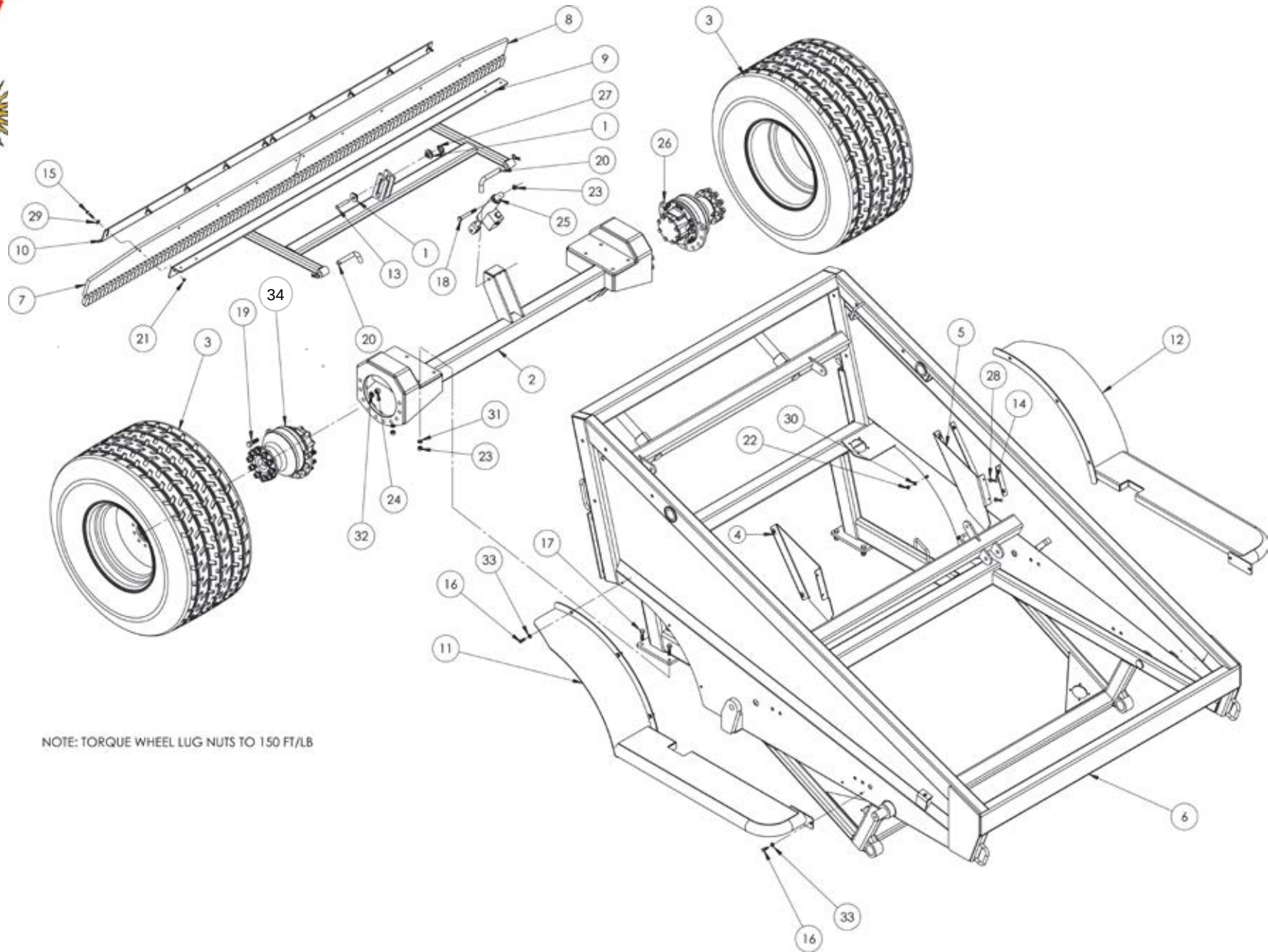


PART LIST SECTION INDEX

Contact and Ordering Information.....	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
Control and Electrical group.....	P-24 thru P-27
Master Electrical Panel.....	P-28 and P-29
Seat Assembly group.....	P-30 and P-31
Air Conditioner group.....	P-32 and P-37
Camera group.....	P-38 and P-39
Conveyor/ Vibratory hydraulic group.....	P-40 and P-41
High Lift hydraulic group.....	P-42 and P-43
Case Drain, Cooler and Filter hydraulic group.....	P-44 and P-45
Depth Control and Groomer hydraulic group.....	P-46 and P-47
Hydrostatic Propel hydraulic group.....	P-48 and P-49
Charge Brake and Case Drain hydraulic group.....	P-50 and P-51
Suction, Case Drain and Engine Drain hydraulic group.....	P-52 and P-53
Auxillary Pump /Steering hydraulic group.....	P-54 and P-55
Hazard Light Package group.....	P-56 and P-57
Hazard Light Package Wiring Schematic.....	P-58
Hazard Light Switch Schematic.....	P-59

NOTE: UNIT EQUIPPED WITH 2 SPEED WHEEL MOTORS AND VALVING.
SEE - ADDITIONAL PROPEL DIAGRAMS AND BILL OF MATERIAL FOR REFERENCE.

NOTE: EQUIPPED WITH 2 SPEED WHEEL MOTORS

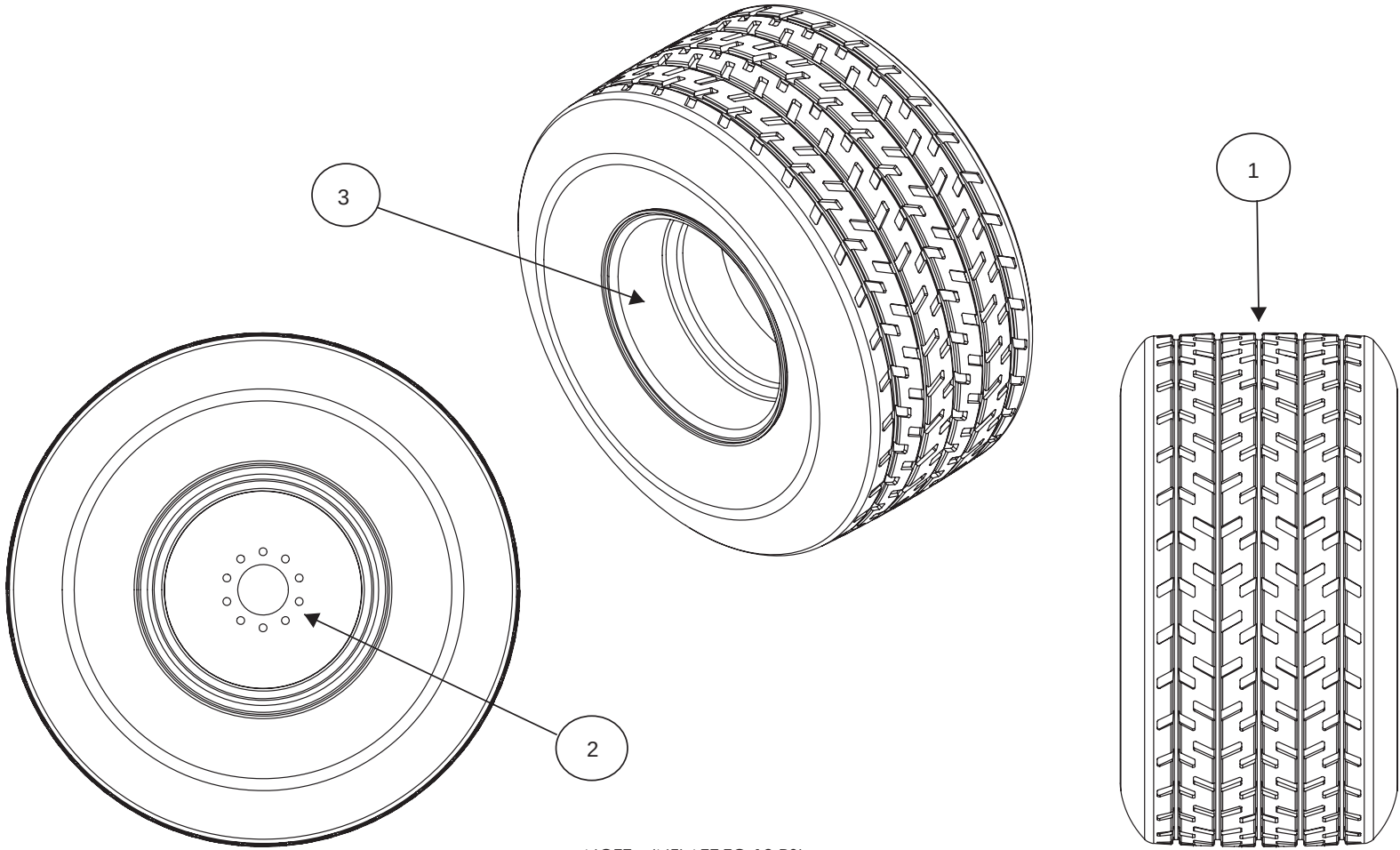


NOTE: TORQUE WHEEL LUG NUTS TO 150 FT/LB

AXLE AND GROOMER LEGEND

<u>ITEM #</u>	<u>QTY.</u>	<u>PART #</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	550100	MAIN FRAME: 5500
7	1	550124	COMB, RIGHT 5500
8	1	550125	COMB, LEFT 5500
9	1	550150	WLD: GROOMER BAR
10	1	550152	GROOMER BACKING BAR
11	1	550179	WLDT: FENDER RH
12	1	550180	WLDT: FENDER LH
13	1	CP0013	PIN, CLEVIS MOD 1/2 X 3
14	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	10	P100506	BOLT: HEX, 5/16" NCX 1 1/2"GR5
16	10	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
17	8	P100807	BOLT: HEX 1/2-13 X 1-3/4"
18	1	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
19	20	P101008	BOLT: HEX, 5/8-11 NC X 2
20	2	P121200	BENT HITCH PIN 3/4" X 3-1/2"
21	10	P155350	NUT: HEX, 5/16 TOP-LOCK
22	7	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
23	9	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
24	20	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
25	1	P259160	CYLINDER: 1-1/2B X 4S W/CAV CH
26**	1	P355430	2 SPEED WHL MTR MS05 HS LEFT REAR
27	1	P622604	PIN, LYNCH 3/16 X 1-1/4
28	8	P850104	WASHER: FLAT 1/4" ZP
29	10	P850105	WASHER: FLAT 5/16" ZP
30	6	P851106	WASHER: LOCK 3/8" ZP
31	8	P851108	WASHER: LOCK 1/2" ZP
32	20	P851110	WASHER: LOCK 5/8"
33	10	P851606	WASHER: FLAT 3/8" HEAVY
34**	1	P355431	2 SPEED WHL MTR MS05 HS RIGHT REAR

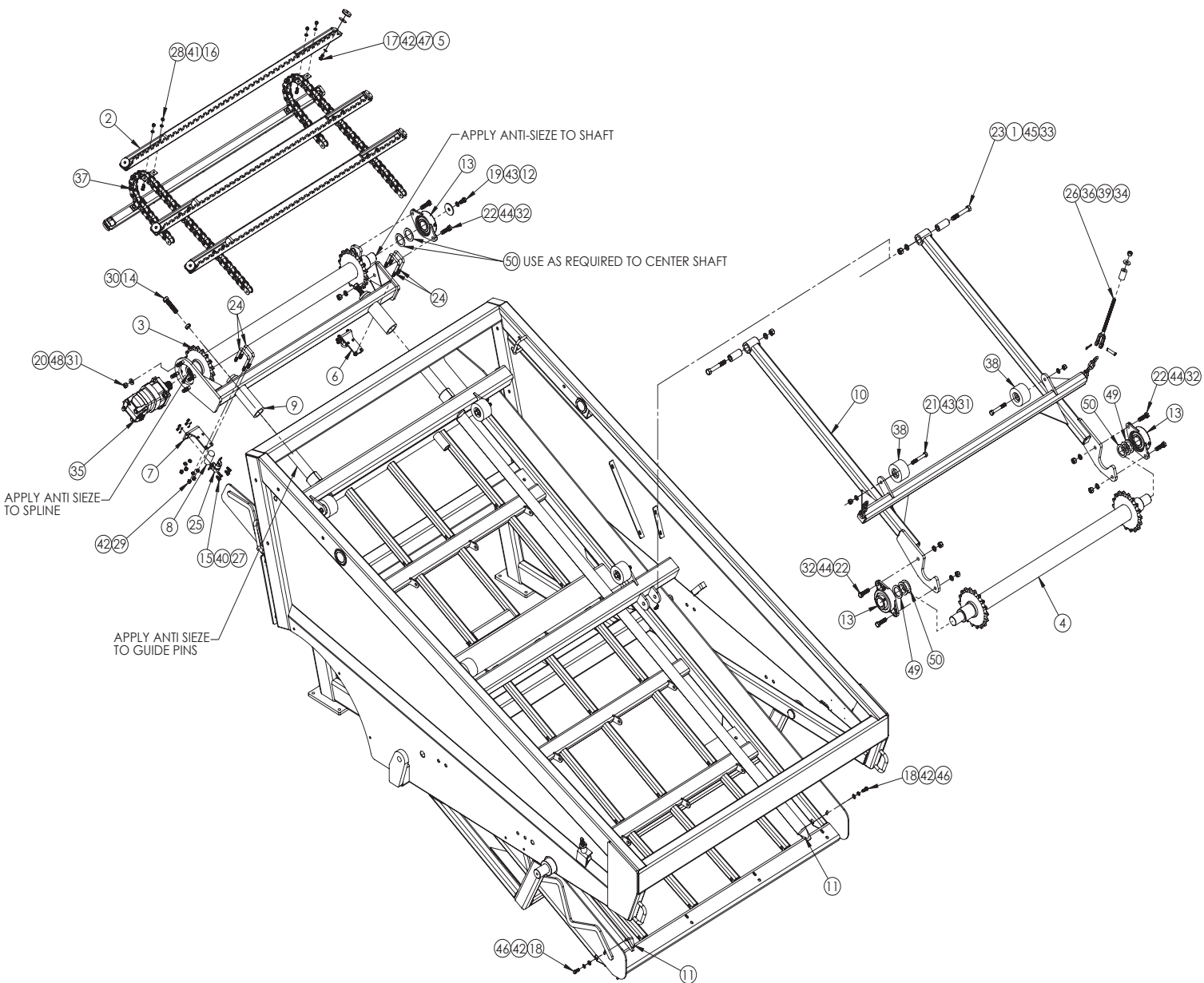
PART NO.
550008



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

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



CONVEYOR AND FLIGHT LEGEND

ITEM#	QTY.	PART#	DESCRIPTION
1	2	450098	BUSHING, NYL 1.25 X .625 X 2.688
2 *	4	450310	WLDT: FLIGHT 4500 * SEE NOTE BELOW
3	1	450311	WLDT: SHAFT REAR CONV 2 CHAIN
4	1	450312	WLDT: SHAFT FRONT CONV 2 CHAIN
5	8	470130	FLIGHT PUCK
6	1	500497	WLDT: ROCK KNOCKER LH
7	1	500498	WLDT: ROCK KNOCKER RH
8	2	500499	ROD; ROCK KNOCKER
9	1	550291	MT, REAR SHAFT
10	1	550292	CONVEYOR SUPPORT 4500/5500
11	2	CP0047	WLDT; GLIDE RAIL 45,46, 5500
12	1	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
13	3	P004175	BEARING: 1-3/4 FLANGE 2 BOLT
14	2	P099012	BOLT: HEX 5/8-11 X 3 FULL THD
15	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
16	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
17	8	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
18	6	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
19	1	P100804	BOLT: HEX 1/2"-13 X 1"
20	4	P100809	BOLT: HEX 1/2-13 X 2-1/4"
21	6	P100814	BOLT: HEX 1/2-13 X 3-1/2"
22	6	P100908	BOLT: HEX, 9/16-12 NC X 2
23	2	P101017	BOLT, HEX 5/8-11 X 4-1/4
24	4	P127214	U-BOLT, 3/8 X 2 X 3.75
25	4	P128905	CLAMP, U STRAP 1.31
26	2	P135190	JAW END: 1/2-13 X 9
27	8	P155250	NUT: HEX, 1/4" TOP-LOCK
28	16	P155350	NUT: HEX, 5/16 TOP-LOCK
29	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
30	2	P155800	5/8-11 HEX JAM NUT
31	10	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
32	6	P155900	NUT: HEX, 9/16"-12 TOP-LOCK
33	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
34	2	P158005	1/2-13 NYLOCK NUT
35 *	1	P353600	MOTOR: 4000 COMPACT 169-0133-001
36	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
37	2	P632100	CHAIN: 100K1 x 219 P ** SEE NOTE BELOW
38	6	P761100	SNUGULATOR 2500BD1X
39	2	P850108	WASHER: FLAT 1/2" ZP
40	8	P851104	WASHER: LOCK 1/4"
41	16	P851105	WASHER: LOCK 5/16"
42	22	P851106	WASHER: LOCK 3/8" ZP
43	7	P851108	WASHER: LOCK 1/2" ZP
44	6	P851109	WASHER: LOCK 9/16"
45	2	P851110	WASHER: LOCK 5/8"
46	6	P851606	WASHER: FLAT 3/8" HEAVY
47	8	P852015	WASHER: FLAT 3/8" FENDER
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 REPLACED WITH UPDATED P/N 71.P632140 REQUIRES ADDITIONAL P/N 71.P632141 OFFSET LINK

*UPDATED FLIGHT BLADE P/N: 71.450352

*71.P353610 SEAL KIT USED ON #35 CONVEYOR MOTOR P353600

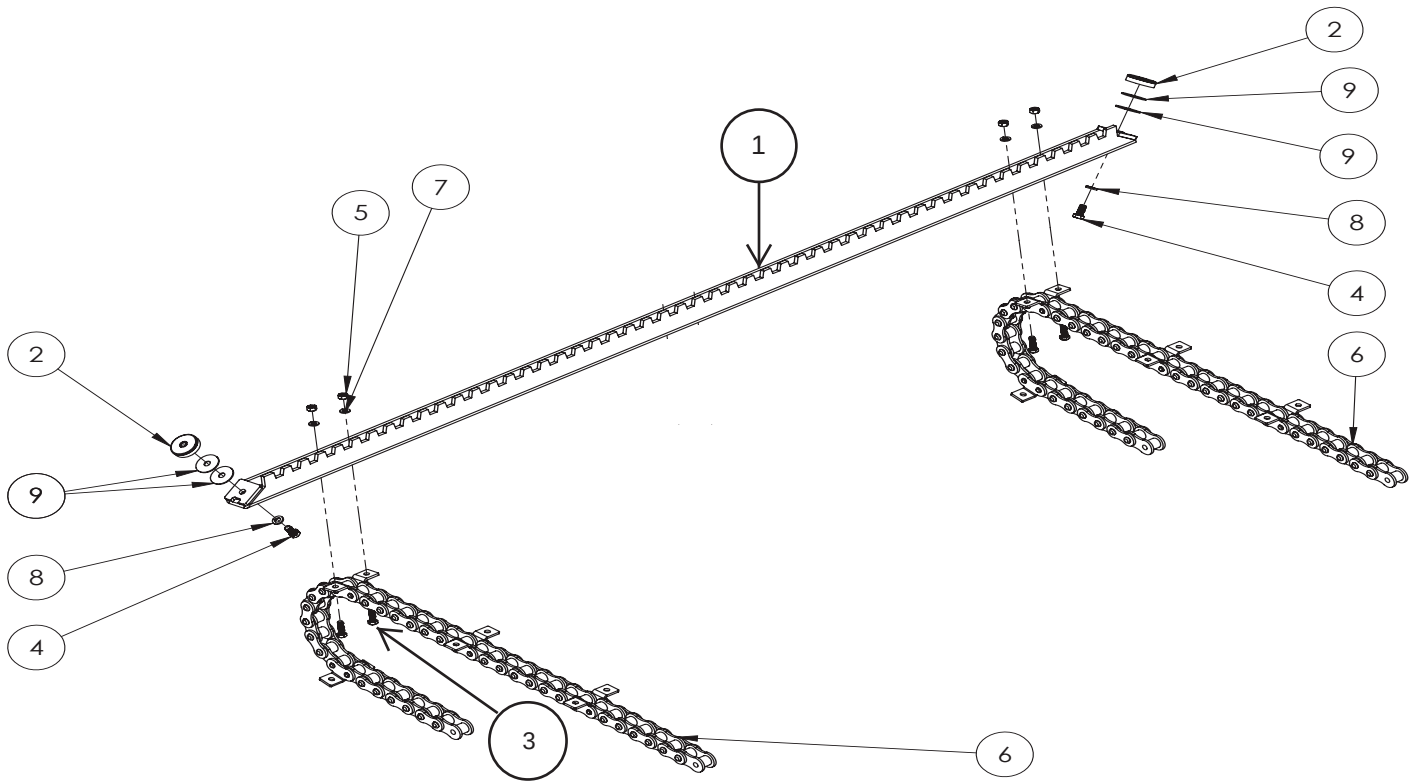
CHAIN REPAIR ITEMS:

71.P632143 #100 K1 ATTACHMENT LINK

71.P632142 MASTER CONNECTING LINK

71.P632141 1/2 LINK (OFFSET)

CHAIN AND FLIGHT SCHEMATIC

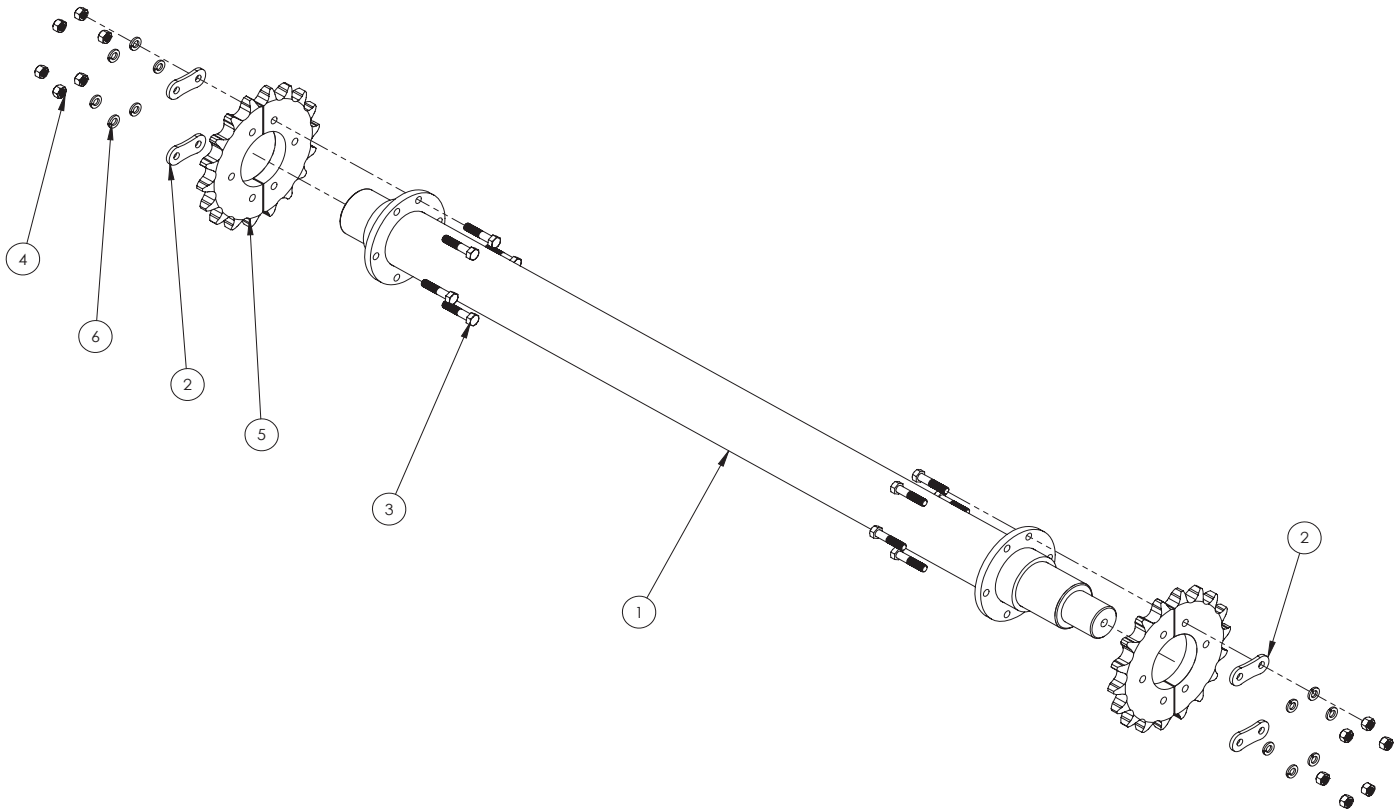


ITEM	QTY	PART NO	DESCRIPTION
1	27	450352	WLDT: FLIGHT BLADE 4500/5500, 2.12
2	54	470130	FLIGHT PUCK
3	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	108	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632140	CHAIN: 100K1 x 219 P ARMOR
6A	REF	P632143	LINK: KI CONNECTOR
7	108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

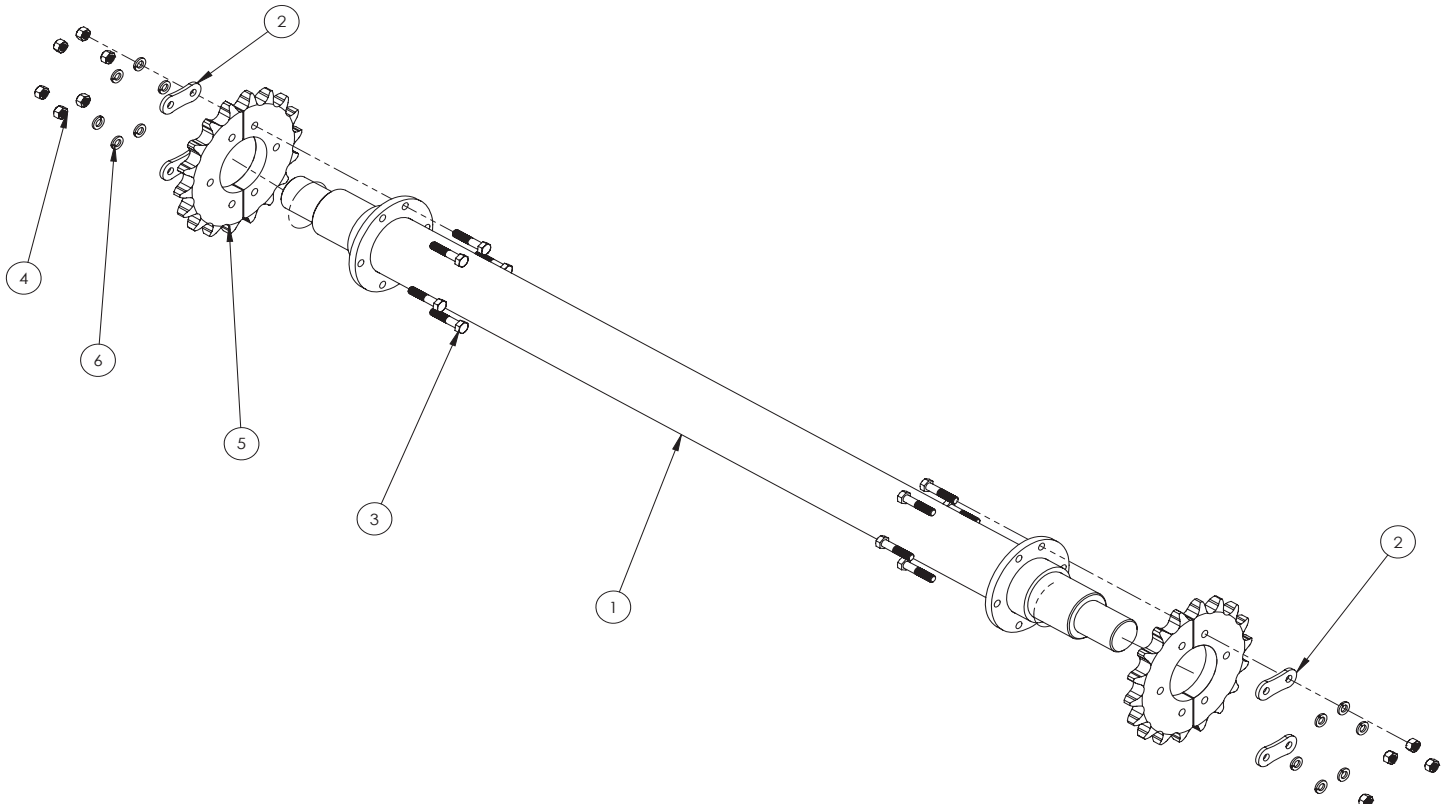
REAR CONVEYOR SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
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

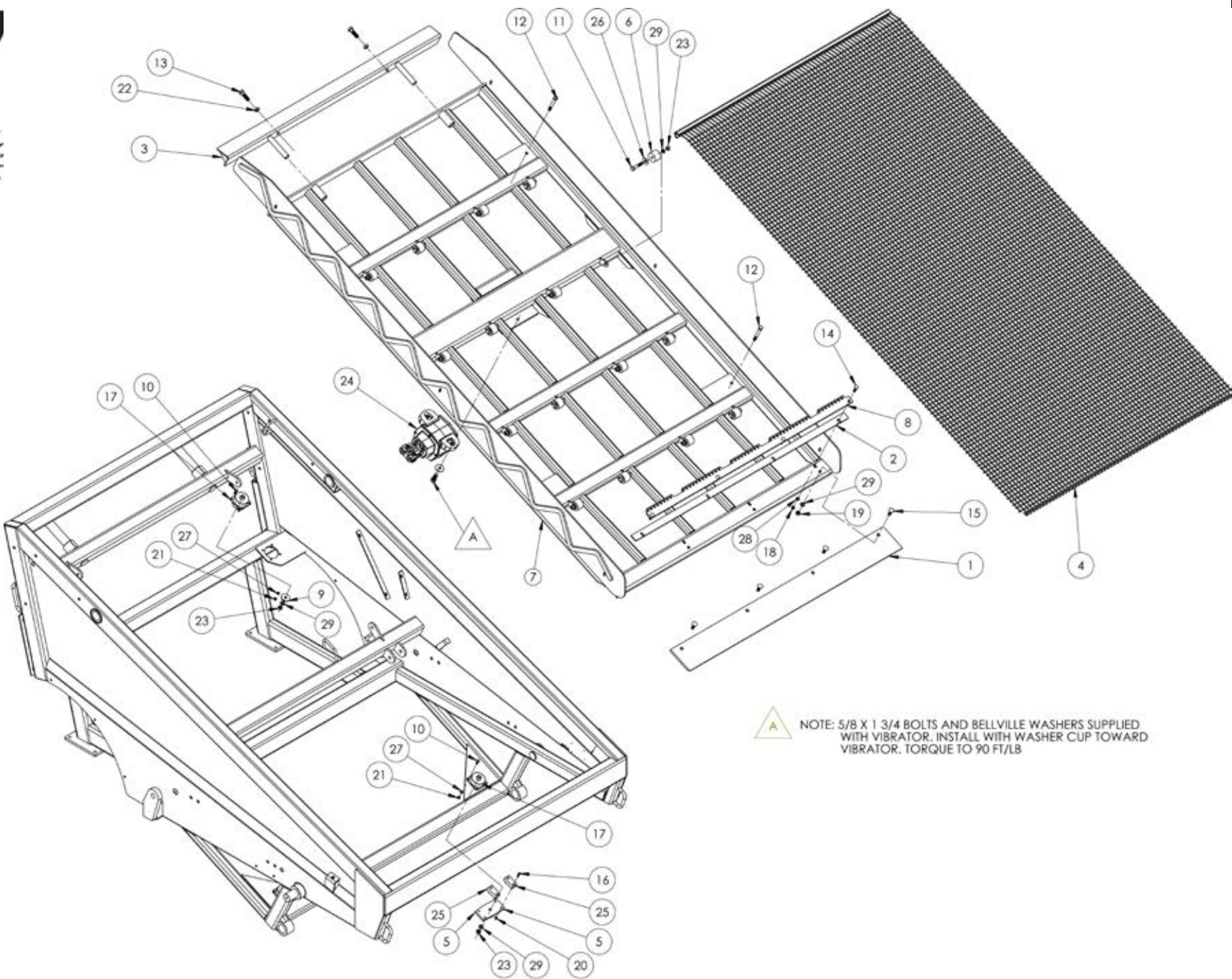
71.550474 COMPLETE REAR SHAFT ASSEMBLY * CONTAINS ITEMS #1 - #6

FRONT CONVEYOR SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550473	WLDT: SHAFT FRONT 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

71.550475 COMPLETE FRONT SHAFT ASSEMBLY *CONTAINS ITEMS #1 - #6



SCREEN LEGEND

<u>ITEM #</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	450064	CUTTING EDGE 4500
2	1	450086	SPACER, FRONT SCREEN LIP
3	1	450154	WLD, SCREEN TENSIONER
4	1	450235	SCREEN ASSY: 3/4 X 60", DOUBLE HOOK
5	2	450285	PLATE, ISO STOP
6	16	450313	RISER, SCREEN
7	1	550105	WLDT: SCREEN FRAME 5500
8	1	550153	SCREEN HOLD DW 3/4", 5500
9	2	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
10	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
11	16	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
12	4	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
13	2	P101008	BOLT: HEX, 5/8-11 NC X 2
14	4	P104606	BOLT: CARRIAGE, 3/8" X 1-1/2"
15	4	P104806	BOLT: CARRIAGE, 1/2" X 1-1/2" GR5
16	8	P110404	BOLT: SHCS 1/4-20 X 1" ALLEN HD
17	4	P133065	ISOLATOR: SQ HEAVY DUTY PLATFORM 283P310
18	4	P150600	NUT: HEX 3/8-16
19	4	P150800	NUT: HEX 1/2"-13NC ZP
20	8	P155250	NUT: HEX, 1/4" TOP-LOCK
21	16	P155350	NUT: HEX, 5/16 TOP-LOCK
22	2	P155800	5/8-11 HEX JAM NUT
23	20	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
24*	1	P358100	VIBRATOR, HYD HA4-3300
25	4	P605010	SPRING BUMPER, 3/4
26	16	P850108	WASHER: FLAT 1/2" ZP
27	16	P851105	WASHER: LOCK 5/16"
28	4	P851106	WASHER: LOCK 3/8" ZP
29	24	P851108	WASHER: LOCK 1/2" ZP

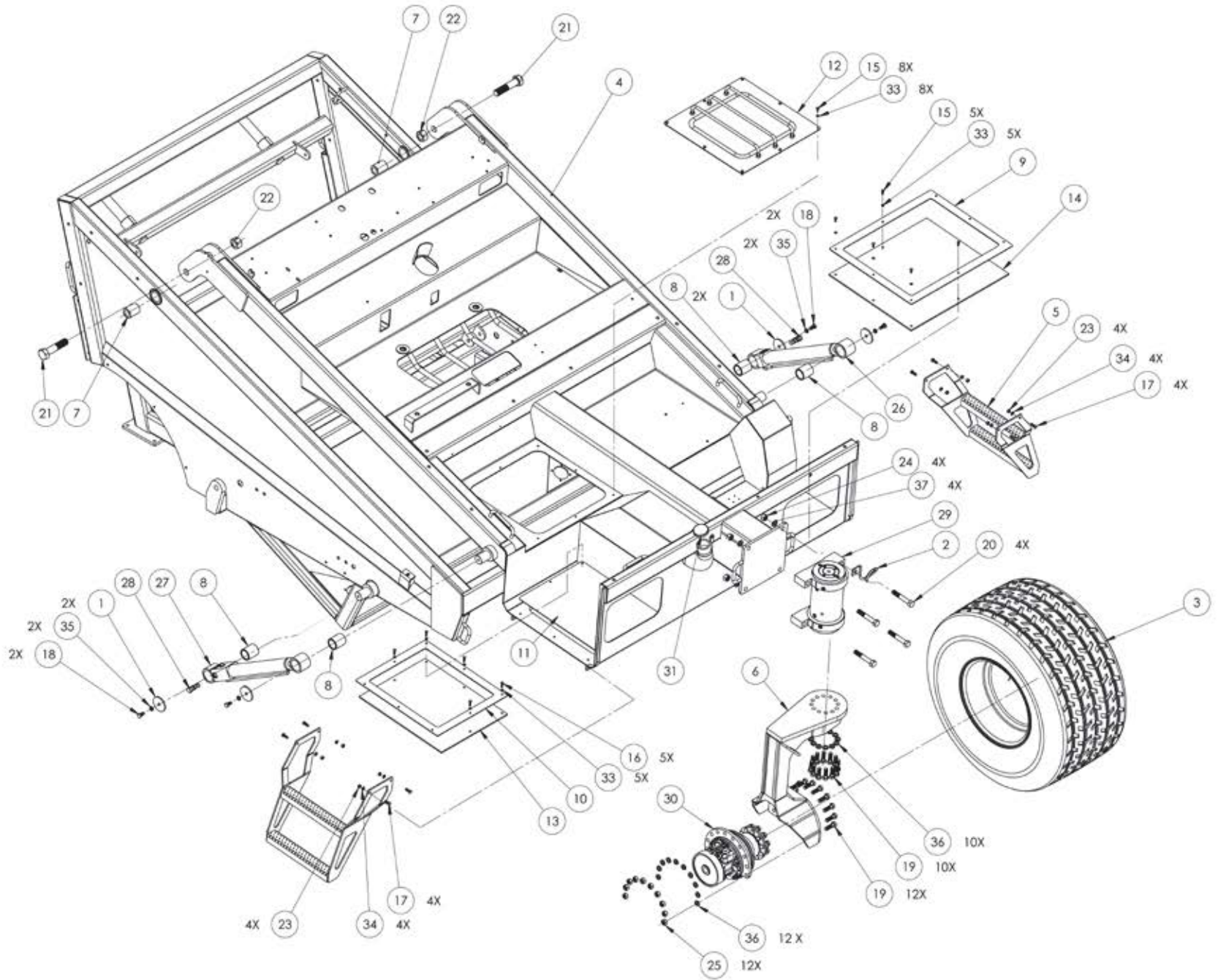
*** #24 SHAKER / VIBRATOR ADDITIONAL ITEMS**

71.P358105 HYDRAULIC DRIVE MOTOR SHAFT SEAL
 71.P358107 HYDRAULIC DRIVE MOTOR
 71.P358108 DRIVE COUPLING ASSEMBLY





55BBD351

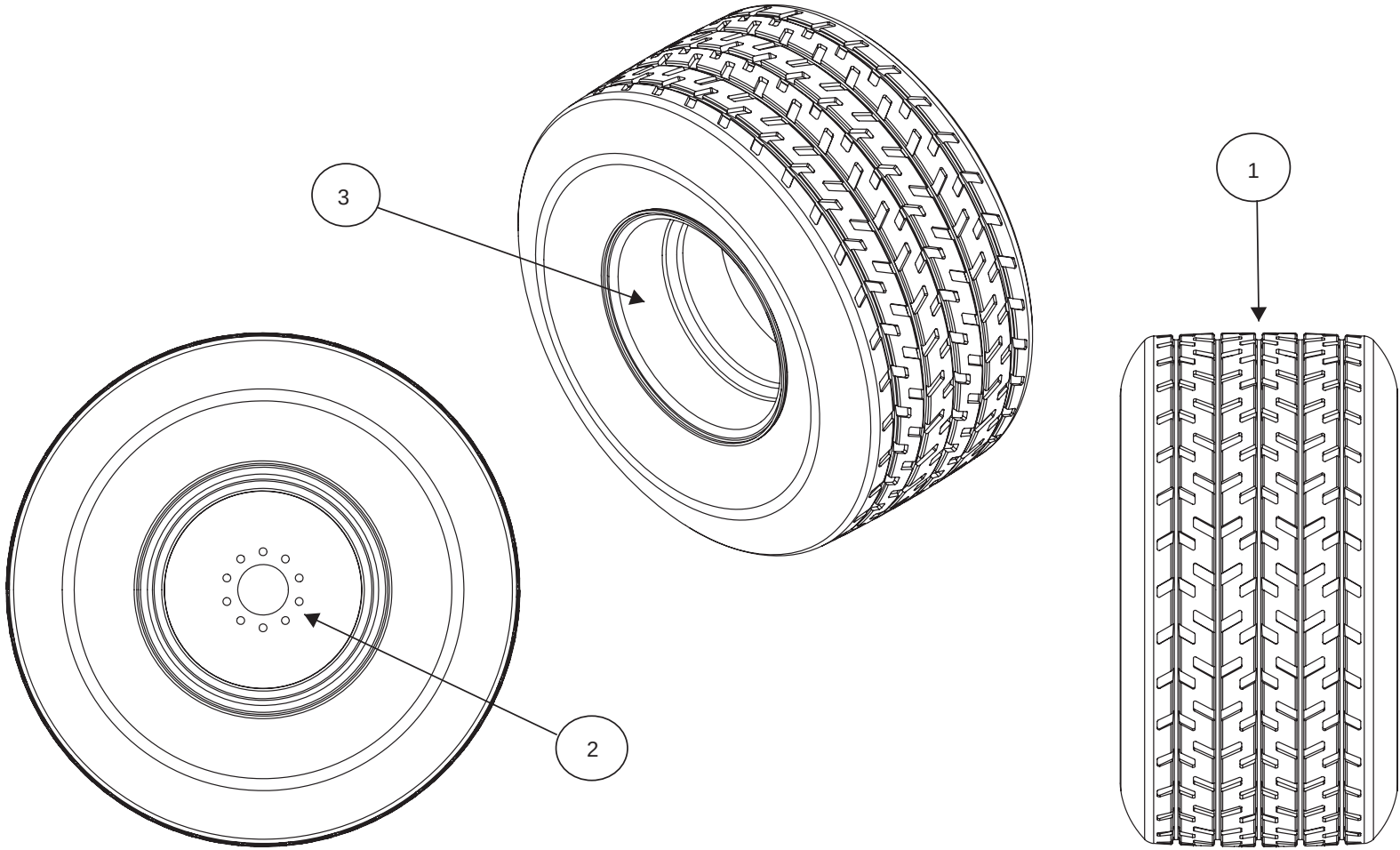


PIVOT FRAME, FRONT AXLE SCHEMATIC

PIVOT FRAME, FRONT AXLE LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	4	480069	SPACER, 1/4 X 1/2 ID X 3 OD
2	1	500125	WELD, HOSE RING
3	1	550008	ASSY, TIRE AND WHEEL
4	1	550026	WLDT: PIVOT FRAME
5	2	550067	WLDT: STEP LADDER
6	1	550096	WLDT: 5500 FORK
7	2	550114	SLEEVE: 2.00 X 1.25 X 2.50
8	4	550115	SLEEVE: 2.25 X 1.75 X 2.56
9	1	550191	PANEL, MAT RETAINER RT
10	1	550192	PANEL, MAT RETAINER LT
11	1	550193	PANEL: CAB ACCESS
12	1	550252	ASSY; VIEWING PANEL
13	1	550253	MAT: FLOOR RH
14	1	550254	MAT: FLOOR LH
15	17	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-LJ
29	1	P352530	HELAC L30-25
30**	1	P355435	MOTOR: WHL/BRK, POCLAIN MS05 HS
31	1	P371131	CAP, FUEL FILL
32	4	P850104	WASHER: FLAT 1/4" ZP
33	22	P851104	WASHER: LOCK 1/4"
34	8	P851106	WASHER: LOCK 3/8" ZP
35	4	P851108	WASHER: LOCK 1/2" ZP
36	22	P851110	WASHER: LOCK 5/8"
37	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

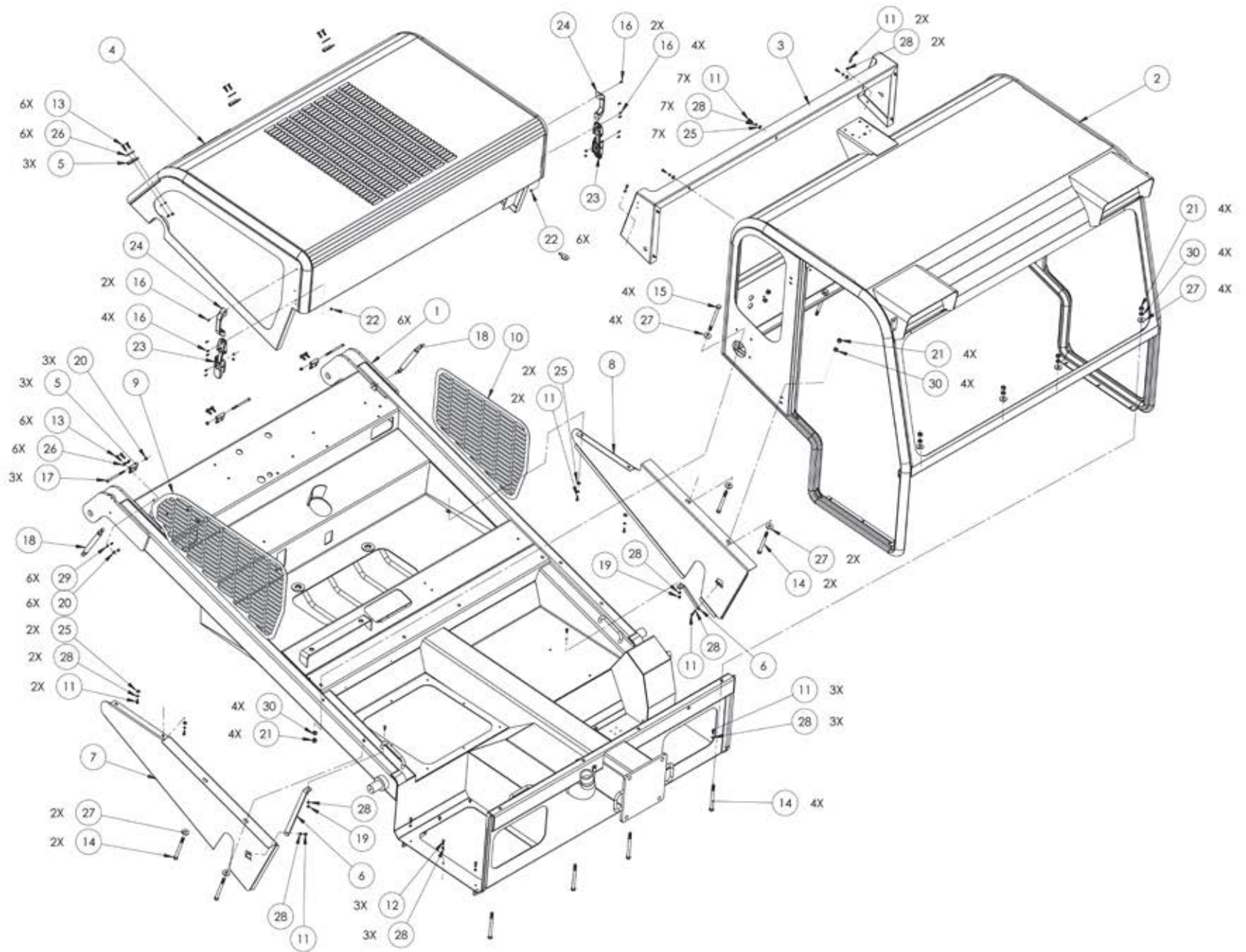
3	1	P765502	TUBE: INNER
2	1	550002	RIM: MS05 17 X 16W
1	1	P765500	TIRE: 500/50-17 AW708
ITEM	QTY.	PART NUMBER	DESCRIPTION

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



Cherrington

55BBD351



CAB AND HOOD SCHEMATIC

CAB AND HOOD LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550026	WLDT: PIVOT FRAME
2	1	550074	CAB WLDT: 5500
3	1	550138	DOGHOUSE RISER
4	1	550142	WLDT: ENGINE COVER
5	6	550205	WLDT: HINGE ENGINE COVER
6	2	550216	BRACE, SIDE SHIELD
7	1	550218	SIDE SKIRT RH
8	1	550219	SIDE SKIRT LH
9	1	550256	AIR VENT RH
10	1	550257	AIR VENT LH
11	25	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	8	P100404	BOLT: HEX, 1/4"NC X 1"GR5
13	12	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	P110512	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	15	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	11	P850104	WASHER: FLAT 1/4" ZP
26	12	P850105	WASHER: FLAT 5/16" ZP
27	12	P850808	WASHER, GR 8 HARD
28	33	P851104	WASHER: LOCK 1/4"
29	12	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

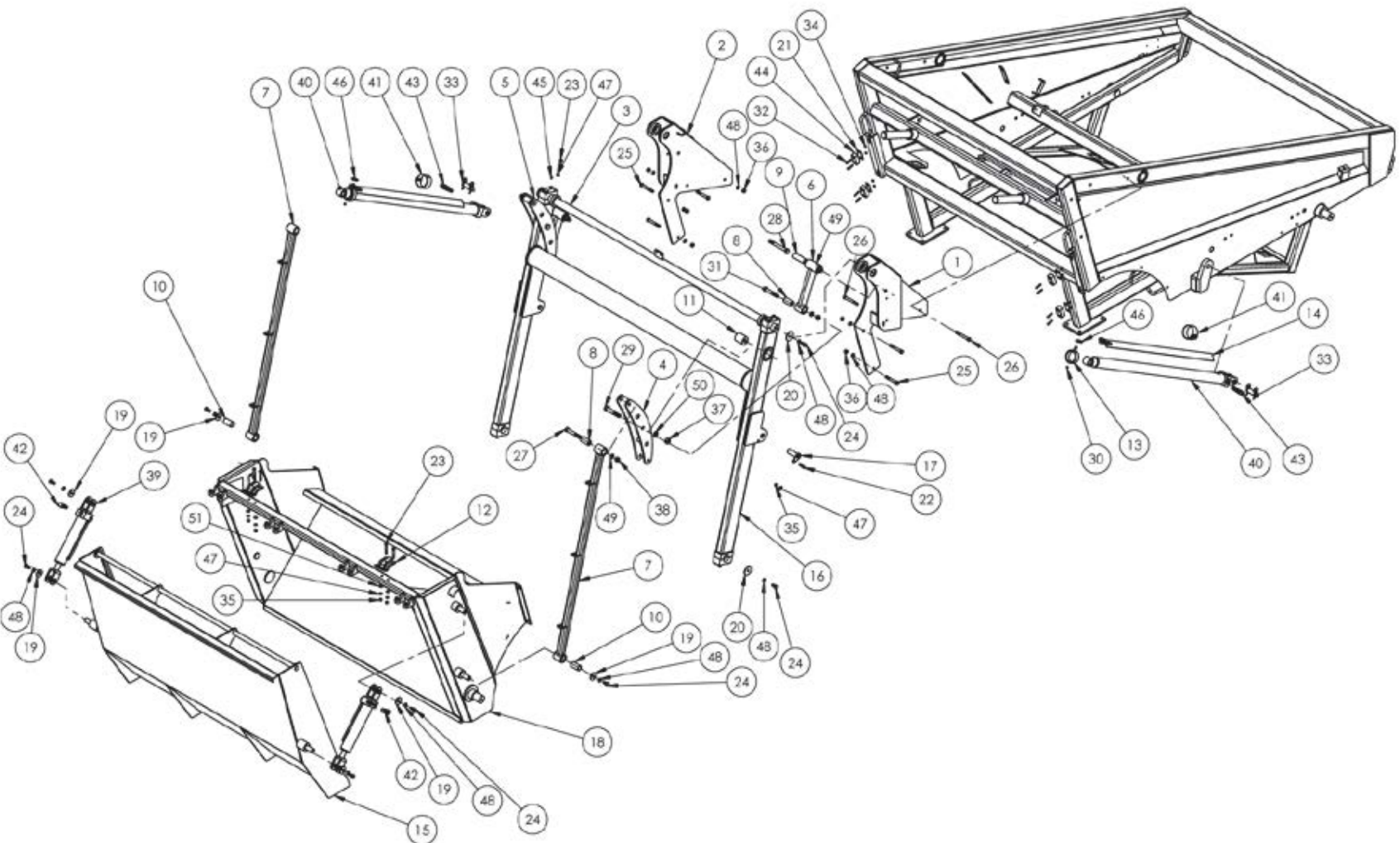
QTY 1 71.550417 REAR HOOD FOAM

QTY 1 71.550418 RIGHT TOP HOOD FOAM

QTY 1 71.550419 LEFT TOP HOOD FOAM



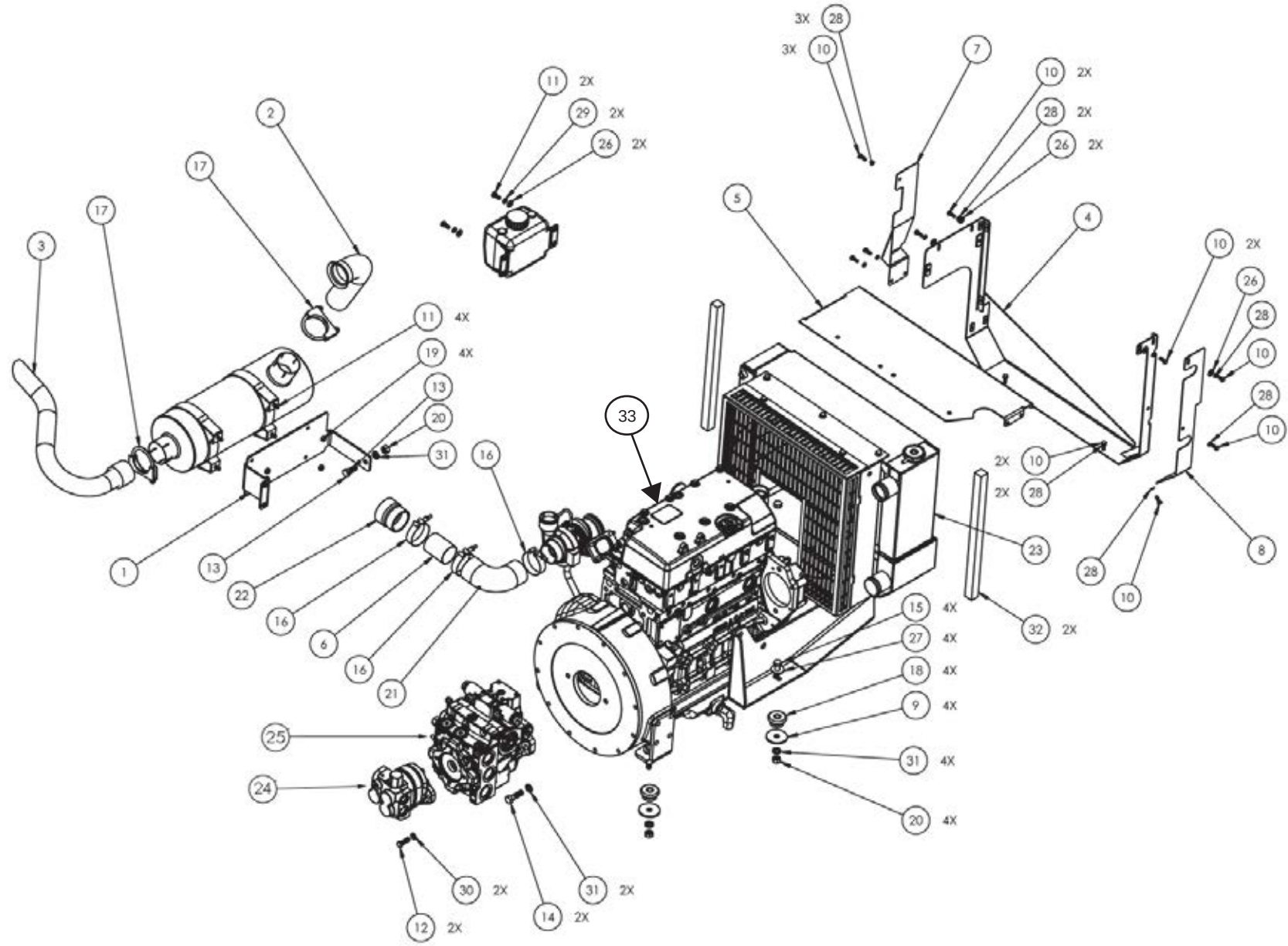
BOOM AND HOPPER SCHEMATIC



BOOM AND HOPPER LEGEND

ITEM	QTY	PART #	DESCRIPTION
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 1.75
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

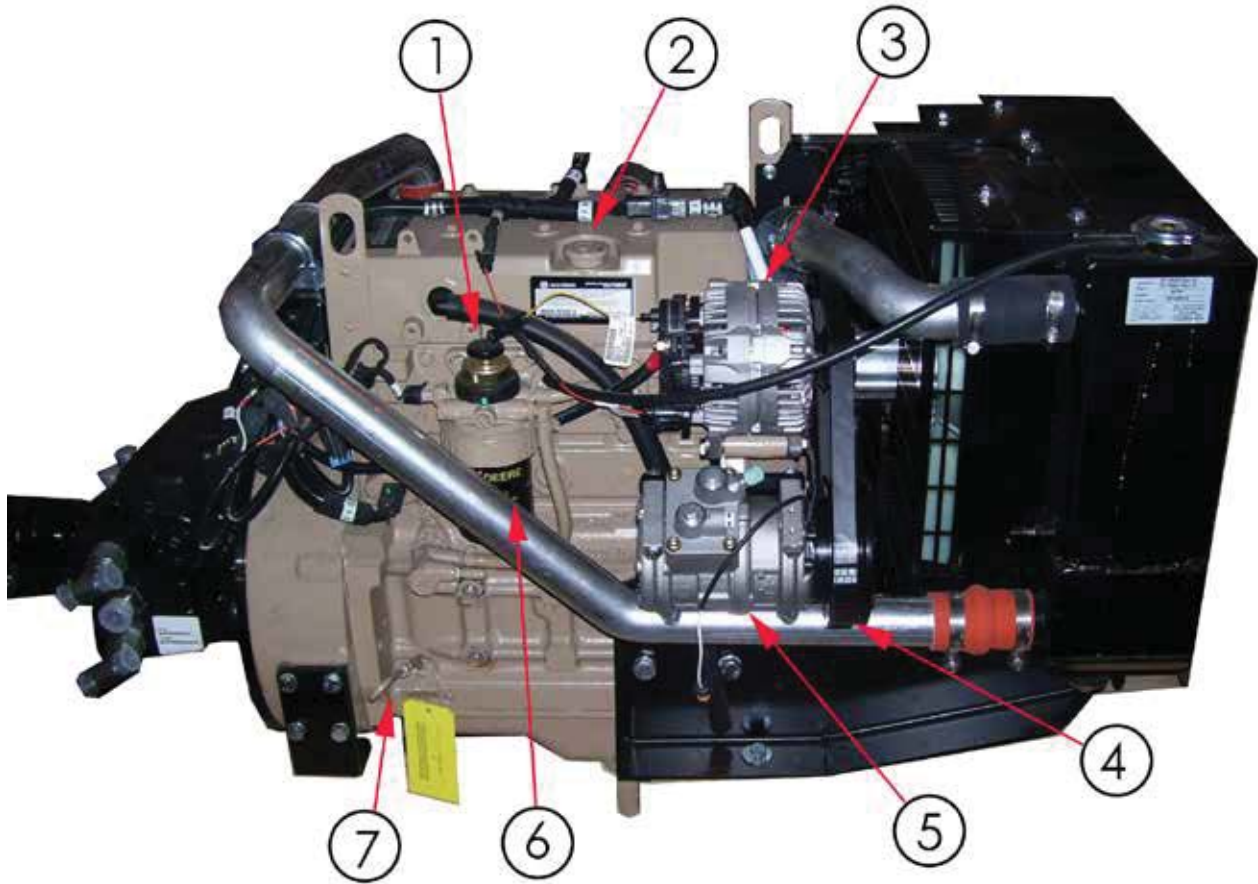
ENGINE AND PUMPS SCHEMATIC



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

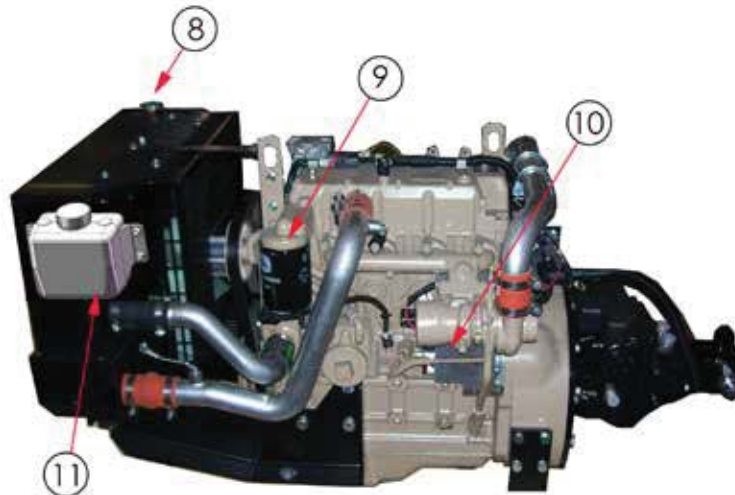
ENGINE SERVICE



FRONT ENGINE VIEW

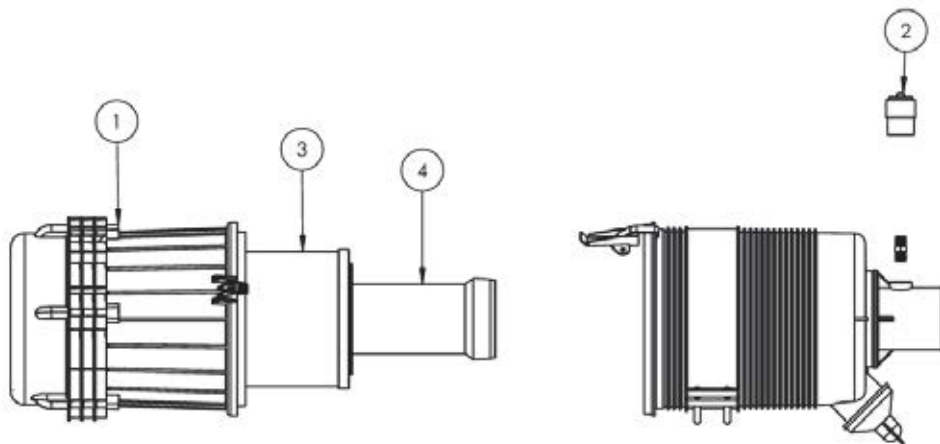
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370466	FUEL PRIMING PUMP
2		N/A	ENGINE OIL FILL CAP
3	1	P370452	ALTERNATOR
4	1	P066202	SERPENTINE BELT WITH A/C
*	1	P063020	* SERPENTINE BELT WITHOUT A/C*
5	1	P117120	AIR COND COMPRESSOR
6	1	P371622	FUEL FILTER
7	1	P370461	ENGINE OIL DIPSTICK

ENGINE SERVICE



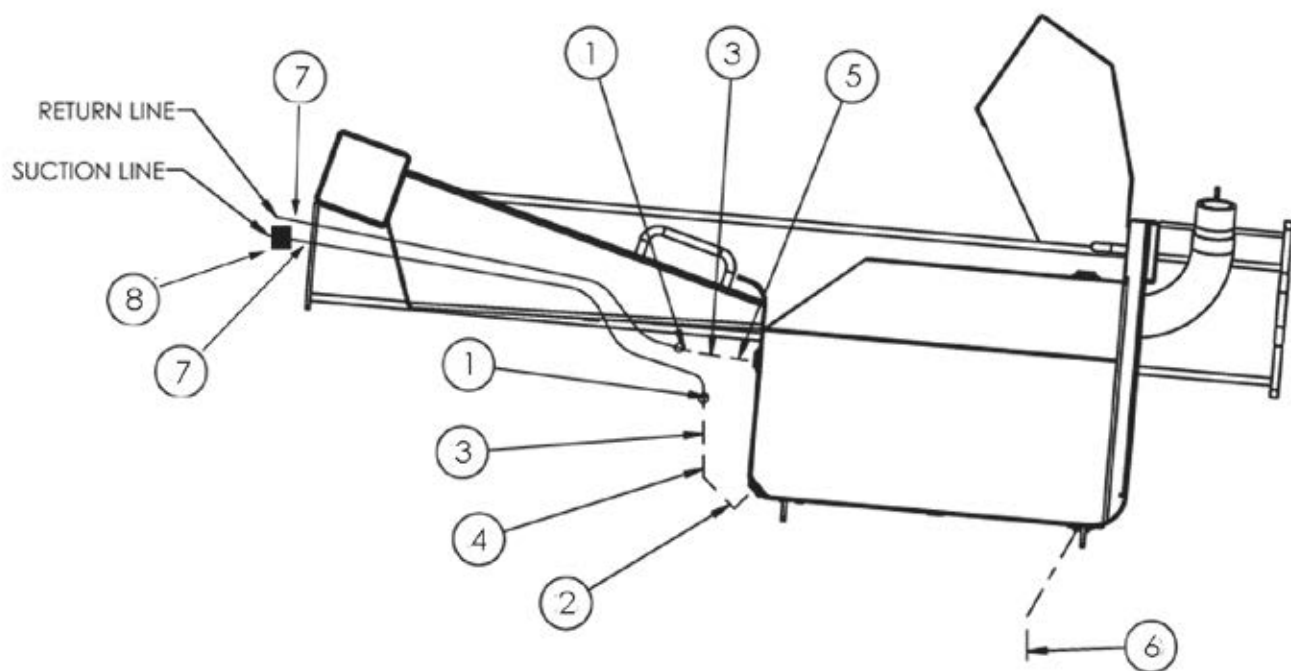
REAR ENGINE VIEW

<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



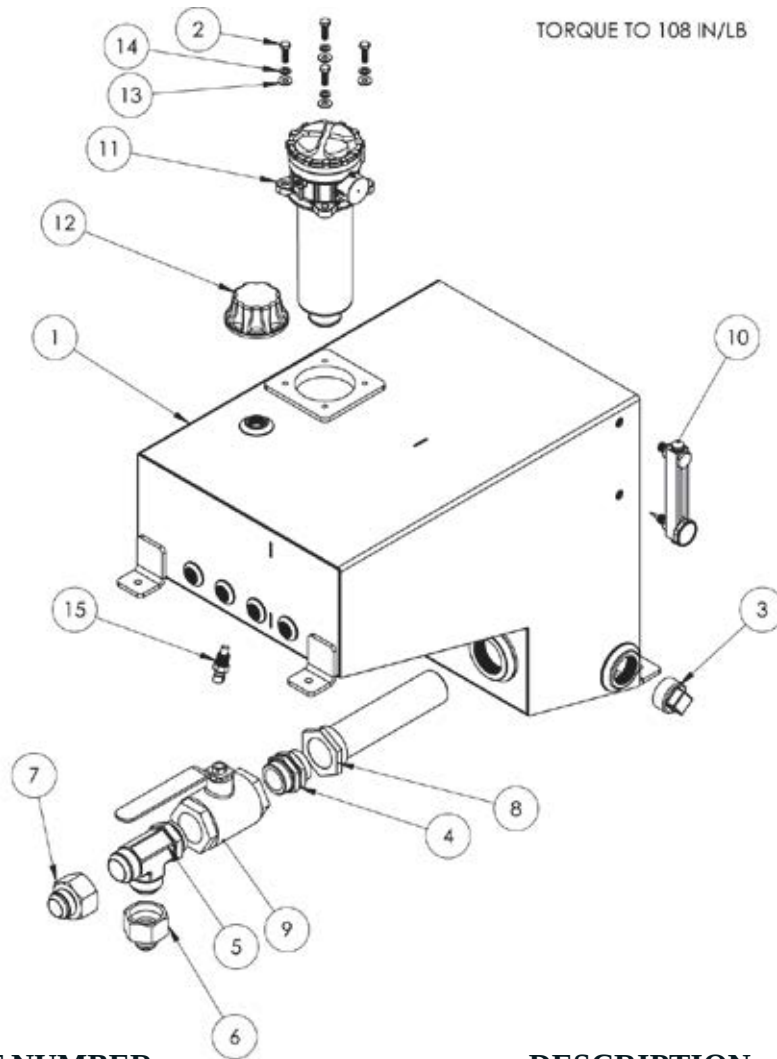
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
2	1	P297160	GAUGE: IND A/C DON #RAX002351
3	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
4	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG

FUEL LINE SCHEMATIC & LEGEND



<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	6	P128702	CLAMP: HOSE, SIZE 02
2	1	P261350	FITTING: 6MJ 6MB90
3	2	P261513	FITTING: 6FJ 5HB
4	1	P261526	FITTING: 6MJ 6FJX45
5	1	P276101	FITTING: 6MJ 6MB
6	1	P278005	PLUG: 8 MB
7	10	R99000703	HOSE: FUEL LINE, 5/16 ID
8	1	P371650	FILTER: FUEL, IN LINE

OIL RESERVIOR SCHEMATIC AND LEGEND



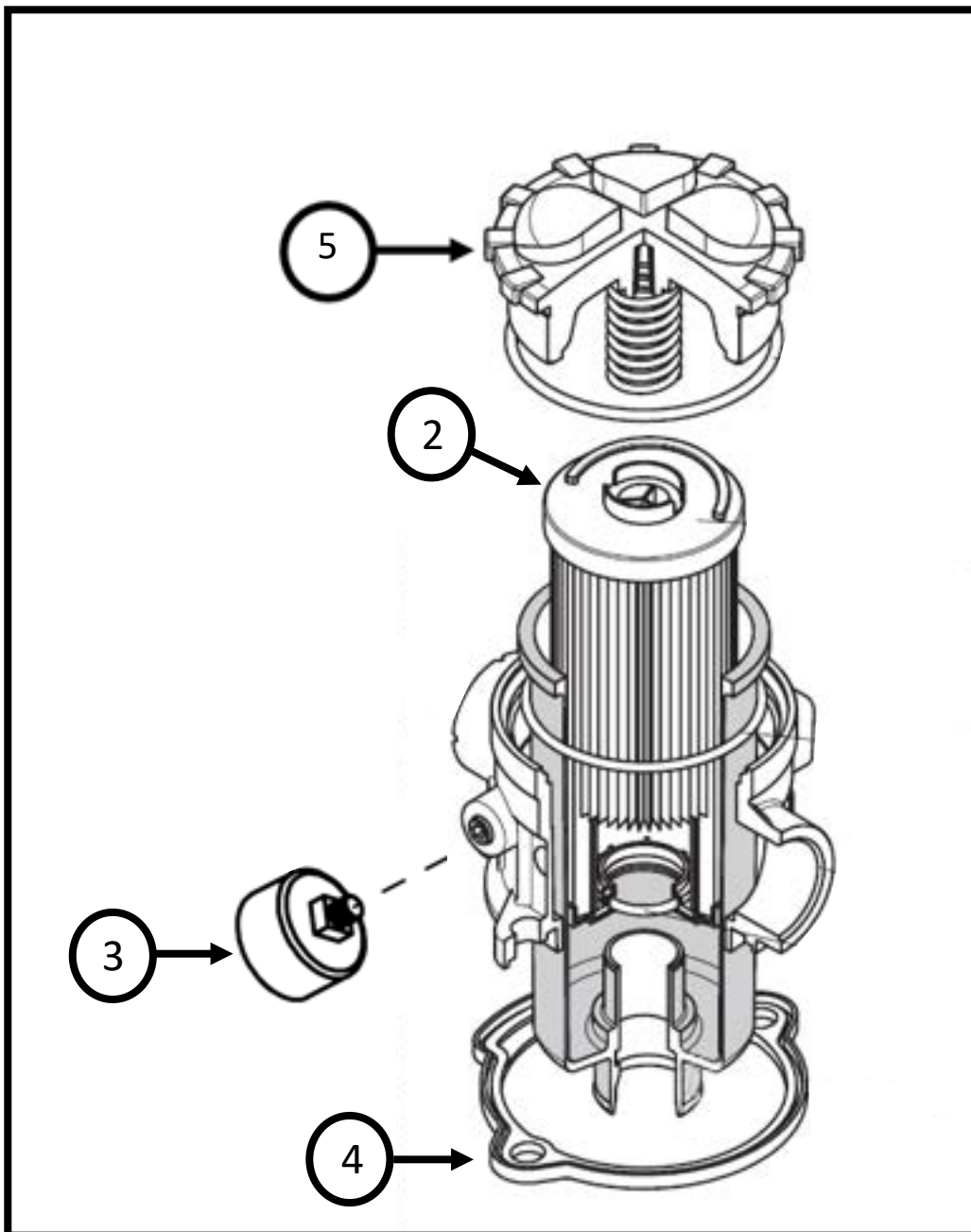
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550298	WLDT: OIL RESERVOIR
2	4	P100504	BOLT: HEX, 5/16" NC X 1" GR5
3	1	P270360	PLUG: MAGNETIC 1.5 MPT
4	1	P276700	FITTING: 16MJ 16MB90
5	1	P278108	FITTING:24MB 24MJ 24MJ
6	1	P278130	FITTING; 24FJ 16MJ REDUCER
7	1	P278132	FITTING; 24FJ 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
*	1	P371861	FILTER: HYD ELEMENT MF100 3A10HB
12	1	P371862	BREATHER: TANK PRESSURIZED
13	4	P850104	WASHER: FLAT 1/4" ZP
14	4	P851105	WASHER: LOCK 5/16"
15	1	P372310	SENSOR: HYDRAULIC TEMPERTURE

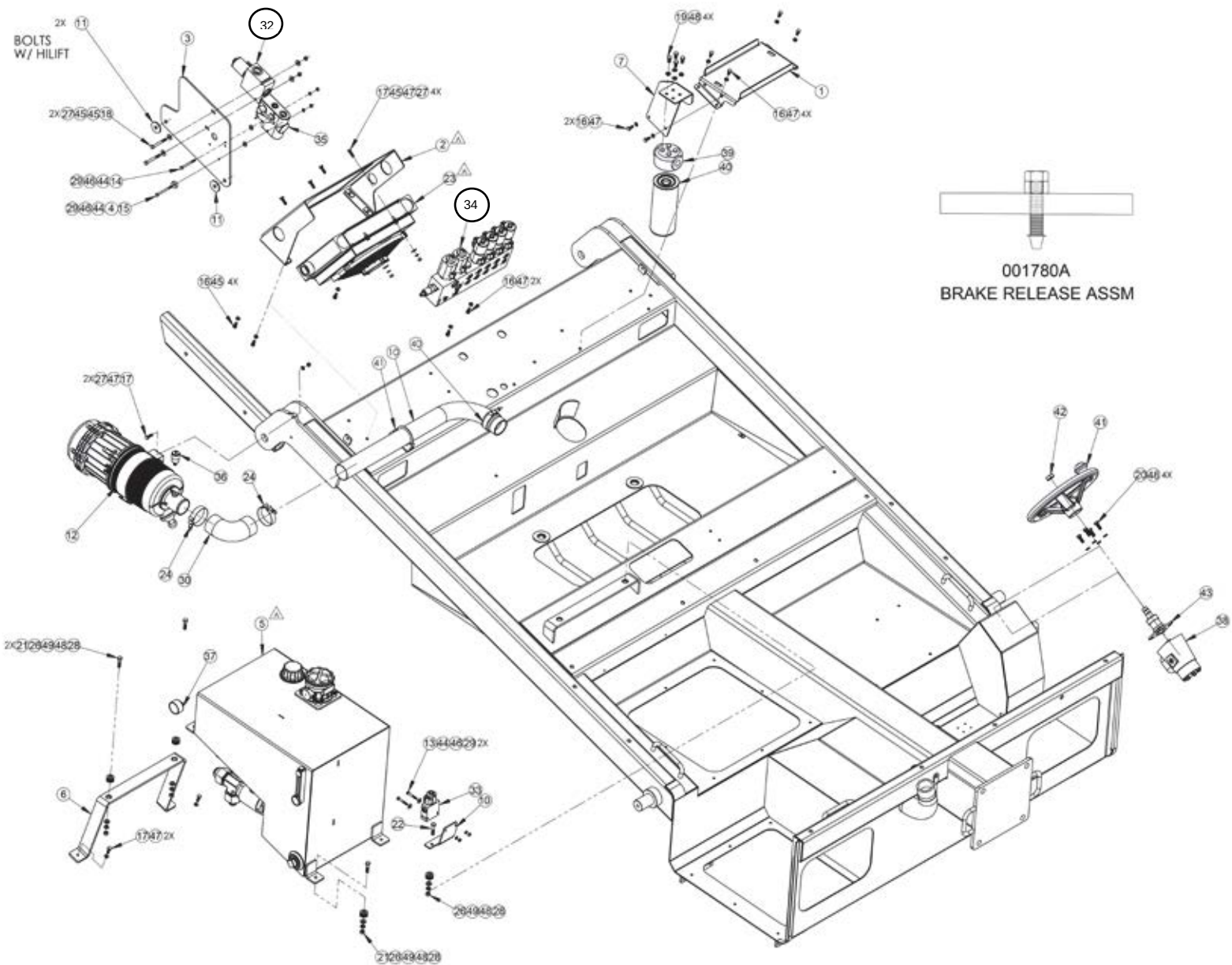
*NOT SHOWN: 71.550598

SENSOR: HYDRAULIC LEVEL OPTIC

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





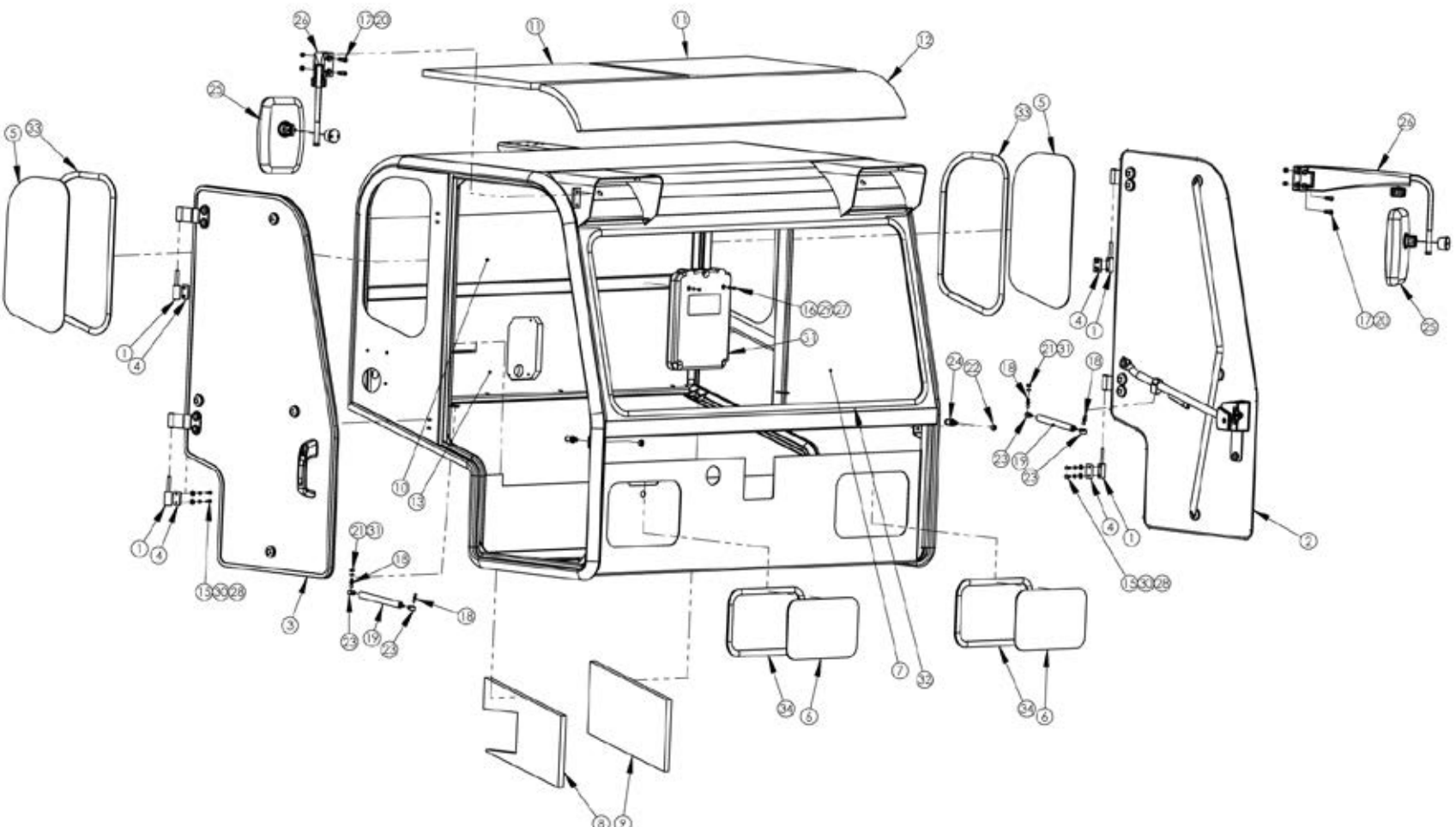
RESERVOIR, VALVE, AIR CLEANER LEGEND

ITEM	QTY	PART #	DESCRIPTION
1	1	550043	WLDT: BATTERY MT
2	1	550350	MT: OIL COOLER
3	1	550126	BRKT: VALVE MT
4	1	550127	SPACER, VALVE STOP
5	1	550299	ASM: OIL RESERVOIR
6	1	550133	BRKT: OIL TANK MT
7	1	550173	CHARGE FILTER MT
8	1	550210	TUBE, INTAKE ELBOW
9	1	550211	PAD, INTAKE TUBE STOP
10	1	550262	BRACKET, VALVE MOUNT
11	2	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
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	P292500	VALVE: VA04-0699-1
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
NA	1	001780A	BRAKE RELEASE BAR

*NOT PICTURED

71.P117310 HYD COOLING FAN

CAB ASSEMBLY SCHEMATIC



CAB ASSEMBLY LEGEND

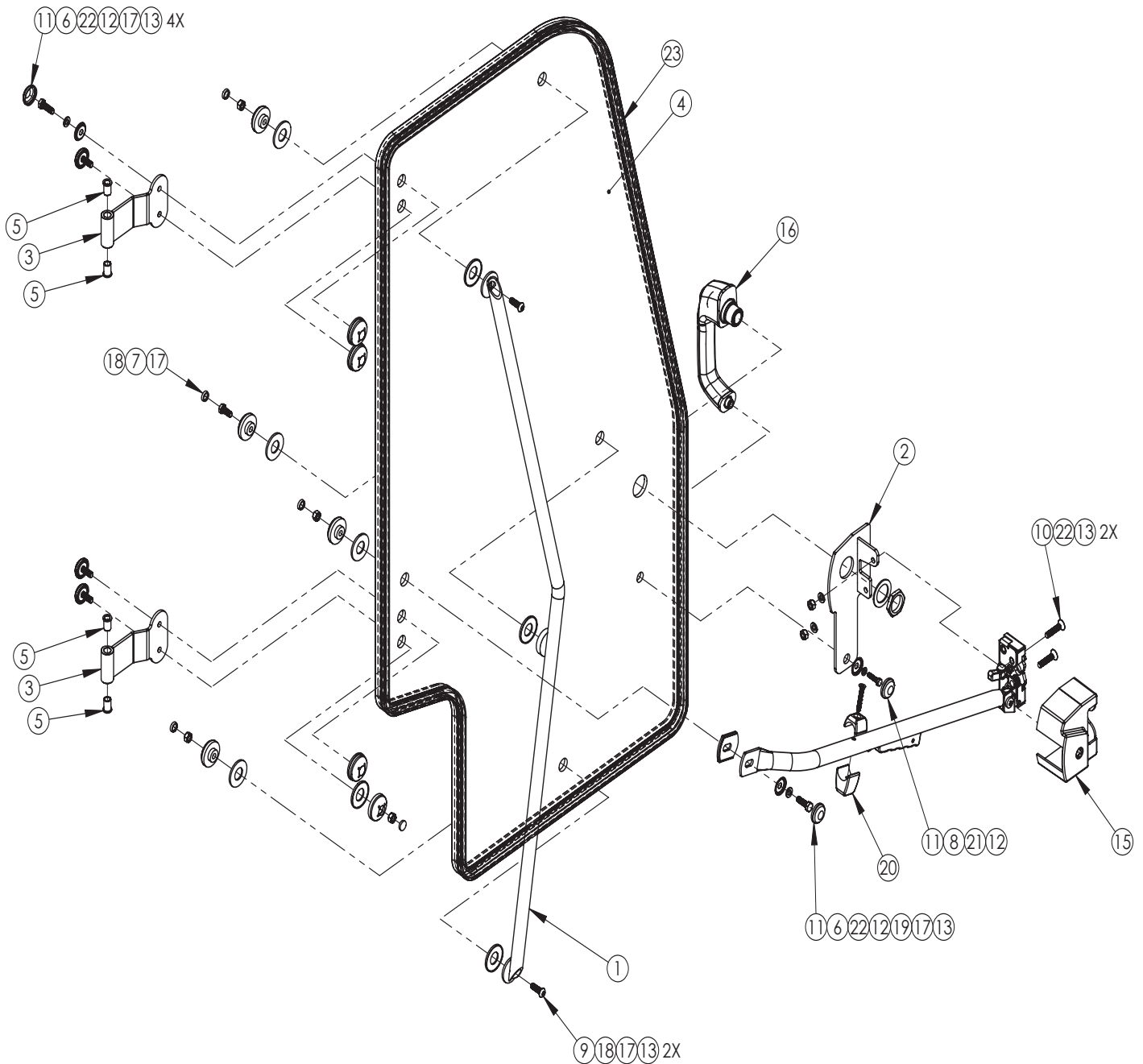
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	4	550174	HINGE BASE: CAB DOOR
2	1	550201	DOOR ASM LH 5500
3	1	550202	DOOR ASM 5500 RH
4	4	550242	TAB: HINGE SPACER
5	2	550247	GLASS: CAB SIDE
6	2	550248	GLASS: CAB LOWER FRONT
7	1	550249	GLASS: CAB WINDSHIELD
8	1	550274	FOAM: LOWER RH
9	1	550275	FOAM: LOWER LH
10	1	550280	FOAM: CAB UPPER INSIDE BACK
11	2	550281	FOAM: 5500 CAB INSIDE TOP
12	1	550282	FOAM: 5500 CAB UPPER FRONT
13	1	550283	FOAM: CAB LOWER BACK INSIDE
14	1	550284	FOAM: CAB OUTSIDE BACK
15	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
16	2	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
17	4	P110604	BOLT: SOC HD, 3/8-16 X 1
18	4	P126305	BALL JOINT: 5/16 -18 STUD
19	2	P133091	SHOCK DAMPER : 5500 DOOR
20	4	P150600	NUT: HEX 3/8-16
21	2	P155350	NUT: HEX, 5/16 TOP-LOCK
22	2	P158043	NUT: HEX, M12 x 1 PLATED
23	4	P267002	FITTING: DAMPER END
24	2	P313005	MIRROR: EXTERIOR FLAT 5500
25	2	P313010	ASM, MIRROR ARM
26	2	P850103	WASHER: FLAT ZINC 3/16"
27	8	P850104	WASHER: FLAT 1/4" ZP
28	2	P851103	WASHER: LOCK 3/16"
29	8	P851104	WASHER: LOCK 1/4"
30	2	P851105	WASHER: LOCK 5/16"
31	1	P999000	BOX: OWNERS MANUAL
32	1	R96574006	GASKET: WINDOW SEAL 1/16 PANEL X 15FT
33	2	R96574006	GASKET: WINDOW SEAL 1/16 PANEL X 5.35FT
34	2	R96574008	GASKET: WINDOW SEAL 1/8 PANEL X 3.85FT

71.P310119

REPLACEMENT DOOR KEY

LEFT DOOR ASSEMBLY SCHEMATIC

LEFT DOOR ASSEMBLY: 550201



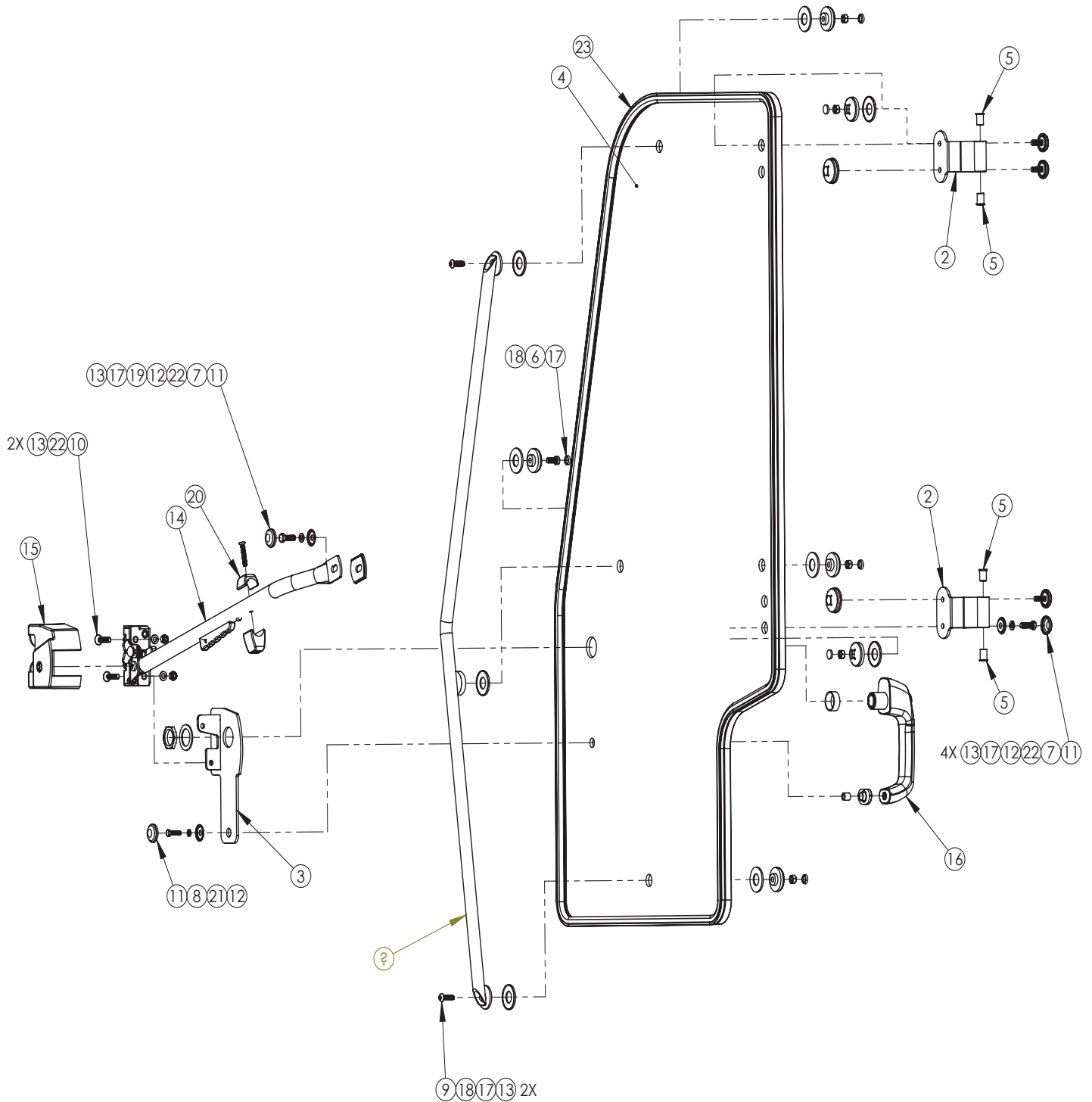
LEFT DOOR ASSEMBLY LEGEND

<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
23	13 FT	R96574001	GASKET: BULB SEAL A3224-6
23	13 FT	R96574001	GASKET: BULB SEAL A3224-6

71.P310119 REPLACEMENT DOOR KEY

RIGHT DOOR ASSEMBLY SCHEMATIC

RIGHT DOOR ASSEMBLY: 550202

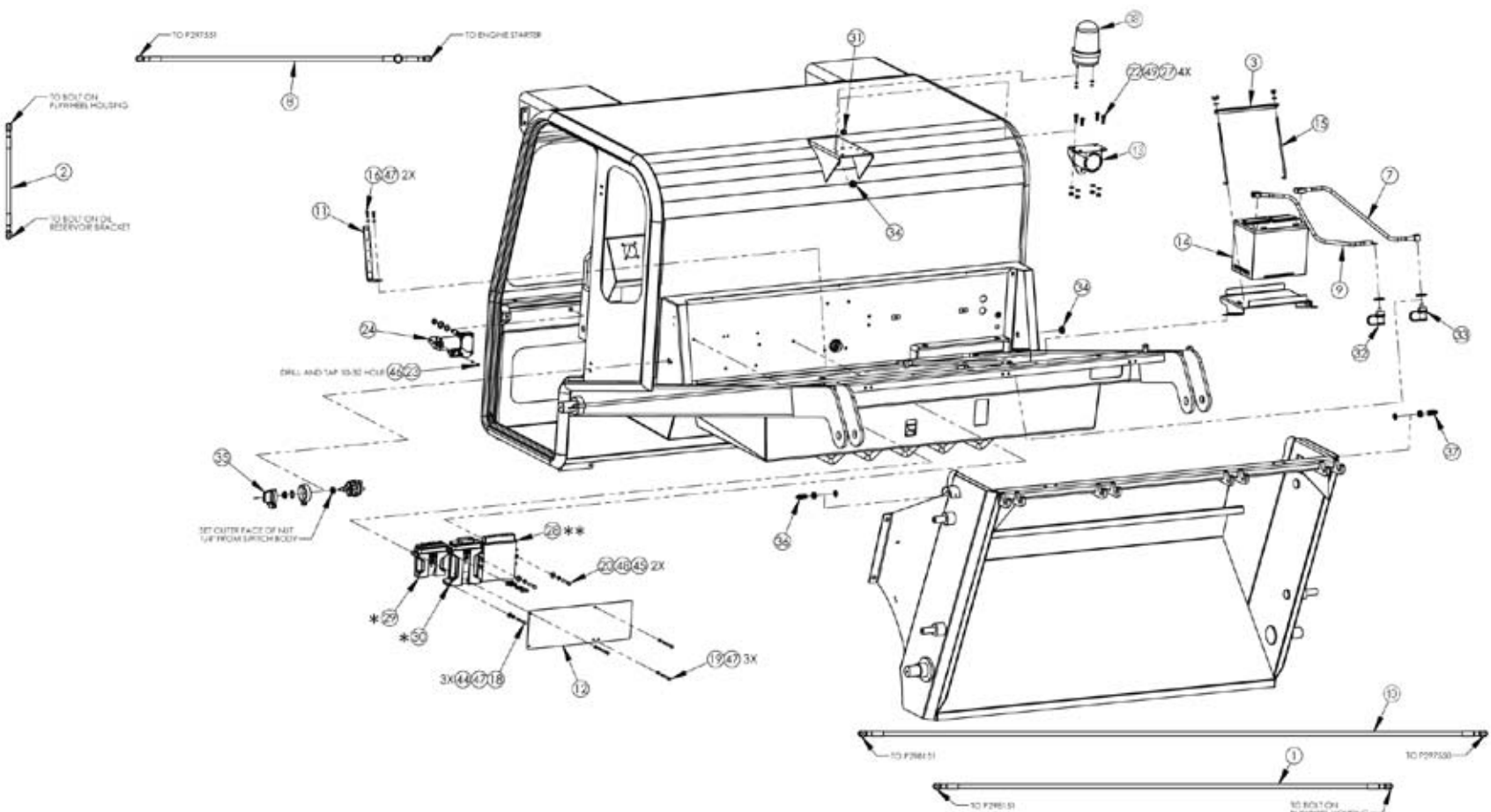


RIGHT DOOR ASSEMBLY SCHEMATIC

<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

CONTROL AND ELECTRICAL SCHEMATIC

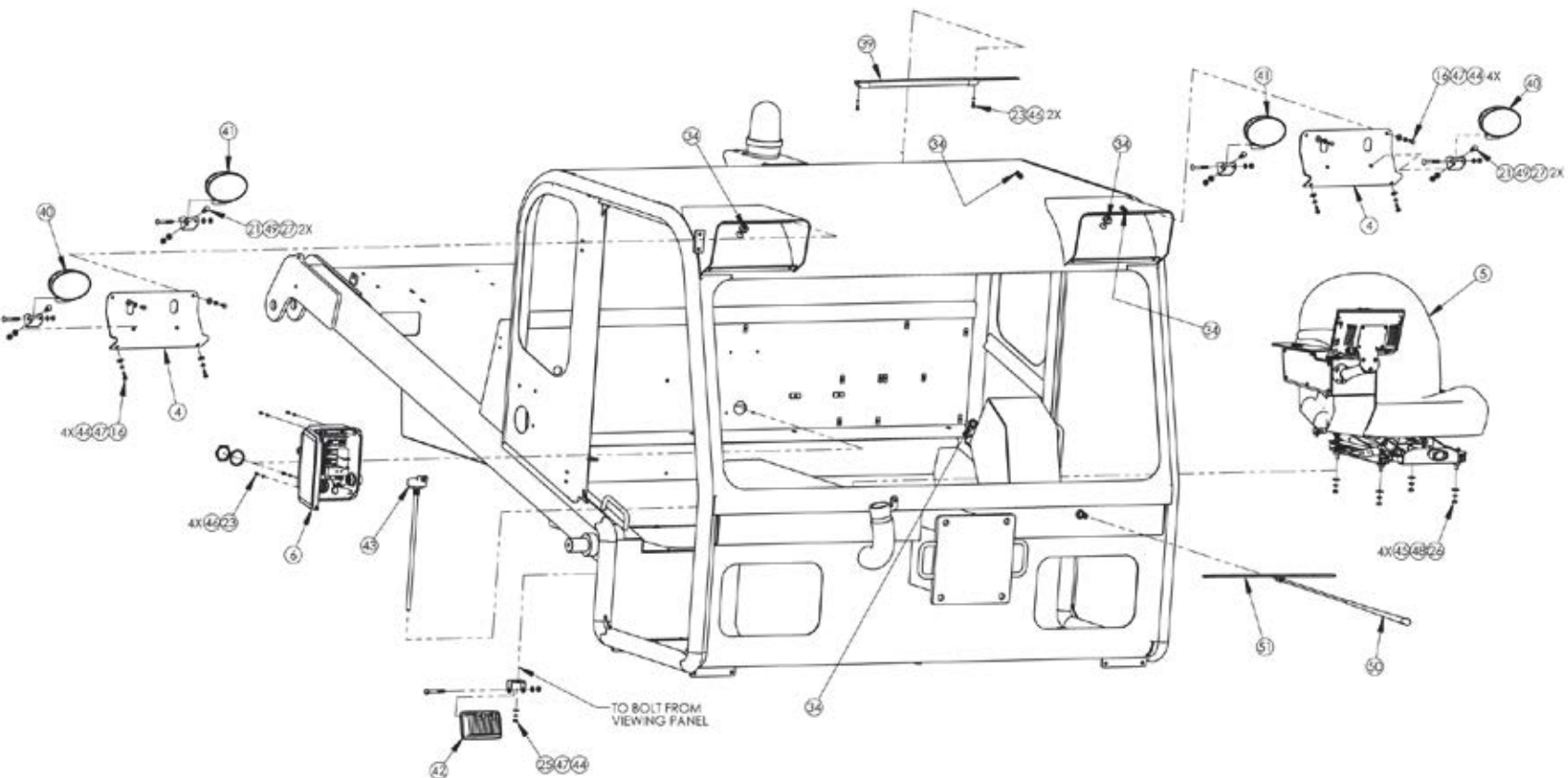


CONTROL AND ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	004967	CABLE: BATTERY 54" 3/8 X 3/8 BLK
2	1	004992	CABLE: BATTERY 12" 3/8 X 3/8 BLK
3	1	005067	ANGLE: BATTERY HOLD DOWN
7	1	550263	CABLE: BAT 1GA RED X 22"
8	1	550264	CABLE: BATTERY 34" 3/8 X 3/8 RED
9	1	550265	CABLE: BATTERY, 22" 3/8 X NLUG
10	1	550266	CABLE: BATTERY 74" 3/8 X 3/8 BLK
11	1	550276	BRACKET: RELAY MT
12	1	550285	SHIELD: CONTROLLER HEAT
13	1	P001720	ALARM: BACK-UP, PRECO 45AA
14	1	P002300	BATTERY: EXIDE 24F60
15	1	P002500	KIT: BATTERY HOLD DOWN BOLT
16	10	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
18	3	P100409	1/4-20 X 2-1/4 HEX BOLT
19	3	P100411	1/4-20 X 2-3/4 HEX BOLT
20	2	P100508	BOLT: HEX 5/16-18 NC X 2"
22	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
23	7	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
24	1	P133410	MOTOR: WIPER 5500
28	1	P296830	CONTROLLER: ECU- RE528702
29	1	P296881	MICRO-CONTROLLER: PLUS1-24
30	1	P296880	MICRO-CONTROLLER PLUS1-50
31	1	P297375	GROMMET: 3/8 BORE
32	1	P297550	TERM: JUMPER BATTERY #36661 BLACK
33	1	P297551	TERM: JUMPER BATTERY #36660 RED
34	7	P297625	GROMMET: 5/8 BORE
35	1	P298151	SWITCH: MASTER #44076
36	1	P298200	SENSOR: HOPPER CAPACITY TRANSMITTER
37	1	P298201	SENSOR: HOPPER CAPACITY RECEIVER
38	1	P312600	LIGHT: STROBE
44	14	P850104	WASHER: FLAT 1/4" ZP
45	6	P850105	WASHER: FLAT 5/16" ZP
46	7	P851103	WASHER: LOCK 3/16"
47	18	P851104	WASHER: LOCK 1/4"
48	6	P851105	WASHER: LOCK 5/16"
49	8	P851106	WASHER: LOCK 3/8" ZP

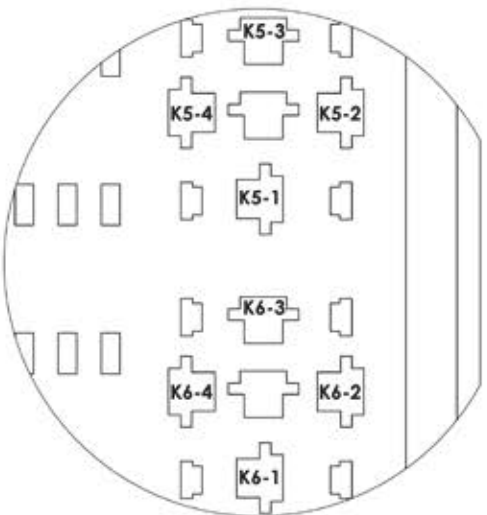
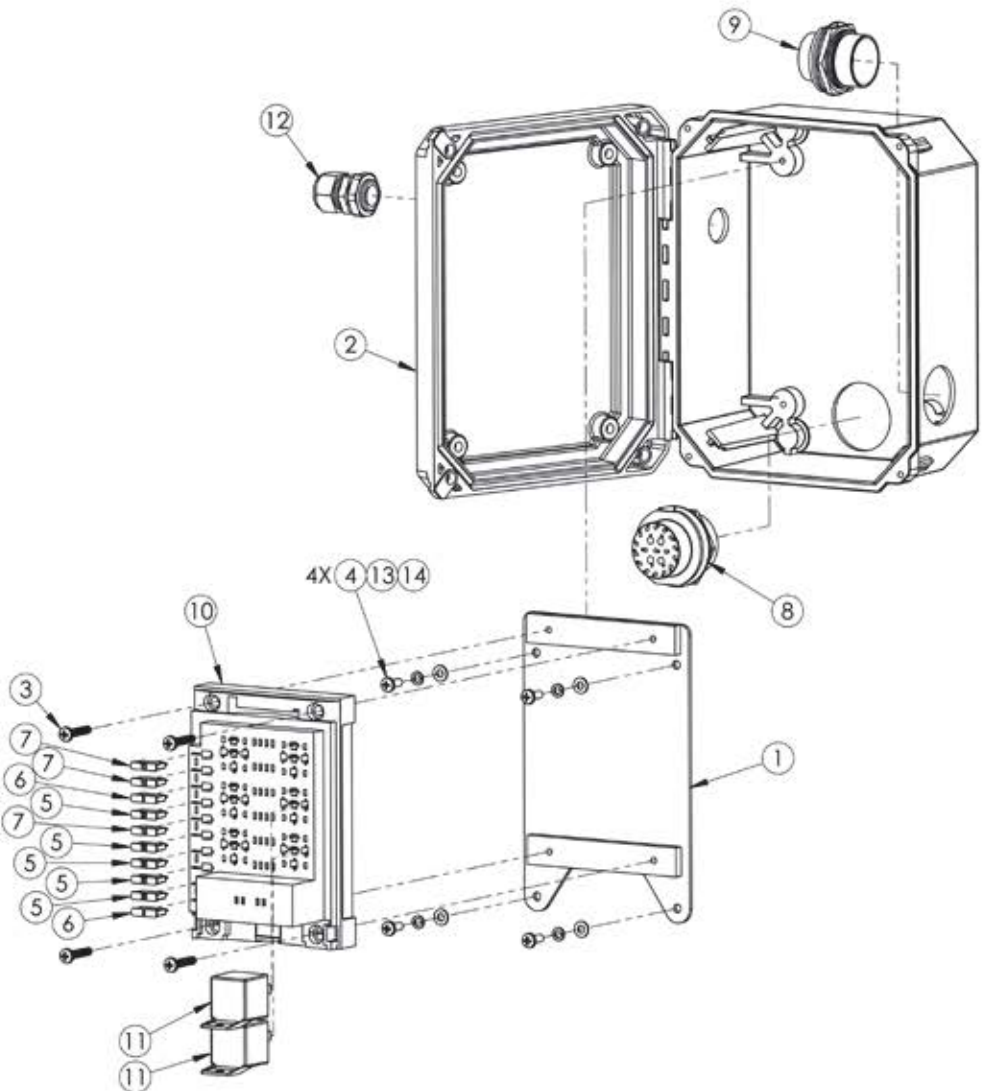
71.P296884 MAIN / CHASSIS HARNESS 5500 W/JD ENGINE (NOT SHOWN)

CONTROL AND ELECTRICAL SCHEMATIC



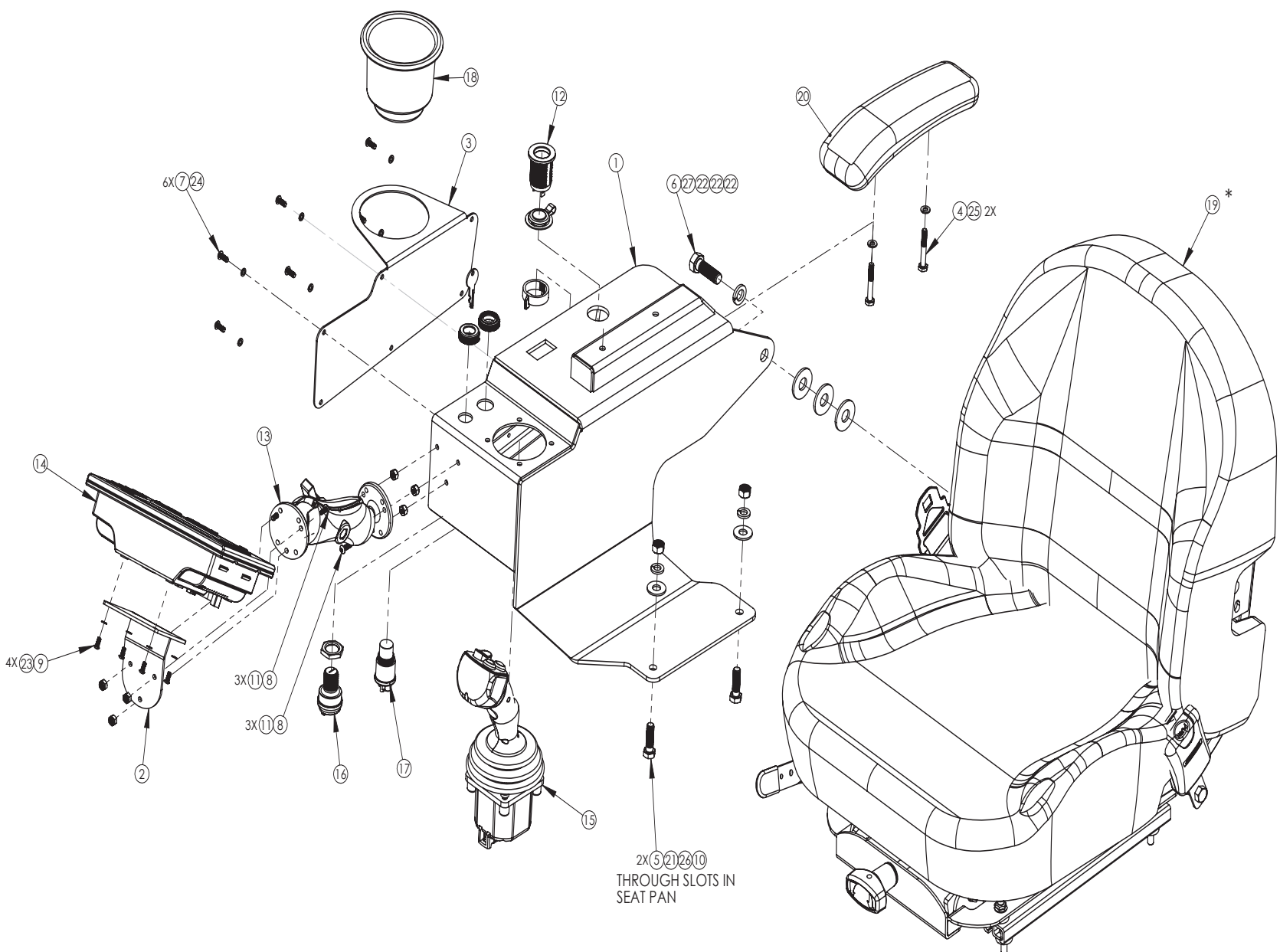
CONTROL AND ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
4	2	550094	LIGHT MT INSERT
5	1	550200	ASM: SEAT GROUP 5500
6	1	550250	ASM: ELECTRICAL ENCLOSURE
16	10	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
21	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
23	7	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
34	7	P297625	GROMMET: 5/8 BORE
39	1	P312710	LIGHT: CAB INTERIOR
40	2	P312720	LIGHT: OVAL WORK LED FLOOD
41	2	P312730	LIGHT: OVAL WORK LED WIDE FLOOD
42	1	P312750	LIGHT: WORKING LED RECT
43	1	P372210	SENDER: FUEL LEVEL T/LL131
44	14	P850104	WASHER: FLAT 1/4" ZP
45	6	P850105	WASHER: FLAT 5/16" ZP
46	7	P851103	WASHER: LOCK 3/16"
47	18	P851104	WASHER: LOCK 1/4"
48	6	P851105	WASHER: LOCK 5/16"
49	8	P851106	WASHER: LOCK 3/8" ZP
50	1	P860110	ARM: WIPER, ADJ 5500
51	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

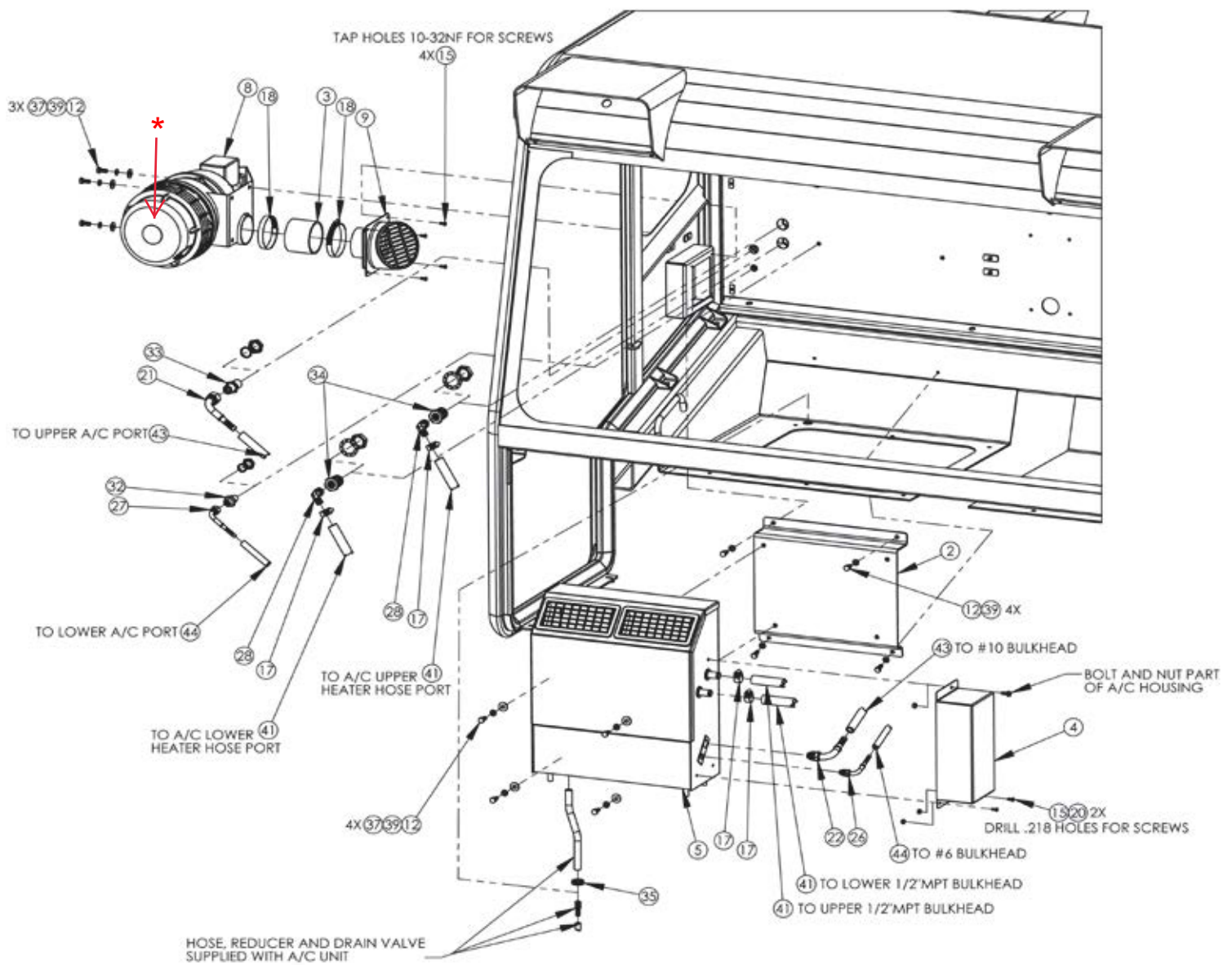


SEAT ASSEMBLY LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</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

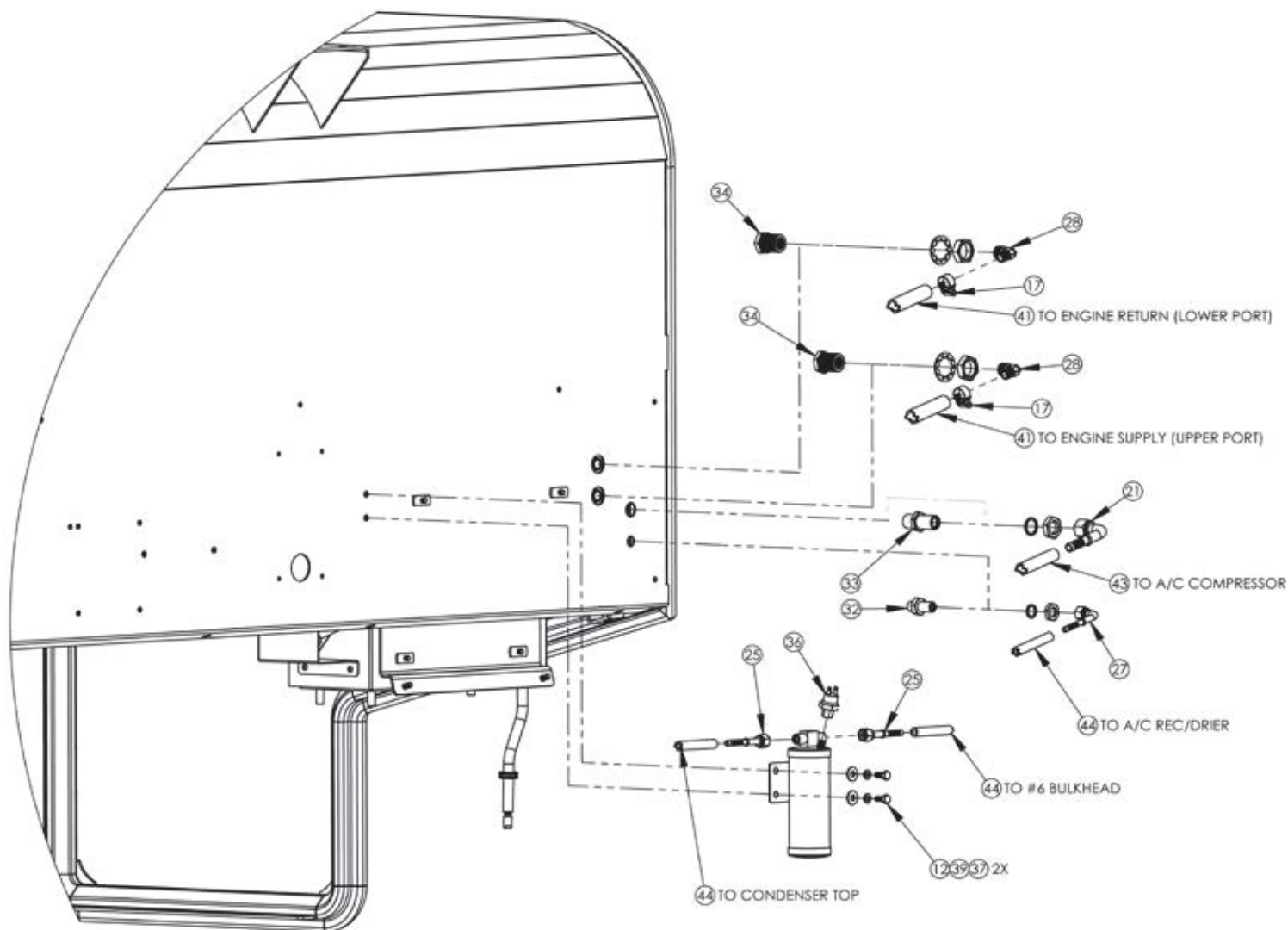


AIR CONDITIONING LEGEND

ITEM	QTY	PART#	DESCRIPTION
1	1	500292	BRKT: COMP MT DEERE
2	1	550204	BRKT: A/C MOUNT
3	1	550269	HOSE: 3"ID X 2.5"L
4	1	550273	SHIELD: AC HOSE
5	1	P001632	AIR COND: EAGLE EE201-1-12
6	1	P001633	AIR COND: EAGLE CONDENSER
7	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
8 *	1	P001635	CABARE PRESSURIZER* FILTER P/N BELOW
9	1	P001636	AIR COND: DEF LOUVER
10	1	P066202	BELT: A/C COMP DEERE
11	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
13	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
14	2	P103860	BOLT: METRIC M12-1.75 X 30
15	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
16	1	P117120	COMPRESSOR: AIR COND DENSO
17	8	P128712	CLAMP: HOSE, SIZE 12
18	2	P128748	CLAMP: HOSE, SIZE 48
19	4	P155350	NUT: HEX, 5/16 TOP-LOCK
20	2	P158010	NUT: HEX, #10-32 NYLOCK SS
21	2	P262110	FITTING: A/C #10 90 DEG FEM
22	2	P262112	FITTING: A/C #10 90 DEG MAL
23	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
24	1	P262121	FITTING: A/C #8 90 DEG MAL
25	2	P262140	FITTING: A/C #6 STR FEM
26	1	P262141	FITTING: A/C #6 90 DEG MAL
27	3	P262142	FITTING: A/C #6 90 DEG FEM
28	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
29	2	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
30	2	P267023	FITTING: M18MB 8FP
31	2	P267025	FITTING: 1/2NPT 45° ST ELBOW BRASS
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	P297625	GROMMET: 5/8 BORE
36	1	P298105	SWITCH: A/C BINARY PRESSURE
37	13	P850105	WASHER: FLAT 5/16" ZP
38	4	P851104	WASHER: LOCK 1/4"
39	17	P851105	WASHER: LOCK 5/16"
40	2	P851108	WASHER: LOCK 1/2" ZP
41	25 FT	R99000707	HOSE: HEATER 5/8" ID
42	5 FT	R99000708	HOSE: A/C #8 BULK
43	8 FT	R99000709	HOSE: A/C #10 BULK
44	10 FT	R99000710	HOSE: A/C #6 BULK

* 71.P371391 CAB AIR PRESSURE FILTER
 71.P001638 REPLACEMENT COVER

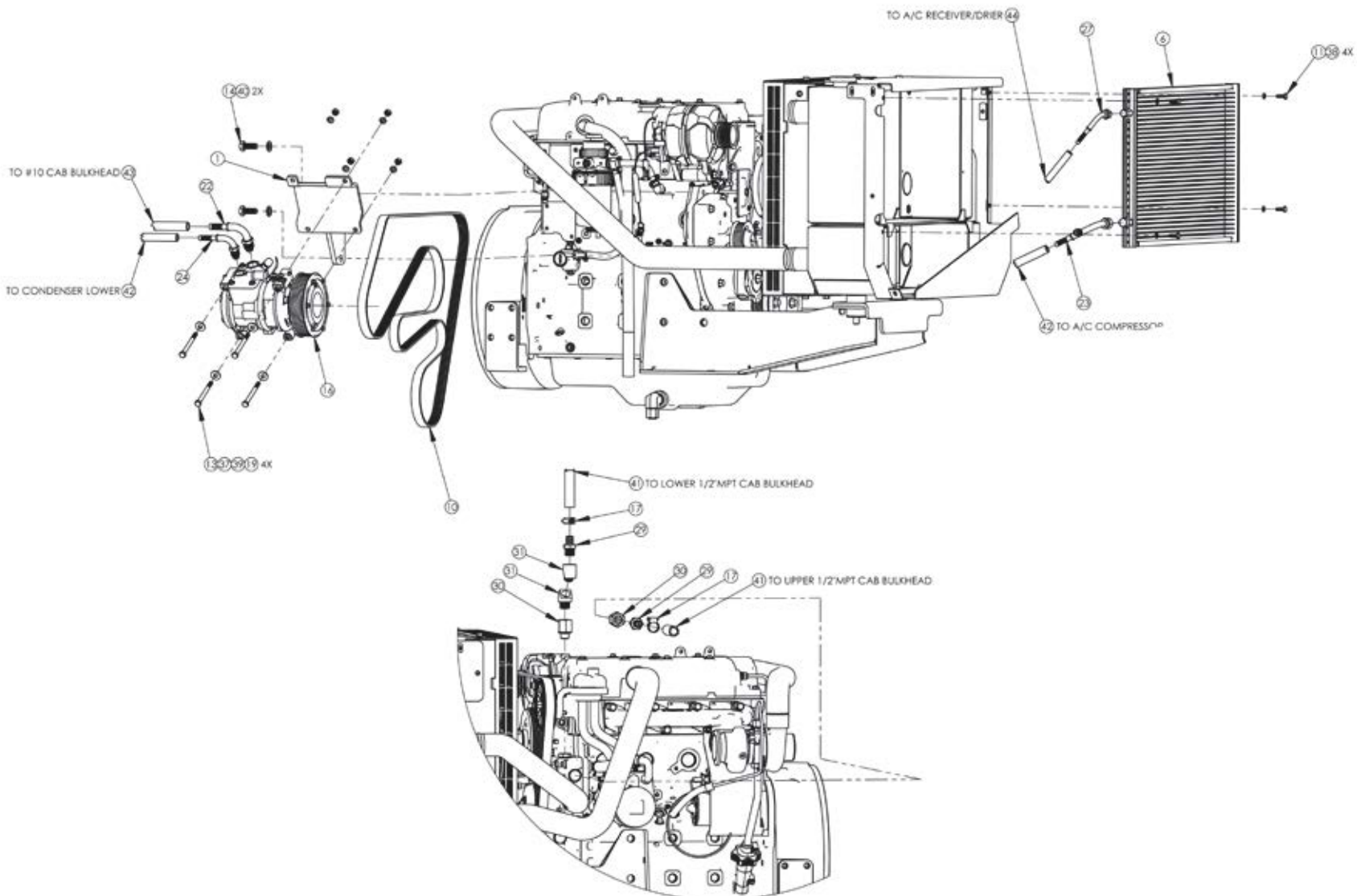
AIR CONDITIONING SCHEMATIC



AIR CONDITIONING LEGEND

ITEM	QTY	PART#	DESCRIPTION
1	1	500292	BRKT: COMP MT DEERE
2	1	550204	BRKT: A/C MOUNT
3	1	R99000512	HOSE: 3"ID X 2.5"L
4	1	550273	SHIELD: AC HOSE
5	1	P001632	AIR COND: EAGLE EE201-1-12
6	1	P001633	AIR COND: EAGLE CONDENSER
7	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
8	1	P001635	CABARE PRESSURIZER
9	1	P001636	AIR COND: DEF LOUVER
10	1	P066202	BELT: A/C COMP DEERE
11	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
13	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
14	2	P103860	BOLT: METRIC M12-1.75 X 30
15	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
16	1	P117120	COMPRESSOR: AIR COND DENSO
17	8	P128712	CLAMP: HOSE, SIZE 12
18	2	P128748	CLAMP: HOSE, SIZE 48
19	4	P155350	NUT: HEX, 5/16 TOP-LOCK
20	2	P158010	NUT: HEX, #10-32 NYLOCK SS
21	2	P262110	FITTING: A/C #10 90 DEG FEM
22	2	P262112	FITTING: A/C #10 90 DEG MAL
23	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
24	1	P262121	FITTING: A/C #8 90 DEG MAL
25	2	P262140	FITTING: A/C #6 STR FEM
26	1	P262141	FITTING: A/C #6 90 DEG MAL
27	3	P262142	FITTING: A/C #6 90 DEG FEM
28	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
29	2	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
30	2	P267023	FITTING: M18MB 8FP
31	2	P267025	FITTING: 1/2NPT 45° ST ELBOW BRASS
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	P297625	GROMMET: 5/8 BORE
36	1	P298105	SWITCH: A/C BINARY PRESSURE
37	13	P850105	WASHER: FLAT 5/16" ZP
38	4	P851104	WASHER: LOCK 1/4"
39	17	P851105	WASHER: LOCK 5/16"
40	2	P851108	WASHER: LOCK 1/2" ZP
41	25 FT	R99000707	HOSE: HEATER 5/8" ID
42	5 FT	R99000708	HOSE: A/C #8 BULK
43	8 FT	R99000709	HOSE: A/C #10 BULK
44	10 FT	R99000710	HOSE: A/C #6 BULK

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	R99000512	HOSE: 3"ID X 2.5"L
4	1	550273	SHIELD: AC HOSE
5	1	P001632	AIR COND: EAGLE EE201-1-12
6	1	P001633	AIR COND: EAGLE CONDENSER
7	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
8	1	P001635	CABARE PRESSURIZER
9	1	P001636	AIR COND: DEF LOUVER
10	1	P066202	BELT: A/C COMP DEERE
11	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	13	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
13	4	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
14	2	P103860	BOLT: METRIC M12-1.75 X 30
15	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
16	1	P117120	COMPRESSOR: AIR COND DENSO
17	8	P128712	CLAMP: HOSE, SIZE 12
18	2	P128748	CLAMP: HOSE, SIZE 48
19	4	P155350	NUT: HEX, 5/16 TOP-LOCK
20	2	P158010	NUT: HEX, #10-32 NYLOCK SS
21	2	P262110	FITTING: A/C #10 90 DEG FEM
22	2	P262112	FITTING: A/C #10 90 DEG MAL
23	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
24	1	P262121	FITTING: A/C #8 90 DEG MAL
25	2	P262140	FITTING: A/C #6 STR FEM
26	1	P262141	FITTING: A/C #6 90 DEG MAL
27	3	P262142	FITTING: A/C #6 90 DEG FEM
28	4	P266025	ELBOW: BRASS 1/2NPT X 5/8 BARB
29	2	P267022	FITTING: 1/2NPT X 5/8 BARB NIPPLE
30	2	P267023	FITTING: M18MB 8FP
31	2	P267025	FITTING: 1/2NPT 45° ST ELBOW BRASS
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	P297625	GROMMET: 5/8 BORE
36	1	P298105	SWITCH: A/C BINARY PRESSURE
37	13	P850105	WASHER: FLAT 5/16" ZP
38	4	P851104	WASHER: LOCK 1/4"
39	17	P851105	WASHER: LOCK 5/16"
40	2	P851108	WASHER: LOCK 1/2" ZP
41	25 FT	R99000707	HOSE: HEATER 5/8" ID
42	5 FT	R99000708	HOSE: A/C #8 BULK
43	8 FT	R99000709	HOSE: A/C #10 BULK
44	10 FT	R99000710	HOSE: A/C #6 BULK

55BBD351

P-37

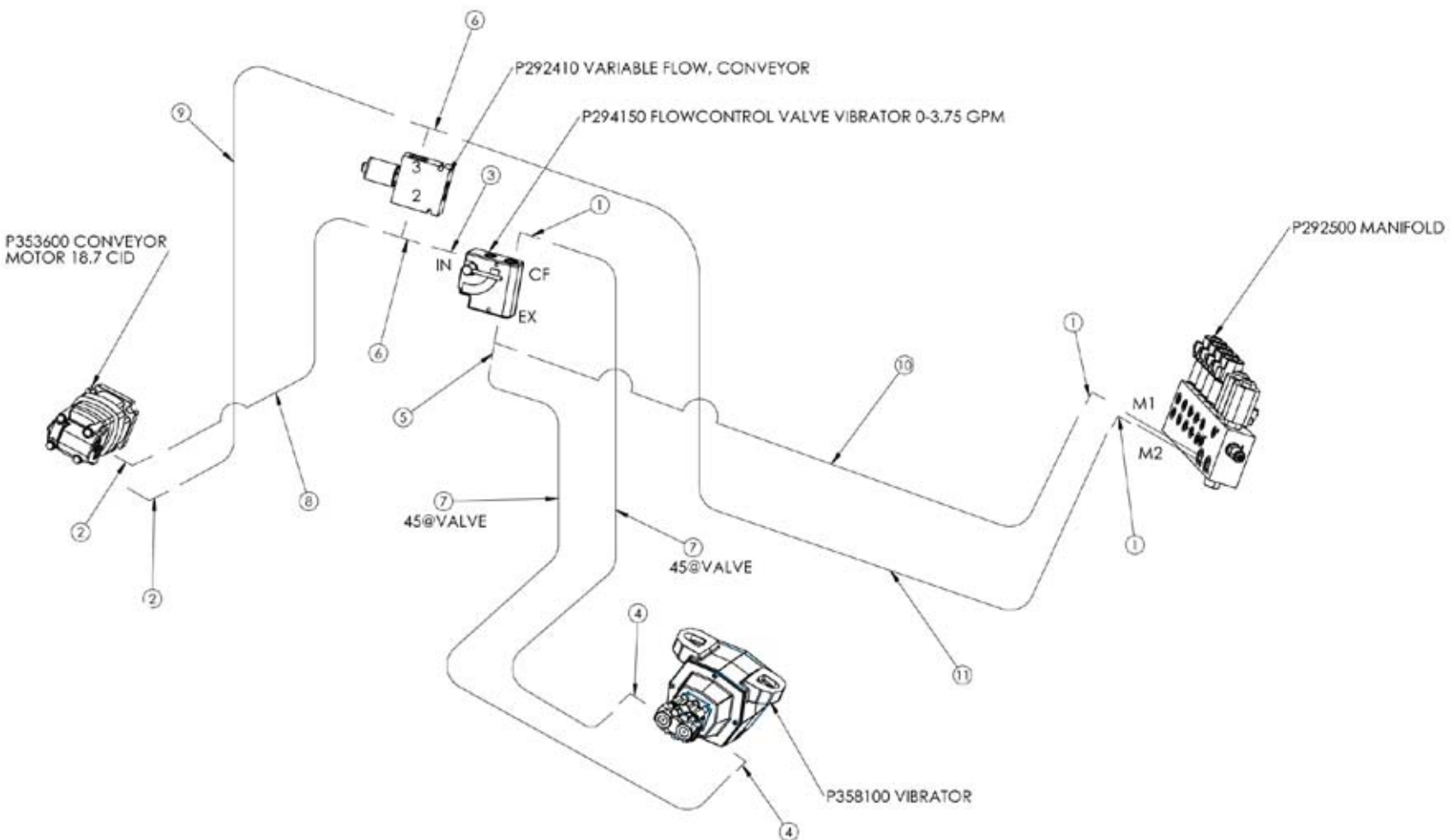




CAMERA SYSTEM LEGEND

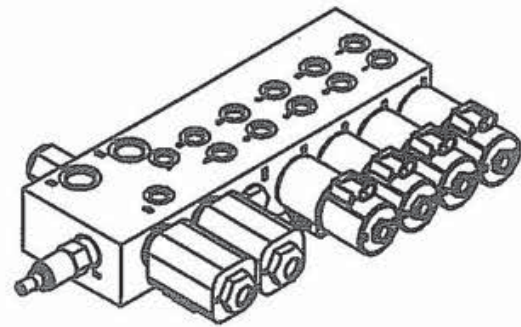
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550277	BRACKET, CAMERA MOUNT
2	1	550278	CABLE: VIDEO POWER LEAD
4	4	P106102	CAP SCREW, SOCKET HD 10-32 X 1/2 SS
4	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
5	4	P155250	NUT: HEX, 1/4" TOP-LOCK
6	2	P155350	NUT: HEX, 5/16 TOP-LOCK
7	4	P158010	NUT, NYLOCK 10-32 S S
8	2	P296872	CAMERA; VSS 700 RES HD
9	1	P296873	MONITOR, QUADVIEW 10"
10	2	P296874	CABLE: VIDEO 25 FOOT
11	1	P296876	BASE: PANA VISE MOUNT
12	2	P296878	CABLE: ADAPTER 4 TO 5 PIN
13	4	P851104	WASHER: LOCK 1/4"
14	2	P851105	WASHER: LOCK 5/16"

CONVEYOR, VIBRATORY CIRCUIT SCHEMATIC

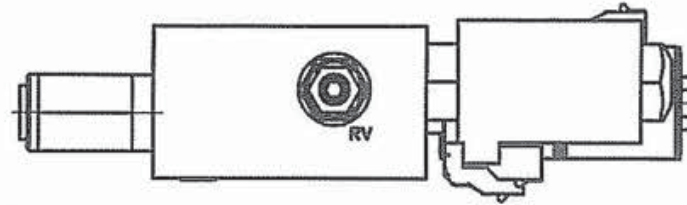


CONVEYOR, VIBRATORY CIRCUIT LEGEND

<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	P261552	FITTING, 8MJ 8MB 90
5	1	P265702	FITTING, 10MJ 10MB 10MJ
6	2	P265703	FITTING, 10MJ 10MJ 10MB
7	2	P234081	HOSE, 8AM X 81 8FJX 10FJX45
8	1	P235030	HOSE, 10AM X 30 10FJX 10FJX
9	1	P235034	HOSE, 10AM X 34 10FJX 10FJX
10	1	P235064	HOSE, 10AM X 64 10FJX 10FJX
11	1	P235058	HOSE, 10AM X 58 10FJX 10FJX



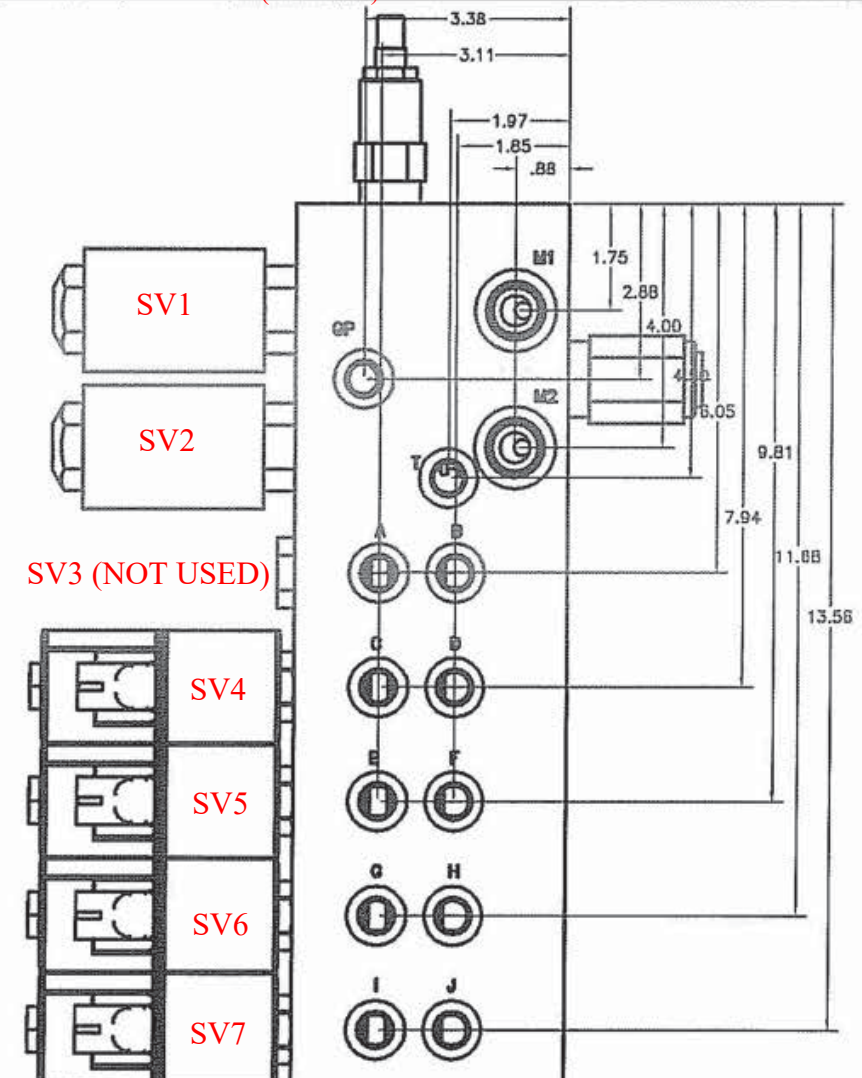
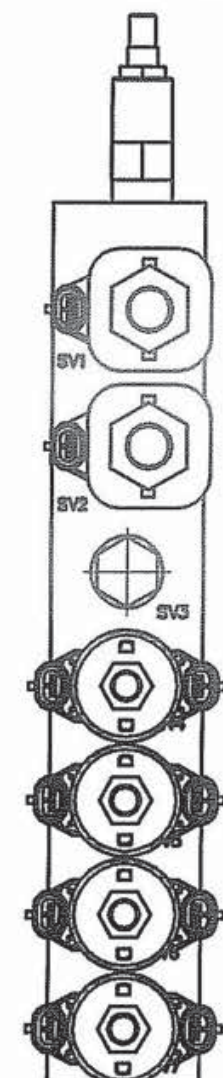
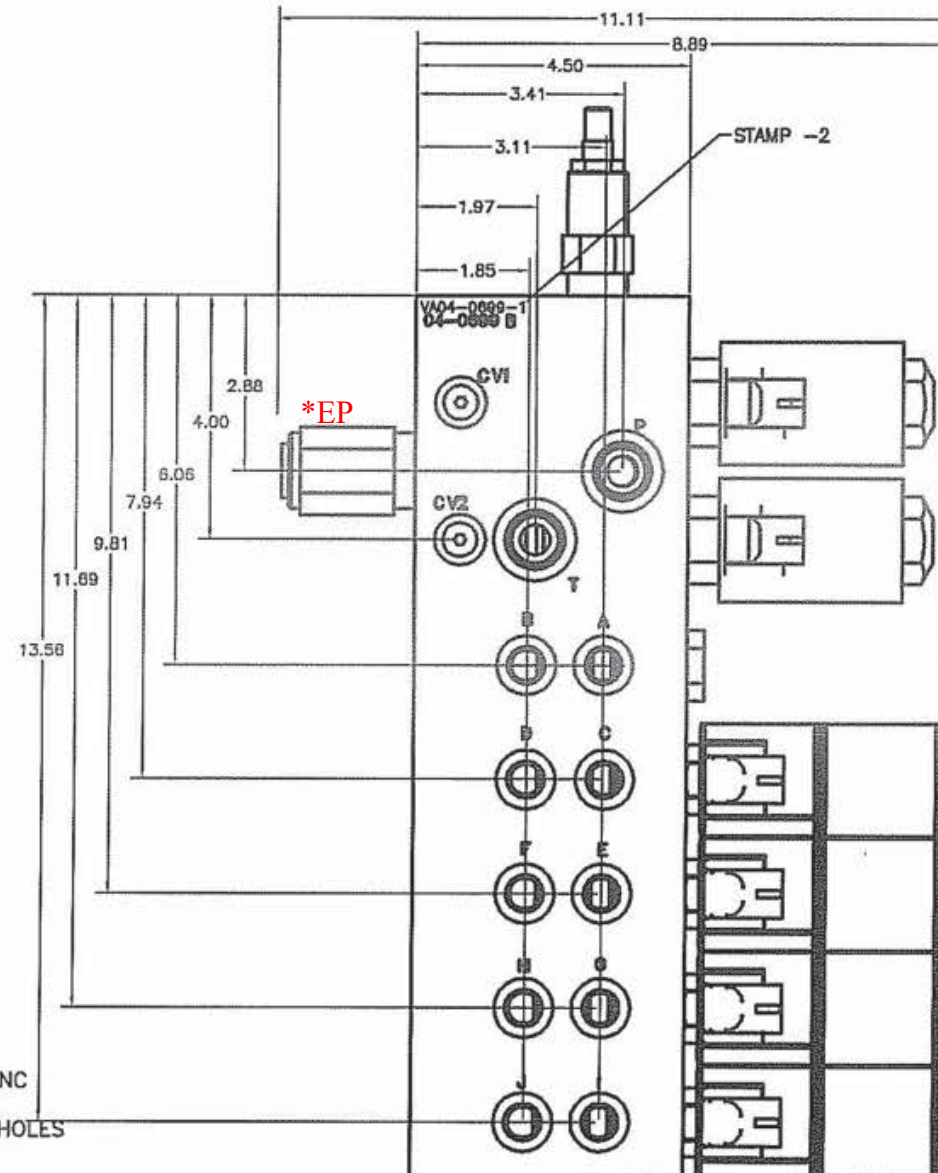
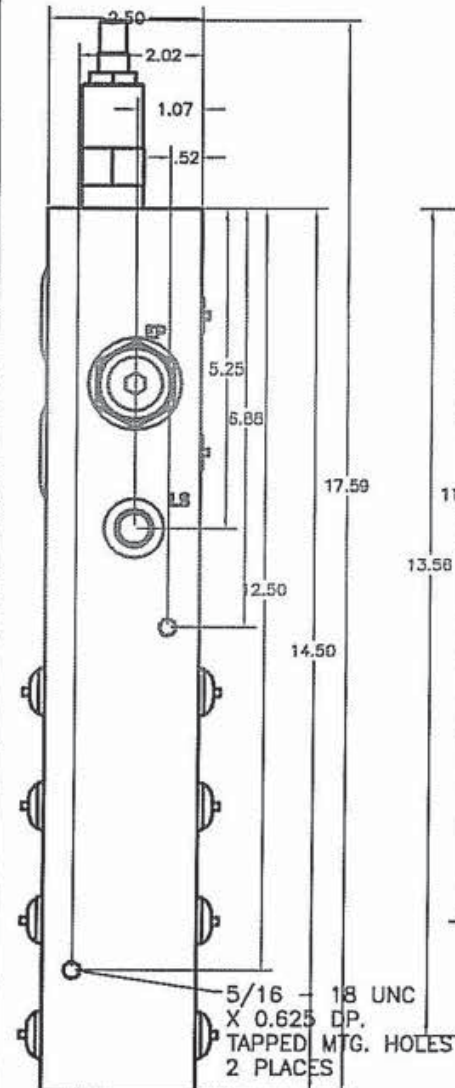
CBC P/N: 71.P292500
MODEL 5500 MAIN HYDRAULIC VALVE (EARLY)
*EP VALVE CARTRIDGE MOUNTED EXTENDS PAST BLOCK



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.P292110	71.P297117
SV7	71.P292402	71.P292110	71..P297117

RV (relief valve) 71.P292401
EP (ep valve) 71.P291114

*RELIEF VALVE SETTING: 2800 PSI (193 BAR)



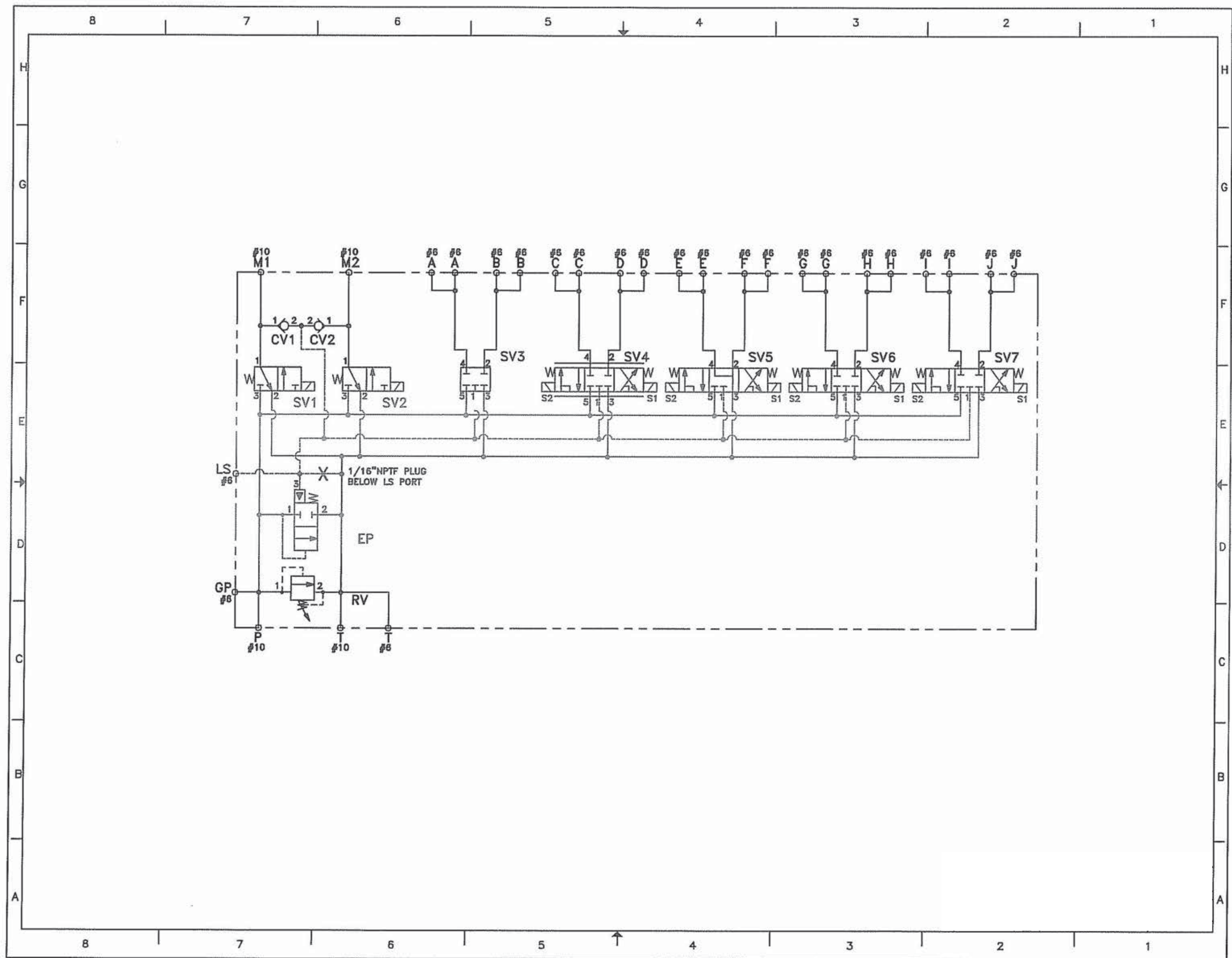
M1, M2 - CONVEYOR FORWARD / REVERSE (SV1 FWD / SV2 REV)
A+B - DISABLED (SV3)
C+D - DIGGER LIFT, RAISE / LOWER PROPORTIONAL (SV4)
E+F - HOPPER LIFT, RAISE / LOWER (SV5)
G+H - HOPPER DUMP, OPEN / CLOSE (SV6)
I+J - GROOMER, RAISE / LOWER (S7)

NOTES:
PORT SIZES: SAE #6 9/16-18 THREAD, SAE #10 7/8-14 THREAD
BODY / BLOCK MATERIAL: 6061 T-6 ALUMINUM GOLD ANODIZE

WORK SECTION LOCATION FUNCTION:

SV1 FORWARD CONVEYOR
SV2 REVERSE CONVEYOR
SV3 NOT USED
SV4 DIGGER POINT LIFT / LOWER
SV5 HOPPER BOOM LIFT / LOWER
SV6 HOPPER DOOR OPEN / CLOSE
SV7 GROOMER LIFT / LOWER

TOP COIL: LOWER BOTTOM COIL: LIFT
TOP COIL: LOWER BOTTOM COIL: LIFT
TOP COIL: CLOSE BOTTOM COIL: OPEN
TOP COIL: LOWER BOTTOM COIL: LIFT

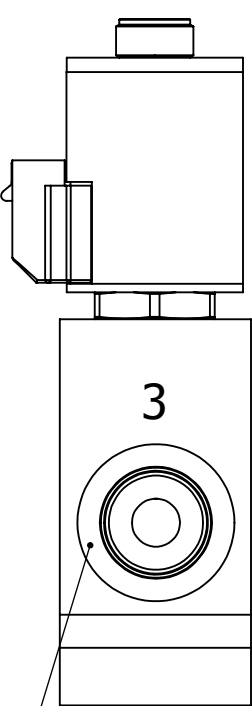
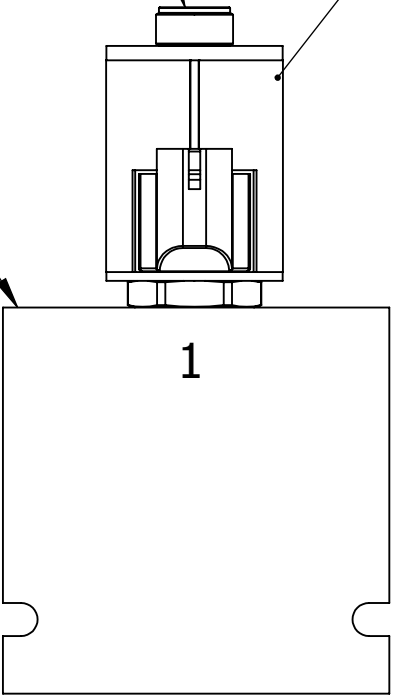
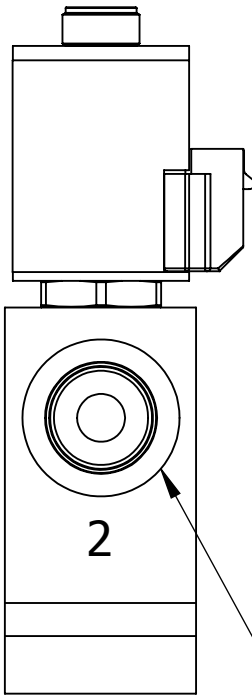


71.P292410 CONVEYOR SPEED PROPORTIONAL VALVE ASSEMBLY

COMPLETE VALVE ASSEMBLY
CBC P/N: 71.P292410

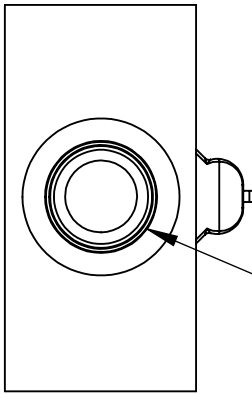
CARTRIDGE SPOOL VALVE CARTRIDGE SPOOL SEAL KIT
CBC P/N: 71.P292416 CBC P/N: 71.P291123

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



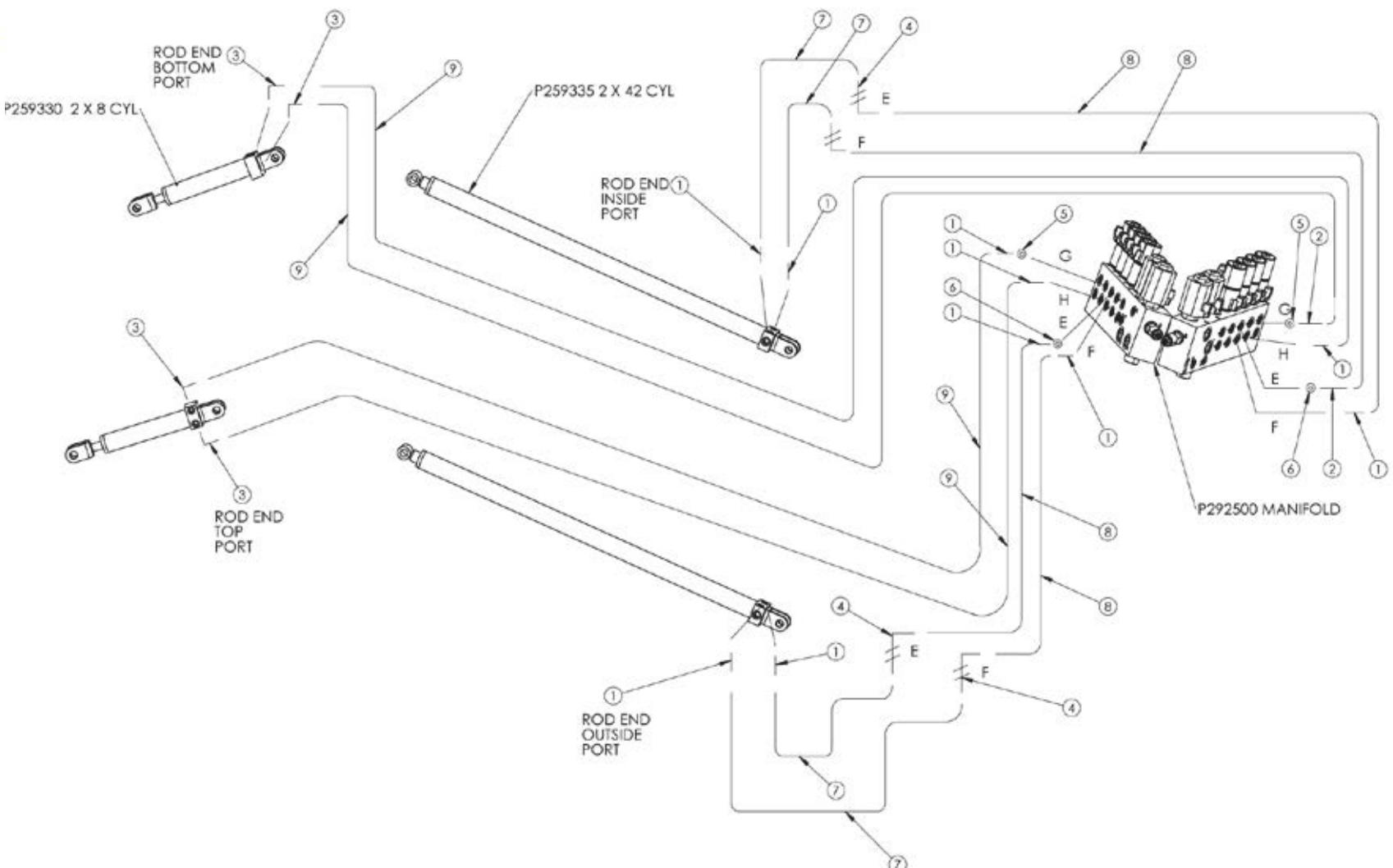
-10 O RING PORT

-10 ORING PORT
CONTROLLED FLOW



BOTTOM PORT PLUGGED

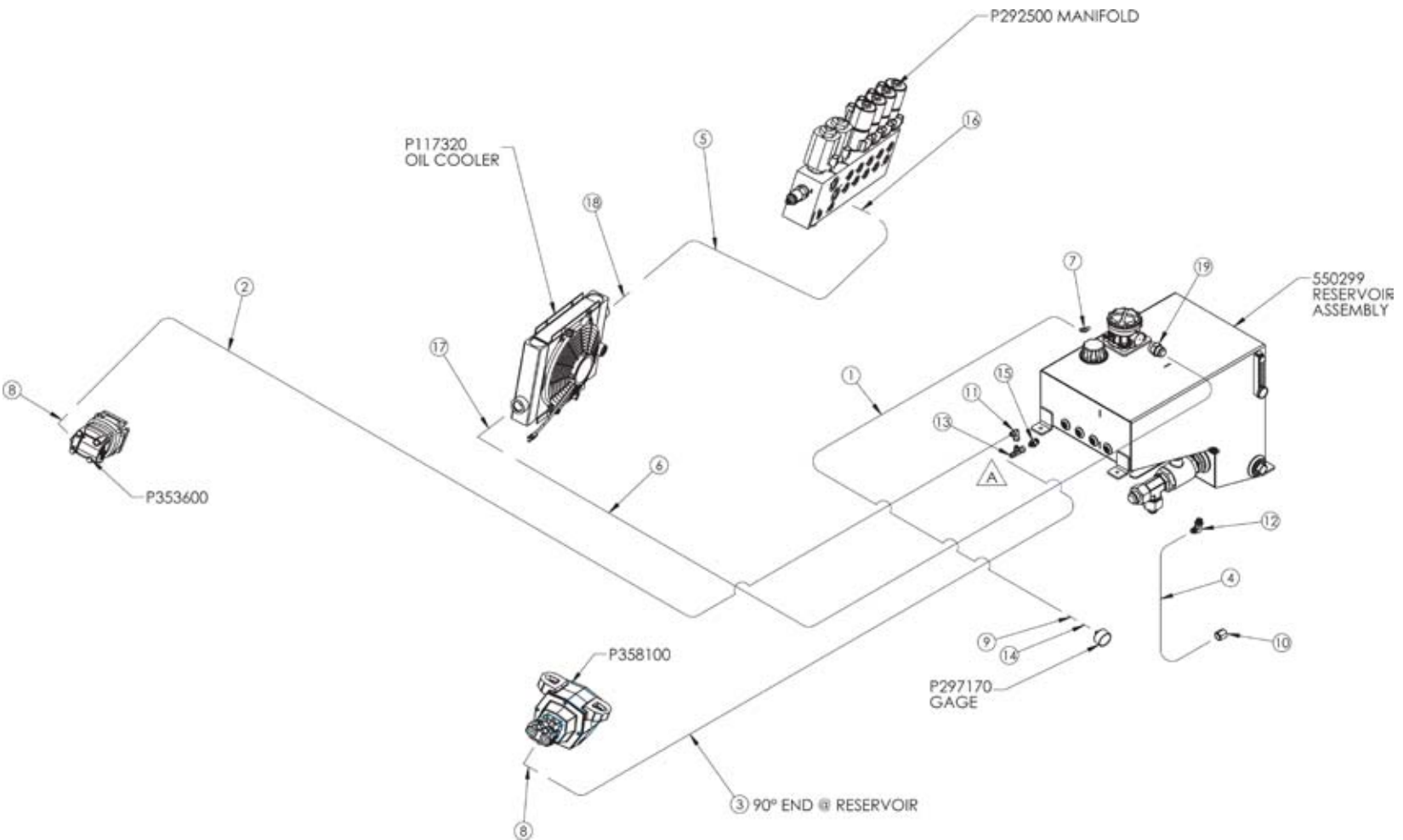
HIGH LIFT CIRCUIT SCHEMATIC



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

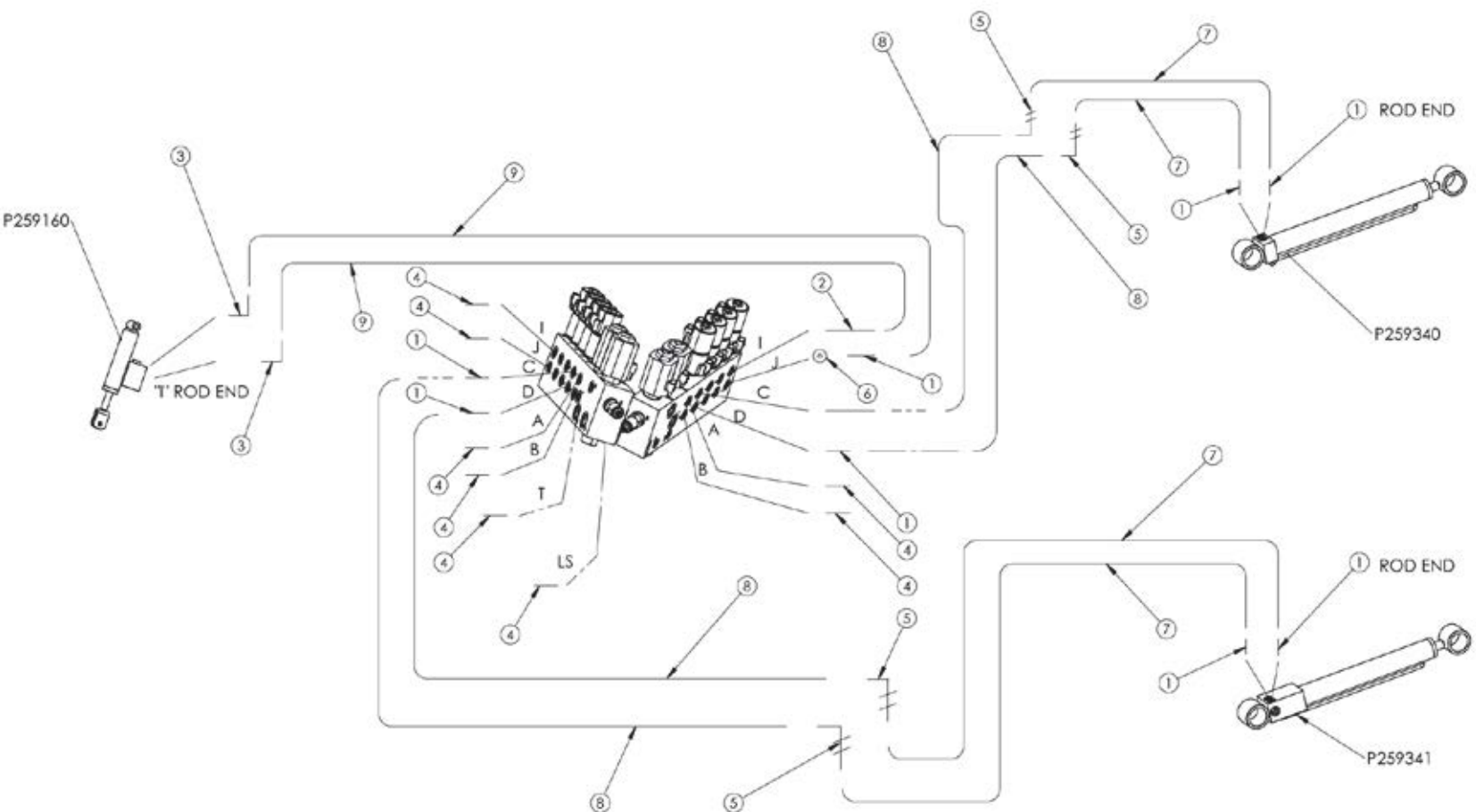
CASE DRAIN, COOLER AND FILTER CIRCUIT SCHEMATIC



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

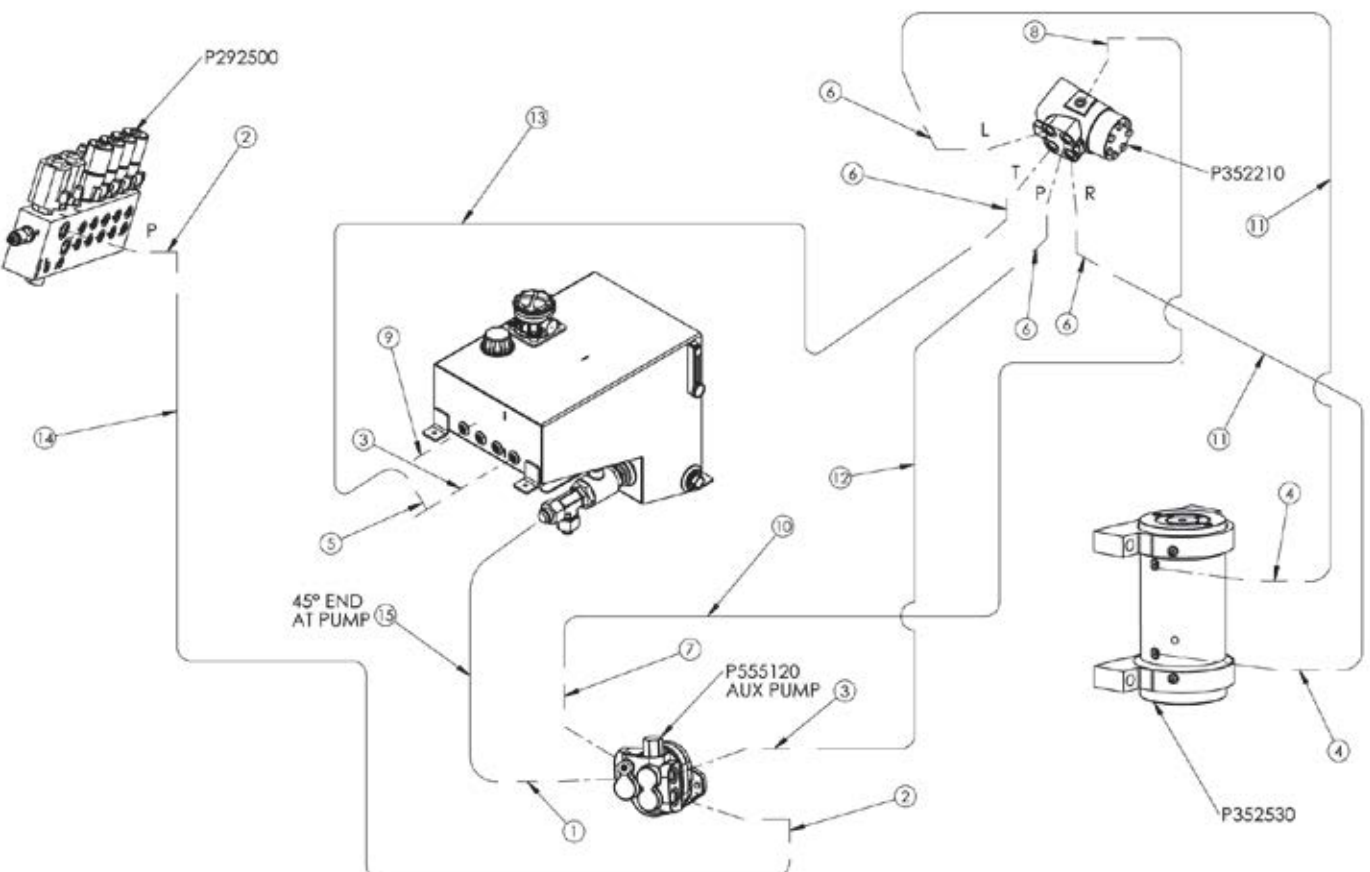
DEPTH AND GROOMER CIRCUIT SCHEMATIC



DEPTH AND GROOMER CIRCUIT LEGEND

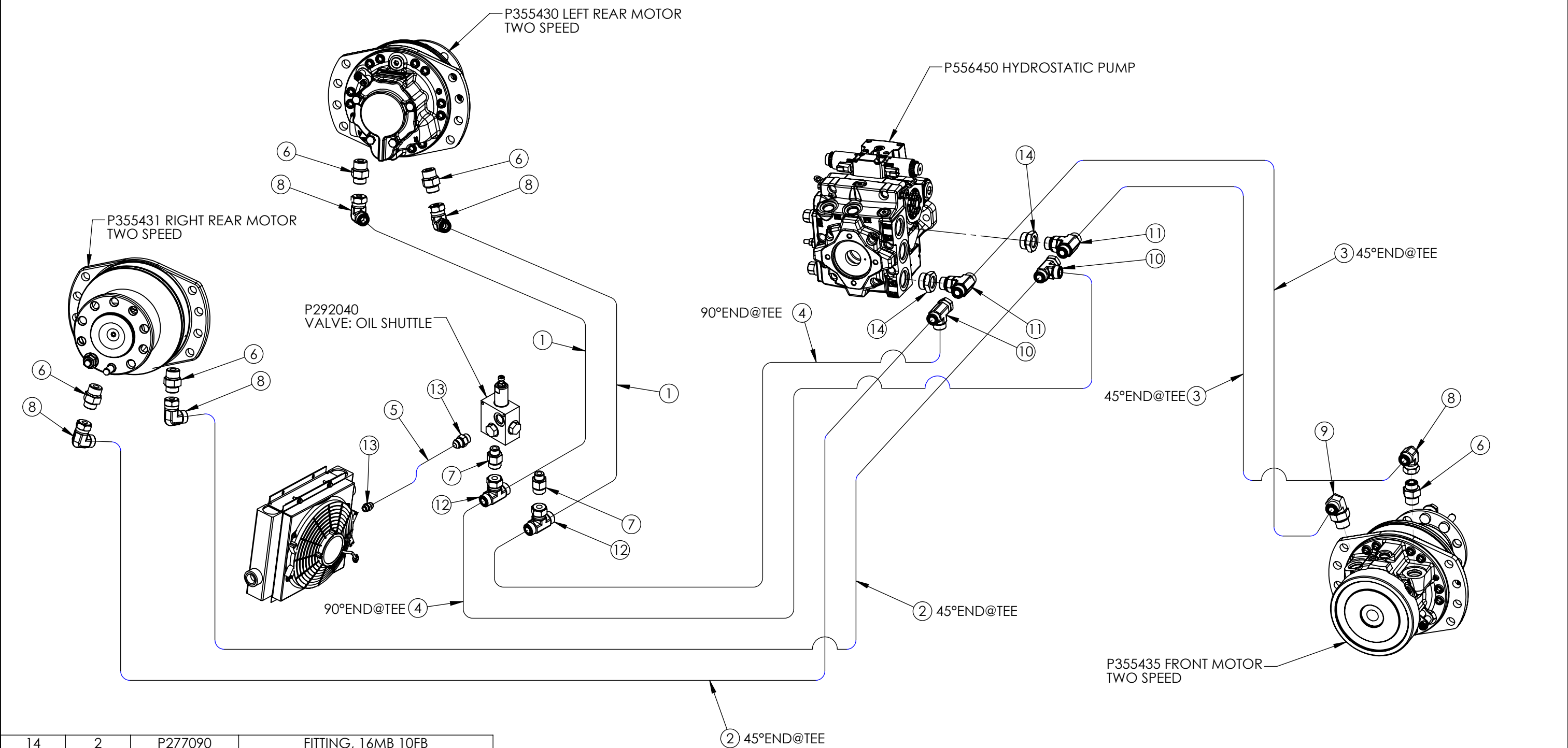
<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	P276100	FITTING, 6MJ 6MB LONG
2	8	P276101	FITTING, 6MJ 6MB
3	2	P261400	FITTING, 4MJ 4MB 90
4	8	P270906	FITTING, 6MB PLUG
5	4	P265410	FITTING, 6MJ 6MJ90 BLK HD
6	1	P276107	ORIFICE DISC .062
7	4	P233918	HOSE, 6AM X 18 6FJX 6FJX90
8	4	P233101	HOSE, 6AM X 101 6FJX 6FJX90
9	2	P232133	HOSE, 4AM X 133 4FJX 6FJX90

AUXILIARY PUMP AND STEERING CIRCUIT SCHEMATIC



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	P261450	FITTING, 4MJ 4MB
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



14	2	P277090	FITTING, 16MB 10FB
13	2	P276310	FITTING: 8MJ 8MB
12	2	P276242	FITTING: 10MFF 10MFF 10FFF
11	2	P276241	FITTING, 10MFF 10MFF 10MOR
10	2	P276240	FITTING, 10MFF 10FFF 10MFF
9	1	P276231	FITTING, 10MFF 12MOR90
8	5	P276230	FITTING, 10MFF 10FFF90
7	2	P276223	FITTING: 10MFF 8MB
6	5	P276220	FITTING, 10MFF 12MOR STR
5	1	P234145	HOSE: AM-8 X 145" 8FJX 8FJX
4	2	P225175	HOSE: 787TC-10 X 175 10FST 10FS90
3	2	P225161	HOSE: 787TC-10 X 161 10FST 10FS45
2	2	P225119	HOSE: 787TC-10 X 119 10FST 10FS45
1	2	P225021	HOSE: 787TC-10 X 21" 10FST 10FST
ITEM	QTY.	PART NUMBER	DESCRIPTION

HYDROSTATIC PROPEL CIRCUIT



P.O. BOX 2135
JAMESTOWN, ND 58402

DRAWN BY GP

PROPRIETARY AND CONFIDENTIAL

UNLESS OTHERWISE NOTED

DATE 12/11/12

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TOLERANCES ON
DECIMALS FRACTIONS ANGLES
.XX±.060 ±1/32 ±1°
.XXX±.030

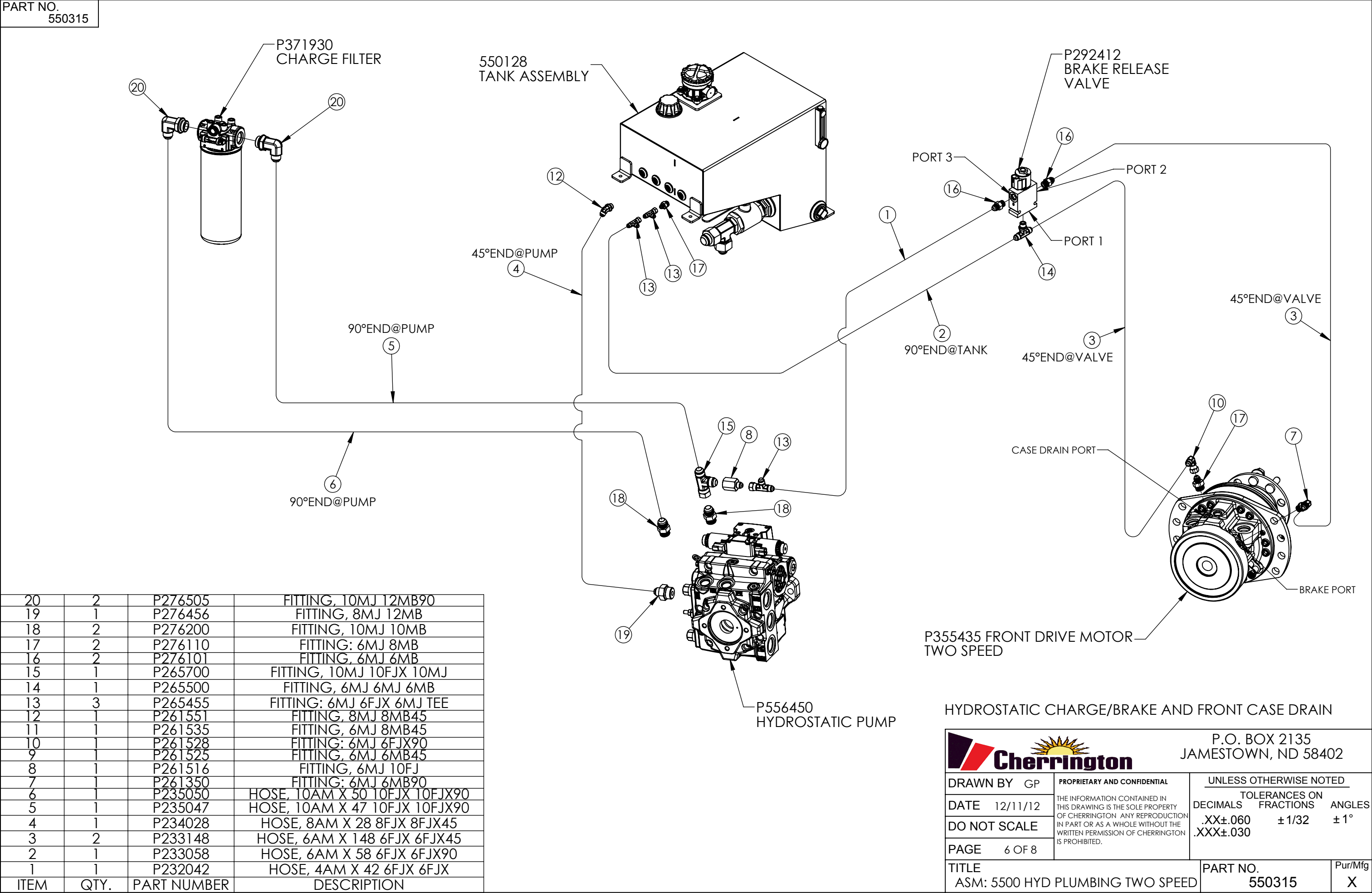
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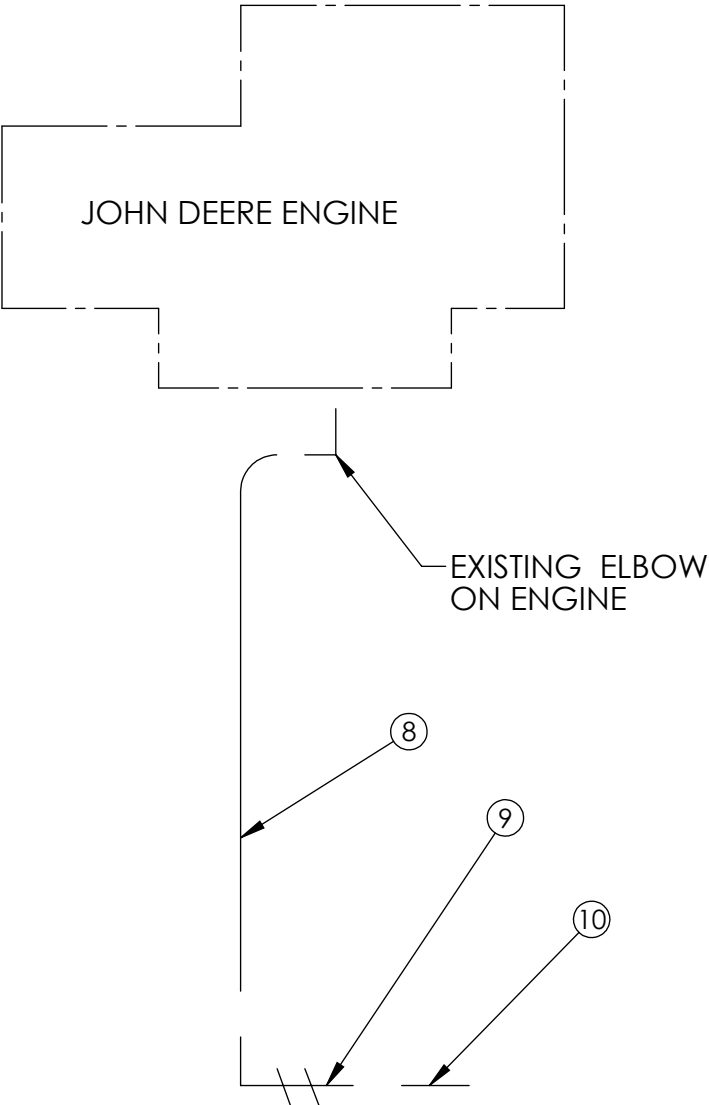
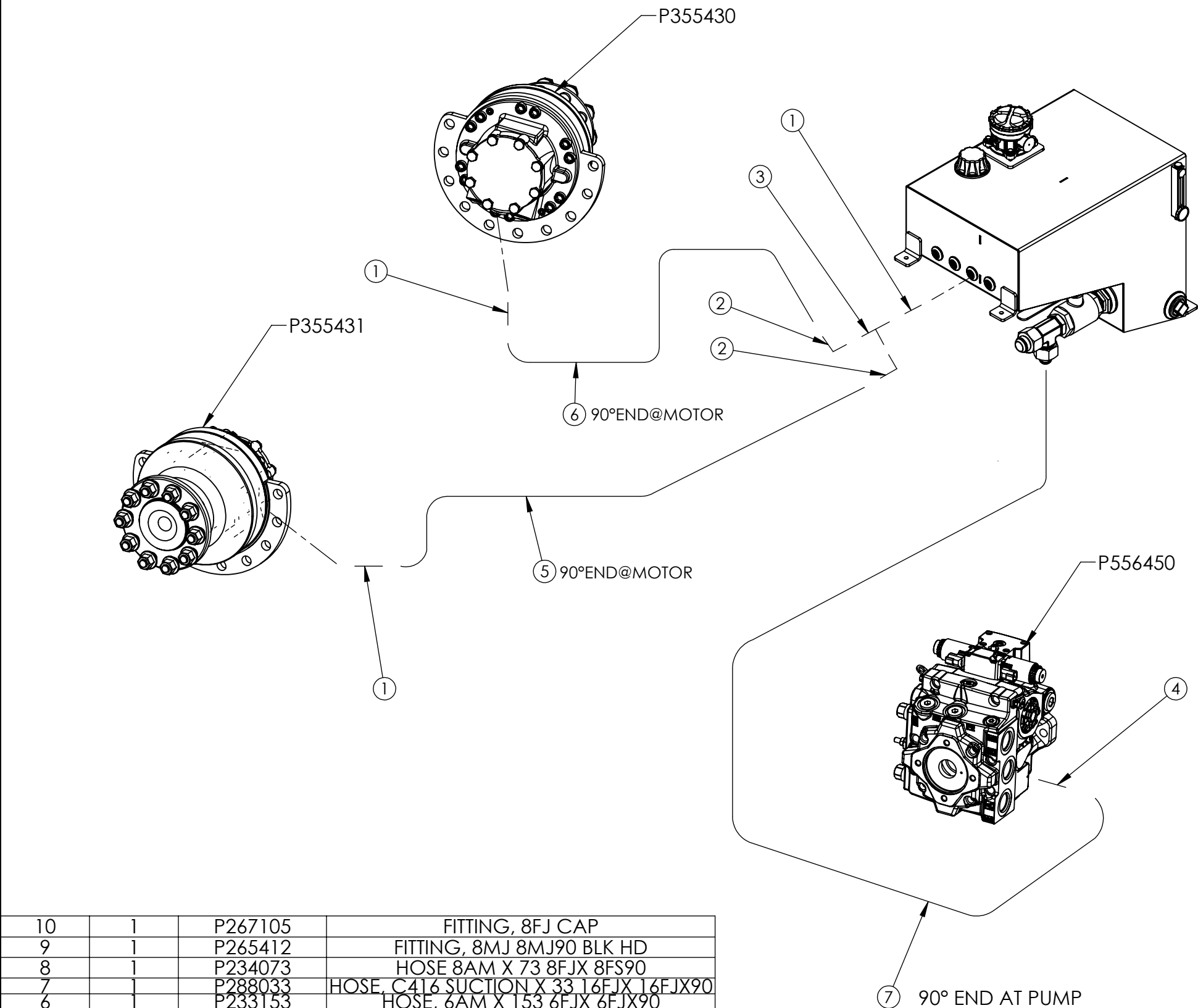
PAGE 5 OF 8

TITLE
ASM: 5500 HYD PLUMBING TWO SPEED

PART NO.
550315

Pur/Mfg
X





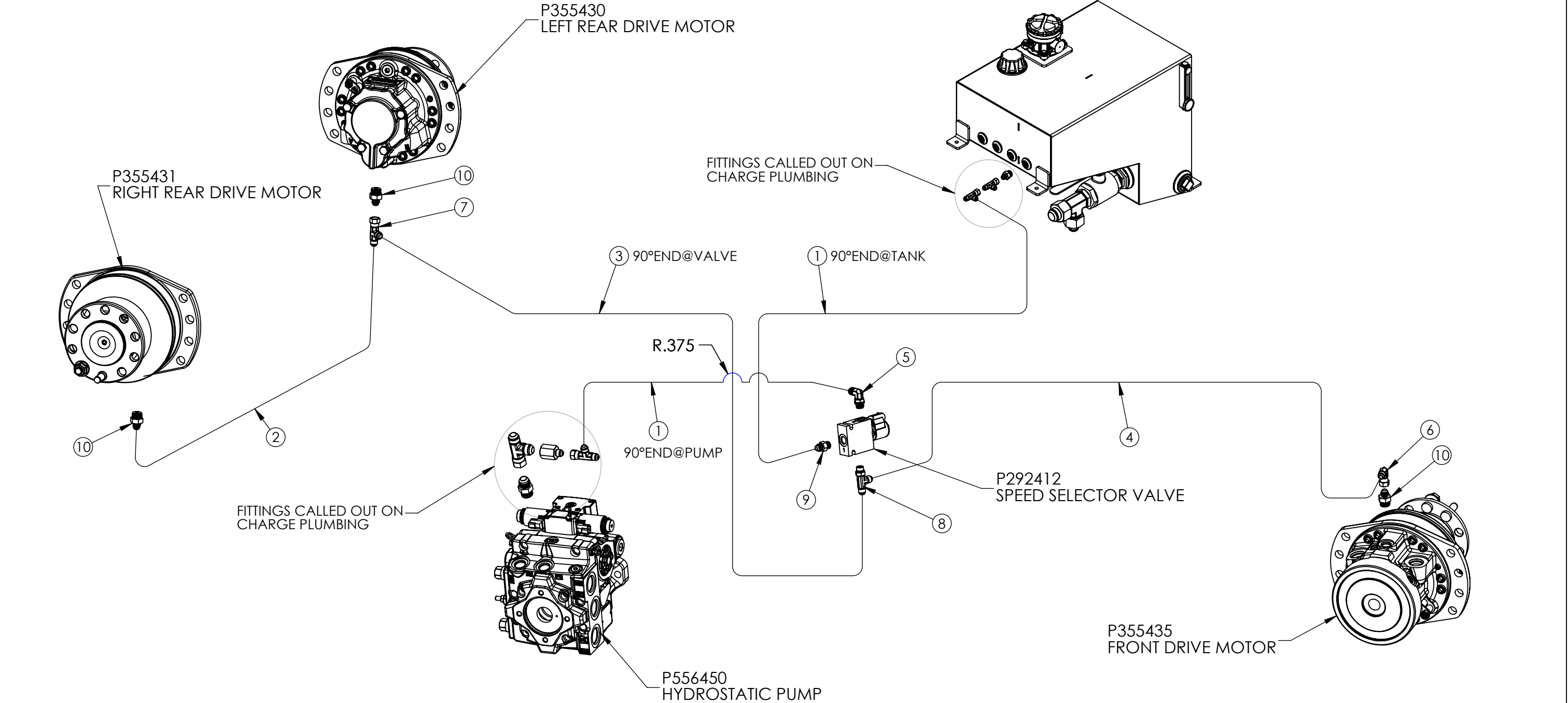
HYDROSTATIC PUMP SUCTION, REAR CASE DRAIN & ENG DRAIN

10	1	P267105	FITTING, 8FJ CAP
9	1	P265412	FITTING, 8MJ 8MJ90 BLK HD
8	1	P234073	HOSE 8AM X 73 8FJX 8FS90
7	1	P288033	HOSE, C416 SUCTION X 33 16FJX 16FJX90
6	1	P233153	HOSE, 6AM X 153 6FJX 6FJX90
5	1	P233098	HOSE, 6AM X 98 6FJX 6FJX90
4	1	P277110	FITTING, 16MJ 16MB
3	1	P265455	FITTING, 6MJ 6FJX 6MJ
2	2	P261528	FITTING, 6MJ 6FJX90
1	3	P276110	FITTING, 6MJ 8MB
ITEM	QTY.	PART NUMBER	DESCRIPTION



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DO NOT SCALE		DECIMALS	FRACTIONS	ANGLES
PAGE 7 OF 8		.XX±.060	±1/32	±1°
TITLE ASM: 5500 HYD PLUMBING TWO SPEED		PART NO. 550315	Pur/Mfg X	



10	3	P276110	FITTING: 6MJ 8MB
9	1	P276101	FITTING: 6MJ 6MB
8	1	P265505	FITTING: 6MJ 6MB 6MJ TEE
7	1	P265455	FITTING: 6MJ 6FJX 6MJ TEE
6	1	P261528	FITTING: 6MJ 6FJX90
5	1	P261350	FITTING: 6MJ 6MB90
4	1	P232198	HOSE: AM-4 X 198" 6FJX 6FJX
3	1	P232153	HOSE: AM-4 X 153" 6FJX 6FJX90
2	1	P232076	HOSE: AM-4 X 76" 6FJX90 6FJX90 0°
1	2	P232020	HOSE: AM-4 X 20" 6FJX 6FJX90
ITEM	QTY.	PART NUMBER	DESCRIPTION

TWO SPEED VALVING



P.O. BOX 2135
JAMESTOWN, ND 58402

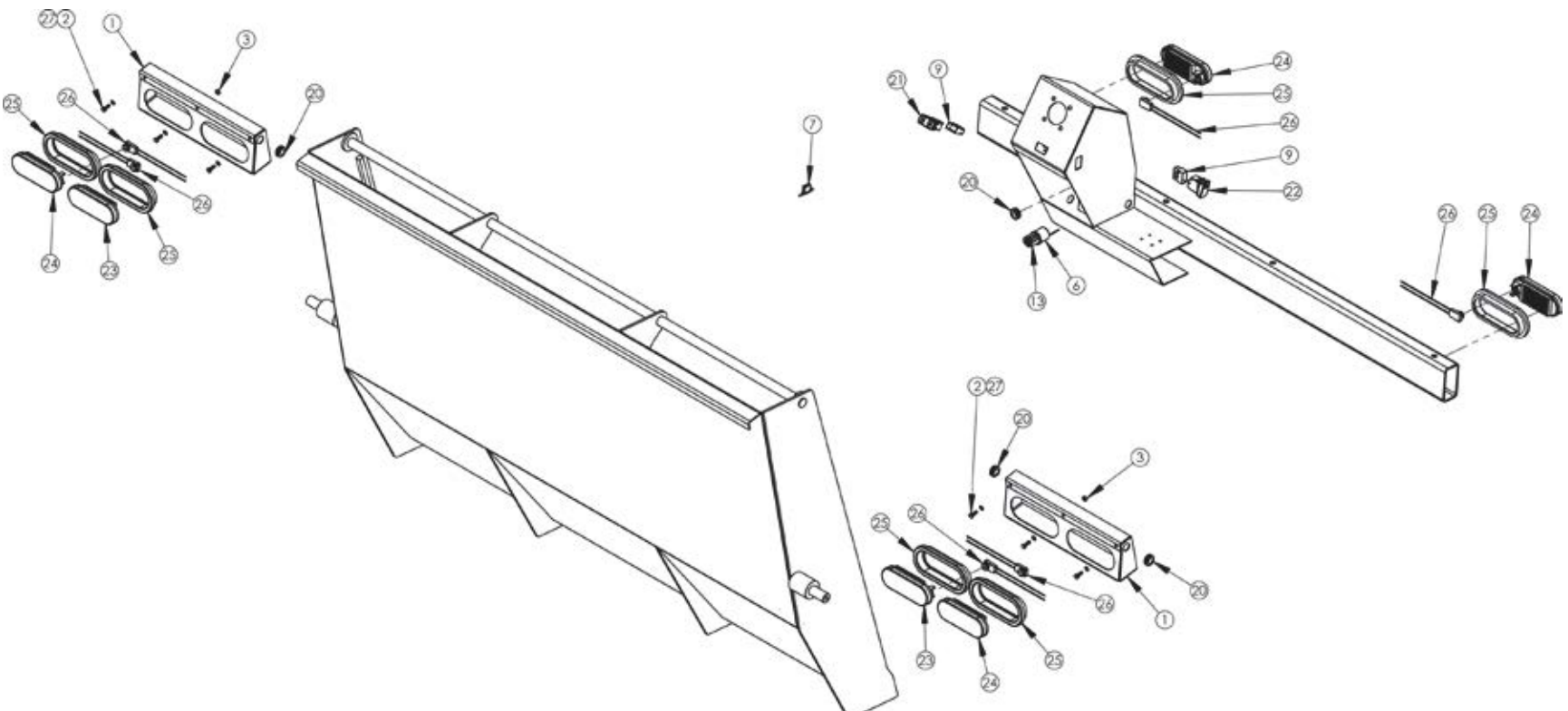
DRAWN BY BJC	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED		
DATE 01/17/2014	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	TOLERANCES ON		
DO NOT SCALE		DECIMALS	FRACTIONS	ANGLES
PAGE X OF X		.XX±.060	±1/32	±1°
TITLE ASM: 5500 HYD PLUMBING TWO SPEED		PART NO. 550315		Pur/Mfg X

Cherrington Enterprises Single Level Bill of Materials

550315 KIT: TWO SPEED DRIVE 5500

<u>Item</u>	<u>Component</u>	<u>Description</u>	<u>ISC</u>	<u>Qty</u>	<u>UOM</u>
550390		SPACER RING: POCLAIN 2 SPEED	B	2,0000	EA
550400		BRKT: OIL SHUTTLE VALVE	B	1,0000	EA
550401		SHIELD: SHUTTLE VALVE	B	1,0000	EA
P100403		BOLT: HEX, 1/4"NC X 3/4" GR5 ZN	B	6,0000	EA
P100408		BOLT: HEX, 1/4"NC X 2" GR5 ZN	B	2,0000	EA
P101010		BOLT: HEX, 5/8-11 NC X 2-1/2	B	20,0000	EA
P110108		BOLT: SOC HD, 10-32 X 2 ZINC	B	2,0000	EA
P158021		NUT: HEX, #10-32 PLATED	B	2,0000	EA
P225021		HOSE: 787TC-10 X 21" 10FST 10FST	B	2,0000	EA
P232020		HOSE: AM-4 X 20" 6FJX 6FJX90	B	2,0000	EA
P232076		HOSE: AM-4 X 76" 6FJX90 6FJX90 0°R	B	1,0000	EA
P232153		HOSE: AM-4 X 153" 6FJX 6FJX90	B	1,0000	EA
P232198		HOSE: AM-4 X 198" 6FJX 6FJX	B	1,0000	EA
P234145		HOSE: AM-8 X 145" 8FJX 8FJX	B	1,0000	EA
P261350		FITTING: 6MJ 6MB90	B	2,0000	EA
P261528		FITTING: 6MJ 6FJX90	B	2,0000	EA
P265455		FITTING: 6MJ 6FJX 6MJ TEE	B	3,0000	EA
P265505		FITTING: 6MJ 6MB 6MJ TEE	B	1,0000	EA
P276101		FITTING: 6MJ 6MB	B	1,0000	EA
P276110		FITTING: 6MJ 8MB	B	4,0000	EA
P276220		FITTING: 10MFF 12MOR STR	B	1,0000	EA
P276223		FITTING: 10MFF 8MB	B	2,0000	EA
P276230		FITTING: 10MFF 10FFF90	B	1,0000	EA
P276242		FITTING: 10MFF 10MFF 10FFF	B	2,0000	EA
P276310		FITTING: 8MJ 8MB	B	2,0000	EA
P292412		VALVE: HF SV08-30-6T-N-12-EY	B	1,0000	EA
P294040		VALVE: HOT OIL SHUTTLE TWO SPEED	B	1,0000	EA
P298193		SWITCH: ROCKER ON-OFF	B	1,0000	EA
P298194		SWITCH ACTUATOR	B	1,0000	EA
P355430		MOTOR: WHL, POCLAIN MS05 HS LR	B	1,0000	EA
P355431		MOTOR: WHL, POCLAIN MS05 HS RR	B	1,0000	EA
P355435		MOTOR: WHL/BRK, POCLAIN MS05 HS	B	1,0000	EA
P850104		WASHER: FLAT GALV-1/4"	B	2,0000	EA
P851103		WASHER: LOCK 3/16" GALV	B	2,0000	EA
P851104		WASHER: LOCK 1/4" GALV	B	8,0000	EA

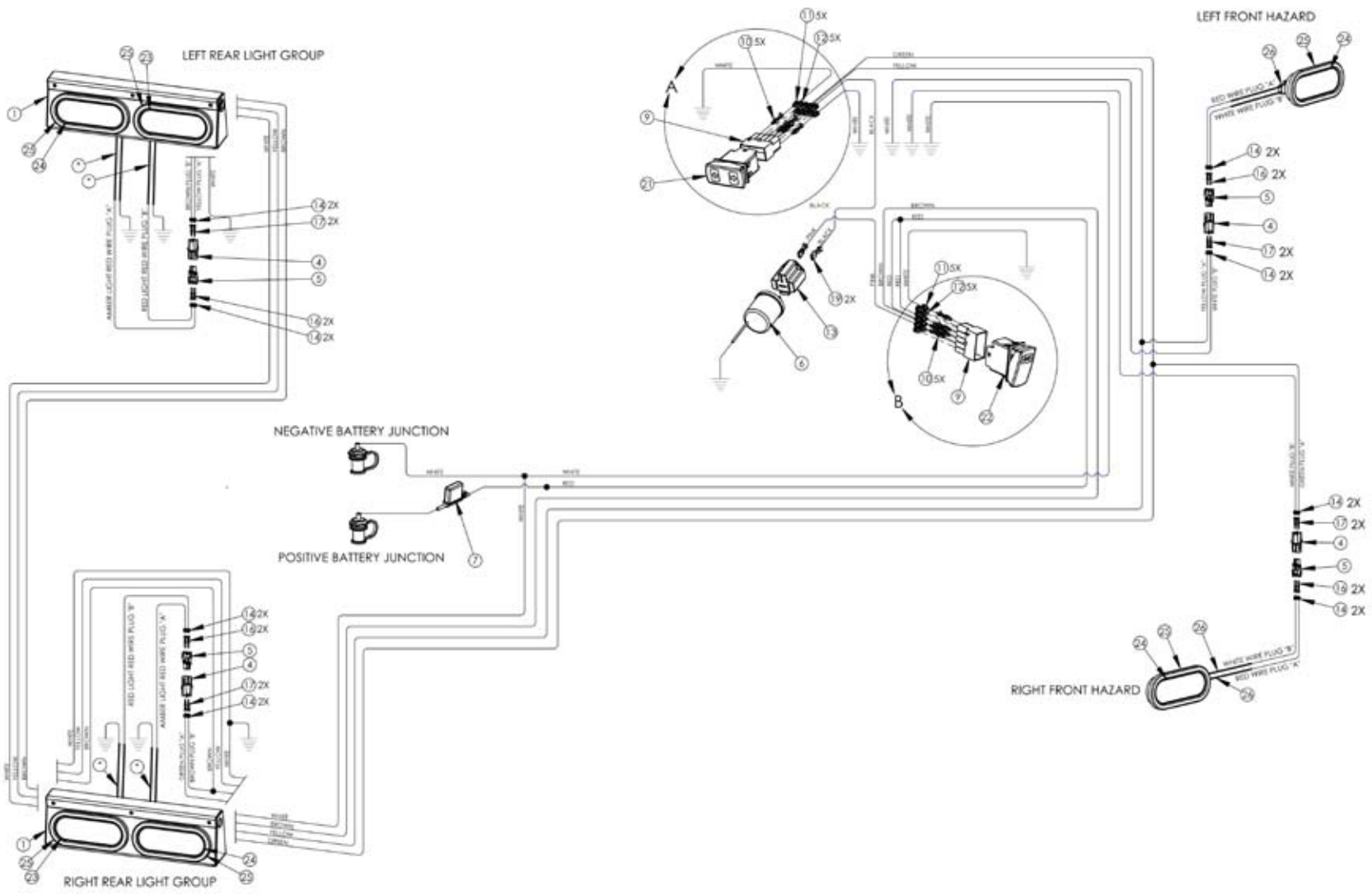
HAZARD LIGHT PACKAGE SCHEMATIC

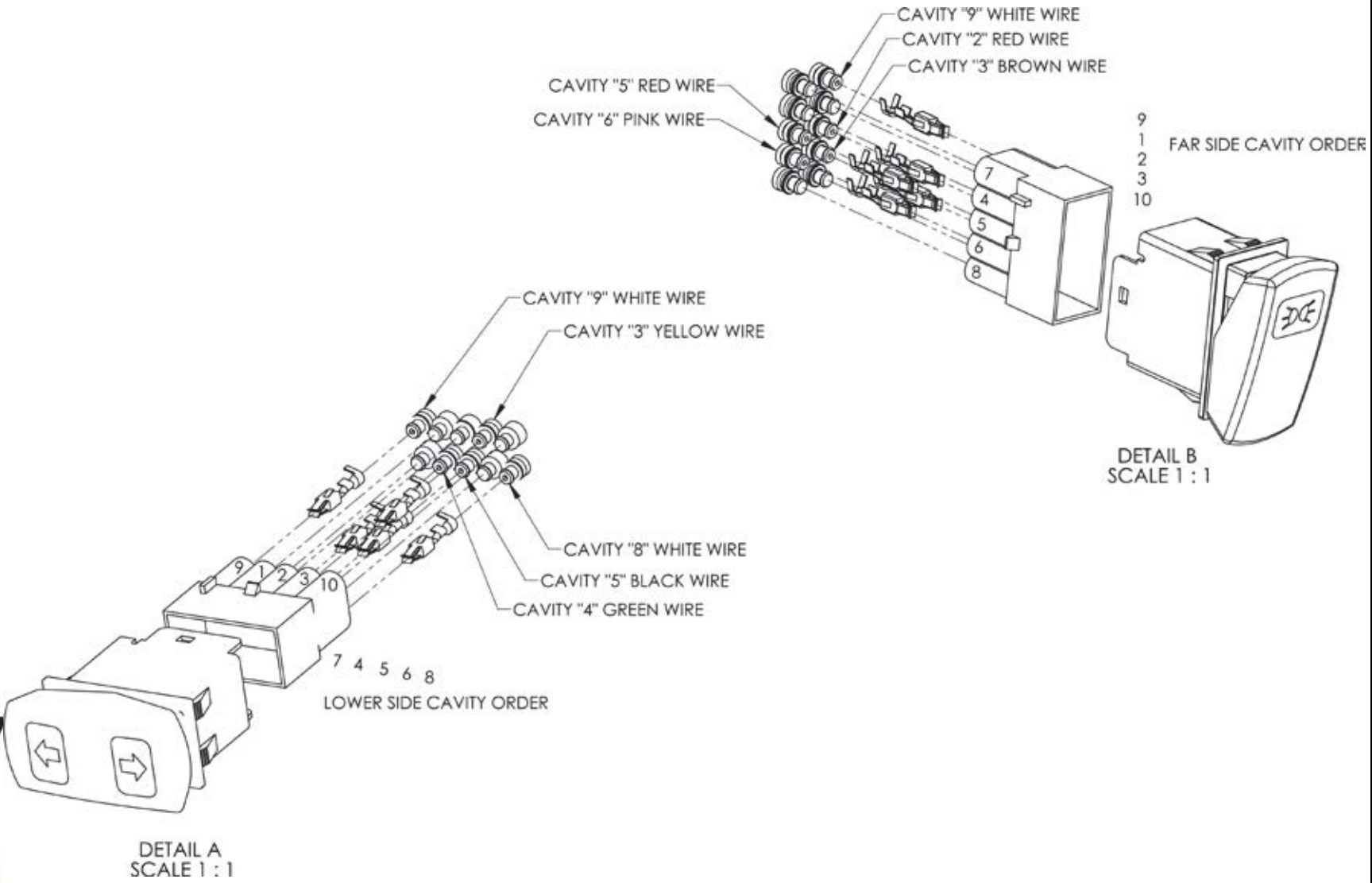


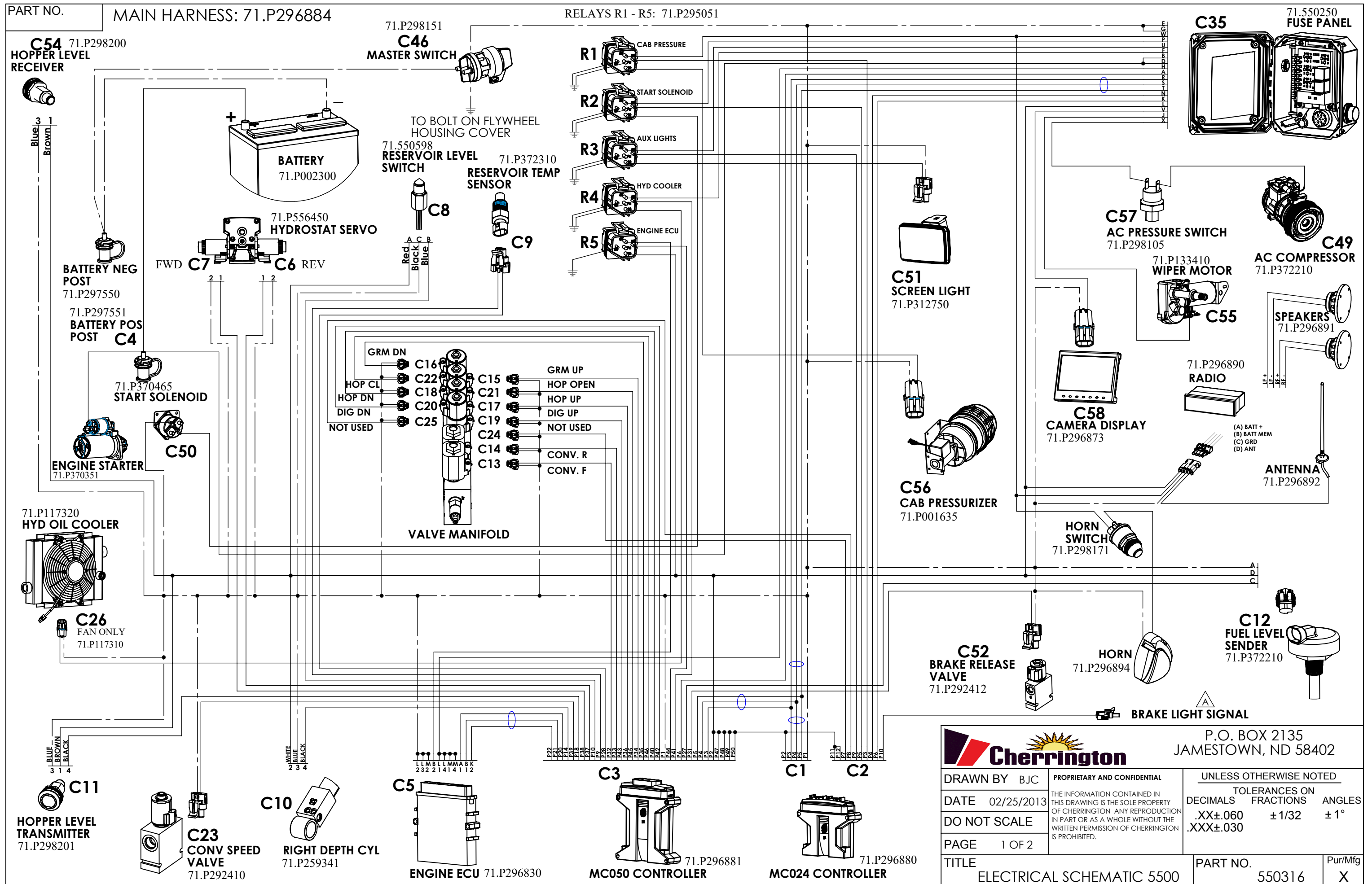
HAZARD LIGHT PACKAGE LEGEND

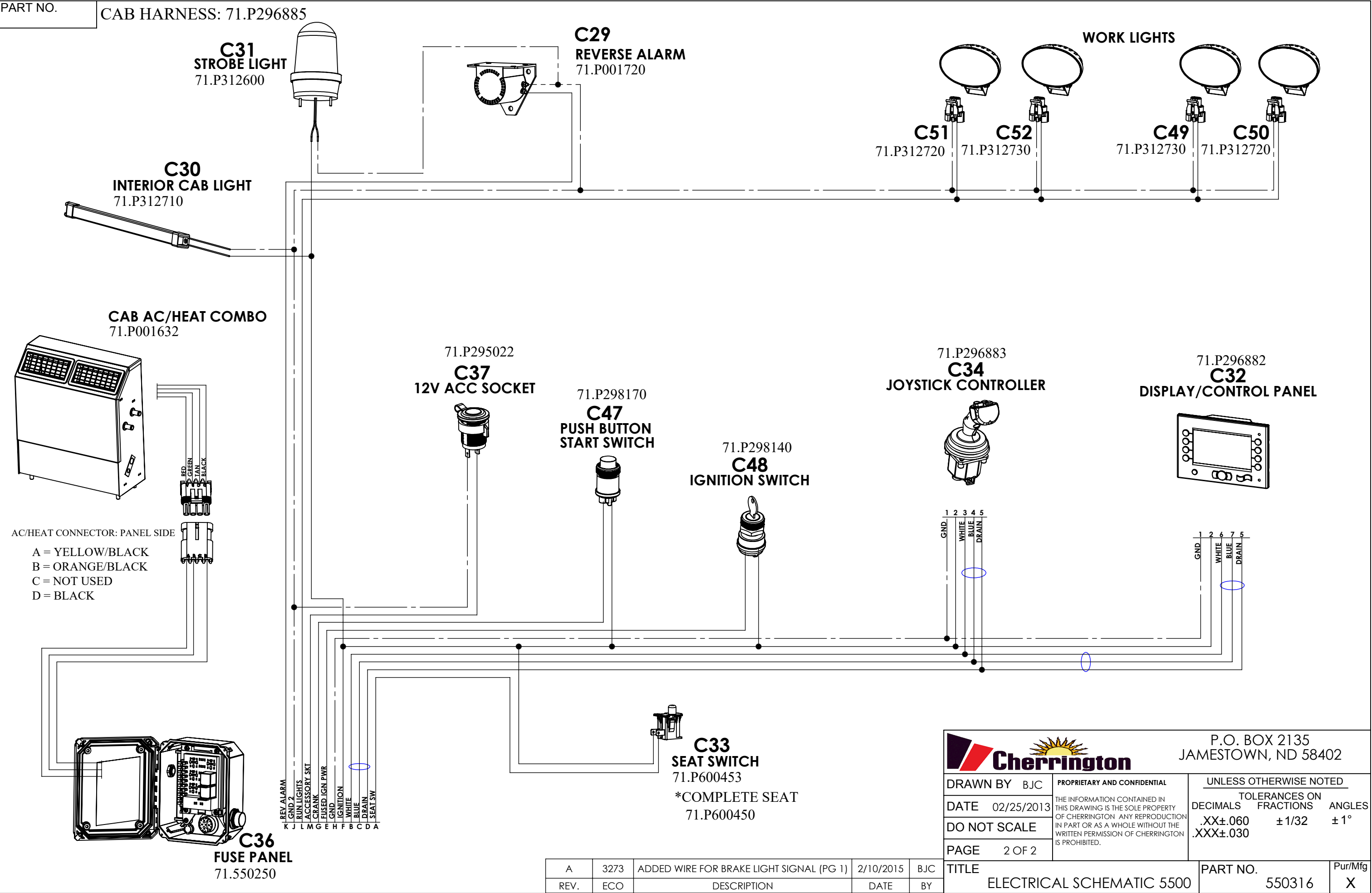
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	550352	WLDT: LIGHT BRKT REAR
2	6	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
3	2	P150400	NUT: HEX, 1/4" PLATED
4	4	P270314	PLUG: 2 CONT WP SHROUD
5	4	P270315	PLUG: 2 CONT WP TOWER
6	1	P271551	FLASHER: 12V LED 25A
7	1	P295039	FUSEHOLDER: INLINE SEALED
8	1	P295041	FUSE: 10 AMP ATO/ATC
9	2	P295123	CONNECTOR: SVR SWITCH
10	10	P295124	TERM: SVR CONNECTOR
11	10	P295125	SEAL: WIRE SVR CONNECTOR
12	10	P295126	SEAL: CAVITY PLUG SVR
13	1	P295127	CONNECTOR: RELAY #75281
14	16	P295812	SEAL, GREEN CABLE (39000)
15	13	P297526	TERM: RING, 1/4", 14 GA
16	8	P297536	TERMINAL, FEMALE 31035
17	8	P297537	TERMINAL, MALE 31034
18	2	P297560	TERM: RING, 3/8", 14/16GA
19	2	P297565	TERM: PUSH-ON RELAY 1/4" 16-14
20	4	P297625	GROMMET: 5/8 BORE
21	1	P298191	SWITCH: ROCKER DIRECTION
22	1	P298192	SWITCH: ROCKER LIGHT
23	2	P312800	LIGHT: STOP/TURN/TAIL (RED)
24	4	P312807	LIGHT: STOP/TURN/TAIL (AMBER)
25	6	P312808	BOOT: RUBBER TAIL LIGHT
26	6	P312809	PIGTAIL: 90° TWO WIRE (67016)
27	6	P851104	WASHER: LOCK 1/4"
28	1 FT	R99000010	TUBING: HEAT SHRINK 1/4" #22524
29	45 FT	R99000015	WIRE: WHITE, 16 GA. WG16-9
30	15 FT	R99000025	SLEEVE: WIRE 1/4" EXPANDABLE
31	40 FT	R99000041	SLEEVE: WIRE 3/4" EXPANDABLE
32	2.5 FT	R99000600	WIRE: BLACK, 16 GA. WG16-0
33	32 FT	R99000601	WIRE: BROWN, 16 GA. WG16-1
34	15 FT	R99000602	WIRE: RED, 16 GA. WG16-2
35	35 FT	R99000604	WIRE: YELLOW, 16 GA. WG16-1
36	30 FT	R99000605	WIRE: GREEN, 16 GA. WG16-5
37	1 FT	R99000610	WIRE: PINK, 16 GA. WG16-12

HAZARD LIGHT PACKAGE WIRING SCHEMATIC



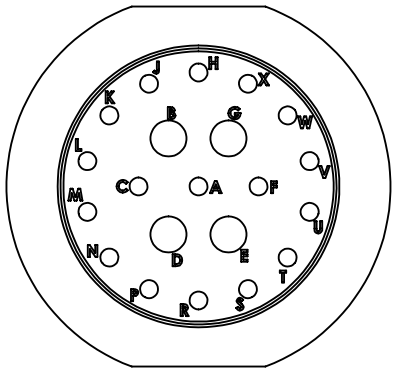






PART NO.	REV.	ECO	DESCRIPTION	DATE	BY
	A	3292	[1] CHANGED IGNITION FUSE F9 TO 30A	6/2/2016	BJC
	A	3292	[2] CHANGED WIRE SIZE F9/P259100E FROM 16GA TO 14GA	6/2/2016	BJC
	A	3292	[3] CHANGED WIRE SIZE UPPER FUSE BAR PWR/P259100F FROM 16GA TO 14GA	6/2/2016	BJC

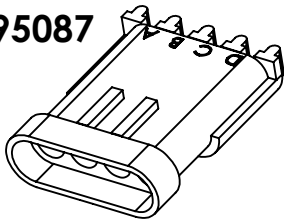
C35 CONNECTOR
(OUTSIDE REAR CAB WALL)
P295099



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

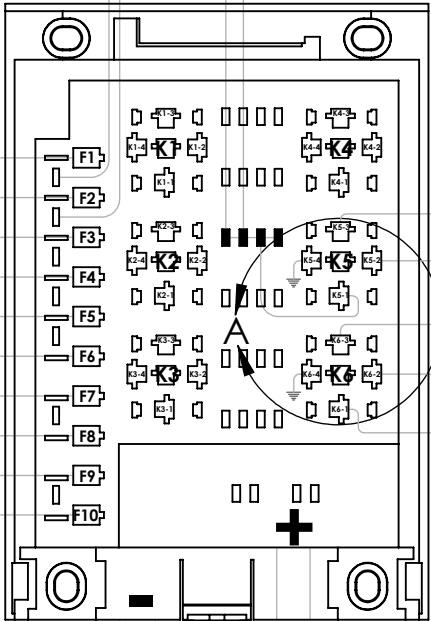


B: A/C PRESSURE SWITCH 16GA ORG/BLK
A: A/C PWR 16GA YEL/BLK
D: A/C GROUND 16GA BLK

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

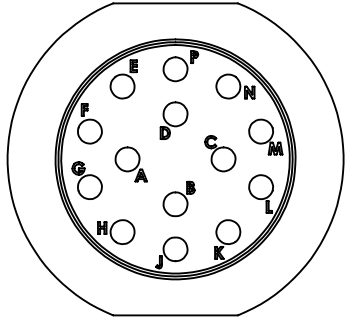


Fuse F1 - 10A - Accessory Socket
Fuse F2 - 10A - Wiper
Fuse F3 - 5A - Camera
Fuse F4 - 20A - A/C
Fuse F5 - 10A - Cab Pressurizer
Fuse F6 - 20A - Oil Cooler Fan
Fuse F7 - 20A - Lights
Fuse F8 - 20A - ECU Pwr
Fuse F9 - 30A - Ignition
Fuse F10 - 5A - Reverse Alarm

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

		P.O. BOX 2135 JAMESTOWN, ND 58402		
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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



P.O. BOX 2135
JAMESTOWN, ND 58402

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