

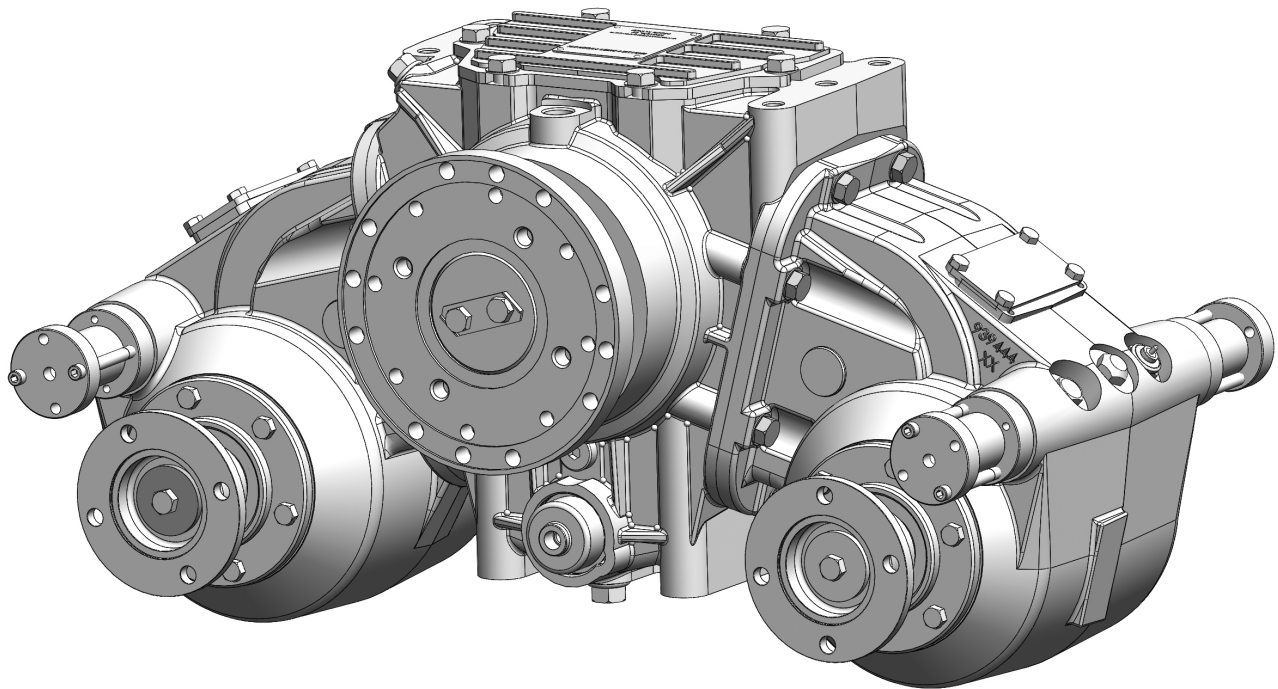


Muncie®
Power
Products

SS66/SS88

SPLIT SHAFT PTO

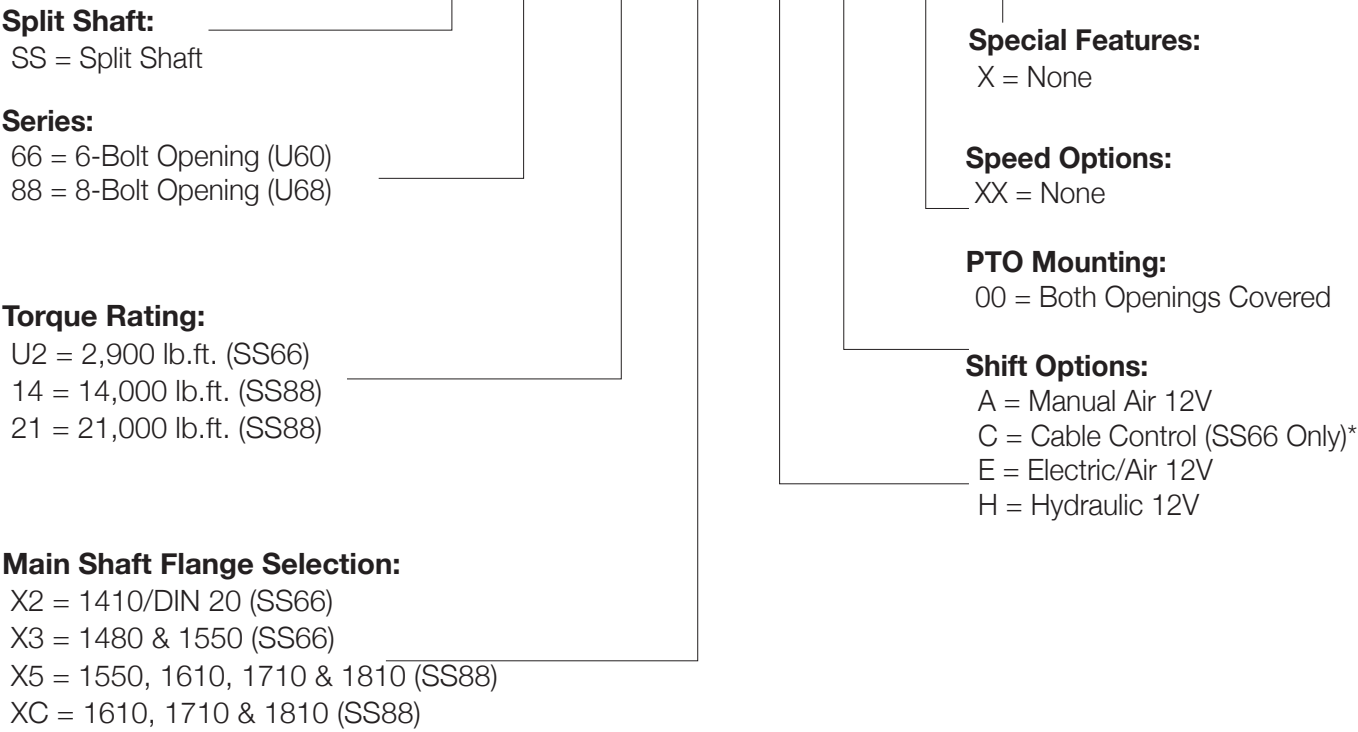
PARTS LIST AND SERVICE MANUAL



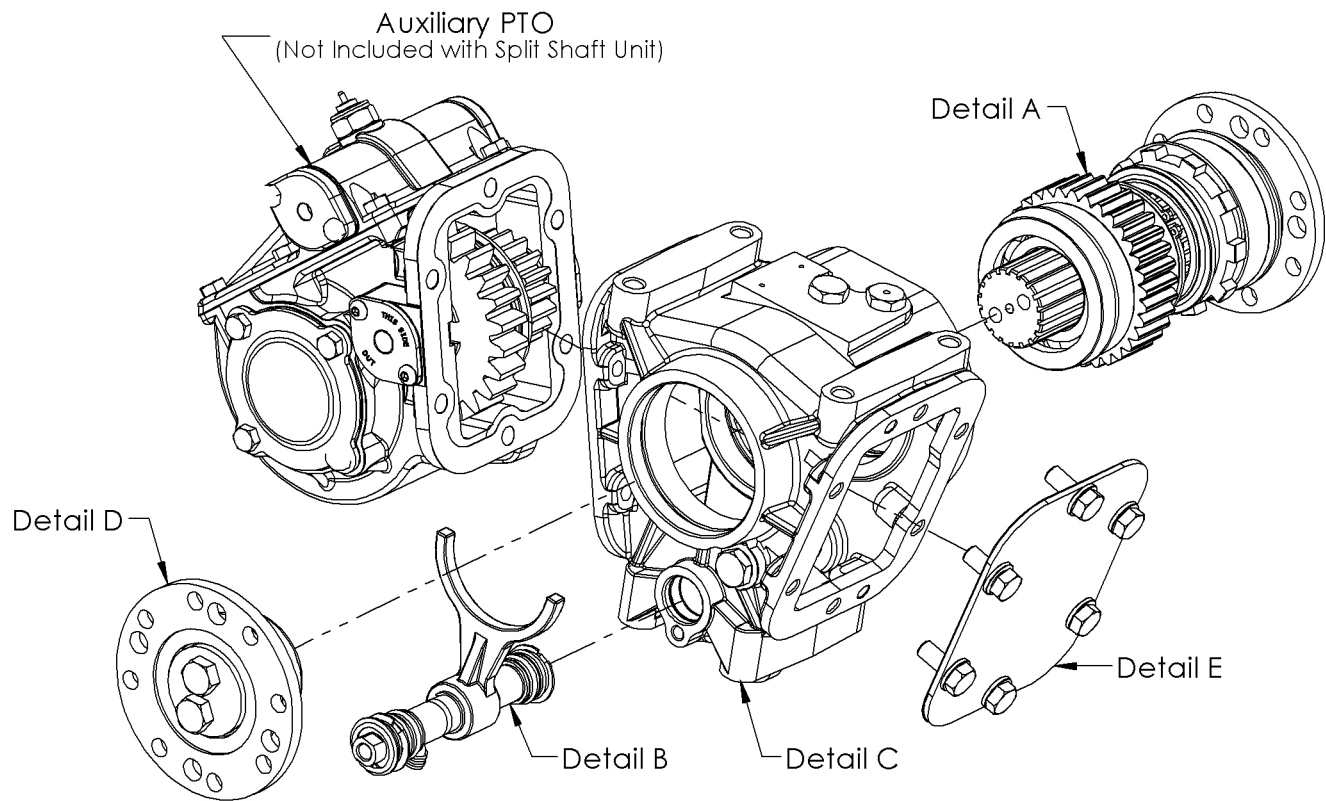
Auxiliary PTO's are an example installation and are not included with Split Shaft PTO.

MODEL NUMBER CONSTRUCTION

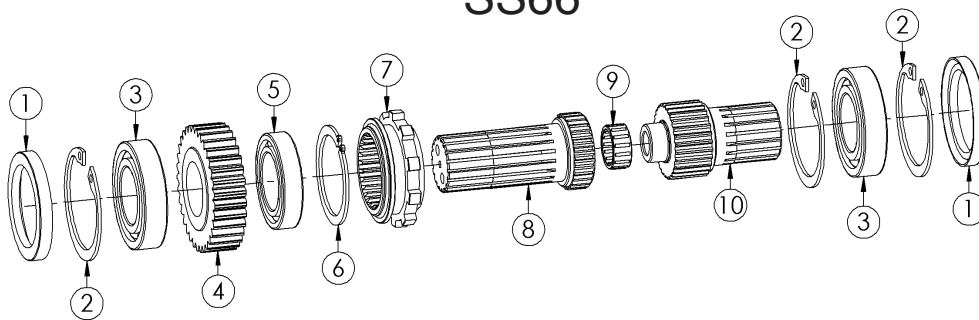
SS-66-U2-X3-A 00 XX X



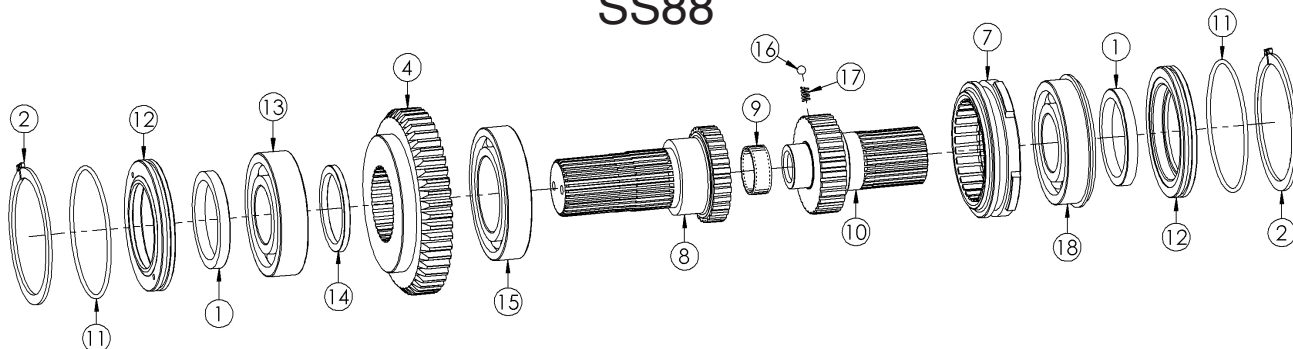
SS66/SS88 EXPLODED VIEW (SS66 Shown)



Detail A – Main Shaft Assembly SS66



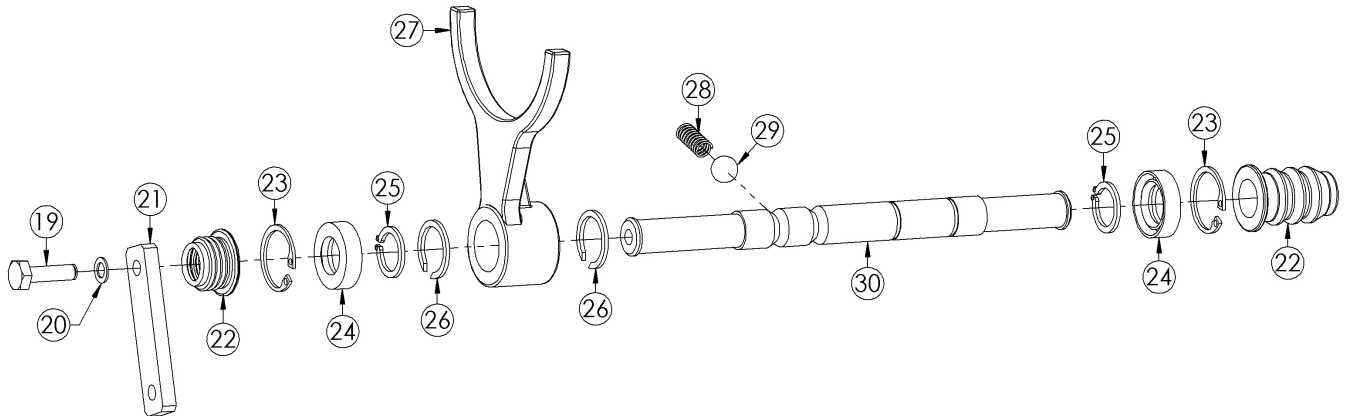
SS88



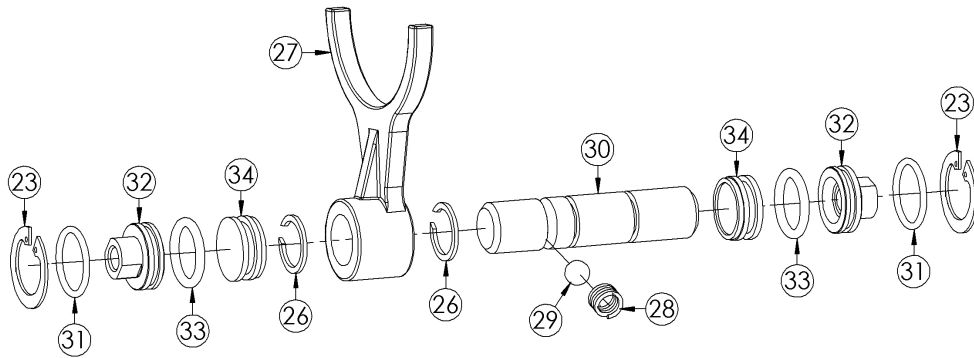
*Item 14 is a spacer that is only used with the SS88 – 21 shaft assembly.

DETAIL B – SHIFTER ASSEMBLY

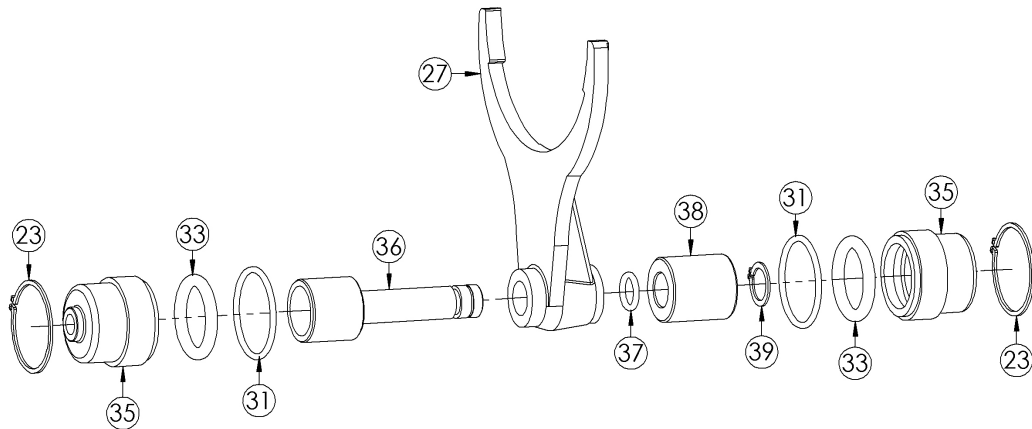
SS66 – Cable Shift Assembly



SS66 – Air Shift Assembly



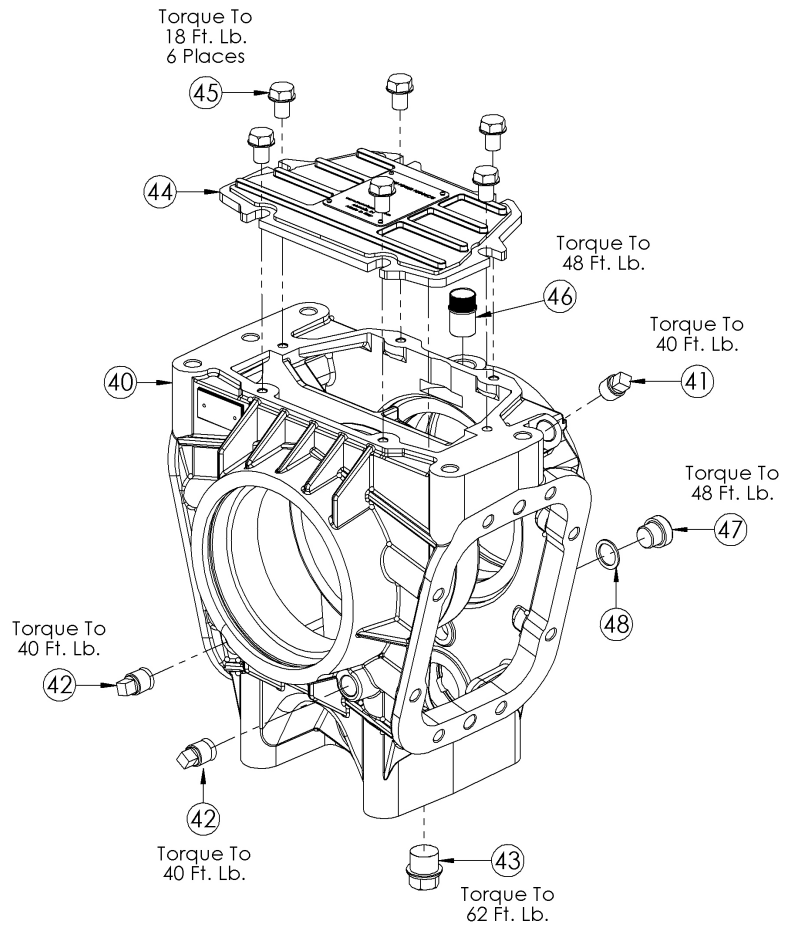
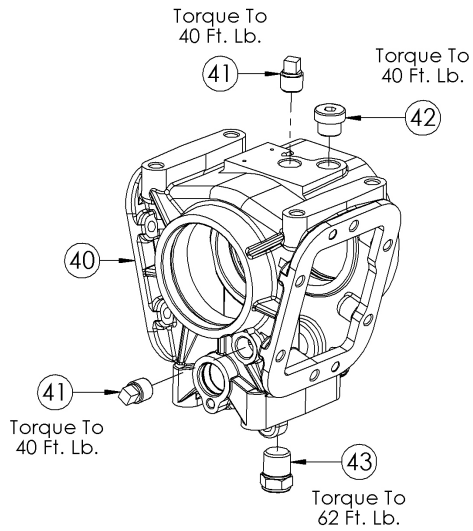
SS88 – Shift Assembly



DETAIL C – PTO HOUSING

SS66

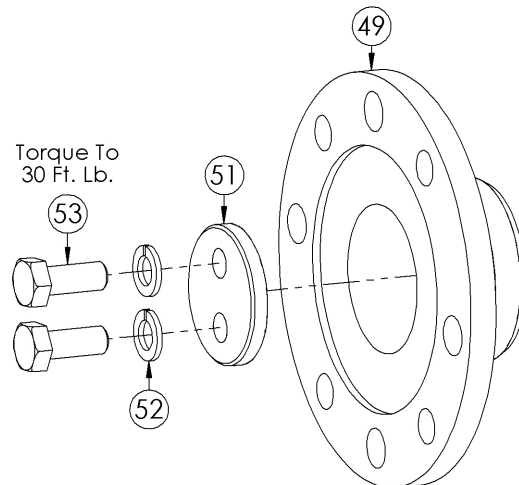
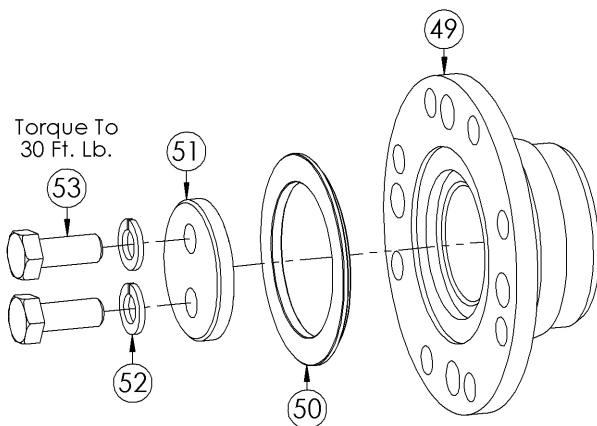
SS88



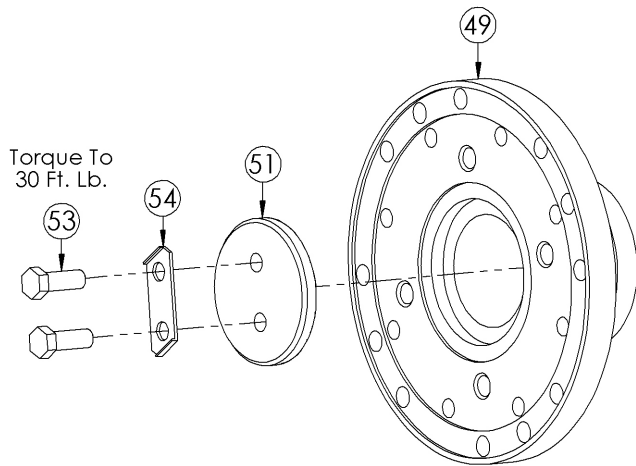
DETAIL D – PTO HOUSING

SS66 – 1410/DIN 20 Flange

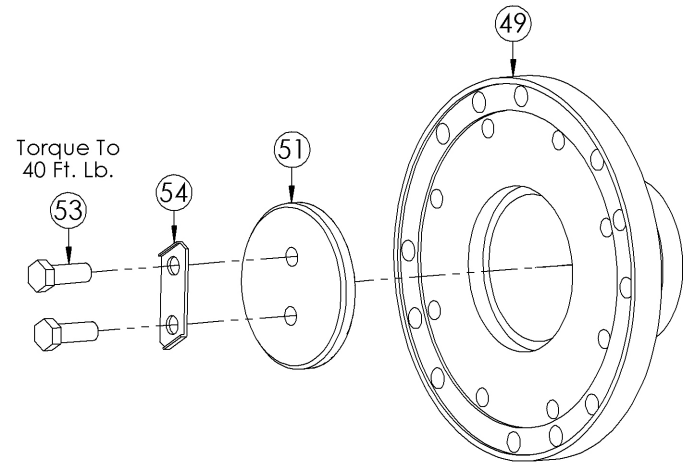
SS66 – 1480/1550 Flange



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



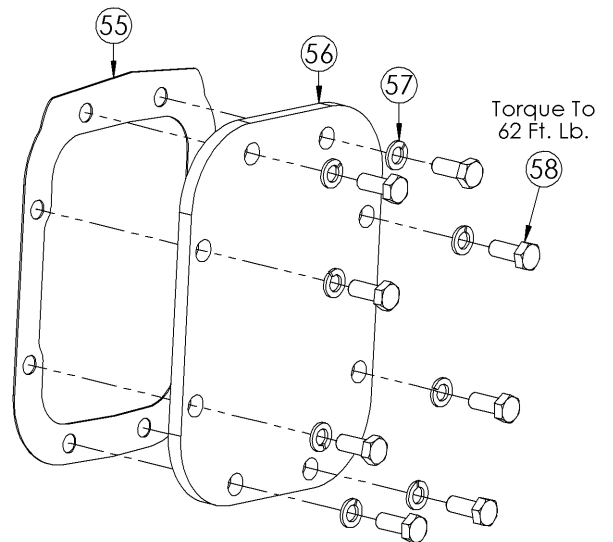
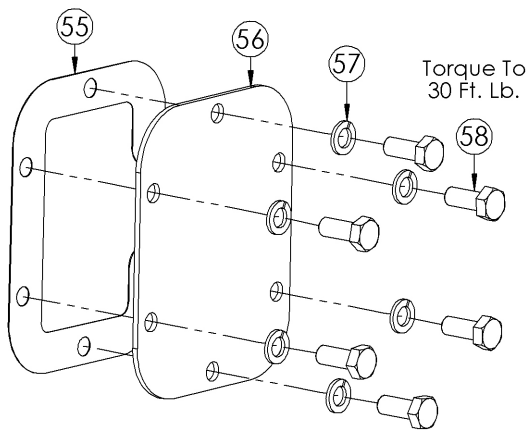
SS88 – 21 – 1610, 1710 & 1810 Flange



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

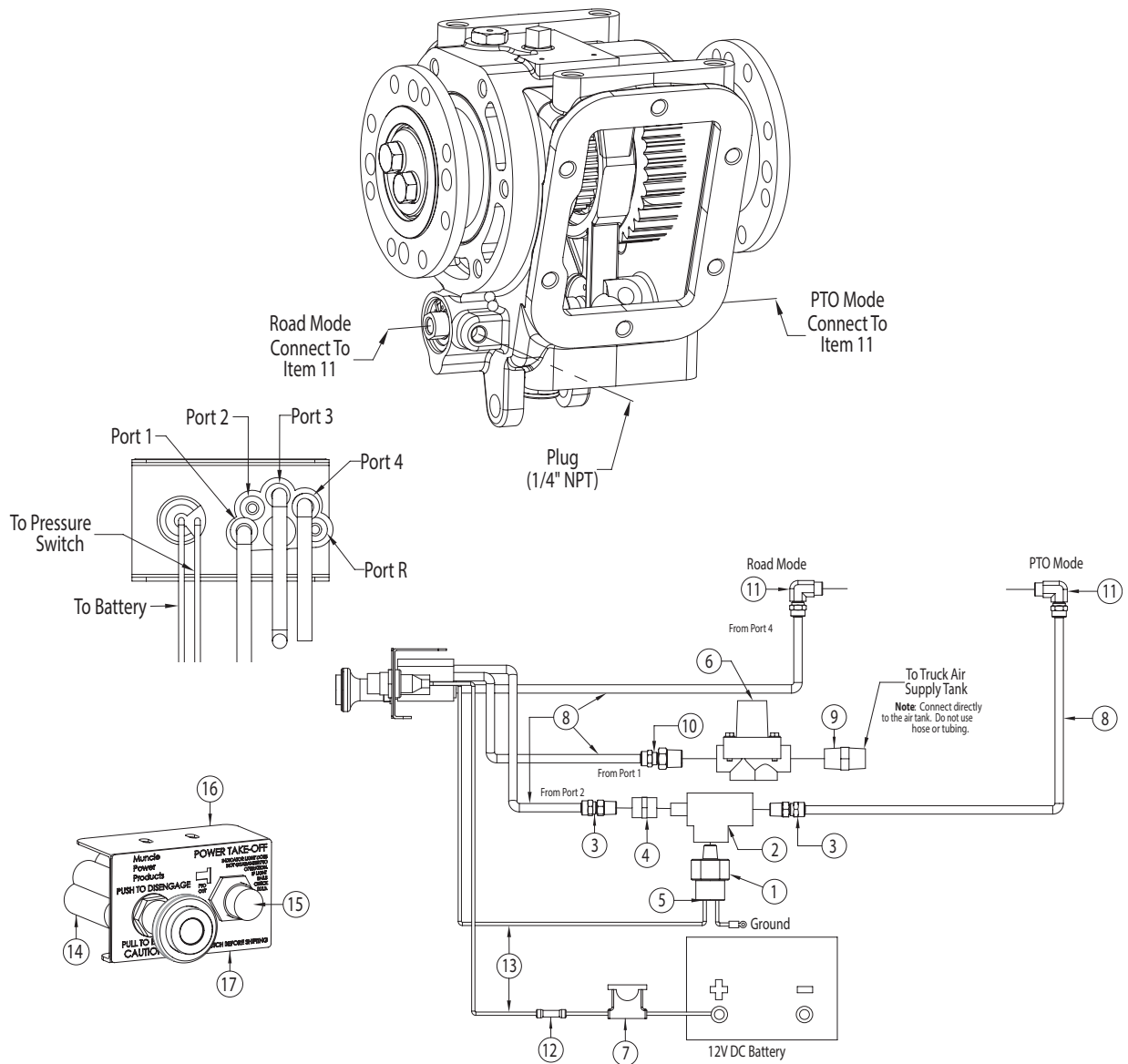
SS88

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

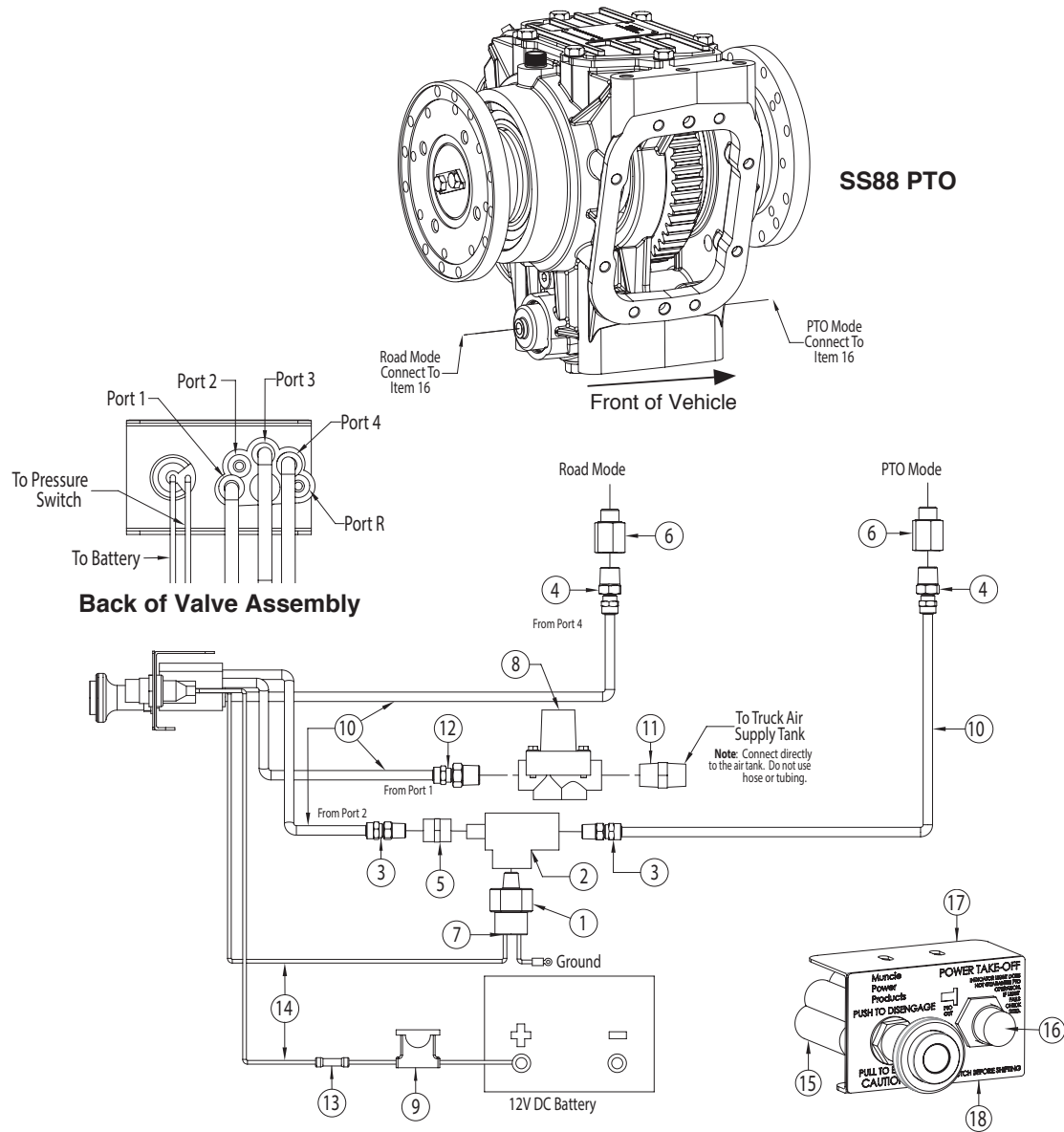


ITEM	QTY	PART NO.	DESCRIPTION
Activation Kit 48TK4985			
1	1	30T37954	Pressure Switch
2	1	44MB2252	1/8" NPT Street Tee
3	2	44MB6842	1/8" NPT Fitting
4	1	44T35791	Fitting
5	1	34T36941	Pig Tail
Activation Kit 48M61261A (Included in 48TK4985)			
6	1	31M15759	Pressure Protection Valve
7	1	33T36299	Fuse Assembly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

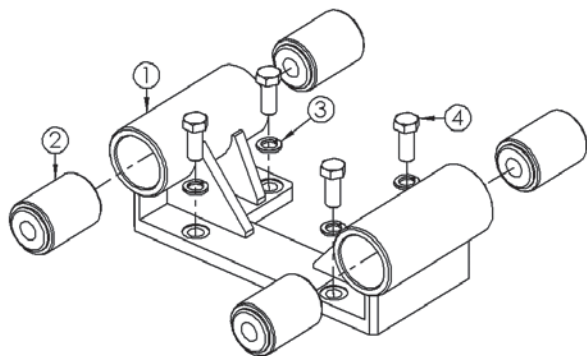


ITEM	QTY	PART NO.	DESCRIPTION
1	1	33T36299	Fuse Assembly
2	12 ft.	37M18000	18 Ga. Red Wire
3	6	34T36362	Crimp Connector
4	3	34M18250	Female Spade Connector (¼")
5	1	44MB2164	¼" NPT Nipple
6	1	31M15759	Pressure Protection Valve
7	3	34M18009	Ring Terminal
8	1	34T36941	Harness Pigtail
9	1	30T37954	Pressure 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	¼" NPT Street Tee
14	2	35M30692	12v Solenoid NC
15	1	44T40394	¼" Tee Fitting
16	2	44T38628	12mm x ¼" 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 (⅜ ₁₆ "
22	N.S.	36MK1007	Bolt Kit

SS66/SS88 KITS

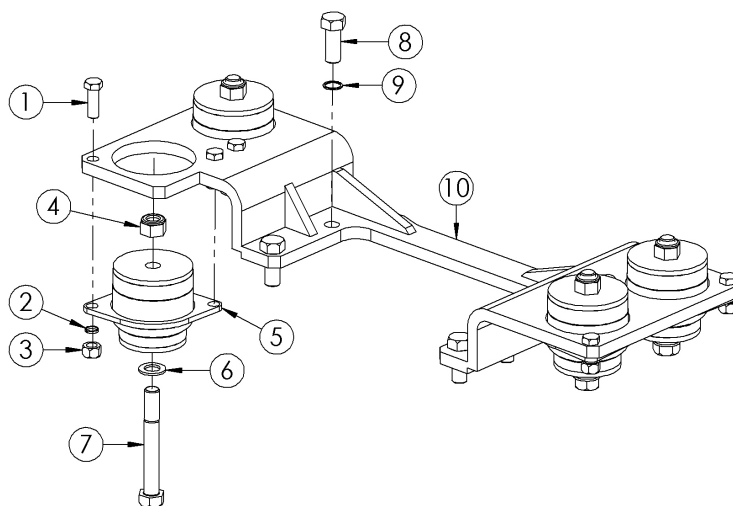
SS66 Support Bracket – 2991970000



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

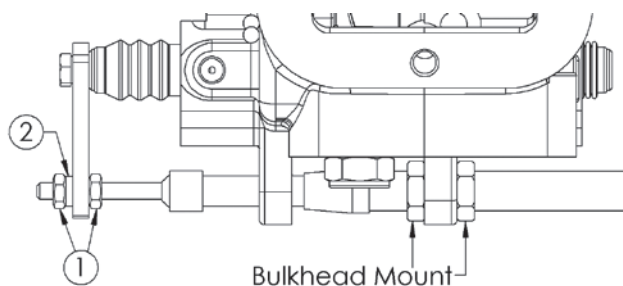
SS88 Support Bracket – 299K2870000

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

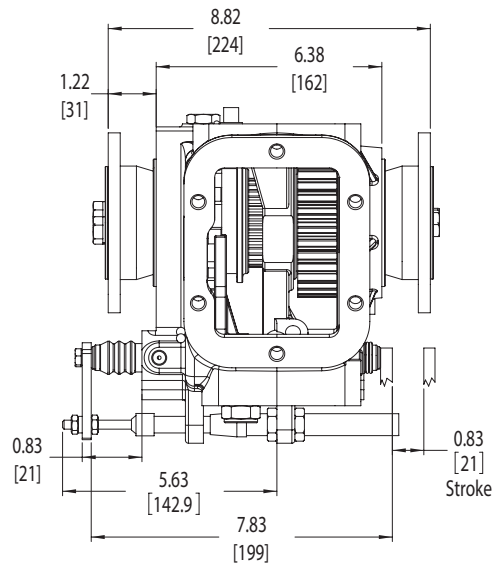
ITEM	QTY	PART NO.	DESCRIPTION
1	2	22MX1032	Jam Nut
2	1	21M11100	Lockwasher



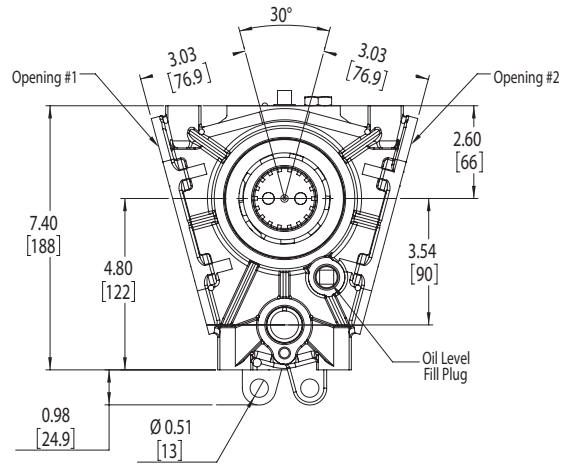
Cable Control sold separately
 Cable Shown: 55 Series with a 2" travel and a bulkhead mount
 Cable Number: KB55-BM-2-XXX (XXX –Length in inches)

DIMENSIONAL INFORMATION

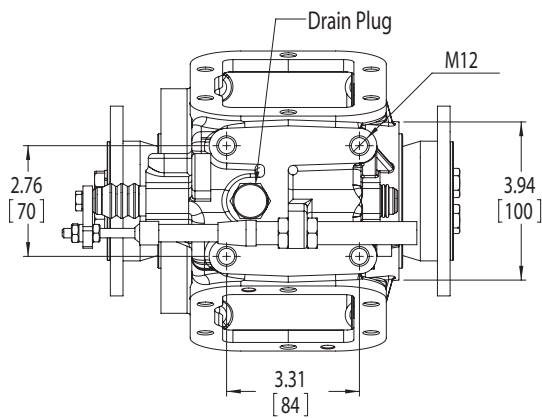
SS66 PTO



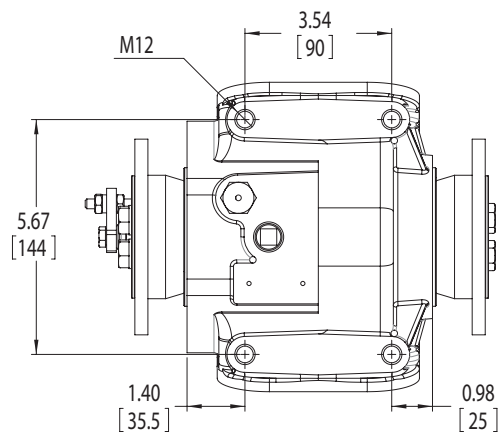
Side View



Front View



Bottom View

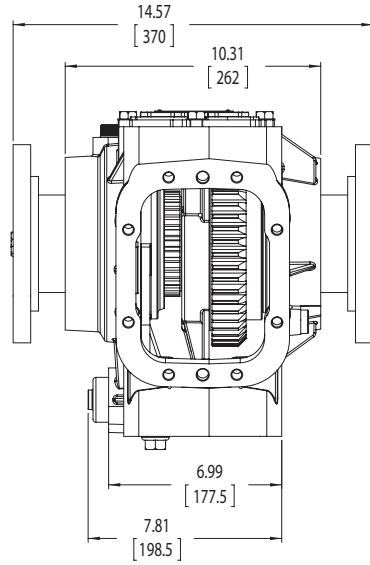


Top View

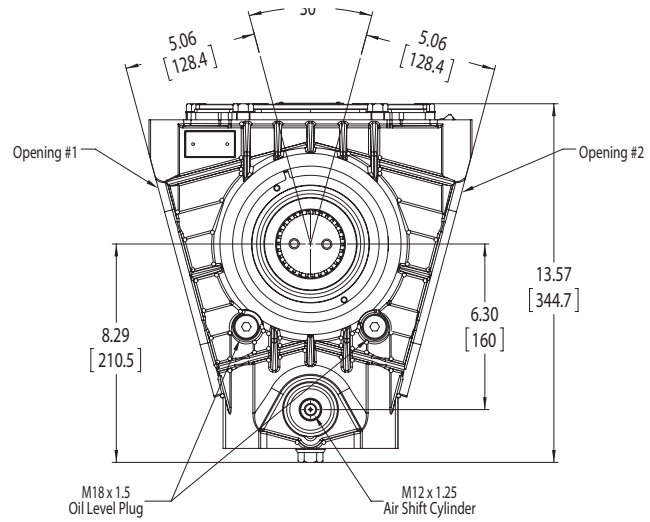
Front of Vehicle
→

DIMENSIONAL INFORMATION

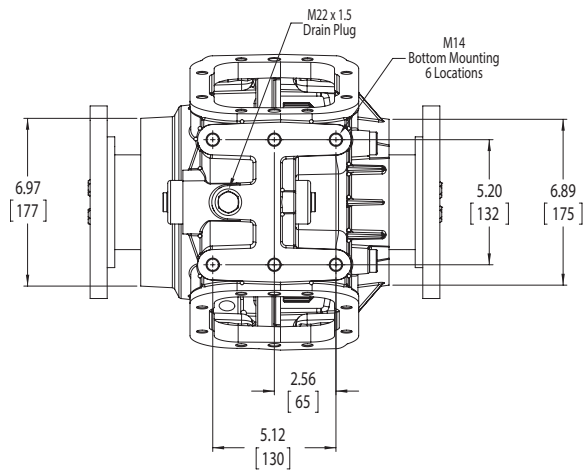
SS88 PTO



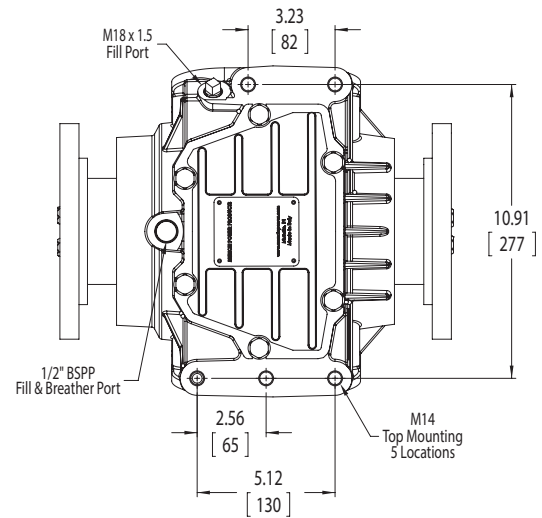
Side View



Front View



Bottom View



Top View

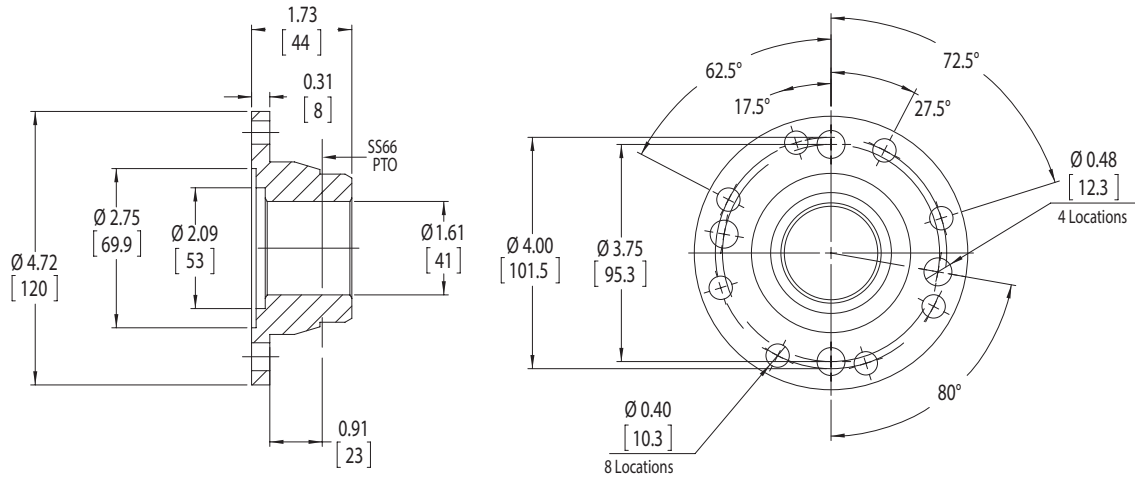
Front of Vehicle



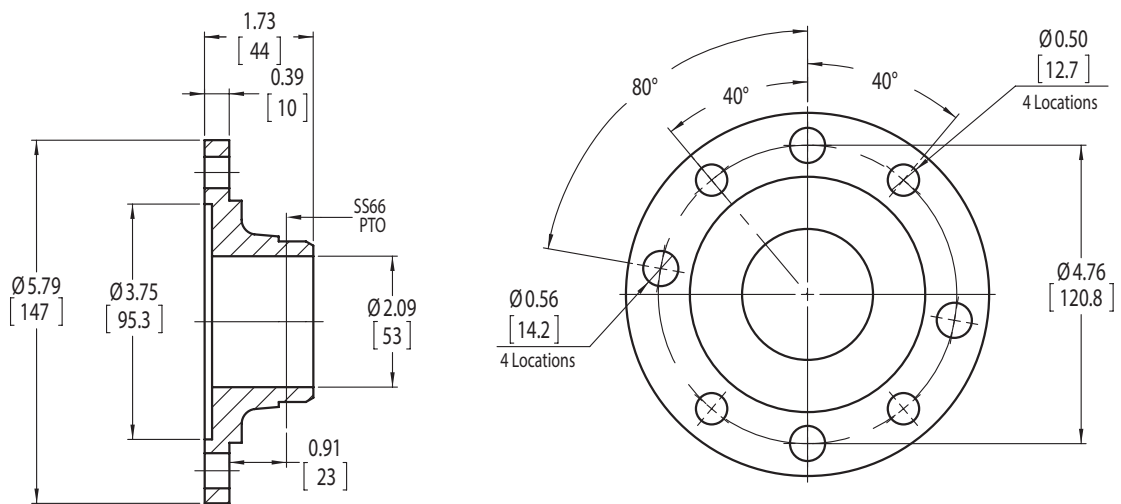
MAIN SHAFT FLANGES

SS66 PTO

1410/DIN 20 Flange

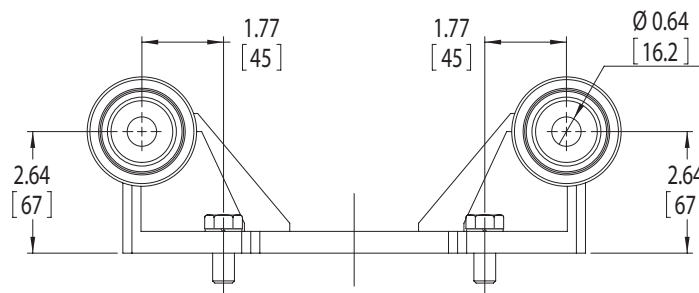


1480/1550 Flange

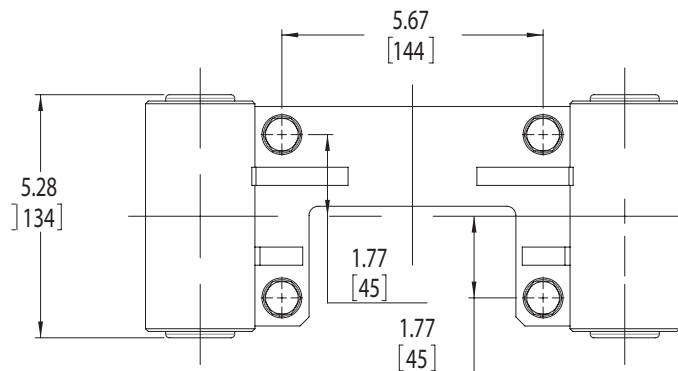


SS66 SUPPORT BRACKET KIT – 2991970000*

Front View

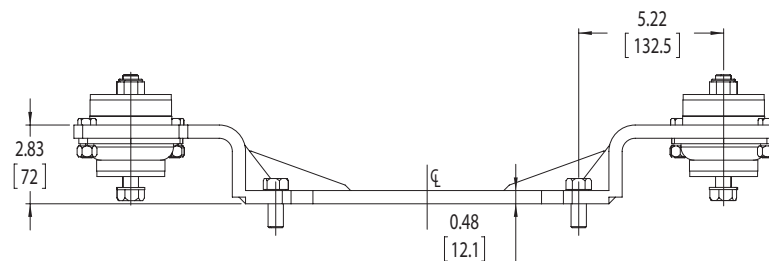


Top View

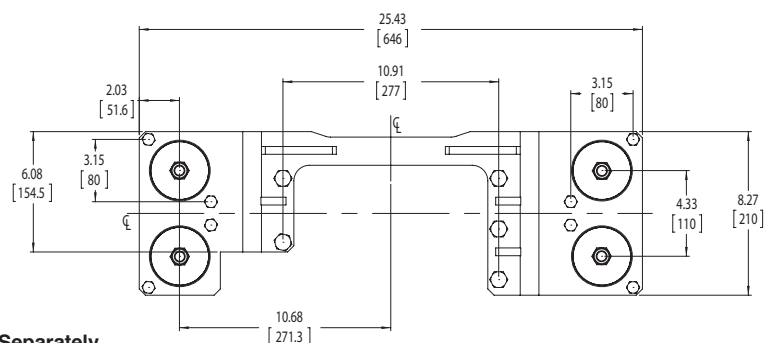


SS88 SUPPORT BRACKET KIT – 299K2870000*

Front View



Top View



*Kit Sold Separately



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SP17-02 (Rev. 02-19)

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