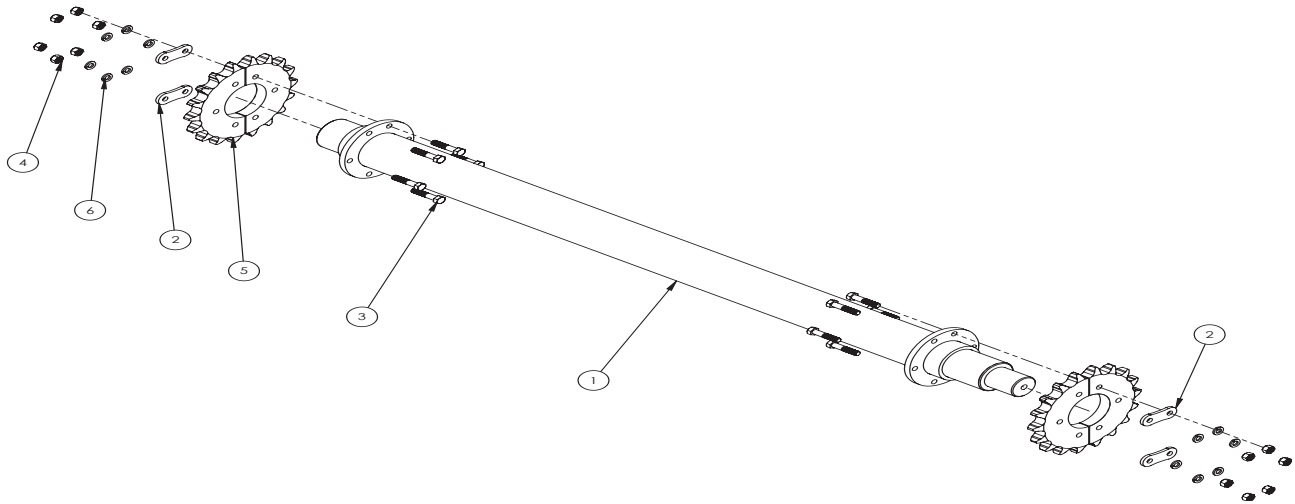


PART LIST SECTION INDEX

Contact and Ordering Information	P-2
Conveyor Shaft	P-3
Axle and Groomer group.....	P-4 and P-5
Conveyor and Flight group.....	P-6 and P-7
Screen group.....	P-8 and P-9
Pivot Frame and Front Axle group.....	P-10 and P-11
Cab and Hood group.....	P-12 and P-13
Boom and Hopper group.....	P-14 and P-15
Engine and Pump group.....	P-16 and P-17
Fuel Line group.....	P-18
Oil Reservoir group	P-19
Reservoir, Valve, Air Cleaner group.....	P-20 and P-21
Cab Assembly group.....	P-22 and P-23
Left Door Assembly.....	P-24 and P-25
Right Door Assembly.....	P-26 and P-27
Left and Right Window Assembly.....	P-28 and P-29
Control and Electrical group.....	P-30 thru P-33
Master Electrical Panel.....	P-34 and P-35
Seat Assembly group.....	P-36 and P-37
Air Conditioner group.....	P-38 thru P-43
Camera, horn & radio group.....	P-44 and P-45
Conveyor/ Vibratory hydraulic group.....	P-46 and P-47
High Lift hydraulic group.....	P-48 and P-49
Case Drain, Cooler and Filter hydraulic group.....	P-50 and P-51
Depth Control and Groomer hydraulic group.....	P-52 and P-53
Hydrostatic Propel hydraulic group.....	P-54 and P-55
Charge Brake and Case Drain hydraulic group.....	P-56 and P-57
Suction, Case Drain and Engine Drain hydraulic group.....	P-58 and P-59
Auxillary Pump /Steering hydraulic group.....	P-60 and P-61
Hazard Light Package group.....	P-62 and P-63
Hazard/Brake light Wiring Schematic.....	P-64
Hazard Light Switch Schematic.....	P-65

CONVEYOR REAR SHAFT SCHEMATICS

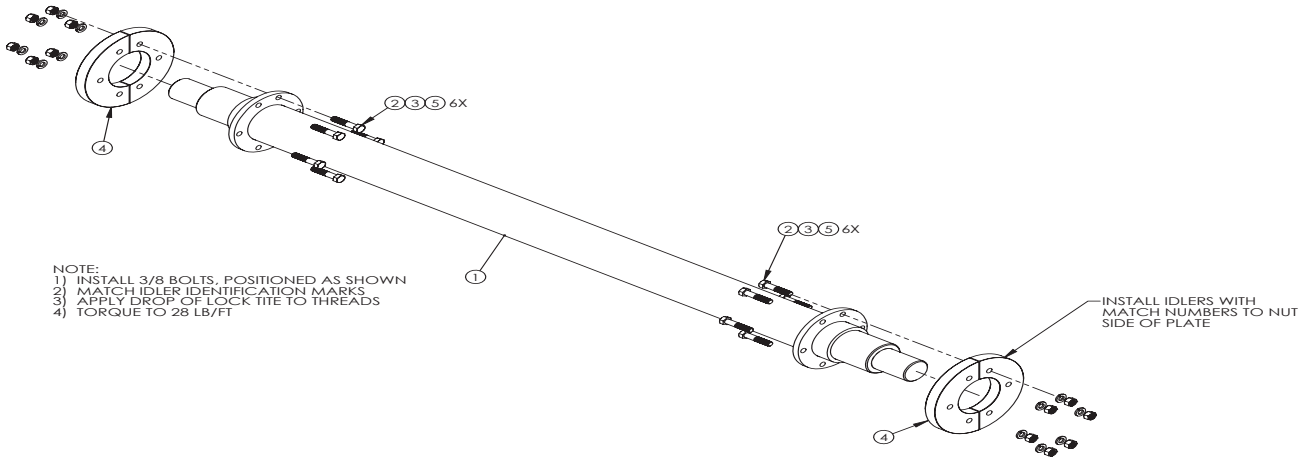


REAR SHAFT

ITEM	ASSY/QTY.	PART NUMBER	DESCRIPTION
1	1	550472	WLDT: SHAFT REAR SPLIT MT
2	4	CP0055	PALTE: SPLIT SPKT TIE
3	12	P100607	BOLT: HEX 3/8-16 X 1-3/4"
4	12	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
5	2	P691218	SPROCKET; #100A18 SPLIT
6	12	P851106	WASHER: LOCK 3/8" ZP

71.550474 COMPLETE REAR SHAFT ASSEMBLY CONTAINS ITEMS #1 - #5

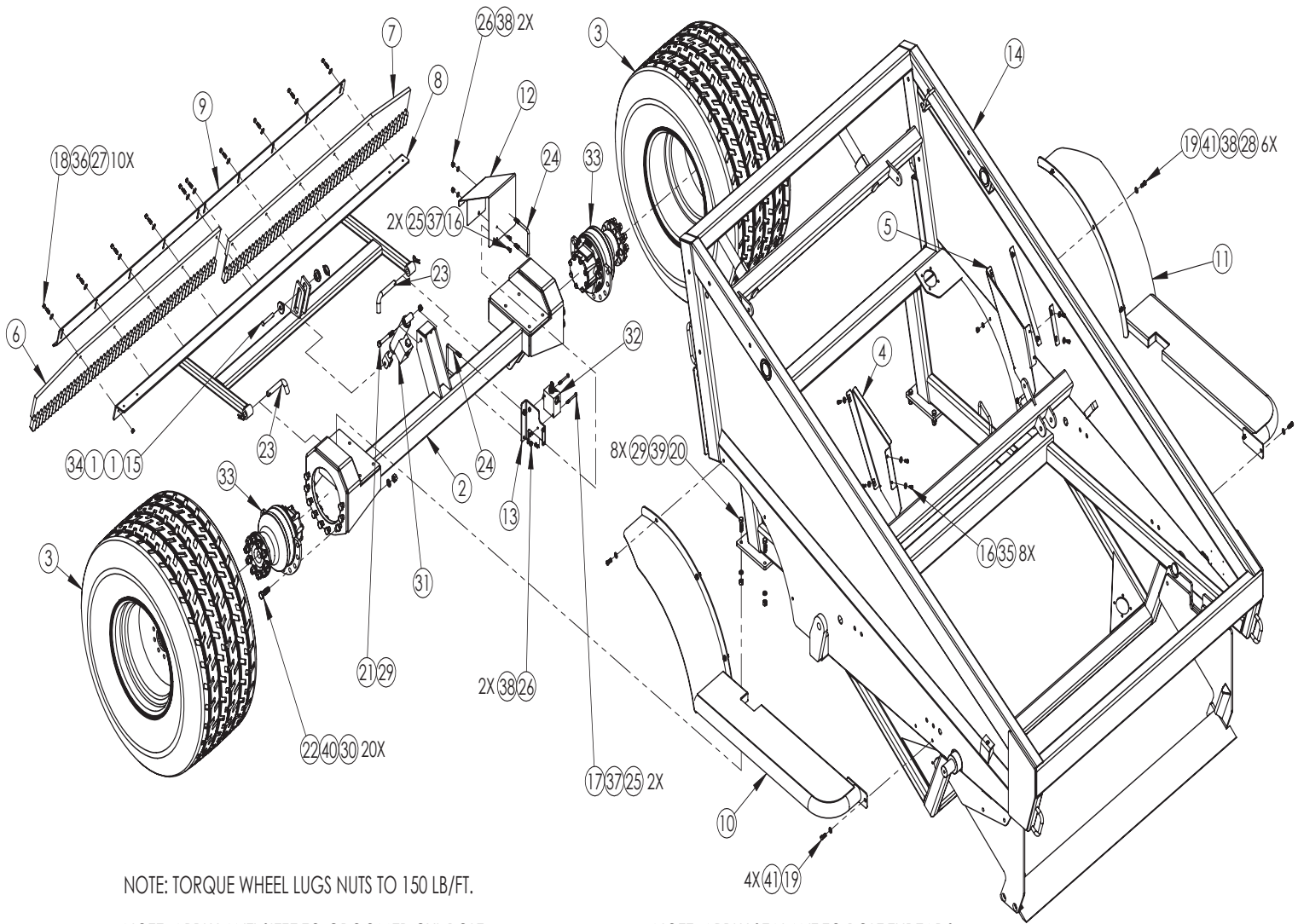
CONVEYOR FRONT SHAFT SCHEMATICS



FRONT SHAFT

ITEM	ASSY/QTY.	PART NUMBER	DESCRIPTION
1	1	550473	WLDT: SHAFT FRONT SPLIT MT
2	12	P100607	BOLT: HEX 3/8-16 X 1-3/4"
3	12	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
4	2	P693000	PLATE: CHAIN IDLER 100-18
5	12	P851106	WASHER: LOCK 3/8" ZP

71.550441 COMPLETE FRONT SHAFT ASSEMBLY CONTAINS ITEMS #1 - #5



NOTE: TORQUE WHEEL LUGS NUTS TO 150 LB/FT.

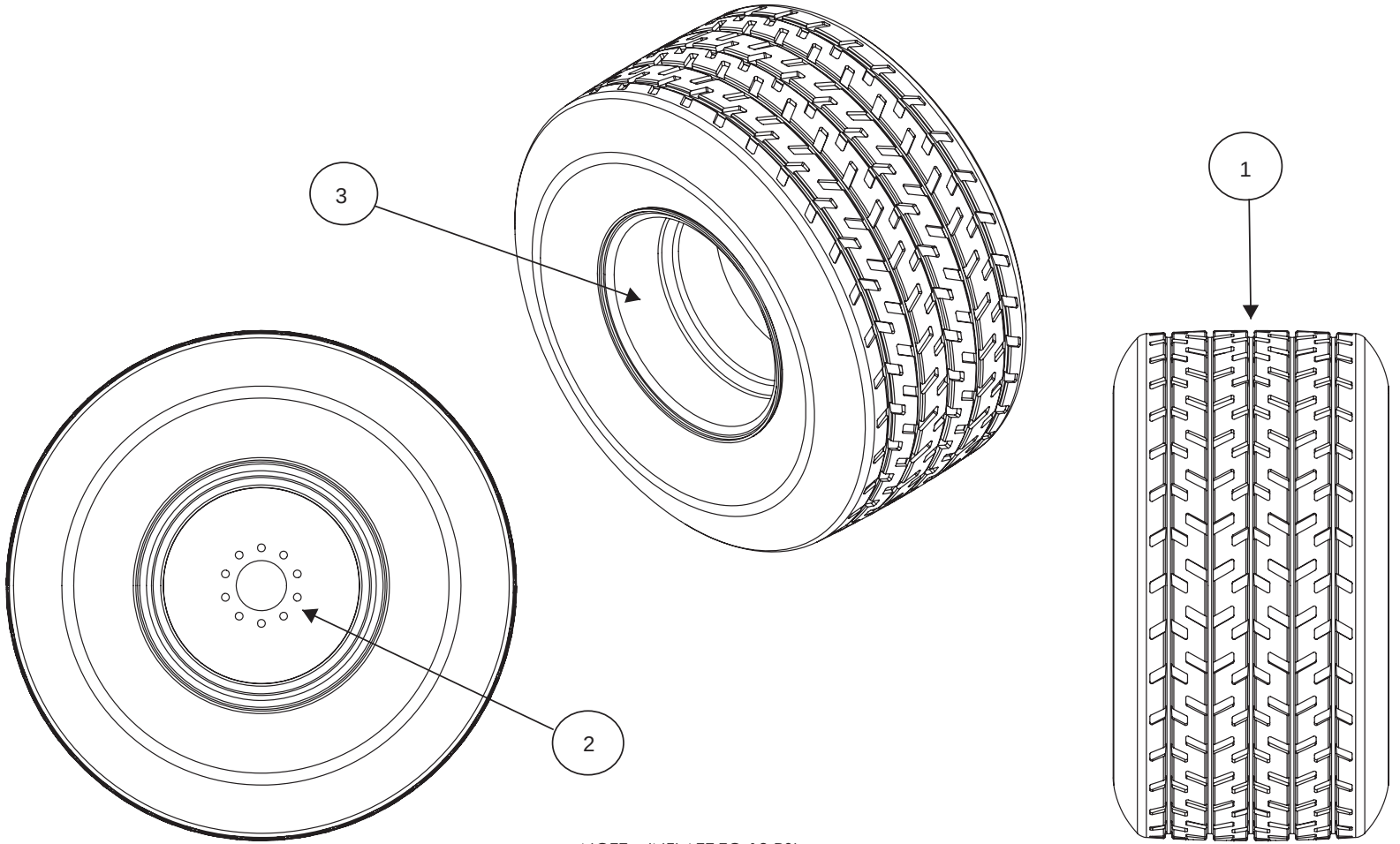
NOTE: APPLY ANTI-SIEZE TO GROOMER CYL BOLT.

NOTE: APPLY SEALANT TO BOLT THREADS
GOING INTO TAPPED FRAME TUBES

AXLE AND GROOMER LEGEND

<u>ITEM</u>	<u>BASE QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	450183	BUSHING, GROOMER TENSION
2	1	550003	WLD: REAR AXLE 5500
3	2	550008	ASSY, TIRE AND WHEEL
4	1	550021	WLDT: HOSE GUIDE RH
5	1	550022	WLDT: HOSE GUIDE LH
6	1	550124	COMB, RIGHT 5500
7	1	550125	COMB, LEFT 5500
8	1	550150	WLD: GROOMER BAR
9	1	550152	GROOMER BACKING BAR
10	1	550179	WLDT: FENDER RH
11	1	550180	WLDT: FENDER LH
12	1	550453	SHIELD: SHUTTLE VALVE 5500
13	1	550454	MT: SHUTTLE VALVE 5500
14	1	550550	MAIN FRAME: 5500
15	1	CP0013	PIN, CLEVIS MOD 1/2 X 3
16	10	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
17	2	P100411	BOLT: HEX, 1/4"NC X 2 3/4" GR5 ZN
18	10	P100506	BOLT: HEX, 5/16" NCX 1 1/2"GR5
19	10	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
20	8	P100807	BOLT: HEX 1/2-13 X 1-3/4"
21	1	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
22	20	P101008	BOLT: HEX, 5/8-11 NC X 2
23	2	P121200	BENT HITCH PIN 3/4" X 3-1/2"
24	2	P127316	U-BOLT, 3/8 X 4 X 3.88
25	4	P150400	NUT: HEX, 1/4" PLATED
26	4	P150600	NUT: HEX 3/8-16
27	10	P155350	NUT: HEX, 5/16 TOP-LOCK
28	6	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
29	9	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
30	20	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
31	1	P259160	CYLINDER: 1-1/2B X 4S W/CAV CH
32	1	P294045	VALVE: HOT OIL SHUTTLE SUNSOURCE
33	2	P355410	MOTOR, WHEEL MS05 REAR
34	1	P622604	PIN, LYNCH 3/16 X 1-1/4
35	8	P850104	WASHER: FLAT 1/4" ZP
36	10	P850105	WASHER: FLAT 5/16" ZP
37	4	P851104	WASHER: LOCK 1/4"
38	10	P851106	WASHER: LOCK 3/8" ZP
39	8	P851108	WASHER: LOCK 1/2" ZP
40	20	P851110	WASHER: LOCK 5/8"
41	10	P851606	WASHER: FLAT 3/8" HEAVY

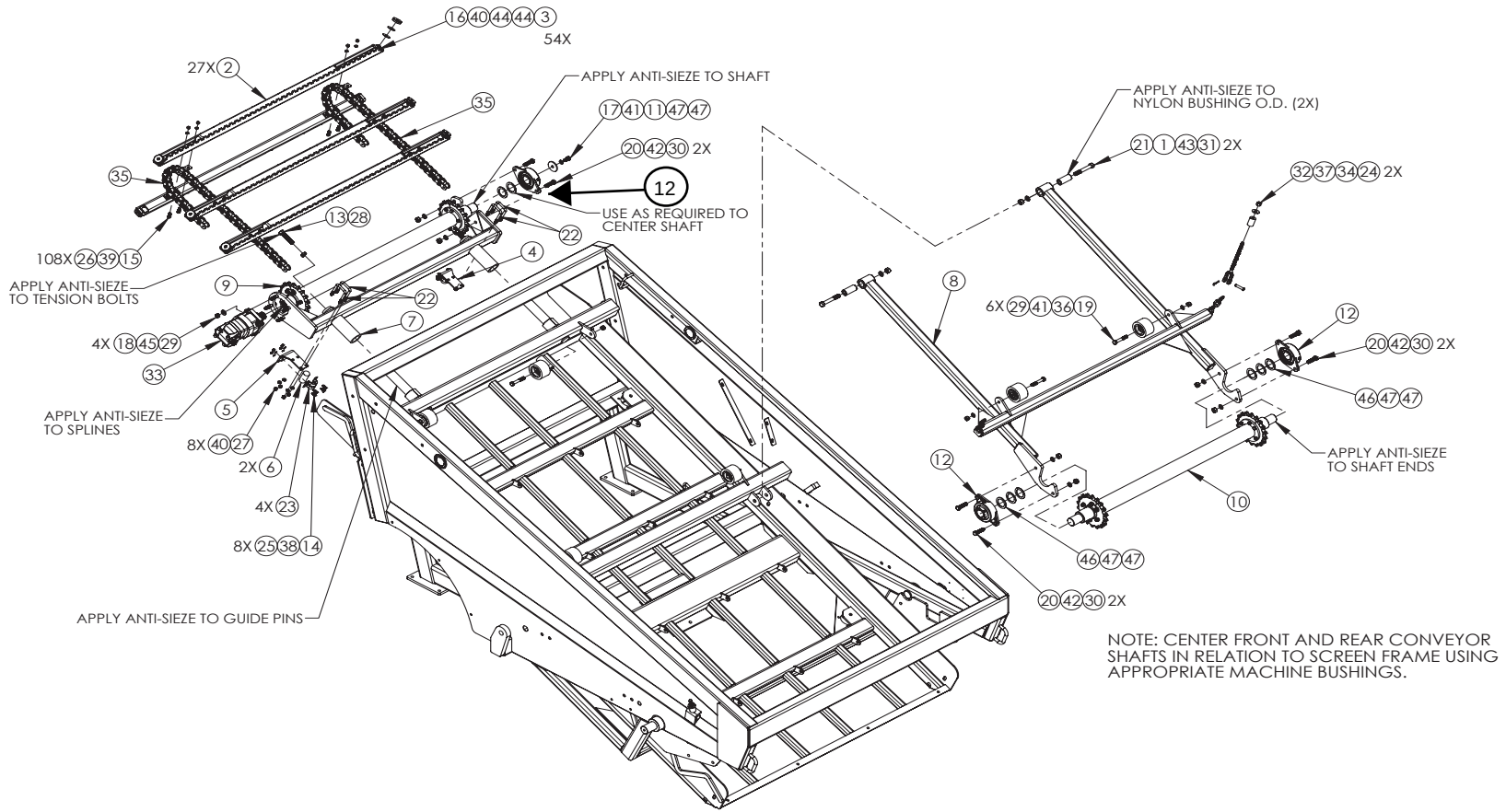
PART NO.
550008



NOTE: INFLATE TO 12 PSI
RIM HAS 1 1/2 INCH OFFSET
TIRE, 37.20" DIA, 19.68" WIDE

3	1	P765502	TUBE: INNER
2	1	550002	RIM: MS05 17 X 16W
1	1	P765500	TIRE: 500/50-17 AW708
ITEM	QTY.	PART NUMBER	DESCRIPTION

			UNLESS OTHERWISE NOTED		
DRAWN BY			TOLERANCES ON		
DATE			DECIMALS	FRACTIONS	ANGLES
PAGE			.XX±.060	±1/32	±1°
TITLE	TIRE AND WHEEL ASSY, 5500		PART NO.	550008	Pur/Mfg
					X

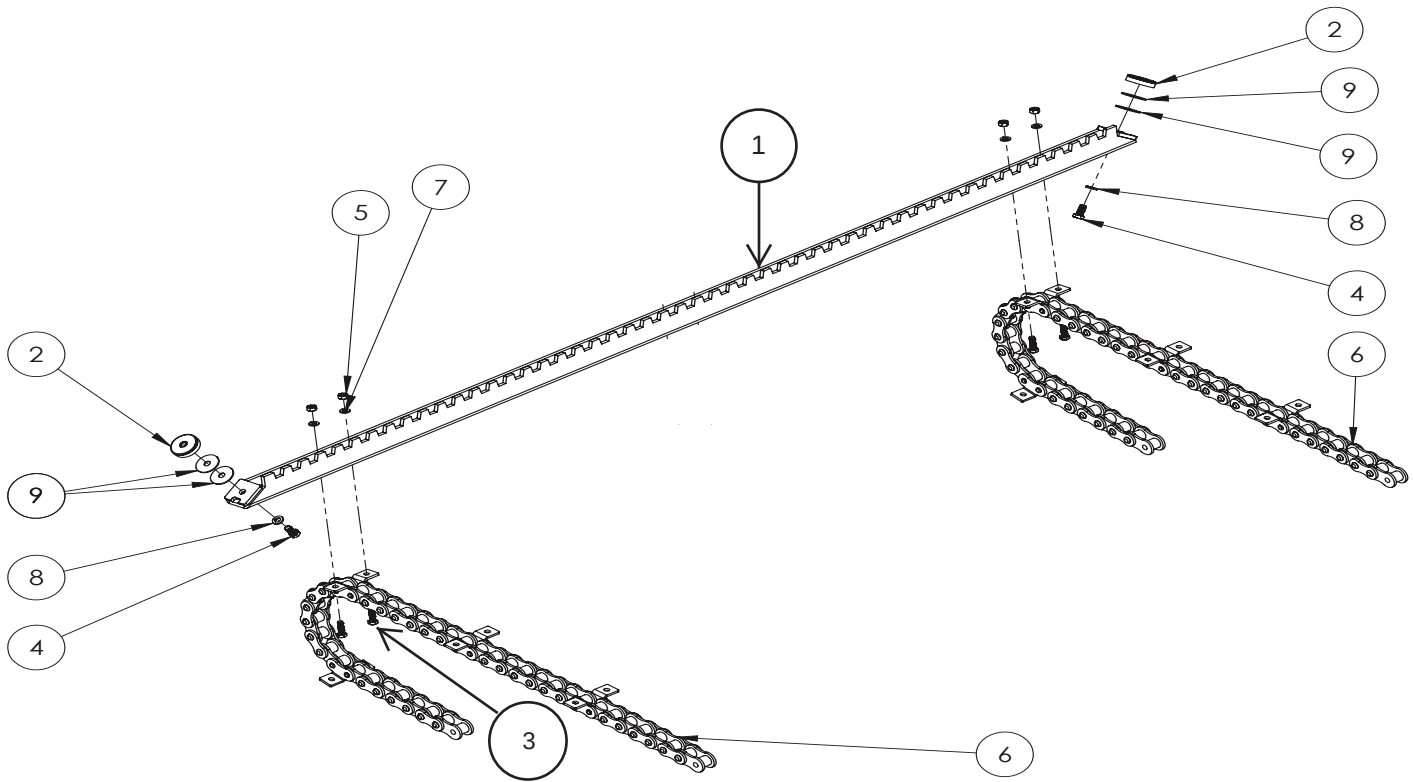


CONVEYOR AND FLIGHT LEGEND

ITEM	CONV/QTY.	PART NUMBER	DESCRIPTION
1	2	450098	BUSHING, NYL 1.25 X .625 X 2.688
2	27	450352	WLDT: FLIGHT 45, 5500, 2.12
3	54	470130	FLIGHT PUCK
4	1	500497	WLDT: ROCK KNOCKER LH
5	1	500498	WLDT: ROCK KNOCKER RH
6	2	500499	ROD; ROCK KNOCKER
7	1	550291	MT, REAR SHAFT
8	1	550292	CONVEYOR SUPPORT 4500/5500
9	1	550474	ASSY; SHAFT, REAR CONV SPLIT
10	1	550475	ASSY; SHAFT, FRONT CONV SPLIT
11	1	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
12	3	P004175	BEARING: 1-3/4 FLANGE 2 BOLT
13	2	P099014	BOLT: HEX 5/8-11 X 3-1/2 FULL THD
14	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
16	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
17	1	P100804	BOLT: HEX 1/2"-13 X 1"
18	4	P100809	BOLT: HEX 1/2-13 X 2-1/4"
19	6	P100812	BOLT: HEX, 1/2" X 3"GR.5
20	6	P100908	BOLT: HEX, 9/16-12 NC X 2
21	2	P101017	BOLT, HEX 5/8-11 X 4-1/4
22	4	P127214	U-BOLT, 3/8 X 2 X 3.75
23	4	P128905	CLAMP, U STRAP 1.31
24	2	P135190	JAW END: 1/2-13 X 9
25	8	P155250	NUT: HEX, 1/4" TOP-LOCK
26	108	P155350	NUT: HEX, 5/16 TOP-LOCK
27	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
28	2	P155800	5/8-11 HEX JAM NUT
29	10	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
30	6	P155900	NUT: HEX, 9/16"-12 TOP-LOCK
31	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
32	2	P158005	1/2-13 NYLOCK NUT
33 *	1	P353600	MOTOR: 4000 COMPACT 169-0133-001 *USES SEAL KIT 71.P353610
34	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
35	2	P632140	CHAIN: 100K1 x 219 P UPDATED KGF P/N 6.999.028.000.0
36	6	P761100	SNUGULATOR 2500BD1X
37	2	P850108	WASHER: FLAT 1/2" ZP
38	8	P851104	WASHER: LOCK 1/4"
39	108	P851105	WASHER: LOCK 5/16"
40	62	P851106	WASHER: LOCK 3/8" ZP
41	7	P851108	WASHER: LOCK 1/2" ZP
42	6	P851109	WASHER: LOCK 9/16"
43	2	P851110	WASHER: LOCK 5/8"
44	108	P852015	WASHER: FLAT 3/8" FENDER
45	4	P852608	1/2" HARD WASHER
46	2	P855128	10 GA. X 1-3/4" MACHINE BUSHING
47	6	P855525	BUSHING: MACH 18GA X 1-3/4
48	4	P852608	1/2" HARD WASHER
49	2	P855128	10 GA. X 1-3/4" MACHINE BUSHING
50	6	P855525	BUSHING: MACH 18GA X 1-3/4

CHAIN REPAIR ITEMS:
71.P632143 #100 K1 ATTACHMENT LINK
71.P632142 MASTER CONNECTING LINK
71.P632141 1/2 LINK (OFFSET)

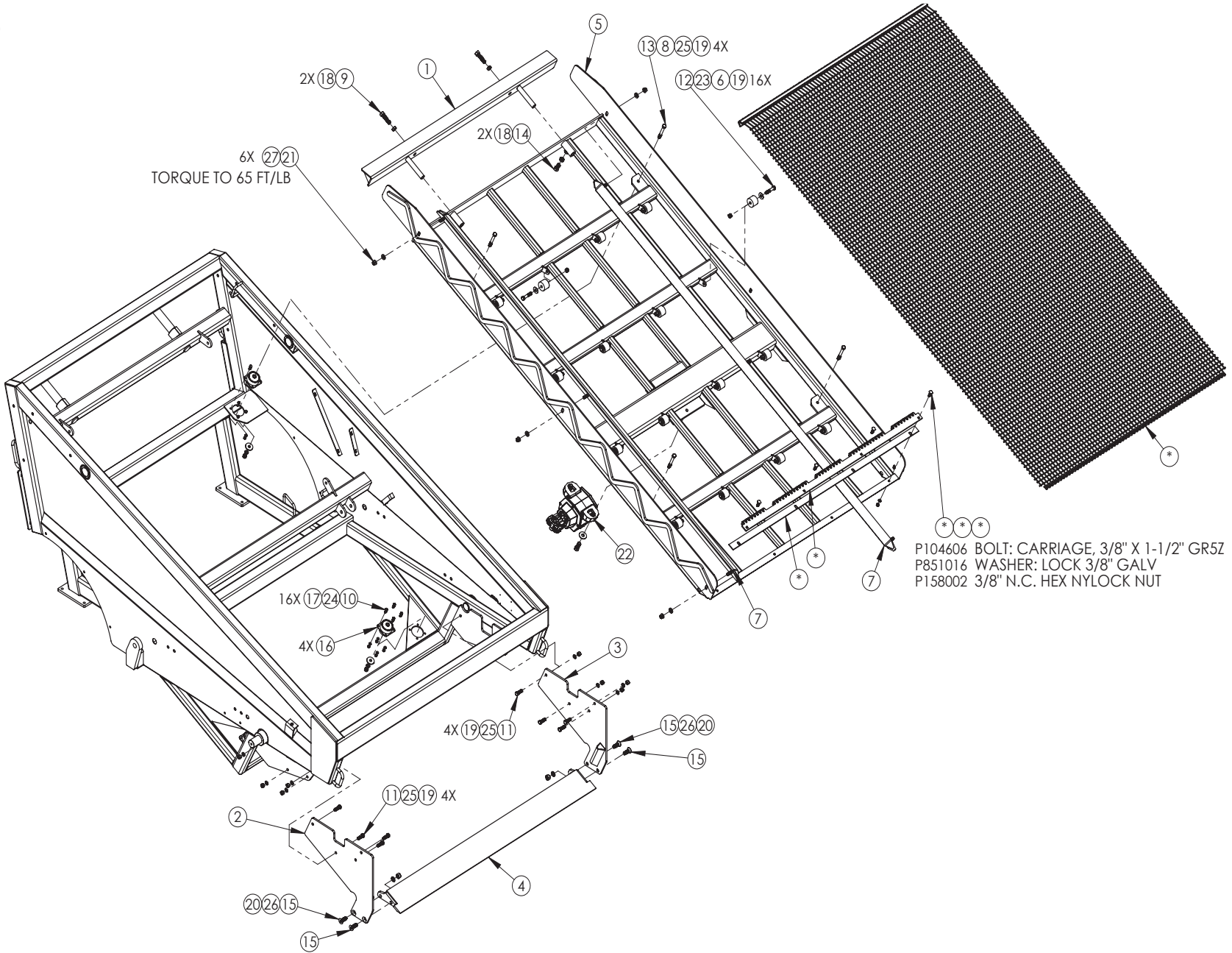
CHAIN AND FLIGHT SCHEMATIC



ITEM	QTY	PART NO	DESCRIPTION
1	27	450352	WLDT: FLIGHT BLADE 4500/5500, 2.12
2	54	470130	FLIGHT PUCK
3	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	108	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632140	CHAIN: 100K1 x 219 P ARMOR
6A	REF	P632143	LINK: KI CONNECTOR
7	108	P851105	WASHER: LOCK 5/16"
8	54	P851106	WASHER: LOCK 3/8" ZP
9	108	P852015	WASHER: FLAT 3/8" FENDER

CHAIN REPAIR ITEMS:

71.P632143 #100 K1 ATTACHMENT LINK
 71.P632142 MASTER CONNECTING LINK
 71.P632141 1/2 LINK (OFFSET)



SCREEN LEGEND

<u>ITEM</u>	<u>QTY.#</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	550414	WLD, SCREEN TENSIONER GALV
2	1	550485	WLDT: DIGGER MT RH
3	1	550486	WLDT: DIGGER MT LH
4 *	1	550492	WLDT: DIGGER PT 5500
5	1	550577	WLDT: GALV. SCREEN FRM 5500
6	16	CP0043	RISER: SCREEN- 90 A Duro (Blue)
7	2	CP0057	WLDT; GLIDE RAIL 45,46, 5500
8	4	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
9	2	P099010	BOLT: HEX 5/8-11 X 2 1/2 FULL THD
10	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
11	8	P100806	BOLT: HEX, 1/2" X 1 1/2"GR.5Z
12	16	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
13	4	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
14	2	P101005	BOLT: HEX 5/8-11 X 1-1/4"
15	4	P110707	BOLT: FSHCS 5/8-11 NC X 1.75
16	4	P133065	ISOLATOR: SQ PLATFORM 283P310
17	16	P155350	NUT: HEX, 5/16 TOP-LOCK
18	4	P155800	5/8-11 HEX JAM NUT
19	28	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
20	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
21	6	P158005	1/2-13 NYLOCK NUT
22 **	1	P358106	VIBRATOR, HYD HA4-3300#6
23	16	P850108	WASHER: FLAT 1/2" ZP
24	16	P851105	WASHER: LOCK 5/16"
25	12	P851108	WASHER: LOCK 1/2" ZP
26	2	P851110	WASHER: LOCK 5/8"
27	6	P852608	1/2" HARD WASHER

*Optional slotted digger point P/N: 71.550576

** #22 SHAKER / VIBRATOR ADDITIONAL ITEMS

71.P358105 HYDRAULIC MOTOR SHAFT SEAL

71.P358107 HYDRAULIC MOTOR

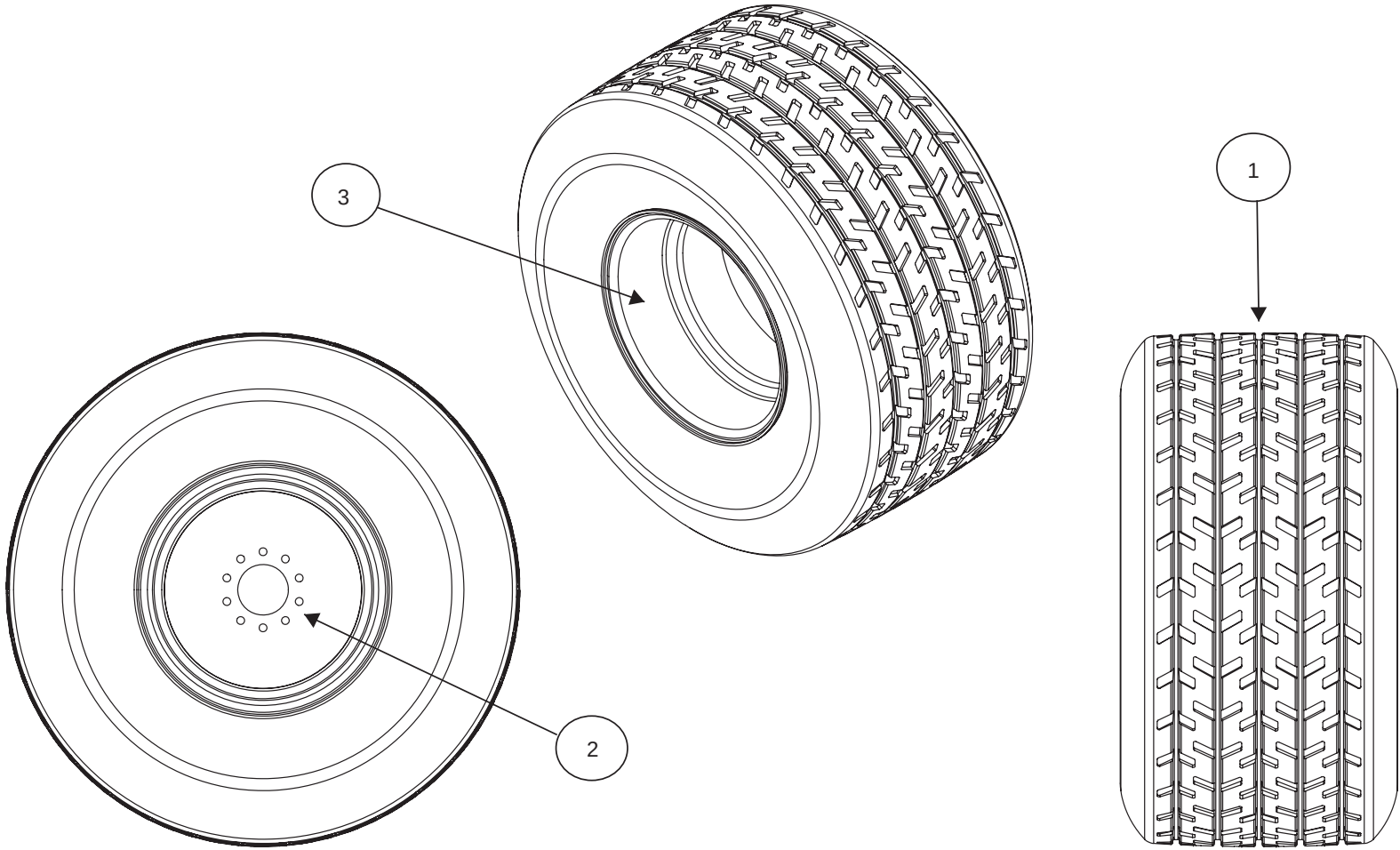
71.P358108 DRIVE COUPLING ASSEMBLY



PIVOT FRAME, FRONT AXLE LEGEND

<u>ITEM</u>	<u>QTY. #</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	001780A	BRAKE RELEASE BAR: POC
2	4	480069	SPACER, 1/4 X 1/2 ID X 3 OD
3	1	550008	ASSY, TIRE AND WHEEL
4	2	550067	WLDT: STEP LADDER
5	2	550114	SLEEVE: 2.00 X 1.25 X 2.50
6	4	550115	SLEEVE: 2.25 X 1.75 X 2.56
7	1	550192	PANEL: MAT RETAINER RH
8	1	550193	PANEL: CAB ACCESS
9	1	550252	ASSY; VIEWING PANEL
10	1	550253	MAT: FLOOR RH
11	1	550375	WLDT: PIVOT FRAME
12	1	550383	WLDT: 5500 FORK
13	1	550384	PANEL: MAT RETAINER LH
14	1	550386	MAT: FLOOR LH
15	13	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
16	5	P100404	BOLT: HEX, 1/4"NC X 1"GR5
17	8	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
18	4	P100804	BOLT: HEX 1/2"-13 X 1"
19	22	P101008	BOLT: HEX, 5/8-11 NC X 2
20	4	P101218	BOLT: HEX 3/4-10 X 4-1/2"
21	2	P102022	BOLT: HEX 1 1/4 -7 NC X 5 1/2"
22	2	P155125	NUT: HEX TOP LOCK 1 1/4-7
23	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
24	4	P157120	NUT: HEX, 3/4"-10 TOP-LOCK
25	10	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
26	1	P259340	CYLINDER: 2B X 14S W/CAVITY
27	1	P259341	CYLINDER: 2 B X 14S W/MTS CAVITY
28	2	P294260	VALVE, COUNTERBALANCE CHECK CBCG-LJN
29	1	P352530	Helac L30-25
30	1	P355415	MOTOR: WHL/BRK, POCLAIN MS05-1-13
31	18	P851104	WASHER: LOCK 1/4"
32	8	P851106	WASHER: LOCK 3/8" ZP
33	4	P851108	WASHER: LOCK 1/2" ZP
34	22	P851110	WASHER: LOCK 5/8"
35	4	P851112	WASHER: LOCK 3/4"

PART NO.
550008



NOTE: INFLATE TO 12 PSI
(FRONT TIRE CONTAINS: 30 GALLONS (114 LTRS OF FLUID))

RIM HAS 1 1/2 INCH OFFSET
TIRE, 37.20" DIA, 19.68 "WIDE

3	1	P765502	TUBE: INNER
2	1	550002	RIM: MS05 17 X 16W
1	1	P765500	TIRE: 500/50-17 AW708
ITEM	QTY.	PART NUMBER	DESCRIPTION

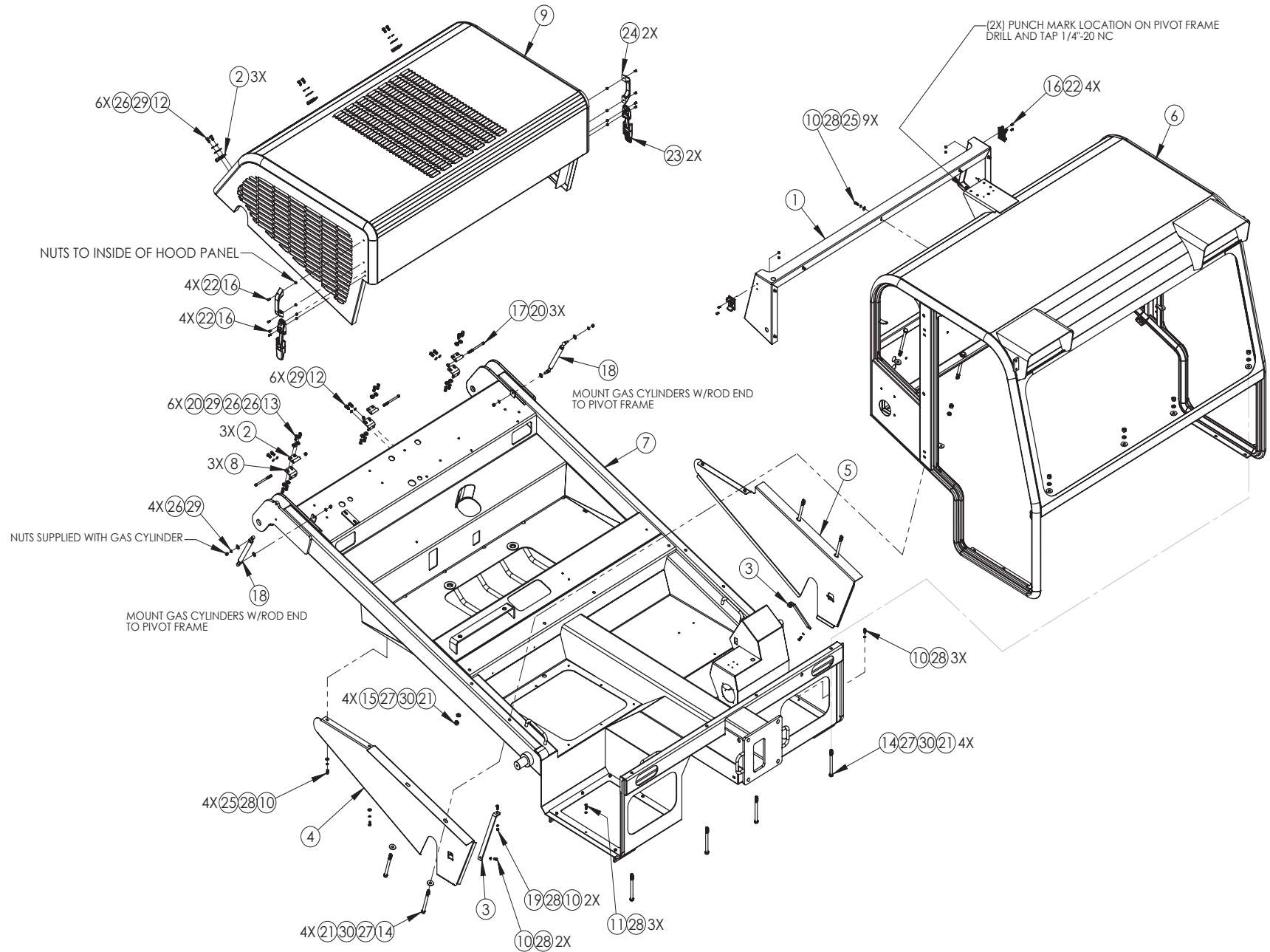
			UNLESS OTHERWISE NOTED		
DRAWN BY			DECIMALS	TOLERANCES ON FRACTIONS	ANGLES
DATE			.XX±.060	± 1/32	± 1°
PAGE			.XXX±.030		
TITLE	TIRE AND WHEEL ASSY, 5500		PART NO.	550008	Pur/Mfg
					X

*NOT SHOWN INNER HOOD FOAM PANELS



P-12

55FBG251



CAB AND HOOD SCHEMATIC

CAB AND HOOD LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	550138	DOGHOUSE RISER
2	6	550205	WLDT: HINGE ENGINE COVER
3	2	550216	BRACE, SIDE SHIELD
4	1	550218	WLD: SIDE SKIRT RH
5	1	550219	WLD: SIDE SKIRT LH
6	1	550360	CAB WLDT: 5500
7	1	550375	WLDT: PIVOT FRAME
8	3	550415	CLIP: HOOD MOUNT
9	1	550590	WLDT: ENGINE COVER
10	20	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
11	3	P100404	BOLT: HEX, 1/4"NC X 1"GR5
12	12	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
13	6	P100504	BOLT: HEX, 5/16" NC X 1" GR5
14	8	P100824	BOLT: HEX 1/2"-13NC X 6 GR5ZP
15	4	P100828	BOLT: HEX 1/2"-13NC X 7 GR5ZP
16	12	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
17	3	P110518	BOLT: SHCS, 5/16 NC X 4 1/2"
18	2	P133092	GAS SPRING ASM A3
19	2	P155250	NUT: HEX, 1/4" TOP-LOCK
20	9	P155350	NUT: HEX, 5/16 TOP-LOCK
21	12	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
22	12	P158010	NUT: HEX, #10-32 NYLOCK SS
23	2	P310050	LATCH ASM: SOUTHCO MODEL 37
24	2	P310055	GRAB HANDLE
25	13	P850104	WASHER: FLAT 1/4" ZP
26	22	P850105	WASHER: FLAT 5/16" ZP
27	12	P850808	WASHER, GR 8 HARD
28	23	P851104	WASHER: LOCK 1/4"
29	22	P851105	WASHER: LOCK 5/16"
30	12	P851108	WASHER: LOCK 1/2" ZP

*NOT SHOWN INNER HOOD FOAM PANELS

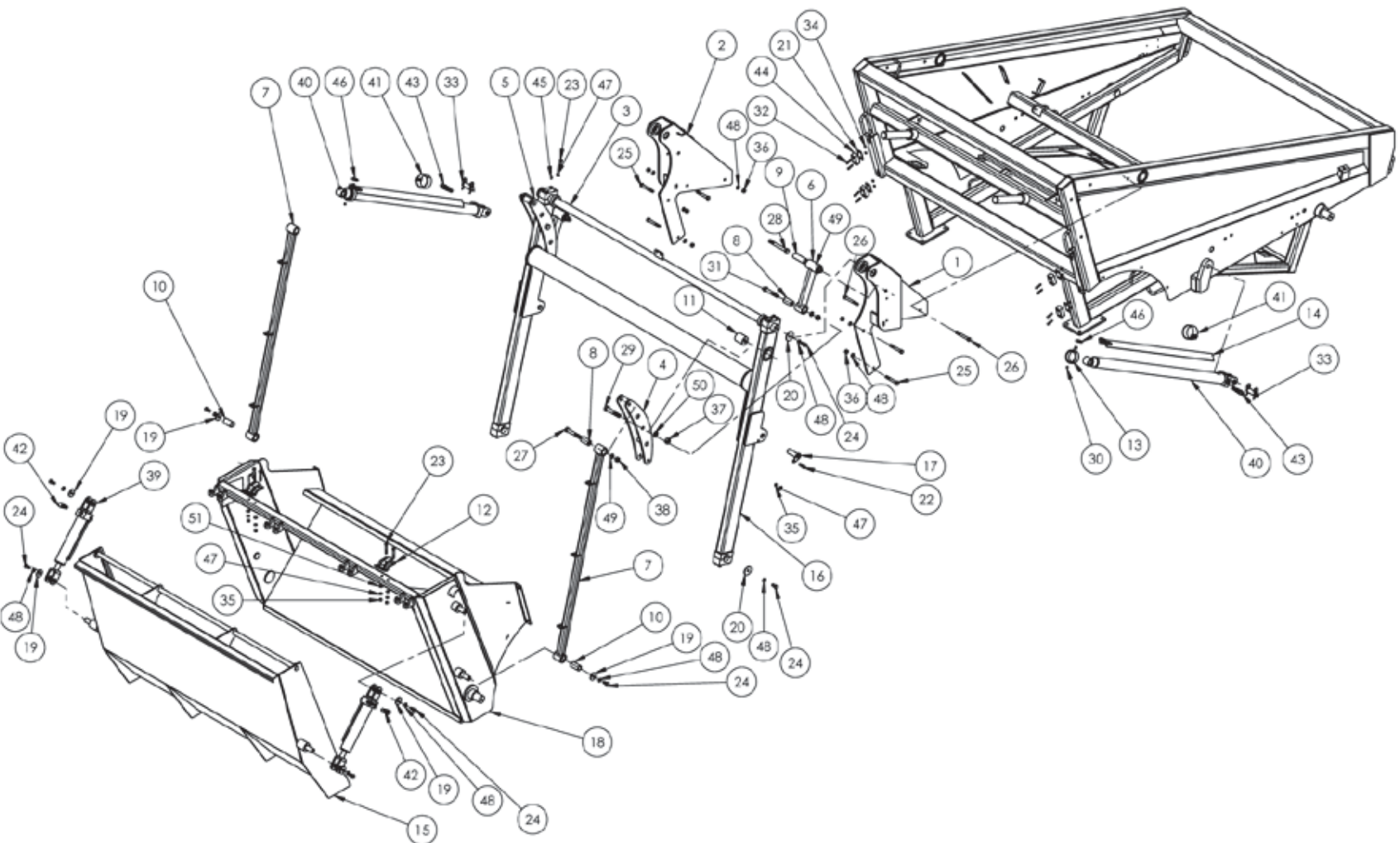
QTY 1 71.550416 FRONT HOOD FOAM

QTY 1 71.550417 REAR HOOD FOAM

QTY 1 71.550418 RIGHT TOP HOOD FOAM

QTY 1 71.550419 LEFT TOP HOOD FOAM

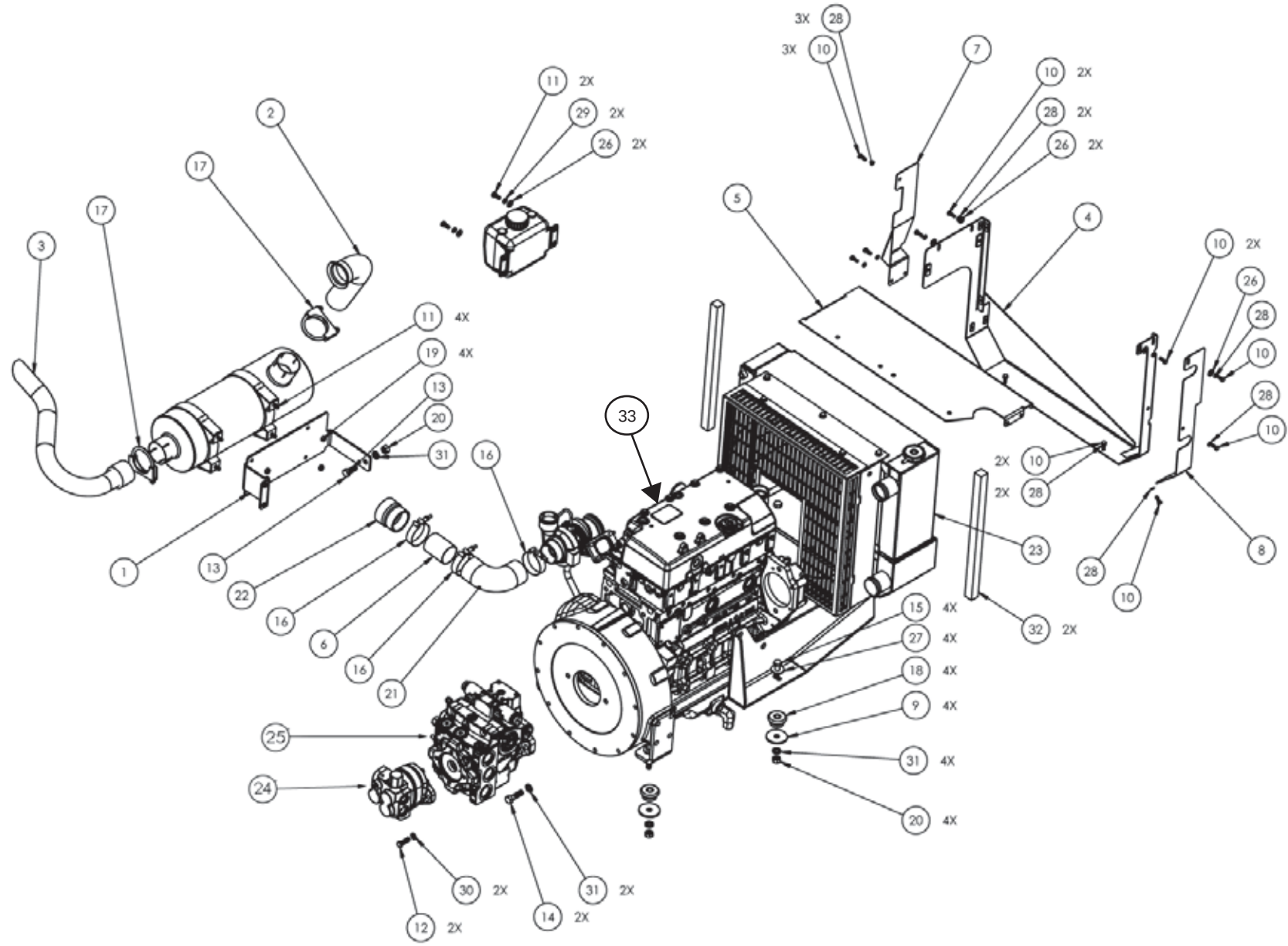
BOOM AND HOPPER SCHEMATIC



BOOM AND HOPPER LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	450114	MT: HIGH LIFT RH
2	1	450115	MT: HIGH LIFT LH
3	1	450116	PIVOT, HIGH LIFT STABILIZER
4	1	450117	SCISSOR ARM WLD RH
5	1	450118	SCISSOR ARM WLD LH
6	2	450120	LINK: SCISSOR ACTION BASE
7	2	450121	LINK: SCISSOR ACTION PARALLEL
8	4	450138	BUSHING: NYL 1.25 X .625 X 2.312
9	2	450139	BUSHING, NYL 1.25 X .625 X 3.5
10	2	450140	BUSHING: NYL 1.25 X 1 X 2.312
11	2	450141	BUSHING: NYL 2 X .75 X 2.312
12	2	450149	HOPPER LOCK, WLD
13	2	450193	RETAINER, PROP BAR
14	2	450194	SAFETY PROP BAR ASM
15	1	450255	HOPPER DOOR WELD 1.50
16	1	450257	BOOM WLD 4500B
17	2	480087	PIN, 1" X 3" LOCK
18	1	550116	WLD: HOPPER BASE 5500
19	6	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
20	4	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
21	4	M30079	SPACER: BUMPER
22	2	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
23	20	P100610	BOLT: HEX 3/8-16 X 2-1/2
24	10	P100804	BOLT: HEX 1/2"-13 X 1"
25	6	P100814	BOLT: HEX 1/2-13 X 3-1/2"
26	2	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
27	2	P101016	BOLT: HEX 5/8-11 X 4" GR8
28	2	P101022	BOLT: HEX 5/8-11 X 5-1/2"
29	2	P101216	BOLT, HEX 3/4-10 X 4 GR8
30	2	P108606	SET SCREW, 3/8-16 X 3/8
31	2	P110750	BOLT: FLAT HD SOCKET 5/8-11 X 4" Z
32	8	P110912	CAPSCREW, 1/4-20 X 1-1/4 ALLEN HD
33	2	P120850	CLEVIS PIN: 1"
34	8	P155250	NUT: HEX, 1/4" TOP-LOCK
35	6	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
36	8	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
37	2	P157120	NUT: HEX, 3/4"-10 TOP-LOCK
38	6	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
39	2	P259330	CYL, 2B X 8S W/CAV CH
40	2	P259335	CYL; 2B X 42S W/CAV 1" BARREL END
41	2	P259999	STRAP: 12" STD DUTY CINCH
42	2	P294250	VALVE: PILOT CHECK CARTRIDGE
43	2	P294260	VALVE, COUNTERBALANCE CHECK CBCG-LJN
44	4	P605000	SPRING BUMPER
45	4	P620200	FITTING: GREASE, 1/4"-28 STRT
46	2	P622604	PIN, LYNCH 3/16 X 1-1/4
47	23	P851106	WASHER: LOCK 3/8" ZP
48	18	P851108	WASHER: LOCK 1/2" ZP
49	6	P851110	WASHER: LOCK 5/8"
50	2	P851112	WASHER: LOCK 3/4"
51	4	P851606	WASHER: FLAT 3/8" HEAVY

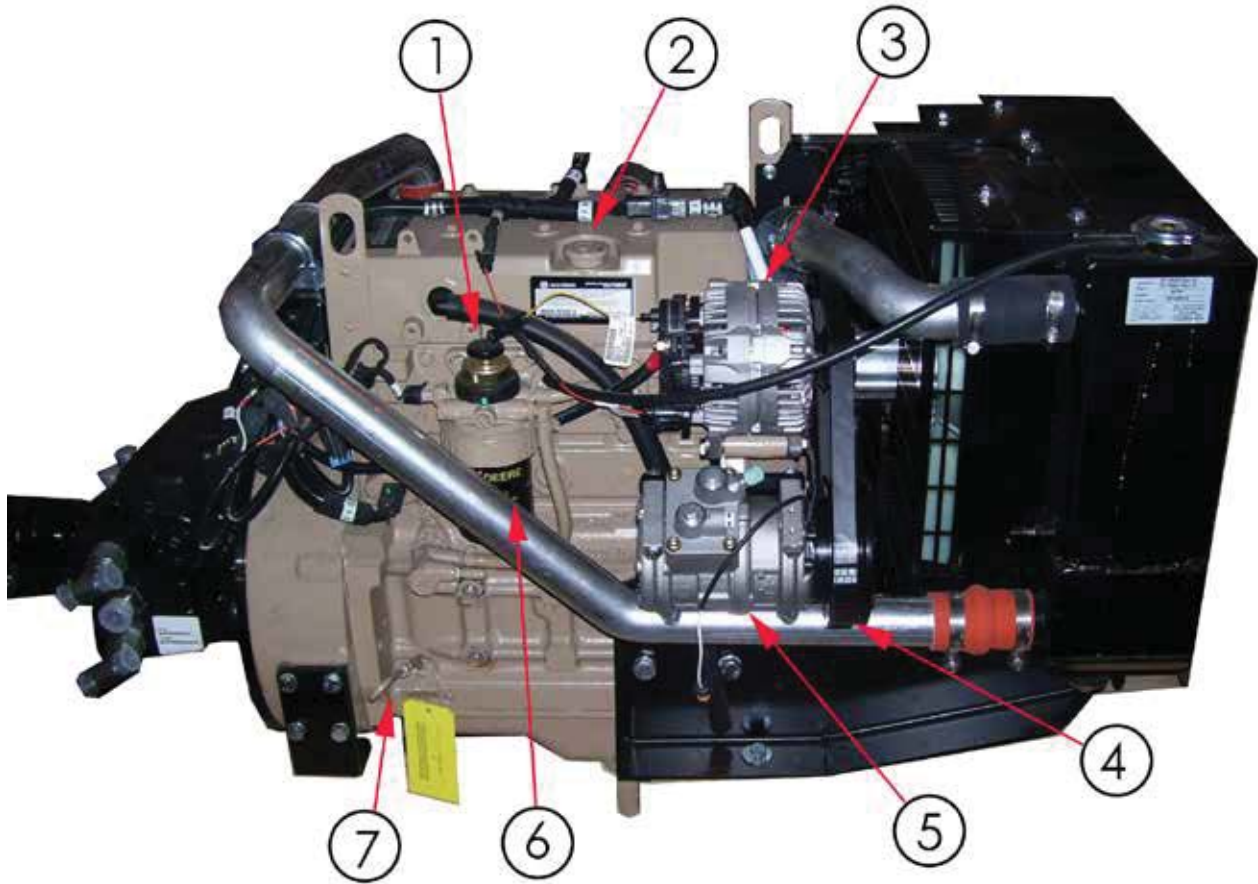
ENGINE AND PUMPS SCHEMATIC



ENGINE AND PUMPS LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550055	BRACKET: MUFFLER
2	1	550056	EXHAUST TUBE 5500
3	1	550101	WLD: EXHAUST TUBE
4	1	550176	CONDENSER MT
5	1	550255	CONDENSER BRKT TOP
6	1	550212	TUBE: AIR INTAKE
7	1	550228	AIR DEFLECTOR REAR
8	1	550231	WLDT: AIR DEFLECTOR FRONT
9	4	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
10	11	P100403	BOLT: HEX, 1/4" NC X 3/4" GR5
11	6	P100503	BOLT: HEX, 5/16" NC X 3/4" GR5
12	2	P100605	BOLT: HEX, 3/8" NC X 1 1/4" GR5 ZN
13	1	P100805	BOLT: HEX, 1/2" X 1-1/4"
14	2	P100807	BOLT: HEX 1/2-13 X 1-3/4"
15	4	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
16	3	P128855	CLAMP: T BOLT BAND 2 1/4"
17	3	P128930	CLAMP, MUFFLER 2 1/2"
18	4	P133072	MOUNT: ISOLATOR CB-1121-2
19	4	P155350	NUT: HEX, 5/16 TOP-LOCK
20	5	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
21	1	P269007	HOSE: A/C ELBOW 2.5" ID
22	1	P269205	HOSE: A/C REDUCER 2.5" X 2.25"
23	1	P370445	RADIATOR / INTERCOOLER
24	1	P555120	AUXILIARY GEAR PUMP 26307
25	1	P556450	PUMP, HYDO TRANS HIP053
26	6	P850104	WASHER: FLAT 1/4" ZP
27	4	P850108	WASHER: FLAT 1/2" ZP
28	11	P851104	WASHER: LOCK 1/4"
29	2	P851105	WASHER: LOCK 5/16"
30	2	P851106	WASHER: LOCK 3/8" ZP
31	7	P851108	WASHER: LOCK 1/2" ZP
32	2	R96573100	RUBBER STRIP: 1" X 1"
33	1	P370460	ENGINE: JD 4024HF295

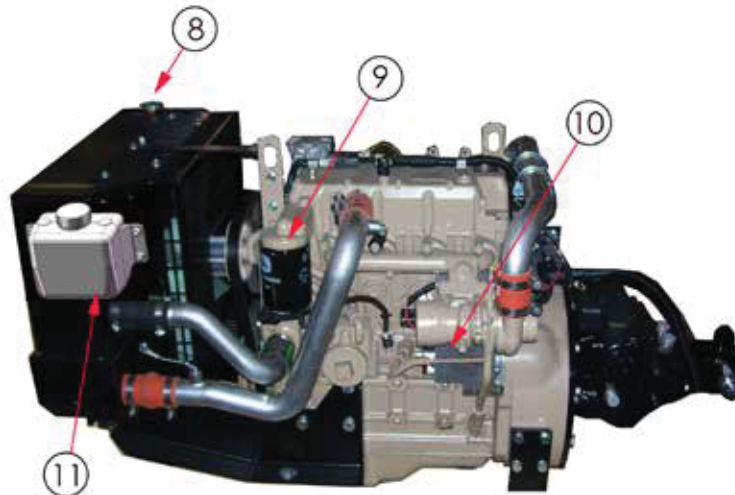
ENGINE SERVICE



FRONT ENGINE VIEW

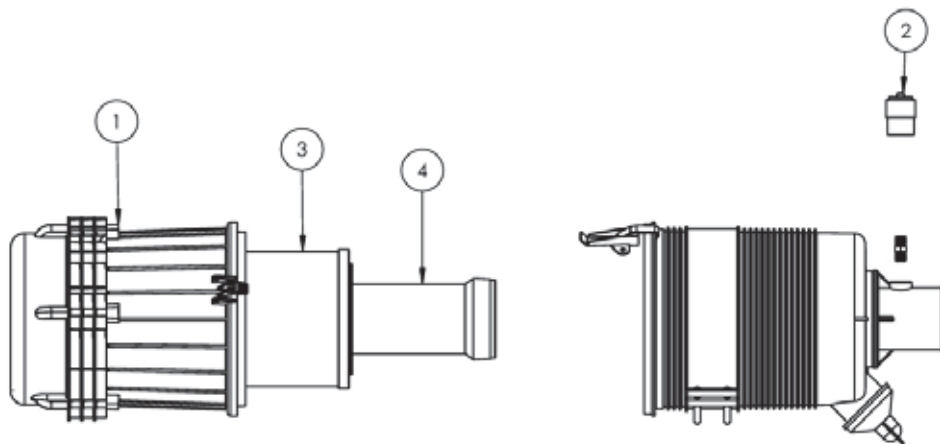
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370466	FUEL PRIMING PUMP
2		N/A	ENGINE OIL FILL CAP
3	1	P370452	ALTERNATOR
4	1	P066202	SERPENTINE BELT WITH A/C
*	1	P063020	* SERPENTINE BELT WITHOUT A/C*
5	1	P117120	AIR COND COMPRESSOR
6	1	P371622	FUEL FILTER
7	1	P370461	ENGINE OIL DIPSTICK

ENGINE SERVICE



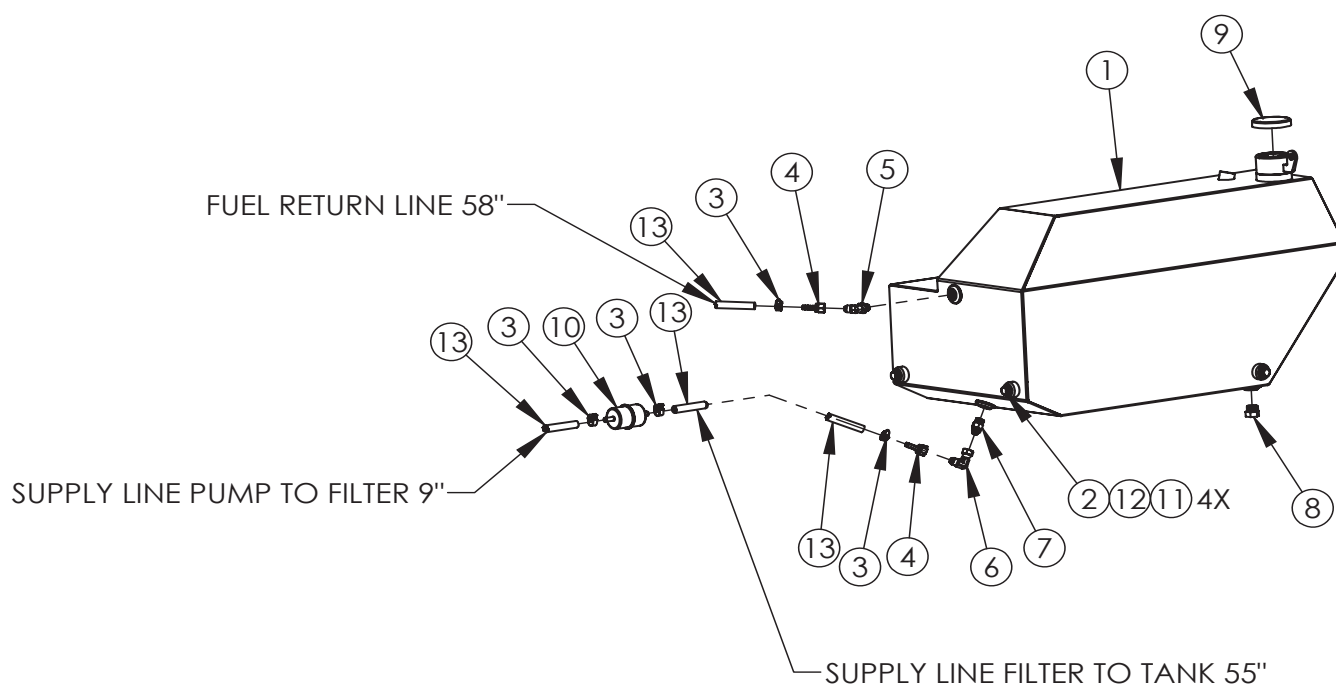
REAR ENGINE VIEW

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
8	1	P370448	RADIATOR FILL CAP
9	1	P371570	ENGINE OIL FILTER
10	1	P370351	STARTER MOTOR
11	1	P370453	OVER FLOW BOTTLE



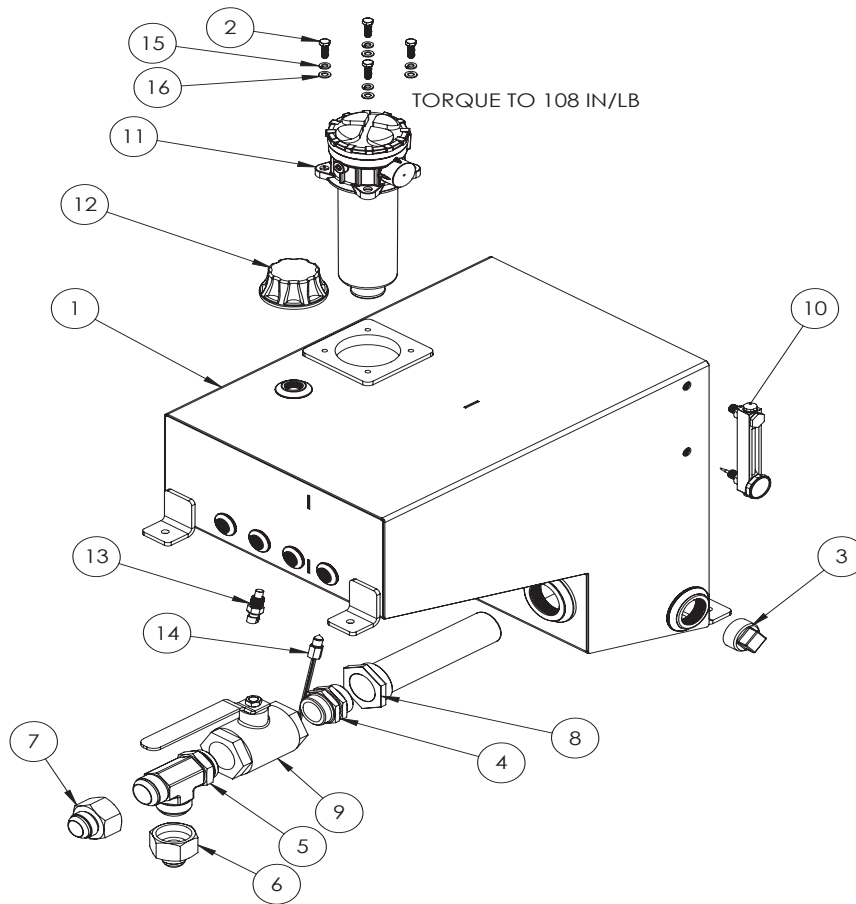
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
2	1	P297160	GAUGE: IND A/C DON #RAX002351
3	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
4	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG

FUEL LINE SCHEMATIC & LEGEND



ITEM	FUEL/QTY.	PART NUMBER	DESCRIPTION
1	1	550381	WLDT: FUEL TANK 5500
2	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
3	5	P128702	CLAMP: HOSE, SIZE 02
4	2	P261513	FITTING: 6FJ 5HB
5	1	P261525	FITTING: 6MJ 6MB45
6	1	P261528	FITTING: 6MJ 6FJX90
7	1	P276101	ADAPTER 6MB-6MJ
8	1	P278005	FITTING: 8MB PLUG
9	1	P371131	CAP, FUEL FILL
10	1	P371650	FILTER, FUEL IN LINE
11	4	P850106	WASHER: FLAT 3/8" ZP
12	4	P851106	WASHER: LOCK 3/8" ZP
13	14.25 FT	R99000703	HOSE: FUEL LINE, 5/16 ID

OIL RESERVIOR SCHEMATIC AND LEGEND



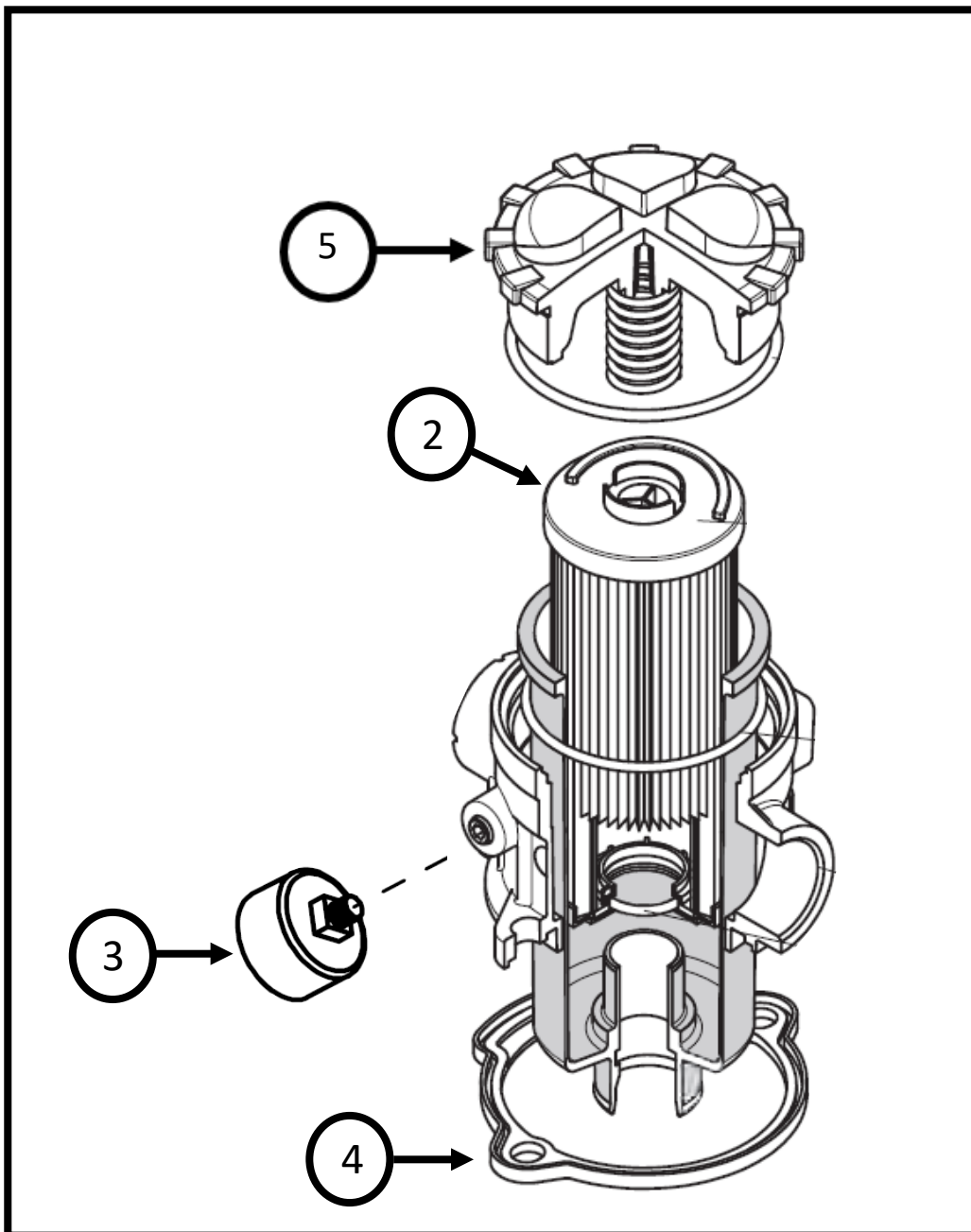
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550298	WLDT: OIL RESERVOIR
2	4	P100504	BOLT: HEX, 5/16" NC X 1" GR5
3	1	P270360	PLUG: MAGNETIC 1.5 MPT
4	1	P277195	FITTING: 24MB 24MB ADJUSTABLE
5	1	P278108	FITTING: 24MB 24MJ 24MJ
6	1	P278130	FITTING; 24FJ 16MJ REDUCER
7	1	P278132	FITTING; 24FJ 20MJ REDUCER
8	1	P278250	STRAINER, HYD 30 GPM
9	1	P294610	BALL VALVE, -24
10	1	P297220	GAUGE: OIL SIGHT
11	1	P371860	FILTER ASM: HYD MPT1043SAG8A10HBTC
12	1	P371862	BREATHER: TANK PRESSURIZED
13	1	P372310	SENSOR: HYD TEMP
14*	1	P372320	SENSOR: HYD LEVEL OPTIC *SEE NOTE BELOW
15	4	P851105	WASHER: LOCK 5/16"
16	4	P852105	WASHER: FLAT 5/16" NARROW

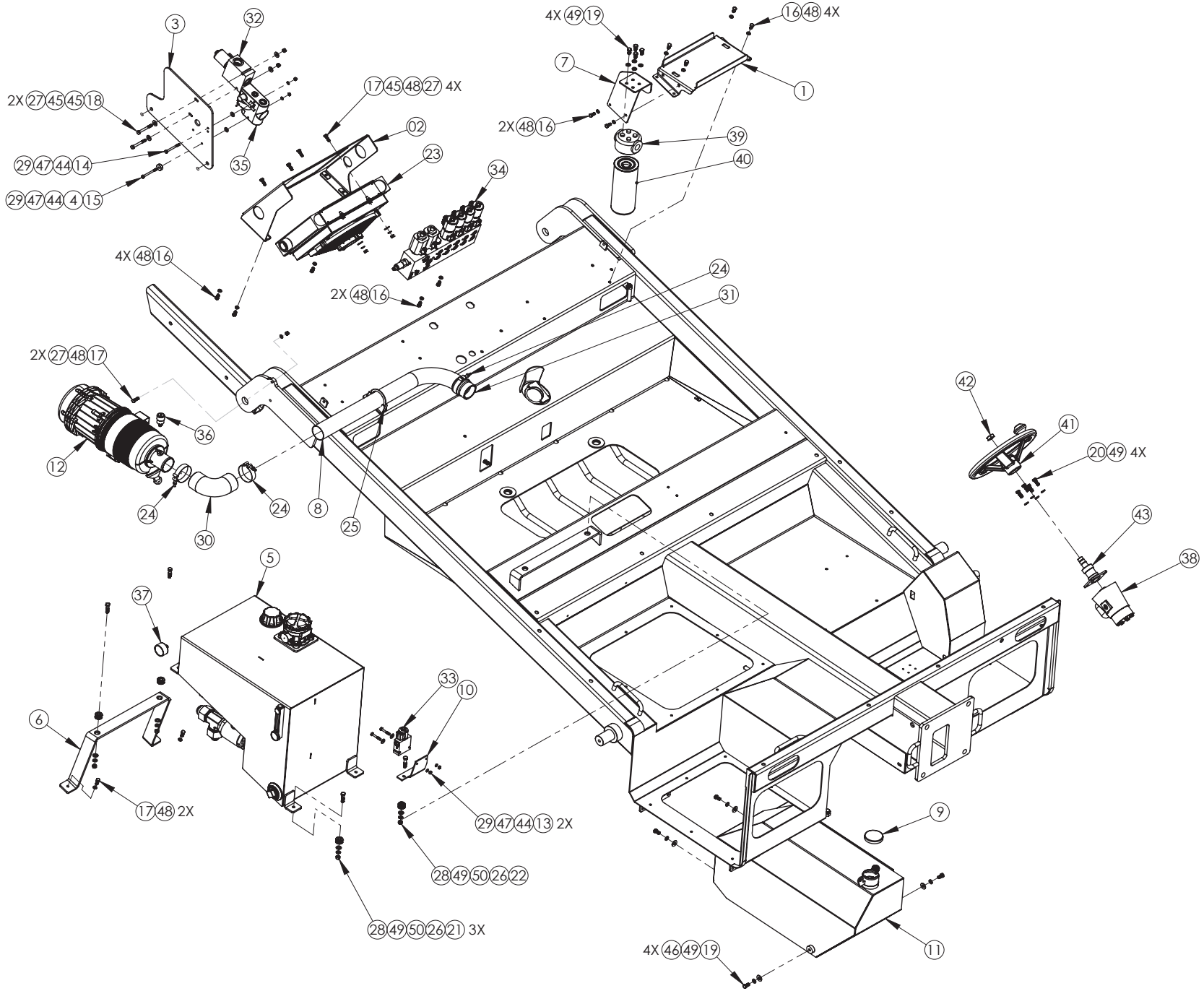
71.P371861 REPLACEMENT HYDRAULIC FILTER

* 71.550598 HYDRAULIC LEVEL SENSOR WITH CONNECTOR INSTALLED

HYDRAULIC FILTER HOUSING

- 1) 71.P371860 Complete filter housing: includes base gasket and 10-micron filter element
- 2) 71.P371861 Filter element 10-micron
- 3) 71.P297170 Filter indicator gauge
- 4) 71.P371839 Base gasket
- 5) 71.P371844 Cover with spring





RESERVOIR, VALVE, AIR CLEANER LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550043	WLDT: BATTERY MT
2	1	550350	MT: OIL COOLER
3	1	550126	BRKT: VALVE MT SPACER,
4	1	550127	VALVE STOP ASM: OIL
5	1	550299	RESERVOIR: HYDRAULIC OIL
6	1	550133	BRKT: OIL TANK MT
7	1	550173	CHARGE FILTER MT
8	1	550210	TUBE, INTAKE ELBOW
9	1	P371131	CAP, VENTED FUEL
10	1	550262	BRACKET, VALVE MOUNT
11	1	550381	FUEL TANK
12	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
13	2	P100407	BOLT: HEX, 1/4"NC X 1-3/4" GR5 ZN
14	1	P100411	1/4-20 X 2-3/4 HEX BOLT
15	1	P100412	1/4-20 X 3" HEX BOLT
16	16	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
17	8	P100504	BOLT: HEX, 5/16" NC X 1" GR5
18	2	P100511	5/16-18 X 2-3/4 HEX BOLT
19	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
20	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
21	3	P100606	BOLT: HEX 3/8-16 X 1-1/2"
22	1	P100607	BOLT: HEX 3/8-16 X 1-3/4"
23	1	P117320	COOLER, HYD OIL AKG DC16-12
24	3	P128860	CLAMP: T BOLT BAND 2 1/2"
25	2	P128930	CLAMP, MUFFLER 2 1/2"
26	4	P133071	ISOLATOR, CB-1120-1
27	12	P155350	NUT: HEX, 5/16 TOP-LOCK
28	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
29	4	P158003	NUT, HEX, 1/4 ELASTIC STOP
30	1	P269006	HOSE: A/C ELBOW 2.5" ID
31	1	P269205	HOSE: A/C REDUCER 2.5" X 2.25"
32	1	P292410	VALVE ASM, PV72-30
33	1	P292412	VALVE: HF SV08-30-6T-N-12-EY
34	1	P292510	VALVE: VA14-0712
35	1	P294150	VALVE: BRAND FC55-8-37
36	1	P297160	GAUGE: IND A/C DON #RAX002351
37	1	P297170	GAUGE, IND LP C1-20
38	1	P352210	POWER STEERING MOTOR
39	1	P371930	FILTER HEAD, CHARGE PUMP
40	1	P371935	FILTER: HYD HIGH PRESSURE 5000
41	1	P768500	WHEEL: STEERING
42	1	P768501	NUT, STEERING COLUMN
43	1	P768515	COLUMN: STEERING
44	4	P850104	WASHER: FLAT 1/4" ZP
45	8	P850105	WASHER: FLAT 5/16" ZP
46	4	P851104	WASHER: LOCK 1/4"
47	20	P851105	WASHER: LOCK 5/16"
48	12	P851106	WASHER: LOCK 3/8" ZP
49	4	P851606	WASHER: FLAT 3/8" HEAVY

*NOT PICTURED

71.P117310 HYD COOLING FAN



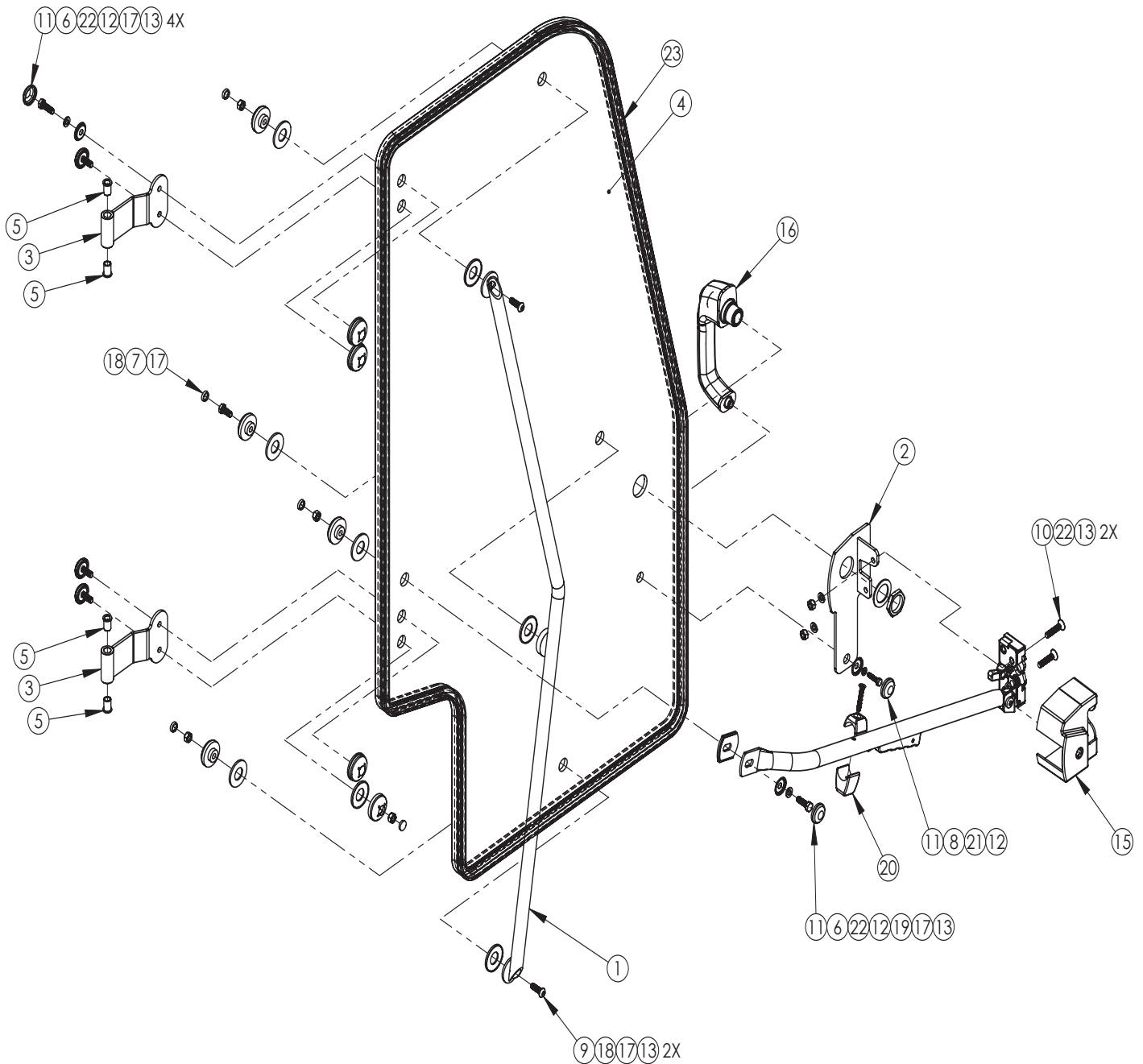
CAB ASSEMBLY LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	4	550174	HINGE BASE: CAB DOOR
2	1	550201	DOOR ASM LH 5500
3	1	550202	DOOR ASM 5500 RH
4	4	550242	TAB: HINGE SPACER
5	2	550248	GLASS: CAB LOWER FRONT
6	1	550249	GLASS: CAB WINDSHIELD
7	1	550280	FOAM: CAB UPPER INSIDE BACK
8	2	550281	FOAM: 5500 CAB INSIDE TOP
9	1	550282	FOAM: 5500 CAB UPPER FRONT
10	1	550283	FOAM: CAB LOWER BACK INSIDE
11	1	550284	FOAM: CAB OUTSIDE BACK
12	1	550392	WINDOW ASM: RS CAB
13	1	550393	WINDOW ASM: LS CAB
14	4	550394	BUSHING: .625ID X 1.25OD X .313L
15	1	550395	FOAM: LOWER RH
16	1	550396	FOAM: LOWER LH
17	1	550397	FOAM: PILLAR LH
18	1	550398	FOAM: PILLAR RH
19	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
20	4	P103814	BOLT: METRIC, M8-1.25 X 14
21	2	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
22	4	P110604	BOLT: SOC HD, 3/8-16 X 1
23	2	P122302	PIN: SPRING M5 X 16MM
24	4	P126305	BALL JOINT: 5/16 -18 STUD
25	2	P133091	SHOCK DAMPER : 5500 DOOR
26	4	P150600	NUT: HEX 3/8-16
27	2	P155350	NUT: HEX, 5/16 TOP-LOCK
28	2	P158043	NUT: HEX, M12 x 1 PLATED
29	4	P267002	FITTING: DAMPER END
30	2	P310125	STRIKER: DOOR LATCH
31	2	P313005	MIRROR: EXTERIOR FLAT 5500
32	2	P313010	ASM, MIRROR ARM
33	2	P850103	WASHER: FLAT ZINC 3/16"
34	8	P850104	WASHER: FLAT 1/4" ZP
35	4	P850105	WASHER: FLAT 5/16" ZP
36	2	P851103	WASHER: LOCK 3/16"
37	8	P851104	WASHER: LOCK 1/4"
38	6	P851105	WASHER: LOCK 5/16"
39	1	P999000	BOX: OWNERS MANUAL
40	2	R96573075	RUBBER STRIP: 3/4" X 3/4" X 2.5 FT
41	1	R96574006	GASKET: WINDOW SEAL 1/16 PANEL X 15FT
42	2	R96574008	GASKET: WINDOW SEAL 1/8 PANEL X 3.85FT

71.P310119 REPLACEMENT DOOR KEY

LEFT DOOR ASSEMBLY SCHEMATIC

LEFT DOOR ASSEMBLY: 550201



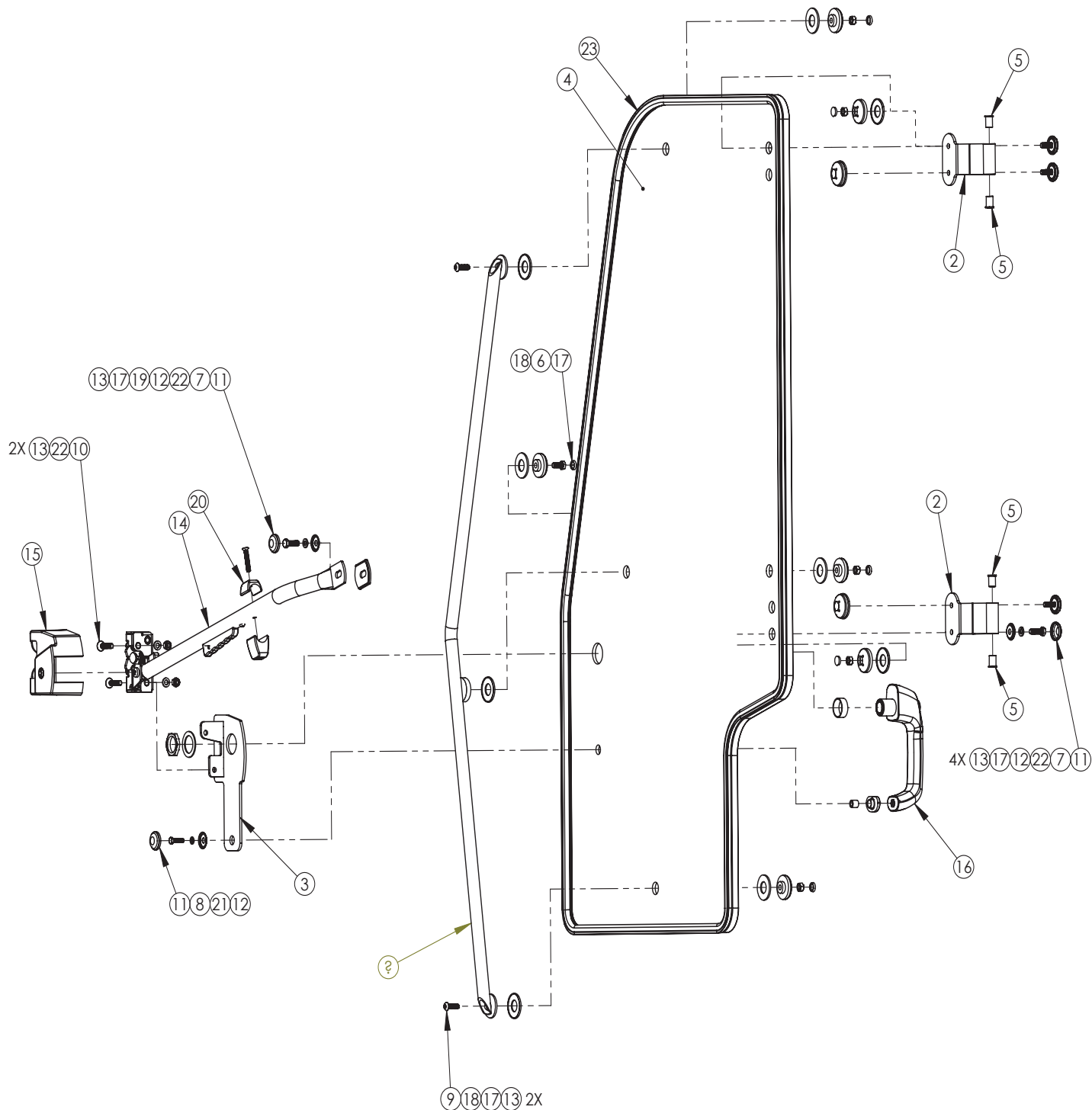
LEFT DOOR ASSEMBLY LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550140	DOOR BRACE LH
2	1	550238	WLDT: LATCH BRKT LH
3	2	550241	WLDT: DOOR HINGE UNI
4	1	550245	GLASS: CAB DOOR
5	4	P006650	BEARING, FLANGED SLEEVE .38 ID
6	5	P100504	BOLT: HEX, 5/16" NC X 1" GR5
7	1	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
8	1	P103825	BOLT: METRIC, M6-1.0 X 25
9	2	P110503	BOLT: BUTTON SOC HD, 5/16 NC X 1
10	2	P110506	BOLT: FLAT SOC HD, 5/16 NC X 1-1/2
11	6	P115975	CAP: FINISHING BOLT RH-20
12	6	P115976	WASHER: FINISHING CAP RHW-204
13	9	P150500	NUT: HEX 5/16-18
14	1	P310120	LATCH ASM DOOR LH
15	1	P310122	LATCH COVER LH
16	1	P310124	HANDLE ASM: CAB DOOR
17	8	P310126	NUT COVER ASM 8MM
18	3	P310127	SEAL WASHER: NUT COVER 8MM
19	1	P310128	GASKET: TUBE END
20	1	P310129	MOUNT: GAS SPRING
21	1	P851096	WASHER: LOCK M6
22	7	P851105	WASHER: LOCK 5/16"
23	13 FT	R96574001	GASKET: BULB SEAL A3224-6

71.P310119 REPLACEMENT DOOR KEY

RIGHT DOOR ASSEMBLY SCHEMATIC

RIGHT DOOR ASSEMBLY: 550202

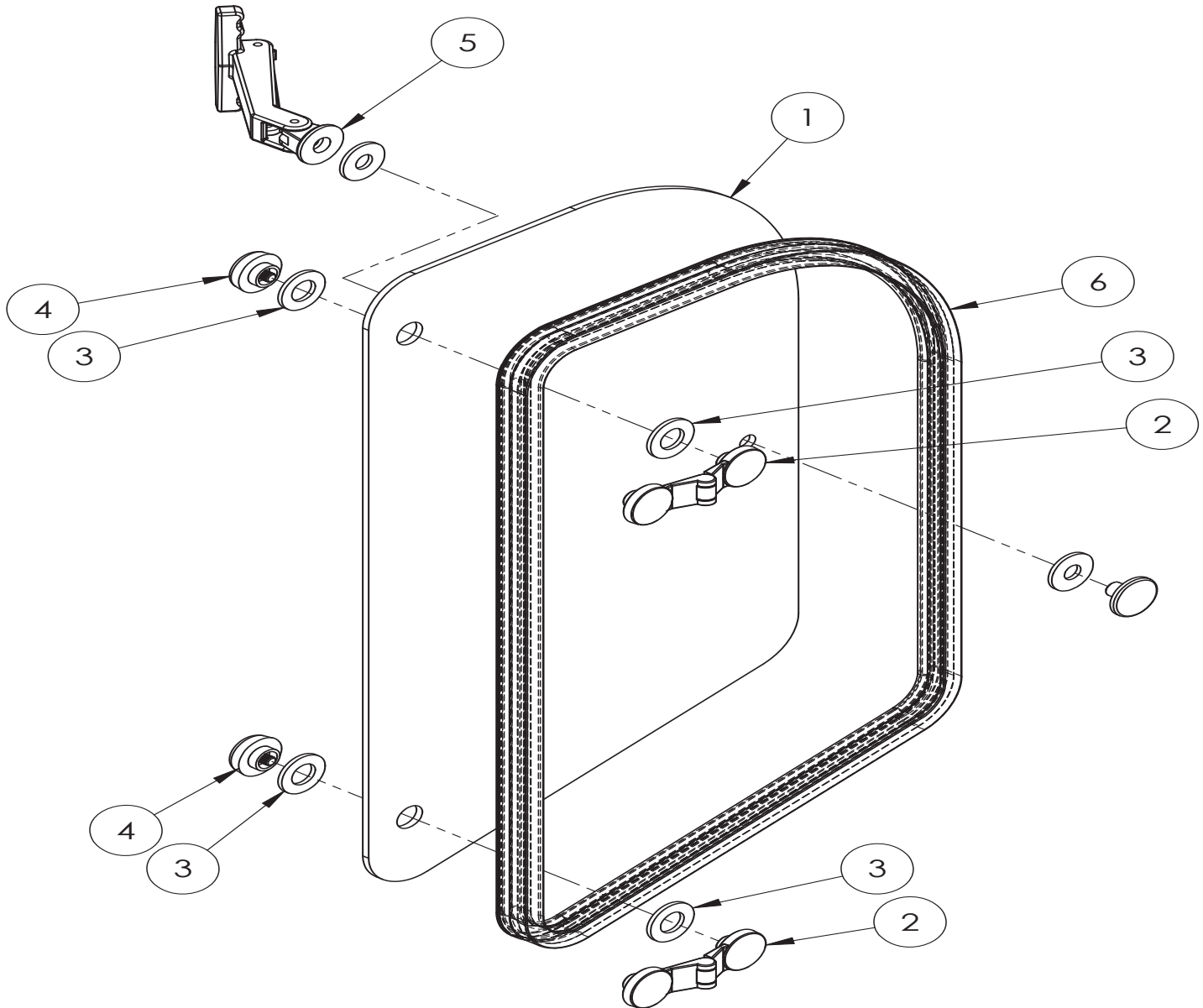


RIGHT DOOR ASSEMBLY SCHEMATIC

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550141	DOOR BRACE RH
2	2	550241	WLDT: DOOR HINGE UNI
3	1	550244	WLDT: LATCH BRKT RH
4	1	550245	GLASS: CAB DOOR
5	4	P006650	BEARING, FLANGED SLEEVE .38 ID
6	1	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
7	5	P100504	BOLT: HEX, 5/16" NC X 1" GR5
8	1	P103825	BOLT: METRIC, M6-1.0 X 25
9	2	P110503	BOLT: BUTTON SOC HD, 5/16 NC X 1
10	2	P110506	BOLT: FLAT SOC HD, 5/16 NC X 1-1/2
11	6	P115975	CAP: FINISHING BOLT RH-20
12	6	P115976	WASHER: FINISHING CAP RHW-204
13	9	P150500	NUT: HEX 5/16-18
14	1	P310121	LATCH ASM DOOR RH
15	1	P310123	LATCH COVER RH
16	1	P310124	HANDLE ASM: CAB DOOR
17	8	P310126	NUT COVER ASM 8MM
18	3	P310127	SEAL WASHER: NUT COVER 8MM
19	1	P310128	GASKET: TUBE END
20	1	P310129	MOUNT: GAS SPRING
21	1	P851096	WASHER: LOCK M6
22	7	P851105	WASHER: LOCK 5/16"
23	13 FT	R96574001	GASKET: BULB SEAL A3224-6

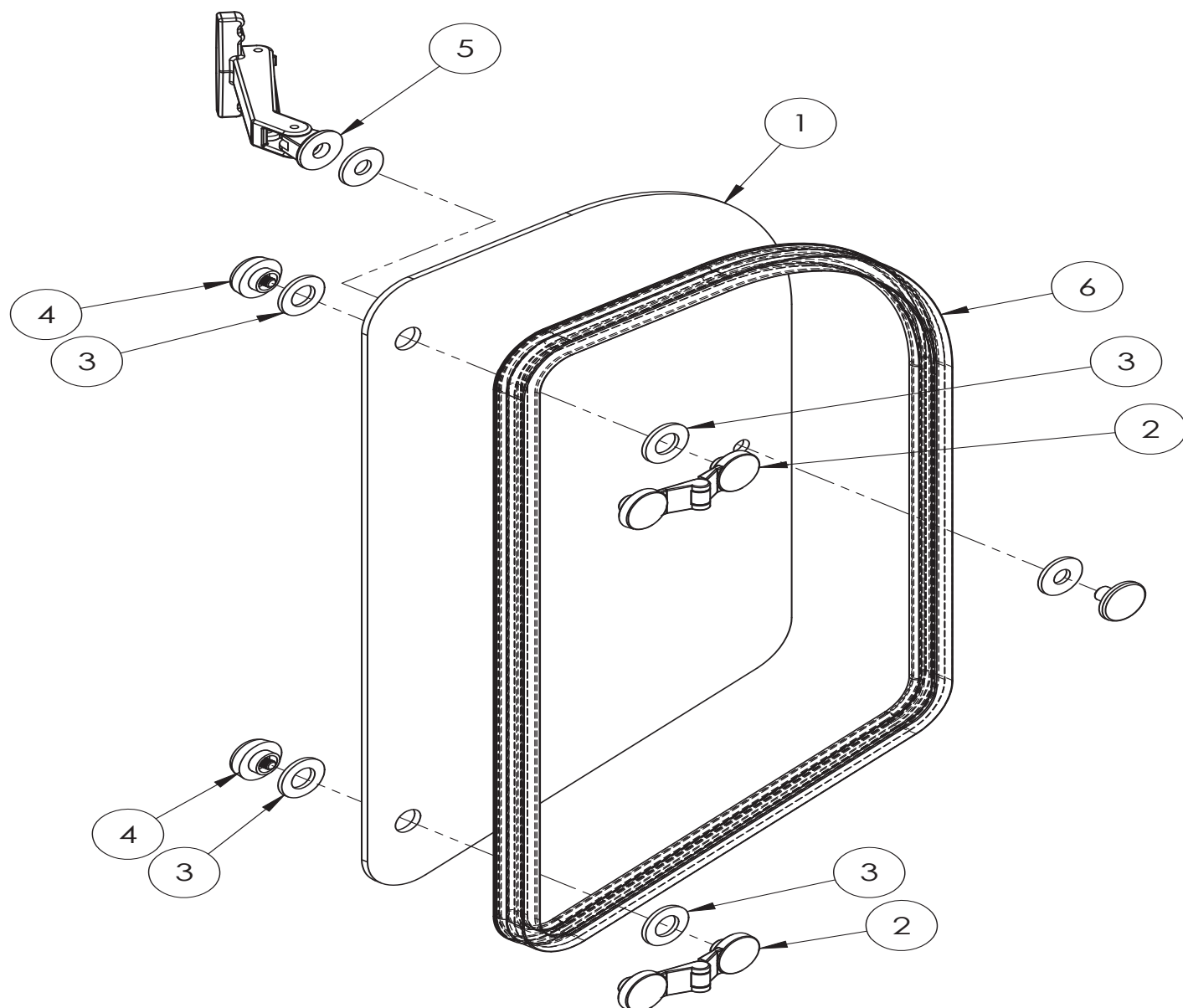
71.P310119 REPLACEMENT DOOR KEY

LEFT WINDOW ASSEMBLY

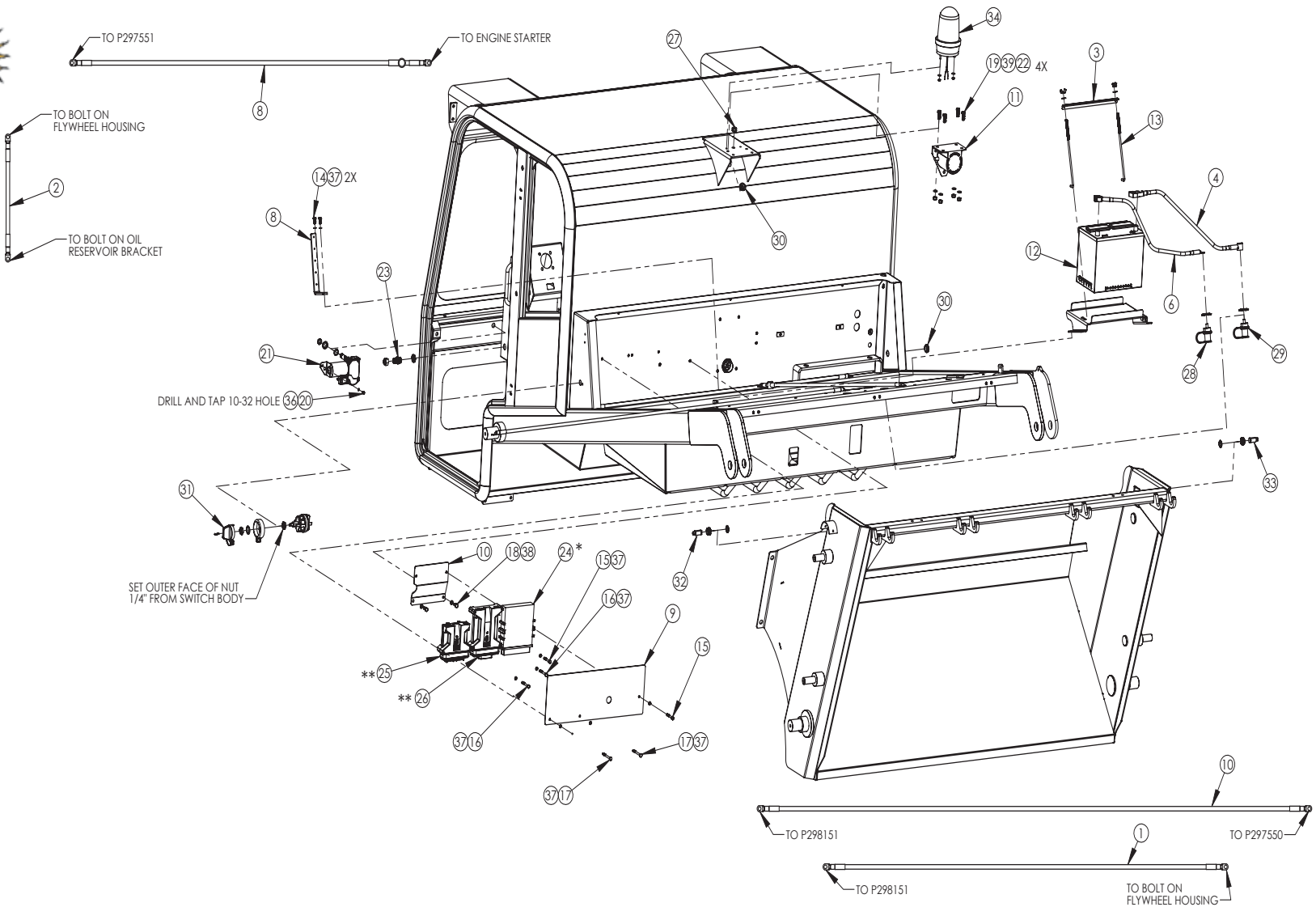


ITEM	QTY.	PART #	DESCRIPTION
1	1	550399	GLASS: CAB SIDE HINGED
2	2	P310131	HINGE: TRIMARK WINDOW
3	4	P310132	GASKET: WINDOW HINGE
4	2	P310133	SCREW FIXING: WINDOW HINGE
5	1	P310134	LATCH: WINDOW STAY
6	6 FT	R96574001	GASKET: BULB SEAL A3224-6

RIGHT WINDOW ASSEMBLY



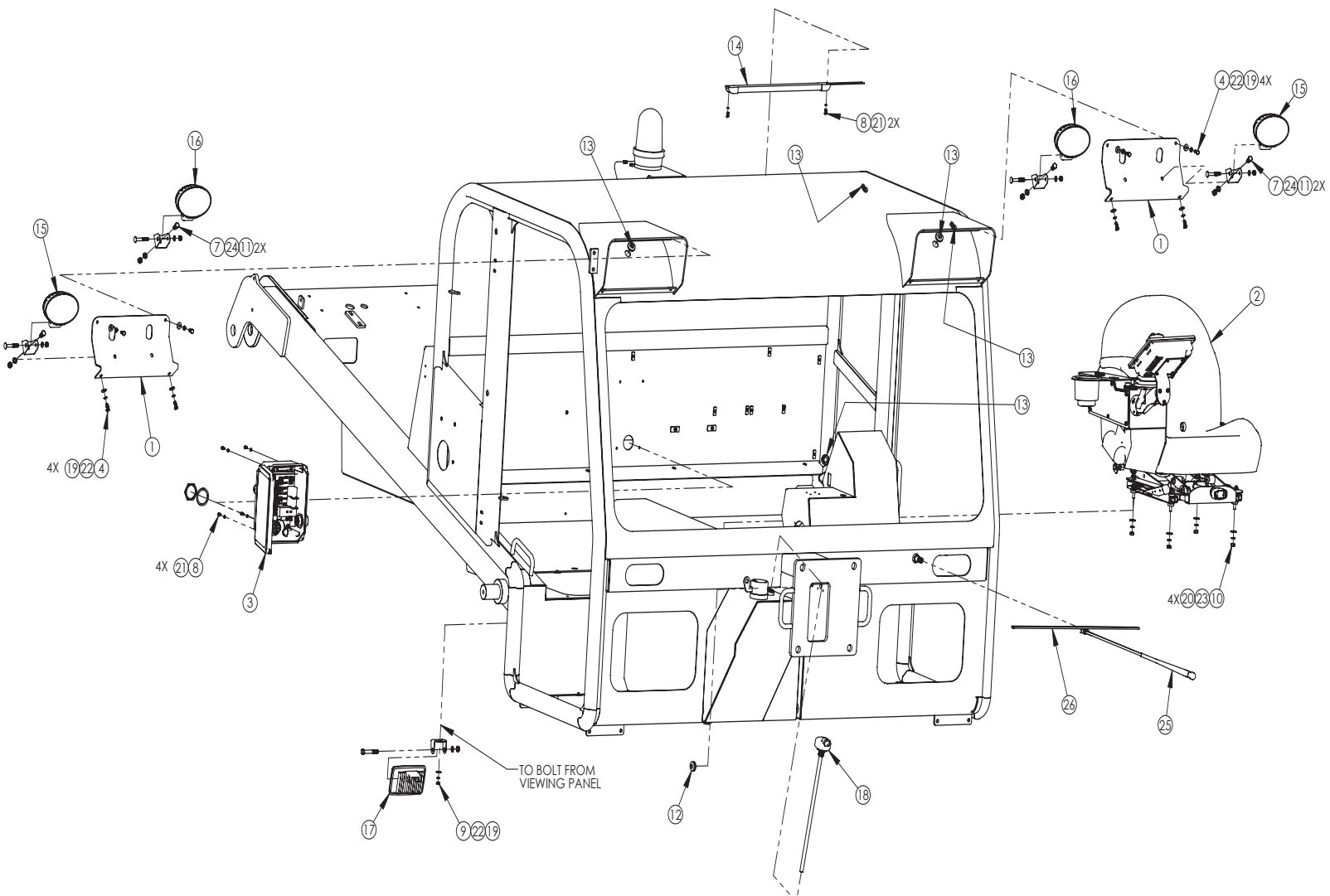
ITEM	QTY.	PART#	DESCRIPTION
1	1	550399	GLASS: CAB SIDE HINGED
2	2	P310131	HINGE: TRIMARK WINDOW
3	4	P310132	GASKET: WINDOW HINGE
4	2	P310133	SCREW FIXING: WINDOW HINGE
5	1	P310134	LATCH: WINDOW STAY
6	6 FT	R96574001	GASKET: BULB SEAL A3224-6



CONTROL AND ELECTRICAL LEGEND

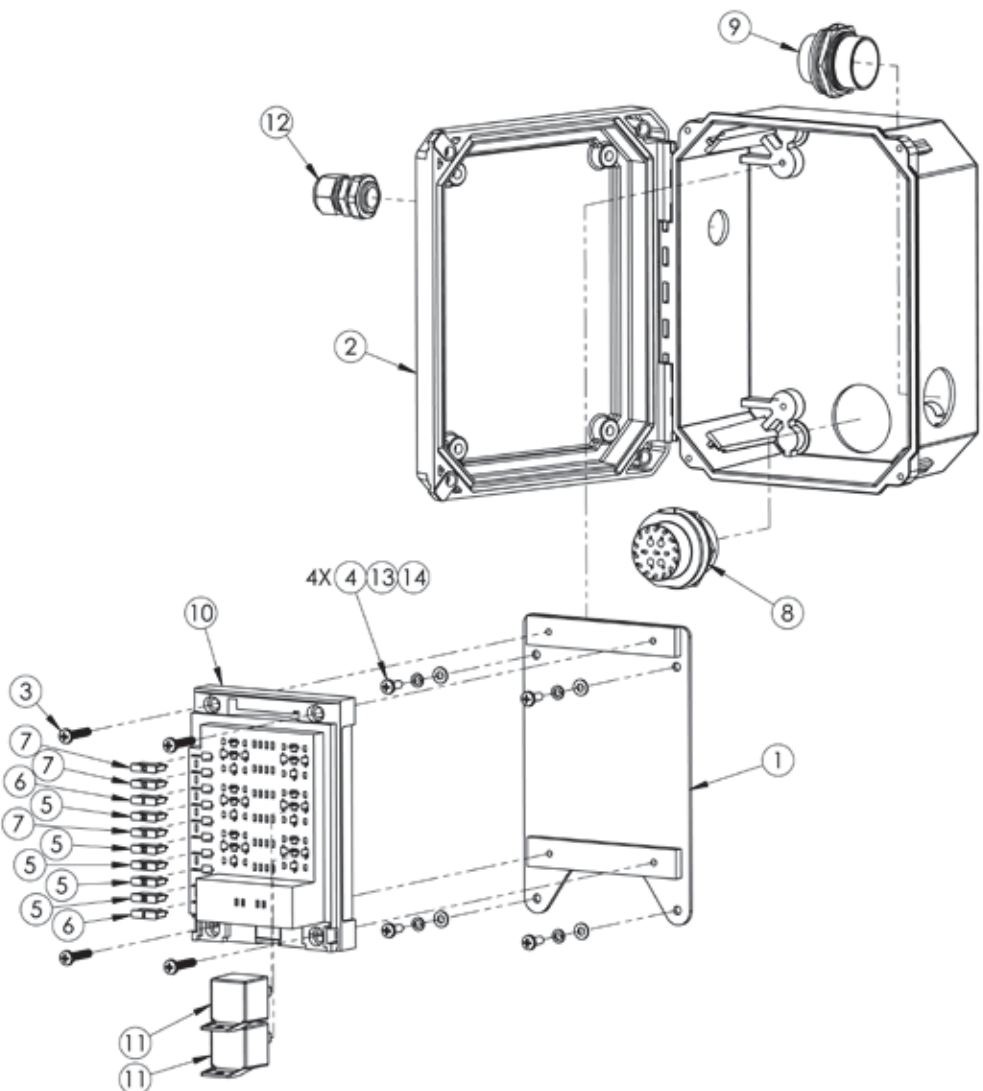
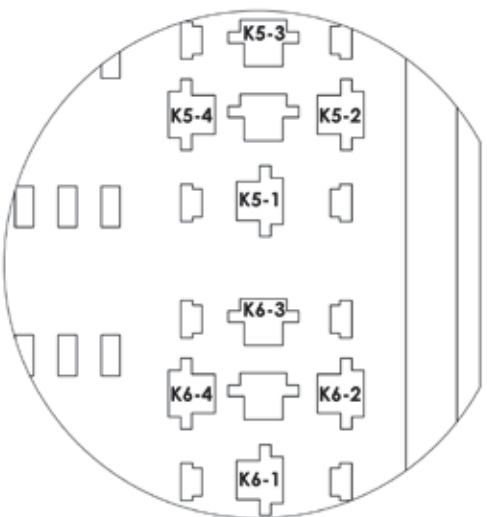
ITEM	QTY.	PART #	DESCRIPTION
1	1	4967	CABLE: BATTERY 54" 3/8 X 3/8 BLK
2	1	4992	CABLE: BATTERY 12" 3/8 X 3/8 BLK
3	1	5067	ANGLE: BATTERY HOLD DOWN
4	1	550263	CABLE: BAT 1 GA RED X 22"
5	1	550264	CABLE: BATTERY 34" 3/8 X 3/8 RED
6	1	550265	CABLE: BATTERY, 22" 3/8 X NLUG
7	1	550266	CABLE; BATTERY 20" 6 GA BLK
8	1	550276	BRACKET: RELAY MT
9	1	550480	WLDT: CONTROLLER SHIELD
10	1	550481	WLDT: ECU BRKT
11	1	P001720	ALARM: BACK-UP, PRECO 45AA
12	1	P002300	BATTERY: EXIDE 24F60
13	1	P002500	KIT: BATTERY HOLD DOWN BOLT
14	2	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	2	P100408	1/4-20 X 2" HEX BOLT
16	2	P100409	1/4-20 X 2-1/4 HEX BOLT
17	2	P100411	BOLT: HEX, 1/4"NC X 2 3/4" GR5 ZN
18	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
19	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
20	1	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
21	1	P133410	MOTOR: WIPER 5500
22	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
23	1	P296600	CABLE GRIP: #1234N1203
24	1	P296830	CONTROLLER: ECU- RE528702
25	1	P296881	MICRO-CONTROLLER: PLUS1-24
26	1	P296880	MICRO-CONTROLLER PLUS1-50
27	1	P297375	GROMMET: 3/8 BORE
28	1	P297550	TERM: JUMPER BATTERY #36661 BLACK
29	1	P297551	TERM: JUMPER BATTERY #36660 RED
30	2	P297625	GROMMET: 5/8 BORE
31	1	P298151	SWITCH: MASTER #44076
32	1	P298200	SENSOR: HOPPER CAPACITY TRANSMITTER
33	1	P298201	SENSOR: HOPPER CAPACITY RECEIVER
34	1	P312600	LIGHT: STROBE
35	2	P850104	WASHER: FLAT 1/4" ZP
36	1	P851103	WASHER: LOCK 3/16"
37	9	P851104	WASHER: LOCK 1/4"
38	2	P851105	WASHER: LOCK 5/16"
39	4	P851106	WASHER: LOCK 3/8" ZP

71.P296884 MAIN / CHASSIS HARNESS 5500 W/JD ENGINE (NOT SHOWN)



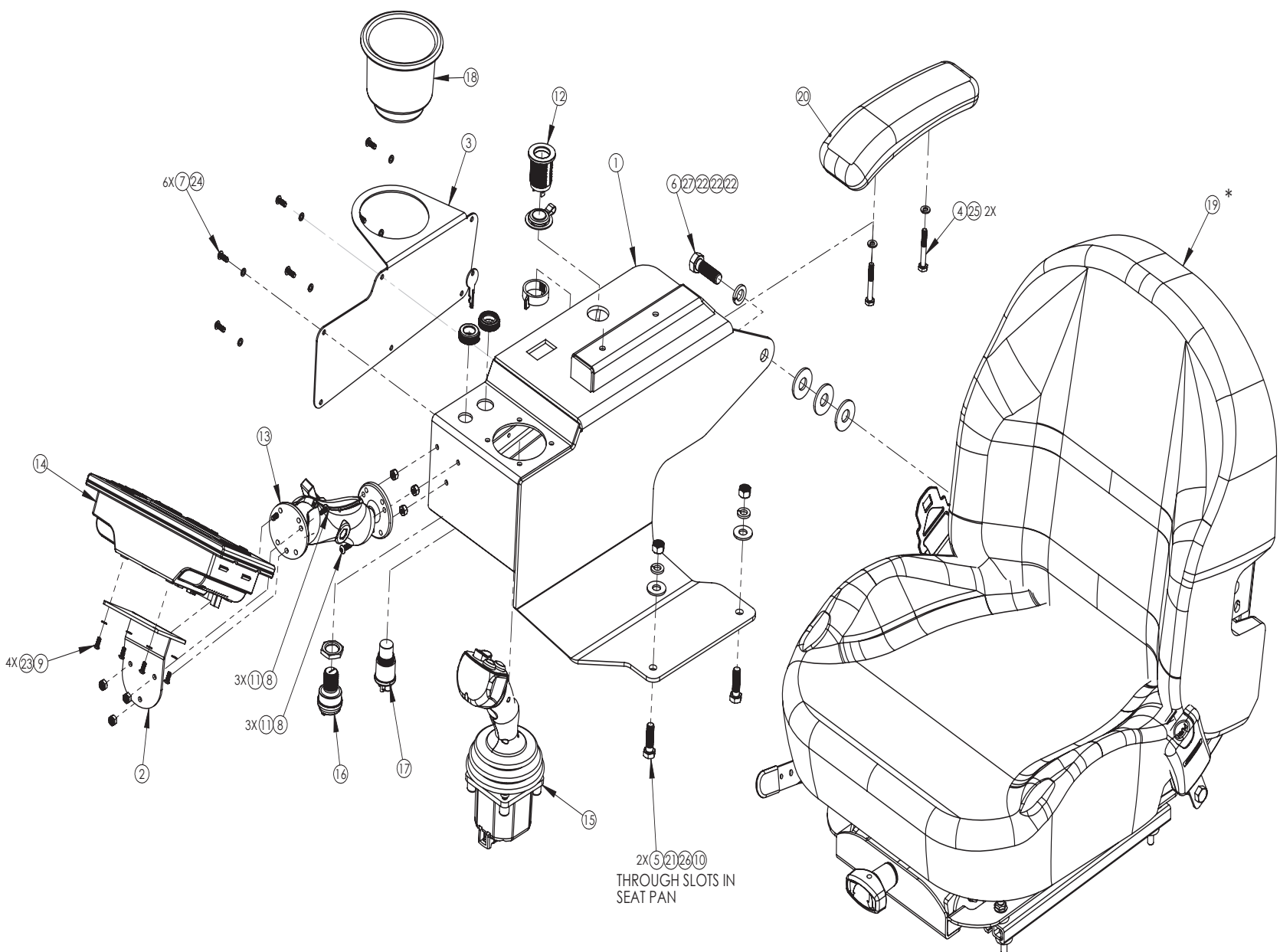
CONTROL AND ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	550094	LIGHT MT INSERT
2	1	550200	ASM: SEAT GROUP 5500
3	1	550250	ASM: ELECTRICAL ENCLOSURE
4	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
5	1	P100404	BOLT: HEX, 1/4"NC X 1"GR5
6	2	P100409	1/4-20 X 2-1/4 HEX BOLT
7	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
8	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
9	1	P150400	NUT: HEX, 1/4" PLATED
10	4	P150500	NUT: HEX 5/16-18
11	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
12	1	P297450	GROMMET: 5/8 BORE
13	5	P297625	GROMMET: 5/8 BORE
14	1	P312710	LIGHT: CAB INTERIOR
15	2	P312720	LIGHT: OVAL WORK LED FLOOD
16	2	P312730	LIGHT: OVAL WORK LED WIDE FLOOD
17	1	P312750	LIGHT: WORKING LED RECT
18	1	P372210	SENDER: FUEL LEVEL T/LL131
19	9	P850104	WASHER: FLAT 1/4" ZP
20	4	P850105	WASHER: FLAT 5/16" ZP
21	6	P851103	WASHER: LOCK 3/16"
22	10	P851104	WASHER: LOCK 1/4"
23	4	P851105	WASHER: LOCK 5/16"
24	4	P851106	WASHER: LOCK 3/8" ZP
25	1	P860110	ARM: WIPER, ADJ 5500
26	1	P860210	BLADE: WIPER 22"



MASTER ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550157	WLDT: RELAY MT
2	1	550251	BOX: ELECTRICAL ENCLOSURE
3	4	P111130	SCREW: TAPPING 10-32 X 1"
4	4	P111140	SCREW: TAPPING #10-32 X 1/2"
5	5	P295028	FUSE: 20 AMP ATO/ATC
6	2	P295040	FUSE: 5 AMP ATO/ATC
7	3	P295041	FUSE: 10 AMP ATO/ATC
8	1	P295099	RECEPTICLE: HD44-24-21PN KIT
9	1	P295100	RECEPTICLE: HD44-18-14PN KIT
10	1	P296120	RELAY MODULE: 5500
11	2	P296150	RELAY: 12V SPST 50A W/MTG
12	1	P296600	CABLE GRIP: #1234N1203
13	4	P851103	WASHER: LOCK 3/16"
14	4	P852160	WASHER: FLAT #10



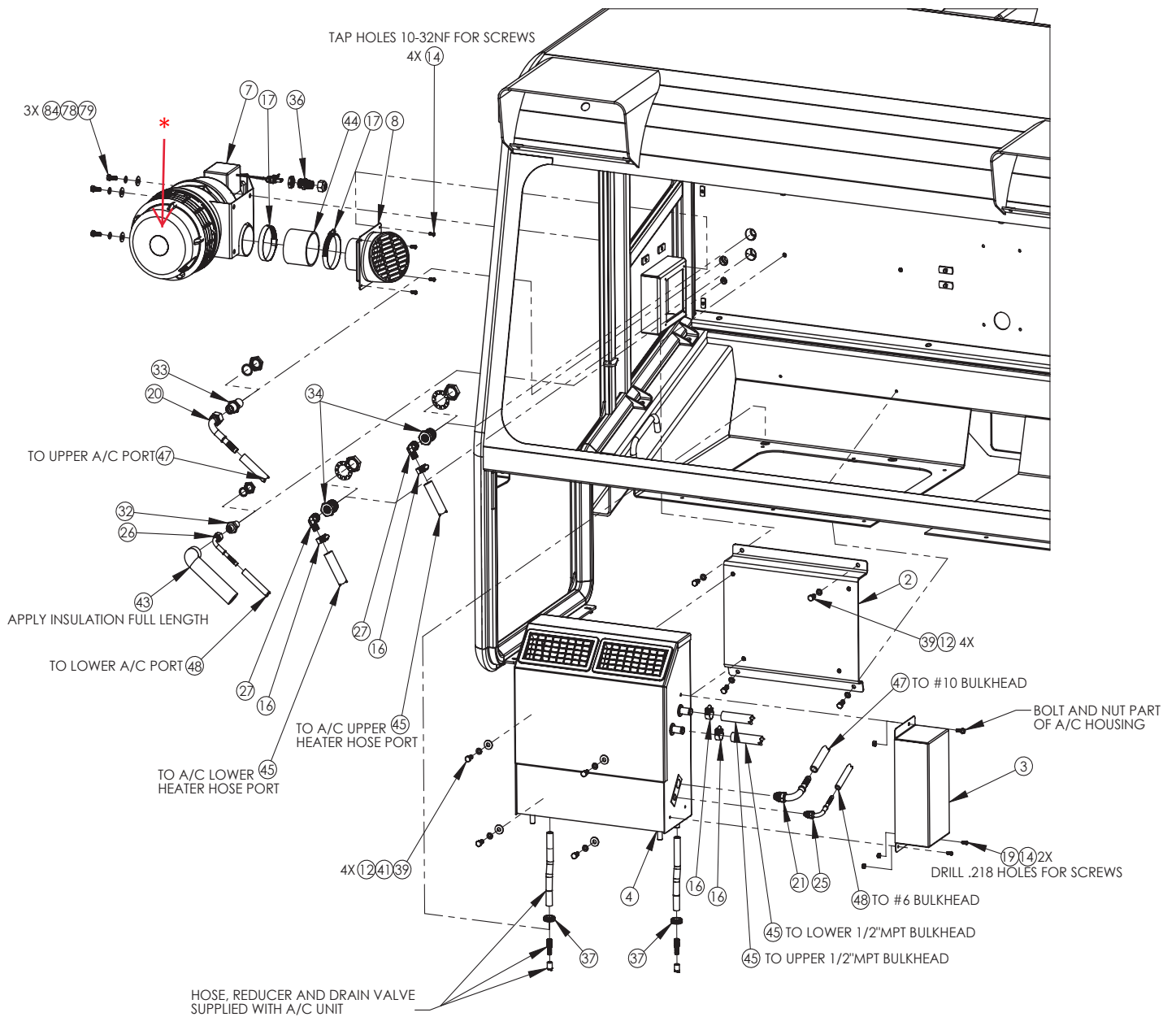
SEAT ASSEMBLY SCHEMATIC

SEAT ASSEMBLY LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550220	WLDT: JOYSTICK CONSOLE
2	1	550260	PLATE: DISPLAY MTG
3	1	550353	COVER: JOYSTICK PANEL
4	2	P100407	BOLT: HEX, 1/4"NC X 1-3/4" GR5 ZN
5	2	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
6	1	P100806	BOLT: HEX, 1/2" X 1 1/2"GR.5Z
7	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
8	6	P106105	SCREW: BHSCS 10-32 X 5/8 SS
9	4	P111144	SCREW: BHSCS M4 -1 X 10MM SS
10	2	P150600	NUT: HEX 3/8-16
11	6	P158010	NUT: HEX, #10-32 NYLOCK SS
12	1	P295022	SOCKET: 10 AMP 12 VOLT POWER PORT
13	1	P296877	ASM: RAM MT 101U
14	1	P296882	DISPLAY: PLUS 1 DP610
15	1	P296883	JOYSTICK: JS6000
16	1	P298140	SWITCH: IGN, POLLAK #31-601
17	1	P298170	SWITCH: START, PUSH BUTTON
18	1	P310500	CUP HOLDER
19 *	1	P600450	SEAT: SEATS INC 1110
20	1	P600451	ARMREST: SEATS INC 176201SN
21	2	P850106	WASHER: FLAT 3/8" ZP
22	3	P850108	WASHER: FLAT 1/2" ZP
23	4	P851094	WASHER: LOCK M4
24	6	P851103	WASHER: LOCK 3/16"
25	2	P851104	WASHER: LOCK 1/4"
26	2	P851106	WASHER: LOCK 3/8" ZP
27	1	P851108	WASHER: LOCK 1/2" ZP

* 71.P600453 SEAT SAFETY SWITCH (NOT SHOWN)

AIR CONDITIONING SCHEMATIC



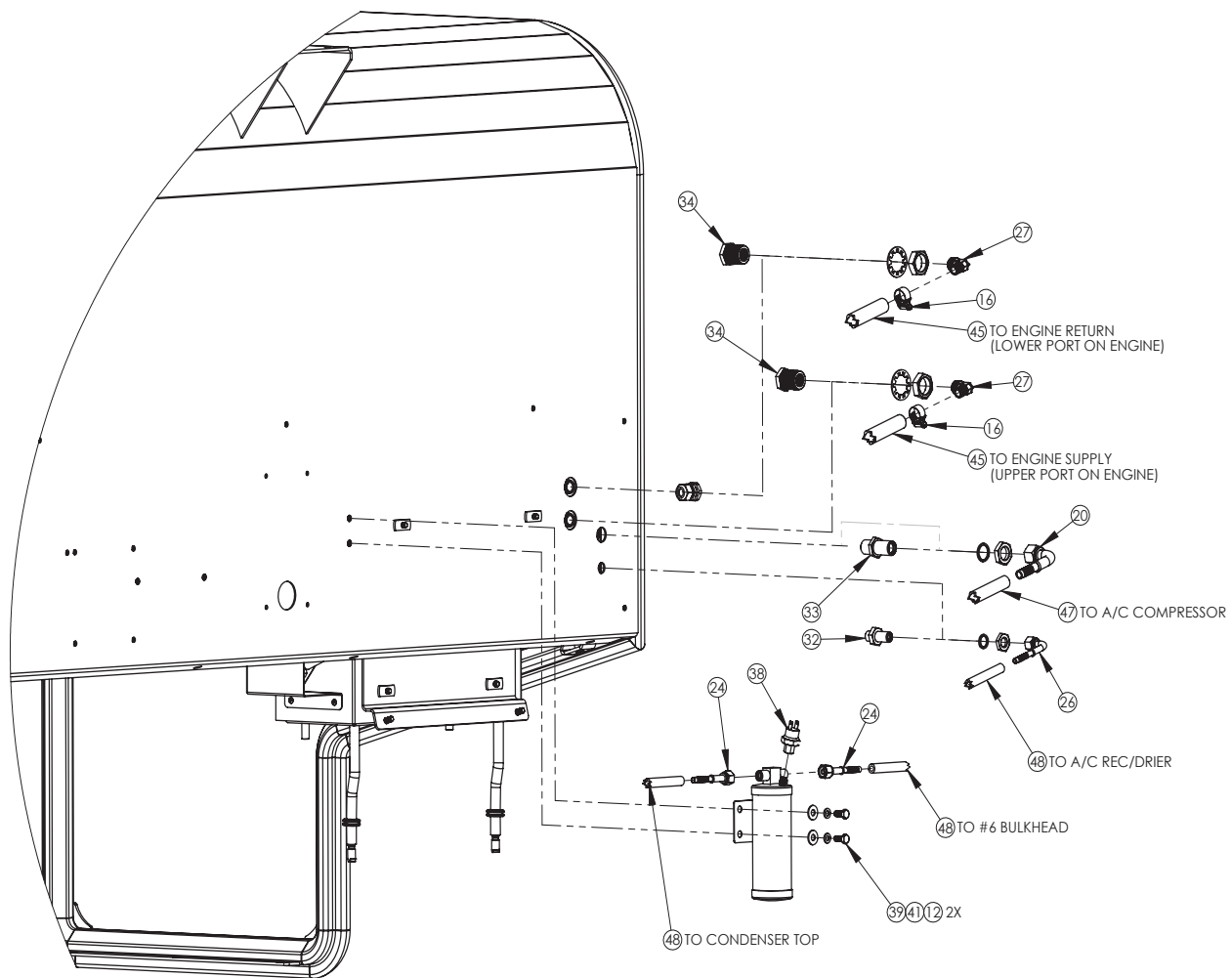
AIR CONDITIONING LEGEND

ITEM	QTY	PART#	DESCRIPTION
1	1	500292	BRKT: COMP MT DEERE
2	1	550204	BRKT: A/C MOUNT
3	1	550273	SHIELD: AC HOSE
4	1	P001632	AIR COND: EAGLE EE201-1-12
5	1	P001633	AIR COND: EAGLE CONDENSER
6	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
7*	1	P001635	CABARE PRESSURIZER* FILTER P/N BELOW
8	1	P001636	AIR COND: DEF LOUVER
9	1	P066202	BELT: A/C COMP DEERE
10	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
12	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
13	2	P103835	BOLT: METRIC M12-1.75 X 35
14	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
15	1	P117120	COMPRESSOR: AIR COND DENSO
16	8	P128712	CLAMP: HOSE, SIZE 12
17	2	P128748	CLAMP: HOSE, SIZE 48
18	4	P155350	NUT: HEX, 5/16 TOP-LOCK
19	2	P158010	NUT: HEX, #10-32 NYLOCK SS
20	2	P262110	FITTING: A/C #10 90 DEG FEM
21	2	P262112	FITTING: A/C #10 90 DEG MAL
22	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
23	1	P262121	FITTING: A/C #8 90 DEG MAL
24	2	P262140	FITTING: A/C #6 STR FEM
25	1	P262141	FITTING: A/C #6 90 DEG MAL
26	3	P262142	FITTING: A/C #6 90 DEG FEM
27	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
28	1	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
29	1	P267023	FITTING: M18MB 8FP
30	1	P267026	FITTING: M18MB-10MJ
31	1	P267027	FITTING: 10FJX HOSE BARB 45°
32	1	P267957	FITTING: A/C #6 BULKHEAD
33	1	P267958	FITTING: A/C #10 BULKHEAD
34	2	P268860	FITTING: 1/2"MPT BULKHEAD -BRASS
35	1	P276211	FITTING: 10MJ 10FJX90
36	1	P296600	CABLE GRIP: #1234N1203
37	2	P297625	GROMMET: 5/8 BORE
38	1	P298105	SWITCH: A/C BINARY PRESSURE
39	13	P850105	WASHER: FLAT 5/16" ZP
40	4	P851104	WASHER: LOCK 1/4"
41	17	P851105	WASHER: LOCK 5/16"
42	2	P851108	WASHER: LOCK 1/2" ZP
43	3 FT	R99000310	FOAM: TUBE INSULATION .63 ID
44	1	550269	HOSE: 3"ID X 2.5"L
45	25 FT	R99000707	HOSE: HEATER 5/8" ID
46	5 FT	R99000708	HOSE: A/C #8 BULK
47	8 FT	R99000709	HOSE: A/C #10 BULK
48	10 FT	R99000710	HOSE: A/C #6 BULK

* 71.P371391 CAB AIR PRESSURE FILTER

71.P001638 REPLACEMENT COVER

AIR CONDITIONING SCHEMATIC

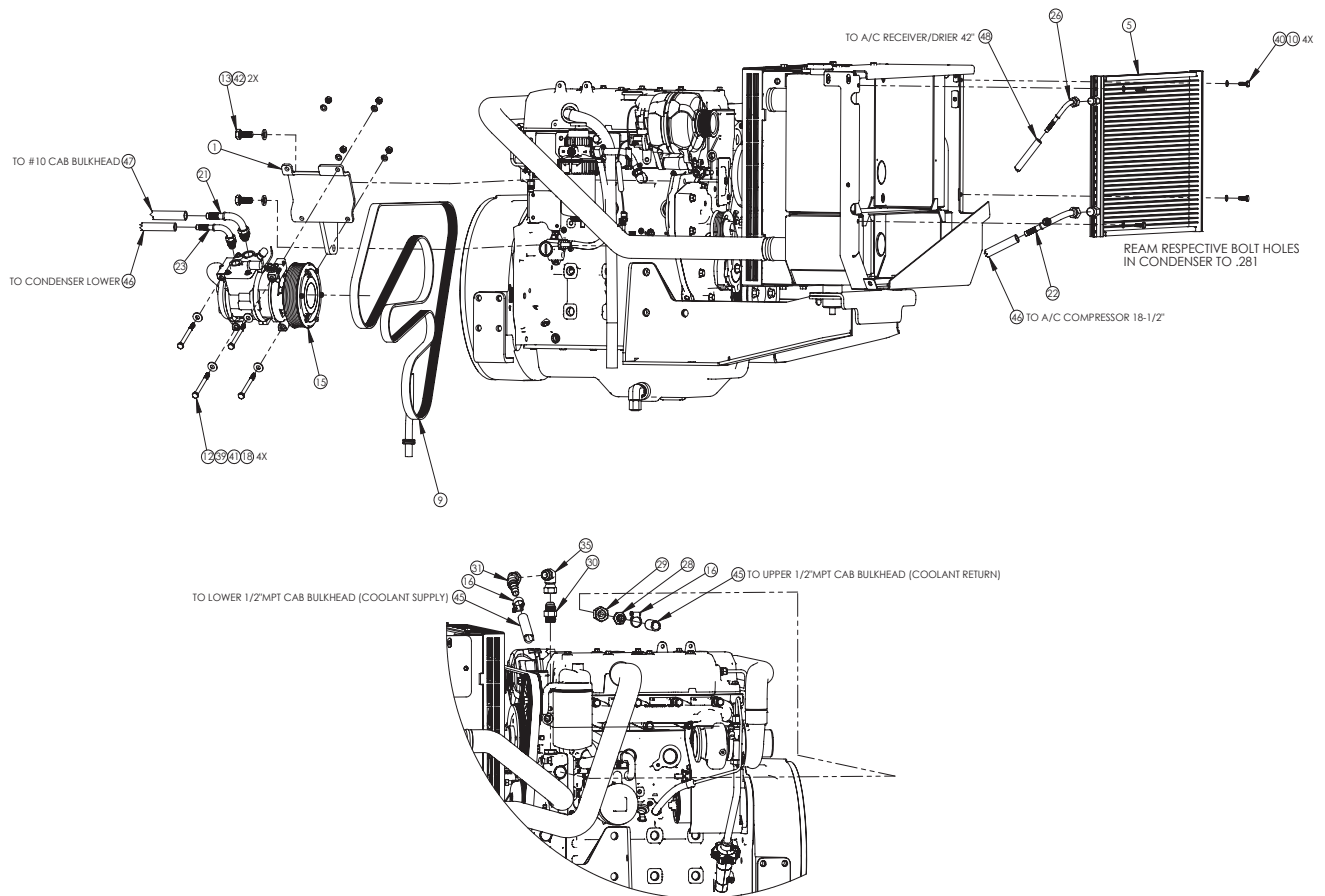


AIR CONDITIONING LEGEND

ITEM	QTY	PART#	DESCRIPTION
1	1	500292	BRKT: COMP MT DEERE
2	1	550204	BRKT: A/C MOUNT
3	1	550273	SHIELD: AC HOSE
4	1	P001632	AIR COND: EAGLE EE201-1-12
5	1	P001633	AIR COND: EAGLE CONDENSER
6	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
7*	1	P001635	CABARE PRESSURIZER* FILTER P/N BELOW
8	1	P001636	AIR COND: DEF LOUVER
9	1	P066202	BELT: A/C COMP DEERE
10	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
12	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
13	2	P103835	BOLT: METRIC M12-1.75 X 35
14	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
15	1	P117120	COMPRESSOR: AIR COND DENSO
16	8	P128712	CLAMP: HOSE, SIZE 12
17	2	P128748	CLAMP: HOSE, SIZE 48
18	4	P155350	NUT: HEX, 5/16 TOP-LOCK
19	2	P158010	NUT: HEX, #10-32 NYLOCK SS
20	2	P262110	FITTING: A/C #10 90 DEG FEM
21	2	P262112	FITTING: A/C #10 90 DEG MAL
22	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
23	1	P262121	FITTING: A/C #8 90 DEG MAL
24	2	P262140	FITTING: A/C #6 STR FEM
25	1	P262141	FITTING: A/C #6 90 DEG MAL
26	3	P262142	FITTING: A/C #6 90 DEG FEM
27	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
28	1	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
29	1	P267023	FITTING: M18MB 8FP
30	1	P267026	FITTING: M18MB-10MJ
31	1	P267027	FITTING: 10FJX HOSE BARB 45°
32	1	P267957	FITTING: A/C #6 BULKHEAD
33	1	P267958	FITTING: A/C #10 BULKHEAD
34	2	P268860	FITTING: 1/2"MPT BULKHEAD -BRASS
35	1	P276211	FITTING: 10MJ 10FJX90
36	1	P296600	CABLE GRIP: #1234N1203
37	2	P297625	GROMMET: 5/8 BORE
38	1	P298105	SWITCH: A/C BINARY PRESSURE
39	13	P850105	WASHER: FLAT 5/16" ZP
40	4	P851104	WASHER: LOCK 1/4"
41	17	P851105	WASHER: LOCK 5/16"
42	2	P851108	WASHER: LOCK 1/2" ZP
43	3 FT	R99000310	FOAM: TUBE INSULATION .63 ID
44	1	550269	HOSE: 3"ID X 2.5"L
45	25 FT	R99000707	HOSE: HEATER 5/8" ID
46	5 FT	R99000708	HOSE: A/C #8 BULK
47	8 FT	R99000709	HOSE: A/C #10 BULK
48	10 FT	R99000710	HOSE: A/C #6 BULK

* 71.371391 CAB AIR PRESSURE FILTER

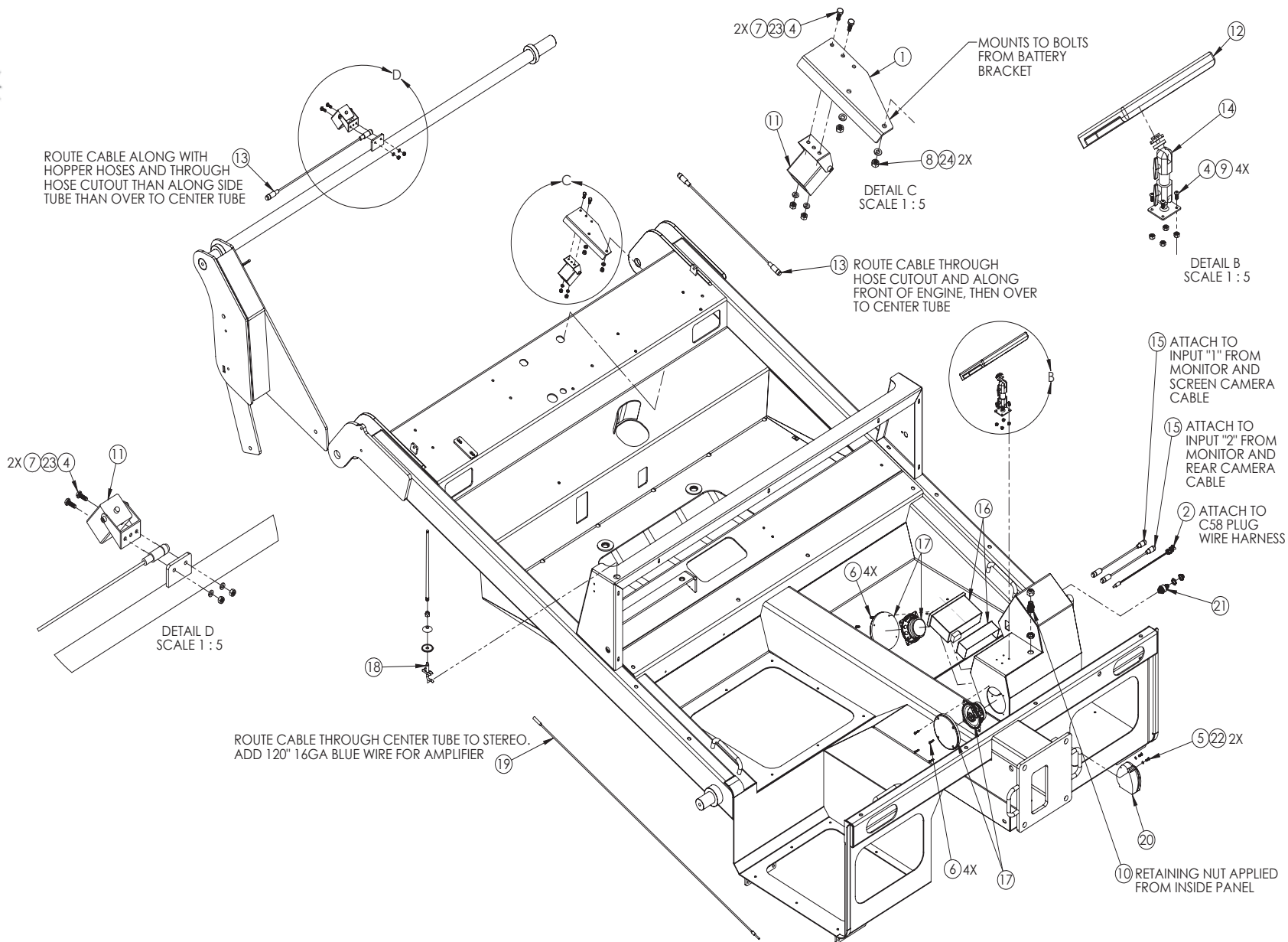
AIR CONDITIONING SCHEMATIC



AIR CONDITIONING LEGEND

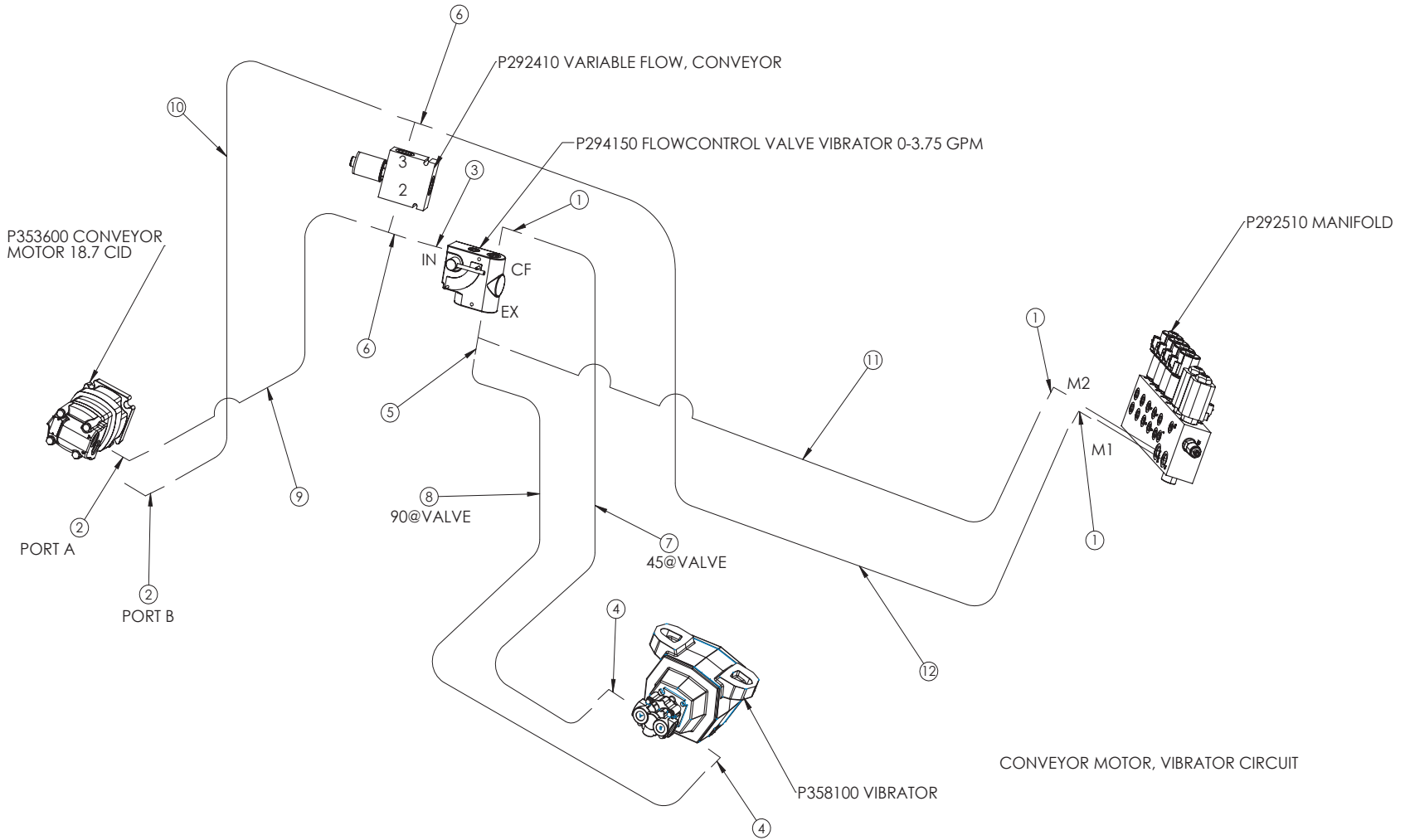
ITEM	QTY	PART#	DESCRIPTION
1	1	500292	BRKT: COMP MT DEERE
2	1	550204	BRKT: A/C MOUNT
3	1	550273	SHIELD: AC HOSE
4	1	P001632	AIR COND: EAGLE EE201-1-12
5	1	P001633	AIR COND: EAGLE CONDENSER
6	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
7*	1	P001635	CABARE PRESSURIZER* FILTER P/N BELOW
8	1	P001636	AIR COND: DEF LOUVER
9	1	P066202	BELT: A/C COMP DEERE
10	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
12	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
13	2	P103835	BOLT: METRIC M12-1.75 X 35
14	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
15	1	P117120	COMPRESSOR: AIR COND DENSO
16	8	P128712	CLAMP: HOSE, SIZE 12
17	2	P128748	CLAMP: HOSE, SIZE 48
18	4	P155350	NUT: HEX, 5/16 TOP-LOCK
19	2	P158010	NUT: HEX, #10-32 NYLOCK SS
20	2	P262110	FITTING: A/C #10 90 DEG FEM
21	2	P262112	FITTING: A/C #10 90 DEG MAL
22	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
23	1	P262121	FITTING: A/C #8 90 DEG MAL
24	2	P262140	FITTING: A/C #6 STR FEM
25	1	P262141	FITTING: A/C #6 90 DEG MAL
26	3	P262142	FITTING: A/C #6 90 DEG FEM
27	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
28	1	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
29	1	P267023	FITTING: M18MB 8FP
30	1	P267026	FITTING: M18MB-10MJ
31	1	P267027	FITTING: 10FJX HOSE BARB 45°
32	1	P267957	FITTING: A/C #6 BULKHEAD
33	1	P267958	FITTING: A/C #10 BULKHEAD
34	2	P268860	FITTING: 1/2"MPT BULKHEAD -BRASS
35	1	P276211	FITTING: 10MJ 10FJX90
36	1	P296600	CABLE GRIP: #1234N1203
37	2	P297625	GROMMET: 5/8 BORE
38	1	P298105	SWITCH: A/C BINARY PRESSURE
39	13	P850105	WASHER: FLAT 5/16" ZP
40	4	P851104	WASHER: LOCK 1/4"
41	17	P851105	WASHER: LOCK 5/16"
42	2	P851108	WASHER: LOCK 1/2" ZP
43	3 FT	R99000310	FOAM: TUBE INSULATION .63 ID
44	1	550269	HOSE: 3"ID X 2.5"L
45	25 FT	R99000707	HOSE: HEATER 5/8" ID
46	5 FT	R99000708	HOSE: A/C #8 BULK
47	8 FT	R99000709	HOSE: A/C #10 BULK
48	10 FT	R99000710	HOSE: A/C #6 BULK

* 71.371391 CAB AIR PRESSURE FILTER



CAMERA, HORN & RADIO SYSTEM LEGEND

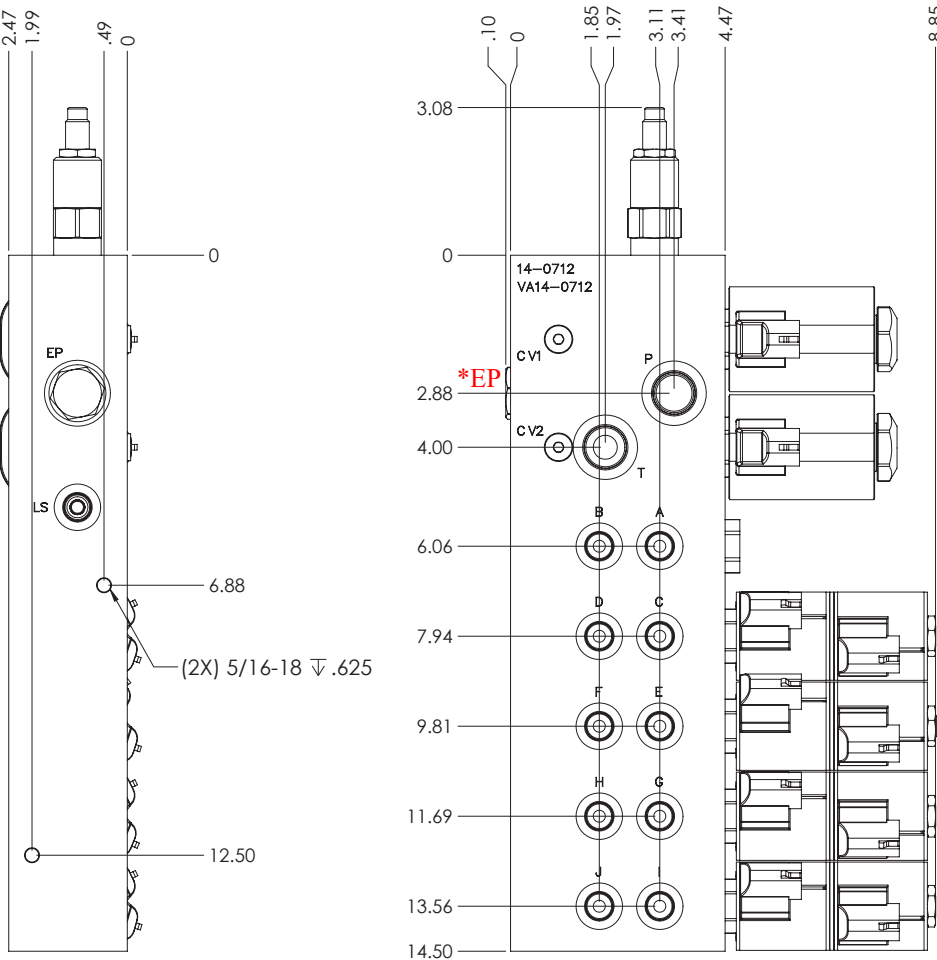
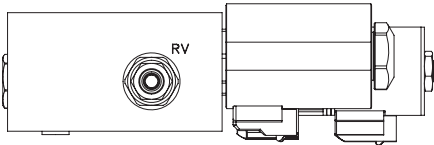
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550277	BRACKET, CAMERA MOUNT
2	1	550278	CABLE: VIDEO POWER LEAD
4	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
4	4	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
5	2	P106105	SCREW: BHSCS 10-32 X 5/8 SS
6	8	P111106	SCREW: MACHINE #8-32 X 3/4" PHP
7	4	P155250	NUT: HEX, 1/4" TOP-LOCK
8	2	P155350	NUT: HEX, 5/16 TOP-LOCK
9	4	P158010	NUT: HEX, #10-32 NYLOCK SS
10	1	P296600	CABLE GRIP: #1234N1203
11	2	P296872	CAMERA; VSS 700 RES HD
12	1	P296873	MONITOR, QUADVIEW 10"
13	2	P296874	CABLE: VIDEO 25 FOOT
14	1	P296876	BASE: PANA VISE MOUNT
15	2	P296878	CABLE: ADAPTER 4 TO 5 PIN
16	1	P296890	STEREO: AM-FM
17	2	P296891	SPEAKER: BOSS CH4230
18	1	P296892	ANTENNA: AMPLIFIED RUBBER
19	1	P296893	CABLE: ANTENNA EXT
20	1	P296894	HORN: COMPACT ELECTRIC
21	1	P298171	SWITCH: PUSH BUTTON MOMENTARY
22	2	P851103	WASHER: LOCK 3/16"
23	4	P851104	WASHER: LOCK 1/4"
24	2	P851105	WASHER: LOCK 5/16"



CONVEYOR, VIBRATORY CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	3	P276202	FITTING, 10MJ 10MB90
2	2	P276201	FITTING, 10MJ 10MB45
3	1	P276444	FITTING, 10MB 10FJX
4	2	P261010	FITTING, 8MJ 8MB90
5	1	P265702	FITTING, 10MJ 10MB 10MJ
6	2	P265703	FITTING, 10MJ 10MJ 10MB
7	1	P234086	HOSE, 8AM X 86 8FJX 10FJX45
8	1	P234985	HOSE, 8AM X 85 8FJX 10FJX90
9	1	P235030	HOSE, 10AM X 30 10FJX 10FJX
10	1	P235034	HOSE, 10AM X 34 10FJX 10FJX
11	1	P235064	HOSE, 10AM X 64 10FJX 10FJX
12	1	P235058	HOSE, 10AM X 58 10FJX 10FJX

CBC P/N: 71.P292510
MODEL 5500 MAIN HYDRAULIC VALVE



WORK PORTS:
M1, M2 - CONVEYOR, FORWARD/REVERSE (SV1 FWD / SV2 REV)
A+B - DISABLED (SV3)
C+D - DIGGER LIFT, RAISE/LOWER PROPORTIONAL (SV4)
E+F - HOPPER LIFT, RAISE/LOWER (SV5)
G+H - HOPPER DUMP, OPEN/CLOSE (SV6)
I+J - GROOMER, RAISE/LOWER (SV7)

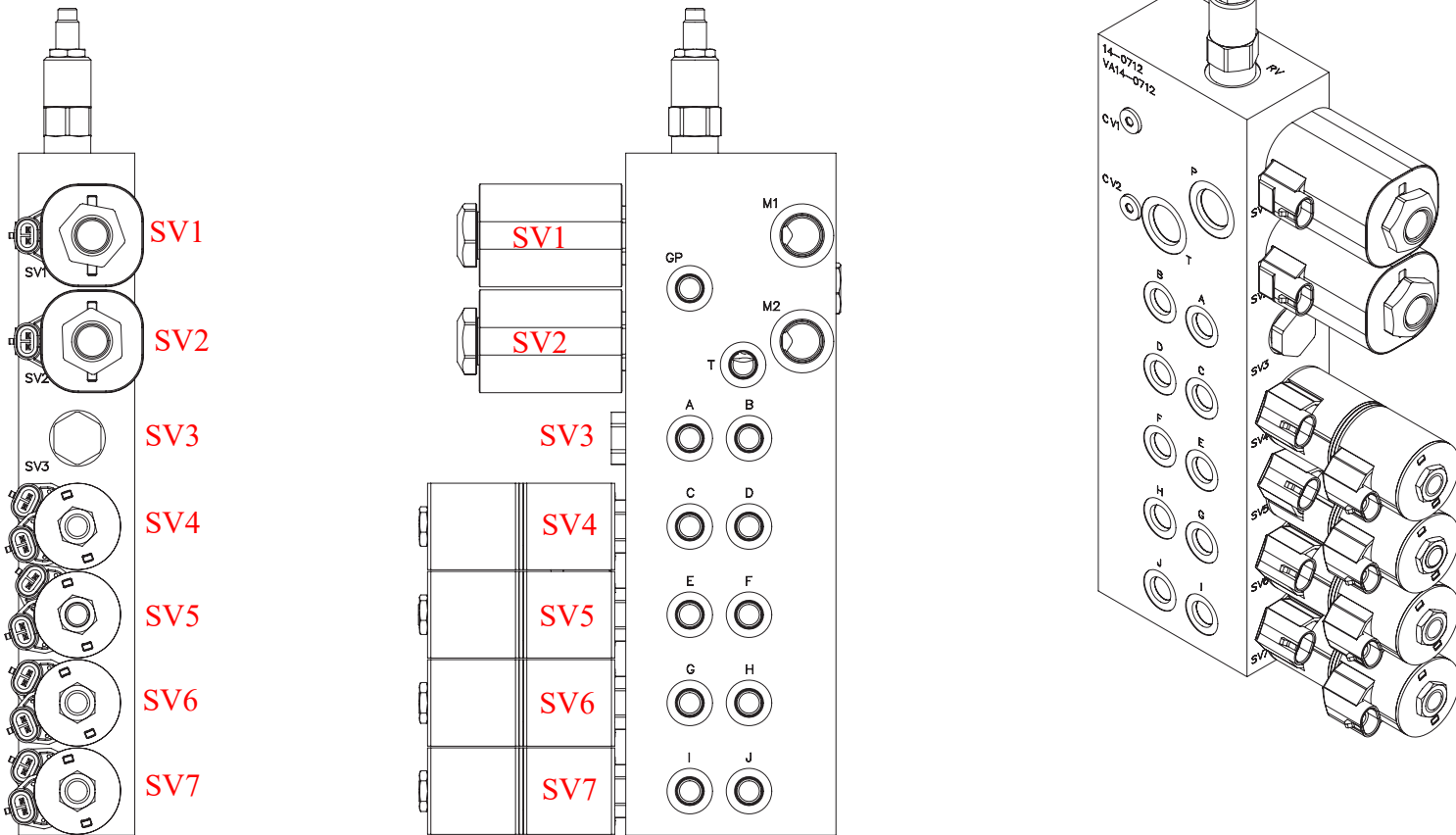
NOTES:
1. PORT SIZES:
SAE #06, 9/16-18 THREAD: GP,LS,T,A-J
SAE #10, 7/8-14 THREAD: P,T,M1,M2
2. BODY MATERIAL: 6061-T6 ALUMINUM, GOLD ANODIZE

RELIEF VALVE PRESSURE SETTING: 2800 PSI (193 BAR)

LOCATION	CARTRIDGE P/N	COIL P/N	SEAL KIT P/N
SV1	71.P291122	71.P291120	71.P291123
SV2	71.P291122	71.P291120	71.P291123
SV3	NA	NA	NA
SV4	71.P291105	71.P291110	71.P291117
SV5	71.P291111	71.P291110	71.P291117
SV6	71.P292402	71.P291110	71.P291117
SV7	71.P292402	71.P291110	71.P291117

RV (relief valve) 71.P292401
EP (EP valve) 71.P291113
GP (gauge port) 71.P276290 (diagnostic test / gauge port)

***SV4 - SV7 EQUIPPED WITH IDENTICAL TOP AND BOTTOM "E" COIL**



WORK SECTION LOCATION FUNCTION:		
SV1	CONVEYOR FORWARD	
SV2	CONVEYOR REVERSE	
SV3	NOT USED	
SV4	DIGGER POINT LIFT / LOWER	TOP COIL: LOWER BOTTOM COIL: LIFT
SV5	HOPPER BOOM LIFT / LOWER	TOP COIL: LOWER BOTTOM COIL: LIFT
SV6	HOPPER DOOR OPEN / CLOSE	TOP COIL: CLOSE BOTTOM COIL: OPEN
SV7	GROOMER LIFT / LOWER	TOP COIL: LOWER BOTTOM COIL: LIFT

F

E

D

C

B

A

8

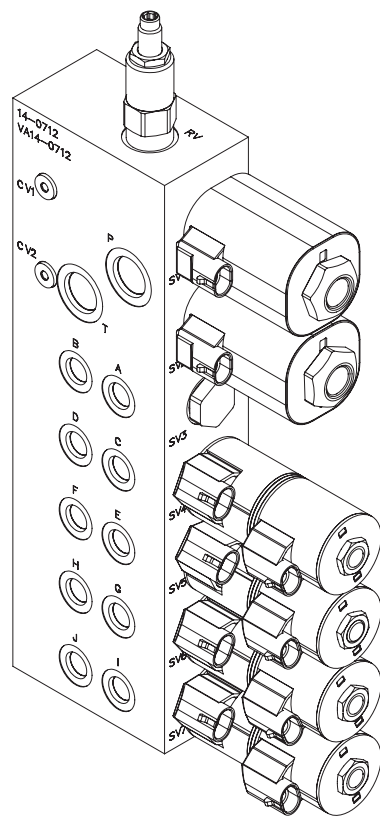
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6

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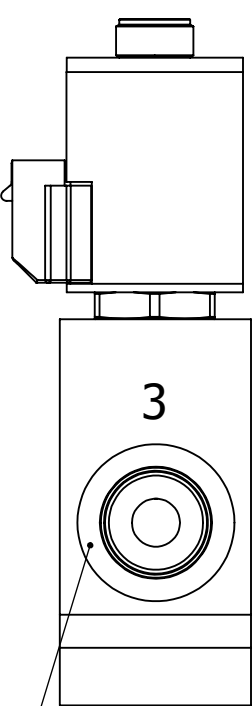
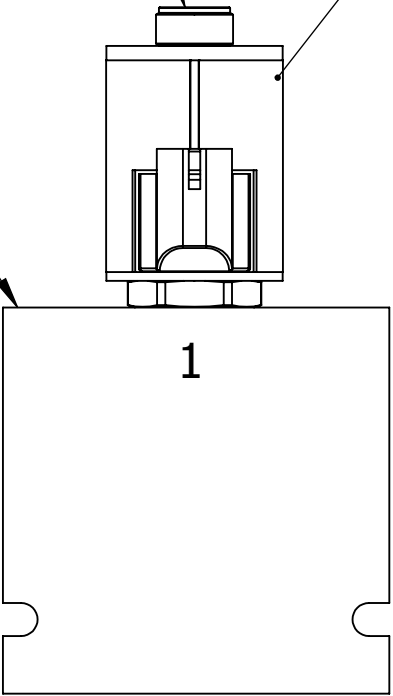
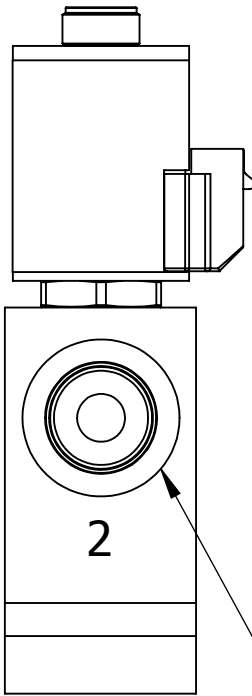


71.P292410 CONVEYOR SPEED PROPORTIONAL VALVE ASSEMBLY

COMPLETE VALVE ASSEMBLY
CBC P/N: 71.P292410

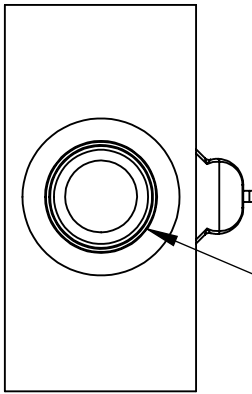
CARTRIDGE SPOOL VALVE CARTRIDGE SPOOL SEAL KIT
CBC P/N: 71.P292416 CBC P/N: 71.P291123

12V PROPORTIONAL COIL
CBC P/N: 71.P292415

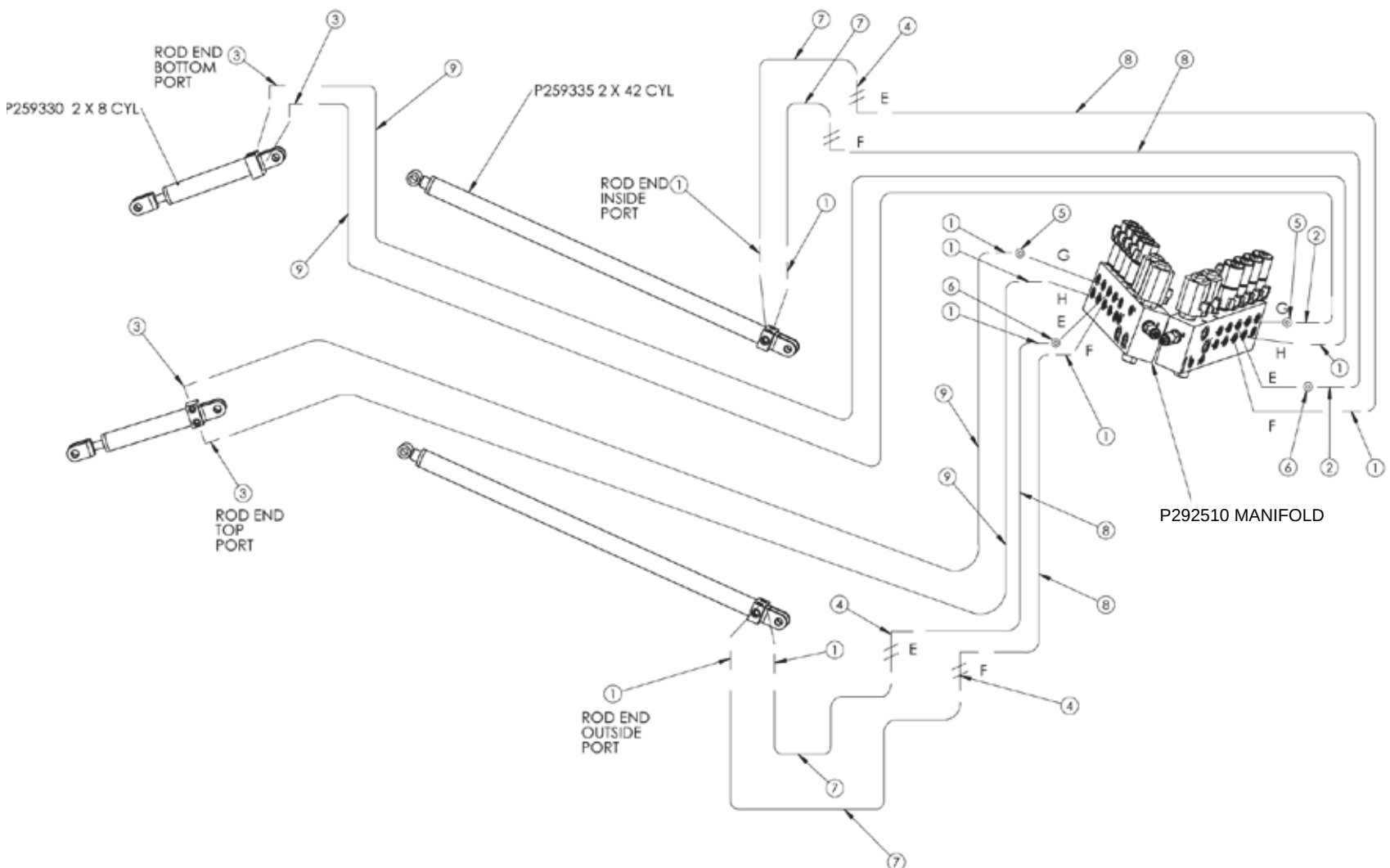


-10 O RING PORT

-10 ORING PORT
CONTROLLED FLOW



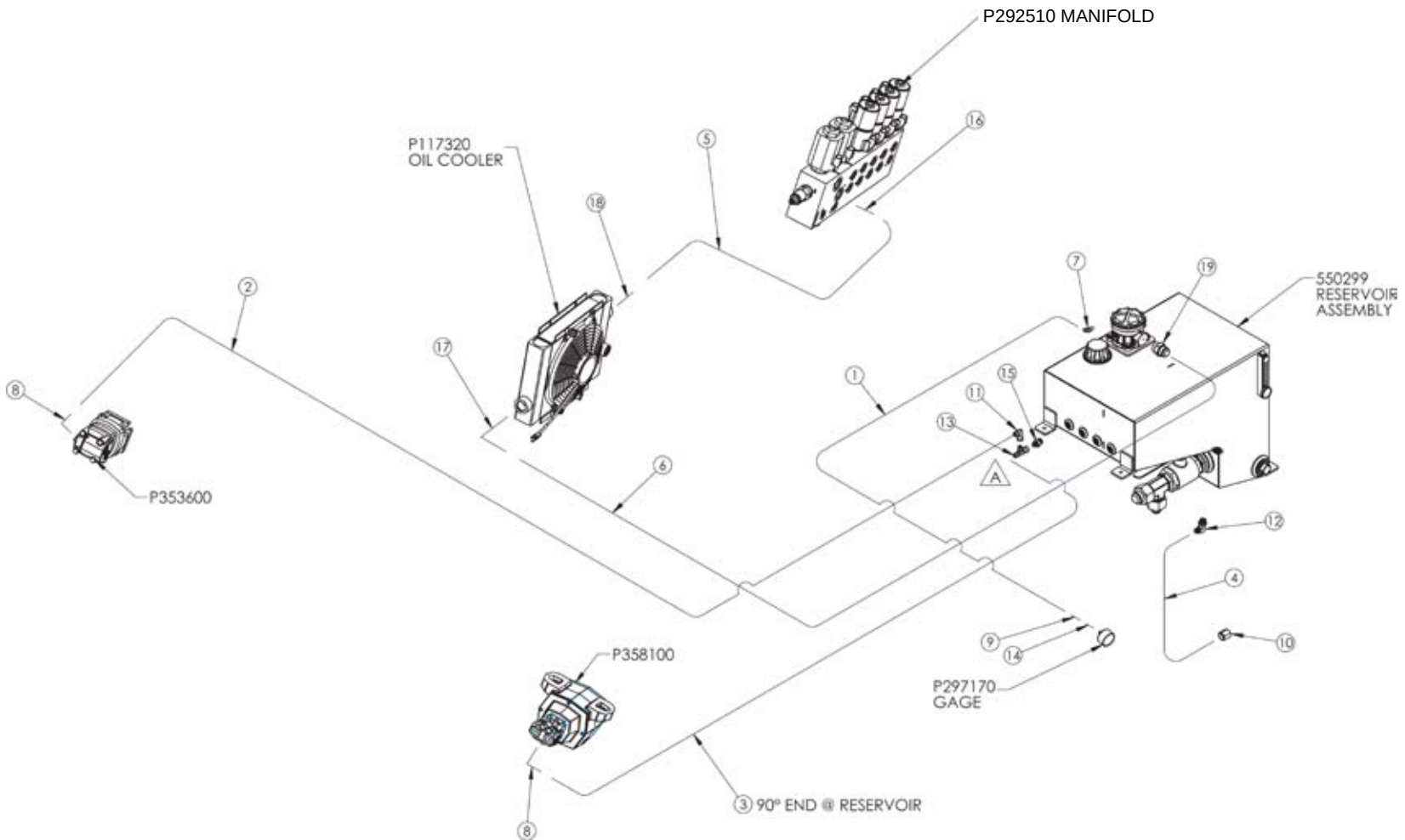
BOTTOM PORT PLUGGED



HIGH LIFT CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	10	P276101	FITTING, 6MJ 6MB
2	2	P276100	FITTING, 6MJ 6MB LONG
3	4	P261350	FITTING, 6MJ 6MB 90
4	4	P265410	FITTING, 6MJ 6MJ90 BLK HD
5	2	P276107	ORIFICE DISC .062
6	2	P276108	ORIFICE DISC .110
7	4	P233918	HOSE, 6AM X 18 6FJX 6FJX90
8	4	P233083	HOSE, 6AM X 83 6FJX 6FJX90
9	4	P233188	HOSE, 6AM X 188 6FJX 6FJX90

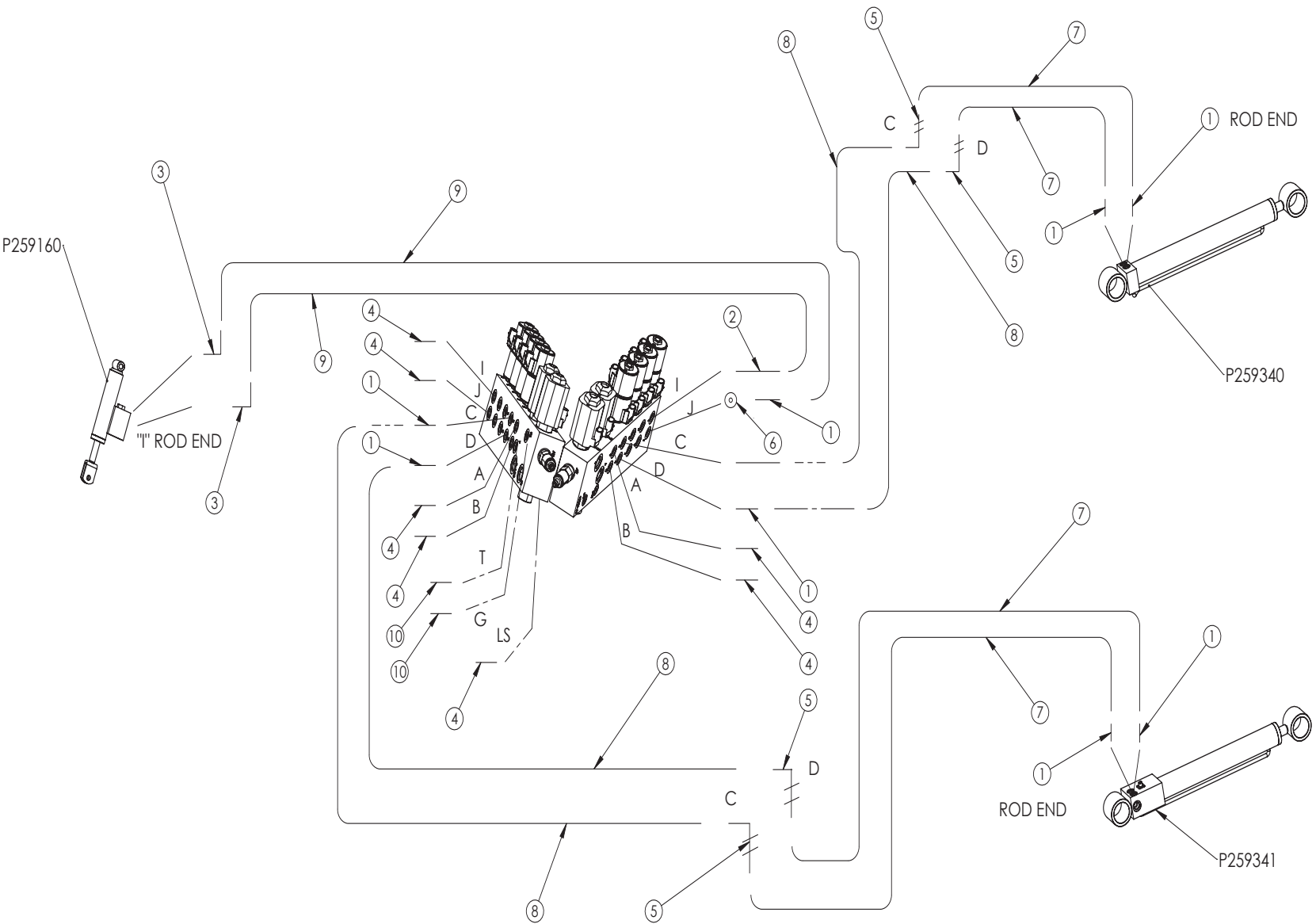
CASE DRAIN, COOLER AND FILTER CIRCUIT SCHEMATIC



CASE DRAIN, COOLER AND FILTER CIRCUIT LEGEND

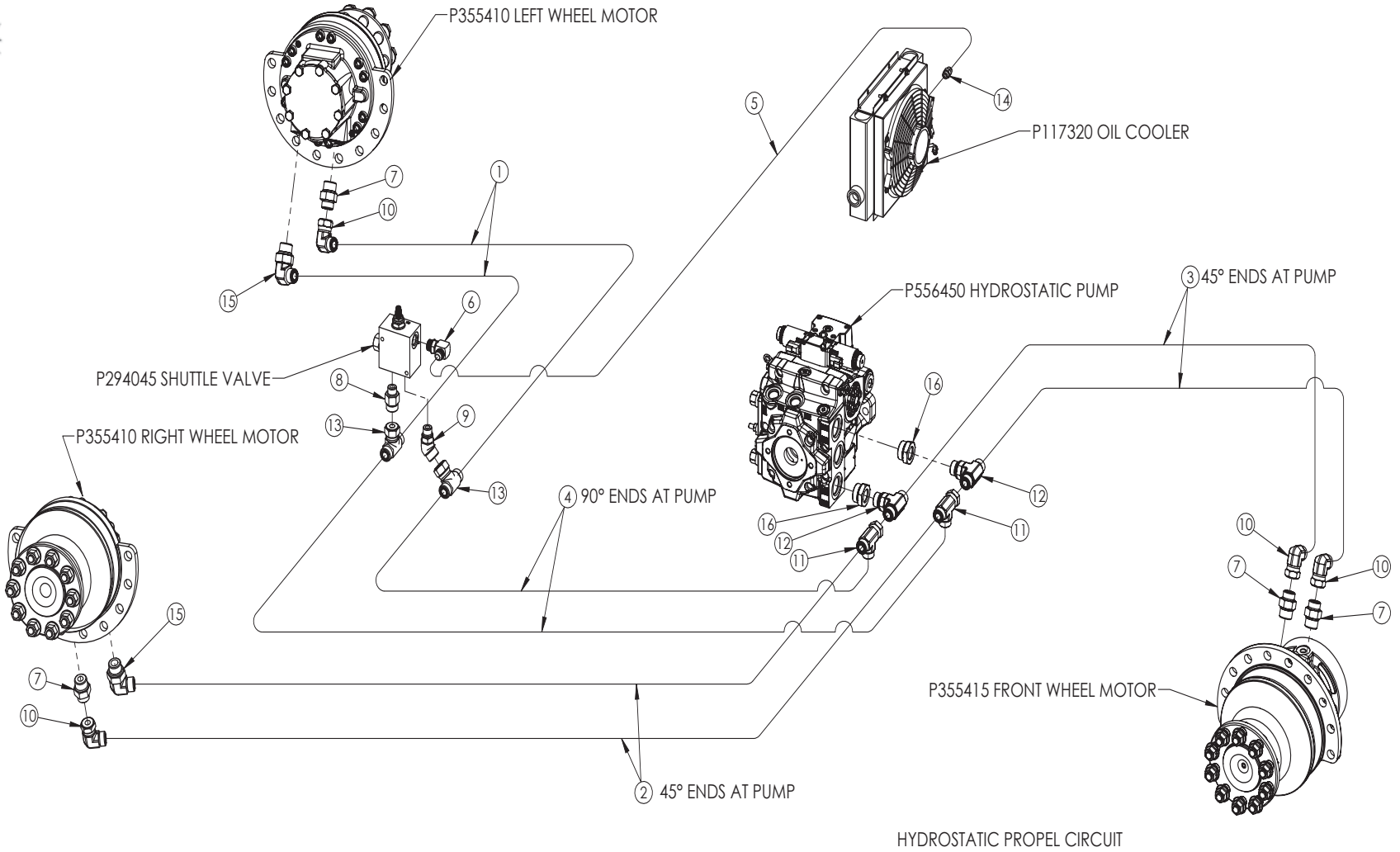
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	P232026	HOSE, 4AM X 26 4FJX 4FJX
2	1	P232089	HOSE, 4AM X 89 4FJX 6FJX90
3	1	P232092	HOSE, 4AM X 92 4FJX 6FJX90
4	1	P233060	HOSE, 6AM X 60 6FJX 6MJ
5	1	P236026	HOSE, 12AM X 26 12FJX 12FJX90
6	1	P238031	HOSE, 16AM X 31 16FJX 16FJX90
7	1	P261390	FITTING, 4MJ 2MP90
8	2	P261400	FITTING, 4MJ 4MB 90
9	1	P261415	FITTING, 4MJ 4MP
10	1	P261509	FITTING, 6FJ CAP
11	1	P261528	FITTING: 6MJ 6FJX90
12	1	P261530	FITTING, 6MJ 8MB 90
13	1	P265455	FITTING, 6MJ 6FJX 6MJ
14	1	P267315	FITTING, 4FP 2FP
15	1	P276110	FITTING, 6MJ 8MB
16	1	P276440	FITTING, 12MJ 10MB
17	1	P276700	FITTING, 16MJ 16MB 90
18	1	P277100	FITTING, 12MJ 16MB
19	1	P277110	FITTING, 16MJ 16MB

DEPTH AND GROOMER CIRCUIT SCHEMATIC



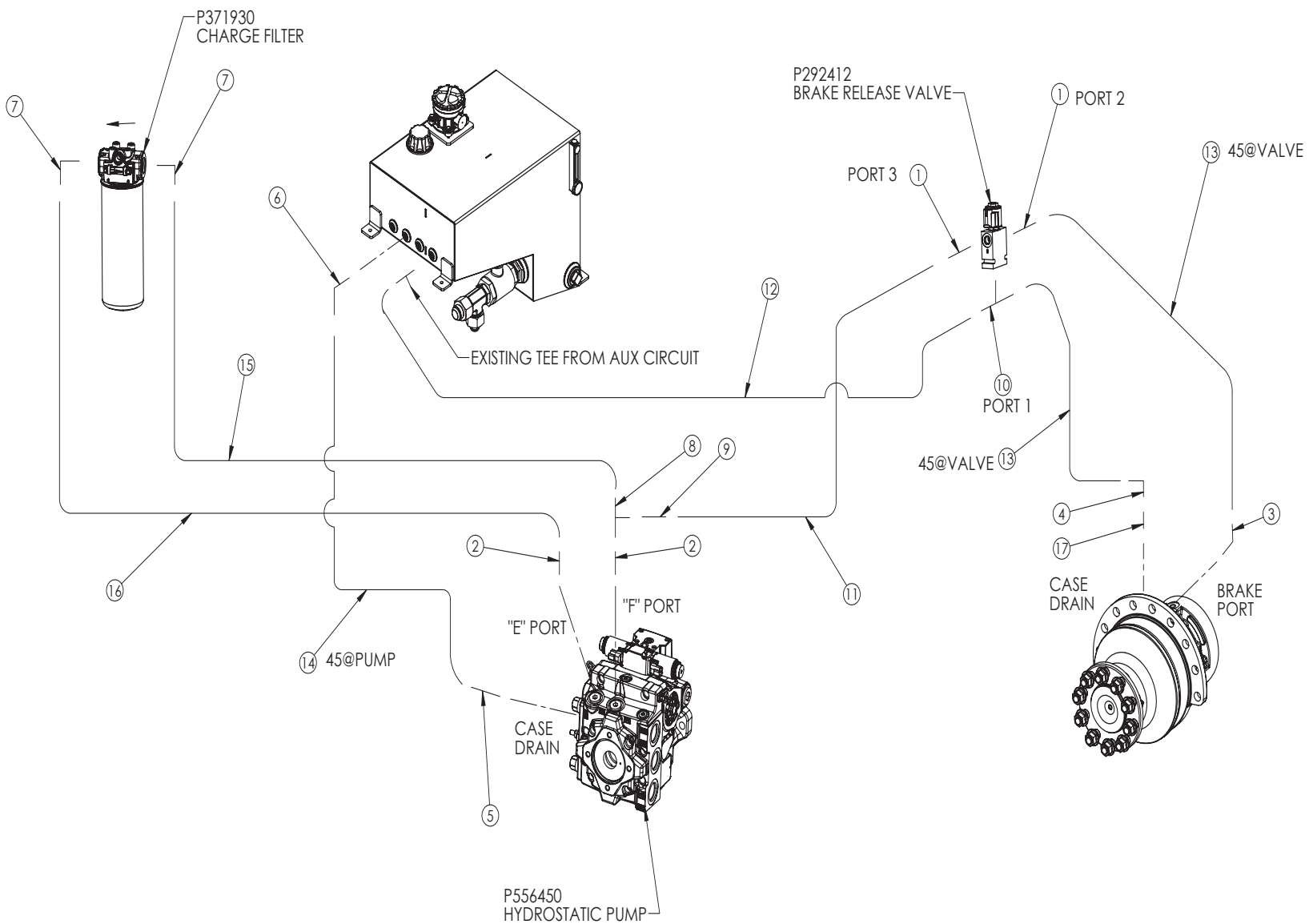
DEPTH AND GROOMER CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	8	P276101	FITTING, 6MJ 6MB
2	2	P276100	FITTING, 6MJ 6MB LONG
3	2	P261400	FITTING, 4MJ 4MB 90
4	7	P270906	FITTING, 6MB PLUG
5	4	P265410	FITTING, 6MJ 6MJ90 BLK HD
6	1	P276107	ORIFACE DISC .062
7	4	P233918	HOSE, 6AM X 18 6FJX 6FJX90
8	4	P233101	VALVE, PILOT CHECK
9	2	P232133	HOSE, 4AM X 133 4FJX 6FJX90
10	2	P276290	DIAGONSTIC NIPPLE 6MB



HYDROSTATIC PROPEL CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	P225019	HOSE: 787TC-10 X 19" 10FST 10FST
2	2	P225119	HOSE, 10 787TC X 119 10FST 10FS45
3	2	P225161	HOSE, 10 787TC X 161 10FST 10FS45
4	2	P225175	HOSE, 10 787TC X 175 10FST 10FS90
5	1	P234145	HOSE: AM-8 X 145" 8FJX 8FJX
6	1	P261010	FITTING: 8MJ 8MB90
7	4	P276220	FITTING, 10MFF 12MOR STR
8	1	P276223	FITTING: 10MFF 8MB
9	1	P276224	FITTING: 10MFF 8MB45
10	4	P276230	FITTING, 10MFF 10 FFF90
11	2	P276240	FITTING, 10MFF 10FFF 10MFF
12	2	P276241	FITTING, 10MFF 10MFF 10MOR
13	2	P276242	FITTING: 10MFF 10MFF 10FFF
14	1	P276310	FITTING: 8MJ 8MB
15	2	P276331	FITTING, 10MFF 12MOR90
16	2	P277090	FITTING, 16MB 10FB

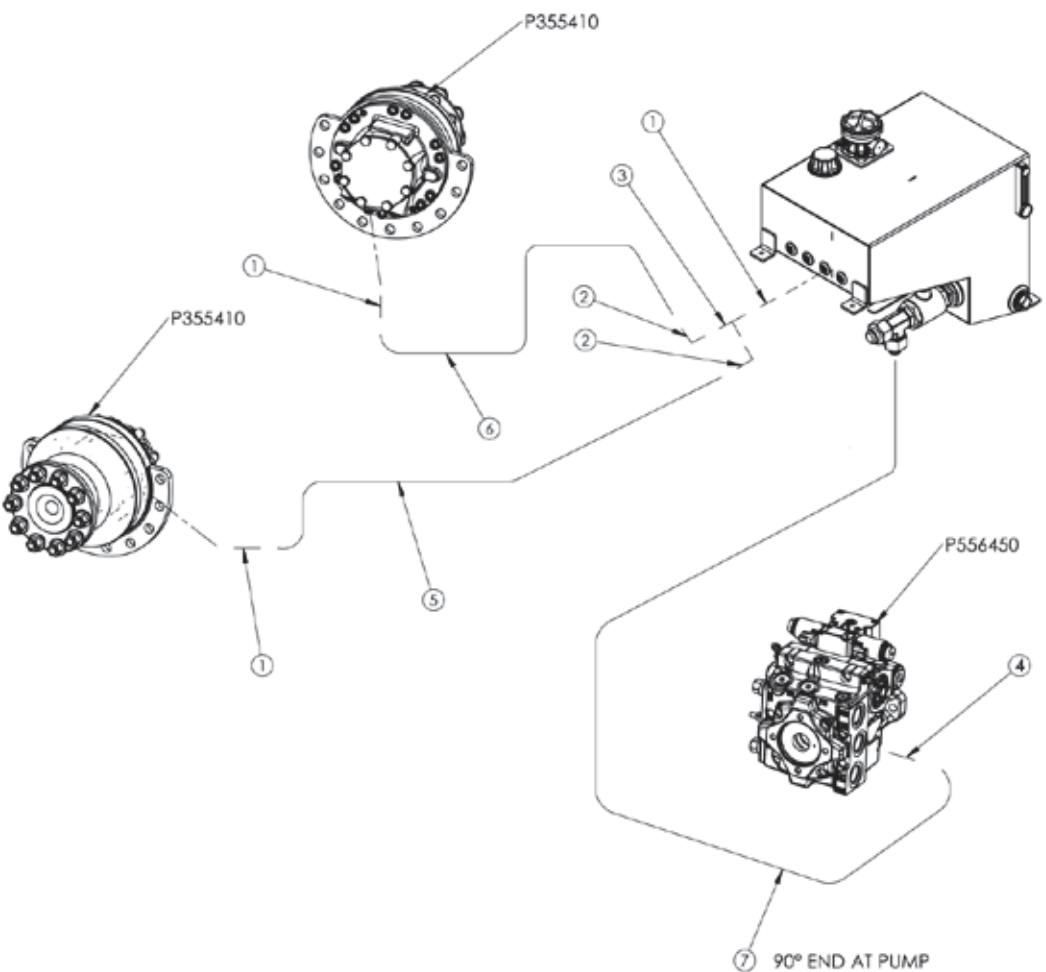
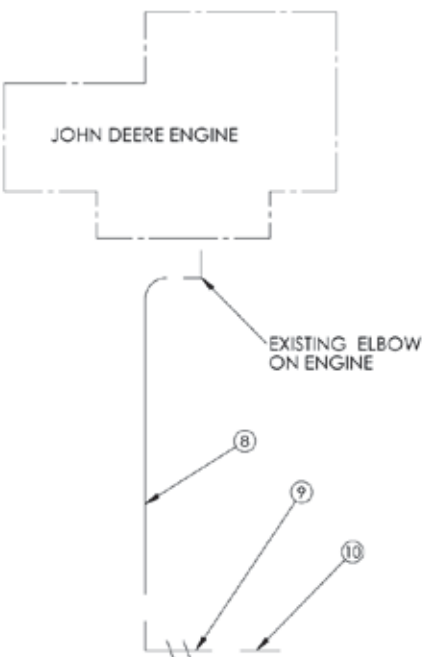


CHARGE/BRAKE AND CASE DRAIN CIRCUIT SCHEMATIC

CHARGE/BRAKE AND CASE DRAIN CIRCUIT LEGEND

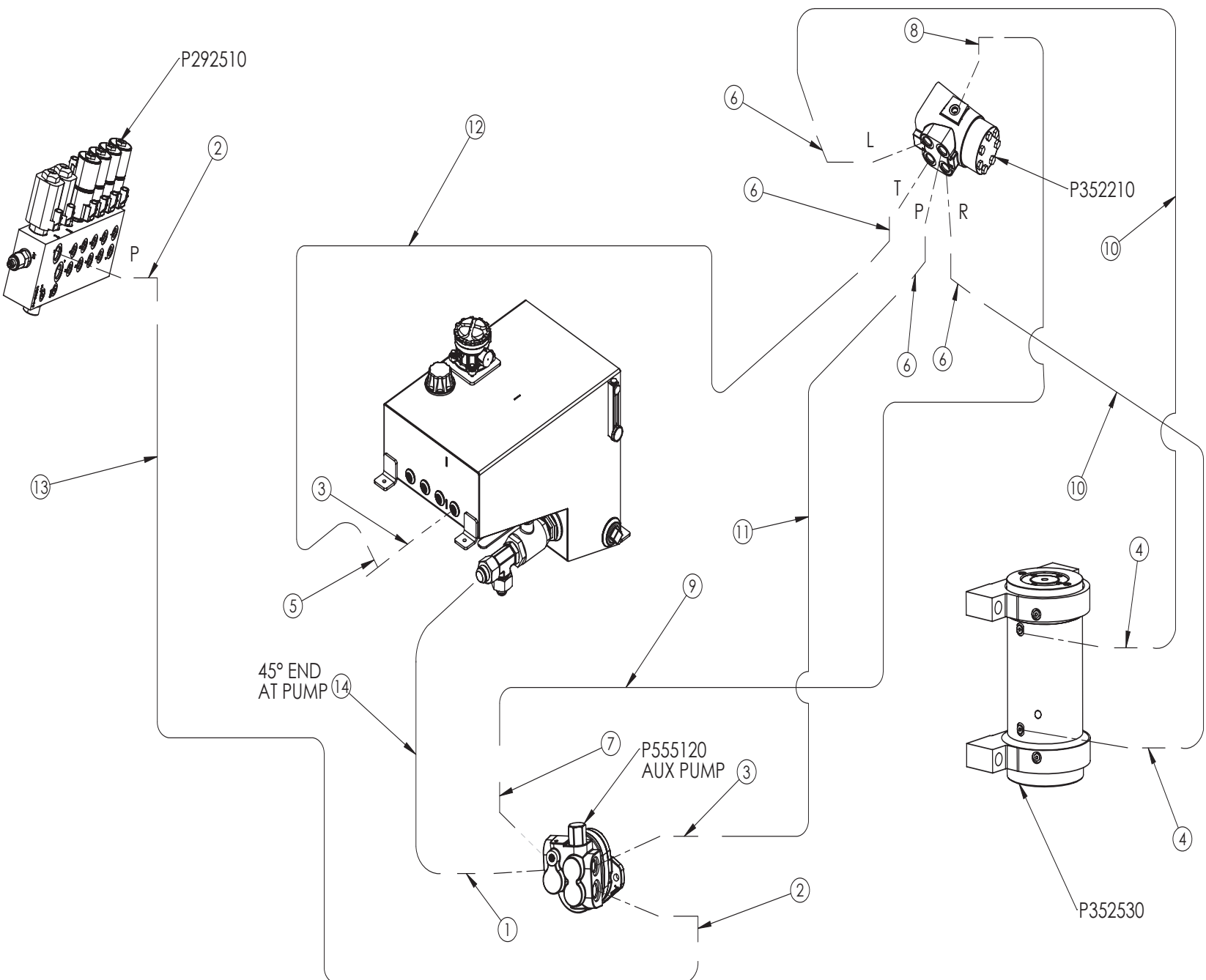
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	P276101	FITTING, 6MJ 6MB
2	2	P276200	FITTING, 10MJ 10MB
3	1	P261350	FITTING, 6MJ 6MB90
4	1	P261535	FITTING, 6MJ 8MB45
5	1	P276456	FITTING, 8MJ 12MB
6	1	P261528	FITTING, 6MJ 6FJ90
7	2	P276505	FITTING, 10MJ 12MB90
8	1	P265700	FITTING, 10MJ 10FJX 10MJ
9	1	P261516	FITTING, 6MJ 10FJ
10	1	P265500	FITTING, 6MJ 6MJ 6MB
11	1	P232042	HOSE, 4AM X 42 6FJX 6FJX
12	1	P233058	HOSE, 6AM X 58 6FJX 6FJX90
13	2	P233148	HOSE, 6AM X 148 6FJX 6FJX45
14	1	P234028	HOSE, 8AM X 28 8FJX 8FJX45
15	1	P235047	HOSE, 10AM X 47 10FJX 10FJX90
16	1	P235050	HOSE, 10AM X 50 10FJX 10FJX90
17	1	P276110	FITTING, 6MJ 8MB

SUCTION, CASE AND ENGINE DRAIN CIRCUIT SCHEMATIC



SUCTION, CASE AND ENGINE DRAIN CIRCUIT LEGEND

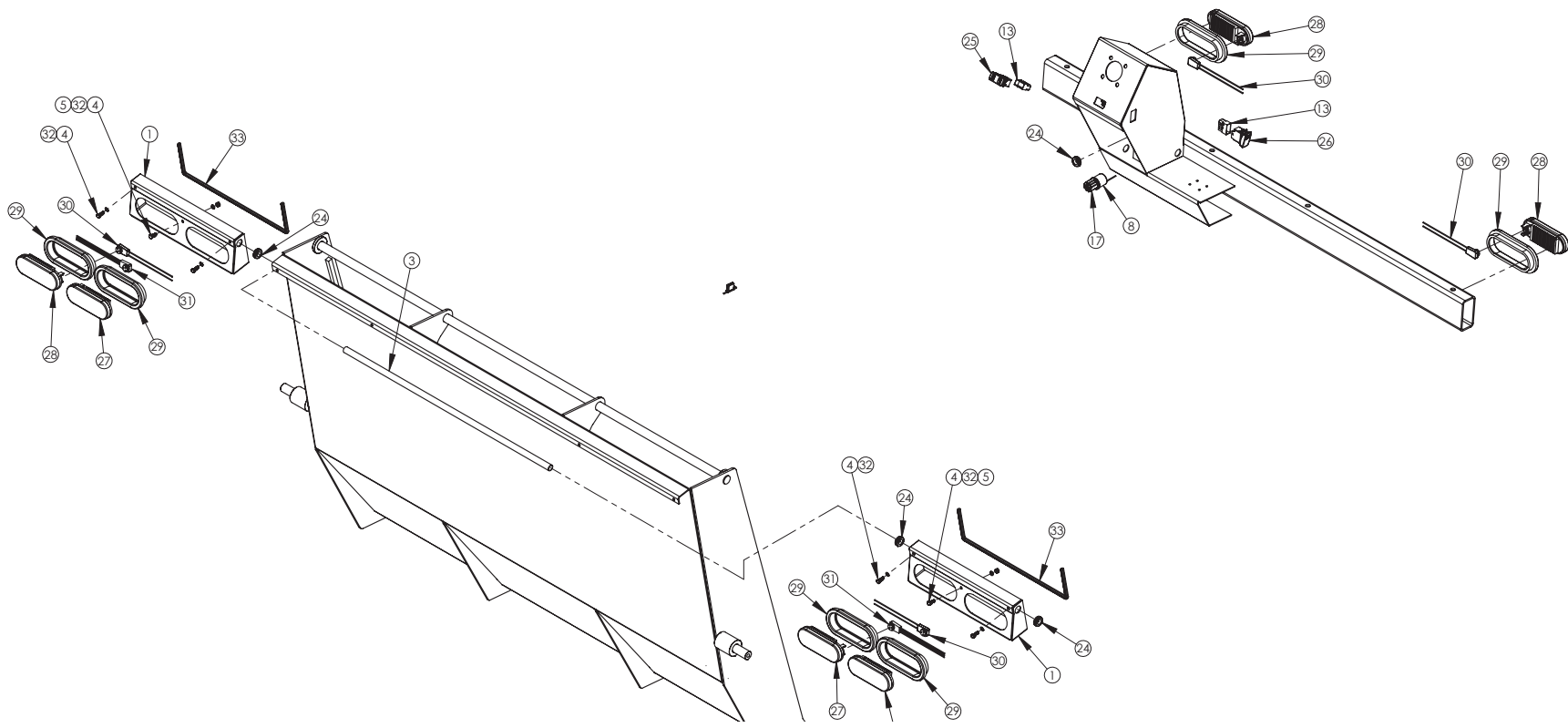
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	3	P276110	FITTING, 6MJ 8MB
2	2	P261528	FITTING, 6MJ 6FJX90
3	1	P265455	FITTING, 6MJ 6FJX 6MJ
4	1	P277110	FITTING, 16MJ 16MB
5	1	P233098	HOSE, 6AM X 98 6FJX JFJX90
6	1	P233153	HOSE, 6AM X 153 6FJX 6FJX90
7	1	P288033	HOSE, C416 SUCTION X 33 16FJX 16FJX90
8	1	P234073	HOSE 8AM X 73 8FJX 8FJX90
9	1	P265412	FITTING, 8MJ 8MJ90 BLK HD
10	1	P267105	FITTING, 8FJ CAP



AUXILIARY PUMP AND STEERING CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	P277150	FITTING 20MJ 16MB
2	2	P276202	FITTING, 10MJ 10MB90
3	2	P276110	FITTING, 6MJ 8MB
4	2	P276406	FITTING, 6MJ 4MB
5	1	P265455	FITTING, 6MJ 6FJX 6MJ
6	4	P261535	FITTING, 6MJ 8MB45
7	1	P261420	FITTING, 4MJ 4MB45
8	1	P261400	FITTING, 4MJ 4MB90
9	1	P278005	FITTING, 8MB PLUG
10	1	P232151	HOSE, 4AM X151 4FJX 4FJX
11	2	P233069	HOSE, 6AM X 69 6FJX 6FJX90
12	1	P233129	HOSE, 6AM X 129 6FJX 6FJX
13	1	P233155	HOSE, 6AM X 155 6FJX 6FJX90
14	1	P235046	HOSE, 10AM X 46 10FJX 10FJX90
15	1	P289038	HOSE, C420 SCN X 38 20FJX 20FJX45

HAZARD LIGHT PACKAGE SCHEMATIC



HAZARD LIGHT PACKAGE LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	550352	WLDT: LIGHT BRKT REAR
2	1	550385	HARNESS: ROAD LIGHTS
3	1	550388	TUBE: HARNESS HOLDER
4	6	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
5	2	P150400	NUT: HEX, 1/4" PLATED
6	2	P270314	PLUG: 2 CONT WP SHROUD
7	2	P270315	PLUG: 2 CONT WP TOWER
8	1	P271551	FLASHER: 12V LED 25A
9	1	P295041	FUSE: 10 AMP ATO/ATC
10	2	P295060	CONNECTOR: 3P WP SHROUD
11	2	P295061	CONNECTOR: 3P WP TOWER
12	1	P295062	CONNECTOR: 1P WP SHROUD
13	2	P295123	CONNECTOR: SVR SWITCH
14	9	P295124	TERM: SVR CONNECTOR
15	9	P295125	SEAL: WIRE SVR CONNECTOR
16	11	P295126	SEAL: CAVITY PLUG SVR
17	1	P295127	CONNECTOR: RELAY #75281
18	21	P295811	SEAL: CABLE - GREEN 18/16 GA
19	14	P297526	TERM: RING, 1/4", 14 GA
20	10	P297536	TERMINAL, FEMALE 31035
21	11	P297537	TERMINAL, MALE 31034
22	1	P297560	TERM: RING, 3/8", 14/16GA
23	2	P297565	TERM: PUSH-ON RELAY 1/4" 16-14
24	4	P297625	GROMMET: 5/8 BORE
25	1	P298191	SWITCH: ROCKER DIRECTION
26	1	P298192	SWITCH: ROCKER LIGHT
27	2	P312800	LIGHT: STOP/TURN/TAIL (RED)
28	4	P312807	LIGHT: STOP/TURN/TAIL (AMBER)
29	6	P312808	BOOT: RUBBER TAIL LIGHT
30	4	P312809	PIGTAIL: 90° TWO WIRE (67016)
31	2	P312810	PIGTAIL: 90° THREE WIRE (67005)
32	6	P851104	WASHER: LOCK 1/4"
33	4.5 FT	R96574003	EDGE TRIM: RUBBER 1/8T
34	3 FT	R99000015	WIRE: WHITE, 16 GA
35	1 FT	R99000600	WIRE: BLACK, 16 GA
36	1 FT	R99000610	WIRE: PINK, 16 GA

The diagram illustrates the wiring for the MC024 controller, showing connections for four light groups: Left Rear Light Group, Right Rear Light Group, Left Front Hazard, and Right Front Hazard. A central positive battery junction (9) is connected to the positive terminal of the battery. Ground connections are made through the frame panel for the rear lights and through the MC024 controller for the front hazards. Various wire colors and plug types (A, B, C) are used to connect the lights to the controller. The diagram also shows the connection to the MC024 controller C2-P10.

Left Rear Light Group: Includes connections for Amber Light Red Wire Plug "A", Red Light Black Wire Plug "B", and Red Light Red Wire Plug "C".

Right Rear Light Group: Includes connections for Amber Light Red Wire Plug "A", Red Light Black Wire Plug "B", and Red Light Red Wire Plug "C".

Left Front Hazard: Includes connections for Red Wire Plug "A" and White Wire Plug "B".

Right Front Hazard: Includes connections for White Wire Plug "B" and Red Wire Plug "A".

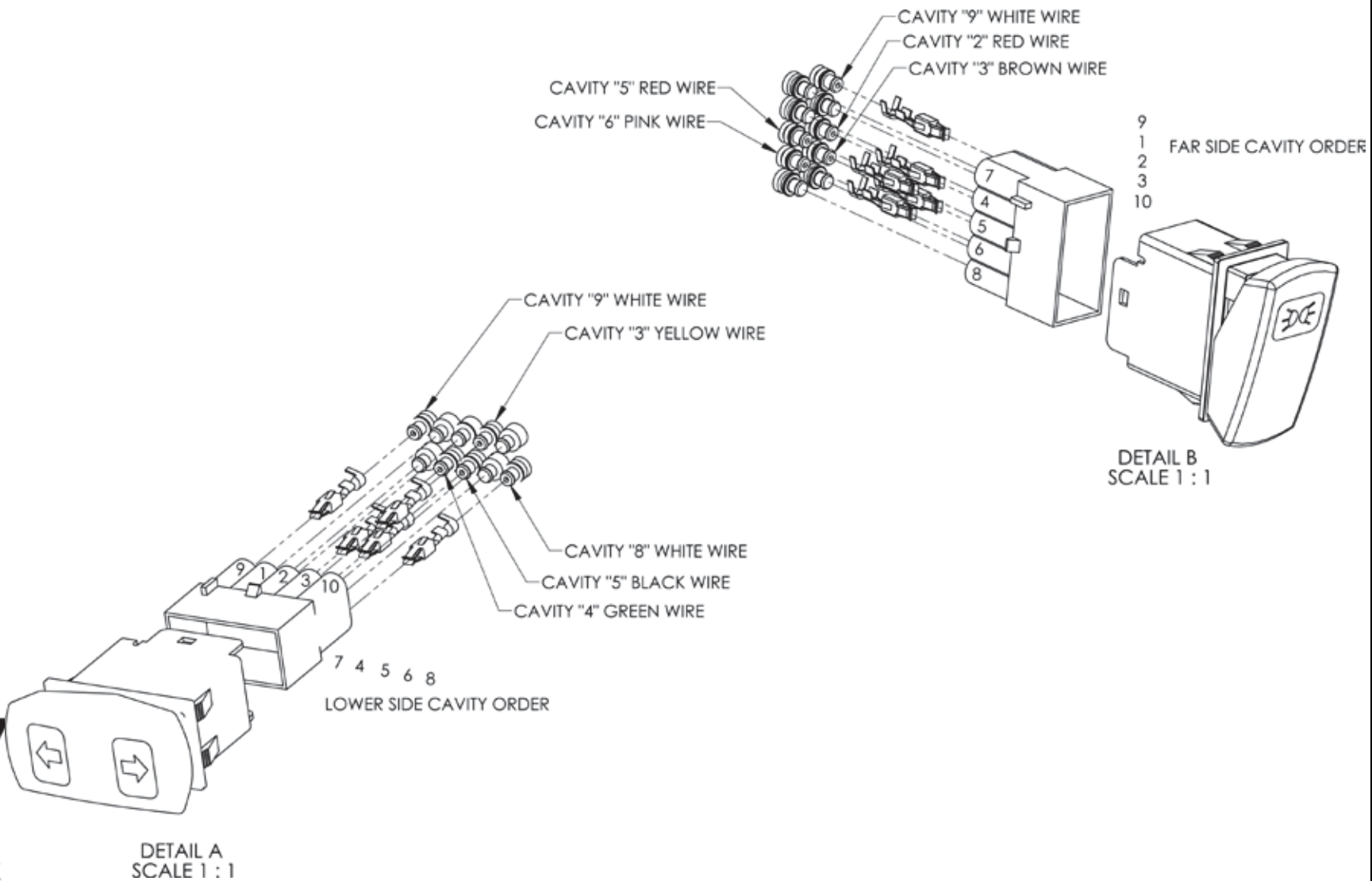
Wiring Details:

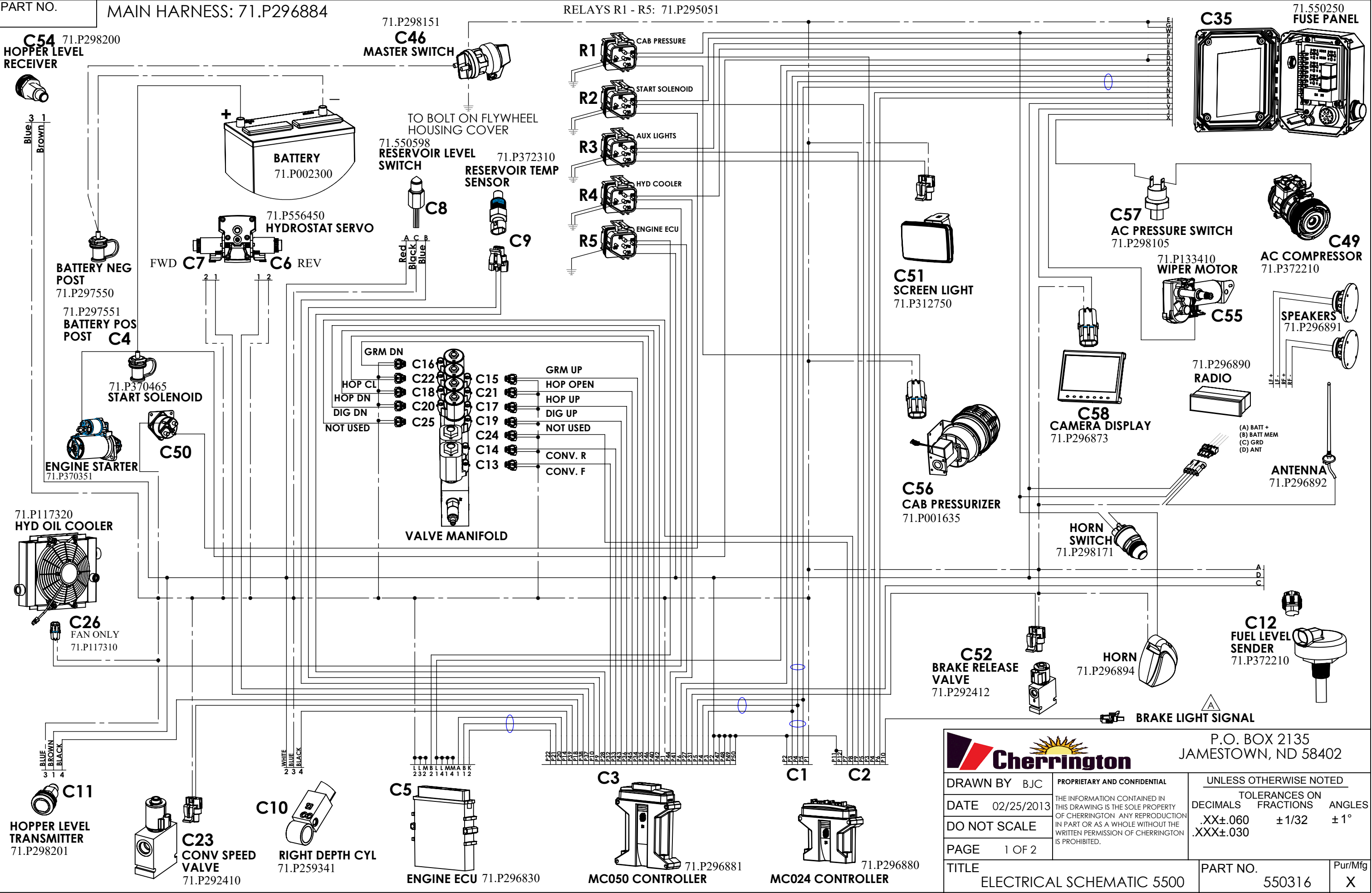
- Positive Battery Junction (9):** Connected to the positive terminal of the battery.
- Ground Connections:** Made through the frame panel for the rear lights and through the MC024 controller for the front hazards.
- Wire Colors and Plug Types:** Various colors (White, Yellow, Brown, Blue, Green, Black, Pink, Red, Brown, White, Blue) and plug types (A, B, C) are used to connect the lights to the controller.
- MC024 Controller C2-P10:** The central component that controls the lights.

HAZARD LIGHT SWITCH WIRING SCHEMATIC

55FBG251

P-65



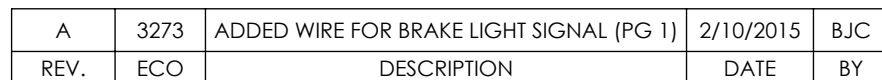




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JAMESTOWN, ND 58402

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DATE 02/25/2013	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.		TOLERANCES ON DECIMALS FRACTIONS ANGLES	
DO NOT SCALE			.XX±.060 ±1/32 ±1°	
PAGE 1 OF 2			.XXX±.030	
TITLE ELECTRICAL SCHEMATIC 5500			PART NO. 550316	Pur/Mfg X

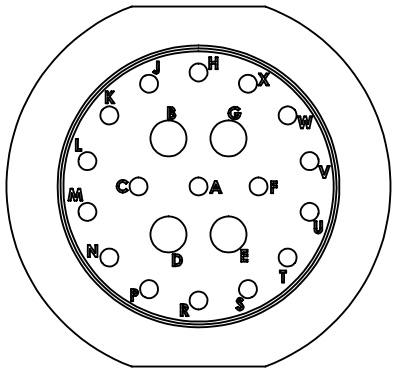
CAB HARNESS: 71.P296885



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DATE 02/25/2013		TOLERANCES ON DECIMALS FRACTIONS ANGLES	
DO NOT SCALE		.XX±.060 ± 1/32 ± 1° .XXX±.030	
PAGE 2 OF 2			
TITLE ELECTRICAL SCHEMATIC 5500		PART NO. 550316	Pur/Mfg X

PART NO.	REV.	ECO	DESCRIPTION	DATE	BY
	A	3292	[1] CHANGED IGNITION FUSE F9 TO 30A	6/2/2016	BJC
	A	3292	[2] CHANGED WIRE SIZE F9/P259100E FROM 16GA TO 14GA	6/2/2016	BJC
	A	3292	[3] CHANGED WIRE SIZE UPPER FUSE BAR PWR/P259100F FROM 16GA TO 14GA	6/2/2016	BJC

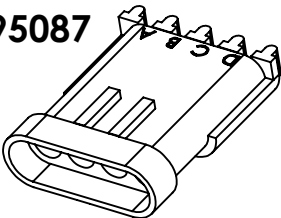
C35 CONNECTOR
(OUTSIDE REAR CAB WALL)
P295099



A: SEAT SWITCH 16GA YEL
B: BATTERY + 12GA RED
D: BATTERY + 12GA RED
E: BATTERY - 12GA BLK
F: HYD COOLER PWR 16GA WHT/BLK
G: BATTERY- 12GA BLK
H: ECU PWR 16GA PINK/BLK
J: WIPER POWER 16GA PINK
K: REVERSE ALARM SIGNAL 16GA VIO
L: IGNITION 16GA BRN
N: RUN LIGHT SIGNAL 16GA TAN
P: ENGINE CRANK 16GA ORG
R: CAN BUS 16GA WHT
S: CAN BUS 16GA BLUE
T: CAN BUS Drain 16GA GRN
U: AUX LIGHT PWR 16GA GRAY
V: CAMERA PWR 16GA LT BLUE
W: CAB PRESSURE PWR 16GA LT GRN
X: A/C PRESSURE SWITCH 16GA ORG/BLK

INSTALL CAVITY PLUGS IN ANY
UNUSED POSITION

P295087

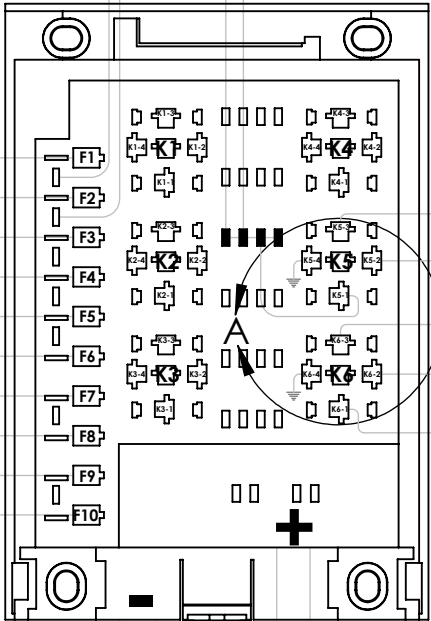


B: A/C PRESSURE SWITCH 16GA ORG/BLK
A: A/C PWR 16GA YEL/BLK
D: A/C GROUND 16GA BLK

A: SEAT SWITCH 16GA YEL
R: CAN 16GA WHITE
S: CAN 16GA BLUE
T: CAN 16GA GREEN
L: IGNITION 16GA BRN
P: ENGINE CRANK 16GA ORG
K: REVERSE ALARM 16GA VIO
N: RUN LIGHTS SIGNAL 16GA TAN
U: AUX LIGHT RELAY 16GA GRAY
J: WIPER POWER 16GA PINK
V: CAMERA POWER 16GA LT BLUE
W: CAB PRESSURE RELAY 16GA LT GRN
F: HYD COOLER RELAY 16GA WHT/BLK
H: ECU POWER 16GA PINK/BLK
E: GROUND 12GA BLK
G: GROUND 12GA BLK
B: BATTERY + 12GA RED
D: BATTERY + 12GA RED
X: A/C PRESSURE SWITCH 16GA ORG/BLK

TWIST CAN WIRES MINIMUM 3 TWISTS

P296120

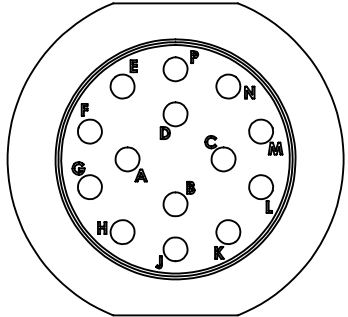


Fuse F1 - 10A - Accessory Socket
Fuse F2 - 10A - Wiper
Fuse F3 - 5A - Camera
Fuse F4 - 20A - A/C
Fuse F5 - 10A - Cab Pressurizer
Fuse F6 - 20A - Oil Cooler Fan
Fuse F7 - 20A - Lights
Fuse F8 - 20A - ECU Pwr
Fuse F9 - 30A - Ignition
Fuse F10 - 5A - Reverse Alarm

Relay K5 - Run Lights
Relay K6 - Reverse Alarm

CUT POWER BAR BETWEEN
FUSE POSITION 4 AND 5

C36 CONNECTOR
(INSIDE CAB)
P295100



A: SEAT SWITCH 16GA YEL
B: CAN BUS 16GA WHT
C: CAN BUS 16GA BLUE
D: CAN BUS DRAIN 16GA GRN
E: FUSED IGN PWR 14GA RED
F: IGN SWITCH 14GA BRN
G: CRANK SWITCH 16GA ORG
H: GROUND 16GA BLK
J: GROUND 16GA BLK
K: REVERSE ALARM PWR 16GA VIO
L: RUNNING LIGHTS PWR 16GA TAN
M: ACCESSORY PWR 16GA LT BLU/BLK

INSTALL CAVITY PLUGS IN ANY
UNUSED POSITION

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DATE 12/12/2012		TOLERANCES ON DECIMALS FRACTIONS ANGLES		
DO NOT SCALE		.XX±.060 ± 1/32 ± 1° .XXX±.030		
PAGE 1 OF 3				
TITLE ASM: ELECTRICAL ENCLOSURE		PART NO. 550250		Pur/Mfg M

PART NO. 550250	TERMINATION 1	TERMINAL 1	COLOR/GA/LENGTH	TERMINAL 2	TERMINATION 2
	P295099 POS A	DEUTSCH PIN 16GA	YELLOW/16GA/9"	DEUTSCH PIN 16GA	P295100 POS A
	P295099 POS R	DEUTSCH PIN 16GA	WHITE/16GA/9"	DEUTSCH PIN 16GA	P295100 POS B
	P295099 POS S	DEUTSCH PIN 16GA	BLUE/16GA/9"	DEUTSCH PIN 16GA	P295100 POS C
	P295099 POS T	DEUTSCH PIN 16GA	GREEN/16GA/9"	DEUTSCH PIN 16GA	P295100 POS D
	P295099 POS L	DEUTSCH PIN 16GA	BROWN/16GA/9"	1/4" INS FEM SLIDE 16GA	UPPER FUSE PWR BAR
	P295099 POS P	DEUTSCH PIN 16GA	ORANGE/16GA/9"	DEUTSCH PIN 16GA	P295100 POS G
	P295099 POS K	DEUTSCH PIN 16GA	VIOLET/16GA/9"	1/4" FEM SLIDE 16GA	RELAY K6-2
	P295099 POS N	DEUTSCH PIN 16GA	TAN/16GA/9"	1/4" FEM SLIDE 16GA	RELAY K5-2
	P295099 POS U	DEUTSCH PIN 16GA	GRAY/16GA/9"	1/4" FEM SLIDE 16GA	LIGHT PWR COMMON
	P295099 POS J	DEUTSCH PIN 16GA	PINK/16GA/9"	FUSE CONTACT	FUSE POS F2
	P295099 POS V	DEUTSCH PIN 16GA	LT BLUE/16GA/9"	FUSE CONTACT	FUSE POS F3
	P295099 POS W	DEUTSCH PIN 16GA	LT GRN/16GA/9"	FUSE CONTACT	FUSE POS F5
	P295099 POS F	DEUTSCH PIN 16GA	WHT-BLK/16GA/9"	FUSE CONTACT	FUSE POS F6
	P295099 POS H	DEUTSCH PIN 16GA	PINK-BLK/16GA/9"	FUSE CONTACT	FUSE POS F8
	P295099 POS E	DEUTSCH PIN 12GA	BLACK/12GA/9"	INS RING 1/4" 12GA	P296120 GROUND STUD
	P295099 POS G	DEUTSCH PIN 12GA	BLACK/12GA/9"	INS RING 1/4" 12GA	P296120 GROUND STUD
	P295099 POS B	DEUTSCH PIN 12 GA	RED/12GA/9"	INS RING 5/16" 12GA	P296120 PWR STUD
	P295099 POS D	DEUTSCH PIN 12GA	RED/12GA/9"	INS RING 5/16" 12GA	P296120 PWR STUD
	P295099 POS X	DEUTSCH PIN 16GA	ORG-BLK/16GA/30"	P297537 WP MALE 16GA	P295087 SHROUD POS B
	UPPER FUSE PWR BAR	1/4" INS FEM SLIDE 14GA	BROWN/14GA/9"	DEUTSCH PIN 16GA	P295100 POS F
	FUSE POS F1	FUSE CONTACT	LT BLUE-BLK/16GA/9"	DEUTSCH PIN 16GA	P295100 POS M
	RELAY K5-3	1/4" FEM SLIDE 16GA	TAN/16GA/9"	DEUTSCH PIN 16GA	P295100 POS L
	REALY K6-3	1/4" FEM SLIDE 16GA	VIOLET/16GA/9"	DEUTSCH PIN 16GA	P295100 POS K
	FUSE POS F9	FUSE CONTACT	RED/14GA/9"	DEUTSCH PIN 16GA	P295100 POS E
	P296120 GROUND BAR	1/4" FEM SLIDE 16GA	BLACK/16GA/9"	DEUTSCH PIN 16GA	P295100 POS H
	P296120 GROUND BAR	1/4" FEM SLIDE 16GA	BLACK/16GA/9"	DEUTSCH PIN 16GA	P295100 POS J
	P296120 GROUND BAR	1/4" FEM SLIDE 16GA	BLACK/16GA/30"	P297537 WP MALE 16GA	P295087 SHROUD POS D
	FUSE POS F4	FUSE CONTACT	YEL-BLK/16GA/30"	P297537 WP MALE 16GA	P295087 SHROUD POSA
	FUSE POS F7	FUSE CONTACT	RED/16GA/9"	1/4" FEM SLIDE 16GA	LIGHT PWR COMMON
	RELAY K5-1	1/4"FEM SLIDE 16GA	TAN/16GA/9"	1/4" FEM SLIDE 16GA	LIGHT PWR COMMON
	FUSE POS F10	FUSE CONTACT	VIOLET/16GA/9"	1/4" FEM SLIDE 16GA	RELAY K6-1
	P296120 GROUND BAR	1/4" FEM SLIDE 16GA	BLACK/16GA/9"	1/4" FEM SLIDE 16GA	RELAY K5-4
	P296120 GROUND BAR	1/4" FEM SLIDE 16GA	BLACK/16GA/9"	1/4" FEM SLIDE 16GA	RELAY K6-4

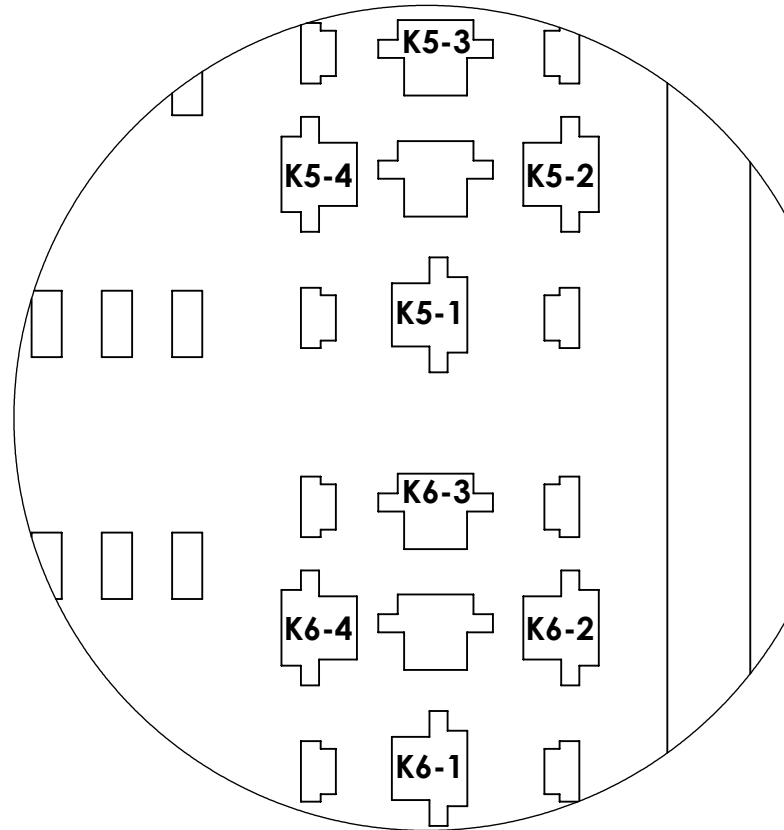
NOTE: INSTALL SEALS ON P295086 AND P295087 WIRES BEFORE CRIMPING TERMINALS P297536 AND P297537 ON

NOTE: PACKAGE THE FOLLOWING COMPONENTS AND PLACE IN ENCLOSURE BOX FOR FINAL ASSEMBLY

QTY 1 P295086
QTY 4 P295811
QTY 4 P297536

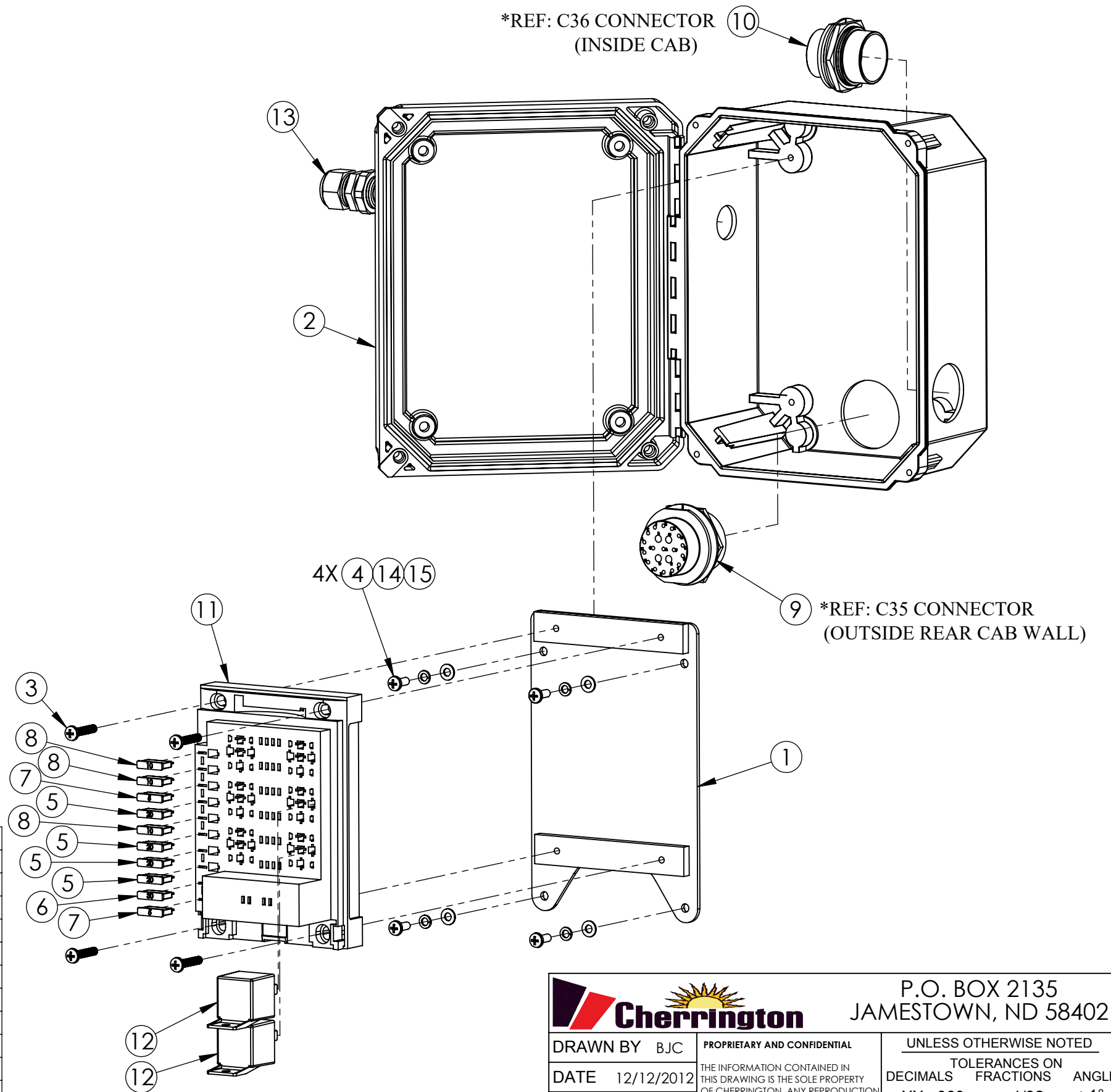
<

PART NO.
550250



DETAIL A
SCALE 2 : 1

15	4	P852160	WASHER: FLAT #10
14	4	P851103	WASHER: LOCK 3/16"
13	1	P296600	CABLE GRIP: #1234N1203
12	2	P296150	RELAY: 12V SPST 50A W/MTG
11	1	P296120	RELAY MODULE: 5500
10	1	P295100	RECEPTICLE: HD44-18-14PN KIT
9	1	P295099	RECEPTICLE: HD44-24-21PN KIT
8	3	P295041	FUSE: 10 AMP ATO/ATC
7	2	P295040	FUSE: 5 AMP ATO/ATC
6	1	P295029	FUSE: 30 AMP ATO/ATC
5	4	P295028	FUSE: 20 AMP ATO/ATC
4	4	P111140	SCREW: TAPPING #10-32 X 1/2"
3	4	P111130	SCREW: TAPPING 10-32 X 1"
2	1	550251	BOX: ELECTRICAL ENCLOSURE
1	1	550157	WLDT: RELAY MT
ITEM	QTY.	PART NUMBER	DESCRIPTION



		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY BJC		PROPRIETARY AND CONFIDENTIAL UNLESS OTHERWISE NOTED	
DATE 12/12/2012		TOLERANCES ON DECIMALS FRACTIONS ANGLES	
DO NOT SCALE		.XX±.060 ± 1/32 ± 1° .XXX±.030	
PAGE 3 OF 3			
TITLE ASM: ELECTRICAL ENCLOSURE		PART NO. 550250	
		Pur/Mfg M	