRIPTION
Detail A			
01	2	00801091000	Seal 90x110x12
02	3	00702029000	Snap Ring
04	2	11103107000	Gear 50T (14 Only)
	1	11103109000	Gear 50T (21 Only)
07	1	11702080000	Shifter Sleeve
08	1	11301199000	Shaft (14 Only)
	1	11301193000	Shaft (21 Only)
09	1	11301159000	Needle Bearing
10	1	11301198000	Shaft (14 Only)
	1	11301194000	Shaft (21 Only)
11	2	00802140000	O-Ring
12	2	12702122000	Ring
13	1	01001040000	Bearing (14 Only)
	1	01003021000	Bearing (21 Only)
14	1	12601122000	Spacer (21 Only)
15	1	01001042000	Bearing
16	1	01101002000	Ball ⅜"
17	1	12801006000	Spring
18	1	01003022000	Bearing (21 Only)
	1	01001041000	Bearing (14 Only)
Detail B			
23	2	00705002000	Snap Ring
27	1	12201044000	Fork
31	2	00802138000	O-Ring
33	2	00802137000	O-Ring
35	2	10801001000	Cylinder
36	1	12101030000	Piston
37	1	00802136000	O-Ring
38	1	12102038000	Piston
39	1	00701022000	Snap Ring

ITEM	QTY	PART NO.	DESCRIPTION
Detail C			
40	1	10105018000	SS88 Housing
41	1	01201049000	Plug M18x1.5
43	1	01201002000	Drain Plug M22x1.5
44	1	12401094000	Housing Cover
45	6	00101076000	Capscrew M8x20
46	1	01201115000	Filler/Breather Plug ½" BSPP
47	1	01201133000	Plug M18x1.5
48	1	00401095000	Washer 18x24x1.5
48a	1	12901152000	Gasket
Detail D Items 49, 51, 54, 53 Kit 205F8330000 (14 Only) Kit 205F7860000 (21 Only)			
49	1	11604009000	1550/1610/1710/1810 Flange (14 Only)
	1	11604011000	1610/1710/1810 Flange (21 Only)
51	1	12702124000	Washer (14 Only)
	1	12702191000	Washer (21 Only)
54	1	19900244000	Securing Tab (14 Only)
	1	19900387000	Securing Tab (21 Only)
53	2	00101014000	Capscrew M10x30 (SS66/SS88-14 Only)
	2	00101234000	Capscrew M12x45 (SS88-21 Only)
Detail E			
(8-Bolt Kit 299B2850000 – Includes Items 55-58 below)			
55	1	12901534000	Gasket
56	1	12401124000	Cover
57	8	00402004000	Washer
58	8	00101010000	Lock Washer

SS66/SS88 ACTIVATION KITS

SS66 Manual Air: A-Option – 48TK4985

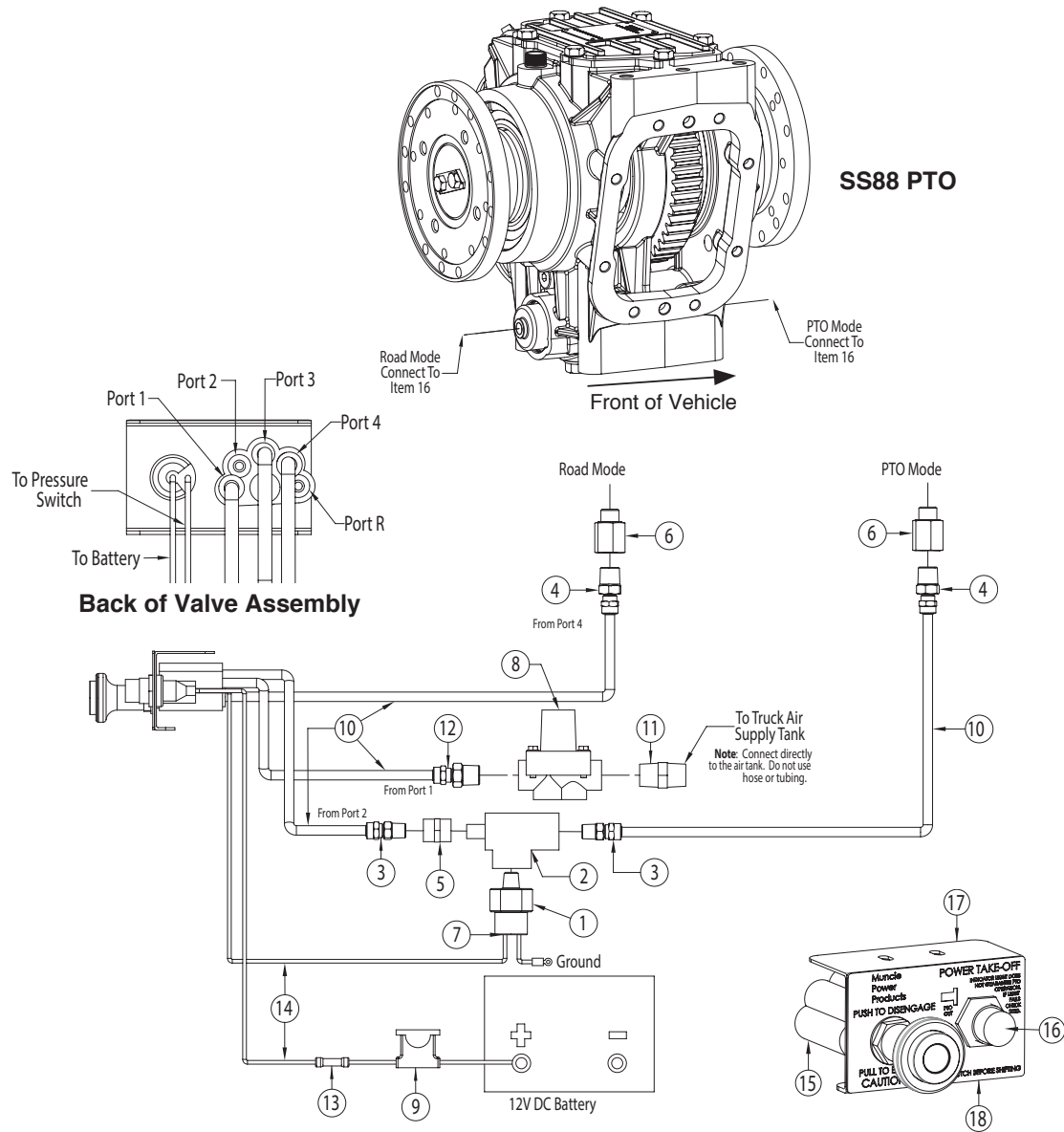


ITEM	QTY	PART NO.	DESCRIPTION
Activation Kit 48TK4985			
1	1	30T37954	Pressure Switch
2	1	44MB2252	1/8" NPT Street Tee
3	2	44MB6842	1/8" NPT Fitting
4	1	44T35791	Fitting
5	1	34T36941	Pig Tail
Activation Kit 48M61261A (Included in 48TK4985)			
6	1	31M15759	Pressure Protection Valve
7	1	33T36299	Fuse Assembly
8	1	45M44430	Air Tubing 30 ft.
9	2	44MB2164	1/4" NPT Nipple

ITEM	QTY	PART NO.	DESCRIPTION
10	1	44MB6844	1/4" NPT Fitting
11	2	44MB6942	Elbow Fitting
12	3	34M18002	End Crimp
13	12.5 ft.	37M18000	Electrical Wire
14	1	35T37955	Air Valve
15	1	32M12001	PTO Light - 12v DC
16	1	36T38049	Dash Bracket
17	1	36T38016	Face Plate
N.S.	1	34T38163	Booted Connector
N.S.	1	35MK1007	Bolt Kit

SS66/SS88 ACTIVATION KITS

SS88 Manual Air: A-Option – 48TK4428



ITEM	QTY	PART NO.	DESCRIPTION
Activation Kit 48TK4428			
1	1	30T37954	Pressure Switch
2	1	44MB2252	1/8" NPT Street Tee
3	2	44MB6842	1/8" NPT Fitting
4	2	44MB6844	Fitting
5	1	44T35791	Pipe Coupling
6	2	44T38628	12mm x 1/4" NPT Adapter
7	1	34T36941	Pig Tail
Activation Kit 48M61261A (Included in 48TK4985)			
8	1	31M15759	Pressure Protection Valve
9	1	33T36299	Fuse Assembly

ITEM	QTY	PART NO.	DESCRIPTION
10	1	44M44430	Air Tubing 30 ft.
11	1	44MB2164	1/4" NPT Fitting
12	1	44MB6844	Fitting
13	3	34M18002	End Crimp
14	12.5 ft.	37M18000	Electrical Wire
15	1	35T37955	Air Valve
16	1	32M12001	PTO Light - 12v DC
17	1	36T38049	Dash Bracket
18	1	36T38016	Face Plate
N.S.	1	34T38163	Booted Connector
N.S.	1	35MK1007	Bolt Kit

SS66/SS88 ACTIVATION KITS

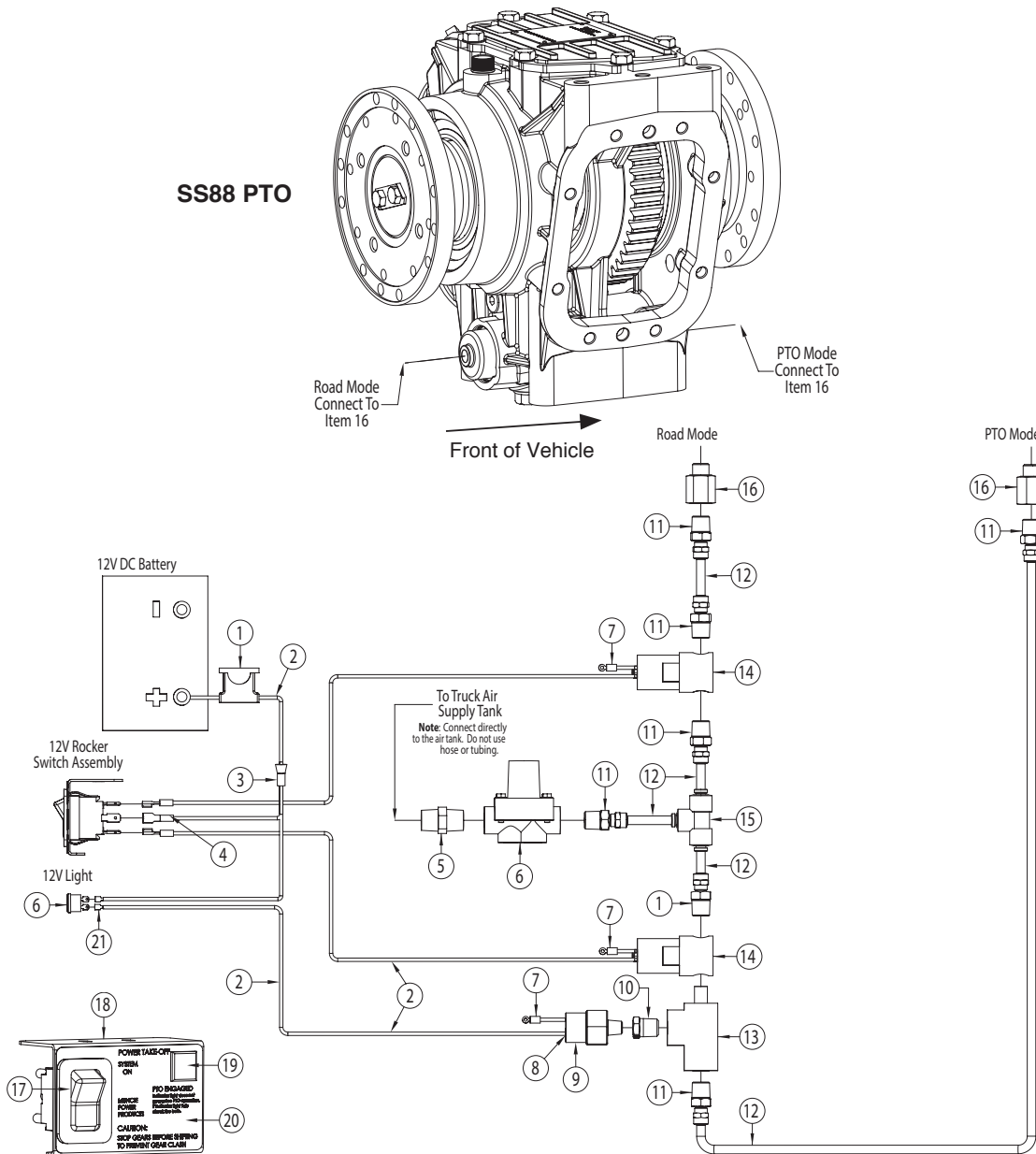
SS66 Manual Air: E-Option – 48TK5248



ITEM	QTY	PART NO.	DESCRIPTION
12	1	45M44430	Air Tubing 30 ft.
13	1	44MB2254	¼" NPT Street Tee
14	2	35M30692	12v Solenoid NC
15	1	44T40394	¼" Tee Fitting
16	2	44MB6942PTC	Push to Connect Tube Fitting
17	1	30T41994	12v Rocker Switch
18	1	36MA1005	Dash Bracket
19	1	32MSR12V	12v Light
20	1	36T35431	Face Plate
21	2	34M18187	Femal Spade Connector (¾")
22	N.S.	36MK1007	Bolt Kit

SS66/SS88 ACTIVATION KITS

SS88 Manual Air: E-Option – 48TK5268

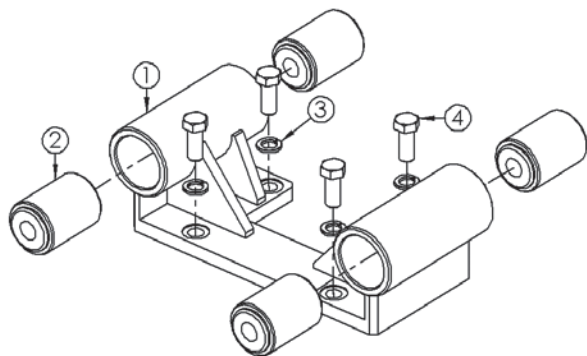


ITEM	QTY	PART NO.	DESCRIPTION
1	1	33T36299	Fuse Assembly
2	12 ft.	37M18000	18 Ga. Red Wire
3	6	34T36362	Crimp Connector
4	3	34M18250	Female Spade Connector (1/4")
5	1	44MB2164	1/4" NPT Nipple
6	1	31M15759	Pressure Protection Valve
7	3	34M18009	Ring Terminal
8	1	34T36941	Harness Pigtail
9	1	30T37954	Pressure Switch
10	1	44MB0942	Reducer Bushing
11	7	44MB6844PTC	Push to Connect Tube Fitting

ITEM	QTY	PART NO.	DESCRIPTION
12	1	45M44430	Air Tubing 30 ft.
13	1	44MB2254	1/4" NPT Street Tee
14	2	35M30692	12v Solenoid NC
15	1	44T40394	1/4" Tee Fitting
16	2	44T38628	12mm x 1/4" NPT Adapter
17	1	30T41994	12v Rocker Switch
18	1	36MA1005	Dash Bracket
19	1	32MSR12V	12v Light
20	1	36T35431	Face Plate
21	2	34M18187	Femal Spade Connector (3/16")
22	N.S.	36MK1007	Bolt Kit

SS66/SS88 KITS

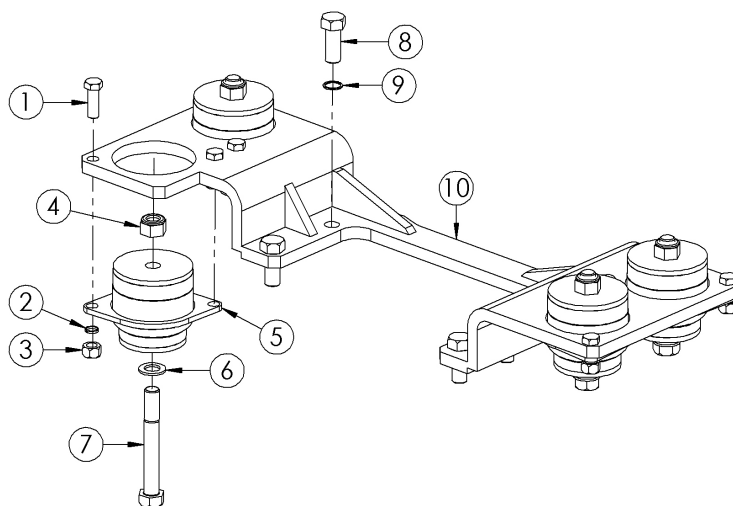
SS66 Support Bracket – 2991970000



ITEM	QTY	PART NO.	DESCRIPTION
1	1	1243A197000	Bracket
2	4	099006765000	Silent Block
3	4	05100012000	Lockwasher
4	4	02112030000	Capscrew M12x30

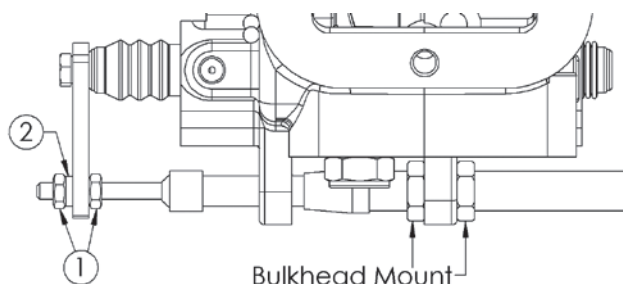
SS88 Support Bracket – 299K2870000

ITEM	QTY	PART NO.	DESCRIPTION
1	8	0010101400	Capscrew M10x30
2	8	0040200300	Lock Washer
3	8	0030100400	Hex Nut M10
4	4	0030200200	Hex Nut M14
5	4	0990018800	Suspension Element
6	4	0040112300	Washer
7	4	0010107800	Capscrew M14x110
8	5	0010107900	Capscrew M14
9	5	0040201000	Lock Washer
10	1	XXXXXXXXXX	Bracket



SS66 Cable Kit – 28TK4426

ITEM	QTY	PART NO.	DESCRIPTION
1	2	22MX1032	Jam Nut
2	1	21M11100	Lockwasher



Cable Control sold separately

Cable Shown: 55 Series with a 2" travel and a bulkhead mount

Cable Number: KB55-BM-2-XXX (XXX –Length in inches)

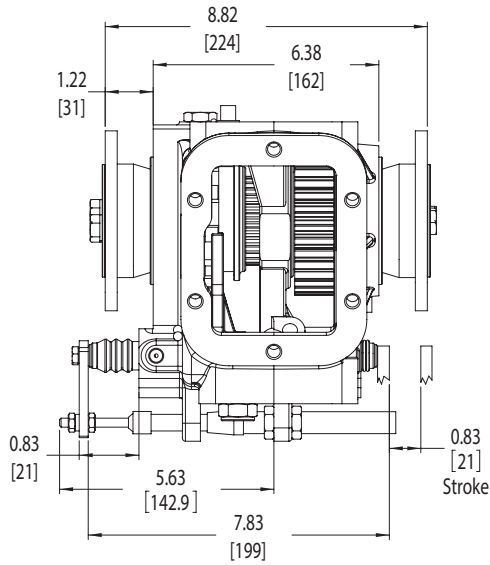
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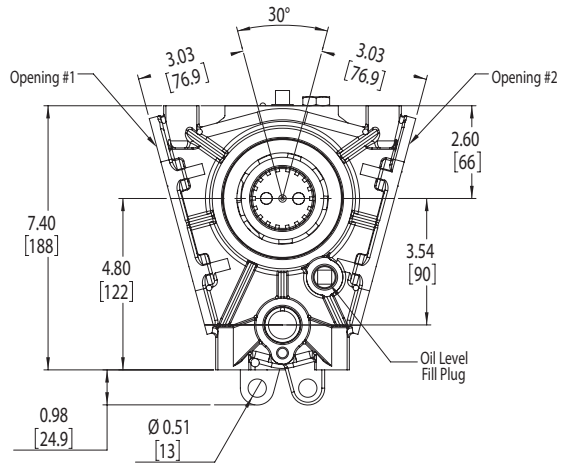
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DIMENSIONAL INFORMATION

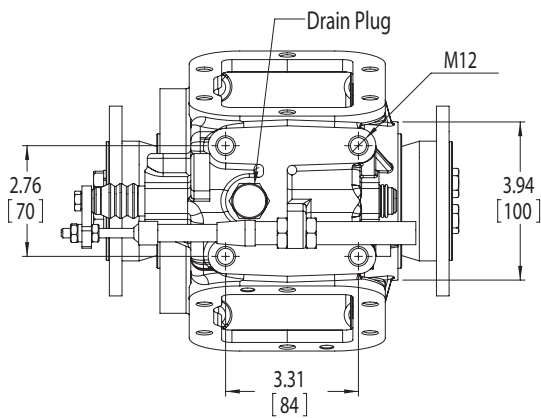
SS66 PTO



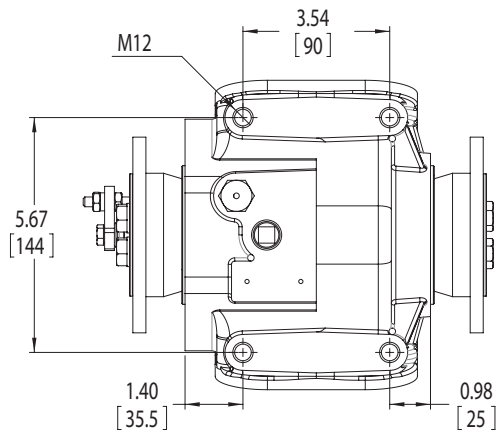
Side View



Front View



Bottom View

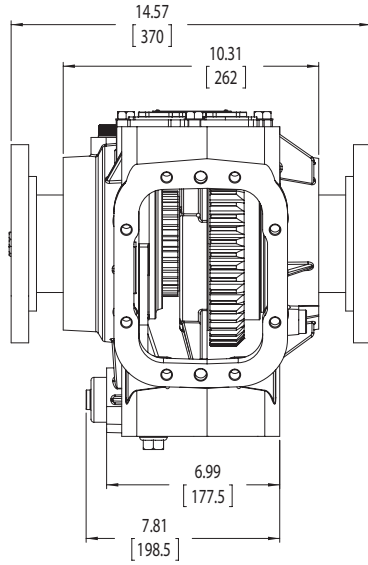


Top View

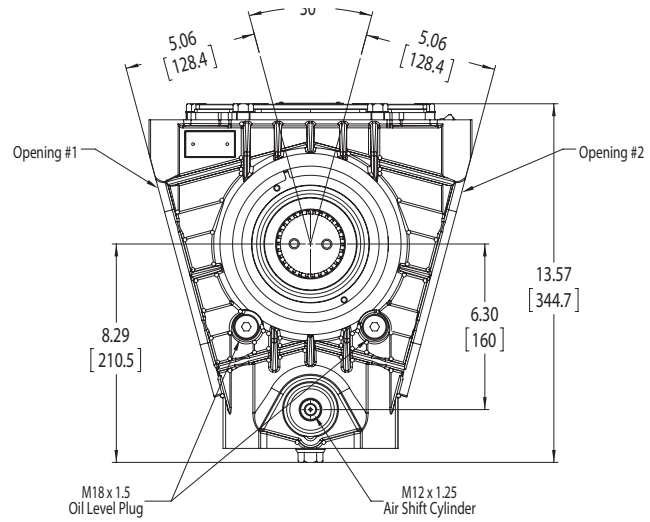
Front of Vehicle
→

DIMENSIONAL INFORMATION

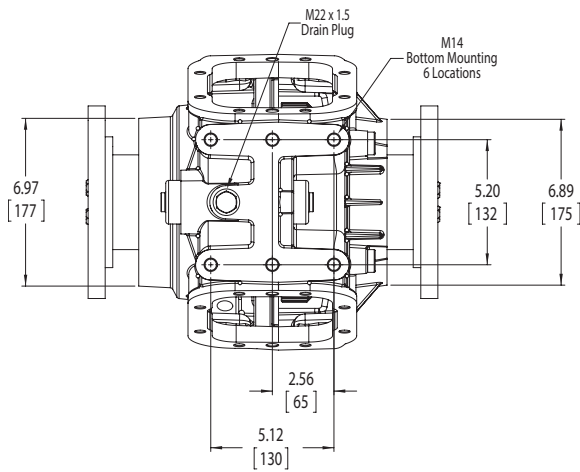
SS88 PTO



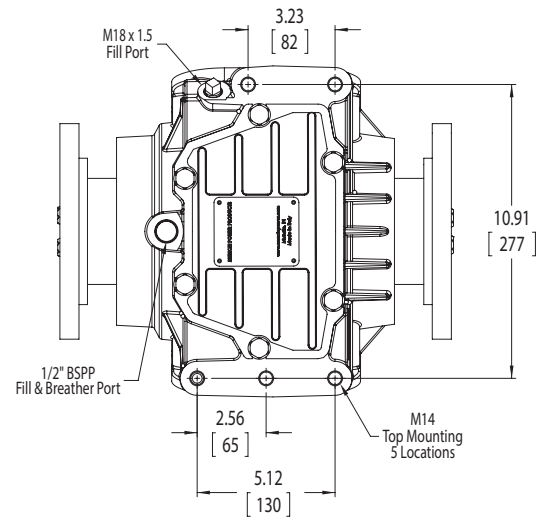
Side View



Front View



Bottom View



Top View

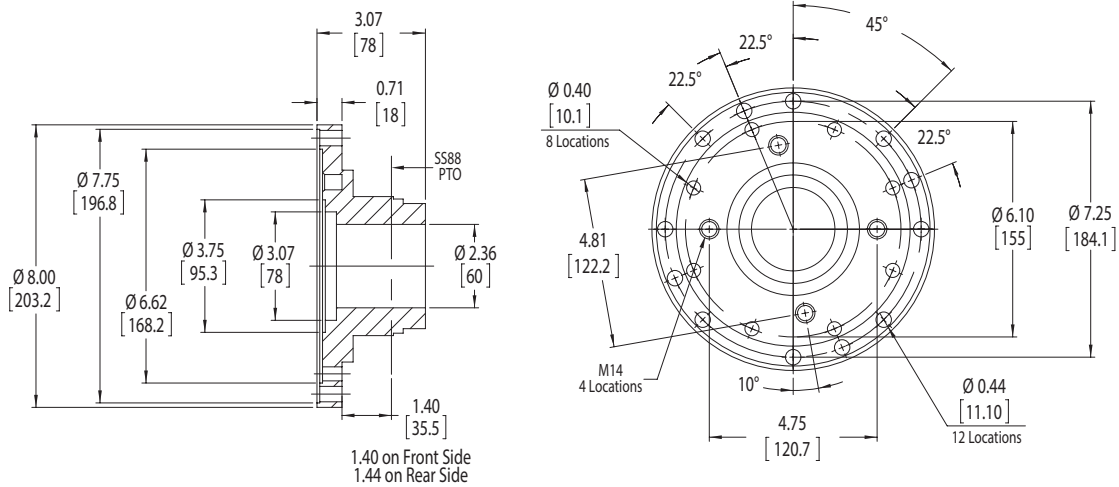
Front of Vehicle



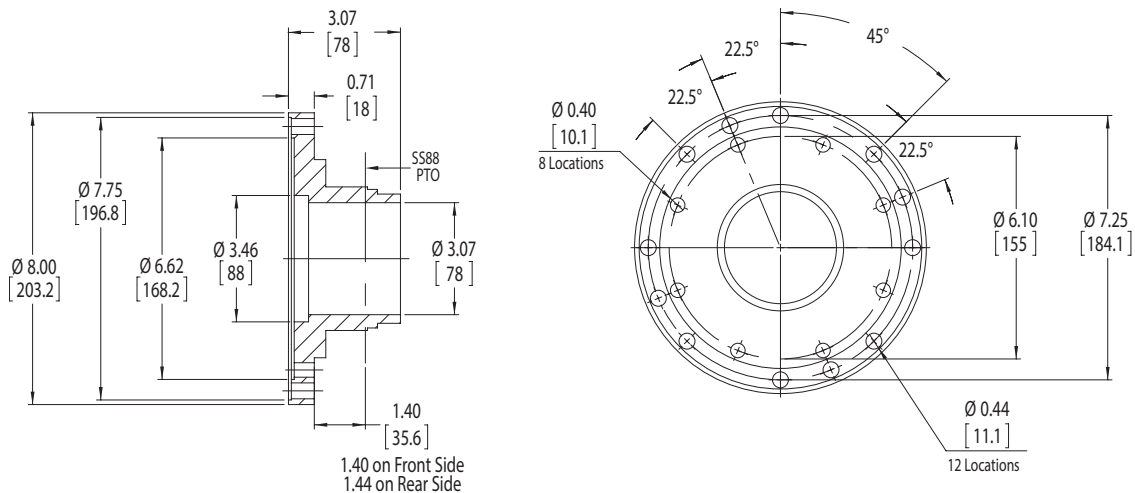
MAIN SHAFT FLANGES

SS88 PTO

14 – Main Shaft Flange 1550/1610/1710/1810

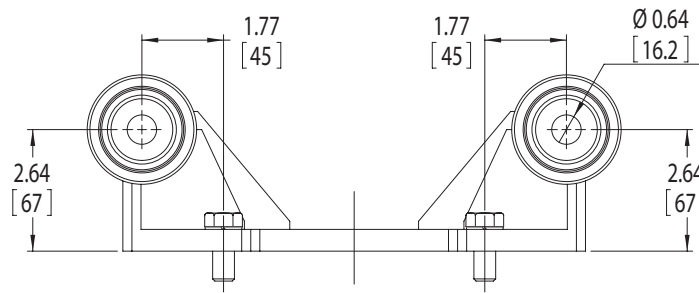


21 – Main Shaft Flange 1610/1710/1810

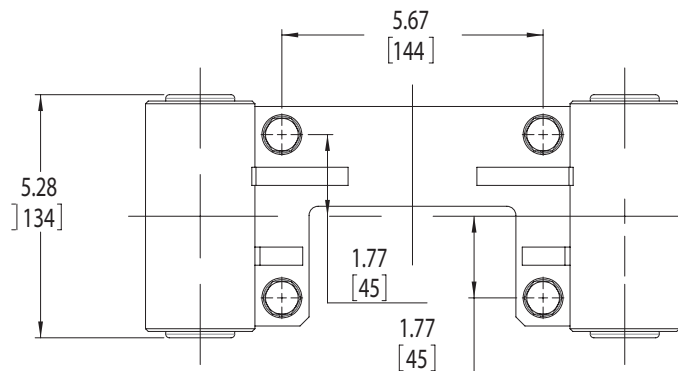


SS66 SUPPORT BRACKET KIT – 2991970000*

Front View

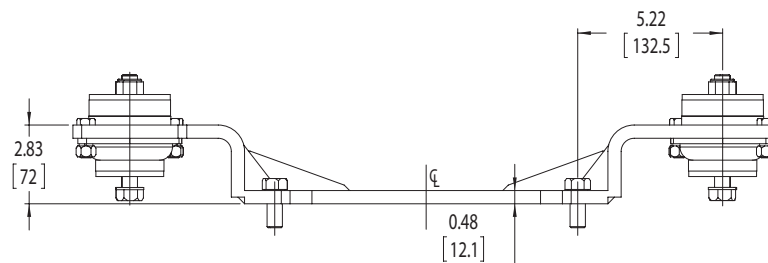


Top View

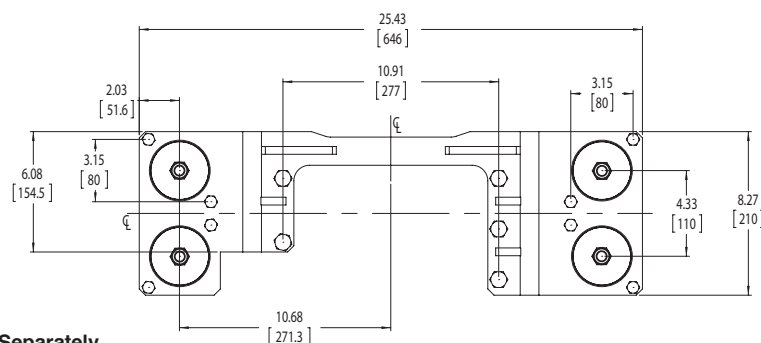


SS88 SUPPORT BRACKET KIT – 299K2870000*

Front View



Top View



*Kit Sold Separately



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SP17-02 (Rev. 02-19)

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