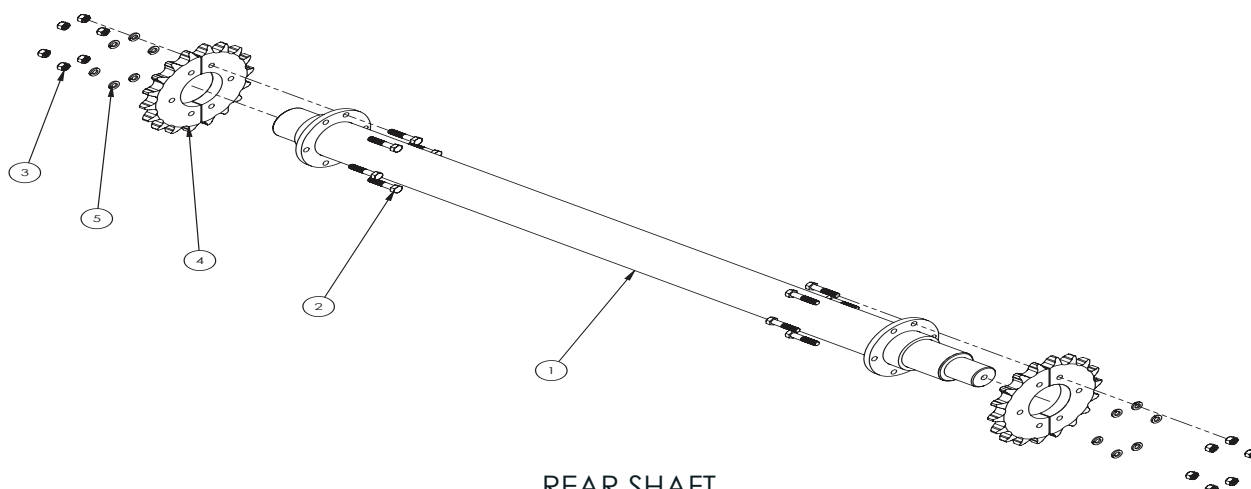


PART LIST SECTION INDEX

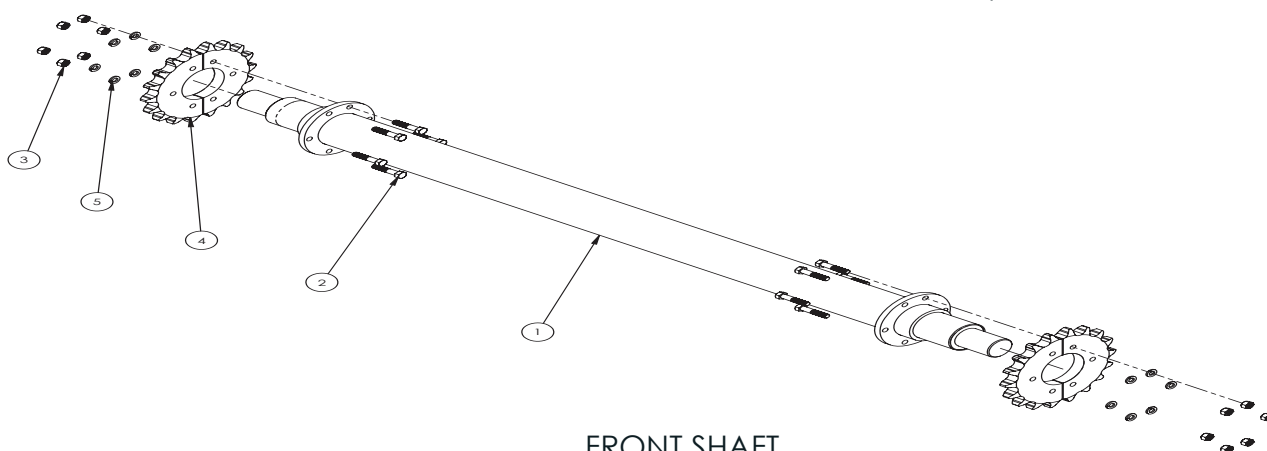
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Conveyor Shaft Schematic	P-3
Axle and Groomer group.....	P-4 and P-5
Conveyor and Flight group.....	P-6 and P-7
Screen group.....	P-8 and P-9
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Cab and Hood group.....	P-12 and P-13
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Case Drain, Cooler and Filter hydraulic group.....	P-54 and P-55
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Hazard Light Package group.....	P-66 and P-67
Hazard/Brake light Wiring Schematic.....	P-68
Hazard Light Switch Schematic.....	P-69

CONVEYOR SHAFT SCHEMATICS



REAR SHAFT

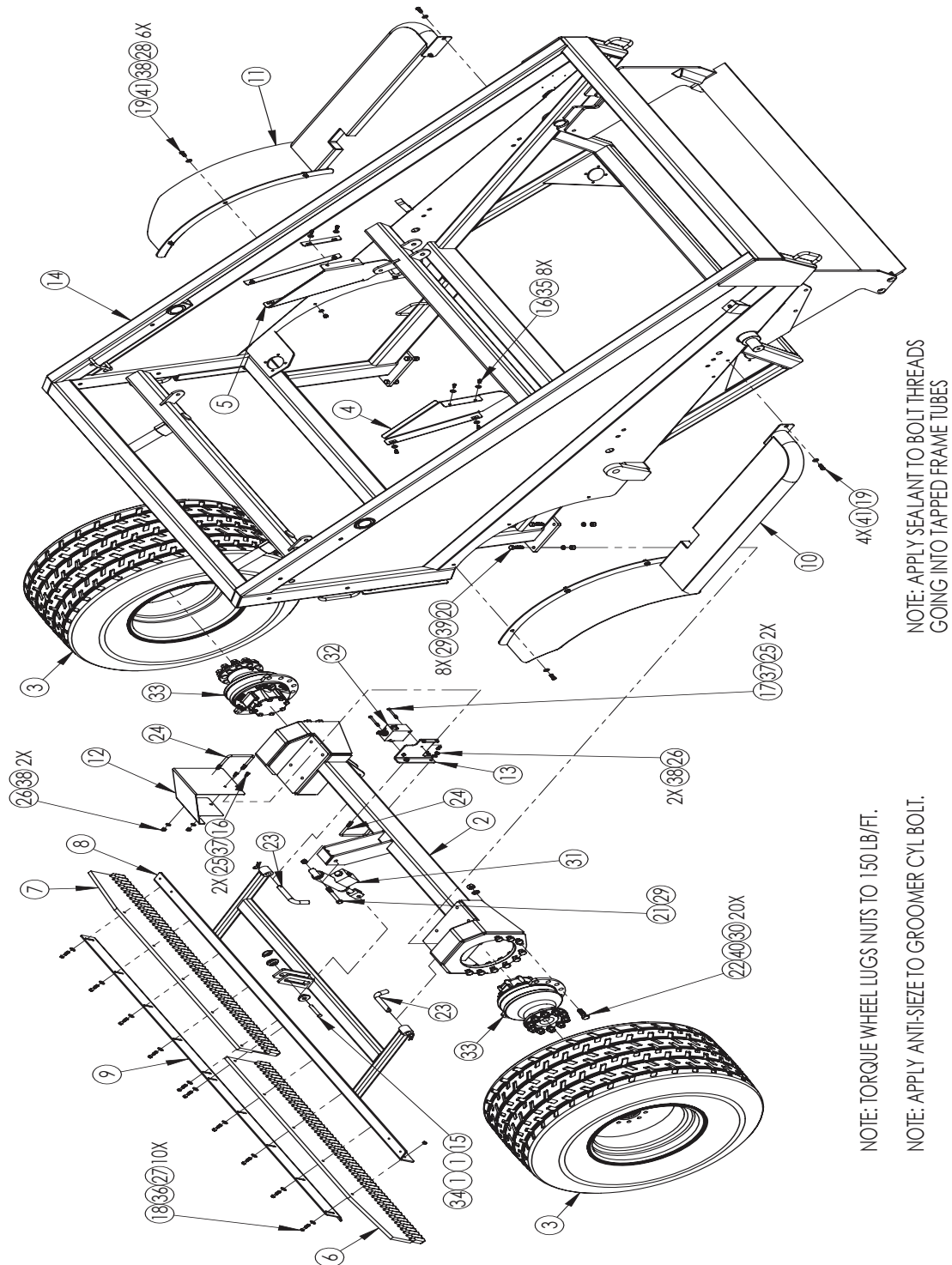
ITEM	ASSY/QTY.	PART NUMBER	DESCRIPTION
1	1	550472	WLDT: SHAFT REAR SPLIT MT
2	12	P100607	BOLT: HEX 3/8-16 X 1-3/4"
3	12	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
4	2	P691218	SPROCKET; #100A18 SPLIT
5	12	P851106	WASHER: LOCK 3/8" ZP



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	P691218	SPROCKET; #100A18 SPLIT
5	12	P851106	WASHER: LOCK 3/8" ZP

AXLE AND GROOMER SCHEMATIC



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

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

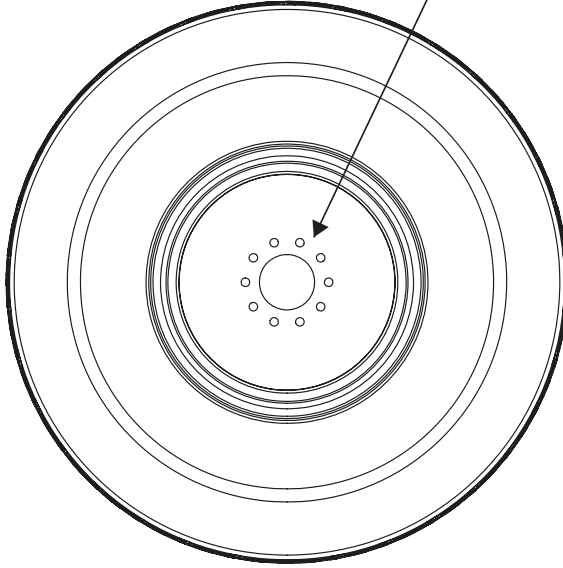
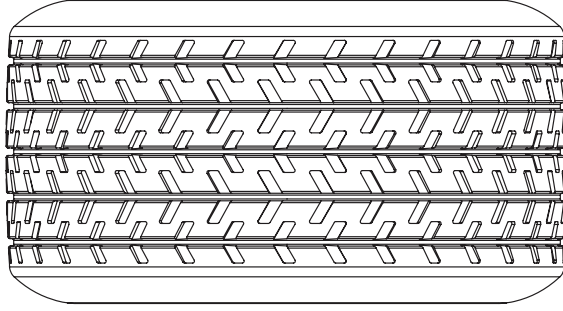
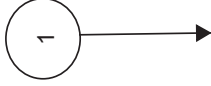
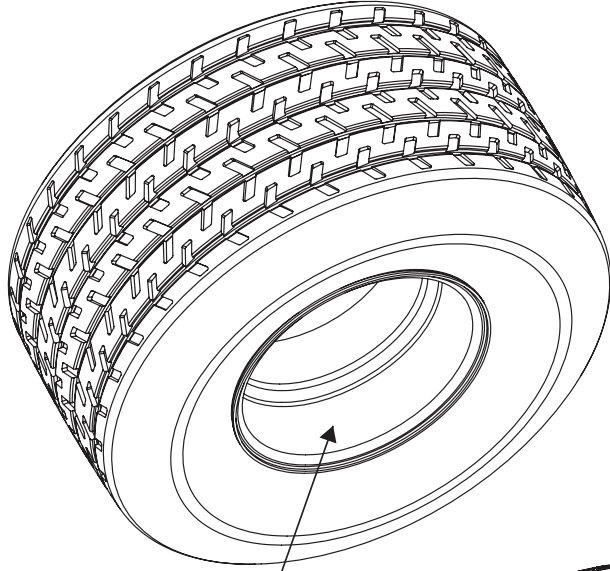
NOTE: APPLY ANTI-SIEZE TO GROOMER CYL BOLT.

AXLE AND GROOMER LEGEND

ITEM	BASE QTY.	PART NUMBER	DESCRIPTION
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



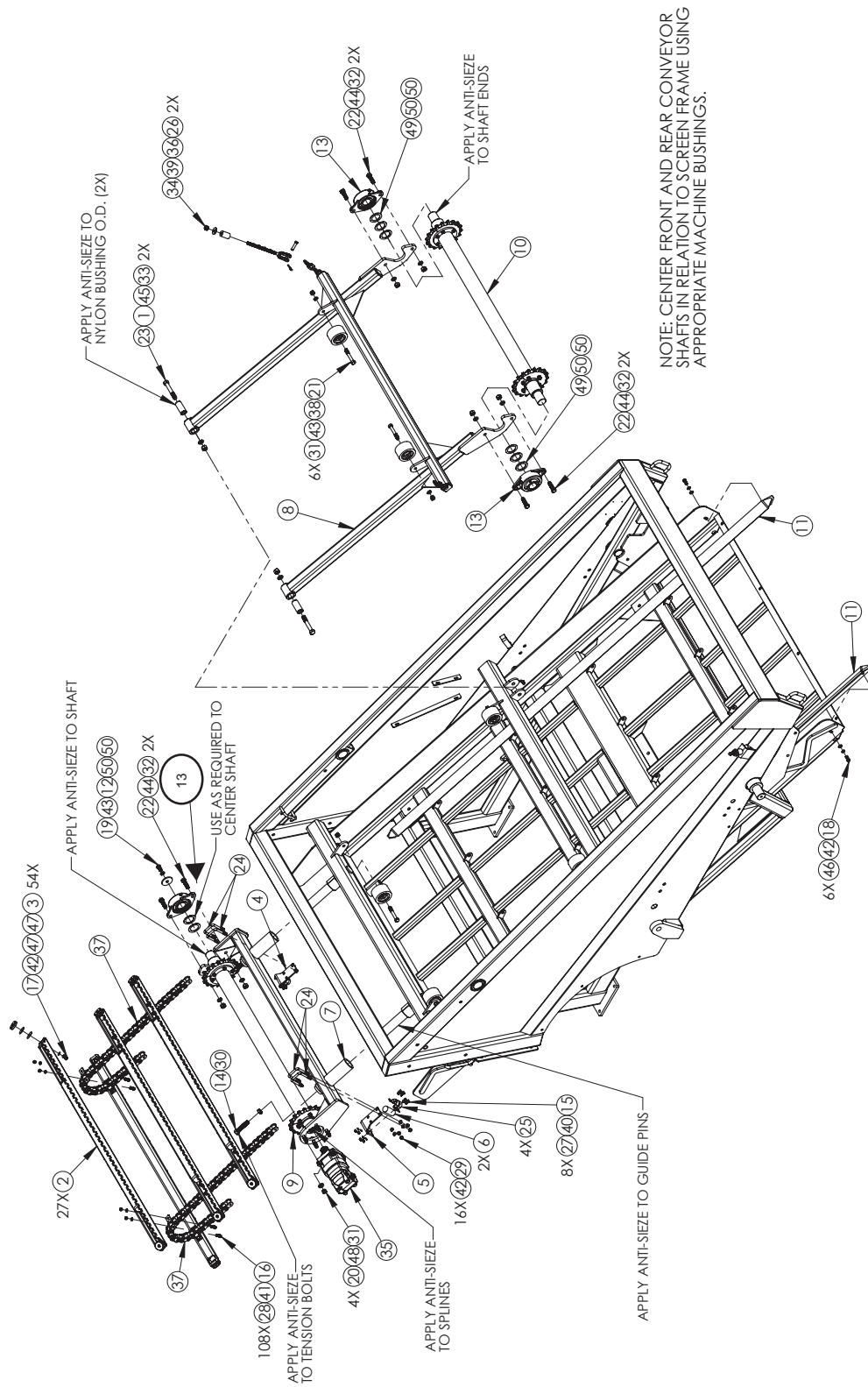
NOTE: INFLATE TO 12 PSI
RIM HAS 1 1/2 INCH OFFSET
TIRE, 37.20" DIA, 19.68" WIDE



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

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

CONVEYOR AND FLIGHT SCHEMATIC



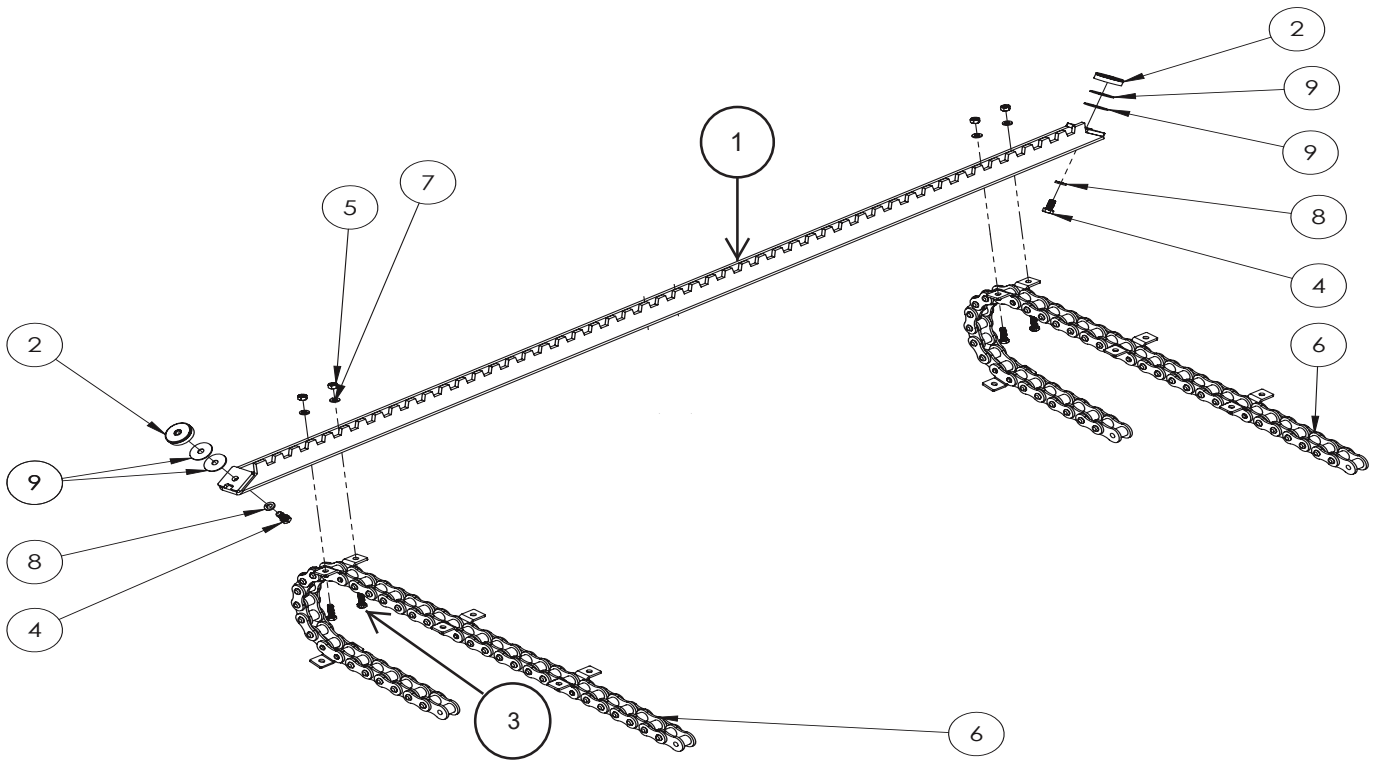
CONVEYOR AND FLIGHT LEGEND

ITEM	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	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	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
17	54	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	P100812	BOLT: HEX 1/2-13 X 3
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	108	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 USES SEAL KIT 71.P353610
36	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
37	2	P632140	CHAIN: 100K1 x 219 P UPDATED KGF P/N 6.999.028.000.0
38	6	P761100	SNUGULATOR 2500BD1X
39	2	P850108	WASHER: FLAT 1/2" ZP
40	8	P851104	WASHER: LOCK 1/4"
41	108	P851105	WASHER: LOCK 5/16"
42	68	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	108	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 REPAIR ITEMS:

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

CHAIN AND FLIGHT SCHEMATIC

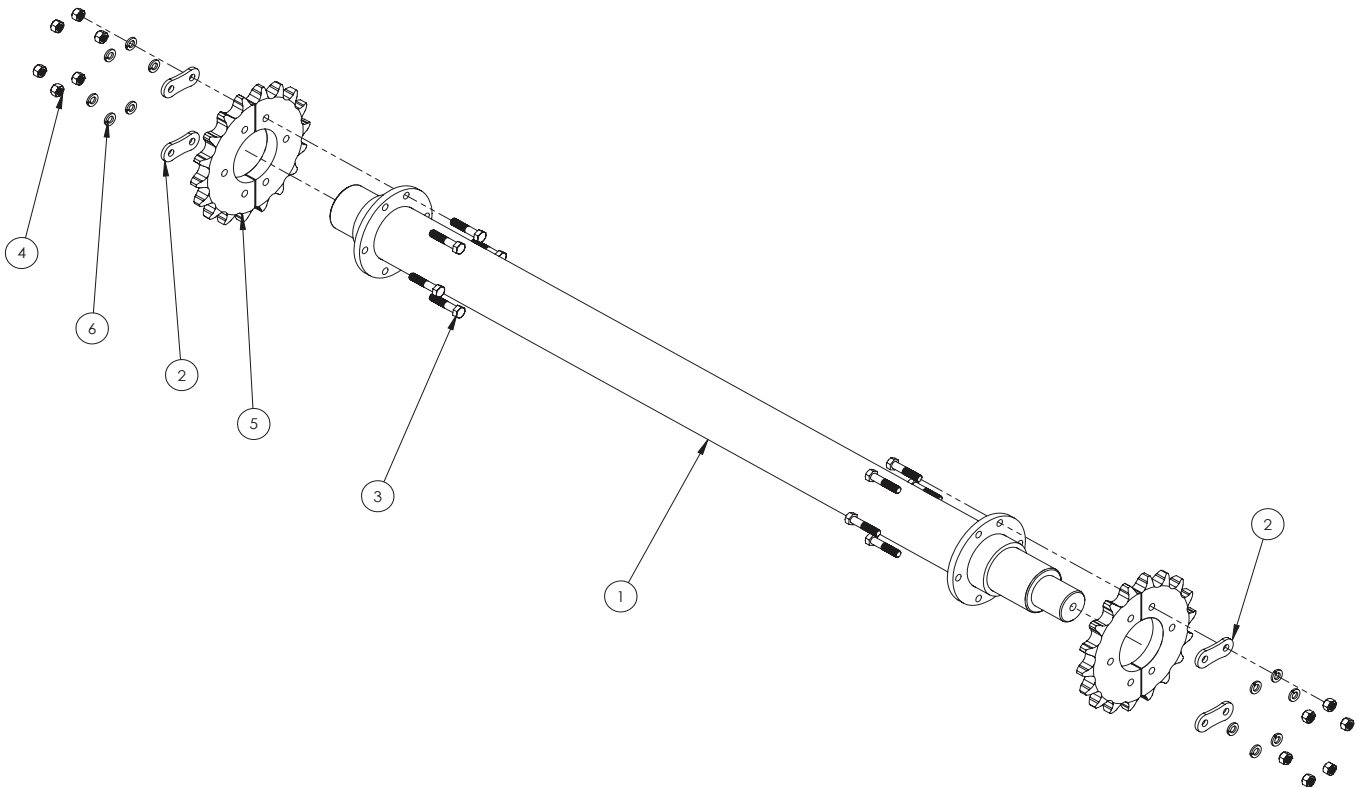


<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	27	450352	WLDT: FLIGHT BLADE 4500/5500, 2.12
2	54	470130	FLIGHT PUCK
3	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	108	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632140	CHAIN: 100K1 x 219 P ARMOR
6A	REF	P632143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

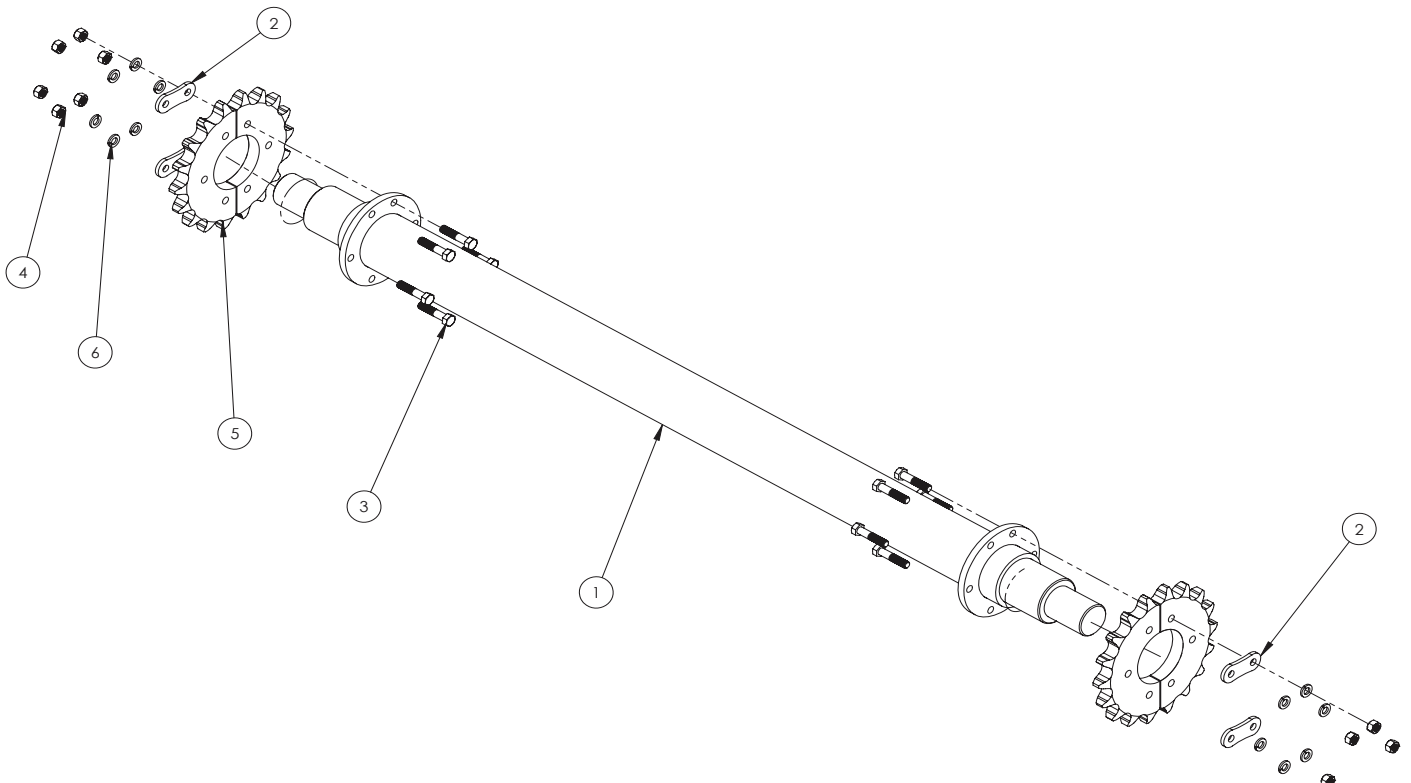
REAR CONVEYOR SHAFT ASSEMBLY



ITEM	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 - #6

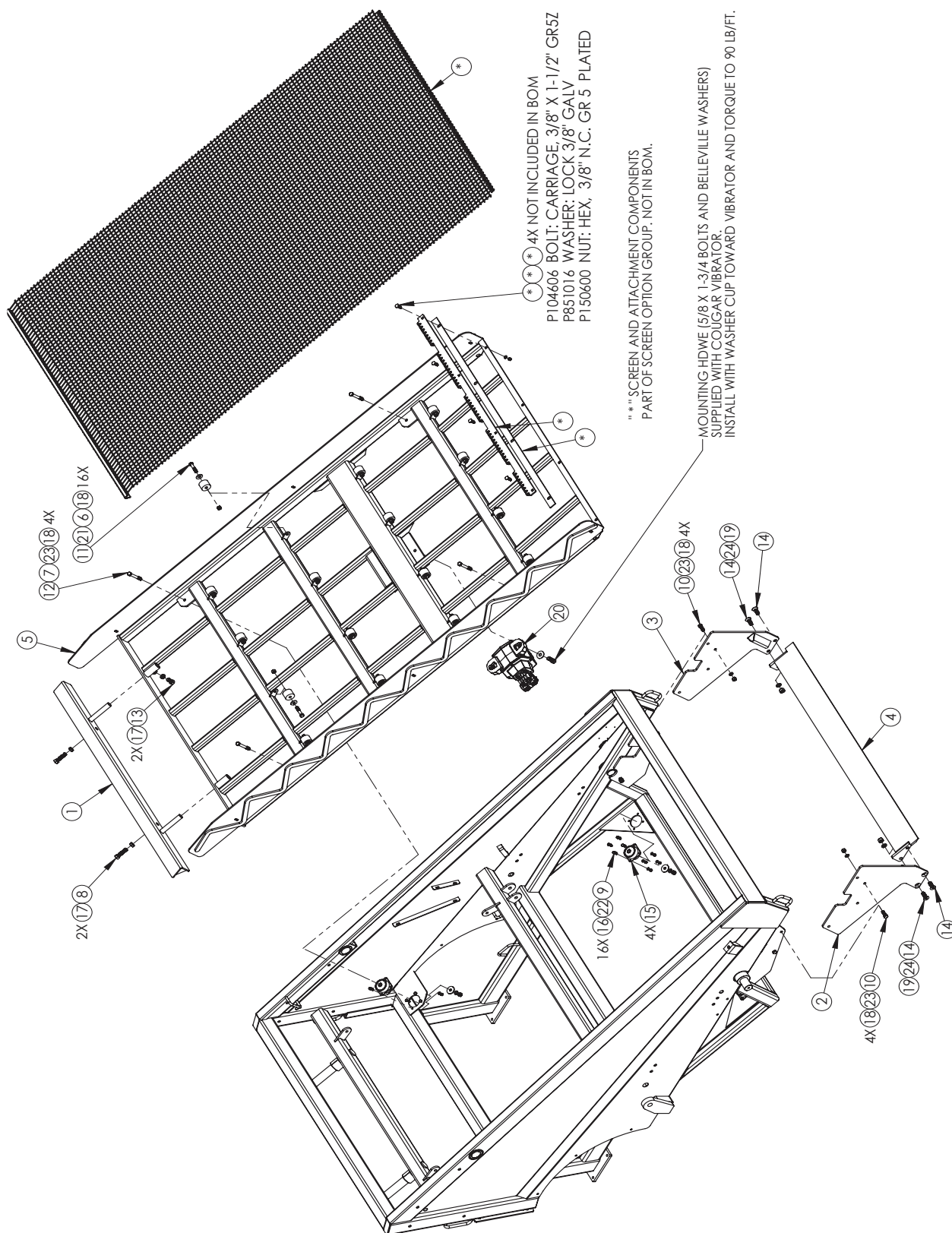
FRONT CONVEYOR SHAFT ASSEMBLY



<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 SCHEMATIC



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	550495	WLDT: GALV. SCREEN FRM 5500
6	16	CP0043	RISER: SCREEN- 90 A Duro (Blue)
7	4	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
8	2	P099010	BOLT: HEX 5/8-11 X 2 1/2 FULL THD
9	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
10	8	P100806	BOLT: HEX, 1/2" X 1 1/2"GR.5Z
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	P101005	BOLT: HEX 5/8-11 X 1-1/4"
14	4	P110707	BOLT: FSHCS 5/8-11 NC X 1.75
15	4	P133065	ISOLATOR: SQ PLATFORM 283P310
16	16	P155350	NUT: HEX, 5/16 TOP-LOCK
17	4	P155800	5/8-11 HEX JAM NUT
18	28	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
19	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
20**	1	P358106	VIBRATOR, HYD HA4-3300
21	16	P850108	WASHER: FLAT 1/2" ZP
22	16	P851105	WASHER: LOCK 5/16"
23	12	P851108	WASHER: LOCK 1/2" ZP
24	2	P851110	WASHER: LOCK 5/8"

*Optional slotted digger point P/N: 71.550576

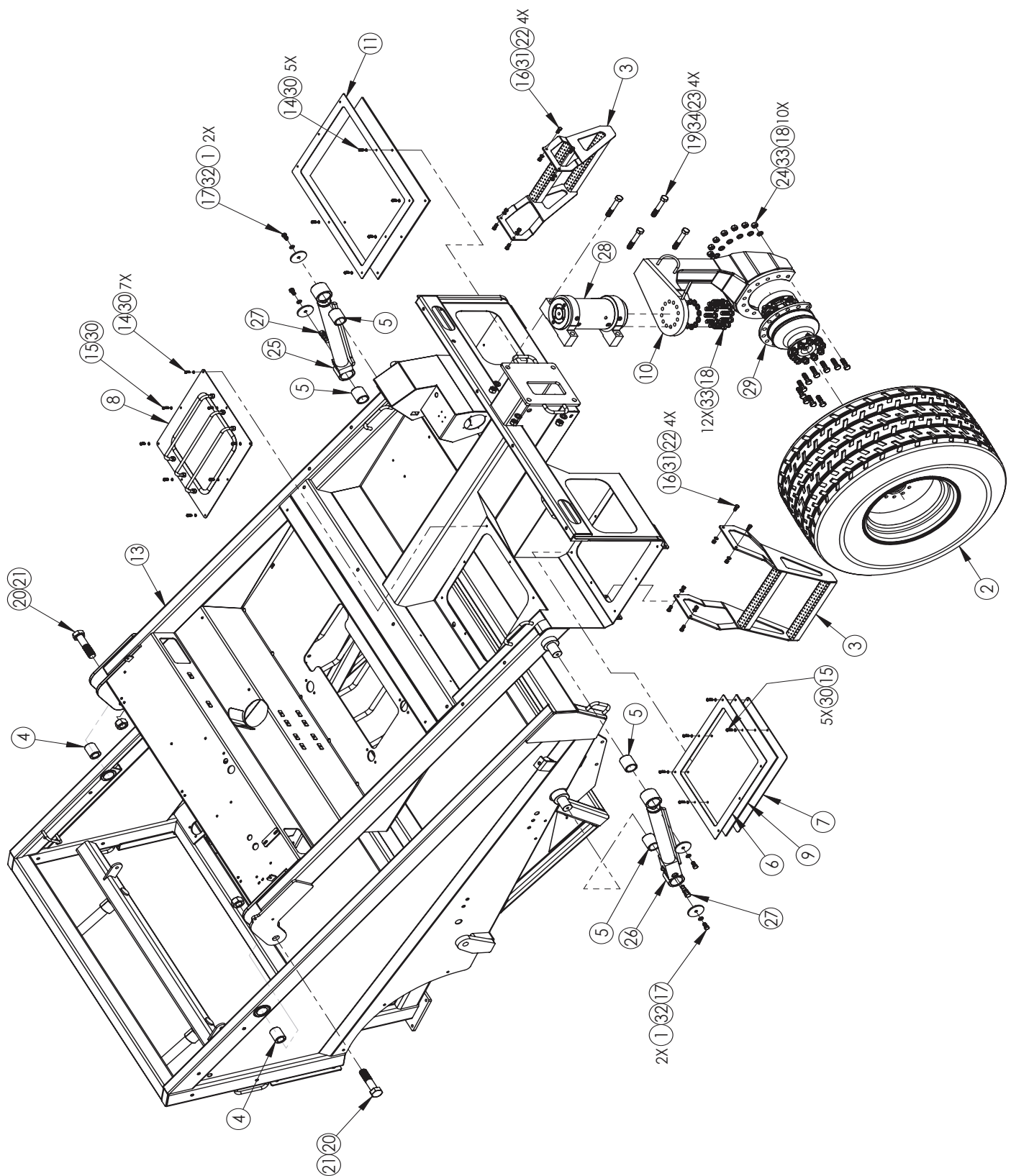
** #10 SHAKER / VIBRATOR ADDITIONAL ITEMS

71.P358105 HYDRAULIC MOTOR SHAFT SEAL

71.P358107 HYDRAULIC MOTOR

71.P358108 DRIVE COUPLING ASSEMBLY

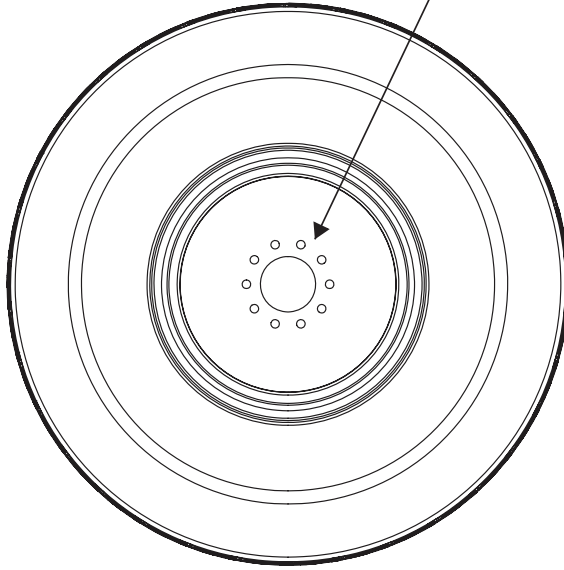
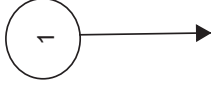
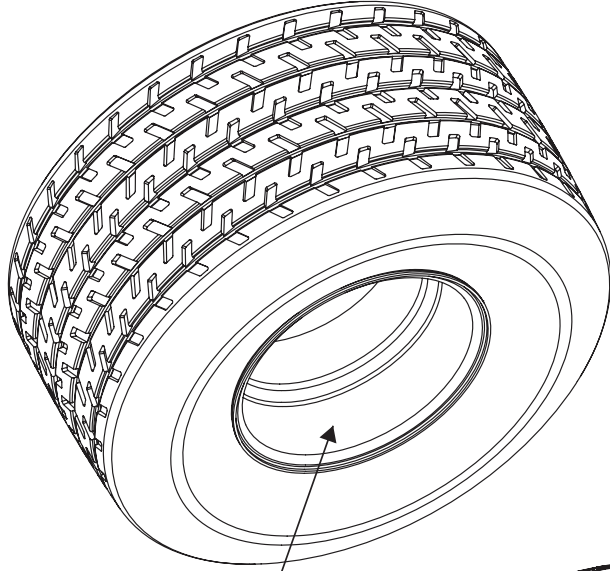
PIVOT FRAME, FRONT AXLE SCHEMATIC



PIVOT FRAME, FRONT AXLE LEGEND

ITEM	QTY. #	PART #	DESCRIPTION
1	4	480069	SPACER, 1/4 X 1/2 ID X 3 OD
2	1	550008	ASSY, TIRE AND WHEEL
3	2	550067	WLDT: STEP LADDER
4	2	550114	SLEEVE: 2.00 X 1.25 X 2.50
5	4	550115	SLEEVE: 2.25 X 1.75 X 2.56
6	1	550192	PANEL: MAT RETAINER RH
7	1	550193	PANEL: CAB ACCESS
8	1	550252	ASSY; VIEWING PANEL
9	1	550253	MAT: FLOOR RH
10	1	550383	WLDT: 5500 FORK
11	1	550384	PANEL: MAT RETAINER LH
12	1	550386	MAT: FLOOR LH
13	1	550544	WLDT: PIVOT FRAME DEUTZ
14	12	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	6	P100404	BOLT: HEX, 1/4"NC X 1"GR5
16	8	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
17	4	P100804	BOLT: HEX 1/2"-13 X 1"
18	22	P101008	BOLT: HEX, 5/8-11 NC X 2
19	4	P101218	BOLT: HEX 3/4-10 X 4-1/2"
20	2	P102022	BOLT: HEX 1 1/4 -7 NC X 5 1/2"
21	2	P155125	NUT: HEX TOP LOCK 1 1/4-7
22	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
23	4	P157120	NUT: HEX, 3/4"-10 TOP-LOCK
24	10	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
25	1	P259340	CYLINDER: 2B X 14S W/CAVITY
26	1	P259341	CYLINDER: 2 B X 14S W/MTS CAVITY
27	2	P294260	VALVE, COUNTERBALANCE CHECK CBCG-LJN
28	1	P352530	Helac L30-25
29	1	P355415	MOTOR: WHL/BRK, POCLAIN MS05-1-13
30	18	P851104	WASHER: LOCK 1/4"
31	8	P851106	WASHER: LOCK 3/8" ZP
32	4	P851108	WASHER: LOCK 1/2" ZP
33	22	P851110	WASHER: LOCK 5/8"
34	4	P851112	WASHER: LOCK 3/4"

PART NO.
550008



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

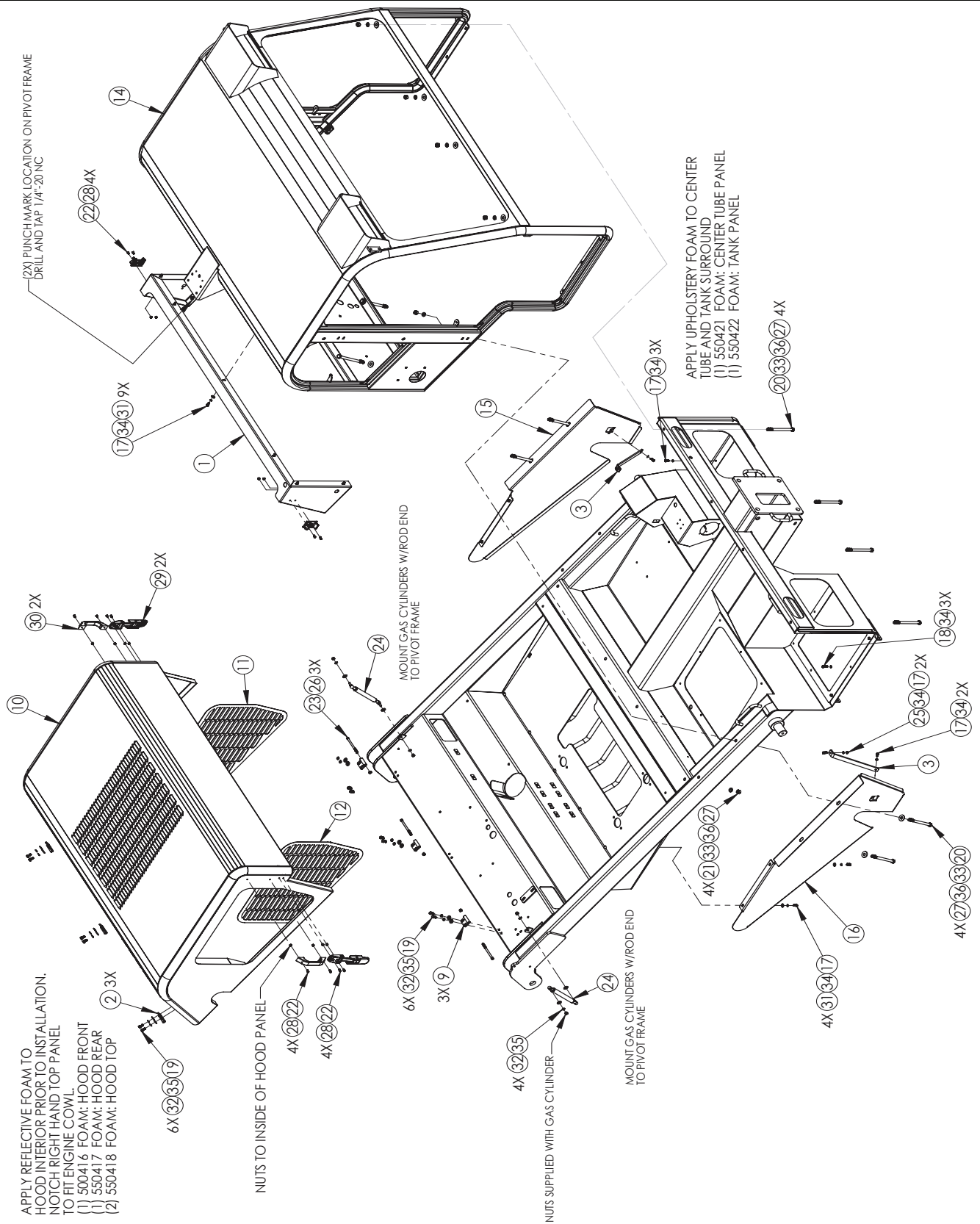
RIM HAS 1 1/2 INCH OFFSET
TIRE, 37.20" DIA, 19.68 "WIDE

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



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

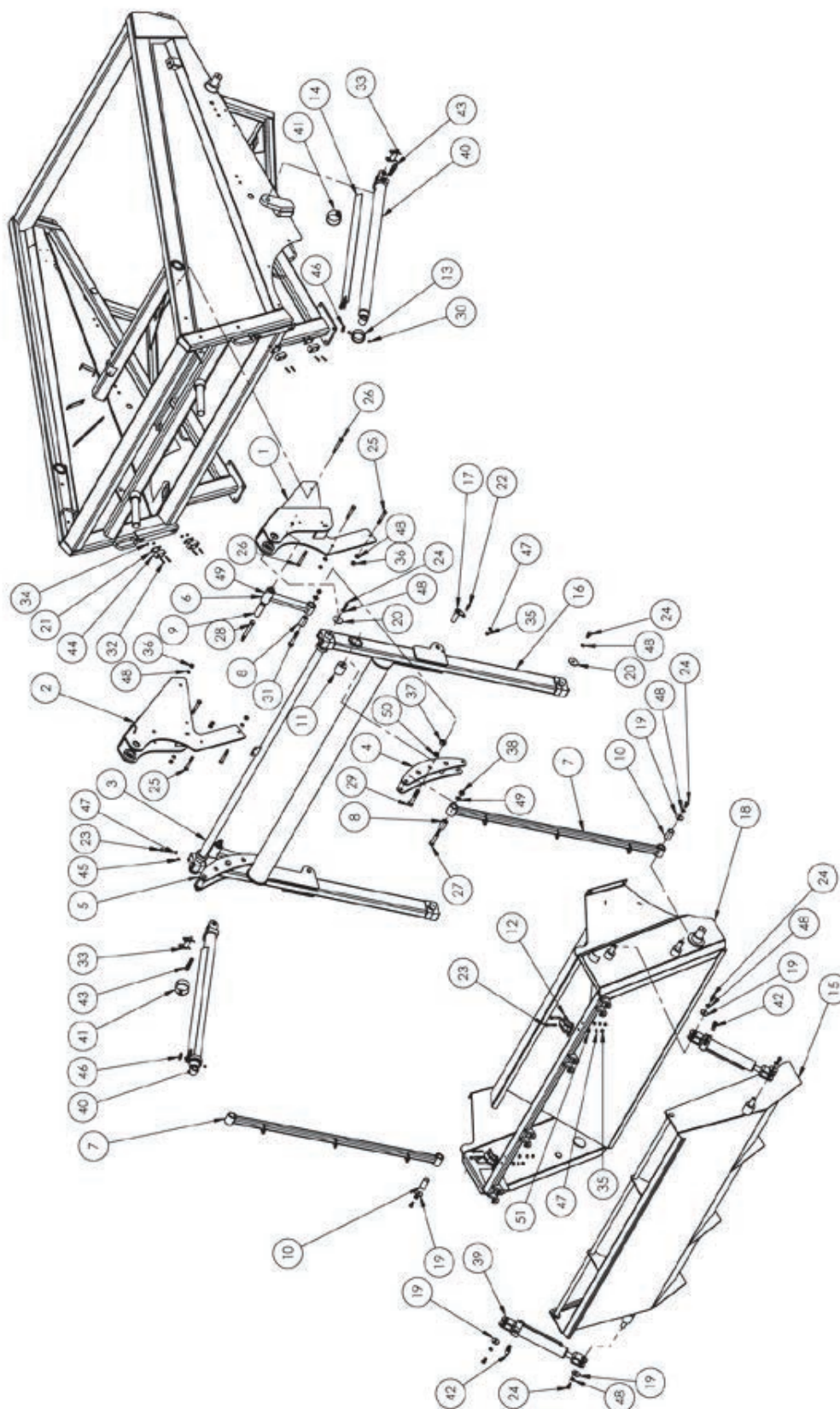
CAB AND HOOD SCHEMATIC



CAB AND HOOD LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	550138	DOGHOUSE RISER
2	3	550205	WLDT: HINGE ENGINE COVER
3	2	550216	BRACE, SIDE SHIELD
4	1	550416	FOAM: HOOD FRONT
5	1	550417	FOAM: HOOD REAR
6	2	550418	FOAM: HOOD TOP RIGHT
7	1	550421	FOAM: CENTER TUBE PANEL
8	1	550422	FOAM: TANK PANEL
9	3	550538	HINGE: HOOD FRAME HALF
10	1	550540	WLDT: ENGINE COVER
11	1	550542	AIR VENT LH
12	1	550543	AIR VENT RH
13	1	550544	WLDT: PIVOT FRAME DEUTZ
14	1	550545	CAB WLDT 5500
15	1	550546	WLDT: SIDE SKIRT LH
16	1	550547	WLDT: SIDE SKIRT RH
17	20	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
18	3	P100404	BOLT: HEX, 1/4"NC X 1"GR5
19	12	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
20	8	P100824	BOLT: HEX 1/2"-13NC X 6 GR5ZP
21	4	P100828	BOLT: HEX 1/2"-13NC X 7 GR5ZP
22	12	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
23	3	P110518	BOLT: SHCS, 5/16 NC X 4 1/2"
24	2	P133092	GAS SPRING ASM A3
25	2	P155250	NUT: HEX, 1/4" TOP-LOCK
26	3	P155350	NUT: HEX, 5/16 TOP-LOCK
27	12	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
28	12	P158010	NUT: HEX, #10-32 NYLOCK SS
29	2	P310050	LATCH ASM: SOUTHCO MODEL 37
30	2	P310055	GRAB HANDLE
31	13	P850104	WASHER: FLAT 1/4" ZP
32	16	P850105	WASHER: FLAT 5/16" ZP
33	12	P850108	WASHER: FLAT 1/2" ZP
34	23	P851104	WASHER: LOCK 1/4"
35	16	P851105	WASHER: LOCK 5/16"
36	12	P851108	WASHER: LOCK 1/2" ZP

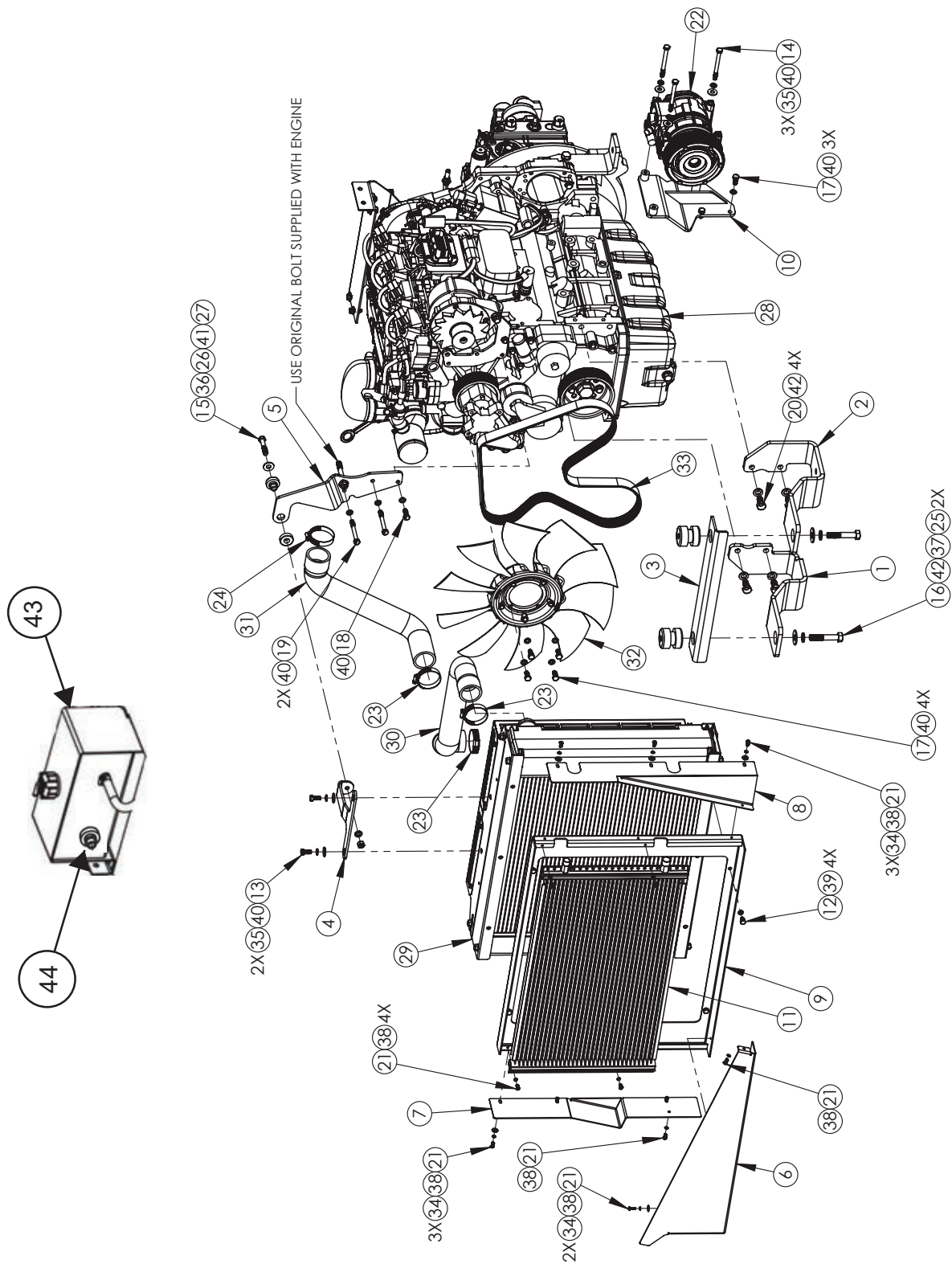
BOOM AND HOPPER SCHEMATIC



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

RADIATOR SCHEMATIC

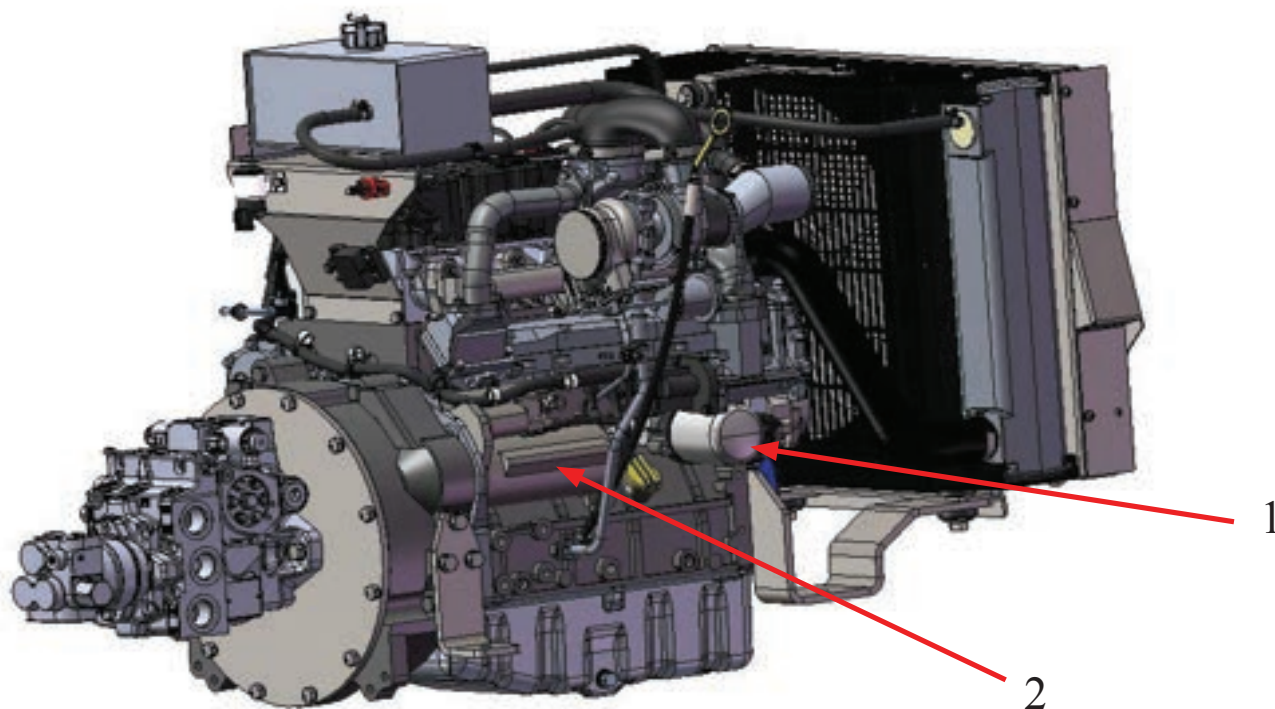


RADIATOR LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500614	MT: ENG-RADIATOR RH
2	1	500615	MT: ENG-RADIATOR LH
3	1	500616	RADIATOR MT TIE
4	1	500617	BRKT, RADIATOR TOP
5	1	500618	BRKT: RADIATOR TOP SUPPORT
6	1	550509	AIR DEFLECTOR BOTTOM
7	1	550510	AIR DEFLECTOR: ENGINE REAR
8	1	550513	WLDT: AIR DEFLECTOR FRONT
9	1	550515	CONDENSER MT DEUTZ
10	1	550520	BRKT: COMPRESSOR DEUTZ
11	1	P001633	AIR COND: EAGLE CONDENSER
12	4	P100402	1/4-20 X 1/2" HEX BOLT
13	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
14	3	P100514	BOLT: HEX, 5/16"NC X 3-1/2" GR5
15	1	P100608	BOLT: HEX 3/8-16 X 2"
16	2	P100811	BOLT: HEX 1/2-13 X 2-3/4"
17	7	P103830	BOLT: METRIC, M8-1.25 X 20
18	1	P103831	BOLT: METRIC, M8-1.25 X 25
19	2	P103834	BOLT: METRIC, M8-1.25 X 75
20	4	P103859	BOLT: METRIC M12-1.75 X 25
21	14	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
22	1	P117120	COMPRESSOR: AIR COND DENSO
23	3	P128728	CLAMP: HOSE, SIZE 28
24	1	P128732	CLAMP: HOSE, SIZE 32
25	2	P133067	ISOLATOR, LOWER TWO PIECE
26	1	P133068	ISOLATOR: CENTER BONDED
27	1	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
28	1	P370470	ENGINE: DEUTZ TD 2.9 T4F
29	1	P370471	RADIATOR KIT: RCP-14-084 DEUTZ
30	1	P370473	HOSE: RADIATOR UPPER
31	1	P370474	HOSE: RADIATOR LOWER
32	1	P370475	FAN, DEUTZ ENGINE
33	1	P371628	BELT: SERPENTINE DEUTZ 2.9T W/AC
34	8	P850103	WASHER: FLAT ZINC 3/16"
35	5	P850105	WASHER: FLAT 5/16" ZP
36	1	P850106	WASHER: FLAT 3/8" ZP
37	2	P850108	WASHER: FLAT 1/2" ZP
38	14	P851103	WASHER: LOCK 3/16"
39	4	P851104	WASHER: LOCK 1/4"
40	15	P851105	WASHER: LOCK 5/16"
41	1	P851106	WASHER: LOCK 3/8" ZP
42	6	P851108	WASHER: LOCK 1/2" ZP
43	1	P370472	EXPANSION TANK
44	1	P370485	COOLANT LEVEL SENSOR



ENGINE SERVICE



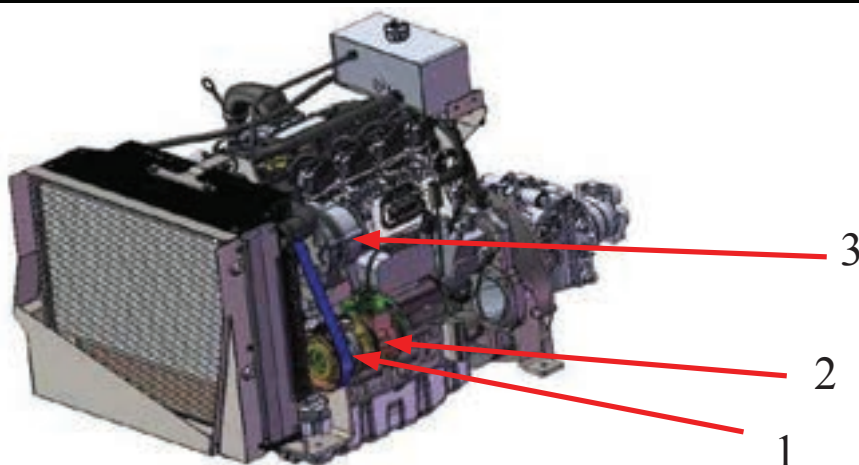
ENGINE VIEW

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P371580	ENGINE OIL FILTER
2	1	P370484	STARTER MOTOR

* ITEMS NOT PICTURED*

QTY 1	71.P371623	FILTER: FUEL / WATER SEPERATOR
QTY 1	71.P371624	FILTER: FUEL

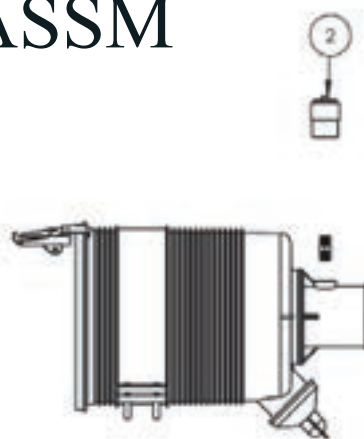
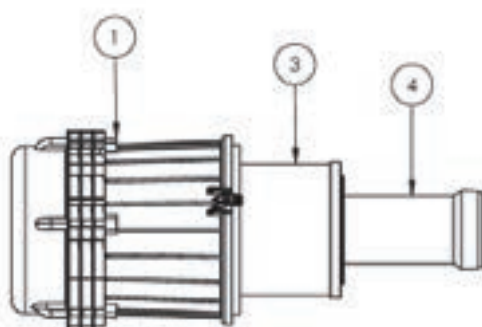
ENGINE SERVICE



ENGINE VIEW

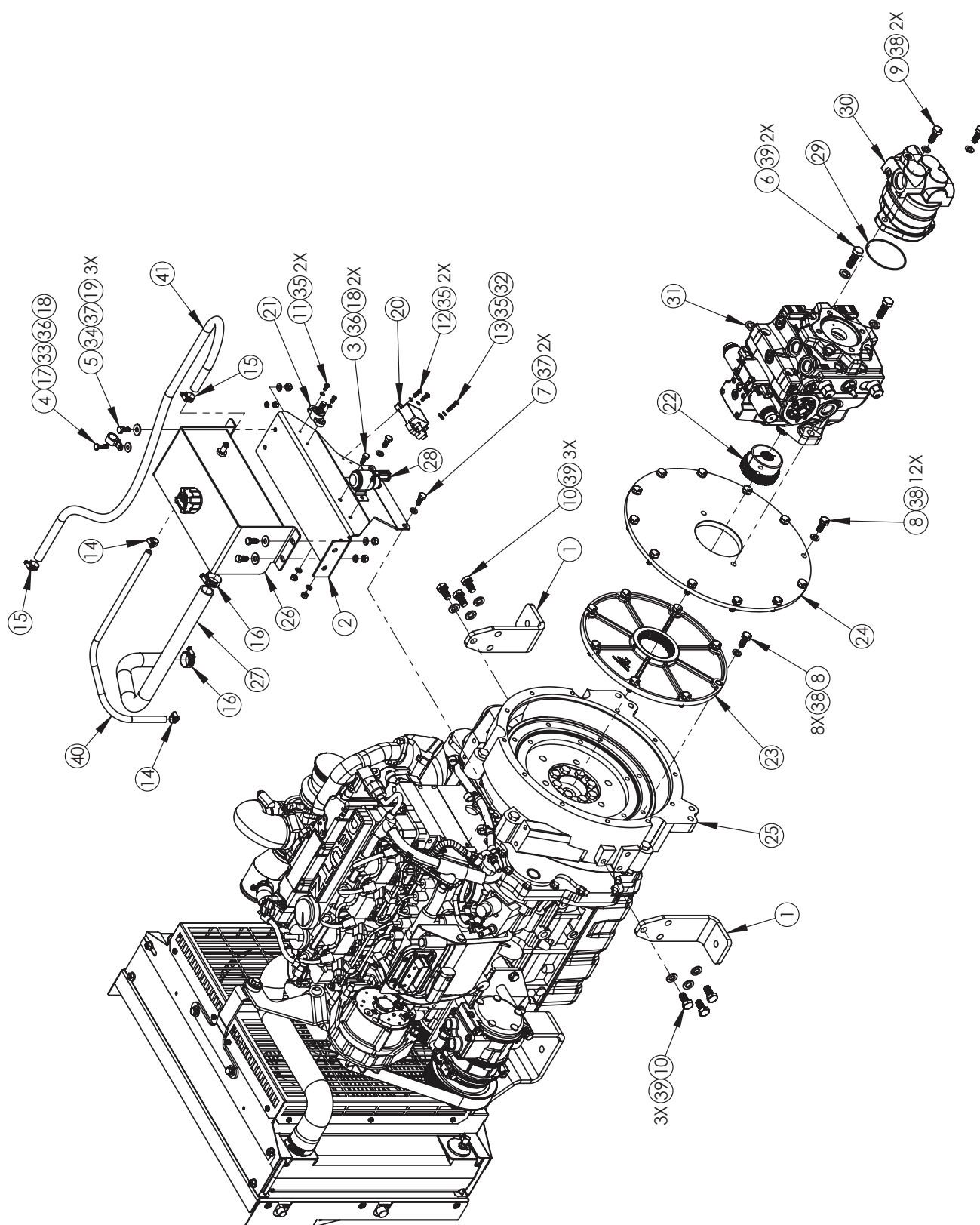
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P371628	SERPENTINE BELT
2	1	P117120	A/C COMPRESSOR
3	1	P371627	ALTERNATOR

AIR CLEANER ASSM



<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

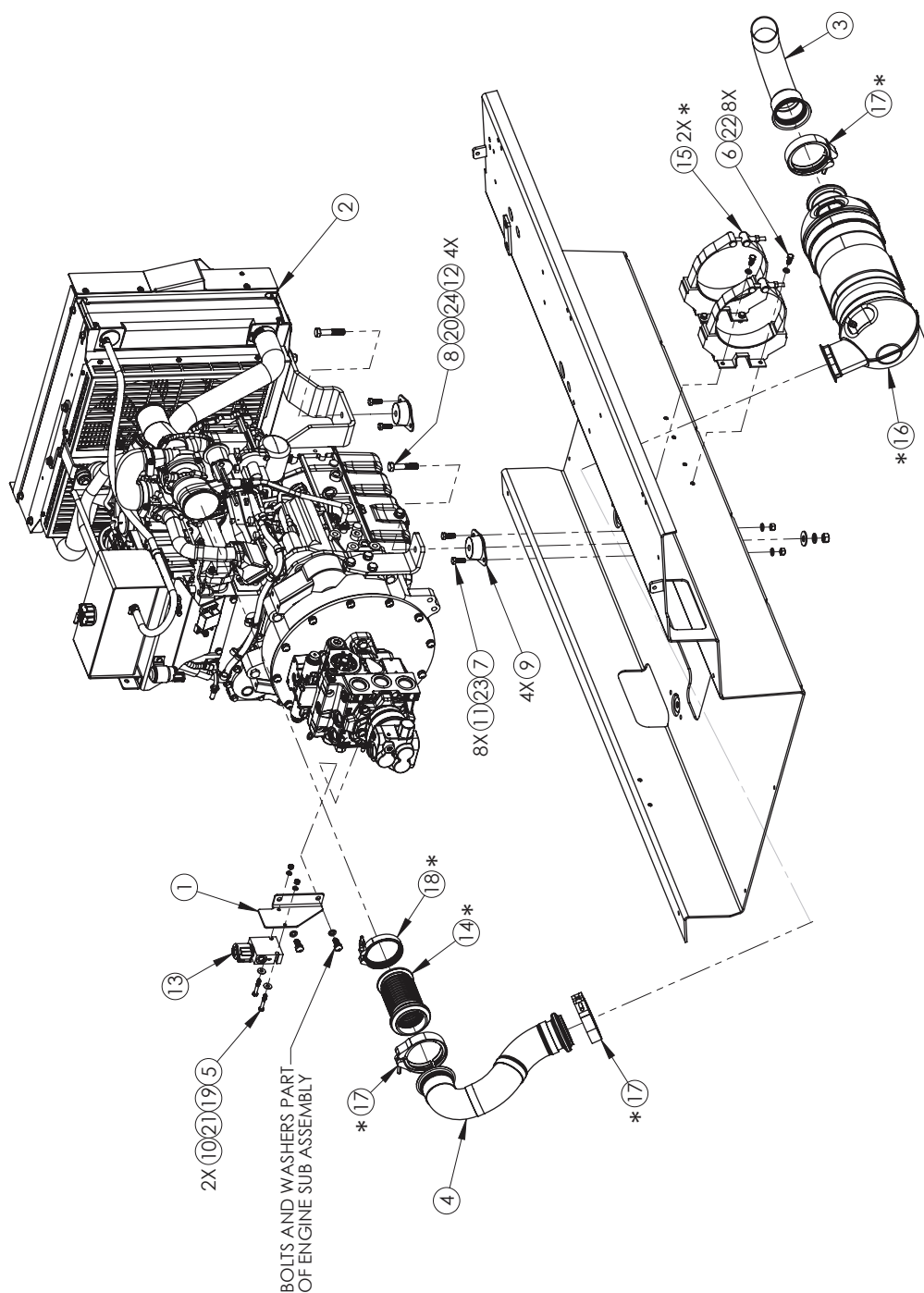
ENGINE AND PUMPS SCHEMATIC



ENGINE AND PUMPS LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	500625	MT: ENGINE REAR FOOT
2	1	550508	BRKT: EXPANSION TANK
3	2	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
4	1	P100404	BOLT: HEX, 1/4"NC X 1"GR5
5	3	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
6	2	P100806	BOLT: HEX, 1/2" X 1 1/2"GR.5Z
7	2	P103830	BOLT: METRIC, M8-1.25 X 20
8	20	P103841	BOLT: METRIC 10M -1.75 X 25MM
9	2	P103851	BOLT: METRIC M10-1.5 X 30
10	6	P103859	BOLT: METRIC M12-1.75 X 25
11	2	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
12	2	P106105	SCREW: BHSCS 10-32 X 5/8 SS
13	1	P106108	SCREW: BHSCS 10-32 X 1 SS
14	2	P128702	CLAMP: HOSE, SIZE 02
15	2	P128706	CLAMP: HOSE, SIZE 6
16	2	P128716	CLAMP: HOSE, SIZE 16
17	1	P128903	CLAMP: INSULATED 3/4"
18	3	P150400	NUT: HEX, 1/4" PLATED
19	3	P150500	NUT: HEX 5/16-18
20	1	P295710	BREAKER: CIRCUIT 150A
21	1	P297552	TERM: PWR JUNCTION STUD
22	1	P370010	HUB: DRIVE CPLG 48TSB
23	1	P370011	FLANGE: DRIVE CPLG 42/48 FWL
24	1	P370012	PLATE: DRIVE CPLG #4 MT
25	1	P370470	ENGINE: DEUTZ TD 2.9 T4F
26	1	P370472	RCP EXPANSION TANK
27	1	P370479	HOSE: RADIATOR EXP TANK
28	1	P370480	RELAY: GLOW PLUG DEUTZ
29	1	P500255	O-RING: "A" MOUNT 3.25" X .103
30	1	P555120	PUMP: LS GEAR 26307-RAD
31	1	P556450	PUMP, HYDO TRANS HIP053
32	1	P850103	WASHER: FLAT ZINC 3/16"
33	1	P850104	WASHER: FLAT 1/4" ZP
34	3	P850105	WASHER: FLAT 5/16" ZP
35	5	P851103	WASHER: LOCK 3/16"
36	3	P851104	WASHER: LOCK 1/4"
37	5	P851105	WASHER: LOCK 5/16"
38	22	P851106	WASHER: LOCK 3/8" ZP
39	8	P851108	WASHER: LOCK 1/2" ZP
40	1	R99000704	HOSE: COOLANT 1/4"
41	1	R99000716	HOSE: COOLANT 3/8"

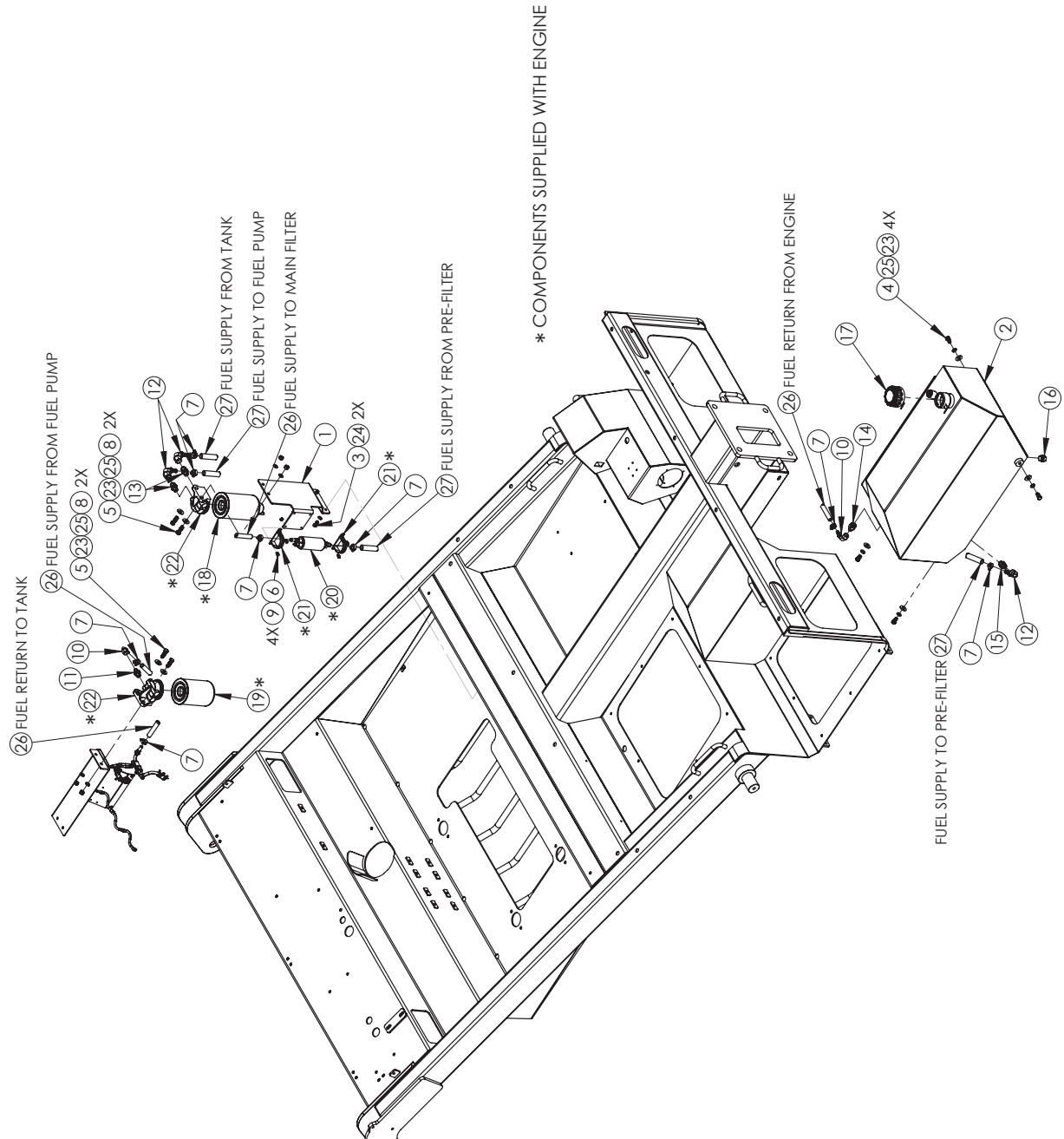
EXHAUST SCHEMATIC



EXHAUST LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550436	BRKT: BRAKE RELEASE VALVE
2	1	550560	ASM: ENGINE SUB ASM, DEUTZ 2.9 5500
3	1	550567	WLDT: TAILSPOUT DEUTZ
4	1	550568	WLDT: EXHAUST CONNECTOR DEUTZ
5	2	P100407	BOLT: HEX, 1/4"NC X 1-3/4" GR5 ZN
6	8	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
7	8	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
8	4	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
9	4	P133066	ISOLATOR, PLATE MT
10	2	P150400	NUT: HEX, 1/4" PLATED
11	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
12	4	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
13	1	P292412	VALVE: HF SV08-30-6T-N-12-EY
14	1	P370481	BELLOWS: DEUTZ EXHAUST
15	2	P370482	CLAMP: DEUTZ DOC
16	1	P370483	EXHAUST DOC, DEUTZ
17	3	P370484	CLAMP: EXHAUST TUBE DEUTZ
18	1	P370485	CLAMP, EXHAUST OUTLET DEUTZ
19	2	P850104	WASHER: FLAT 1/4" ZP
20	4	P850108	WASHER: FLAT 1/2" ZP
21	2	P851104	WASHER: LOCK 1/4"
22	8	P851105	WASHER: LOCK 5/16"
23	8	P851106	WASHER: LOCK 3/8" ZP
24	4	P851108	WASHER: LOCK 1/2" ZP

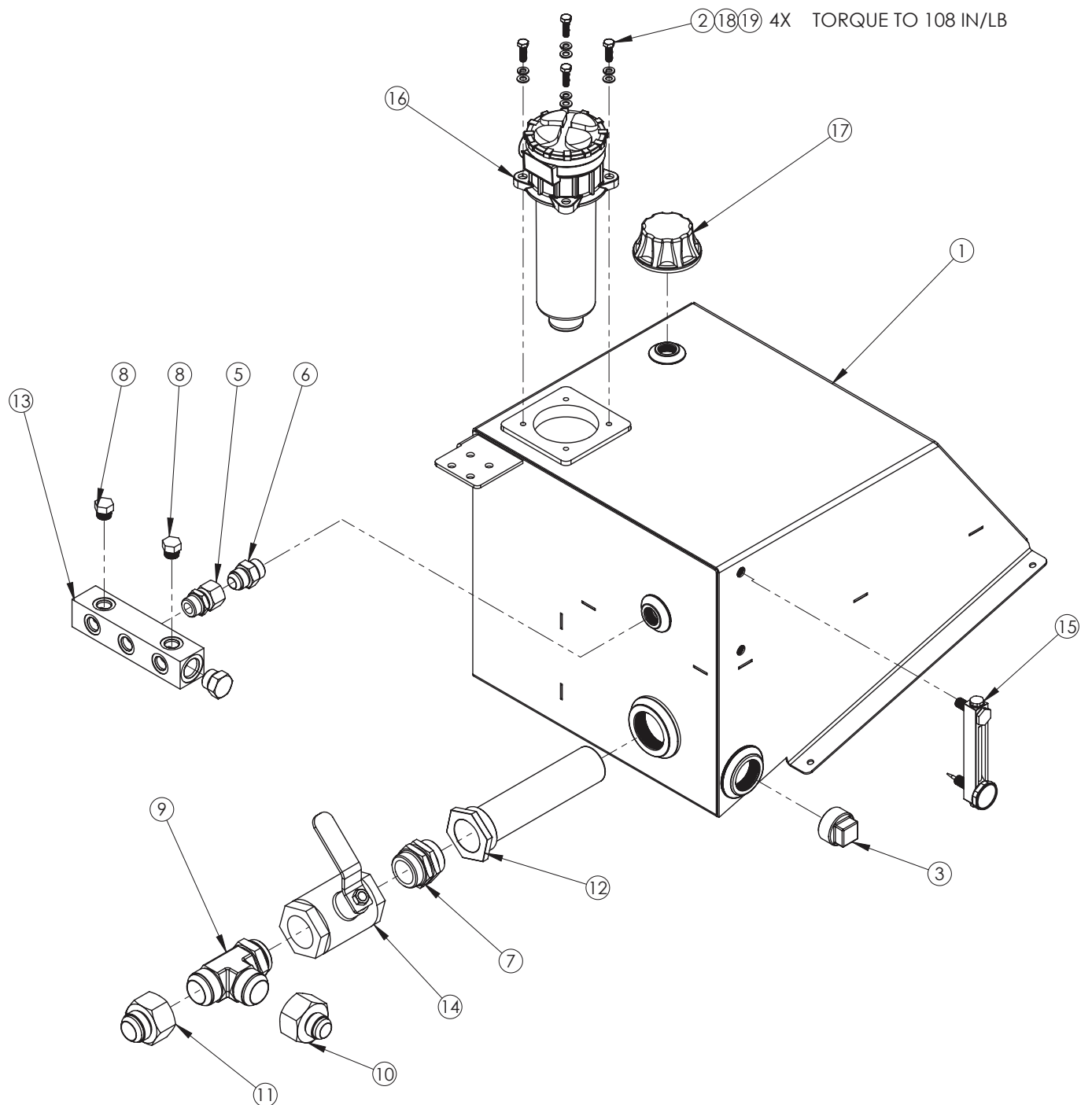
FUEL LINE SCHEMATIC



FUEL LINE LEGEND

<u>ITEM</u>	<u>FUEL/QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550507	BRKT: FILTER MT, FUEL
2	1	550563	WLDT: FUEL TANK 5500
3	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
4	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	4	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
6	4	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
7	8	P128706	CLAMP: HOSE, SIZE 6
8	4	P150600	NUT: HEX 3/8-16
9	4	P158010	NUT: HEX, #10-32 NYLOCK SS
10	2	P261514	FITTING: 6FJ 6HB 90
11	1	P261515	FITTING; 6MJ M16-1.5MB
12	3	P261555	FITTING: 8FJ 8HB 90
13	2	P261556	FITTING; 8MJ M16-1.5MB
14	1	P276110	FITTING: 6MJ 8MB
15	1	P276310	FITTING: 8MJ 8MB
16	1	P278005	FITTING: 8MB PLUG
17	1	P371106	CAP: BREATHER 3PSI
18	1	P371623	FILTER: FUEL/WATER DEUTZ 2.9 PRIMARY
19	1	P371624	FILTER: FUEL DEUTZ 2.9 MAIN
20	1	P371625	FUEL PUMP: DEUTZ 2.9T 4F
21	2	P371629	CLAMP: FUEL PUMP DEUTZ
22	2	P371631	FILTER HEAD: DEUTZ FUEL
23	8	P850106	WASHER: FLAT 3/8" ZP
24	2	P851105	WASHER: LOCK 5/16"
25	8	P851106	WASHER: LOCK 3/8" ZP
26	4	R99000713	HOSE: FUEL LINE, 3/8" ID B706
27	4	R99000714	HOSE: FUEL LINE, 1/2" ID B708

OIL RESERVIOR SCHEMATIC



OIL RESERVIOR LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550525	WLDT: OIL RESERVOIR
2	4	P100504	BOLT: HEX, 5/16" NC X 1" GR5
3	1	P270360	PLUG: MAGNETIC 1.5 MPT
4	1	P270922	PLUG: 12MB
5	1	P276446	FITTING: 12MB 12FJX
6	1	P276450	FITTING: 12MJ 12MB
7	1	P277195	FITTING: 24MB 24MB ADJUSTABLE
8	2	P278005	FITTING: 8MB PLUG
9	1	P278108	FITTING: 24MB 24MJ 24MJ
10	1	P278130	FITTING; 24FJ 16MJ REDUCER
11	1	P278132	FITTING; 24FJ 20MJ REDUCER
12	1	P278250	STRAINER, HYD 30 GPM
13	1	P292755	JUNCTION MANIFOLD: HYD OIL 5500
14	1	P294610	BALL VALVE, -24
15	1	P297220	GAUGE: OIL SIGHT
16 *	1	P371860	FILTER ASM: HYD MPT1043SAG8A10HBTC COMPLETE HOUSING
17	1	P371862	BREATHER: TANK PRESSURIZED
18	4	P851105	WASHER: LOCK 5/16"
19	4	P852105	WASHER: FLAT 5/16" NARROW

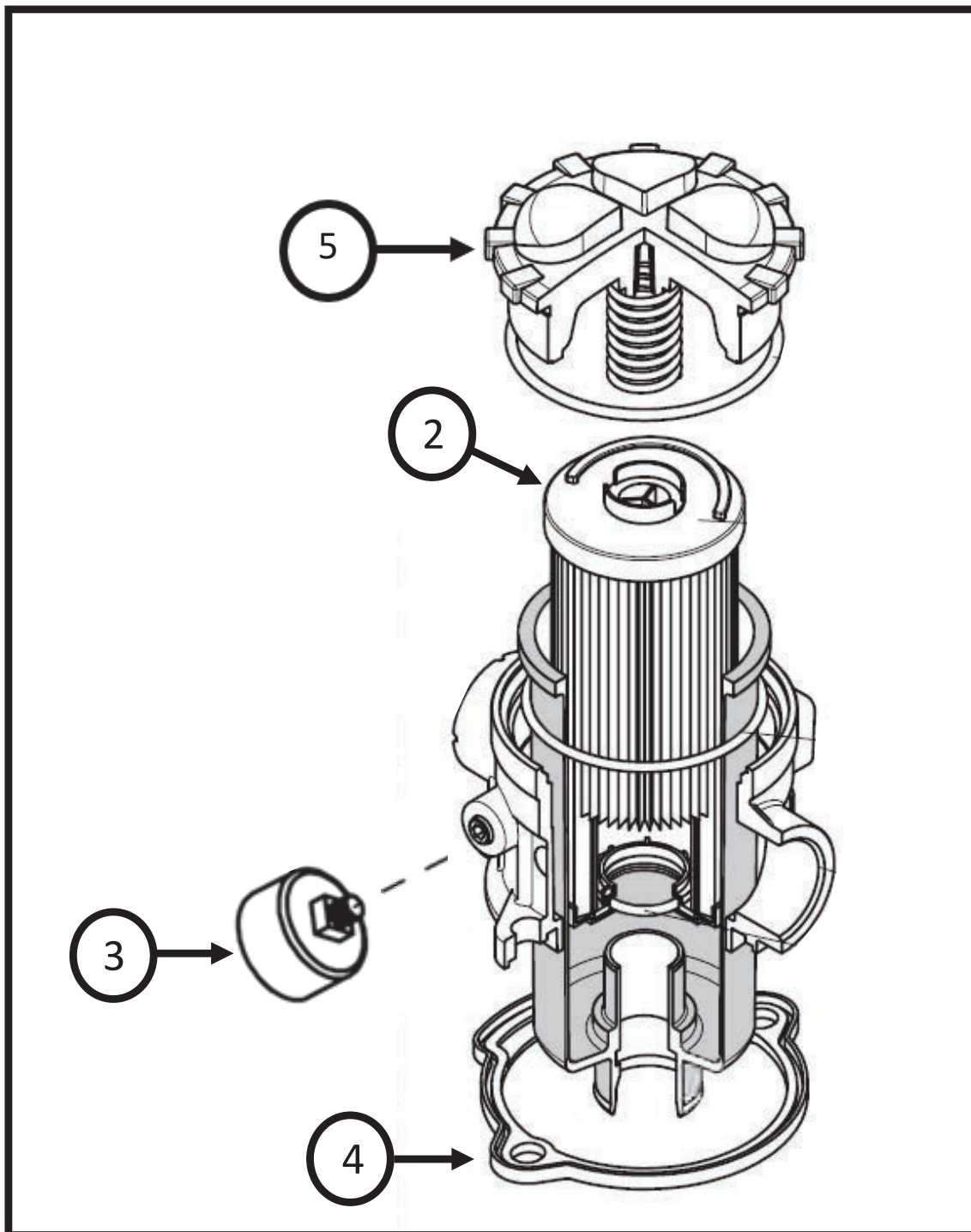
QTY 1 71.P371861 TANK HYDRAULIC FILTER 10 MICRON

71.P372310 HYDRAULIC TEMPERTURE SENSOR (NOT SHOWN)

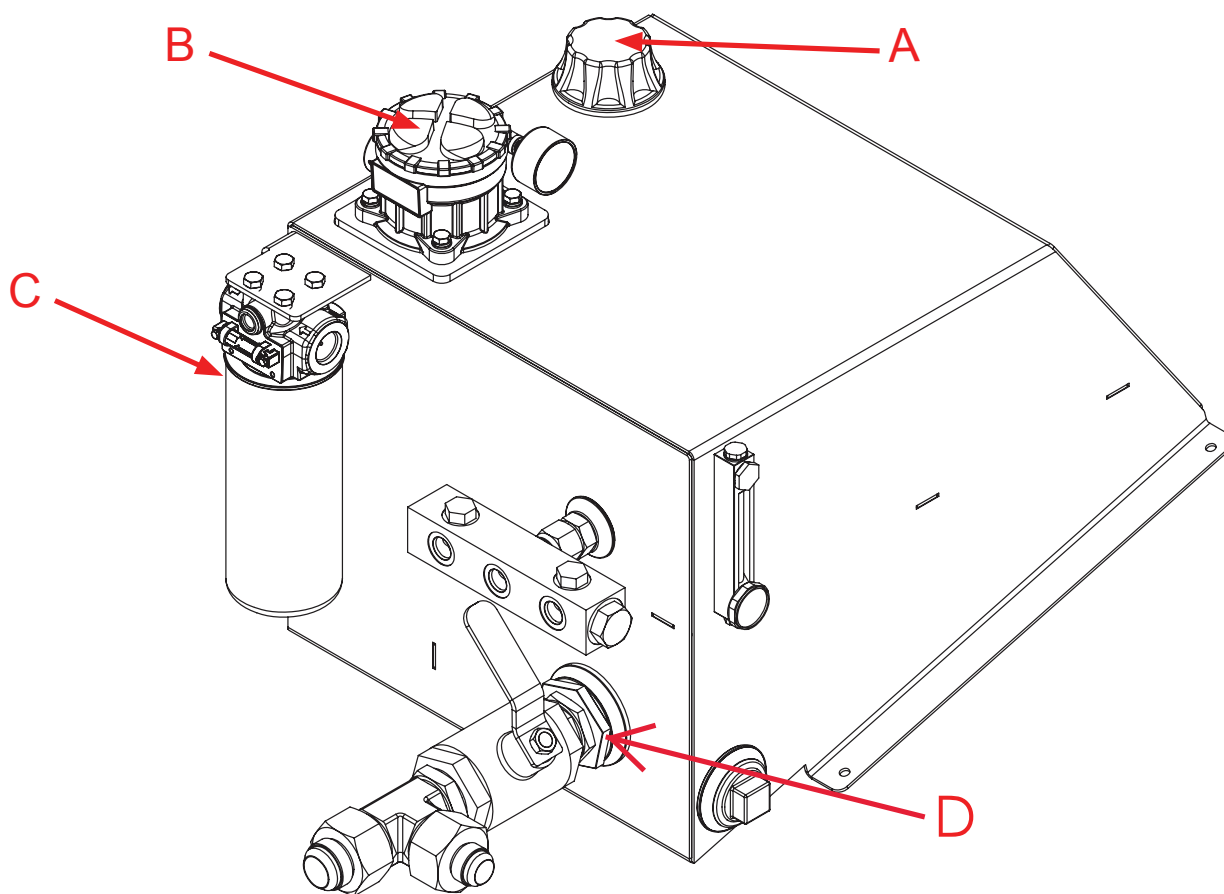
71.550598 HYDRAULIC LEVEL SENSOR (NOT SHOWN)

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

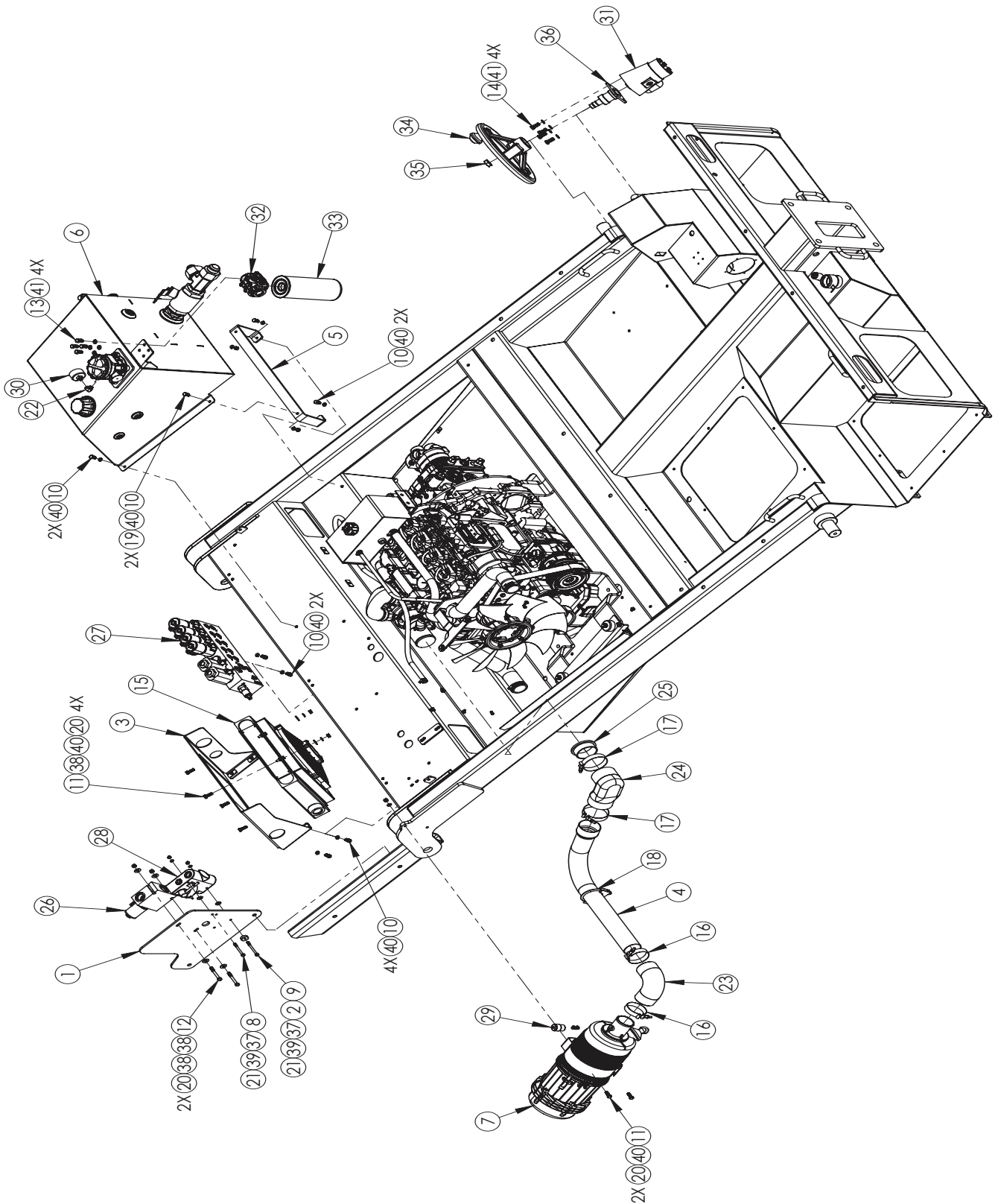


HYDRAULIC SYSTEM SERVICE



<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
A	71.P371862	TANK BREATHER
B	71.P371861	IN TANK FILTER ELEMENT 10 MICRON
C	71.P371935	HIGH PRESSURE FILTER ELEMENT
D	71.P278250	IN TANK STRAINER

RESERVOIR, VALVE, AIR CLEANER SCHEMATIC



RESERVOIR, VALVE, AIR CLEANER LEGEND

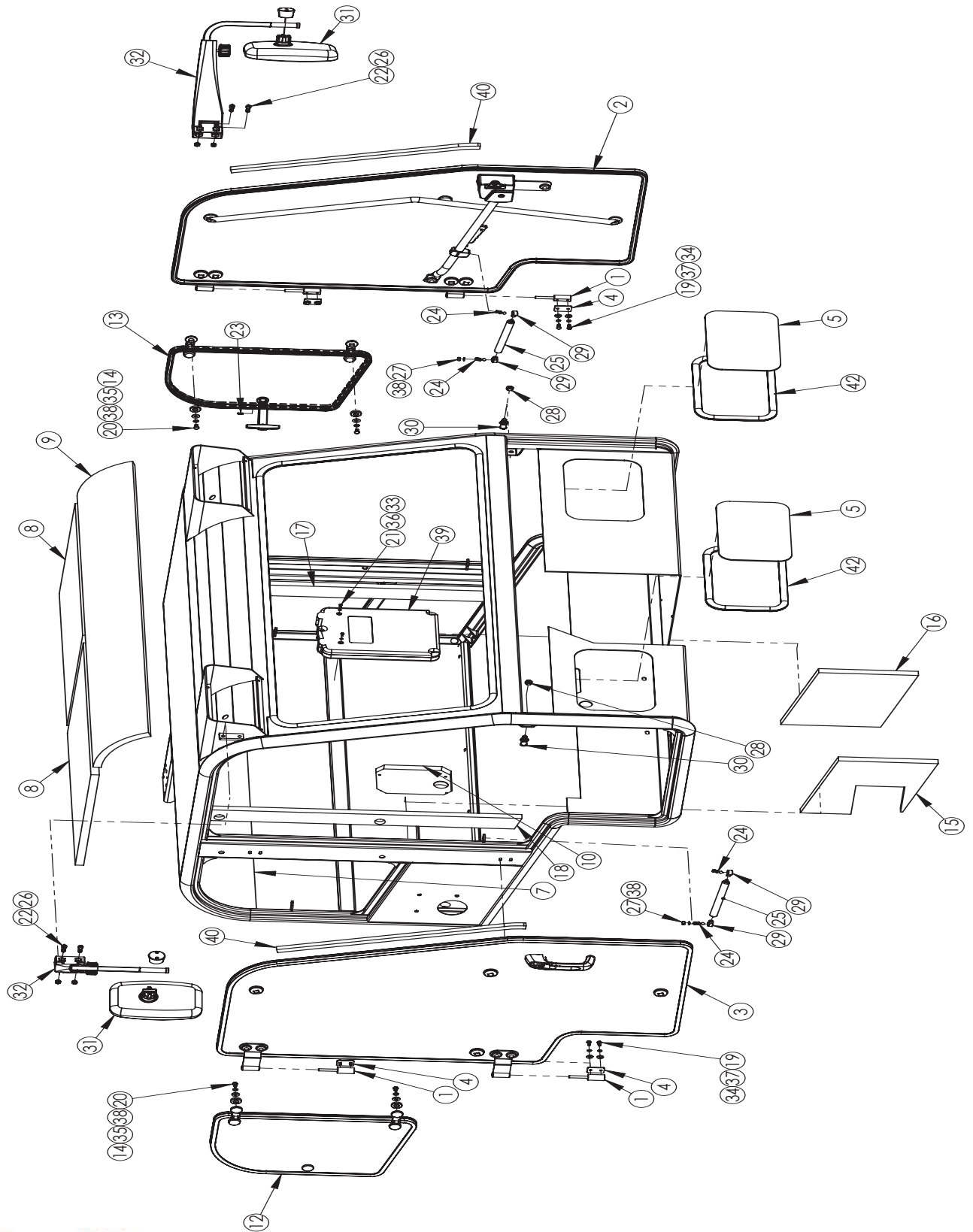
ITEM	QTY	PART #	DESCRIPTION
1	1	550126	BRKT: VALVE MT
2	1	550127	SPACER, VALVE STOP
3	1	550350	BRKT: OIL COOLER MT
4	1	550432	TUBE: INTAKE ELBOW
5	1	550539	SUPPORT: OIL TANK
6	1	550559	ASM: OIL RESERVOIR
7	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
8	1	P100411	BOLT: HEX, 1/4"NC X 2 3/4" GR5 ZN
9	1	P100412	1/4-20 X 3" HEX BOLT
10	12	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
11	6	P100504	BOLT: HEX, 5/16" NC X 1" GR5
12	2	P100511	5/16-18 X 2-3/4 HEX BOLT
13	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
14	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
15	1	P117320	COOLER: HYD OIL AKG DCS16-12
16	2	P128860	CLAMP: T BOLT BAND 2 1/2"
17	2	P128870	CLAMP; T BOLT BAND 3 1/2"
18	1	P128930	CLAMP, MUFFLER 2 1/2"
19	2	P150500	NUT: HEX 5/16-18
20	8	P155350	NUT: HEX, 5/16 TOP-LOCK
21	2	P158003	NUT, HEX, 1/4 ELASTIC STOP
22	1	P267171	FITTING: 2MP 2FP90
23	1	P269006	HOSE: A/C ELBOW 2.5" ID
24	1	P269008	INTAKE ELBOW, 3 COBRA
25	1	P269209	REDUCER: RUBBER 3 - 2.75
26	1	P292410	VALVE ASM, PV72-30
27	1	P292510	VALVE: VA14 - 0712
28	1	P294150	VALVE: BRAND FC55-10-SAE*37
29	1	P297160	GAUGE: IND A/C DON #RAX002351
30	1	P297170	GAUGE, IND LP C1-20
31	1	P352210	POWER STEERING MOTOR
32	1	P371930	FILTER HEAD: HYD CHARGE PUMP HMK04
33	1	P371935	FILTER: HYD HIGH PRESSURE 5000
34	1	P768500	WHEEL: STEERING
35	1	P768501	NUT, STEERING COLUMN
36	1	P768515	COLUMN: STEERING
37	2	P850104	WASHER: FLAT 1/4" ZP
38	8	P850105	WASHER: FLAT 5/16" ZP
39	2	P851104	WASHER: LOCK 1/4"
40	18	P851105	WASHER: LOCK 5/16"
41	8	P851106	WASHER: LOCK 3/8" ZP

71.P117310 HYD COOLING FAN

* QTY 1 71.P371366 AIR FILTER PRIMARY (OUTER)*

* QTY 1 71.P371376 AIR FILTER SAFETY (INNER)*

CAB ASSEMBLY SCHEMATIC



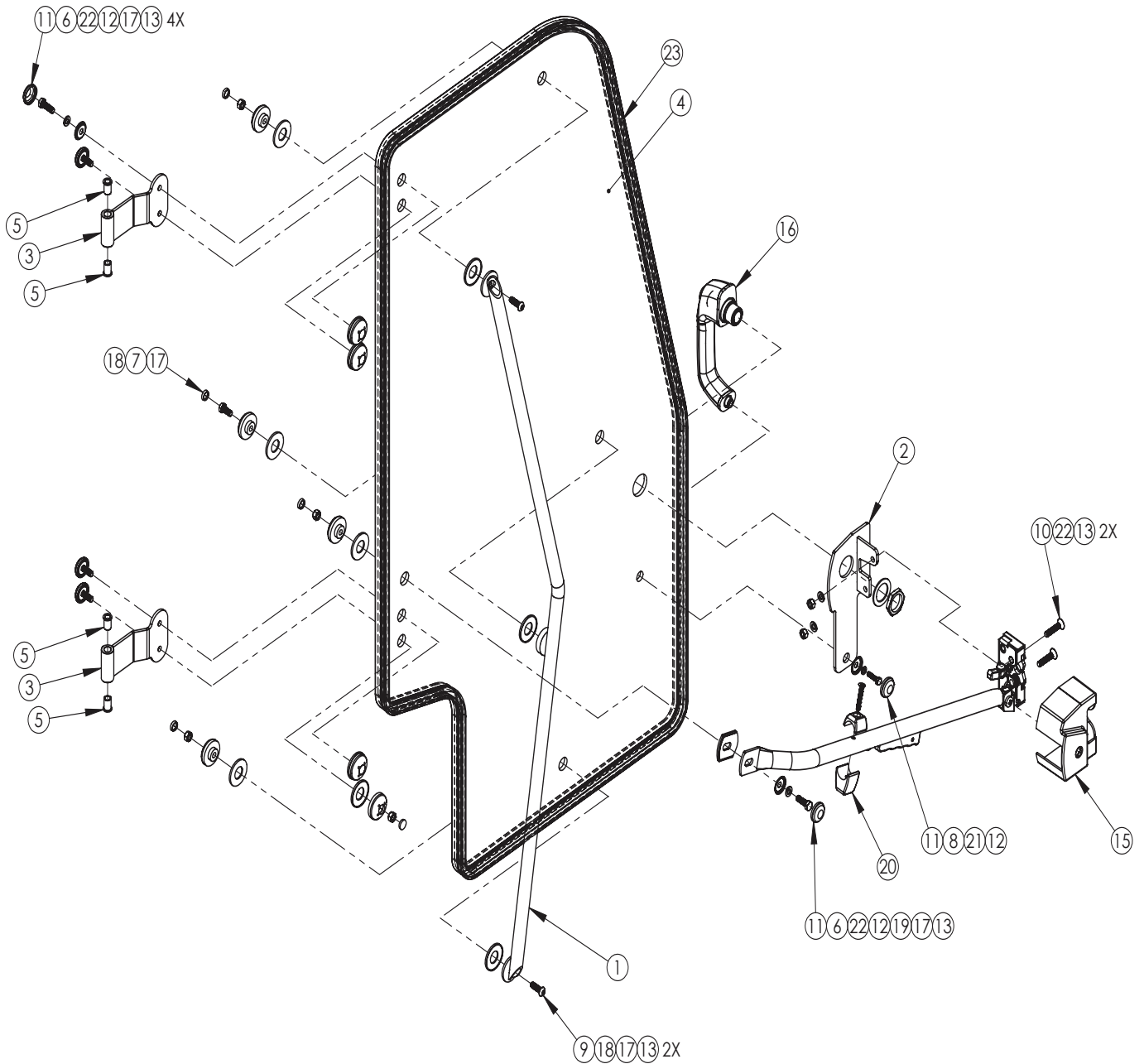
CAB ASSEMBLY LEGEND

<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	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

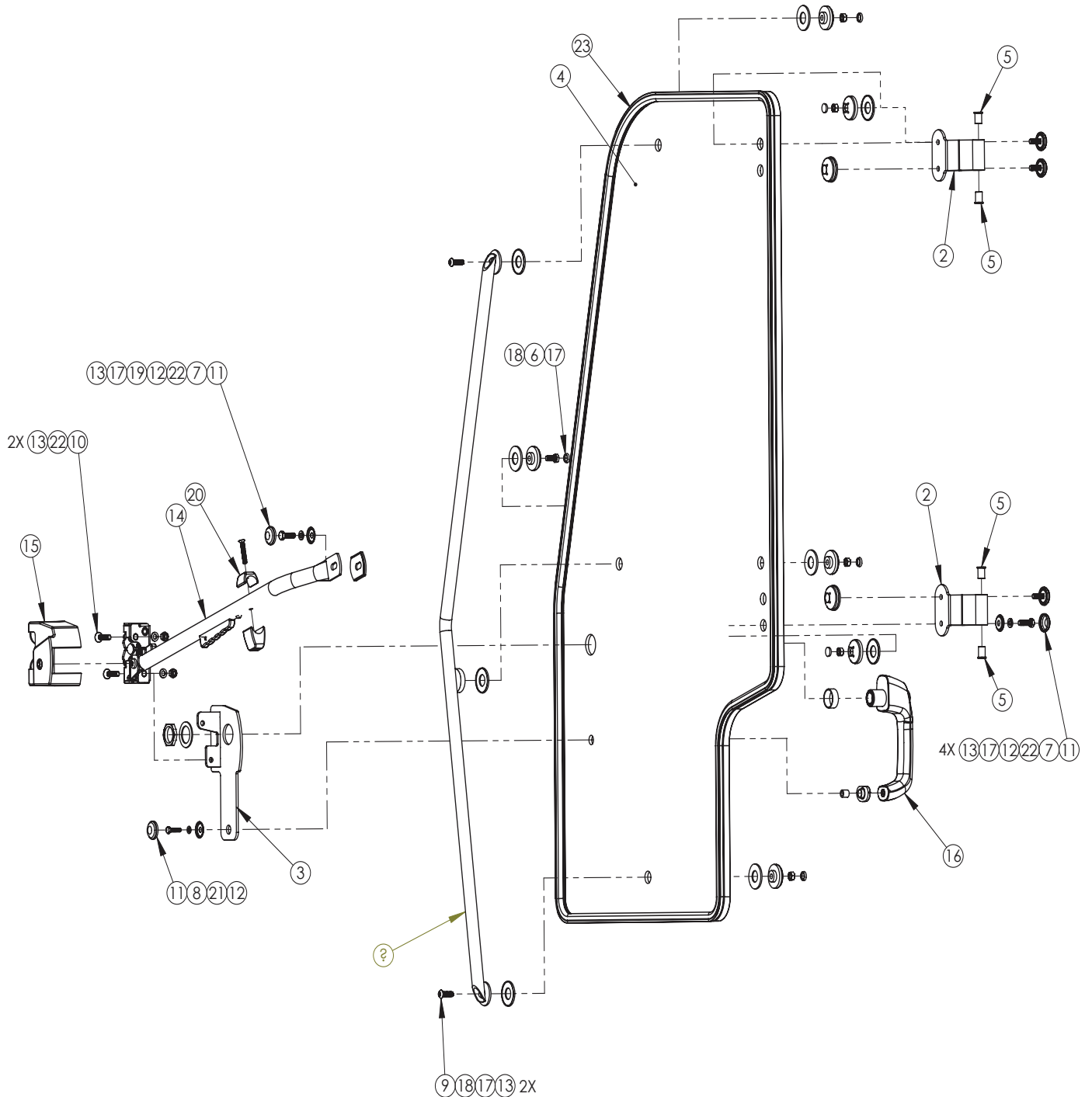


LEFT DOOR ASSEMBLY LEGEND

<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
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

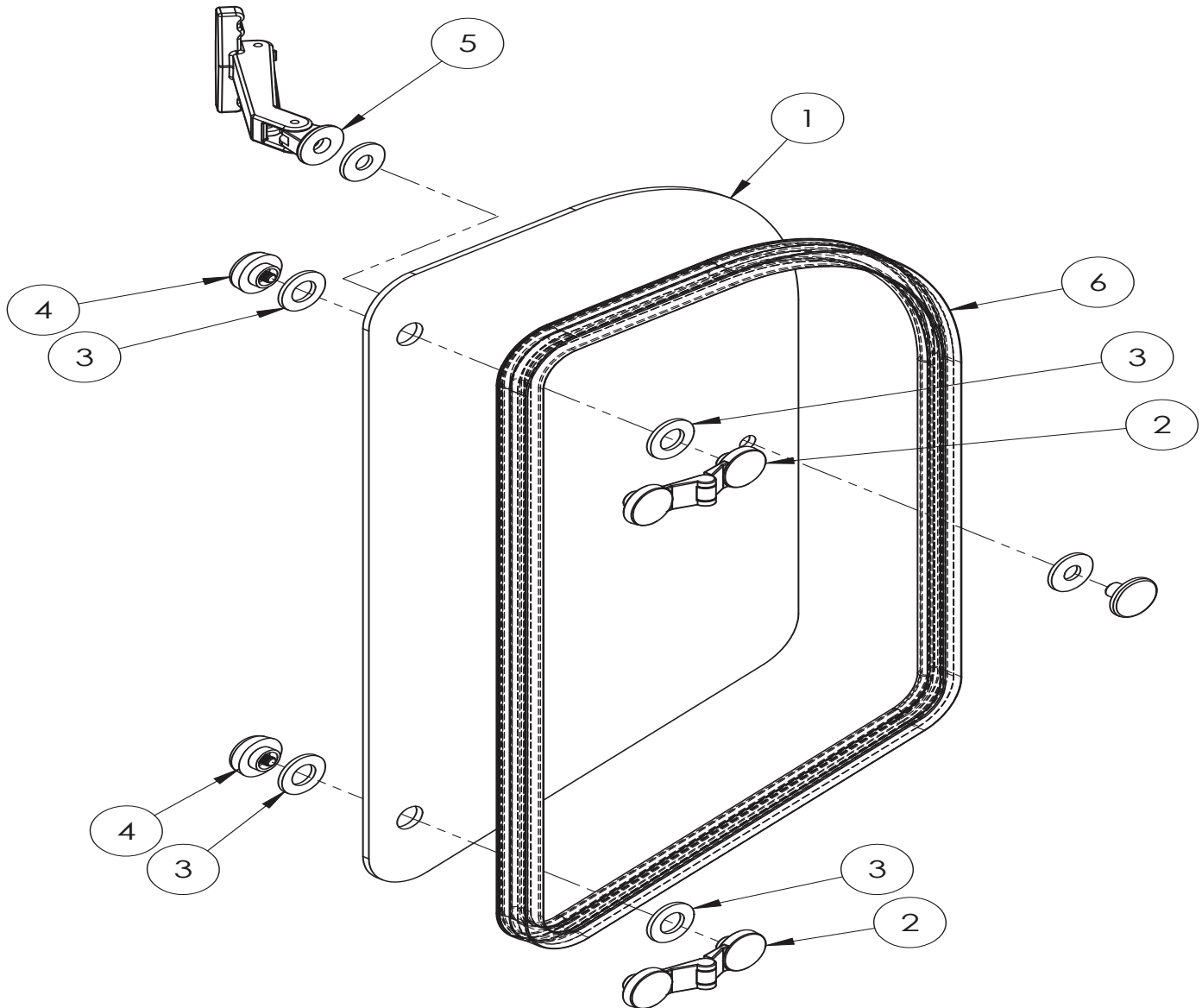
RIGHT DOOR ASSEMBLY: 550202



RIGHT DOOR ASSEMBLY SCHEMATIC

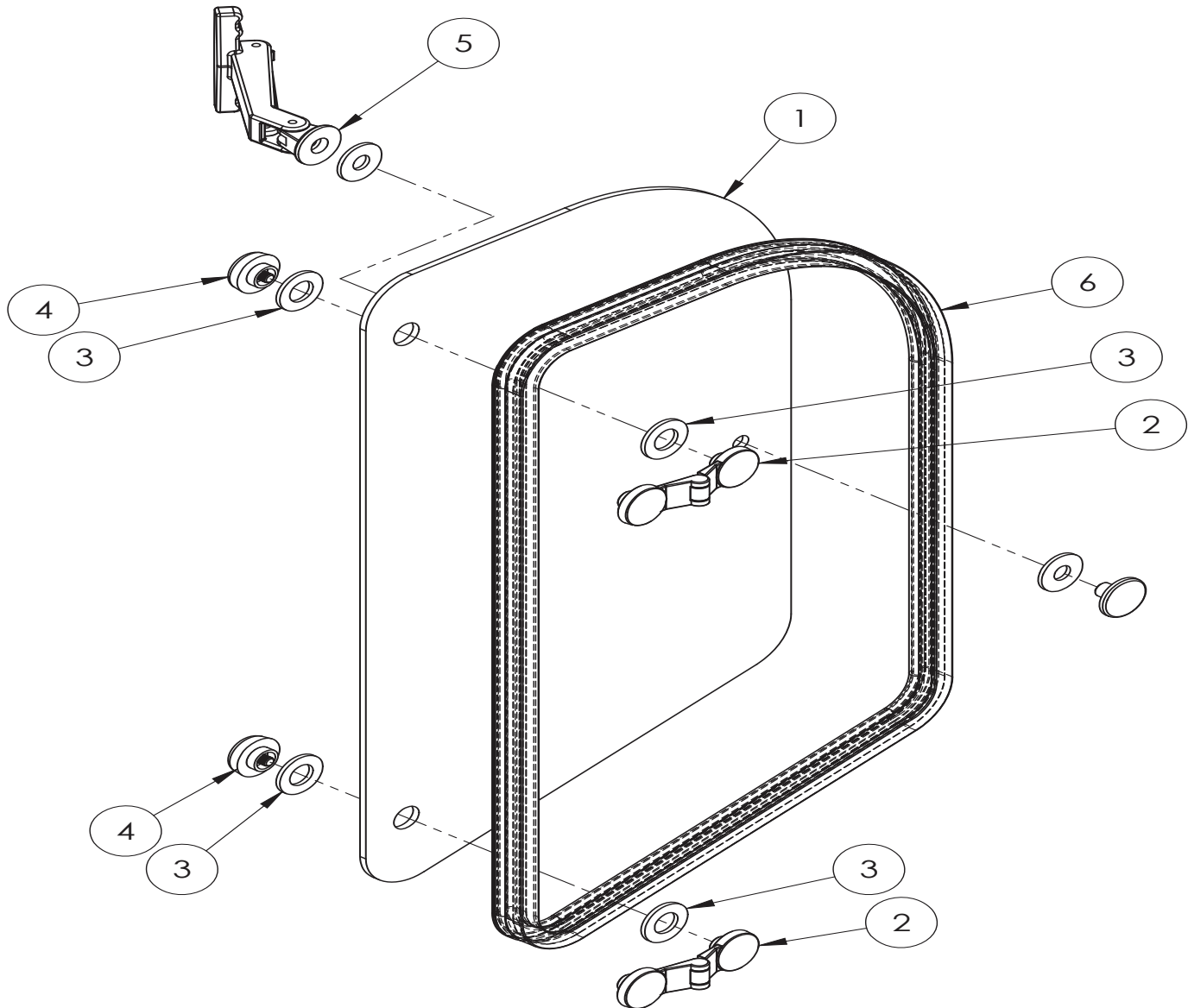
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550141	DOOR BRACE RH
2	2	550241	WLDT: DOOR HINGE UNI
3	1	550244	WLDT: LATCH BRKT RH
4	1	550245	GLASS: CAB DOOR
5	4	P006650	BEARING, FLANGED SLEEVE .38 ID
6	1	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
7	5	P100504	BOLT: HEX, 5/16" NC X 1" GR5
8	1	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

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



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



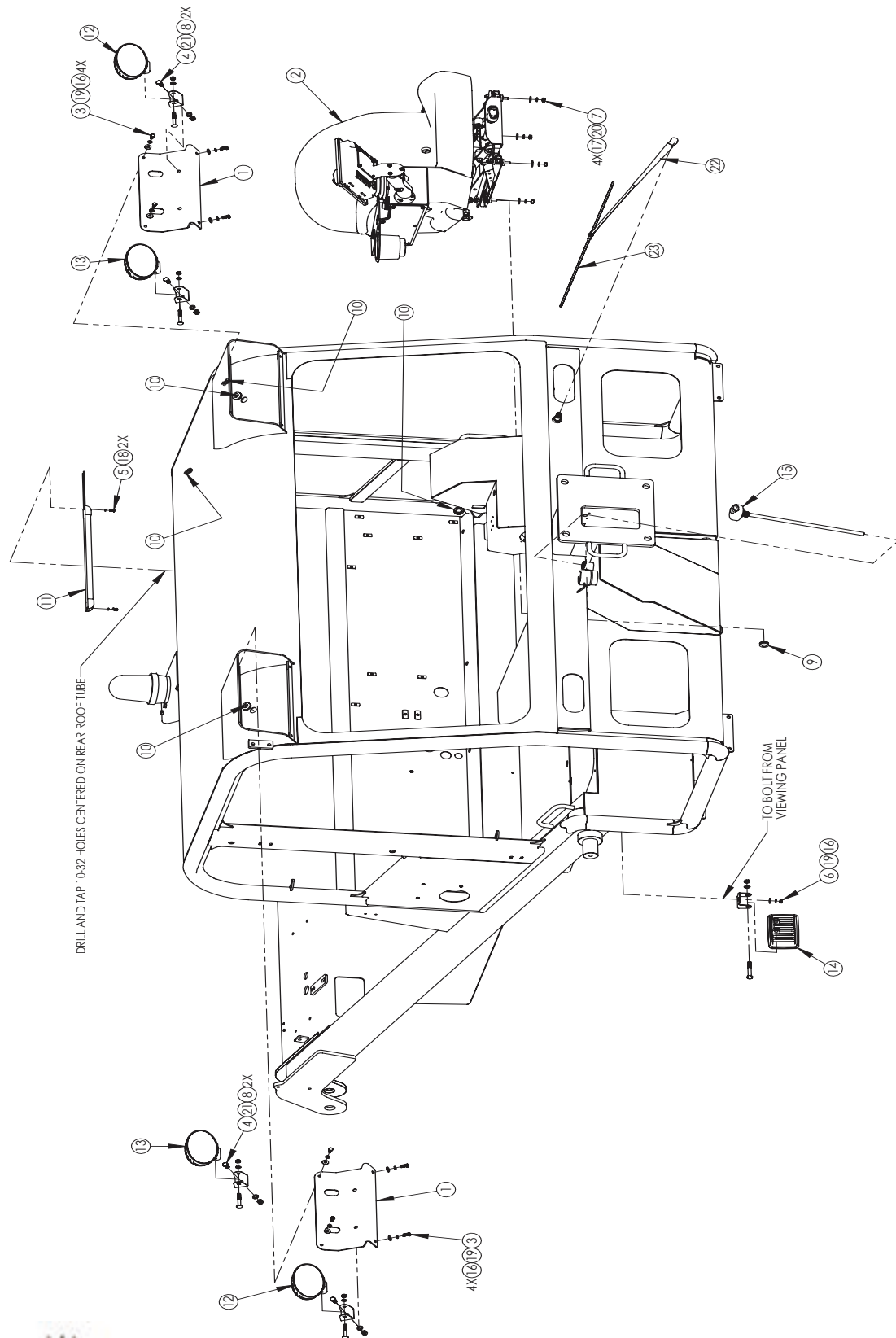
P-36

55EBF601

CONTROL AND ELECTRICAL LEGEND

ITEM	QTY.	PART #	DESCRIPTION
1	1	4992	CABLE: BATTERY 12" 3/8 X 3/8 BLK
2	1	300020	CABLE: BATTERY, 32" 3/8 X 3/8
3	1	550264	CABLE: BATTERY 34" 3/8 X 3/8 RED
4	1	550506	WLDT: CONTROLLER MT
5	1	550528	WLDT: BATTERY BOX
6	1	550530	BATTERY BOX DOOR
7	1	550572	CABLE: BATTERY 1GA RED X 68"
8	1	550573	CABLE: BATTERY, 74" 3/8 X NLUG
9	1	P001720	ALARM: BACK-UP, PRECO 45AA
10	1	P002300	BATTERY: EXIDE 24F60
11	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
12	4	P100404	BOLT: HEX, 1/4"NC X 1"GR5
13	6	P100409	1/4-20 X 2-1/4 HEX BOLT
14	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
15	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
16	5	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
17	1	P133410	MOTOR: WIPER 5500
18	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
19	1	P296130	MODULE: POWER DISTRIBUTION
20	1	P296600	CABLE GRIP: #1234N1203
21	1	P296845	ECU: DEUTZ ENGINE
22	1	P296881	MICRO-CONTROLLER: PLUS1-24
23	1	P296899	MICRO-CONTROLLER PLUS1-50
24	1	P297375	GROMMET: 3/8 BORE
25	4	P297625	GROMMET: 5/8 BORE
26	1	P298151	SWITCH: MASTER #44076
27	1	P298200	SENSOR: HOPPER CAPACITY TRANSMITTER
28	1	P298201	SENSOR: HOPPER CAPACITY RECEIVER
29	1	P310130	LATCH ASM BATTERY COVER
30	1	P312600	LIGHT: STROBE
31	6	P850103	WASHER: FLAT ZINC 3/16"
32	4	P850104	WASHER: FLAT 1/4" ZP
33	2	P850105	WASHER: FLAT 5/16" ZP
34	5	P851103	WASHER: LOCK 3/16"
35	14	P851104	WASHER: LOCK 1/4"
36	2	P851105	WASHER: LOCK 5/16"
37	4	P851106	WASHER: LOCK 3/8" ZP
38	2	R96574003	EDGE TRIM: RUBBER 1/8T X 10"
39	1	R96574003	EDGE TRIM: RUBBER 1/8T X 11.5"

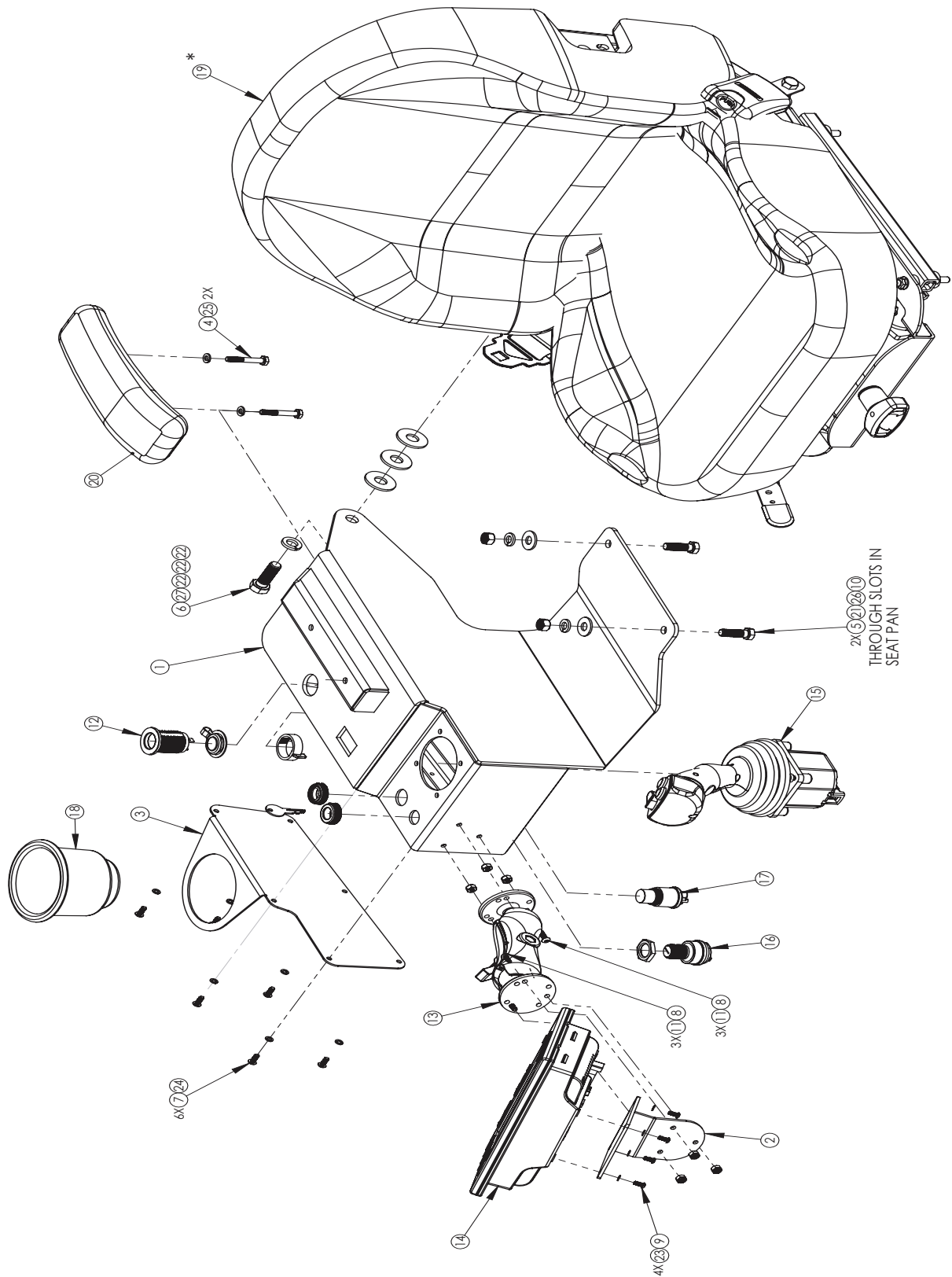
CONTROL AND ELECTRICAL SCHEMATIC



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	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
4	4	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	2	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
6	1	P150400	NUT: HEX, 1/4" PLATED
7	4	P150500	NUT: HEX 5/16-18
8	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
9	1	P297450	GROMMET: 1/2"B X 1/4"MT
10	5	P297625	GROMMET: 5/8 BORE
11	1	P312710	LIGHT: CAB INTERIOR
12	2	P312720	LIGHT: OVAL WORK LED FLOOD
13	2	P312730	LIGHT: OVAL WORK LED WIDE FLOOD
14	1	P312750	LIGHT: WORKING LED RECT
15	1	P372210	SENDER: FUEL LEVEL T/LL131
16	9	P850104	WASHER: FLAT 1/4" ZP
17	4	P850105	WASHER: FLAT 5/16" ZP
18	2	P851103	WASHER: LOCK 3/16"
19	9	P851104	WASHER: LOCK 1/4"
20	4	P851105	WASHER: LOCK 5/16"
21	4	P851106	WASHER: LOCK 3/8" ZP
22	1	P860110	ARM: WIPER, ADJ 5500
23	1	P860210	BLADE: WIPER 22"

SEAT ASSEMBLY SCHEMATIC

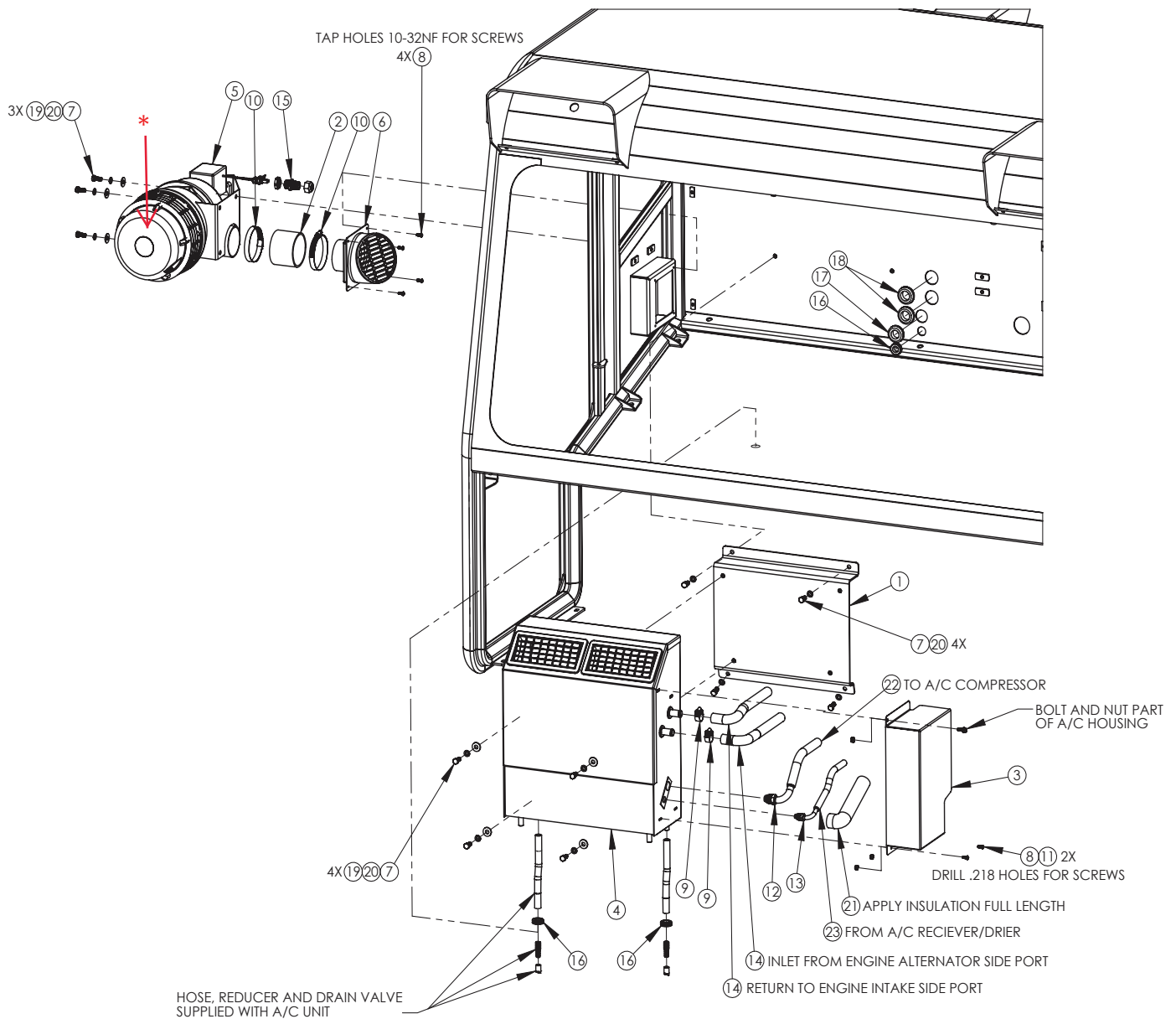


SEAT ASSEMBLY LEGEND

<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

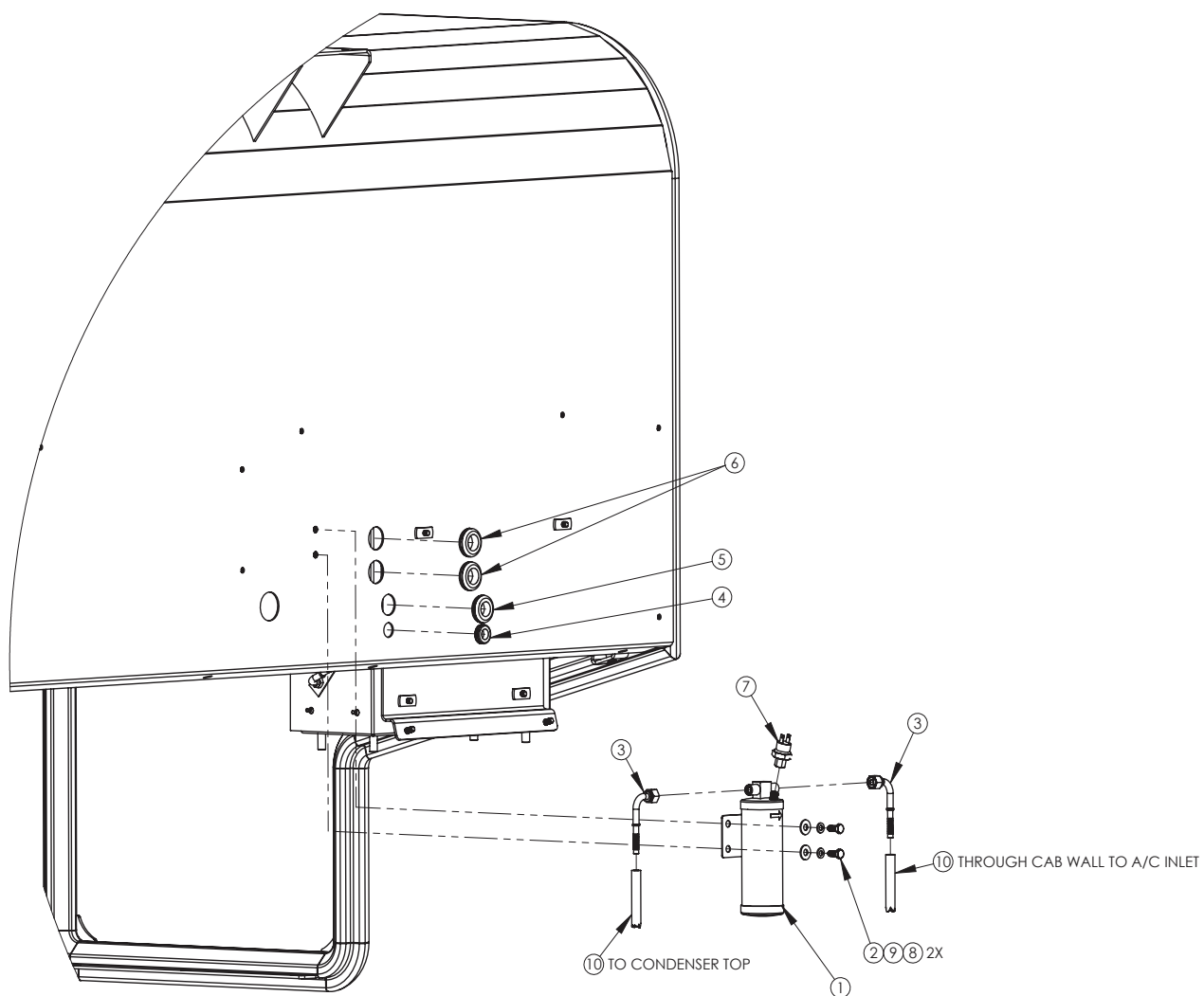


AIR CONDITIONING LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	550204	BRKT: A/C MOUNT
2	1	550269	HOSE: 3"ID X 2.5"L
3	1	550514	SHIELD: AC HOSE
4	1	P001632	AIR COND: EAGLE EE201-1-12
5*	1	P001635	CABARE PRESSURIZER * FILTER P/N BELOW
6	1	P001636	AIR COND: DEF LOUVER
7	11	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
8	6	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
9	2	P128712	CLAMP: HOSE, SIZE 12
10	2	P128748	CLAMP: HOSE, SIZE 48
11	2	P158010	NUT: HEX, #10-32 NYLOCK SS
12	1	P262112	FITTING: A/C #10 90 DEG MAL
13	1	P262141	FITTING: A/C #6 90 DEG MAL
14	2	P269455	HOSE: HEATER 5/8" 90° END
15	1	P296600	CABLE GRIP: #1234N1203
16	3	P297625	GROMMET: 5/8 BORE
17	1	P297688	GROMMET, .88ID X 1.25HD X .13T
18	2	P297800	GROMMET, 1.0ID X 1.38HD X .13T
19	7	P850105	WASHER: FLAT 5/16" ZP
20	11	P851105	WASHER: LOCK 5/16"
21	1	R99000310	FOAM: TUBE INSULATION .63 ID
22	1	R99000709	HOSE: A/C #10 BULK
23	1	R99000710	HOSE: A/C #6 BULK

* QTY 1 71.P371391 CAB AIR PRESSURE FILTER*
 71.P001638 REPLACEMENT COVER

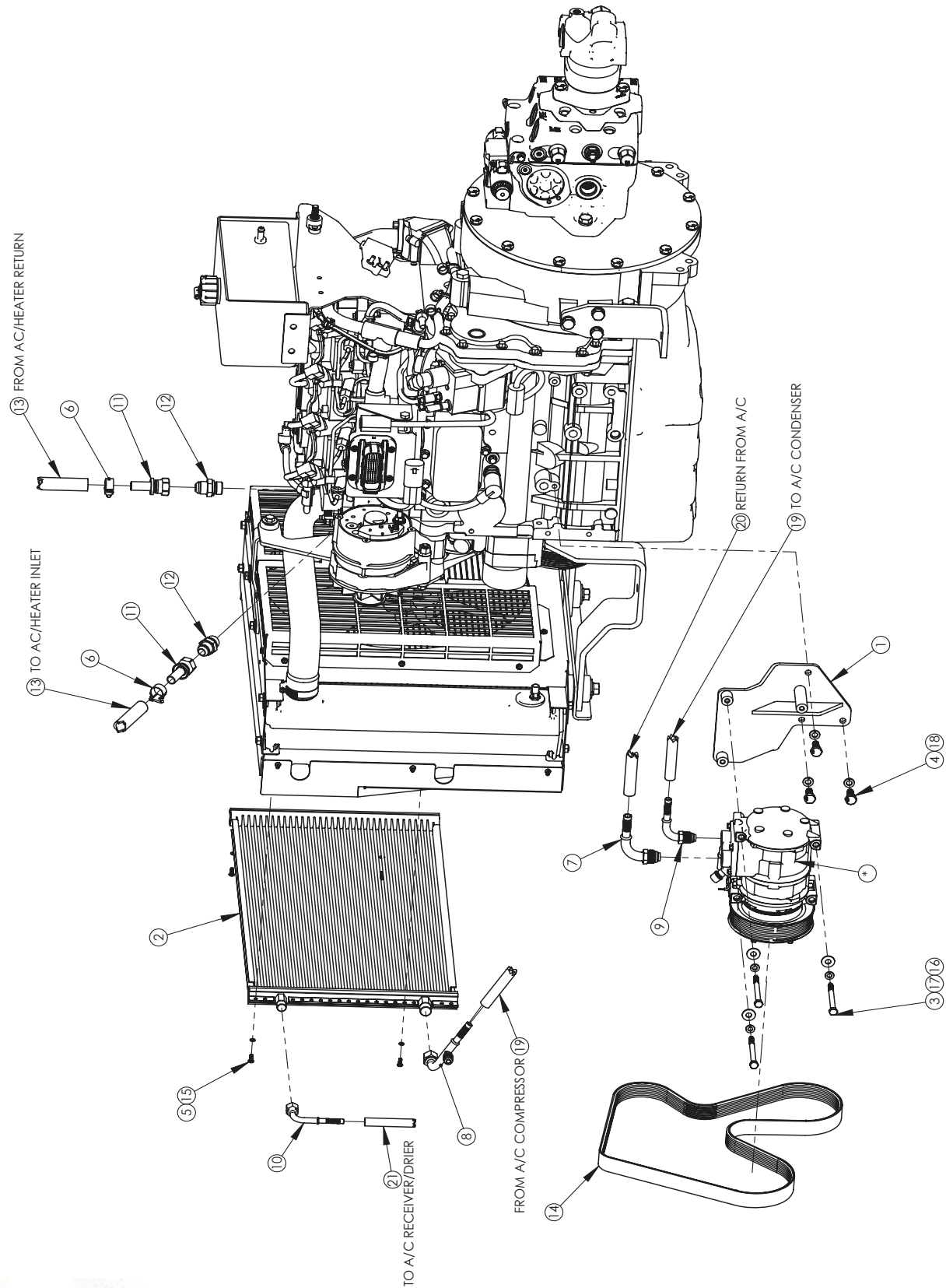
AIR CONDITIONING SCHEMATIC



AIR CONDITIONING LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	P001634	AIR COND: EAGLE REC/DRYER (5500)
2	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
3	2	P262142	FITTING: A/C #6 90 DEG FEM
4	1	P297625	GROMMET: 5/8 BORE
5	1	P297688	GROMMET, .88ID X 1.25HD X .13T
6	2	P297800	GROMMET, 1.0ID X 1.38HD X .13T
7	1	P298105	SWITCH: A/C BINARY PRESSURE
8	2	P850105	WASHER: FLAT 5/16" ZP
9	2	P851105	WASHER: LOCK 5/16"
10	2	R99000710	HOSE: A/C #6 BULK

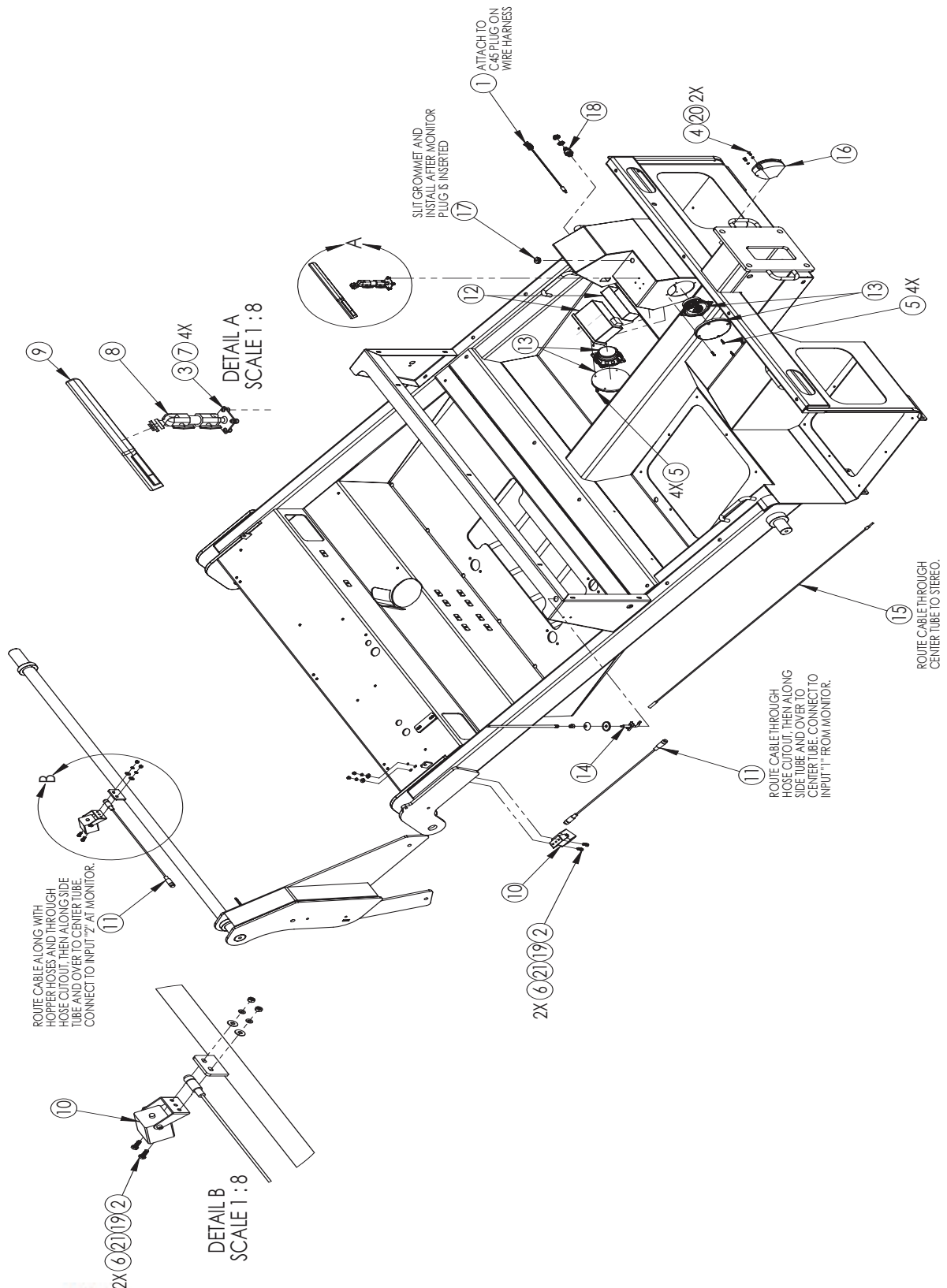
AIR CONDITIONING SCHEMATIC



AIR CONDITIONING LEGEND

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	550520 *	BRKT: COMPRESSOR DEUTZ
2	1	P001633 *	CONDENSER: A/C EAGLE
3	3	P100514 *	BOLT: HEX, 5/16" NC X 3-1/2" GR5 ZN
4	3	P103841 *	BOLT: METRIC, M10-1.25 X 25
5	4	P106102 *	SCREW: BHSCS 10-32 X1/2 SS
6	2	P128712	CLAMP: HOSE, SIZE 12
7	1	P262112	FITTING: A/C #10 90 DEG MAL
8	1	P262120	FITTING: A/C #8 90 DEG FEM W/TP
9	1	P262121	FITTING: A/C #8 90 DEG MAL
10	1	P262142	FITTING: A/C #6 90 DEG FEM
11	2	P267028	FITTING: 10FJX 10 HOSE BARB
12	2	P267029	FITTING: M22MB 10MJ
13	2	P269455	HOSE: HEATER 5/8" 90° END
14	1	P371628 *	BELT: SERPENTINE DEUTZ 2.9T W/AC
15	4	P851103 *	WASHER: LOCK 3/16" GALV
16	3	P850105 *	WASHER: FLAT GALV-5/16"
17	3	P851105 *	WASHER: LOCK 5/16" GALV
18	3	P851106 *	WASHER: LOCK 3/8" GALV
19	2	R99000708	HOSE: A/C #8 BULK
20	1	R99000709	HOSE: A/C #10 BULK
21	1	R99000710	HOSE: A/C #6 BULK

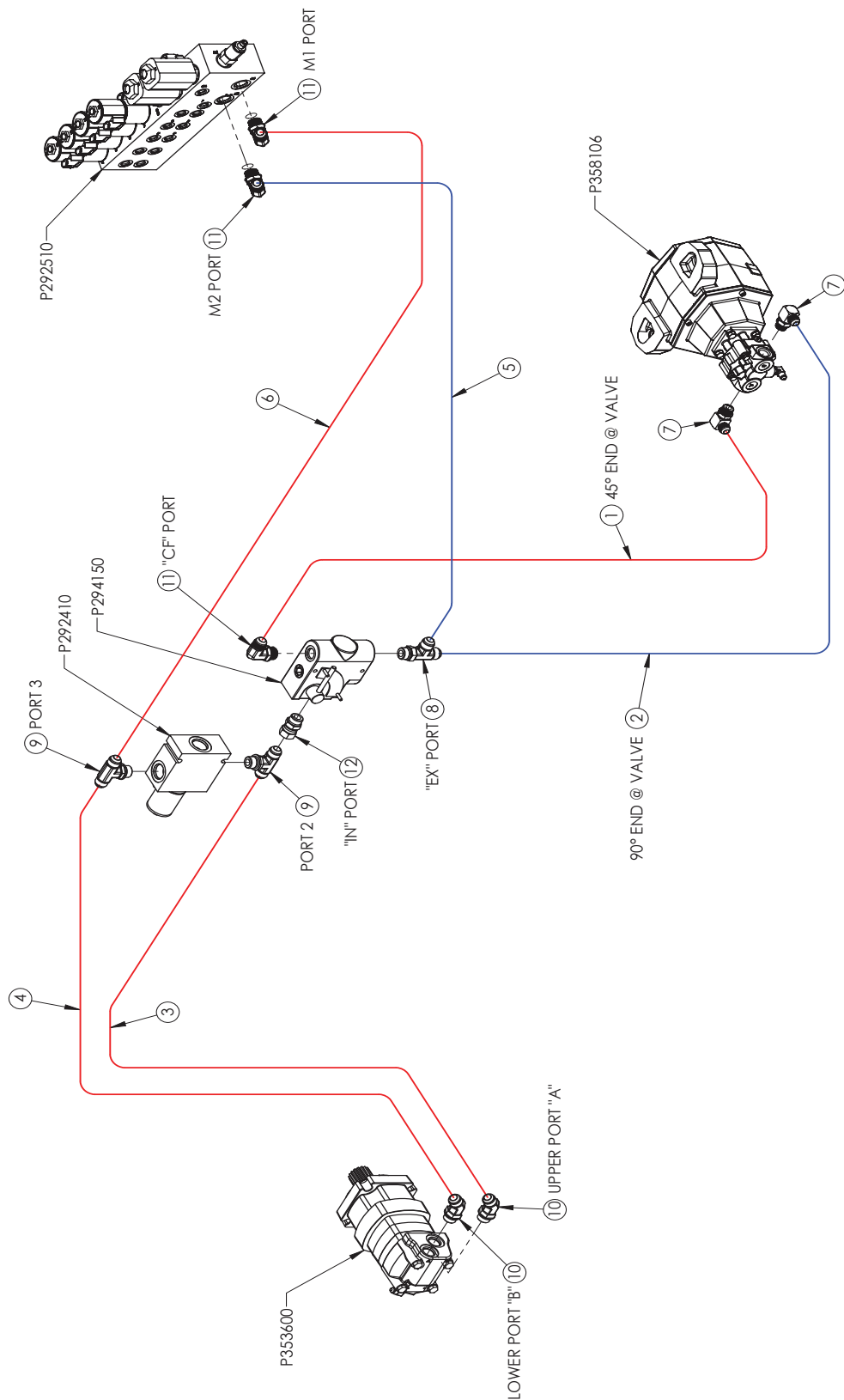
CAMERA, HORN & RADIO SYSTEM SCHEMATIC



CAMERA, HORN & RADIO SYSTEM LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	550278	CABLE: VIDEO POWER LEAD
2	5	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
3	4	P106102	SCREW: BUTTON HD SKT 10-32 X1/2 SS
4	2	P106105	SCREW: BHSCS 10-32 X 5/8 SS
5	8	P111106	SCREW: MACHINE #8-32 X 3/4" PHP
6	4	P150400	NUT: HEX, 1/4" PLATED
7	4	P158010	NUT: HEX, #10-32 NYLOCK SS
8	1	P296876	BASE: PANA VISE MOUNT
9	1	P296887	MONITOR: 9" CE, COLOR
10	2	P296888	CAMERA: DAKOTA MICRO
11	2	P296889	CABLE: VIDEO 20 FOOT
12	1	P296890	STEREO: AM-FM
13	2	P296891	SPEAKER: BOSS CH4230
14	1	P296892	ANTENNA: AMPLIFIED RUBBER
15	1	P296893	CABLE: ANTENNA EXT
16	1	P296894	HORN: COMPACT ELECTRIC
17	1	P297628	GROMMET: .28ID X .88HD X .13T
18	1	P298171	SWITCH: PUSH BUTTON MOMENTARY
19	4	P850104	WASHER: FLAT 1/4" ZP
20	2	P851103	WASHER: LOCK 3/16"
21	4	P851104	WASHER: LOCK 1/4"

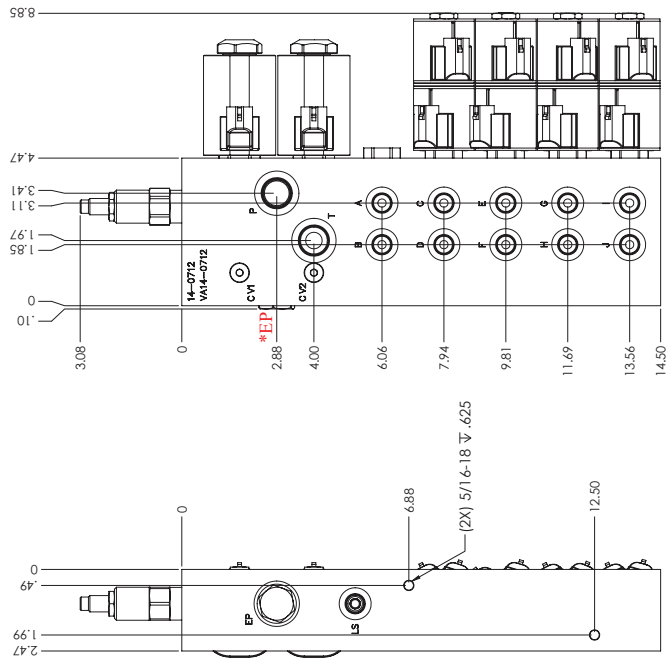
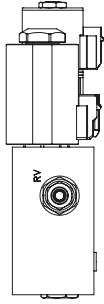
CONVEYOR, VIBRATORY CIRCUIT SCHEMATIC



CONVEYOR, VIBRATORY CIRCUIT LEGEND

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

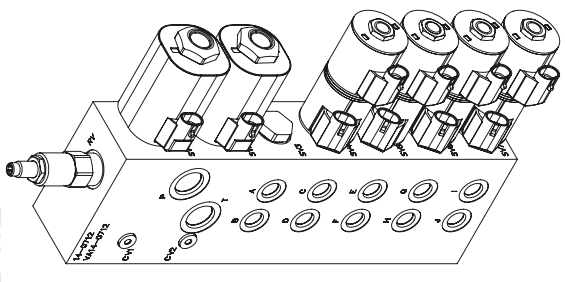
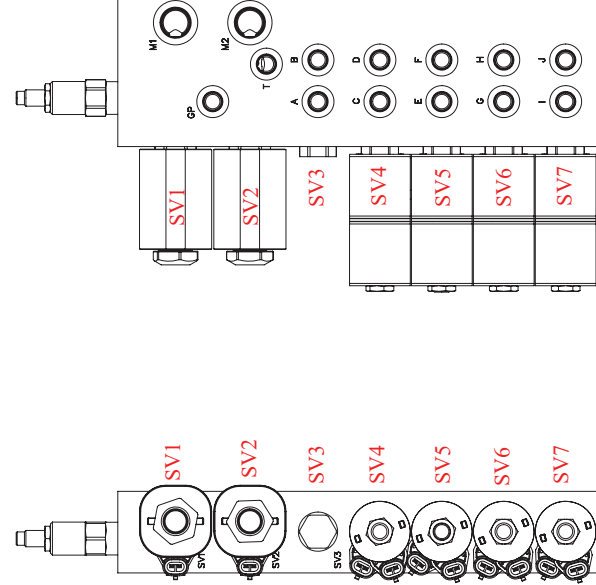
1. PORT SIZES:
SAE #06, 9/16-18 THREAD: GP, LS, T, A-J
SAE #10, 7/8-14 THREAD: P, T, M1, M2
2. BODY MATERIAL: 6061-T6 ALUMINUM, GOLD ANODIZE

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

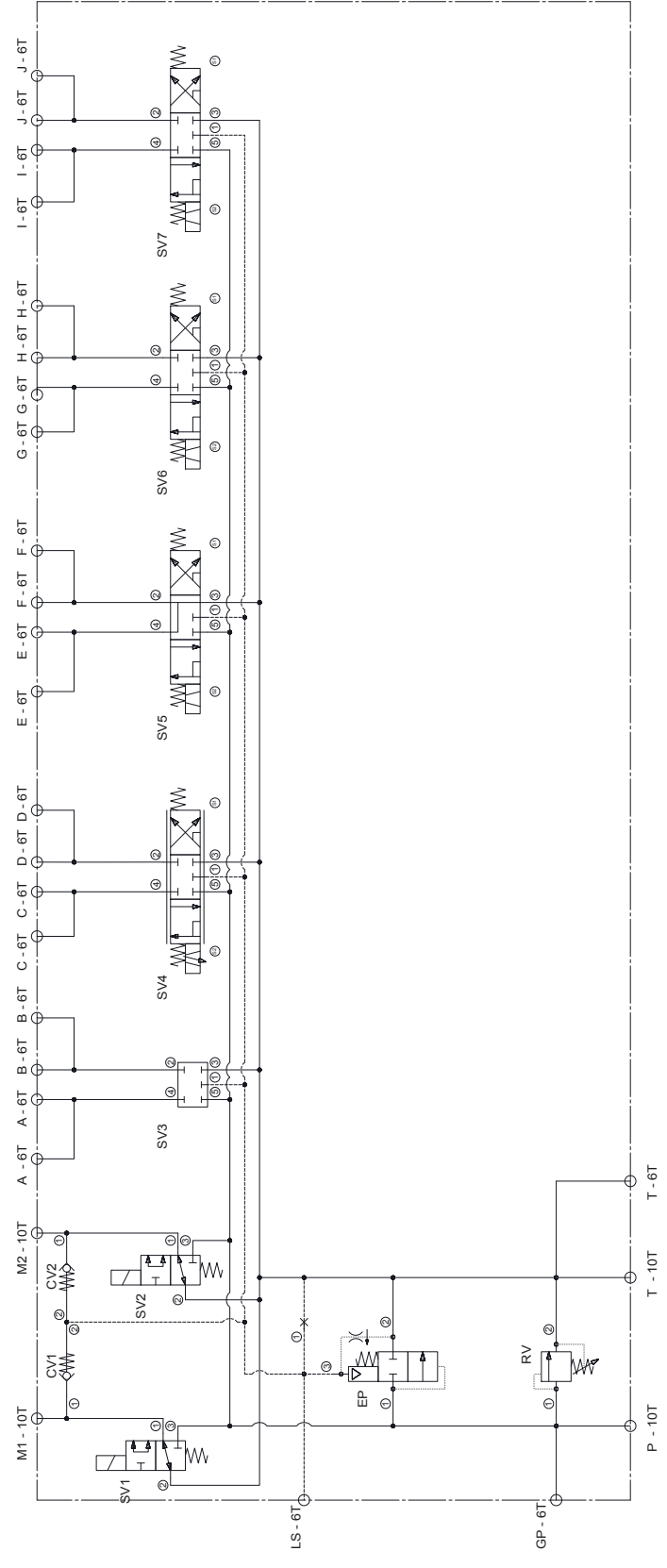
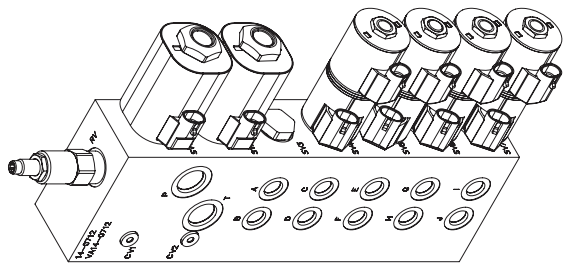
RV (relief valve)
EP (EP valve)
GP (gauge port)

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

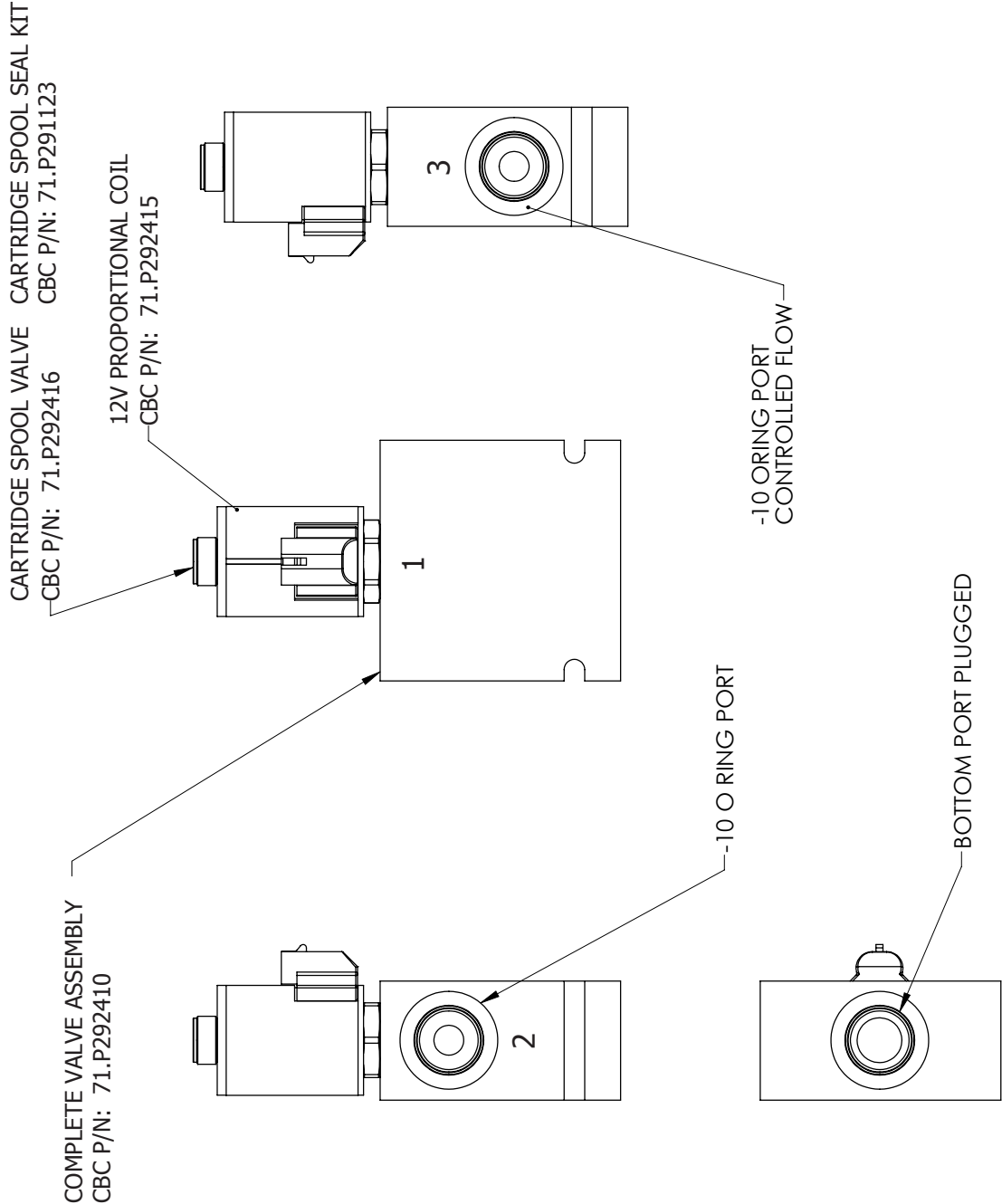


WORK SECTION LOCATION FUNCTION:

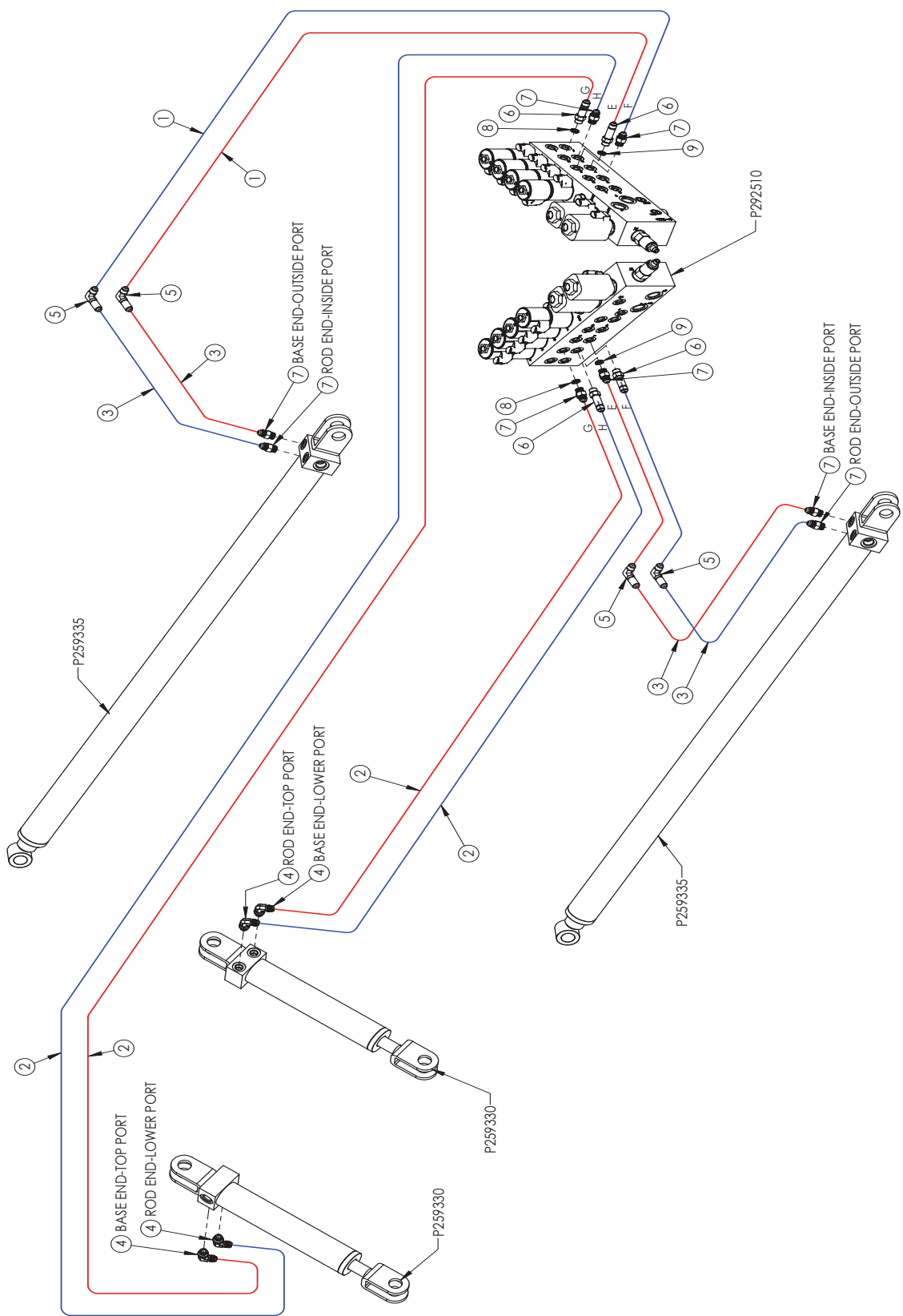
SV1	CONVEYOR FORWARD	SV4	DIGGER POINT LIFT / LOWER	TOP COIL: LOWER	BOTTOM COIL: LIFT
SV2	CONVEYOR REVERSE	SV5	HOPPER BOOM LIFT / LOWER	TOP COIL: LOWER	BOTTOM COIL: LIFT
SV3	NOT USED	SV6	HOPPER DOOR OPEN / CLOSE	TOP COIL: CLOSE	BOTTOM COIL: OPEN
SV4	CONVEYOR FORWARD	SV7	GROOMER LIFT / LOWER	TOP COIL: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



71.P292410 CONVEYOR SPEED PROPORTIONAL VALVE ASSEMBLY



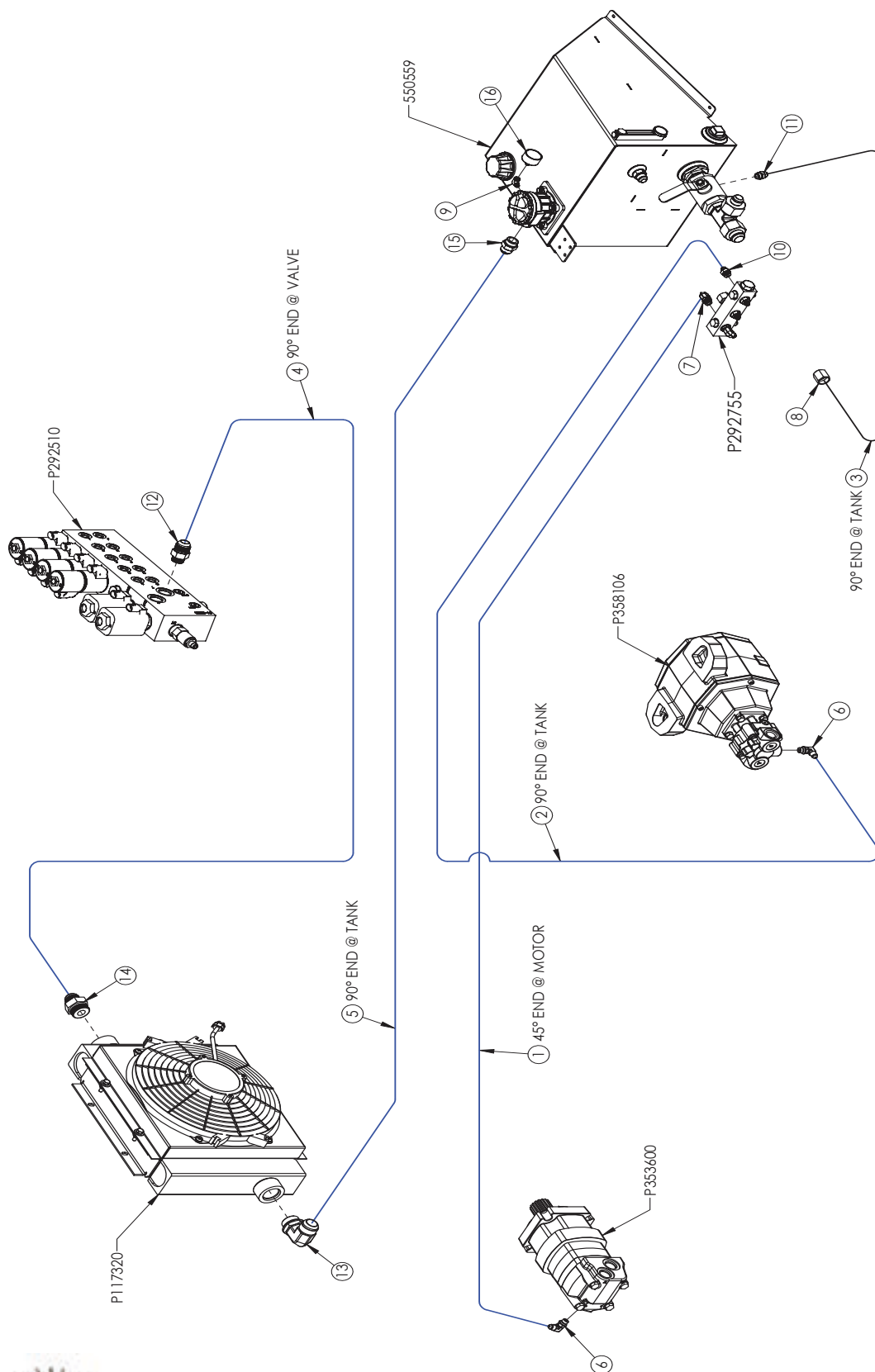
HIGH LIFT CIRCUIT SCHEMATIC



HIGH LIFT CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	4	P233083	HOSE: AM -6 X 83" 6FJX 6FJX90
2	4	P233188	HOSE: AM -6 X 188" 6FJX 6FJX90
3	4	P233918	HOSE: AM -6 X 18" 6FJX 6FJX90
4	4	P261350	FITTING: 6MJ 6MB90
5	4	P265410	FITTING: BULKHEAD 6MJ 6MJ90
6	4	P276100	FITTING: 6MJ 6MB LONG
7	10	P276101	ADAPTER 6MB-6MJ
8	2	P276107	FITTING: 6MB ORIFICE DISC .0625 DIA
9	2	P276108	FITTING: 6MB ORIFICE DISC .110 DIA

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	P232139	HOSE: AM -4 X 139" 4FJX45 6FJX
2	1	P232142	HOSE: AM -4 X 142" 4FJX 6FJX90
3	1	P234940	HOSE: AM -8 X 40" 8MJ 8FJX90
4	1	P236026	HOSE: AM-12 X 26" 12FJX 12FJX90
5	1	P238974	HOSE: AM-16 X 74" 16FJX 16FJX90
6	2	P261400	FITTING: 4MJ 4MB90
7	1	P261530	FITTING: 6MJ 8MB90
8	1	P267105	FITTING: 8FJ CAP, ONE PIECE
9	1	P267171	FITTING: 2MP 2FP90
10	1	P276110	FITTING: 6MJ 8MB
11	1	P276310	FITTING: 8MJ 8MB
12	1	P276440	FITTING: 12MJ 10MB
13	1	P276700	FITTING: 16MJ 16MB90
14	1	P277100	ADAPTER 16MB-12MJ
15	1	P277110	FITTING: 16MJ 16MB
16	1	P297170	GAUGE, IND LP C1-20

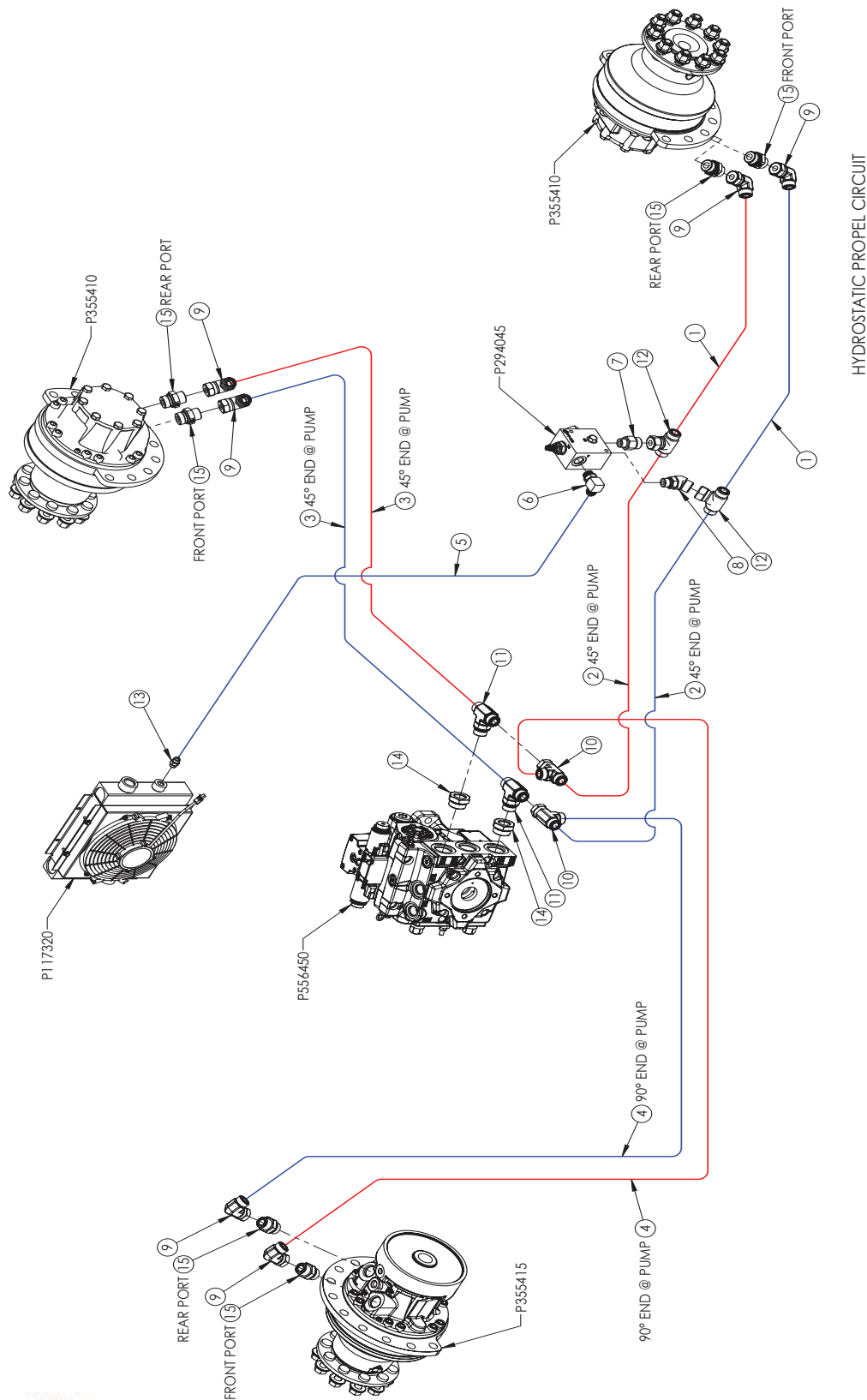


55EBF601

DEPTH AND GROOMER CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	P232133	HOSE: AM -4 X 133" 4FJX 6FJX90
2	4	P233101	HOSE: AM -6 X 101" 6FJX 6FJX90
3	4	P233918	HOSE: AM -6 X 18" 6FJX 6FJX90
4	2	P261400	FITTING: 4MJ 4MB90
5	4	P265410	FITTING: 6MJ 6MJ90 BH
6	7	P270906	FITTING: 6MB PLUG
7	3	P276100	FITTING: 6MJ 6MB LONG
8	7	P276101	ADAPTER 6MB-6MJ
9	1	P276107	FITTING: 6MB ORIFICE DISC .0625 DIA
10	2	P276290	FITTING: 6MB DIAG NIPPLE

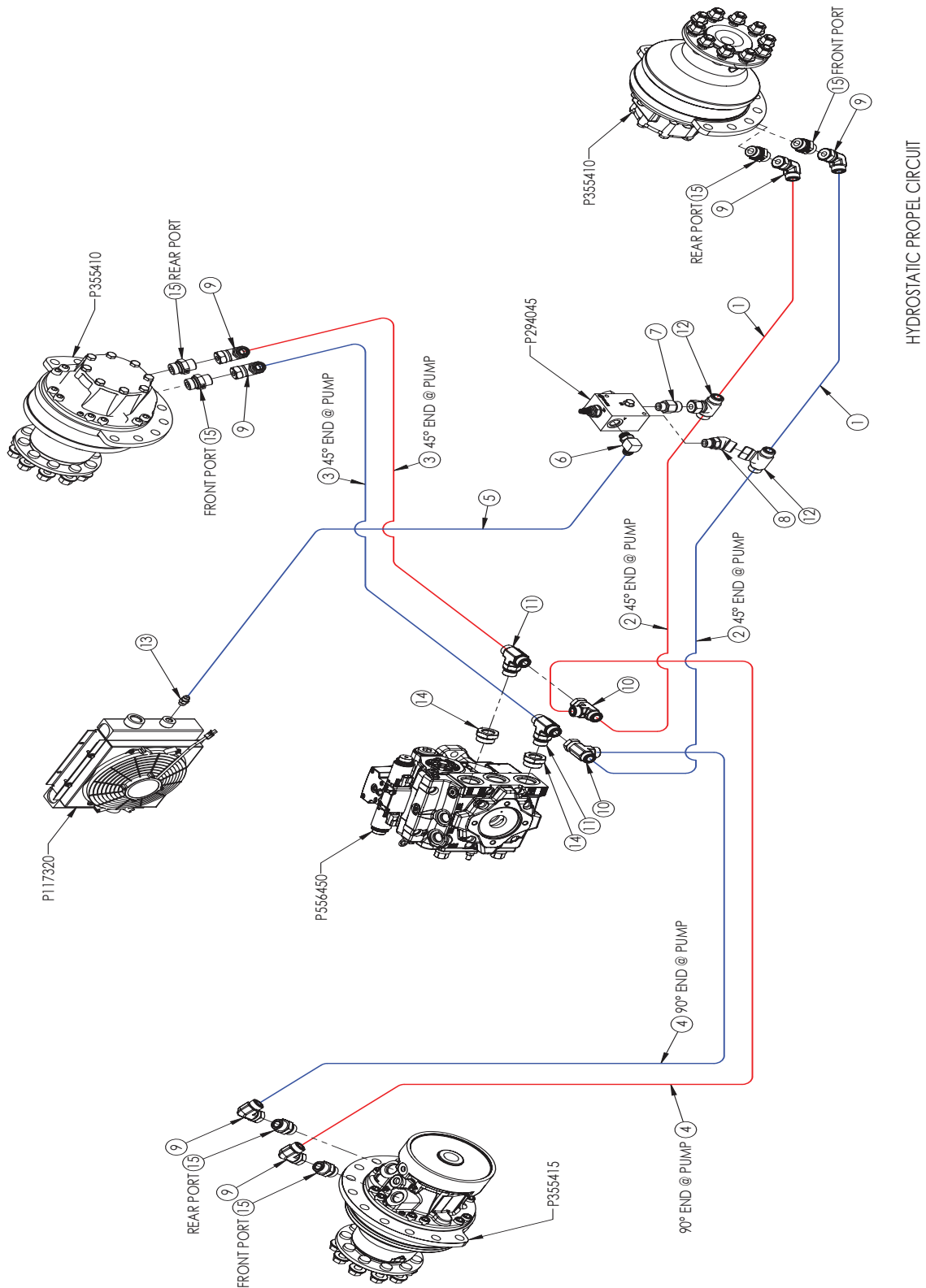
HYDROSTATIC PROPEL CIRCUIT SCHEMATIC



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	P225112	HOSE: 787TC-10 X 112" 10FST 10FS45
3	2	P225142	HOSE: 787TC-10 X 142" 10FST 10FS45
4	2	P225170	HOSE: 787TC-10 X 170" 10FST 10FS90
5	1	P234145	HOSE: AM-8 X 145" 8FJX 8FJX
6	1	P261010	FITTING: 8MJ 8MB90
7	1	P276223	FITTING: 10MFF 8MB
8	1	P276224	FITTING: 10MFF 8MB45
9	6	P276230	FITTING: 10MFF 10FFF90
10	2	P276240	FITTING: 10MFF 10FFF 10MFF
11	2	P276241	FITTING: 10MFF 10MFF 10MOR
12	2	P276242	FITTING: 10MFF 10MFF 10FFF
13	1	P276310	FITTING: 8MJ 8MB
14	2	P277090	FITTING: 10FB 16MB
15	6	P277860	FITTING: 10MFF 12BSPP ORB

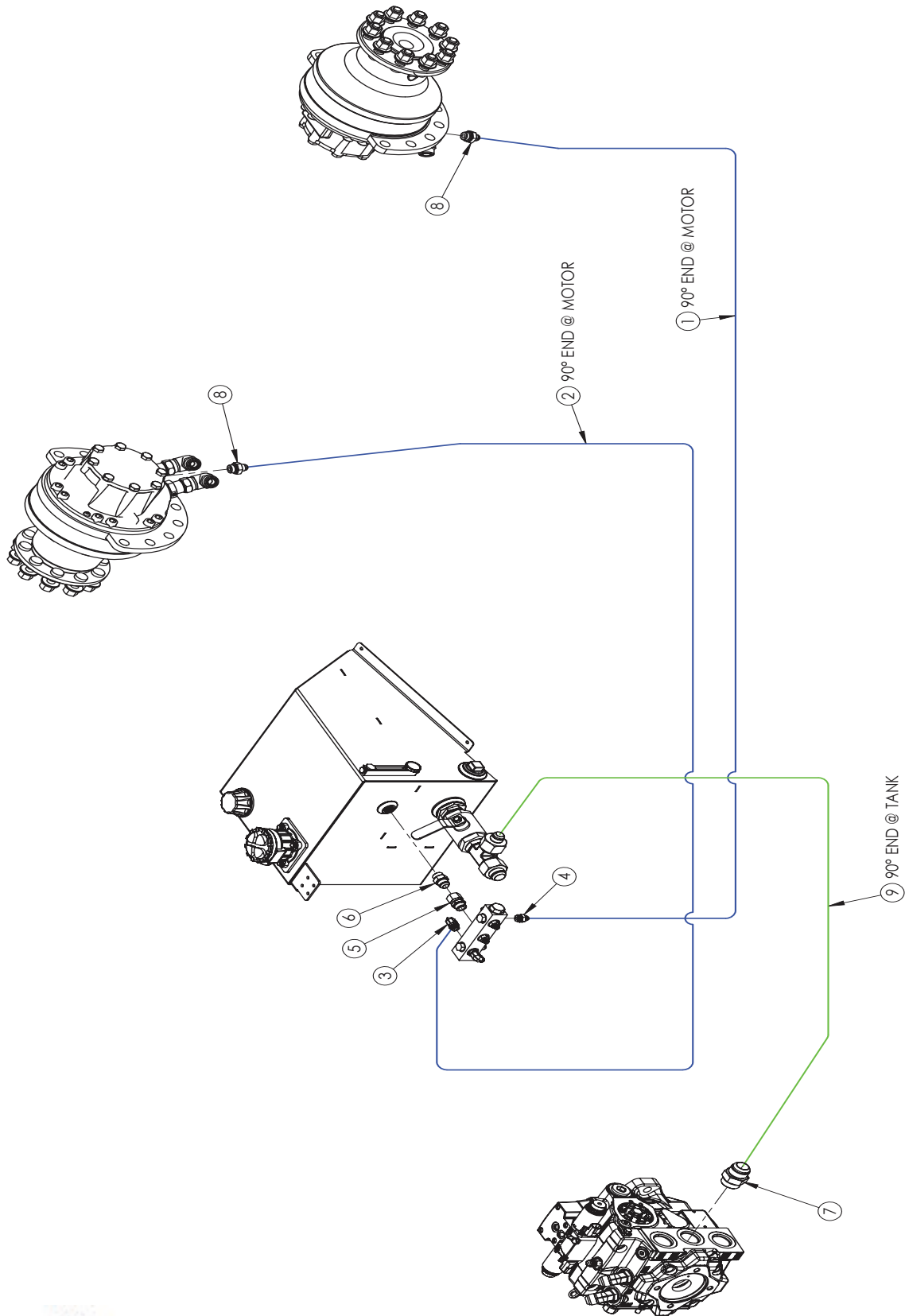
CHARGE/BRAKE AND CASE DRAIN CIRCUIT SCHEMATIC



CHARGE/BRAKE AND CASE DRAIN CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	P232926	HOSE: AM -4 X 26" 6FJX 6FJX90
2	2	P233148	HOSE: AM -6 X 148" 6FJX 6FJX45
3	1	P233934	HOSE: AM -6 X 34" 6FJX 6FJX90
4	1	P234028	HOSE: AM -8 X 28" 8FJX 8FJX45
5	2	P235024	HOSE: AM -10 X 24" 10FJX 10FJX
6	1	P261528	FITTING: 6MJ 6FJX90
7	1	P265500	FITTING: 6MJ 6MJ 6MB
8	3	P276101	ADAPTER 6MB-6MJ
9	1	P276110	FITTING: 6MJ 8MB
10	2	P276201	FITTING: 10MJ 10MB45
11	1	P276310	FITTING: 8MJ 8MB
12	1	P276456	FITTING: 8MJ 12MB
13	2	P276505	FITTING: 10MJ 12MB 90 ELBOW
14	1	P277820	FITTING: 6MJ 4BSPP90 ORB
15	1	P277830	FITTING: 6MJ 6BSPP ORB

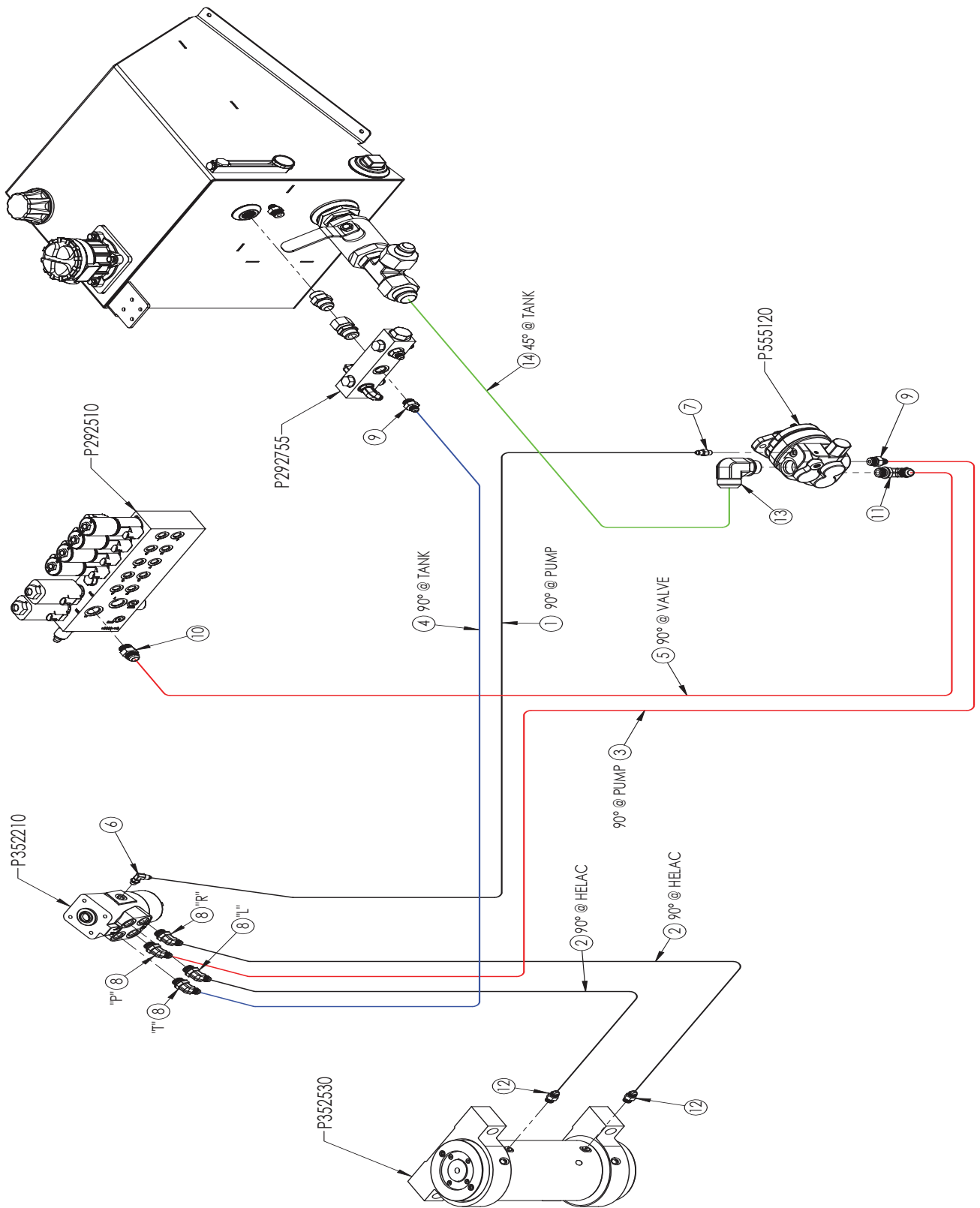
SUCTION AND CASE DRAIN SCHEMATIC



SUCTION AND CASE DRAIN SCHEMATIC

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	P233105	HOSE: AM -6 X 105" 6FJX 6FJX90
2	1	P233143	HOSE: AM -6 X 143" 6FJX 6FJX90
3	1	P261530	FITTING: 6MJ 8MB90
4	1	P276110	FITTING: 6MJ 8MB
5	1	P276446	FITTING: 12MB 12FJX
6	1	P276450	FITTING: 12MJ 12MB
7	1	P277110	FITTING: 16MJ 16MB
8	2	P277830	FITTING: 6MJ 6BSPP ORB
9	1	P288033	HOSE: C416 X 33" 16FJX 16FJX90

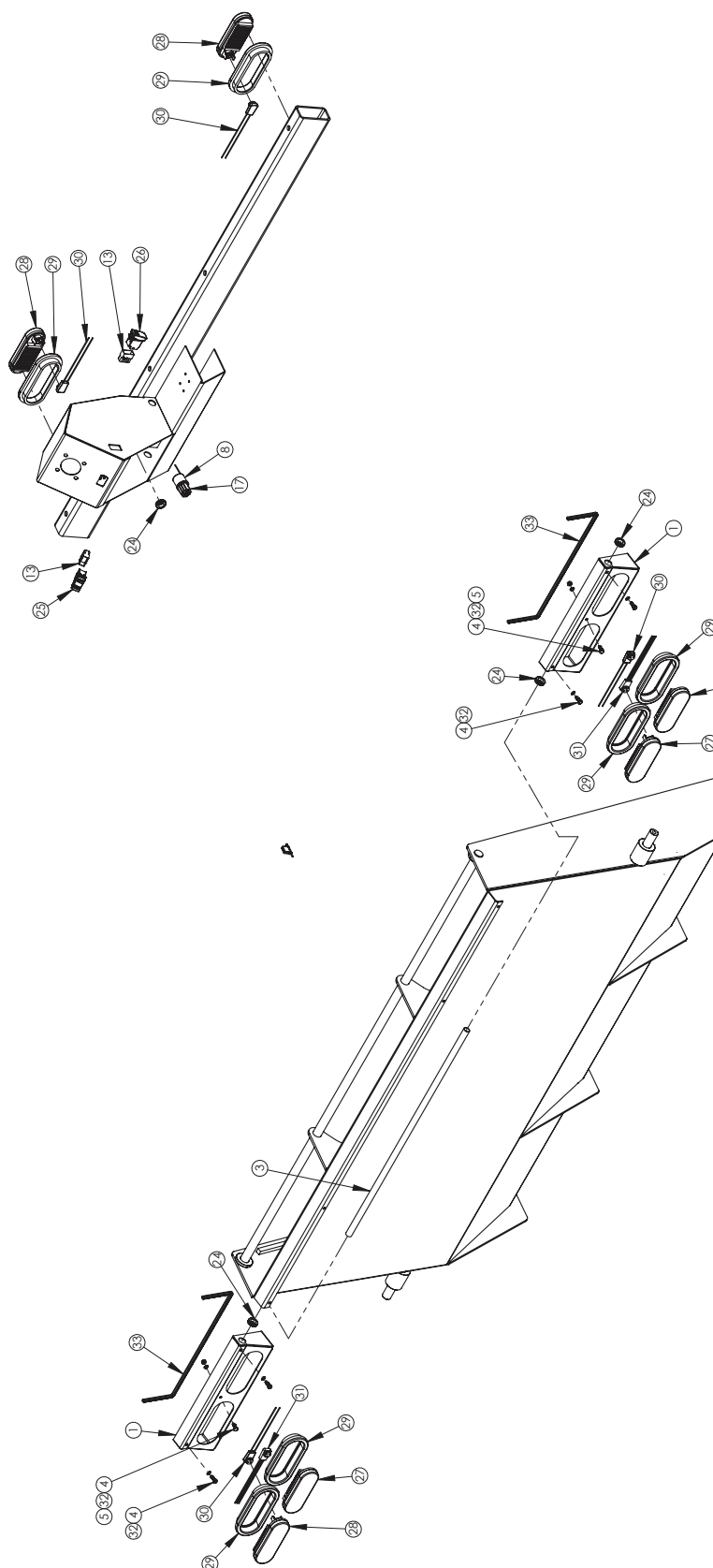
AUXILIARY PUMP AND STEERING CIRCUIT SCHEMATIC



AUXILIARY PUMP AND STEERING CIRCUIT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	P232115	HOSE: AM -4 X 115" 4FJX 4FJX90
2	2	P233069	HOSE: AM -6 X 69" 6FJX 6FJX90
3	1	P233113	HOSE: AM-6 X 113" 6FJX 6FJX90
4	1	P233130	HOSE: AM-6 X 130" 6FJX 6FJX90
5	1	P235957	HOSE: AM -10 X 57" 10FJX 10FJX90
6	1	P261400	FITTING: 4MJ 4MB90
7	1	P261450	FITTING: 4MJ 4MB
8	4	P261535	FITTING: 6MJ 8MB45
9	2	P276110	FITTING: 6MJ 8MB
10	1	P276200	FITTING: 10MJ 10MB
11	1	P276202	FITTING: 10MJ 10MB90
12	2	P276406	FITTING: 6MJ 4MB
13	1	P277155	FITTING: 20MJ 16MB90
14	1	P289035	HOSE: C420 X 35" 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 MC24 controller, showing connections for the Left Rear Light Group, Right Rear Light Group, Left Front Hazard, Right Front Hazard, and the MC24 Controller C2-P10. The diagram includes a battery junction, ground points, and various wire colors and plug types.

Left Rear Light Group: Shows connections for Amber Light/Red Wire Plug "A", Red Light/Red Wire Plug "C", Red Light/Black Wire Plug "B", and Green Plug "A". Wires are color-coded: White, Yellow, Brown, Blue, and Green. Ground points are marked with "GND".

Right Rear Light Group: Shows connections for Amber Light/Red Wire Plug "A", Red Light/Red Wire Plug "C", Red Light/Black Wire Plug "B", and Green Plug "A". Wires are color-coded: White, Yellow, Brown, Blue, and Green. Ground points are marked with "GND".

Left Front Hazard: Shows connections for Red Wire Plug "A", White Wire Plug "B", and Green Plug "A". Wires are color-coded: White, Yellow, Brown, Blue, and Green. Ground points are marked with "GND".

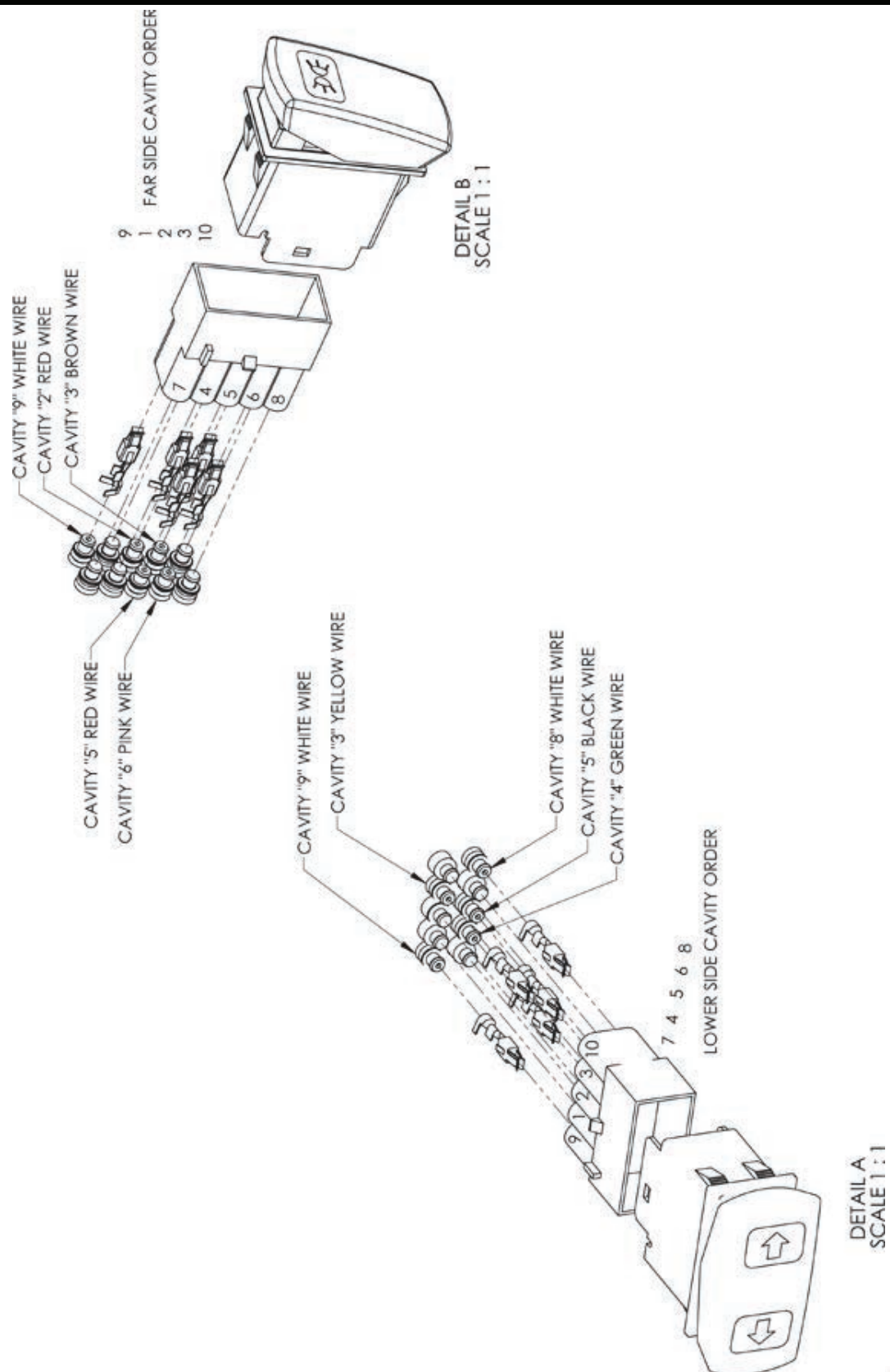
Right Front Hazard: Shows connections for Red Wire Plug "A", White Wire Plug "B", and Green Plug "A". Wires are color-coded: White, Yellow, Brown, Blue, and Green. Ground points are marked with "GND".

MC24 Controller C2-P10: Shows connections for the controller, including a battery junction, ground points, and various wire colors and plug types. Wires are color-coded: White, Yellow, Brown, Blue, and Green. Ground points are marked with "GND".

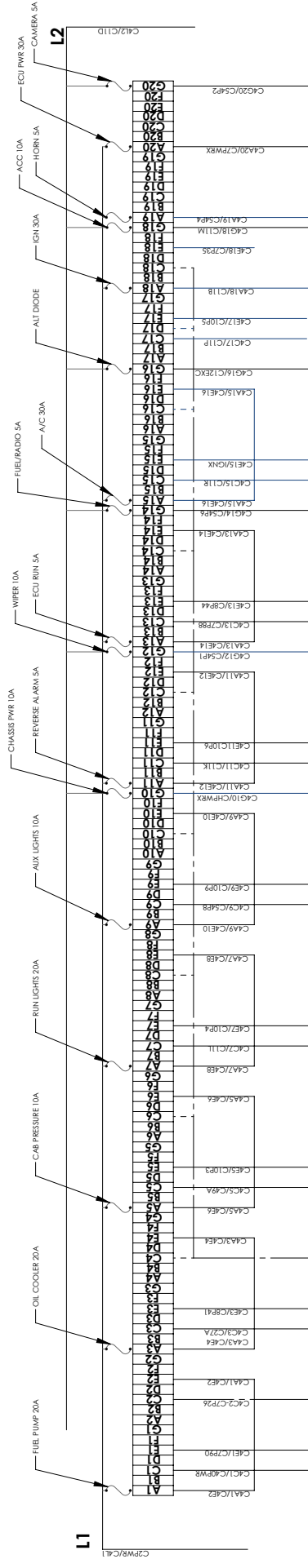
Wiring Details:

- Left Rear Light Group:**
 - Amber Light/Red Wire Plug "A" (White, Yellow, Brown, Blue, Green)
 - Red Light/Red Wire Plug "C" (White, Yellow, Brown, Blue, Green)
 - Red Light/Black Wire Plug "B" (White, Yellow, Brown, Blue, Green)
 - Green Plug "A" (White, Yellow, Brown, Blue, Green)
- Right Rear Light Group:**
 - Amber Light/Red Wire Plug "A" (White, Yellow, Brown, Blue, Green)
 - Red Light/Red Wire Plug "C" (White, Yellow, Brown, Blue, Green)
 - Red Light/Black Wire Plug "B" (White, Yellow, Brown, Blue, Green)
 - Green Plug "A" (White, Yellow, Brown, Blue, Green)
- Left Front Hazard:**
 - Red Wire Plug "A" (White, Yellow, Brown, Blue, Green)
 - White Wire Plug "B" (White, Yellow, Brown, Blue, Green)
 - Green Plug "A" (White, Yellow, Brown, Blue, Green)
- Right Front Hazard:**
 - Red Wire Plug "A" (White, Yellow, Brown, Blue, Green)
 - White Wire Plug "B" (White, Yellow, Brown, Blue, Green)
 - Green Plug "A" (White, Yellow, Brown, Blue, Green)
- MC24 Controller C2-P10:**
 - Battery Junction (White, Yellow, Brown, Blue, Green)
 - Ground Points (White, Yellow, Brown, Blue, Green)
 - Wires (White, Yellow, Brown, Blue, Green)

HAZARD LIGHT SWITCH WIRING SCHEMATIC

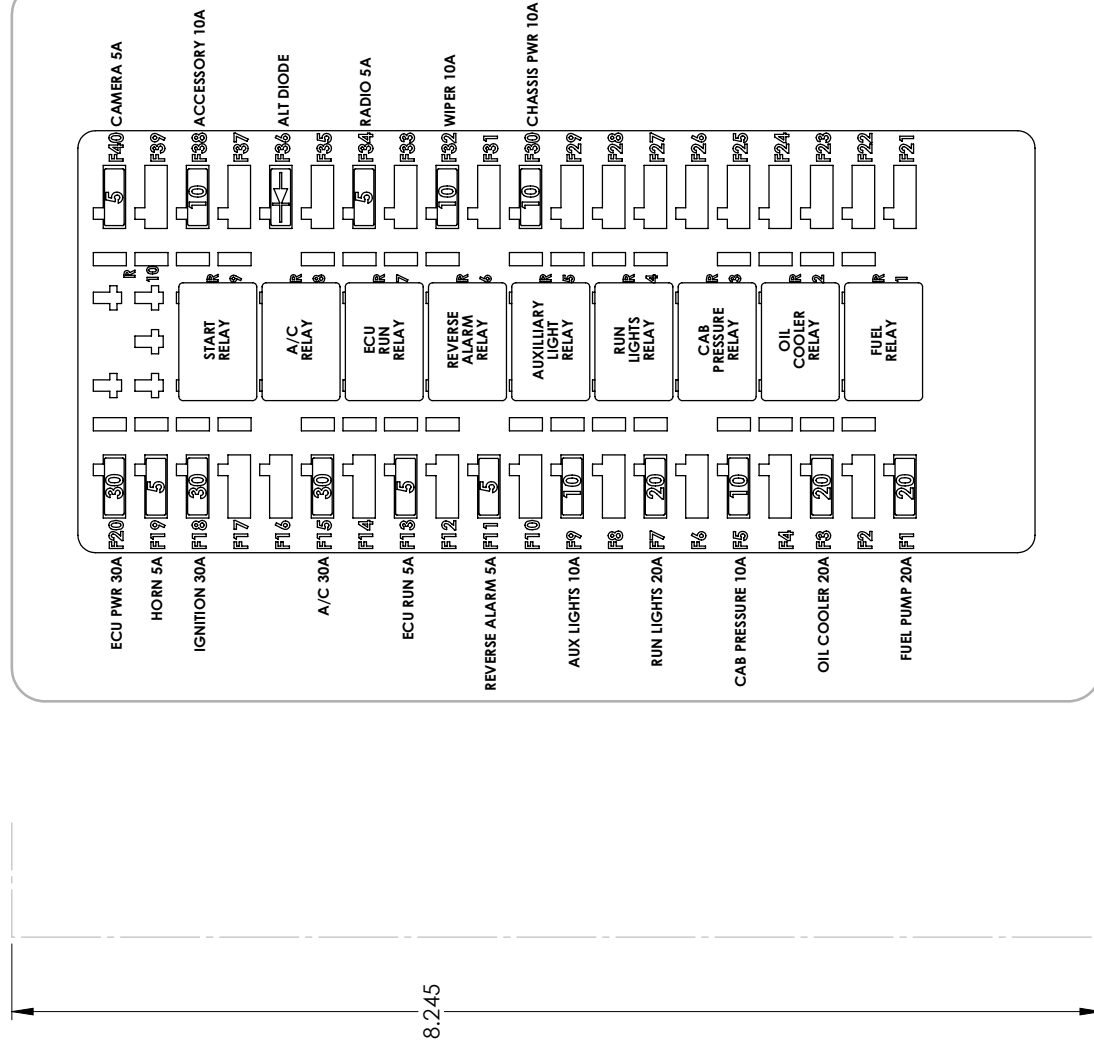


C4 PDM MODULE SCHEMATIC



—C4, C6, C8, C10, C12, C14, C16, D17, AND C18 GROUND WIRES

				P.O. BOX 2135 JAMESTOWN, ND 58402			
DRAWN BY		B/JC		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS CERTIFICATE OF CHERRINGTON, ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON, IS PROHIBITED.		UNLESS OTHERWISE NOTED TOLERANCES ON DECIMALS FRACTIONS ANGLES .XX±.060 ± 1/32 ± 1° .XXX±.030	
DATE		XX/XX/XX		DO NOT SCALE		PAGE 3 OF 3	
TITLE				HARNESSES: 5500 DEUTZ MAIN		PART NO. 5505070 Part/Mfg X	

PART NO.
ASM, PD

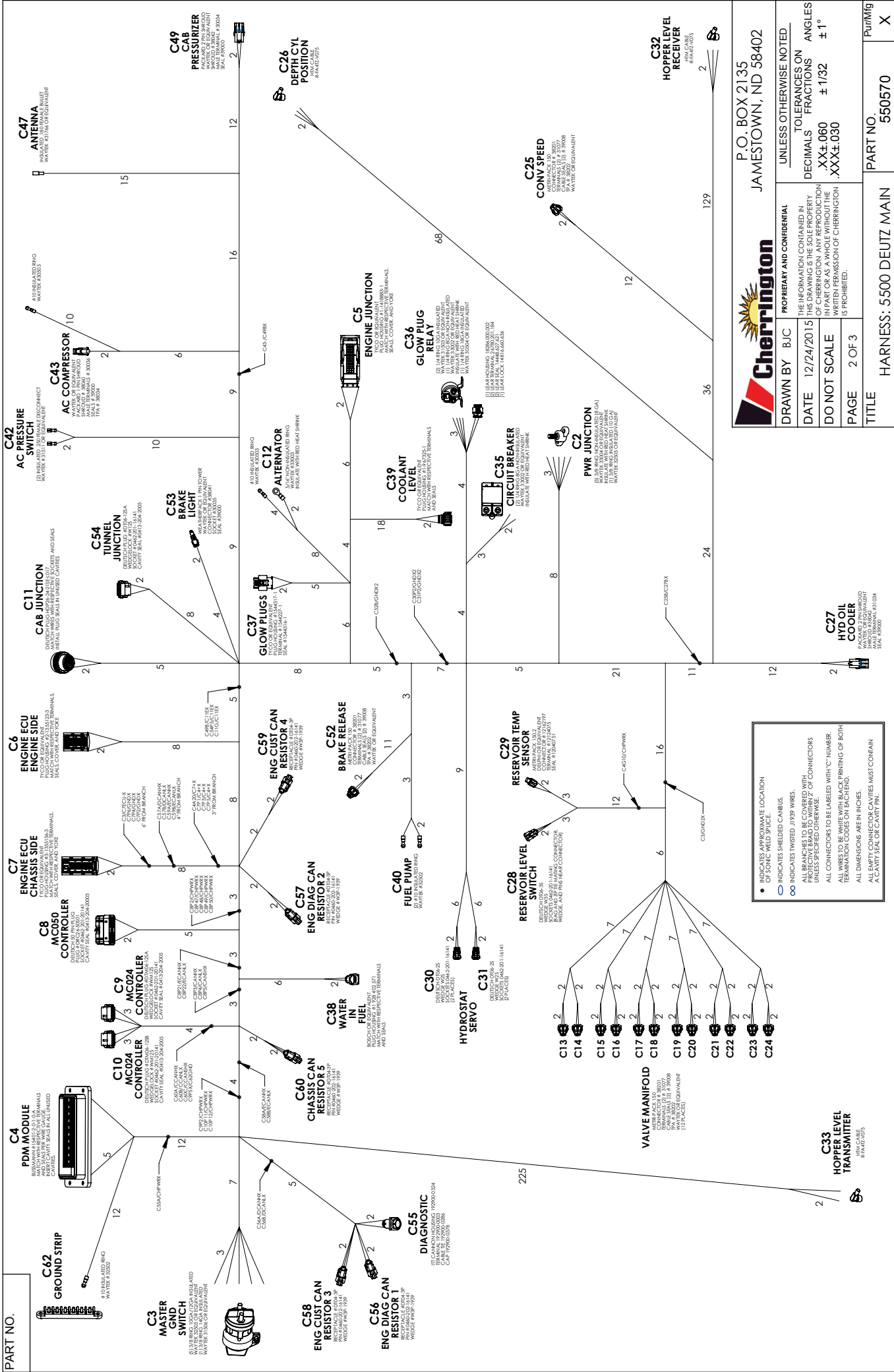
71.P295071 5 AMP FUSE MINI ATM
71.P295072 10 AMP FUSE MINI ATM
71.P295073 20 AMP FUSE MINI ATM
71.P295074 30 AMP FUSE MINI ATM
71.P295075 1 AMP DIODE FUSE MINI ATM

71.P295049 RELAY 12V 35 AMP MICRO



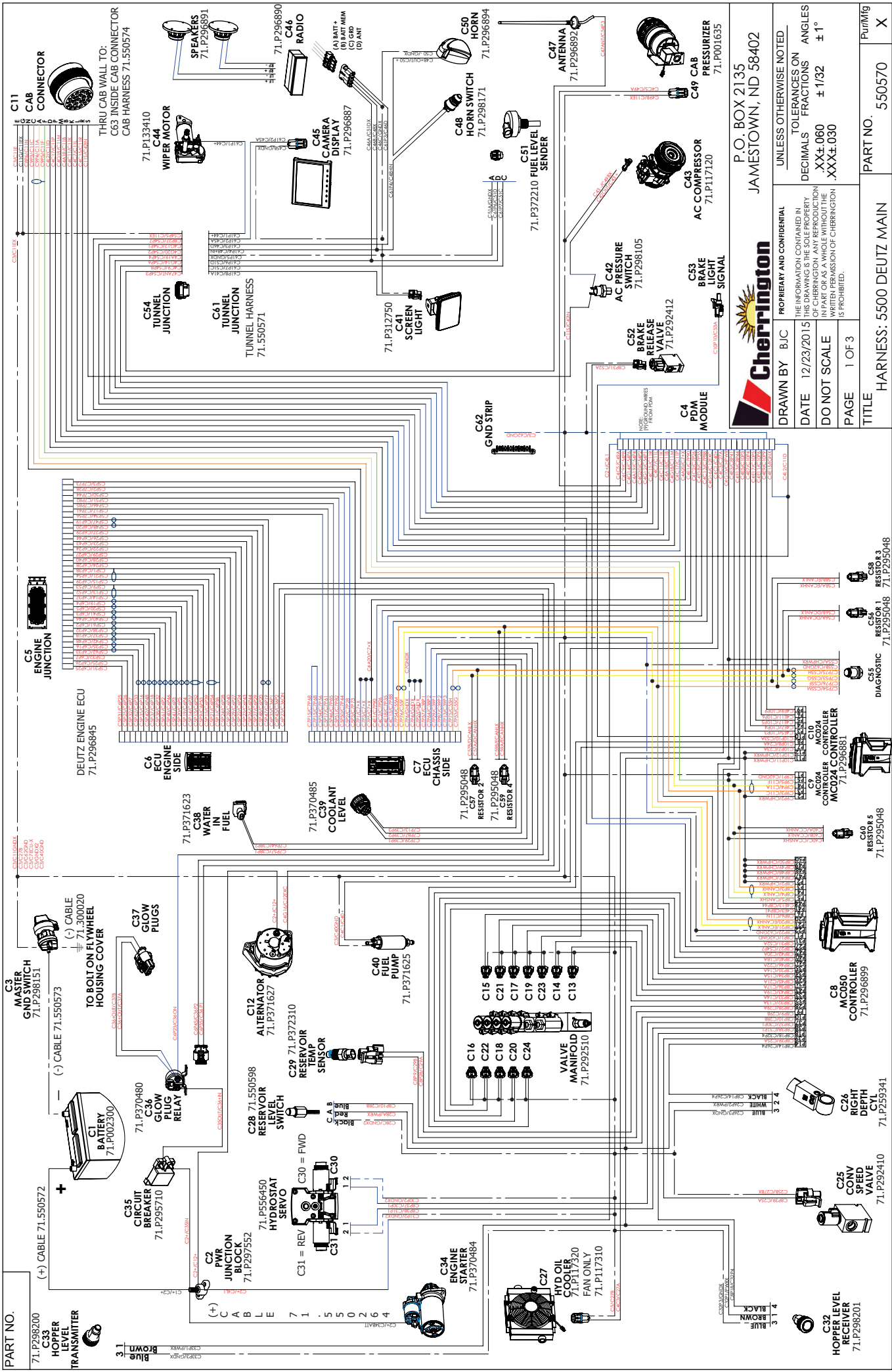
P.O. BOX 2135
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DRAWN BY XXX DATE XX/XX/XX DO NOT SCALE PAGE X OF X	PART NO. ASM, PDM W FUS	Part/Mtg
TITLE		



P.O. BOX 2135
JAMESTOWN, ND 58402

DRAWN BY	B.J.C.	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED
DATE	12/24/2015	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION OR TRANSMISSION OF THIS DRAWING WITHOUT WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	ANGLES
DO NOT SCALE			DECIMALS
PAGE	2 OF 3		FRACTIONS
TITLE	HARNESSES: 5500 DEUTZ MAIN		XXX±.030
PART NO.	550570		± 1°
PURMfg	X		



PART NO.		TITLE		HARNES: 5500 DEUTZ MAIN		PurMtg	
71.P298200	C33	HOPPER LEVEL TRANSMITTER	71.P298200	71.P298200	71.P298200	71.P298200	71.P298200
71.P298151	C34	ENGINE STARTER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C35	MASTER GND SWITCH	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C36	TO BOLT ON FLYWHEEL HOUSING COVER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C37	GLOW PLUGS	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C38	WATER IN FUEL	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C39	COOLANT LEVEL	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C40	FUEL PUMP	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C41	SCREEN LIGHT	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C42	AC PRESSURE SWITCH	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C43	AC COMPRESSOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C44	WIPER MOTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C45	CAMERA DISPLAY	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C46	RADIO	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C47	ANTENNA	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C48	HORN SWITCH	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C49	CAB PRESSURIZER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C50	HORN	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C51	FUEL LEVEL SENDER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C52	BRAKE RELEASE VALVE	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C53	BRAKE LIGHT SIGNAL	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C54	TUNNEL JUNCTION	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C55	DIAGNOSTIC	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C56	SENSOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C57	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C58	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C59	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C60	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C61	TUNNEL JUNCTION	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C62	GND STRIP	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C63	INSIDE CAB CONNECTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C64	WIPER MOTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C65	CAMERA DISPLAY	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C66	RADIO	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C67	ANTENNA	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C68	HORN SWITCH	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C69	CAB PRESSURIZER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C70	AC COMPRESSOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C71	AC PRESSURE SWITCH	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C72	BRAKE RELEASE VALVE	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C73	BRAKE LIGHT SIGNAL	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C74	TUNNEL JUNCTION	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C75	DIAGNOSTIC	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C76	SENSOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C77	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C78	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C79	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C80	RESISTOR	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C81	TUNNEL JUNCTION	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C82	HOPPER LEVEL RECEIVER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C83	CONV SPEED VALVE	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C84	DEPTH CYL	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C85	MC050 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C86	MC024 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
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71.P298151	C95	MC024 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
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71.P298151	C98	MC024 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C99	MC024 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151
71.P298151	C100	MC024 CONTROLLER	71.P298151	71.P298151	71.P298151	71.P298151	71.P298151

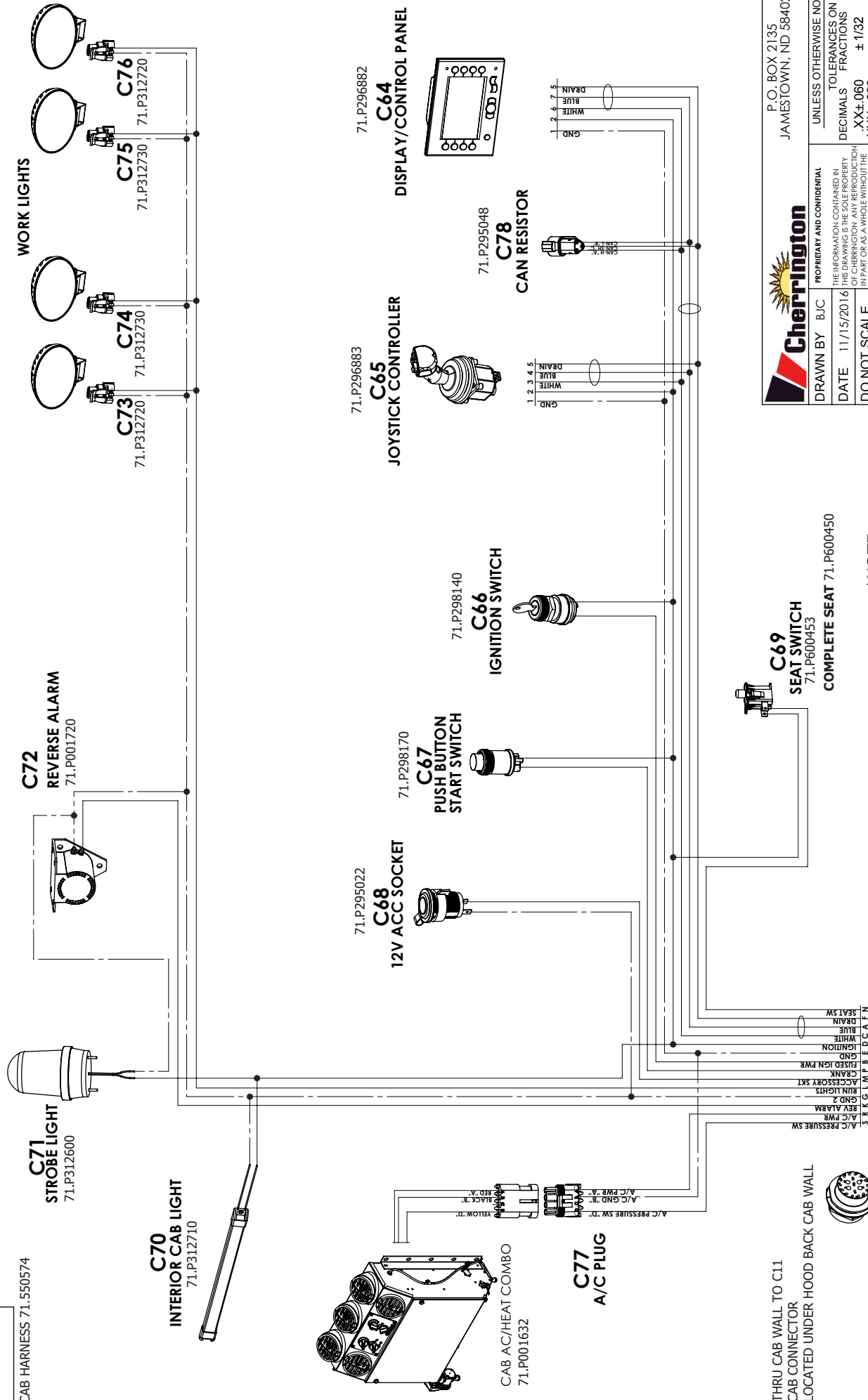


P.O. BOX 2135
JAMESTOWN, ND 58402

DRAWN BY	B/C	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED
DATE	12/23/2015	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION OR USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	TOLERANCES ON ANGLES DECIMALS FRACTIONS .XX±.060 ±1° .XXX±.030
DO NOT SCALE			
PAGE	1 OF 3		
TITLE	HARNES: 5500 DEUTZ MAIN		
PART NO.	550570		
PurMtg	X		

PART NO.

CAB HARNESS 71.550574



THRU CAB WALL TO C11
CAB CONNECTOR
LOCATED UNDER HOOD E

*NOTE
CAN HI = WHITE
CAN LO = BLUE

**C63
CAB
CONNECTOR**

P.O. BOX 2135
JAMESTOWN, ND 58402



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DATE	11/15/2016
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PAGE 2 OF 2

WIRE HARNESS: 5500 DUETZ CAB

UNLESS OTHERWISE NOTED

TOLERANCES ON ECIMALS FRACTIONS

$$\begin{array}{l} \text{XX} \pm .060 \\ \text{XXX} \pm .030 \end{array} \quad \pm 1/32 \quad \pm 1$$

6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465
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PART NO. 550574