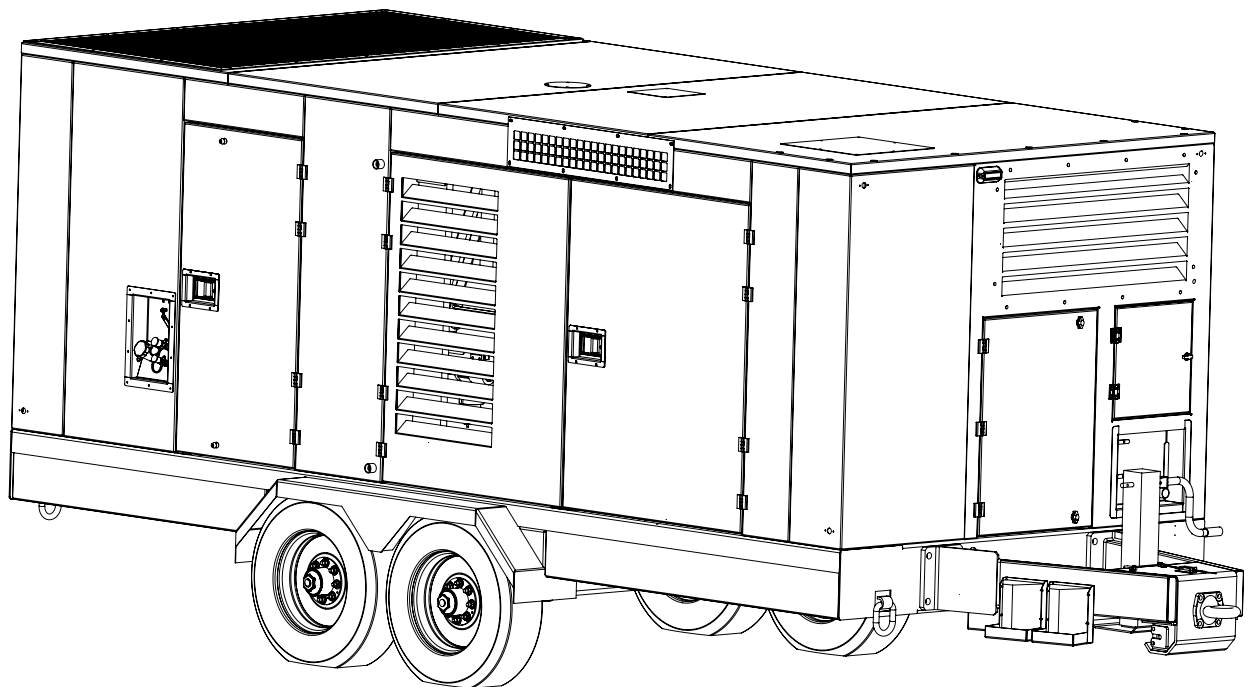




PARTS LIST MANUAL

**PORTABLE AIR COMPRESSOR
1300H[A][F], 1300HH[A][F],
1450HH[A][F], 1600[A][F], 1600H[A][F],**

**[A] AFTERCOOLED MODELS, [F] FILTERED MODELS
CATERPILLAR IT4**



WARRANTY NOTICE

Failure to follow the instructions
and procedures in this manual or,
misuse of this equipment will
VOID its warranty!

**PART NUMBER:
02250207-735 R01**

**KEEP FOR
FUTURE
REFERENCE**

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The information in this manual is current
as of its publication date, and applies to
compressor **serial number:**

201305200000

and all subsequent serial numbers.



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1.1 PROCEDURE FOR ORDERING PARTS

Sullair

3700 East Michigan Boulevard
Michigan City, Indiana, 46360 U.S.A.
Telephone: 1-219-879-5451

Parts should be ordered from the nearest Sullair Representative or the Representative from whom the compressor was purchased. If for any reason parts cannot be obtained in this manner, contact the factory directly at the address, phone numbers or fax numbers below.

When ordering parts always indicate the Serial Number of the compressor. This can be obtained from the Bill of Lading for the compressor or from the Serial Number Plate located on the compressor. See Figure 1-1: Serial Number, , Plate Location.

The genuine Sullair service parts listed meet or exceed the demands of this compressor. Use of replacement parts other than those approved by Sullair may lead to hazardous conditions over which Sullair has no control. Such conditions include, but are not limited to, bodily injury and compressor failure.

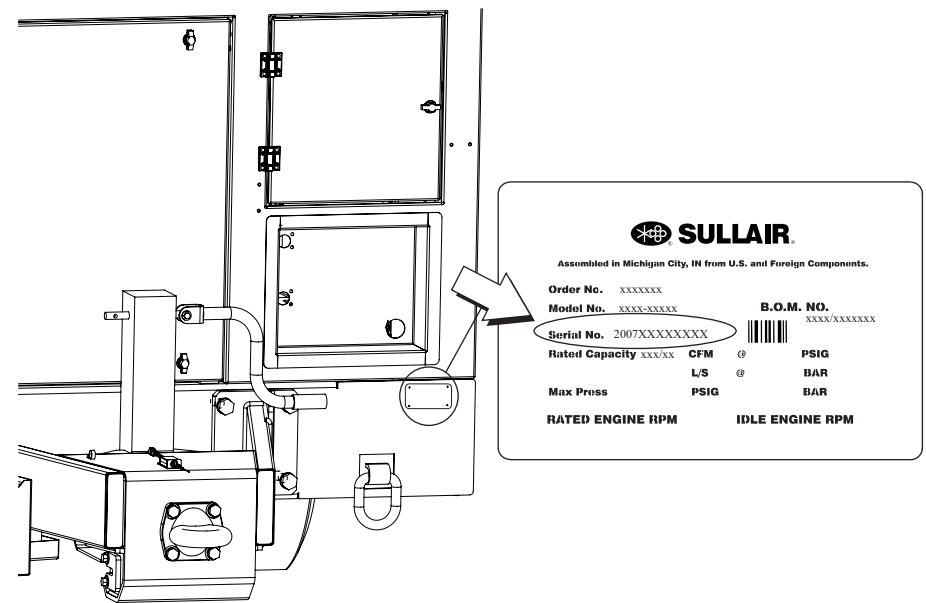


Figure 1-1: Serial Number, , Plate Location

1.2 Recommended Spare Parts

	PART NO.	QTY	DESCRIPTION	NOTES
Elements				
1	02250155-691	2	Replacement for compressor air filter - primary	
2	02250155-692	2	Replacement for compressor air filter - secondary	
3	02250200-155	1	Replacement for coalescing filter for control circuit	
4	02250117-782	1	Replacement for receiver tank scavenge line filter	
5	02250154-065	2	Replacement for (CAT) fuel filter - secondary: 1R-0749	
6	02250175-907	1	Replacement for (CAT) oil filter - 1R-1808	
7	02250154-066	2	Replacement for (CAT) fuel filter - primary: 326-1643	
8	02250168-415	1	Replacement for receiver tank separator element	To be used as spare
9	02250168-376	1	Replacement for receiver tank separator element	This kit contains (6) elements required for regular maintenance
10	02250139-996	1	Replacement for compressor oil filter	
Kits				
11	047525	1	Repair kit for blowdown valve - p/n 45114	
12	048409	2	Repair kit for pressure differential valve - p/n 048059 , 02250052-358	
13	02250177-607	1	Repair kit for 2" oil stop valve	
14	02250056-278	1	Repair kit for inlet valve (no springs included)	
15	02250167-368	1	Repair kit for compressor oil thermostat (170°F)	
16	02250112-531	1	Repair kit for inlet valve (springs included)	
17	02250120-889	1	Repair kit for blowdown valve - p/n 02250120-888	
18	02250164-715	1	Repair kit for pressure differential valve - p/n 02250115-268	
19	250018-262	1	Repair kit for minimum pressure valve (MPV) - p/n 02250203-295	
20	02250050-480	1	Replacement for main spring MPV - p/n 02250203-296	
21	02250175-911	1	Replacement kit for 2" 4-bolt flange	
22	02250175-919	1	Replacement kit for 2.5" 4-bolt flange	
23	02250105-533	1	Replacement kit for 4" 4-bolt flange	
24	02250208-405	1	Repair kit for Start/Run solenoid on p/n 02250207-504	
25	02250185-693	1	Repair kit for hi/low 22 watt solenoid on p/n 02250180-127	

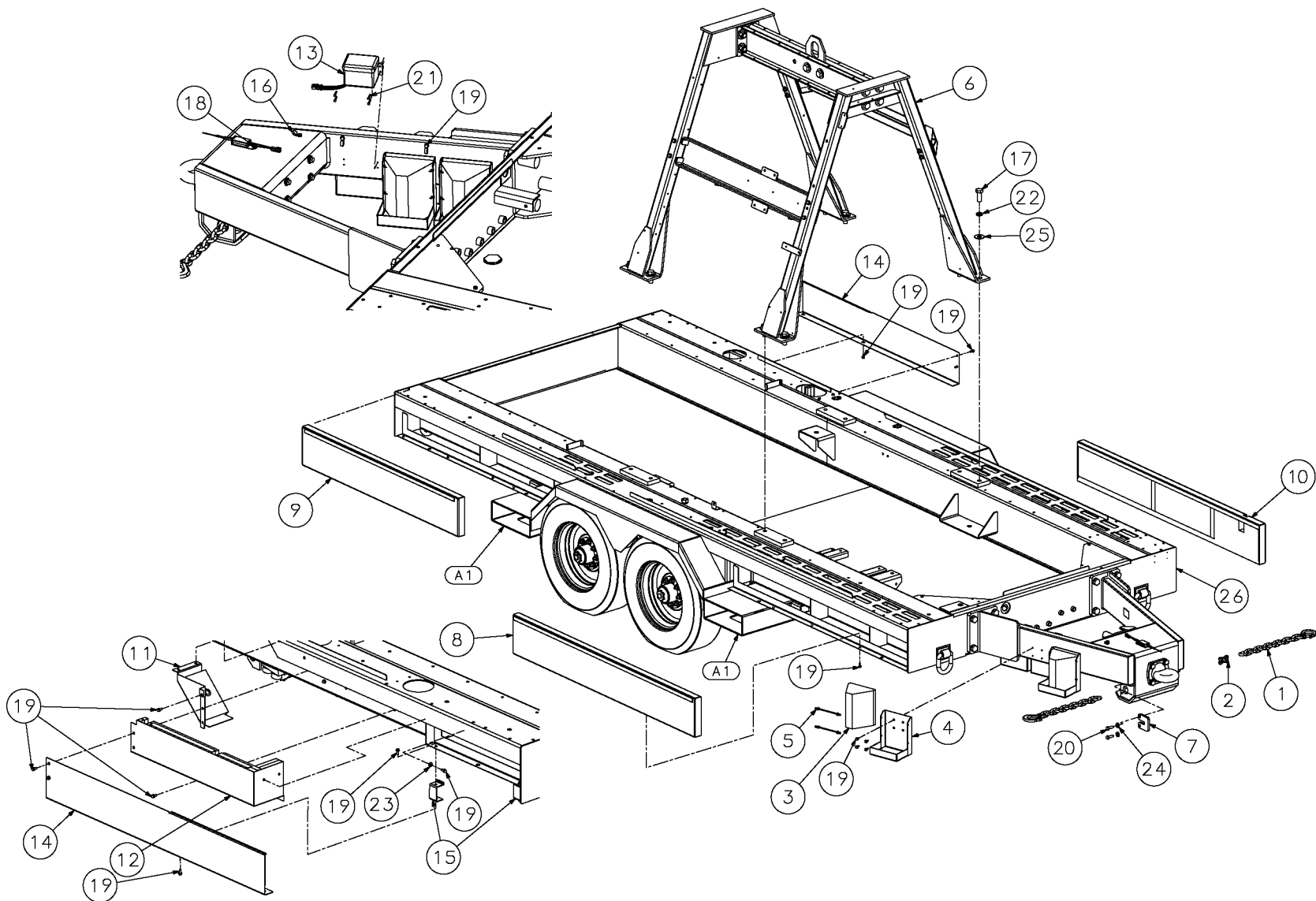
1.2 Recommended Spare Parts

	PART NO.	QTY	DESCRIPTION	NOTES
Miscellaneous				
26	048448	1	Replacement for 0-200 psi gauge for control manifold	
27	407749	2	Replacement for upper radiator hump hoses	
28	02250209-476	2	Replacement for engine charge-air-cooler hump hose	
29	02250121-239	2	Replacement for lower radiator hump hose	
30	02250051-629	1	Replacement for starter solenoid	
31	02250069-601	1	Replacement for engine drive coupling	
32	02250206-520	1	Replacement for fuel tank sender	
33	02250141-442	3	Replacement for 0-250 psi transducer	
34	02250209-304	1	Replacement for engine intake filter restriction switch	
35	02250143-881	1	Replacement for compressor intake filter restriction switch	
36	02250193-890	1	Replacement for C-Pro load center (LLC)	
37	02250193-895	1	Replacement for C-Pro power converter	
38	02250193-891	1	Replacement for C-Pro display unit	
39	02250190-483	1	Replacement for C-Pro dual pressure controller	
40	02250202-196	1	Replacement for C-Pro single pressure controller	
41	02250159-425	1	Replacement key for compass enclosure door	
42	02250160-014	1	Replacement for fuel supply quick disconnect - female	
43	02250160-017	1	Replacement for fuel return quick disconnect - female	
44	02250160-020	1	Replacement for fuel supply quick disconnect - male	
45	02250160-023	1	Replacement for fuel return quick disconnect - male	
46	02250160-837	1	Replacement for battery disconnect switch	
47	02250161-277	2	Replacement for compressor discharge temperature (CDT) sensor	
48	02250163-818	1	Replacement for E-Stop switch (request p/n 02250163-929 is gasket is needed)	
49	02250163-819	1	Replacement for E-Stop gasket	
50	02250165-908	1	Replacement for engine coolant sensor	
51	02250166-195	1	Replacement for fuel tank cap	
52	02250202-236	1	Replacement for engine radiator	

1.2 Recommended Spare Parts

	PART NO.	QTY	DESCRIPTION	NOTES
Miscellaneous <i>Continued</i>				
53	02250202-703	1	Replacement for compressor air discharge after-cooler	
54	02250202-233	1	Replacement for compressor oil cooler	
55	02250202-238	1	Replacement for engine charge-air-cooler	
56	02250205-828	1	Replacement for engine radiator cap	
57	02250207-707	1	Replacement for regulator top insulator	
58	02250207-709	1	Replacement for regulator bottom insulator	
59	02250134-501	1	Replacement for fuel cooler	
60	02250094-185	6	Replacement for fuel cooler grommets	
61	02250208-152	1	Replacement for auxiliary fuel pump	
62	02250185-262	2	Replacement for fuel tank vent	
63	02250123-574	1	Replacement for main harness fuel system relays	Use with 02250123-142
64	02250123-142	1	Replacement for main harness fuel system relays	Use with 02250123-574
65	02250204-672	1	Replacement for main harness fuse breaker	
Options				
66	02250207-639	1	Engine block heater	
67	02250205-481	1	Fork pockets for tandem running gear frame	
68	02250205-605	1	Cold weather shutters	
Lubrication				
69	250030-757	1	Replacement for compressor lubricant - AWF - 5 gal	
70	250030-758	1	Replacement for compressor lubricant - AWF - 55 gal	
Please note: When ordering parts, please indicate serial number of the compressor				

1.3 FRAME (DTQ) ASSEMBLY



02250204-797 R02



1600i T4 CAT LP_02250207-735 R01

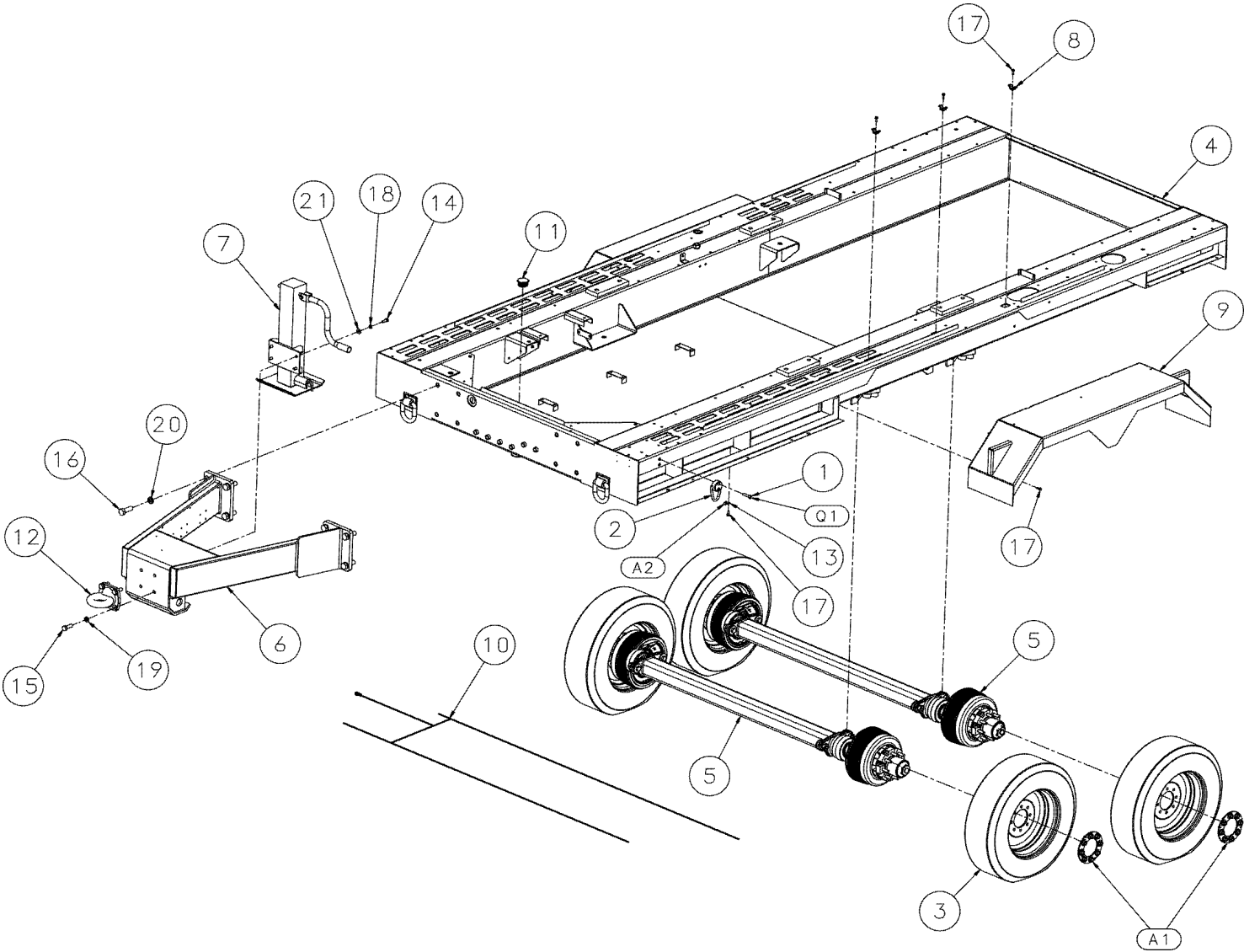
1.3 FRAME (DTQ) ASSEMBLY

KEY	PART NO.	BLACK	STAINLESS	QTY	DESCRIPTION	NOTES
1	02250095-866			2	CHAIN, ASSY 3/8 X 48" W/HOOK	
2	02250095-867			1	COUPLING LINK, SAFETY CHAIN	
3	02250155-329			4	CHOCK,WHEEL 600-750H	
4	02250198-467			4	SUPT,BRKT WHEEL CHUCK 600A	
5	02250199-219			8	CORD, TIE-DOWN 8.00 TO 14.00	
6	02250202-599			1	SA,LIFT BAIL 1600F	
7	02250204-880			1	PLT,CHAIN STOP 1600F	
8	02250205-912	02250206-073	02250206-074	1	FENDER,SKIRT FRNT CS 1600F TAB	
9	02250205-918	02250206-071	02250206-072	1	FENDER,SKIRT REAR CS 1600F TAB	
10	02250205-991	02250206-075	02250206-076	1	FENDER,SKIRT FRONT SS TAB	
11	02250207-297	02250206-724	02250207-298	1	BAF,EXH OUTER 1600F TAB	
12	02250207-300	02250205-099	02250207-301	1	BAF,EXH PIPE 1600F TAB	
13	02250207-878			1	SW ASSY,BREAKAWAY 1600F	
14	02250210-394	02250210-371	02250210-395	1	FENDER,SKIRT REAR SS TAB	
15	02250210-396			2	SUPT,BRKT REAR FENDER SKIRT	
16	408300-004			4	CLAMP, HOSE 7/8" I.D.	
17	829116-250			8	CAPSCR, HEX GR5 1-8 X 2 1/2	
18	829704-075			1	SCREW, HEX SER WASHER 1/4-20 X 3/4	
19	829705-075		879905-075	46	SCREW, HEX SER WASHER 5/16-18 X 3/4	
20	829708-150			2	SCREW, HEX SER WASHER 1/2-13 X 1 1/2	
21	831102-125			4	SCREW, MACH-HEX #10-32 X 1 1/4	
22	837816-250			8	WASHER, SPR LOCK REG PLTD 1	
23	838205-071		880305-071	2	WASHER, PL-B REG PLTD 5/16	
24	838208-112			2	WASHER, PL-B REG PLTD 1/2	
25	838216-174			8	WASHER, PL-B REG PLTD 1	
26	SEE TABLE			1	FRM,RUN GEAR ASSY 1600F TAB	

1.3 FRAME (DTQ) ASSEMBLY

1600F FRAME TABLE				
MODULE	PAINT COLOR	FORK	MATERIAL	FRAME PART
02250204-841	BLACK	NO	GALVANNEAL	02250202-206
02250207-258	MILL	NO	STAINLESS STEEL	02250207-033
02250207-037	BLACK	YES	GALVANNEAL	02250207-035
02250207-259	MILL	YES	STAINLESS STEEL	02250207-036

1.4 FRAME/RUNNING GEAR (DTQ) STANDARD



02250207-032 R03



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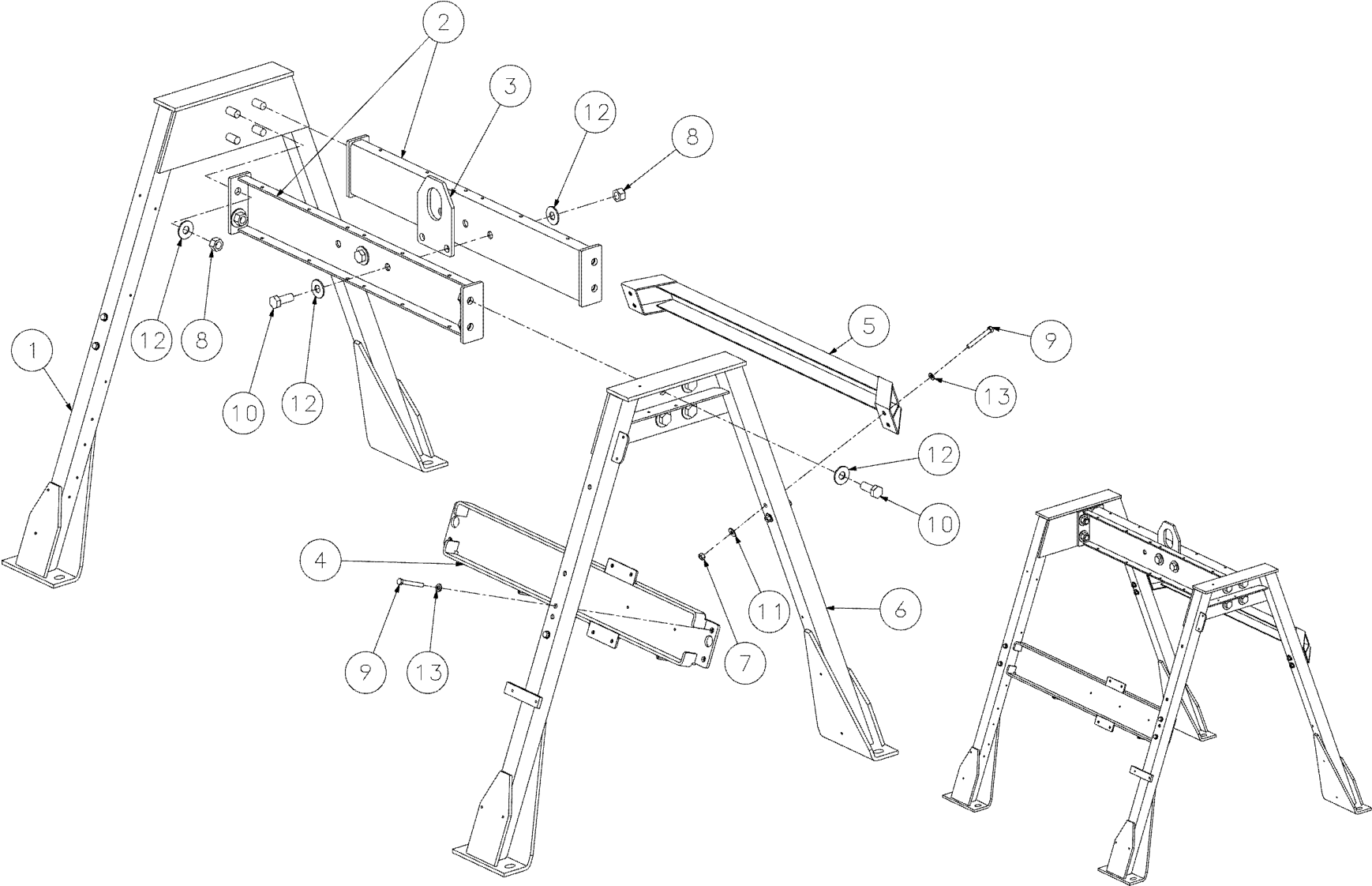
1.4 FRAME/RUNNING GEAR (DTQ) STANDARD

KEY	PART NO.	GALVANNEAL	STAINLESS	QTY	DESCRIPTION	NOTES
1	02250125-032			2	SCREW, CAP SOC HD 1/2-13 X 2 SS	
2	02250125-183			1	HOIST, RING 5000LB CL-50-HR DE-18	
3	02250186-464			4	WHL, ASSY 245/70R17.5	
4	02250202-203			1	FRM, MAIN DTQ 1600F	
5	02250202-205			2	AXLE, TOR 12K 91.5TW 1600F T4	
6	02250202-638			1	DRWBR, 1600F TIER4	
7	02250202-759			1	JK, LG PORTABLE TIER 4	
8	02250207-028	02250206-592	02250207-029	6	SUPT, FENDER MTG 1600F TAB	
9	02250207-030	02250202-204	02250207-031	2	FENDER, 1600F T4 DTQ TAB	
10	02250207-835			1	HARN, BRAKE 1600F	
11	02250208-005			1	PLUG, 2NPT PIPE THICK-WALL	
12	250029-097			1	EYE, LUNETTE 3" X 60, 000# RIGID	
13	408300-001			3	CLAMP, HOSE 9/16"ID	
14	829108-125			4	CAPSCR, HEX GR5 1/2-13 X 1 1/4	
15	829112-225			4	CAPSCR, HEX GR5 3/4-10 X 2 1/4	
16	829116-300			8	CAPSCR, HEX GR5 1-8 X 3	
17	829705-100		879905-100	25	SCREW, HEX SER WASHER 5/16-18 X 1	
18	837808-125			4	WASHER, SPR LOCK REG PLTD 1/2	
19	837812-188			4	WASHER, SPR LOCK REG PLTD 3/4	
20	837816-250			8	WASHER, SPR LOCK REG PLTD 1	
21	838208-112			4	WASHER, PL-B REG PLTD 1/2	
EXPLODED VIEW NOTES:						
A1	INCLUDED WITH AXLES.					
A2	USED TO ATTACH BRAKE HARNESS.					
Q1	TORQUE TO (62.5 FT-LBS)					

1.5 FRAME/RUNNING GEAR (DTQ) WITH FORK POCKETS

KEY	PART NO.	GALVANNEAL	STAINLESS	QTY	DESCRIPTION	NOTES
1	02250125-032			2	SCREW, CAP SOC HD 1/2-13 X 2 SS	
2	02250125-183			1	HOIST, RING 5000LB CL-50-HR DE-18	
3	02250186-464			4	WHL, ASSY 245/70R17.5	
4	02250202-203			1	FRM, MAIN DTQ 1600F	
5	02250202-205			2	AXLE, TOR 12K 91.5TW 1600F T4	
6	02250202-638			1	DRWBR, 1600F TIER4	
7	02250202-759			1	JK, LG PORTABLE TIER 4	
8	02250204-873			2	PKT, FORK LIFT 1600F	
9	02250207-028	02250206-592	02250207-029	6	SUPT, FENDER MTG 1600F TAB	
10	02250207-030	02250202-204	02250207-031	2	FENDER, 1600F T4 DTQ TAB	
11	02250207-835			1	HARN, BRAKE 1600F	
12	02250208-005			1	PLUG, 2NPT PIPE THICK-WALL	
13	250029-097			1	EYE, LUNETTE 3" X 60, 000# RIGID	
14	408300-001			3	CLAMP, HOSE 9/16"ID	
15	829108-125			4	CAPSCR, HEX GR5 1/2-13 X 1 1/4	
16	829112-150			8	CAPSCR, HEX GR5 3/4-10 X 1 1/2	
17	829112-225			4	CAPSCR, HEX GR5 3/4-10 X 2 1/4	
18	829116-300			8	CAPSCR, HEX GR5 1-8 X 3	
19	829705-100		879905-100	25	SCREW, HEX SER WASHER 5/16-18 X 1	
20	837808-125			4	WASHER, SPR LOCK REG PLTD 1/2	
21	837812-188			12	WASHER, SPR LOCK REG PLTD 3/4	
22	837816-250			8	WASHER, SPR LOCK REG PLTD 1	
23	838208-112			4	WASHER, PL-B REG PLTD 1/2	
24	838212-112			8	WASHER, PL-B REG PLTD 3/4	
EXPLODED VIEW NOTES:						
A1	INCLUDED WITH AXLES.					
A2	USED TO ATTACH BRAKE HARNESS.					
Q1	TORQUE TO (62.5 FT-LBS)					

1.6 LIFTING BAIL



02250205-136 R00

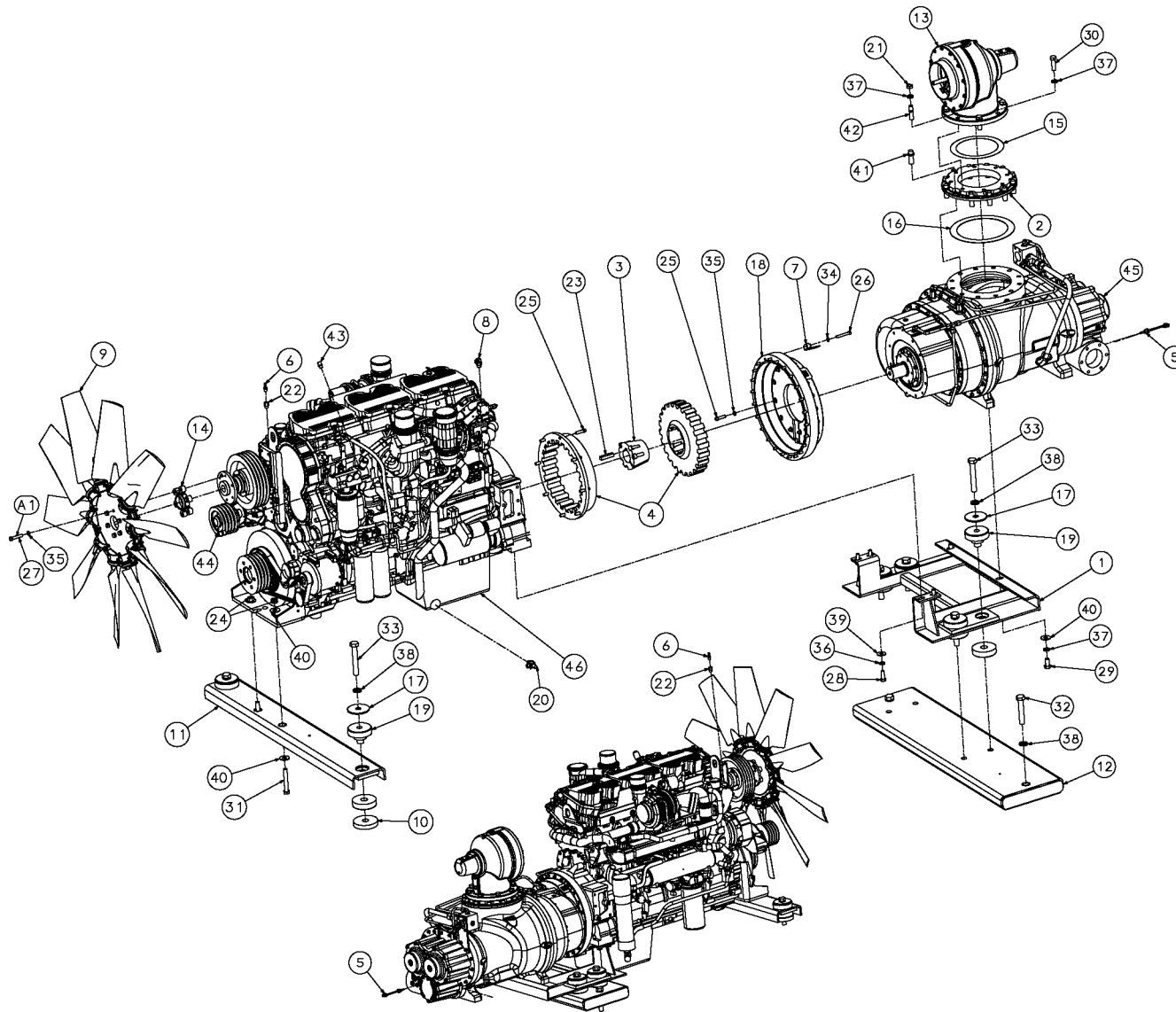


1600iT4 CAT LP_02250207-735 R01

1.6 LIFTING BAIL

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250202-592	1	SUPT, A-FRAME LIFT BAIL 1600F	
2	02250202-593	2	SUPT, CENTER LIFT BAIL 1600F	
3	02250202-594	1	SUPT, EYE LIFT BAIL 1600F	
4	02250202-726	1	SUPT, GUSSET LIFT BAIL 1600F	
5	02250202-727	1	SUPT, GUSSET2 LIFT BAIL 1600F	
6	02250205-140	1	SUPT, A-FRAME LIFT BAIL 1600F	
7	825208-448	4	NUT, HEX PLTD 1/2-13	
8	825216-887	10	NUT, HEX PLTD 1-8	
9	829108-400	8	CAPSCREW, HEX GR5 1/2-13 X 4	
10	829116-250	10	CAPSCREW, HEX GR5 1-8 X 2 1/2	
11	838208-112	4	WASHER, PL-B REG PLTD 1/2	
12	838216-174	20	WASHER, PL-B REG PLTD 1	
13	878608-100	8	WASHER, NORD-LOCK PL 1/2" SP	

1.7 ENGINE/COMPRESSOR



02250204-775 R03



1600iT4 CAT LP_02250207-735 R01

1.7 ENGINE/COMPRESSOR

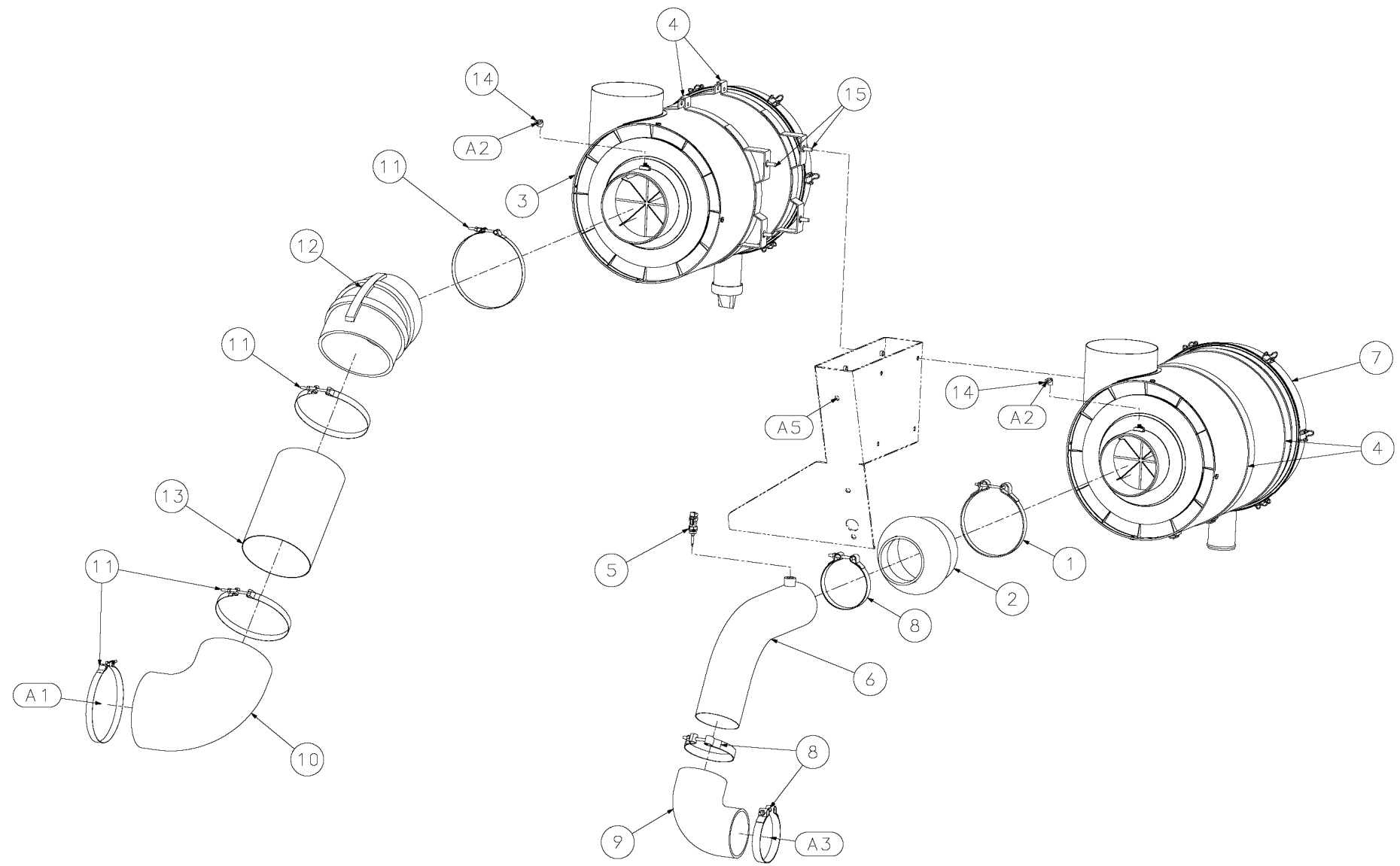
KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250043-375	1	SUPT, ENG/COMP 1300-1600Q	
2	02250044-615	1	ADPT, COMPR INLET 8" INL VLV	
3	02250069-226	1	BUSHING, TAPER LOCK 4040 W/2.75 BORE	
4	02250069-601	1	COUPLING, DRIVE ACT-6 1350/350	
5	02250161-277	1	SNSR, TEMP THERMISTOR BRASS	
6	02250166-711	1	CONN,HOSE BARB 5/16" HOSE X 1/4" NPT	
7	02250173-966	2	COVER, HP UNIT ADPT 1600D	
8	02250189-779	1	ELB,90 SAE X ORFS 1/2"	
9	02250202-275	1	FAN, MAIN 1600F TIER 4	
10	02250202-639	2	SPCR, ENGINE MOUNT 1600F T4	
11	02250202-640	1	SUPT, ENGINE 1600F TIER 4	
12	02250202-641	1	SUPT, ENGINE/UNIT 1600F T4	
13	02250207-920	1	SA,INLET VALVE 8.00	
14	02250209-600	1	SPCR,FAN C15 1600 T4	
15	040422	1	GASKET, 11 X 8 5/8 X 1/32	
16	041079	1	GASKET, .06 x 10.5ID x 13.25OD	
17	222607	6	WASHER, SNUBBING	
18	250003-159	1	ADAPTER, E&C SAE1 TO 20S	
19	250010-330	6	ISOLATOR, VIBRATION 500 LB. CAPACITY	
20	250031-046	1	VALVE, DRAIN 1-1/8-12UNF	
21	250034-077	2	NUT, THIN HEX 3/4-10	
22	811504-025	1	ADAPTER, FEMALE PIPE 1/2 X 1/4	
23	821110-300	1	KEY, SQ CL1 5/8" X 3	
24	825512-382	2	NUT, HEX LOCKING 3/4-10	
25	828408-175	20	CAPSCR, FERRY HD 1/2-13 X 1 3/4	
26	829107-300	24	CAPSCR, HEX GR5 7/16-14 X 3	
27	829108-250	6	CAPSCR, HEX GR5 1/2-13 X 2 1/2	
28	829110-175	4	CAPSCR, HEX GR5 5/8-11 X 1 3/4	

1.7 ENGINE/COMPRESSOR

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	829112-150	2	CAPSCR, HEX GR5 3/4-10 X 1 1/2	
30	829112-250	6	CAPSCR, HEX GR5 3/4-10 X 2 1/2	
31	829112-500	2	CAPSCR, HEX GR5 3/4-10 X 5	
32	829116-550	2	CAPSCR, HEX GR5 1-8 X 5 1/2	
33	829116-650	6	CAPSCR, HEX GR5 1-8 X 6 1/2	
34	837807-112	24	WASHER, SPR LOCK REG PLTD 7/16	
35	837808-125	18	WASHER, SPR LOCK REG PLTD 1/2	
36	837810-156	4	WASHER, SPR LOCK REG PLTD 5/8	
37	837812-188	10	WASHER, SPR LOCK REG PLTD 3/4	
38	837816-250	8	WASHER, SPR LOCK REG PLTD 1	
39	838210-112	4	WASHER, PL-B REG PLTD 5/8	
40	838212-112	6	WASHER, PL-B REG PLTD 3/4	
41	867314-200	12	CAPSCR, FERRY HD PLTD 7/8-9 X 2	
42	873812-030	2	STUD, THRD 3/4-10 X 3 PLT	
43	884406-056	1	CONN, STR THD/ORFS 9/16 X 3/8	
44	884408-088	1	CONN, STR THD/ORFS 7/8 X 13/16	
45	SEE CHART UNIT	1	COMPR&PART (SEE BOM)	
46	SEE_CHART_E NGINE	1	ENGINE	

MACHINE SIZE	ENG/COMPR	ENGINE	UNIT
1300H	02250204-823	02250185-716	02250192-895
1300HH	02250204-826	02250185-715	02250192-896
1450HH	02250204-827	02250185-715	02250192-897
1600	02250204-824	02250185-716	02250192-898
1600H	02250204-825	02250185-715	02250192-898

1.8 AIR INLET



02250204-777 R02

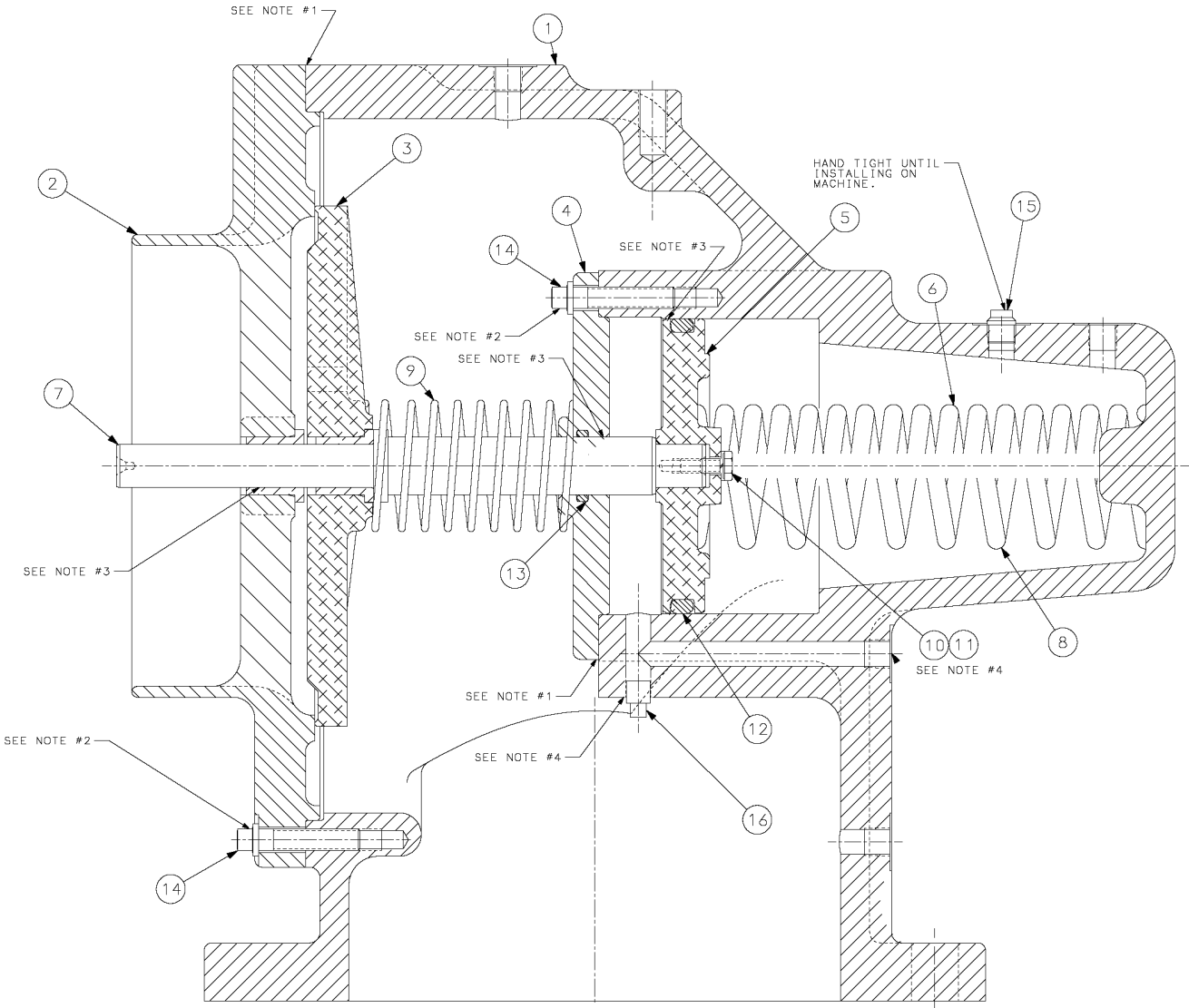


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1.8 AIR INLET

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250044-538	1	CLAMP, T-BOLT SS BAND 7.50"ID	
2	02250081-440	1	HOSE, HUMP REDUCING 7" X 5"	
3	02250155-690	1	FILTER, AIR 18" TIER III	
4	02250156-380	4	CLAMP, 18" AIR FILTER 1600 T3	
5	02250190-873	1	SNSR, ENGINE AIR INTAKE TIER4	
6	02250202-649	1	TUBE, ENGINE AIR INLET 5" 1600F LP	
7	02250202-650	1	TUBE, COMPR AIR INLET 8" 1600F LP	
8	02250205-187	1	FILTER AIR 18" 1600 FAMILY TIER4 7" OUTL	
9	042324	3	CLAMP, T-BOLT SS BAND 5.50"ID	
10	042328	1	ELBOW, AIR DUCT 90 DEG 5.0" I.D.	
11	043406	1	ELBOW, AIR INLET 90 RUBBER	
12	043598	6	CLAMP, T-BOLT SS BAND 8.75"ID	
13	250006-651	1	TUBE, ALUM AIR INLET 8"OD X 12"LG	
14	250041-286	2	ELBOW, 90D 1/4" TUBE X 1/8"FNPT	
15	829706-100	8	SCREW, HEX SER WASHER 3/8-16 X 1	
VIEW NOTES:				
A1	TO COMPRESSOR			
A2	TO FILTER MINDERS			
A3	TO TURBO			
A5	TO LIFTING BAIL			

1.9 INLET VALVE



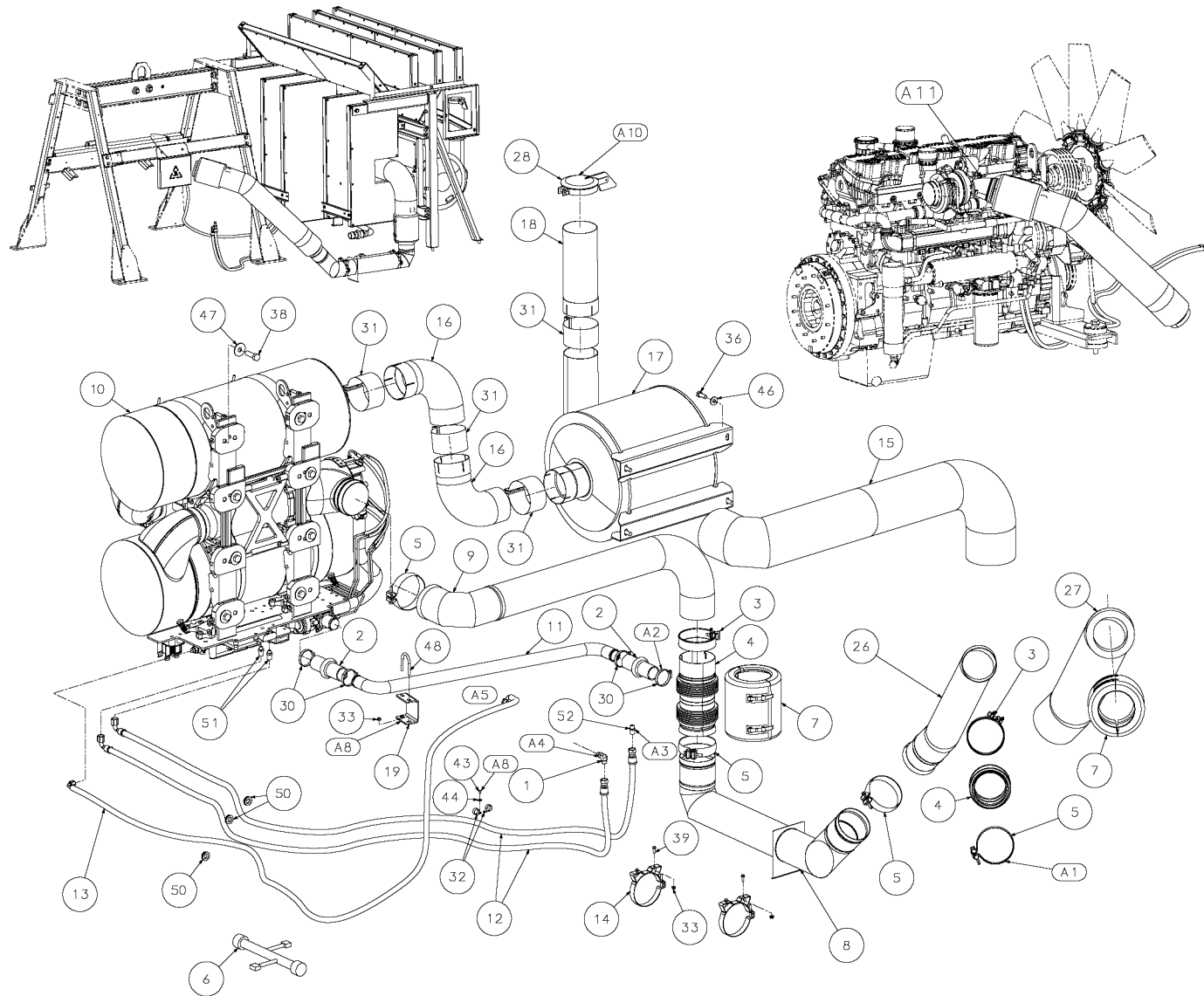
02250207-919 R00



1.9 INLET VALVE

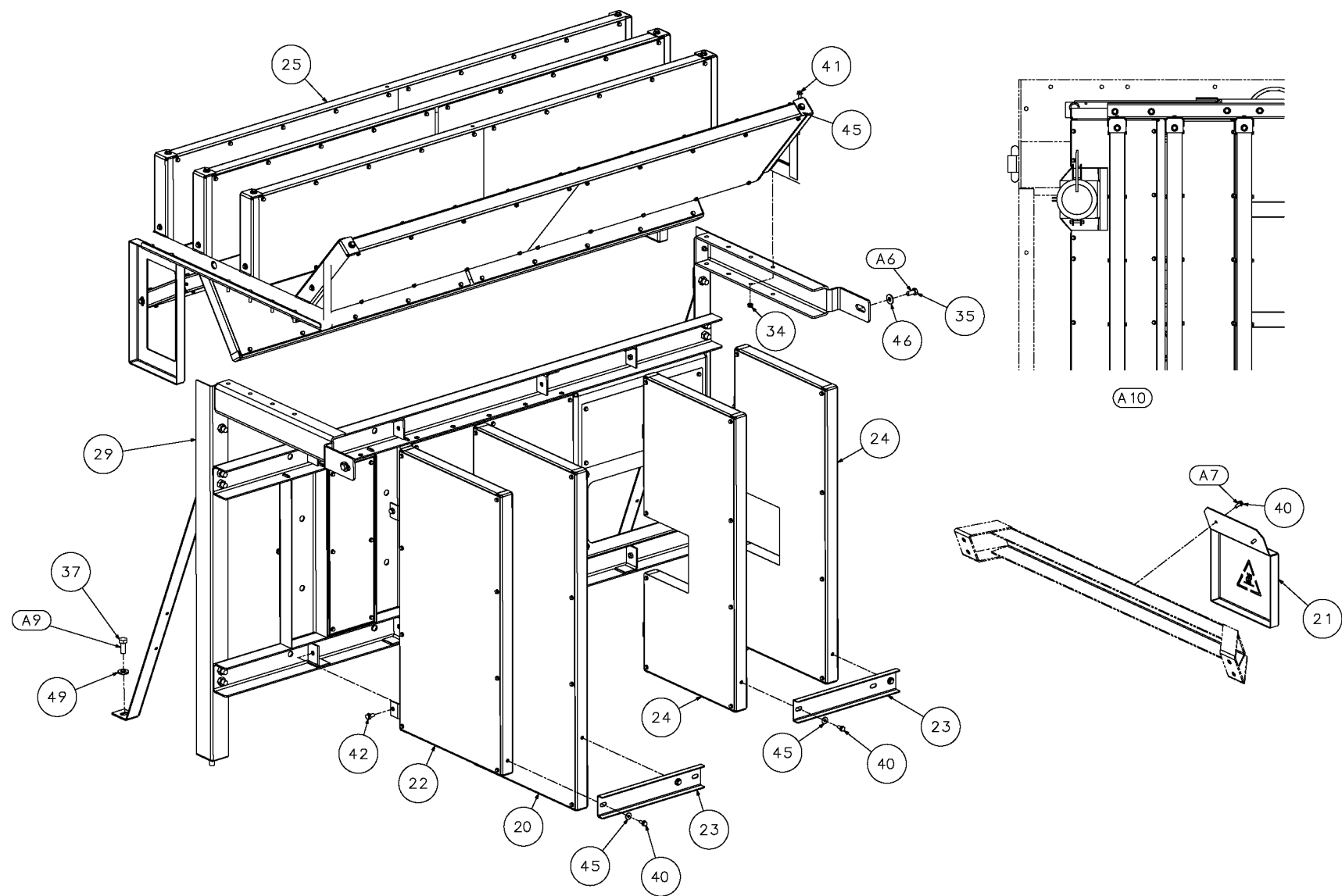
KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	250042-276	1	HOUSING, BODY 8" INLET VALVE	
2	02250048-491	1	COVER, ASSEMBLY 8" INLET VALVE	
3	02250207-921	1	PLATE, ASSY 8" INLET VALVE	
4	250042-301	1	COVER, INTER 8" INLET VALVE	
5	250042-299	1	PISTON, 8" INLET VALVE	
6	250042-384	1	SPRING, COMP. 144 LBS INTER	
7	02250139-188	1	SHAFT, 8" INLET VALVE	
8	250042-383	1	SPRING, COMP. 109 LBS OUTER	
9	250042-656	1	SPRING, COMP. 2.61 LBS	
10	829104-075	1	CAPSCREW, HX GR5 1/4-20 X 3/4"	
11	837804-062	1	WASHER, SPRLOCK REG PLTD 1/4"	
12	826502-426	1	O-RING, VITON 4 5/8 x 1/4	
13	826502-214	1	O-RING, VITON 1 x 1/8	
14	828406-175	18	SCREW, FERRY HD, 3/8 -16 x 1 3/4 LG	
15	866900-010	1	PLUG, PIPE 1/4" 3000# STL PLT	
16	866900-005	1	PLUG, PIPE 1/8" 3000# STL PLT	

1.10 EXHAUST SYSTEM



02250204-779 R04 S1

1.10 EXHAUST SYSTEM



02250204-779 R04 S2



1600iT4 CAT LP_02250207-735 R01

1.10 EXHAUST SYSTEM

KEY	PART NO.	QTY	DESCRIPTIONS	NOTES
1	02250189-778	1	ELB,90 SAE X ORFS 3/8"	
2	02250190-468	2	HOSE, HUMP 1.75" ID	
*3	02250190-484	2	*CLP,BAND 5" FLAT CAT	
*4	02250191-399	2	*JNT,EXP 5" BELLOWS CAT	
*5	02250191-406	4	*CLAMP,BAND BALL JOINT 5" CAT	
*6	02250192-864	1	*HARN,WRG CEM 1600F	
*7	02250193-412	2	*WRAP,BLANKET CEM BELLOWS	
8	02250202-511	1	PIPE,EXHAUST CONNECTOR 1600F	
9	02250202-514	1	PIPE, EXHAUST CONNECTOR TO CEM 1600F	
*10	02250202-605	1	*ENG EXH SYS CAT C18 TIER 4	
11	02250202-611	1	PIPE, EXHAUST CAC TO CEM 1600F	
12	02250203-089	2	HOSE,MP 5/16"ID X 126 OAL	
13	02250203-090	1	HOSE,MP 5/16"ID X 116 OAL	
14	02250204-369	2	BAND, MOUNTING 5"	
15	02250205-677	1	WRAP,BLANKET EXHAUST FRAME TO CEM 1600F	
16	02250205-878	2	PIPE, EXHAUST 5.00 1600F	
17	02250205-931	1	MUF, 5.00ID X 5.00 X 19.38 OD	
18	02250205-964	1	PIPE, EXHAUST 5.00 1600F	
19	02250206-396	1	SUPT, FORMED "C" EXH PIPE 1600F	
20	02250206-513	1	DFTR, COOLER EXHAUST 1600F	
21	02250206-862	1	SHLD, TURBO 1600F T4	
22	02250207-346	1	DFTR, COOLER EXHAUST 1600F	
23	02250207-349	2	CHAN, SUPPORT EXH DEFLECTOR 1600F	
24	02250207-369	2	DFTR, COOLER EXHAUST 1600F	
25	02250207-416	1	SA, EXHAUST BAFFLES 1600F	
26	02250208-540	1	PIPE, EXHAUST 1600F	
27	02250208-547	1	WRAP, BLANKET EXHAUST 1600F	
28	02250210-393	1	CAP, RAIN 5" STAINLESS	

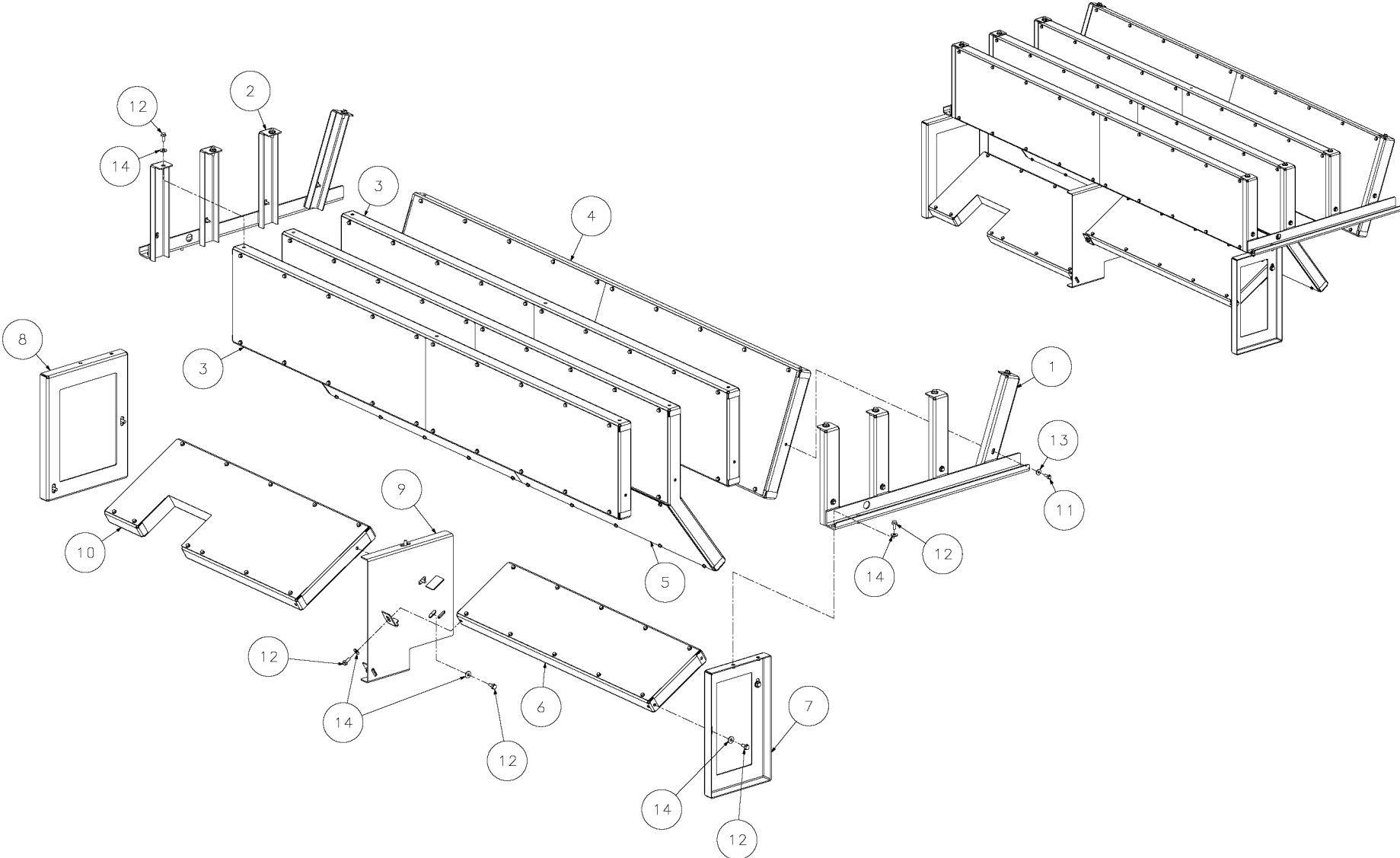
1.10 EXHAUST SYSTEM

KEY	PART NO.	QTY	DESCRIPTIONS	NOTES
29	02250210-925	1	SA,CEM MOUNT 1600F	
30	40083	4	CLAMP, HOSE 1 13/16" TO 2 3/4" ADJ.	
31	241260	5	CLAMP, SEAL 5"	
32	408300-004	2	CLAMP, HOSE 7/8" I.D.	
33	825304-236	6	NUT, HEX F PLTD 1/4-20	
34	825305-283	8	NUT, HEX F PLTD 5/16-18	
35	827908-100	2	CAPSCR, HEX GR8 1/2-13 X 1	
36	827908-125	4	CAPSCR, HEX GR8 1/2-13 X 1 1/4	
37	827910-150	4	CAPSCR, HEX GR8 5/8-11 X 1 1/2	
38	829216-050	8	CAPSCR, HEX 10.9 M16 X 50MM	
39	829704-075	4	SCREW, HEX SER WASHER 1/4-20 X 3/4	
40	829705-075	6	SCREW, HEX SER WASHER 5/16-18 X 3/4	
41	829705-125	8	SCREW, HEX SER WASHER 5/16-18 X 1 1/4	
42	829706-075	8	SCREW, HEX SER WASHER 3/8-16 X 3/4	
43	831502-031	1	SCREW, MACH-FIL #10-32 X 5/16	
44	838202-045	1	WASHER, PL-B REG PLTD #10	
45	838205-071	12	WASHER, PL-B REG PLTD 5/16	
46	838208-112	6	WASHER, PL-B REG PLTD 1/2	
47	865716-500	8	WASHER, ISO 7093-16-140HV	
48	868305-125	1	U-BOLT, 5/16" X 1 1/4" PIPE PLTD	
49	870710-178	4	WASHER, EXTRA THK PLTD 5/8	
50	871014-012	3	GROMMET,RUBBER 7/8 1.28 X .09 THK	
51	884406-044	2	CONN, STR THD/ORFS 7/16 X 3/8	
52	884406-056	1	CONN, STR THD/ORFS 9/16 X 3/8	
EXPLODED VIEW NOTES:				
A1:	EXHAUST FROM TURBOCHARGER OUTLET			
A2:	FEED FROM CHARGE AIR COOLER			
A3:	COOLANT SUPPLY FROM ENGINE			

1.10 EXHAUST SYSTEM

KEY	PART NO.	QTY	DESCRIPTIONS	NOTES
A4:			COOLANT RETURN TO ENGINE	
A5:			FUEL SUPPLY FROM ENGINE	
A6:			MOUNT TO COOLER PACK	
A7:			MOUNT TO LIFTING BAIL	
A8:			MOUNT TO FUEL TANK	
A9:			MOUNT TO FRAME	
A10:			EXHAUST RAIN CAP ORIENTATION SEE SHEET 2	
A11:			REFERENCE SULLAIR P/N: 02250208-601	
*Q1:			INCLUDED AS PART OF LOOSE PARTS KIT 02250191-505 OR WITH ENGINE	

1.11 EXHAUST BAFFLES



02250207-417 R00

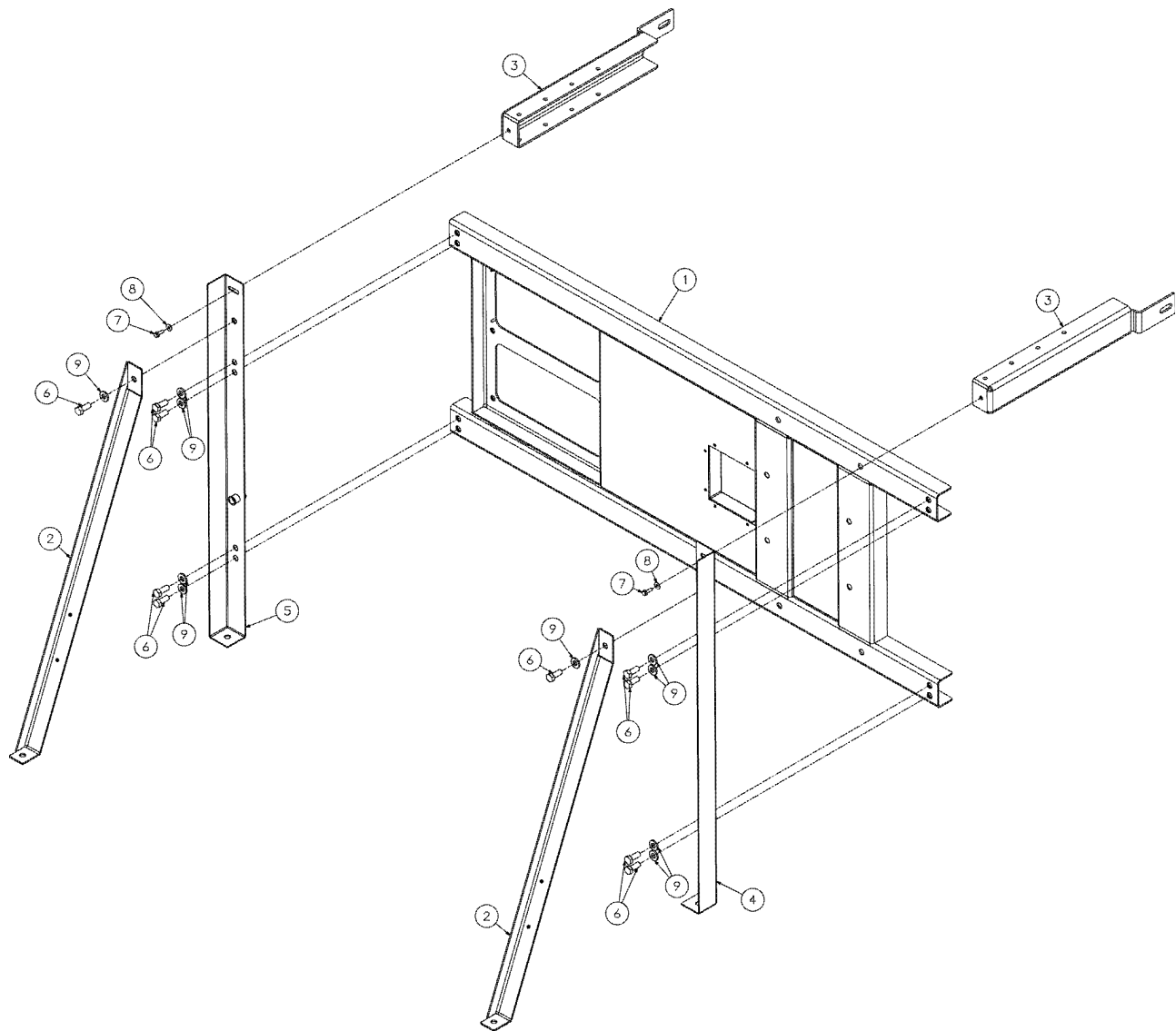


1600iT4 CAT LP_02250207-735 R01

1.11 EXHAUST BAFFLES

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250207-418	1	SUPT, BRKT CS EXH BAF 1600F	
2	02250207-419	1	SUPT, BRKT SS EXH BAF 1600F	
3	02250207-420	2	BAF, SOUND EXHAUST 1600F	
4	02250207-427	1	BAF, SOUND EXHAUST 1600F	
5	02250207-430	1	BAF, EXHAUST BAF 1600F	
6	02250207-434	1	BAF, SOUND EXHAUST 1600F	
7	02250207-437	1	SUPT, BRKT EXHAUST BAF 1600F CS	
8	02250207-438	1	SUPT, BRKT EXHAUST BAF 1600F SS	
9	02250207-439	1	SUPT, BRKT EXHAUST BAF 1600F, CENTER	
10	02250207-442	1	BAF, SOUND EXHAUST 1600F	
11	829704-075	8	SCREW, HEX SER WASHER 1/4-20 X 3/4	
12	829705-075	21	SCREW, HEX SER WASHER 5/16-18 X 3/4	
13	838204-071	8	WASHER, PL-B REG PLTD 1/4	
14	838205-071	21	WASHER, PL-B REG PLTD 5/16	

1.12 EXHAUST FRAME



02250202-600 R01

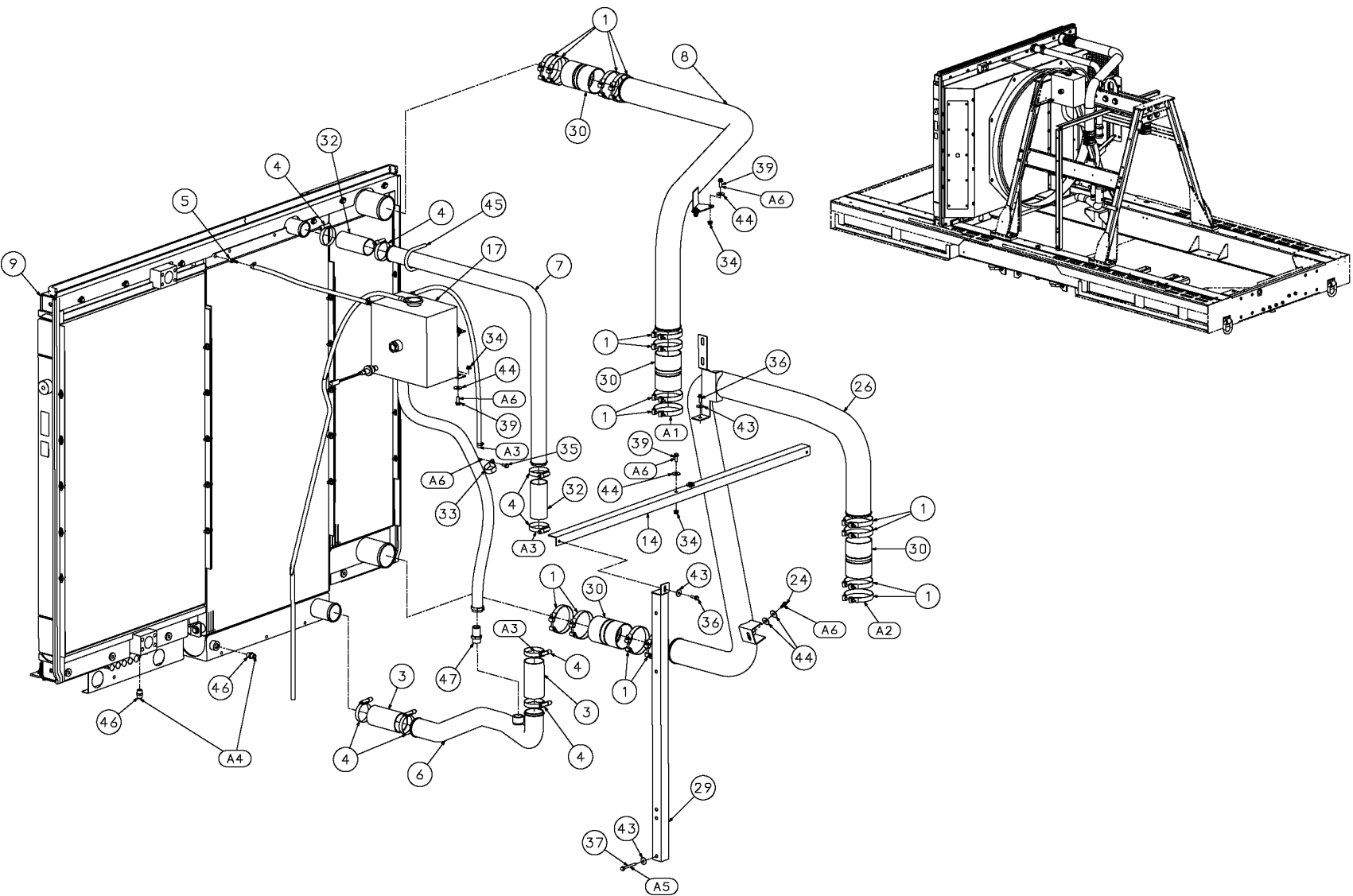


1600iT4 CAT LP_02250207-735 R01

1.12 EXHAUST FRAME

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250202-420	1	SUPT, CENTER CEM MOUNT 1600F	
2	02250202-421	2	SUPT, GUSSET CEM MOUNT 1600F	
3	02250202-587	2	SUPT, BRACKET CEM TO COOLER 1600F	
4	02250208-930	1	SUPT, UPRIGHT CEM MOUNT 1600F	
5	02250208-931	1	SUPT, UPRIGHT CEM MOUNT RS 1600F	
6	827910-150	10	CAPSCREW, HEX GR8 5/8-11 X 1 1/2	
7	829705-100	2	SCREW, HEX SER WASHER 5/16-18 X 1	
8	838205-071	2	WASHER, PL-B REG PLTD 5/16	
9	870710-178	10	WASHER, EXTRA THK PLTD 5/8	

1.13 COOLING SYSTEM

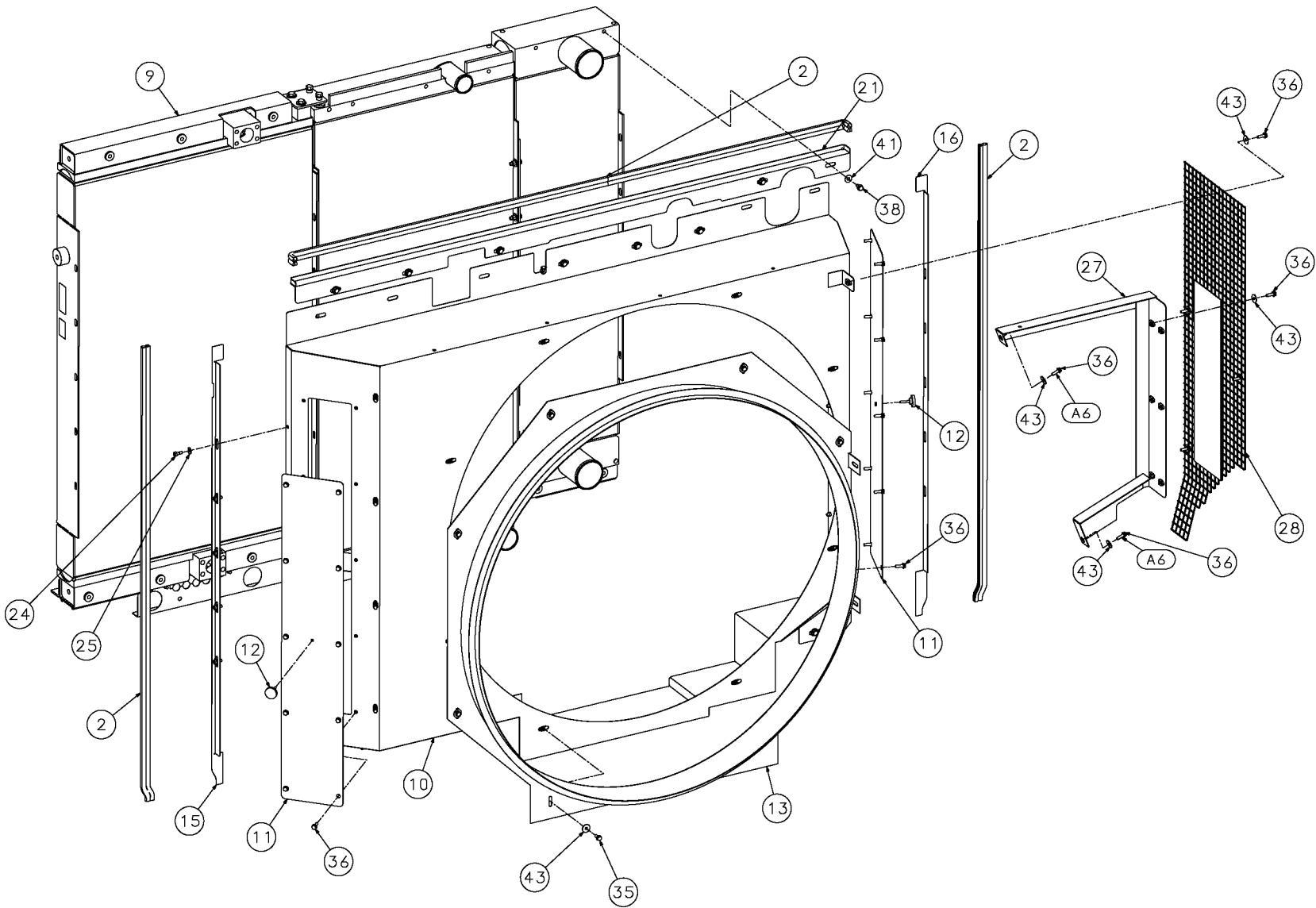


02250204-780 R03 S1



1600iT4 CAT LP_02250207-735 R01

1.13 COOLING SYSTEM

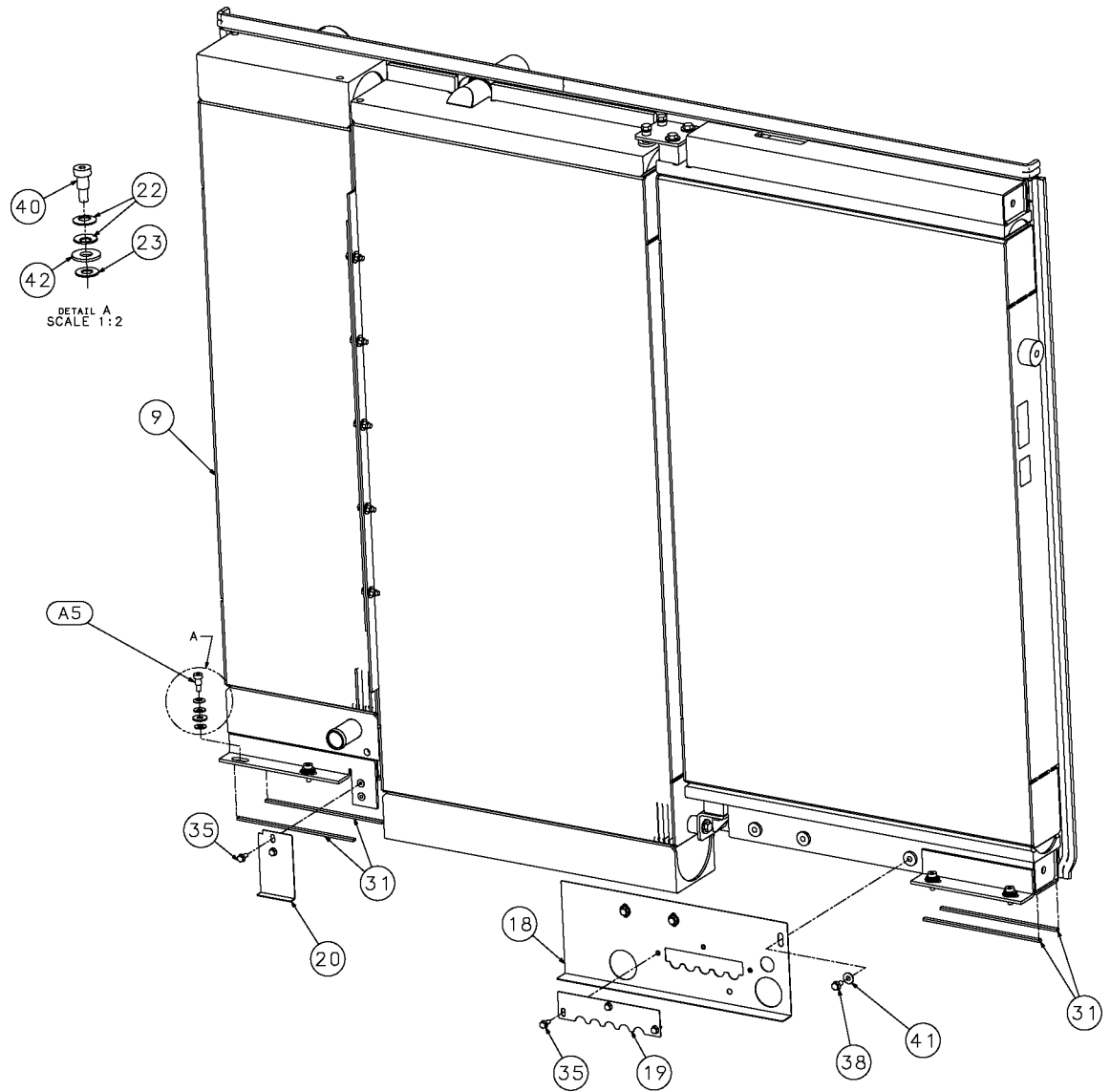


02250204-780 R03 S2



1600iIT4 CAT LP_02250207-735 R01

1.13 COOLING SYSTEM



02250204-780 R03 S3



1600iT4 CAT LP_02250207-735 R01

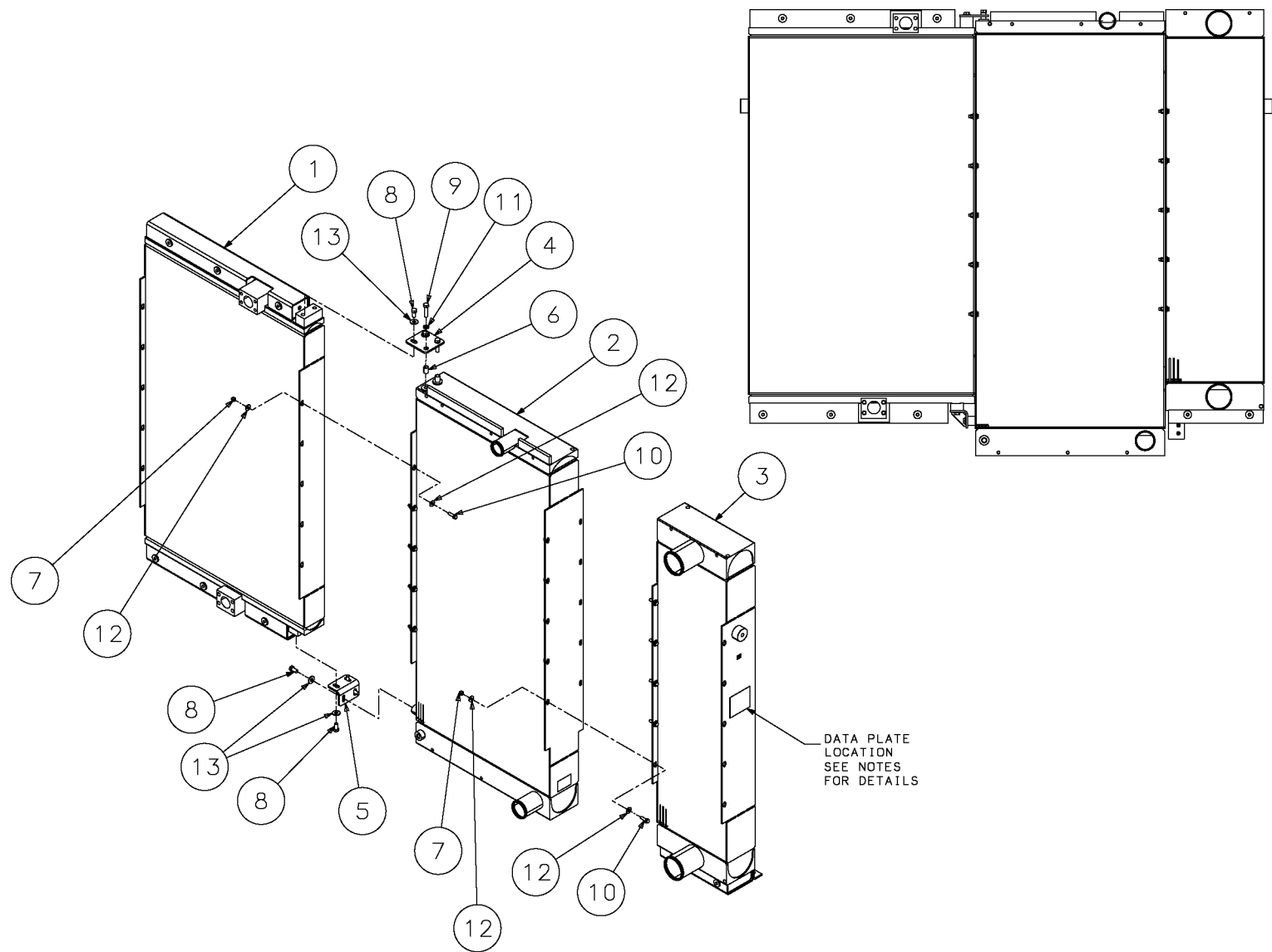
1.13 COOLING SYSTEM

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250084-842	16	CLAMP, T-BOLT SS BAND 4.50"ID	
2	02250109-601	19	WEATHERSTRIP, EPDM SPRINGBACK	
3	02250121-239	2	HOSE, RAD CAT 3" ID X 6" LG	
4	02250138-968	8	CLAMP, HOSE CONST TORQUE 57-79	
5	02250166-711	1	CONN, HOSE BARB 5/16" HOSE X 1/4" NPT	
6	02250202-157	1	TUBE, RAD LOWER 1600F T4	
7	02250202-158	1	TUBE, RAD UPPER 1600F T4	
8	02250202-159	1	TUBE, CAC UPPER 1600F T4	
9	02250202-328	1	CLR, ASSY MAIN 1600F OIL/RAD/AIR	
10	02250202-579	1	SHRD, FAN MAIN 1600F	
11	02250202-580	2	PNL, ACCESS MAIN COOLER PACK 1600F	
12	02250203-818	2	HDL, CLR CLEANOUT PANEL 1600F	
13	02250204-553	1	PNL, VENTURI 1600F	
14	02250204-834	1	BRKT, TOP FAN GUARD	
15	02250204-911	1	BAF, COOLER LS 1600F	
16	02250204-912	1	BAF, COOLER RS 1600F	
17	02250205-053	1	SA, DEAERATION 1600F	
18	02250205-205	1	BAF, COOLER LOWER CS 1600F	
19	02250205-206	1	PLT, HOSE PASSTHRU 1600F	
20	02250205-214	1	BAF, COOLER LOWER SS 1600F	
21	02250206-662	1	SUPT, UPPER RAD 1600F	
22	02250208-233	8	WASHER, 1/2" BELLEVILLE	
23	02250208-234	4	WASHER, PTFE FLAT 1/2"	
24	02250208-266	11	BLT, SHOULDER 3/8X3/8X5/16 UNC	
25	02250208-270	10	WSHR, CLIPPING 3/8 ANTI-ROTATIN	
26	02250208-543	1	PIPE, CAC LOWER 1600F	
27	02250208-548	1	SUPT, FAN GUARD 1600F	
28	02250208-550	1	GD, FAN 1600F	

1.13 COOLING SYSTEM

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	02250209-335	1	TUBE, 2.00 SQ 1600F CS BAF	
30	02250209-476	4	HOSE, BELLOW CAC 4"ID X 6"	
31	250022-436	4	WEATHERSTRIP, 3/16 X 3/8 FT	
32	407749	2	HOSE, RAD UPPER 2-1/2 X 6"	
33	408300-008	1	CLAMP, HOSE 1 3/8" I.D.	
34	825306-347	8	NUT, HEX F PLTD 3/8-16	
35	829705-075	14	SCREW, HEX SER WASHER 5/16-18 X 3/4	
36	829705-100	30	SCREW, HEX SER WASHER 5/16-18 X 1	
37	829705-300	1	SCREW, HEX SER WASHER 5/16-18 X3	
38	829706-075	19	SCREW, HEX SER WASHER 3/8-16 X 3/4	
39	829706-100	8	SCREW, HEX SER WASHER 3/8-16 X 1	
40	830508-062	4	SCREW, MACH SHLD 1/2 X 5/8	
41	838206-071	19	WASHER, PL-B REG PLTD 3/8	
42	838208-112	4	WASHER, PL-B REG PLTD 1/2	
43	838305-071	19	WASHER, PL-B WIDE PLTD 5/16	
44	838306-112	10	WASHER, PL-B WIDE PLTD 3/8	
45	868308-250	1	U-BOLT, 1/2" X 2 1/2" PIPE PLTD	
46	870108-008	2	CONN, STR X JIC 3/4 X 3/4	
47	886220-131	1	ADPT, 1 1/4" HOSE X 1 5/16 SAE STR THD	
NOTES:				
A1	TO ENGINE INLET			
A2	FROM ENGINE TURBO			
A3	TO ENGINE			
A4	TO DRAIN LINES			
A5	TO FRAME			
A6	TO LIFTING BAIL			

1.14 COOLER ASSEMBLY



02250202-328r02

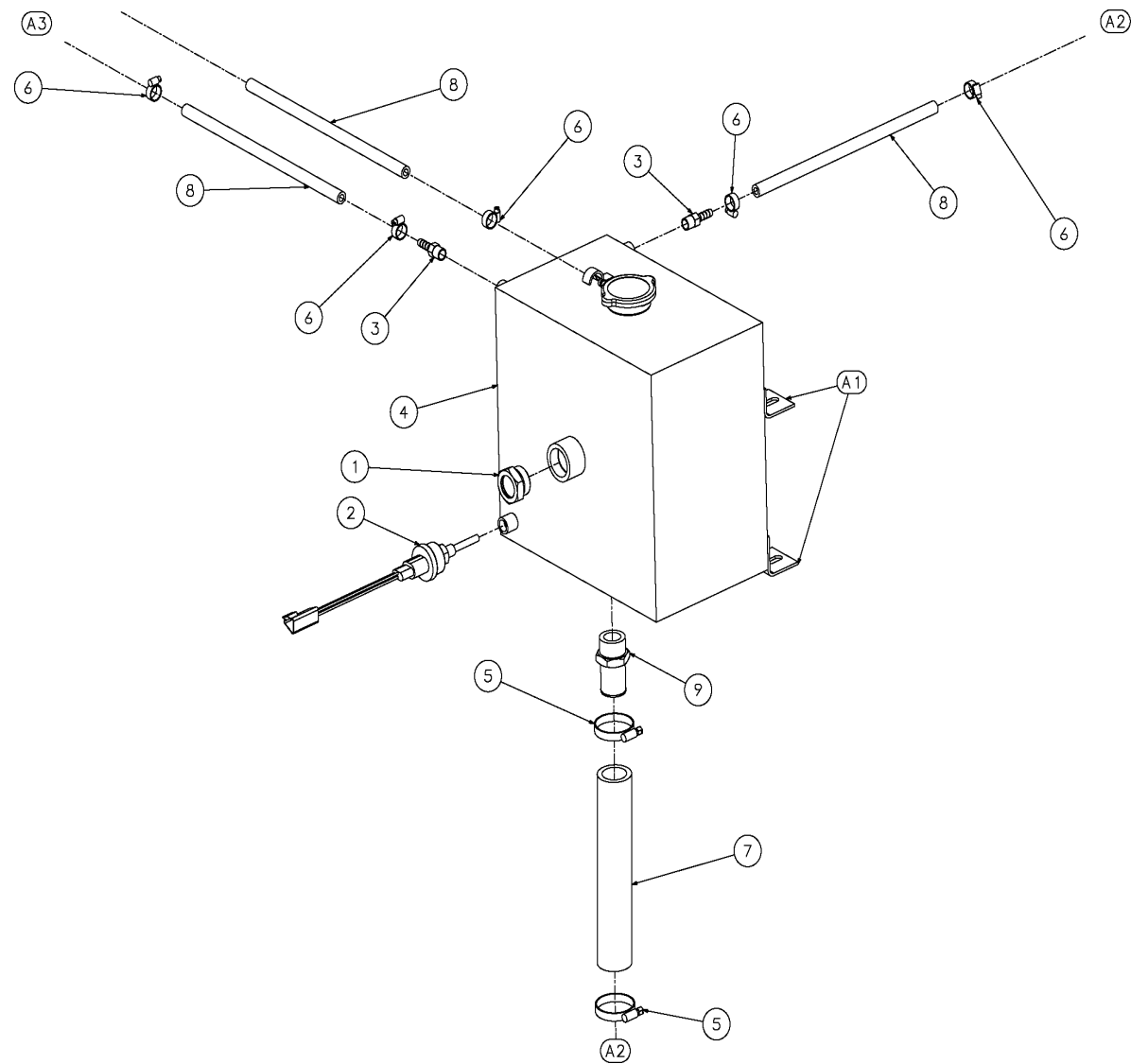


1600iT4 CAT LP_02250207-735 R01

1.14 COOLER ASSEMBLY

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250202-233	1	CLR,OIL 1600F T4	
2	02250202-236	1	CLR, RADIATOR 1600F T4	
3	02250202-238	1	CLR,CHARGE AIR 1600F T4	
4	02250206-925	1	PLT,MOUNTING 1600F COOLERS	
5	02250206-926	1	ANL,MOUNTING 1600F COOLERS	
6	02250206-927	2	SLV,MOUNTING 1600F COLLERS	
7	825506-198	15	NUT, HEX LOCKING 3/8-16	
8	829108-100	6	CAPSCR, HEX GR5 1/2-13 X 1	
9	829108-200	2	CAPSCR, HEX GR5 1/2-13 X 2	
10	829706-125	15	SCREW, HEX SER WASHER 3/8-16 X 1 1/4	
11	837508-125	2	WASHER, SPR LOCK 1/2	
12	838206-071	30	WASHER, PL-B REG PLTD 3/8	
13	838208-112	6	WASHER, PL-B REG PLTD 1/2	
NOTES:				
1.	ALL PARTS SUPPLIED FROM VENDOR WITH HARDWARE.			
2.	INSPECT ALL INDIVIDUAL COMPONENTS CALLED OUT IN THE PARTS LIST PER THEIR LATEST REVISION.			
3.	ALL PORTS TO BE PLUGGED.			
4.	DATA PLATE TO INCLUDE: MANUFACTURING LOCATION, AKG PART NUMBER, SULLAIR PART NUMBER AND REVISION, ORDER NUMBER, MANUFACTURING DATE, MAX PRESSURE AND MAX TEMP.			

1.15 DEAERATION TANK



02250202-827 R00

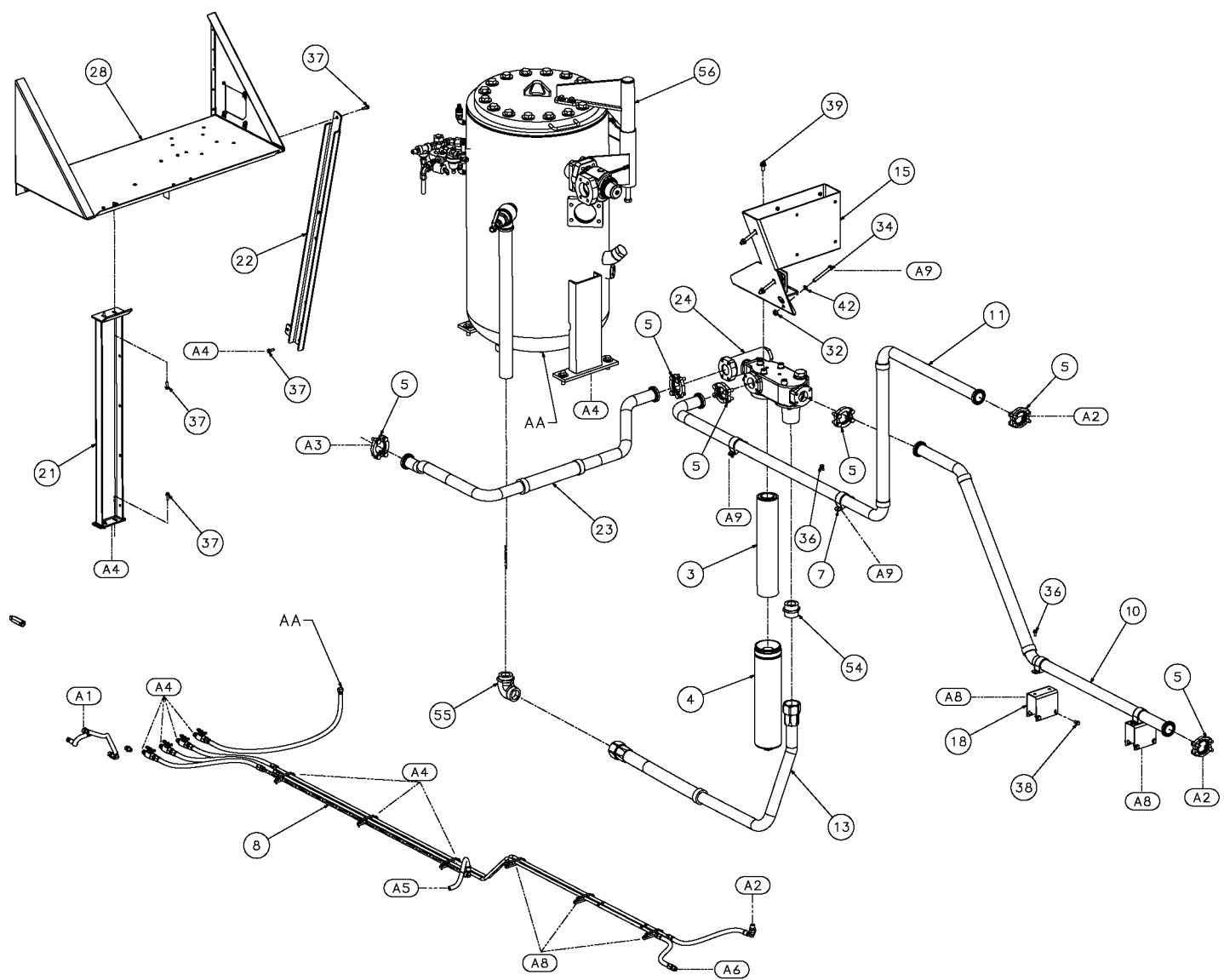


1600iT4 CAT LP_02250207-735 R01

1.15 DEAERATION TANK

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250097-610	1	PLUG, SIGHT GLASS 1 5/16" SAE	
2	02250165-908	1	SNSR, ENGINE COOLANT CAT	
3	02250166-711	2	CONN, HOSE BARB 5/16" HOSE X 1/4" NPT	
4	02250202-828	1	TANK, DEARATION 1600F	
5	040014	2	CLAMP, HOSE 1 5/16" TO 2 1/4" ADJ.	
6	047235	5	CLAMP, HOSE 3/8"	
7	842115-125	5	HOSE, HEATER 1 1/4 (FT)	
8	842315-031	12	HOSE, FUEL LINE 5/16 (FT)	
9	886220-131	1	ADPT, 1 1/4" HOSE X 1 5/16 SAE STR THD	
NOTES:				
A1	LIFTING BAIL			
A2	ENGINE			
A3	RADIATOR			

1.16 DISCHARGE STANDARD AIR

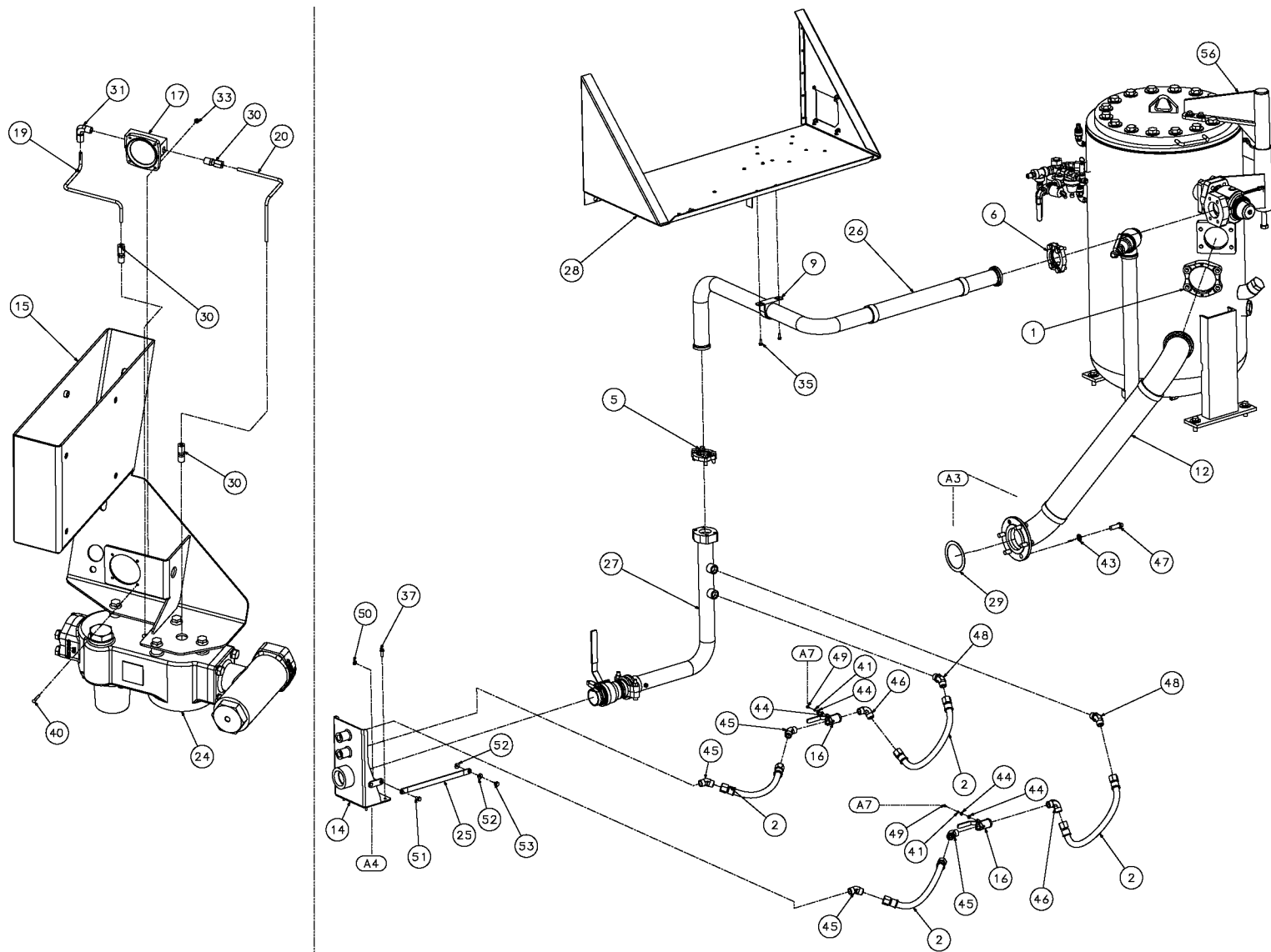


02250204-782 R02 S1



1600iT4 CAT LP_02250207-735 R01

1.16 DISCHARGE STANDARD AIR



02250204-782 R02 S2



1600iT4 CAT LP_02250207-735 R01

1.16 DISCHARGE STANDARD AIR

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250105-533	1	FLANGE, SPLIT 4" SAE J518	
2	02250139-775	4	HOSE, HYD PARKRIMP 3/4 X 21	
3	02250156-345	1	ELEMENT, FILTER CORELESS	
4	02250156-351	1	BOWL, OIL FLTR 1600 FAM TIER 3	
5	02250175-911	7	FLG, 2" SAE J518 SPLIT CE	
6	02250175-919	1	FLG, 2.5" SAE J518 SPLIT CE	
7	02250186-767	4	CLAMP, MT6 W/CUSHION 2" TUBE	
8	02250188-226	1	SA DRAIN LINES 1600F AC/F	
9	02250188-866	1	CLAMP, MTG W/CUSHION 2.5" TUBE	
10	02250202-219	1	PIPE, FLUID-THRM VLV TO CLR 1600F	
11	02250202-220	1	PIPE, FLUID-OIL CLR TO FLTR 1600F	
12	02250202-264	1	PIPE, DISCH-COMPR-SEP 1600F LP	
13	02250202-310	1	HOSE, 2" OIL RETURN 1600F T4	
14	02250202-690	1	SUPT, SERVICE VLVS 1600F T4	
15	02250202-691	1	SUPT, AIR/OIL FILTERS 1600F T4	
16	02250202-701	2	VLV, BALL 3/4"NPT PANEL MNT	
17	02250205-212	1	GA, DIFF PRESSURE	
18	02250205-259	2	SUPT, BRKT LOWER OIL LINE 1600F	
19	02250205-266	1	TUBE, 1/4"SS FORMED1 DP 1600F	
20	02250205-267	1	TUBE, 1/4"SS FORMED2 DP 1600F	
21	02250205-386	1	SUPT, BRKT AC 1600F	
22	02250205-387	1	SUPT, FORMED "C" AC 1600F	
23	02250205-474	1	PIPE, FL OILSTP-SPLY 1600F LP	
24	02250205-562	1	MANF, COMP OIL FILT 1600F 170F	
25	02250206-882	1	CABLE, GROUNDING 14.00 LG	
26	02250208-369	1	PIPE, DISCH UPPER STD 1600F	
27	02250208-520	1	PIPE, DISCH, LOWER STD 1600F	
28	02250209-884	1	SUPT, AFTER CLR LP 1600F ENCL	

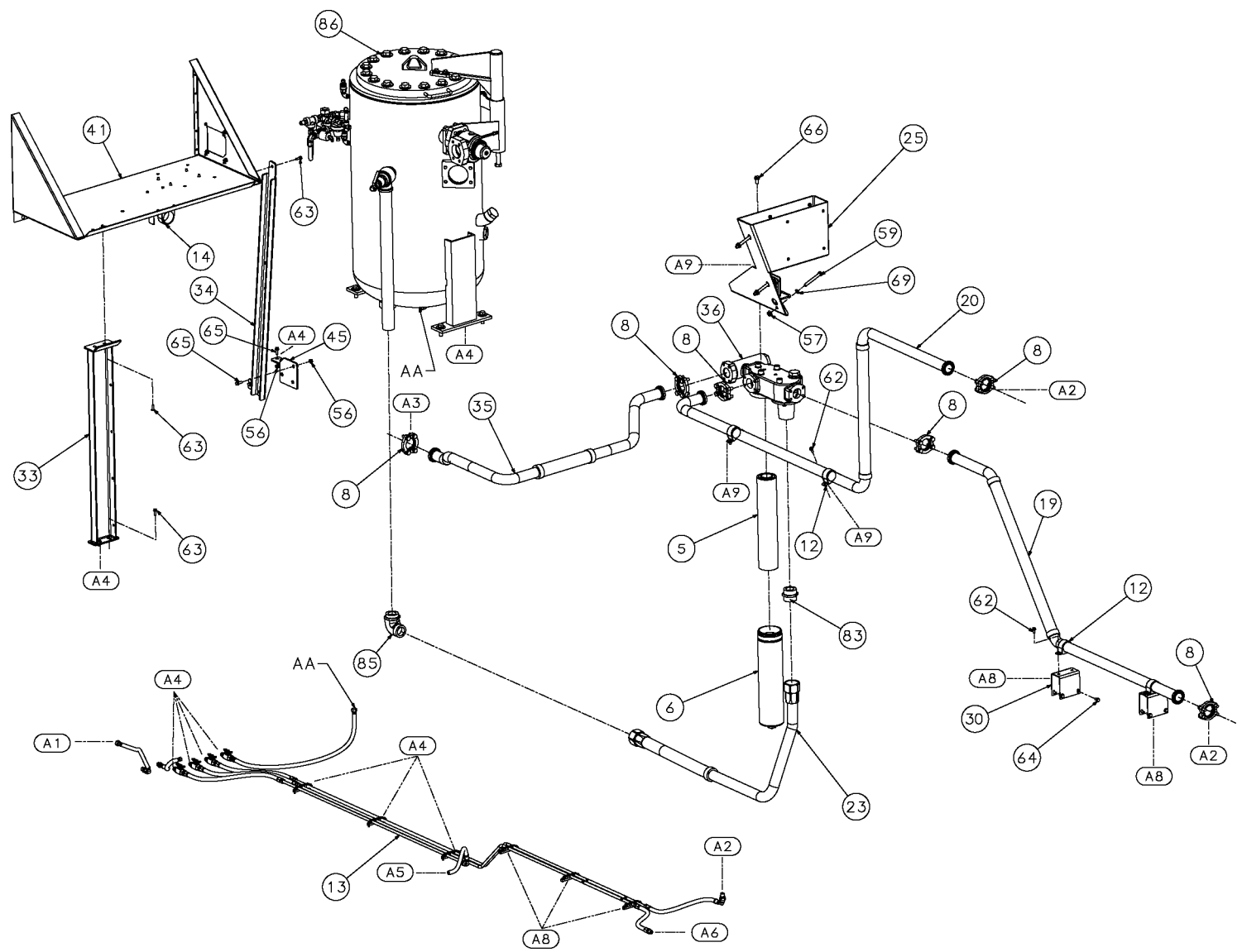
1.16 DISCHARGE STANDARD AIR

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	250014-203	1	GASKET, DISCH PIPE 1250/1600	
30	810204-025	3	CONN, TUBE-M 1/4 X 1/4	
31	810504-025	1	ELBOW, TUBE 90 DEG M 1/4 X 1/4	
32	825308-458	3	NUT, HEX F PLTD 1/2-13	
33	825501-070	4	NUT, HEX LOCKING #8-32	
34	829108-400	3	CAPSCR, HEX GR5 1/2-13 X 4	
35	829704-075	2	SCREW, HEX SER WASHER 1/4-20 X 3/4	
36	829705-075	8	SCREW, HEX SER WASHER 5/16-18 X 3/4	
37	829705-100	10	SCREW, HEX SER WASHER 5/16-18 X 1	
38	829706-075	8	SCREW, HEX SER WASHER 3/8-16 X 3/4	
39	829708-100	4	SCREW, HEX SER WASHER 1/2-13 X 1	
40	831601-100	4	SCREW, MACH-RD HD #8-32 X 1	
41	837802-047	4	WASHER, SPR LOCK REG PLTD #10	
42	837808-125	3	WASHER, SPR LOCK REG PLTD 1/2	
43	837810-156	6	WASHER, SPR LOCK REG PLTD 5/8	
44	838202-045	8	WASHER, PL-B REG PLTD #10	
45	860012-075	4	ELBOW, 37FL 45M 3/4 X 3/4	
46	860212-075	2	ELBOW, 37FL 90M 3/4 X 3/4	
47	867310-175	6	CAPSCR, FERRY HD PLTD 5/8-11 X 1 3/4	
48	870512-012	2	CONN, 45 DEG STR X JIC 1 1/16 X 1 1/16	
49	876002-050	4	SCREW,RND PHILLIPS 10-24 X 1/2"	
50	879505-283	1	NUT, HEX FLGD SS 5/16-18	
51	879905-075	1	SCREW, HX SER WSHR 5/16 X 3/4"	
52	880305-071	2	WSHR, PL B REG SS 5/16"	
53	884305-050	1	SCREW, HEX SER WASHER 5/16-18 X 1/2	
54	884432-250	1	CONN, STR THD/ORFS 2 1/2 X 2 1/2	
55	888732-250	1	ELBOW, ST THD/ORFS 2 1/2 X 2	
56	SEE TABLE	1	SA,REC TANK 1600F	

1.16 DISCHARGE STANDARD AIR

KEY	PART NO.	QTY	DESCRIPTION	NOTES
	RECEIVER TANK TABLE			
	MODEL	SA RECEIVER TANK		
	1450HH	02250204-817		
	1300H, 1600, 1600H	02250204-813		
NOTES:				
A1	TO CONTROL LINES			
A2	TO OIL COOLER			
A3	TO COMPRESSOR			
A4	TO FRAME			
A5	TO ENGINE OIL			
A6	TO RADIATOR			
A7	TO CANOPY			
A8	TO FUEL TANK			
A9	TO LIFTING BALE			

1.17 DISCHARGE AFTERCOOLED/FILTERED

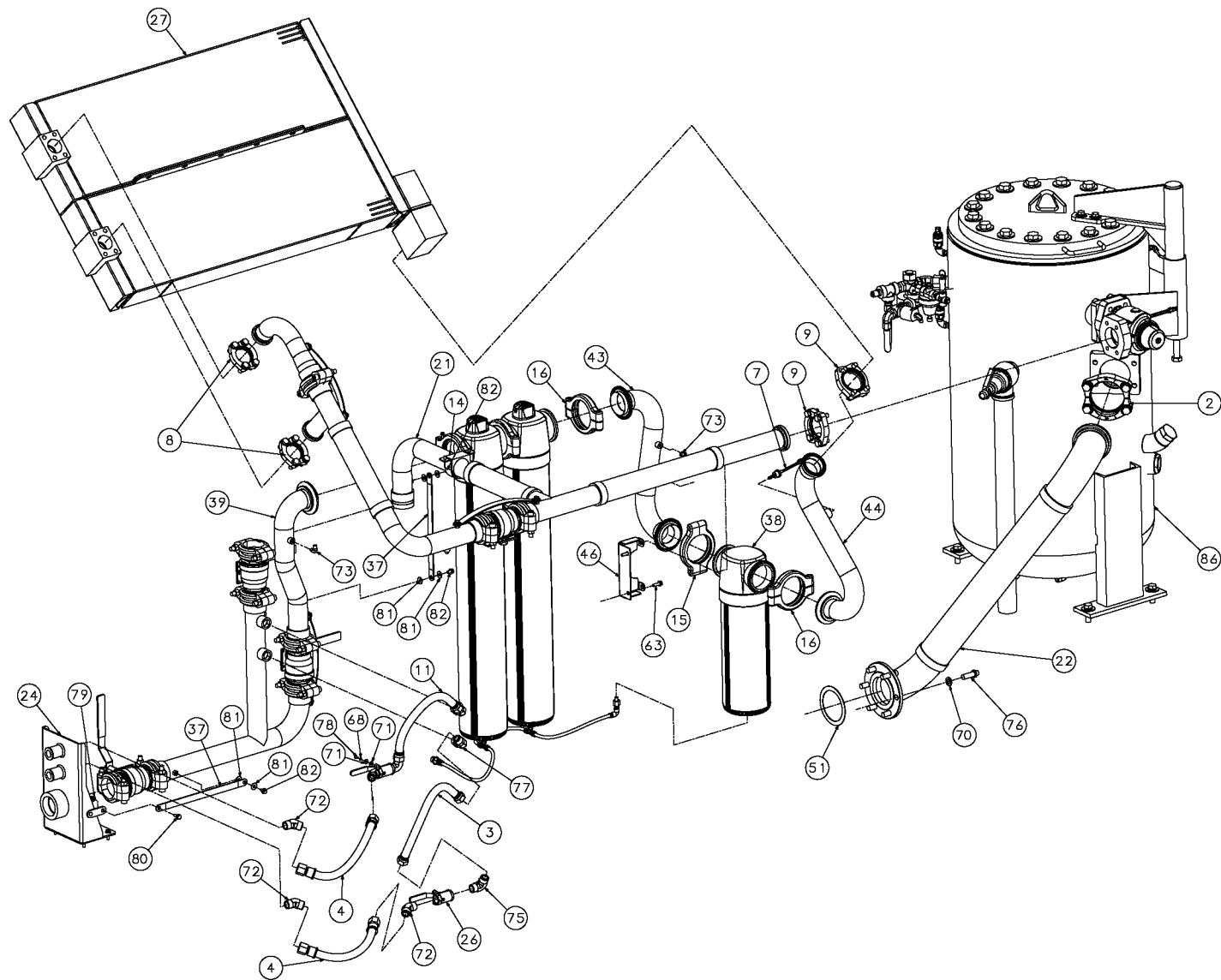


02250204-786 R07 S1



1600i T4 CAT LP_02250207-735 R01

1.17 DISCHARGE AFTERCOOLED/FILTERED

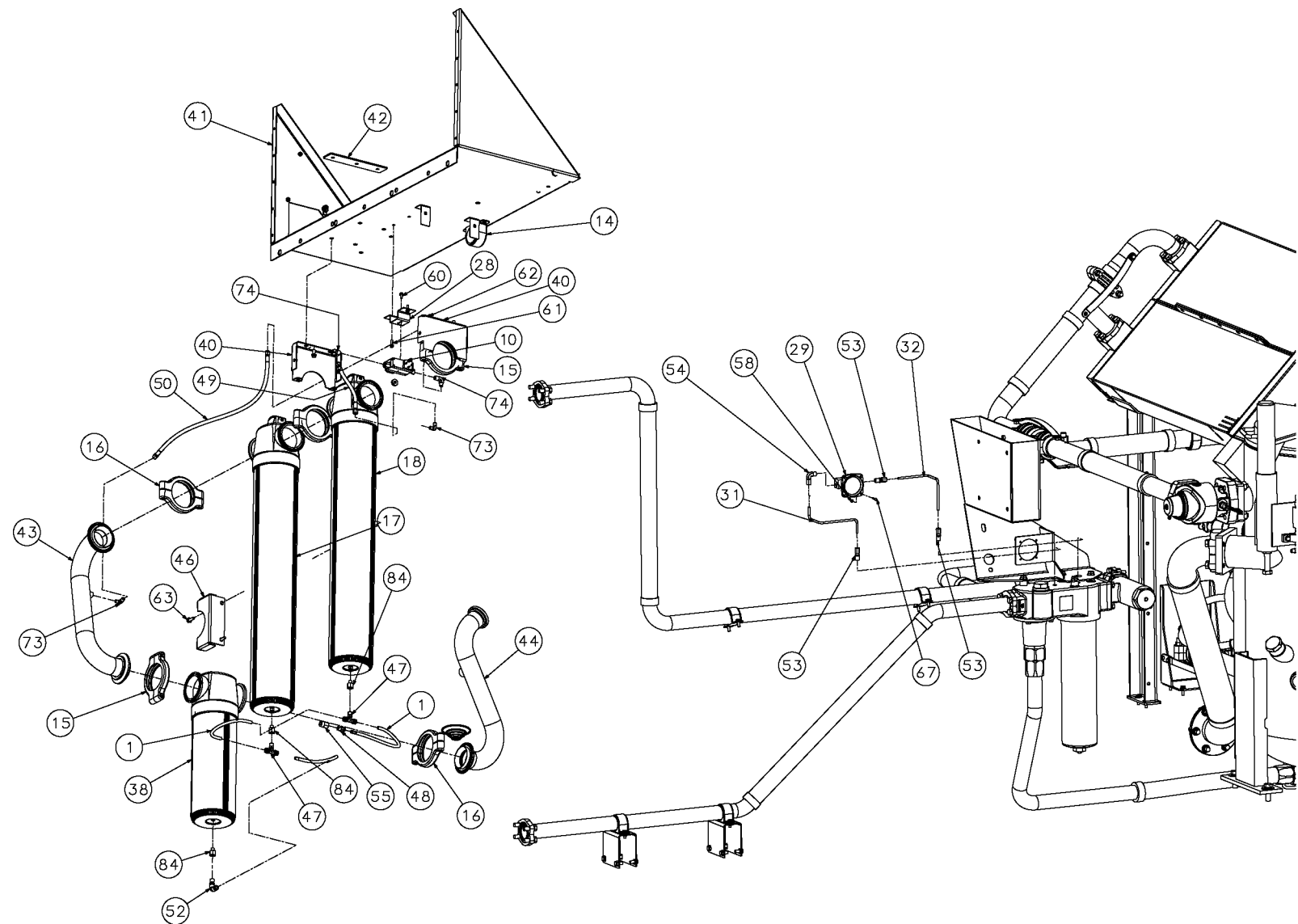


02250204-786 R07 S2



1600iIT4 CAT LP_02250207-735 R01

1.17 DISCHARGE AFTERCOOLED/FILTERED



02250204-786 R07 S3



1600iT4 CAT LP_02250207-735 R01

1.17 DISCHARGE AFTERCOOLED/FILTERED

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250099-630	3	TUBE, NYLON .375"OD X .050W BLACK (FT)	
2	02250105-533	1	FLG,4" SAE J518 CODE 61	
3	02250114-606	1	HOSE, HYD PARKRIMP, 3/4 X 16" OAL	
4	02250139-775	2	HOSE, HYD PARKRIMP 3/4 X 21	
5	02250156-345	1	ELEMENT, FILTER CORELESS	
6	02250156-351	1	BOWL, OIL FLTR 1600 FAM TIER 3	
7	02250161-277	1	SNSR, TEMP THERMISTOR BRASS	
8	02250175-911	8	FLG, 2" SAE J518 SPLIT CE	
9	02250175-919	2	FLG, 2.5" SAE J518 SPLIT CE	
10	02250176-957	1	SW, DIFF PRESS 750B/1600C AF	
11	02250180-389	1	HOSE, MP 5/8 ID X 15 OAL FSTR-FSTR	
12	02250186-767	4	CLAMP, MT6 W/CUSHION 2" TUBE	
13	02250188-226	1	SA DRAIN LINES 1600F AC/F	
14	02250188-866	1	CLAMP, MTG W/CUSHION 2.5" TUBE	
15	02250193-544	3	CLP, FLTRS CONNECTION-CLPS	
16	02250193-550	2	KIT, BRKT FX-925-1600 MNTG	
17	02250195-185	1	FLTR, FFX-1600 3" NPT GENERAL PURPOSE FILTER	
18	02250195-189	1	FLTR, FXH-1600 3" NPT	
19	02250202-219	1	PIPE, FLUID-THRM VLV TO CLR 1600F	
20	02250202-220	1	PIPE, FLUID-OIL CLR TO FLTR 1600F	
21	02250202-222	1	PIPE, DISCH-MPV-AFTCLR 1600F	
22	02250202-264	1	PIPE, DISCH-COMPR-SEP 1600F LP	
23	02250202-310	1	HOSE, 2" OIL RETURN 1600F T4	
24	02250202-690	1	SUPT, SERVICE VLVS 1600F T4	
25	02250202-691	1	SUPT, AIR/OIL FILTERS 1600F T4	
26	02250202-701	2	VLV, BALL 3/4"NPT PANEL MNT	
27	02250202-703	1	COOLER, AIR/AIR L.P. 1600F TIER4	
28	02250203-498	1	SUPT, DELTA P SWITCH 1600F	

1.17 DISCHARGE AFTERCOOLED/FILTERED

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	02250205-212	1	GA,DIFF PRESSURE	
30	02250205-259	2	SUPT,BRKT LOWER OIL LINE 1600F	
31	02250205-266	1	TUBE,1/4"SS FORMED1 DP 1600F	
32	02250205-267	1	TUBE,1/4"SS FORMED2 DP 1600F	
33	02250205-386	1	SUPT,BRKT AC 1600F	
34	02250205-387	1	SUPT,FORMED "C" AC 1600F	
35	02250205-474	1	PIPE,FL OILSTP-SPLY 1600F LP	
36	02250205-562	1	MANF, COMP OIL FILT 1600F 170F	
37	02250206-882	2	CABLE,GROUNDING 14.00 LG	
38	02250208-561	1	SEP,WTR CS-1600 3" AFD	
39	02250209-868	1	PIPE ASSY,1600F LP ACF	
40	02250209-873	2	SUPT,BRKT FILTER/TRAP LP 1600F	
41	02250209-884	1	SUPT, AFTER CLR LP 1600F ENCL	
42	02250209-898	2	SUPT,BRKT1600F FILTER/TRAP BACKING PLATE	
43	02250210-301	1	PIPE,ASSY 2.50OD 1600F DISCH	
44	02250210-302	1	PIPE ASSY,2.50OD 1600F DISCH	
45	02250210-305	1	SUPT,BRKT AC 1600F	
46	02250210-308	1	SUPT,BRKT FILTER/TRAP LP 1600F	
47	02250210-338	2	TEE,TUBE 1/4MNPT X 3/8ID	
48	02250210-342	1	CONN,TUBE-M 1/4 X 3/8	
49	249604-012	1	HOSE, MED PRESS 0.25 X 012"	
50	249604-019	1	HOSE, MED PRESS 0.25 X 030"	
51	250014-203	1	GASKET, DISCH PIPE 1250/1600	
52	250025-852	1	ELBOW, 90DEG M SWVL 3/8 T X1/4	
53	810204-025	3	CONN, TUBE-M 1/4 X 1/4	
54	810504-025	1	ELBOW, TUBE 90 DEG M 1/4 X 1/4	
55	811504-025	1	ADAPTER, FEMALE PIPE 1/2 X 1/4	
56	825306-347	5	NUT, HEX F PLTD 3/8-16	

1.17 DISCHARGE AFTERCOOLED/FILTERED

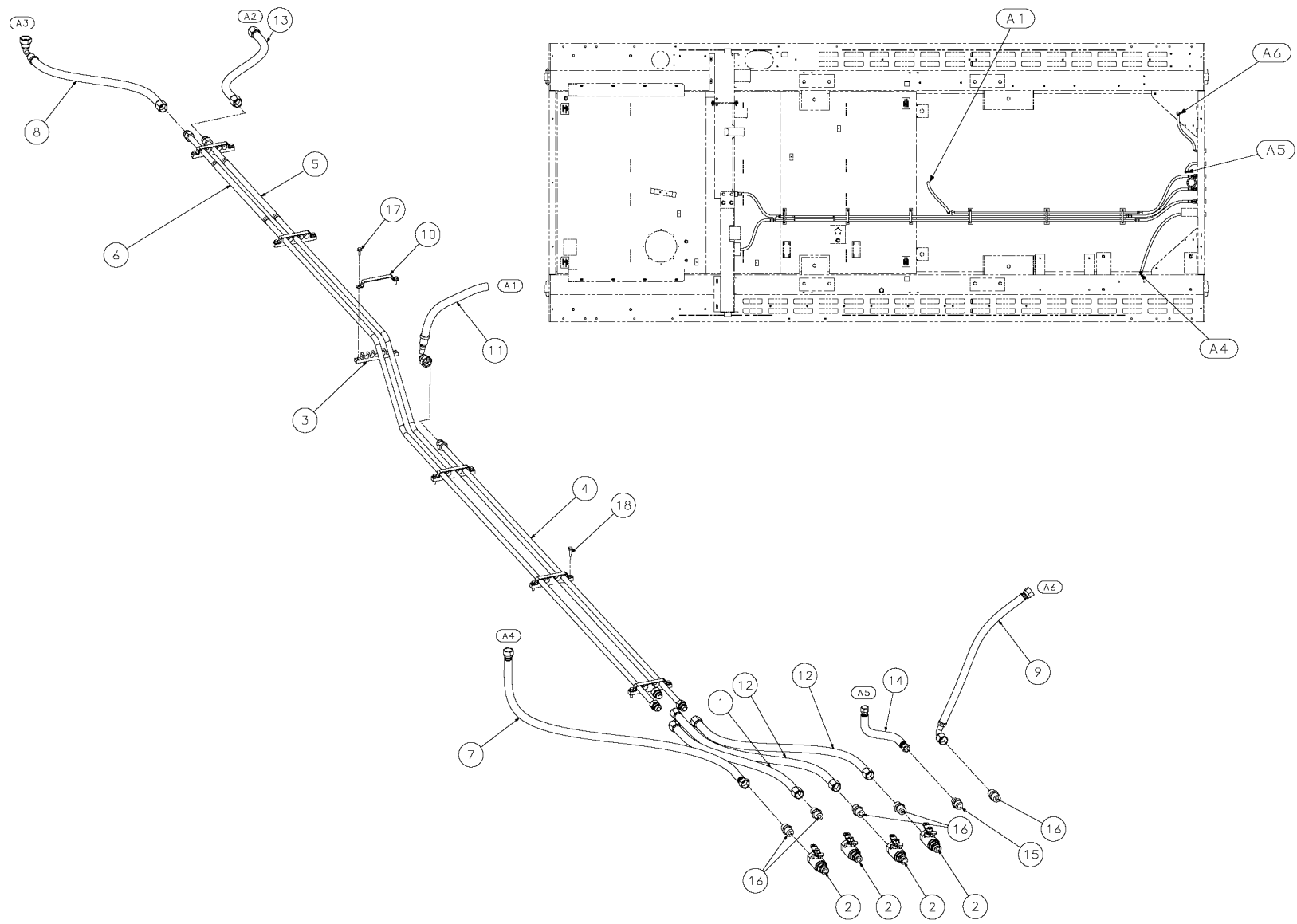
KEY	PART NO.	QTY	DESCRIPTION	NOTES
57	825308-458	3	NUT, HEX F PLTD 1/2-13	
58	825501-070	4	NUT, HEX LOCKING #8-32	
59	829108-400	3	CAPSCR, HEX GR5 1/2-13 X 4	
60	829704-050	4	SCREW, HEX SER WASHER 1/4-20 X 1/2	
61	829704-075	2	SCREW, HEX SER WASHER 1/4-20 X 3/4	
62	829705-075	12	SCREW, HEX SER WASHER 5/16-18 X 3/4	
63	829705-100	11	SCREW, HEX SER WASHER 5/16-18 X 1	
64	829706-075	8	SCREW, HEX SER WASHER 3/8-16 X 3/4	
65	829706-100	5	SCREW, HEX SER WASHER 3/8-16 X 1	
66	829708-100	4	SCREW, HEX SER WASHER 1/2-13 X 1	
67	831601-100	4	SCREW, MACH-RD HD #8-32 X 1	
68	837802-047	4	WASHER, SPR LOCK REG PLTD #10	
69	837808-125	3	WASHER, SPR LOCK REG PLTD 1/2	
70	837810-156	6	WASHER, SPR LOCK REG PLTD 5/8	
71	838202-045	8	WASHER, PL-B REG PLTD #10	
72	860012-075	4	ELBOW, 37FL 45M 3/4 X 3/4	
73	860204-012	2	ELBOW, 37FL 90M 1/4 X 1/8	
74	860204-025	2	ELBOW, 37FL 90M 1/4 X 1/4	
75	860212-075	2	ELBOW, 37FL 90M 3/4 X 3/4	
76	867310-175	6	CAPSCR, FERRY HD PLTD 5/8-11 X 1 3/4	
77	870612-012	2	CONN, 90D STR X JIC 1 1/16 X 1 1/16	
78	876002-050	4	SCREW,RND PHILLIPS 10-24 X 1/2"	
79	879505-283	1	NUT, HEX FLGD SS 5/16-18	
80	879905-075	1	SCREW, HX SER WSHR 5/16 X 3/4"	
81	880305-071	6	WSHR, PL B REG SS 5/16"	
82	884305-050	3	SCREW, HEX SER WASHER 5/16-18 X 1/2	
83	884432-250	1	CONN, STR THD/ORFS 2 1/2 X 2 1/2	
84	886804-002	3	ADPT,1/4F X 1/8M BRS	

1.17 DISCHARGE AFTERCOOLED/FILTERED

KEY	PART NO.	QTY	DESCRIPTION	NOTES
85	888732-250	1	ELBOW, ST THD/ORFS 2 1/2 X 2	
86	SEE TABLE	1	SA,REC TANK 1600F	
NOTES:				
A1	TO CONTROL LINES			
A2	TO OIL COOLER			
A3	TO COMPRESSOR			
A4	TO FRAME			
A5	TO ENGINE OIL			
A6	TO RADIATOR			
A8	TO FUEL TANK			
A9	TO LIFTING BAIL			

RECEIVER TANK TABLE	
MODEL	SA RECEIVER TANK
1450HH	02250204-817
1300H,1600, 1600H	02250204-813

1.18 DRAIN LINES AFTERCOOLED/FILTERED



02250205-366 R00

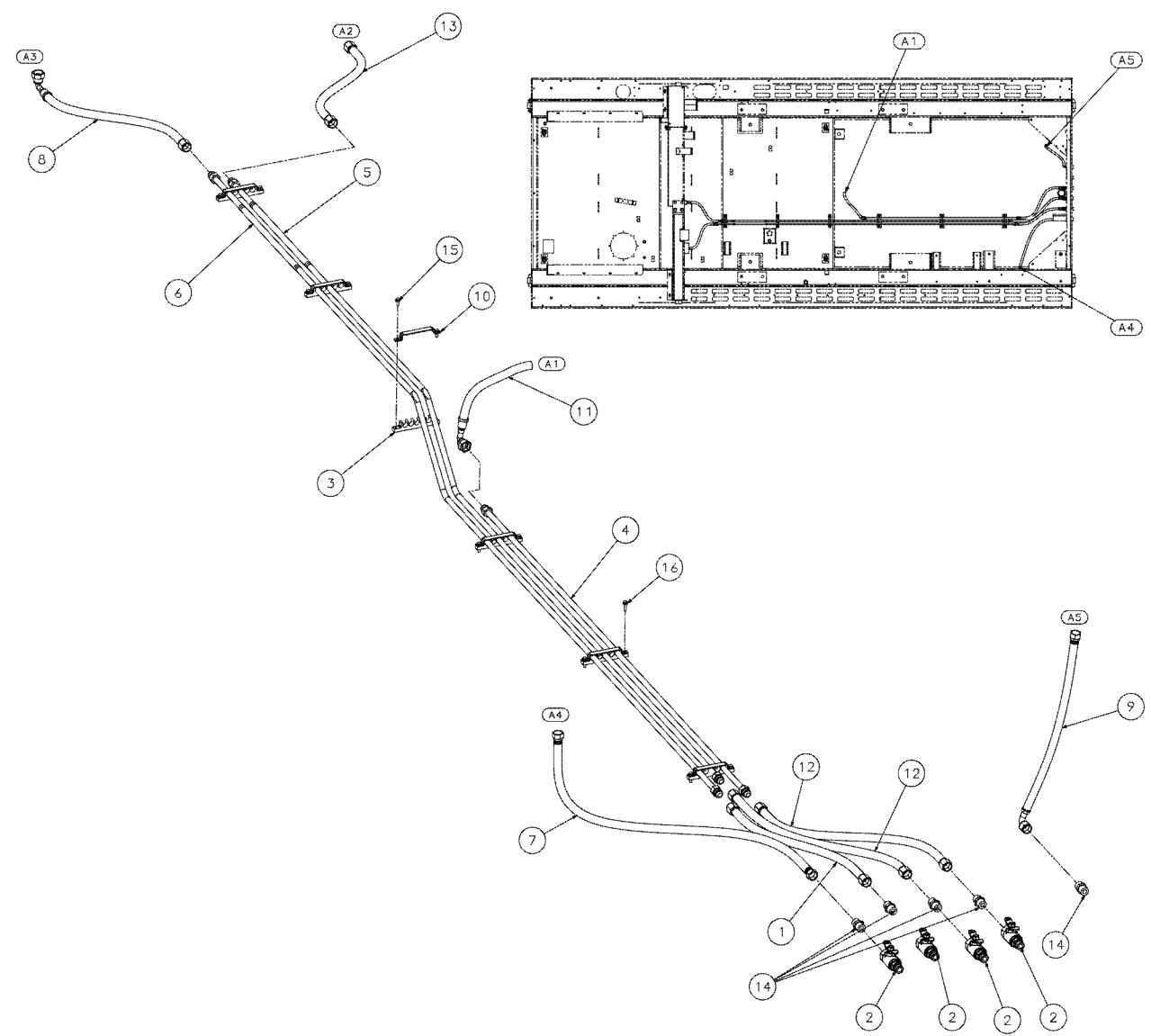


1600iT4 CAT LP_02250207-735 R01

1.18 DRAIN LINES AFTERCOOLED/FILTERED

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250056-579	1	HOSE, MP 0.50 X 019"	
2	02250189-468	4	VLV, BALL 3/4-16 M/F STR THD	
3	02250202-634	6	TUBE RACK 1/2", 5 POS 1600F	
4	02250202-635	1	HOSE, TUBE ASY ENGOIL DRN 1600F	
5	02250202-636	1	HOSE, TUBE ASY RAD DRN 1600F	
6	02250202-637	1	HOSE, TUBE ASY OILCLR DRN 1600F	
7	02250203-455	1	HOSE, HP 13/32ID X 31 OAL	
8	02250203-457	1	HOSE, MP 13/32ID X 19 OAL	
9	02250203-458	1	HOSE, MP 13/32ID X 25.5 OAL	
10	02250205-052	6	STRAP, TIE-DOWN DRAIN LINES 1600F	
11	02250205-517	1	HOSE, LP 3/4ID x 16.00 OAL	
12	249608-005	2	HOSE, MED PRESS 0.50 X 024"	
13	249608-014	1	HOSE, MED PRESS 0.50 X 017"	
14	249608-022	1	HOSE, MED PRESS 0.50 X 009"	
15	870106-008	1	CONN, STR X JIC 9/16 X 3/4	
16	870108-008	5	CONN, STR X JIC 3/4 X 3/4	
17	884302-050	6	SCREW, HEX SER WASHER #10-24 X 1/2	
18	884302-075	6	SCREW, HEX SER WASHER #10-24 X 3/4	
EXPLODED VIEW NOTES:				
A1	ENGINE OIL DRAIN			
A2	RADIATOR DRAIN			
A3	OIL COOLER DRAIN			
A4	SEPERATOR TANK DRAIN			
A5	MOISTURE SEPERATOR DRAIN			
A6	CONTROL LINE SEPERATOR DRAIN			

1.19 DRAIN LINES STANDARD AIR



02250207-781 R00

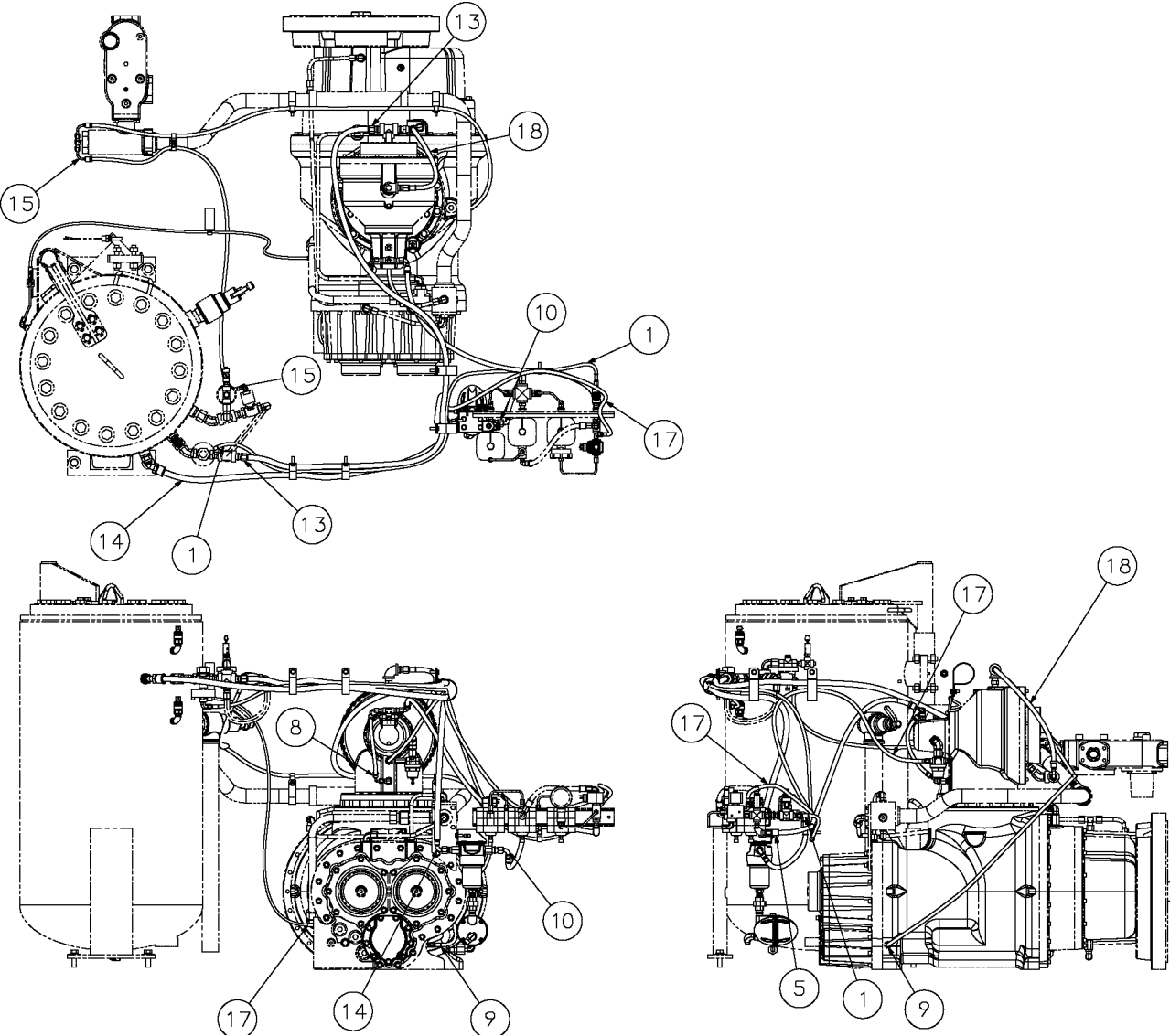


1600iT4 CAT LP_02250207-735 R01

1.19 DRAIN LINES STANDARD AIR

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250056-579	1	HOSE, MP 0.50 X 019"	
2	02250189-468	4	VLV, BALL 3/4-16 M/F STR THD	
3	02250202-634	6	TUBE RACK 1/2", 5 POS 1600F	
4	02250202-635	1	HOSE, TUBE ASY ENGOIL DRN 1600F	
5	02250202-636	1	HOSE, TUBE ASY RAD DRN 1600F	
6	02250202-637	1	HOSE, TUBE ASY OILCLR DRN 1600F	
7	02250203-455	1	HOSE, MP 13/32ID X 31 OAL	
8	02250203-457	1	HOSE, MP 13/31ID X 19 OAL	
9	02250203-458	1	HOSE, MP 13/32ID X 25.5 OAL	
10	02250205-052	6	STRAP, TIE-DOWN DRAIN LINES 1600F	
11	02250205-517	1	HOSE, LP 3/4ID x 16.00 OAL	
12	249608-005	2	HOSE, MED PRESS 0.50 X 024"	
13	249608-014	1	HOSE, MED PRESS 0.50 X 017"	
14	870108-008	5	CONN, STR X JIC 3/4 X 3/4	
15	884302-050	6	SCREW, HEX SER WASHER #10-24 X 1/2	
16	884302-075	6	SCREW, HEX SER WASHER #10-24 X 3/4	
EXPLODED VIEW NOTES:				
A1:	ENGINE OIL DRAIN			
A2:	RADIATOR DRAIN			
A3:	OIL COOLER DRAIN			
A4:	SEPARATOR TANK DRAIN			
A5:	CONTROL LINE SEPARATOR DRAIA			

1.20 CONTROL LINES

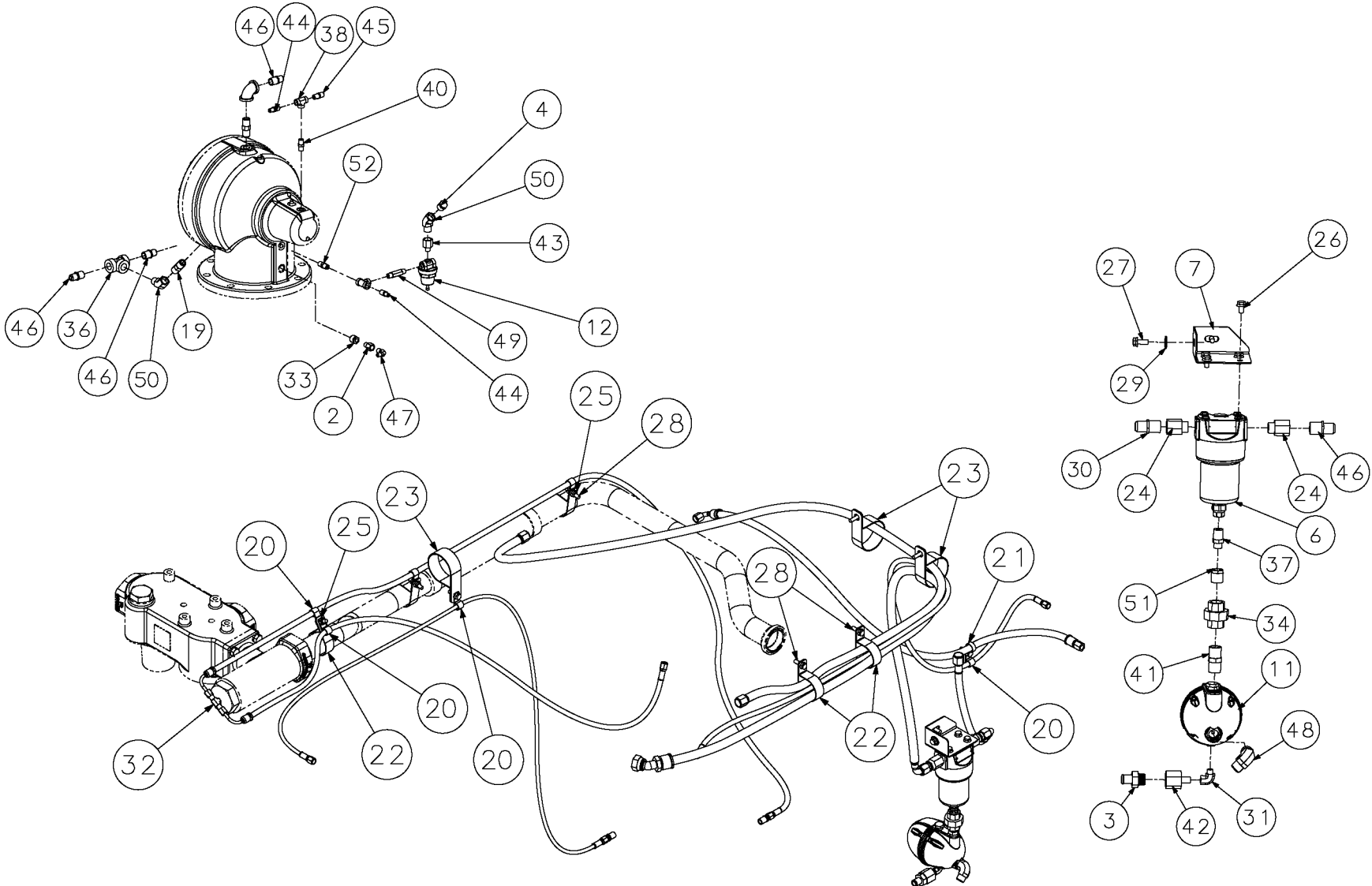


02250204-790 R01 S1



1600iT4 CAT LP_02250207-735 R01

1.20 CONTROL LINES



02250204-790 R01 S2

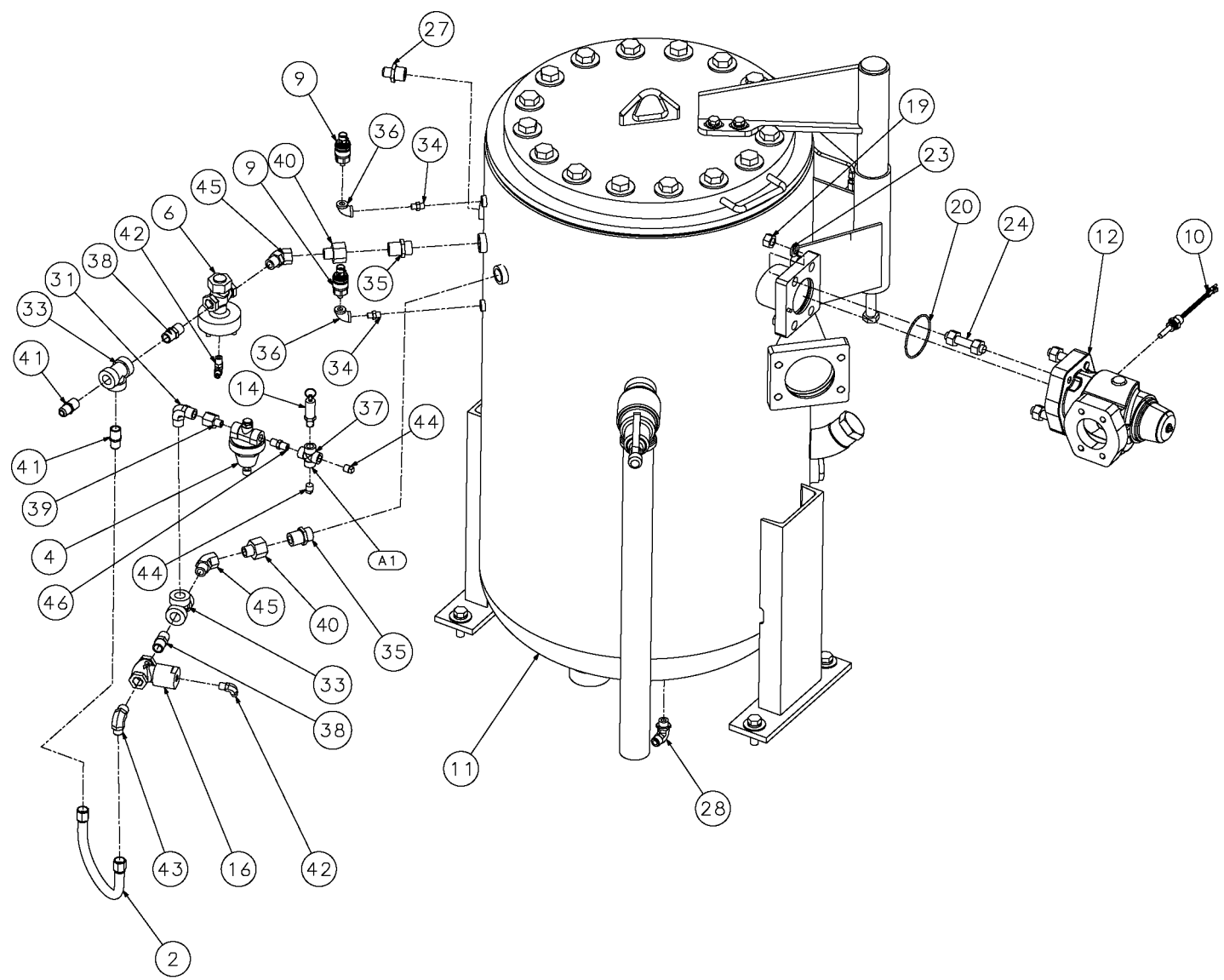
1.20 CONTROL LINES

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250083-911	1	HOSE, MED PRESS 0.25 X 84"	
2	02250118-588	1	ORF, .109 .25 FNPT X .25 MNPT	
3	02250177-852	1	VLV,CAC DRAIN VALVE	
4	02250185-262	1	FLTR,FUEL TANK VENT 1/2NPT	
5	02250190-949	1	HOSE,MP 5/16 ID X 58 OAL	
6	02250200-150	1	FLTR,COALESCING	
7	02250202-765	1	SUPT, BRKT SEPERATOR 1600F	
8	02250205-867	1	HOSE,ASSY MP 3/16ID X 13.00OAL	
9	02250205-870	1	HOSE,ASSY MP 3/16ID X 92.75 OA	
10	02250205-876	1	HOSE,ASSY MP 13/32ID X 23.0OAL	
11	02250207-161	1	DRN, EXTERNAL FLOAT 1/2"	
12	02250207-992	1	VALVE,PRESSURE REGULATOR	
13	02250208-109	1	HOSE,HP 13/32"ID X 87 OAL	
14	02250208-112	1	HOSE,ASSYMP 13/32" ID X 69" OAL	
15	02250208-113	1	HOSE,MP 3/16ID X 57 OAL	
16	02250208-780	1	ORF,.250 1/2"M X 1/2"M	
17	249604-033	2	HOSE,MP 3/16" ID X 75 OAL	
18	249608-007	1	HOSE, MED PRESS 0.50 X 029"	
19	250025-294	1	ORIFICE, .187 .50M X .50M	
20	408300-001	6	CLAMP, HOSE 9/16"ID	
21	408300-004	1	CLAMP, HOSE 7/8"I.D.	
22	408300-009	5	CLAMP, HOSE 1 13/16" I.D.	
23	408300-010	3	CLAMP, HOSE 2 3/8" I.D.	
24	811504-050	2	ADAPTER, FEMALE PIPE 1/2 X 1/2	
25	825305-283	4	NUT, HEX F PLTD 5/16-18	
26	829705-050	4	SCREW, HEX SER WASHER 5/16-18 X 1/2	
27	829705-075	2	SCREW, HEX SER WASHER 5/16-18 X 3/4	
28	829705-100	9	SCREW, HEX SER WASHER 5/16-18 X 1	

1.20 CONTROL LINES

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	838205-071	2	WASHER, PL-B REG PLTD 5/16	
30	860108-050	1	CONN, 37 FL/MPT PLTD 1/2 X 1/2	
31	860702-012	1	ELBOW, PIPE 90M/F 1/8 x 1/8	
32	861704-025	1	TEE, 37FL M BR 1/4 X 1/4	
33	868902-010	1	BUSHING, RED HEX PLTD 1/2 X 1/4	
34	871715-020	1	UNION, PIPE ST. STEEL 1/2" 150	
35	876630-020	1	ELBOW, PIPE 90 DEG 1/2" 300# SS	
36	876730-020	1	TEE, PIPE 300# 1/2 SS	
37	877206-038	1	ADPT, PIPE MALE 9/16 ORNG X 3/8	
38	878225-025	1	TEE, FEMALE PIPE BRASS 1/4"	
39	878900-010	1	TEE, PIPE 1/4" 2000# SS	
40	881304-025	1	NIPPLE, PIPE-HX BRASS 1/4 X 1/4	
41	881308-050	1	NIPPLE, PIPE-HX BRASS 1/2 X 1/2	
42	886808-002	1	ADPT, NPTM/NPTF 1/8 X 1/2	
43	886808-004	1	ADPT, 1/2F X 1/4M BRS	
44	889104-025	4	CONN, 37 FL/MPT SS 1/4 X 1/4	
45	889106-025	1	CONN, 37 FL/MPT SS 3/8 X 1/4	
46	889108-050	4	CONN, 37 FL/MPT SS 1/2 X 1/2	
47	889304-025	1	ELBOW, 37FL 90M SS 1/4 X 1/4	
48	889308-050	1	ELBOW, 37FL 90M SS 1/2 X 1/2	
49	895804-250	1	NIPPLE, PIPE HXL BRASS 1/4 X 2.5	
50	898108-050	2	ELBOW, PIPE 45F 1/2 X 1/2 BRASS	
51	898202-015	1	BUSHING, RED BRASS 1/2 X 3/8	
52	898704-025	1	NIPPLE, PIPE-HEX 1/4 X 1/4 SS	

1.21 RECEIVER TANK 210 PSI

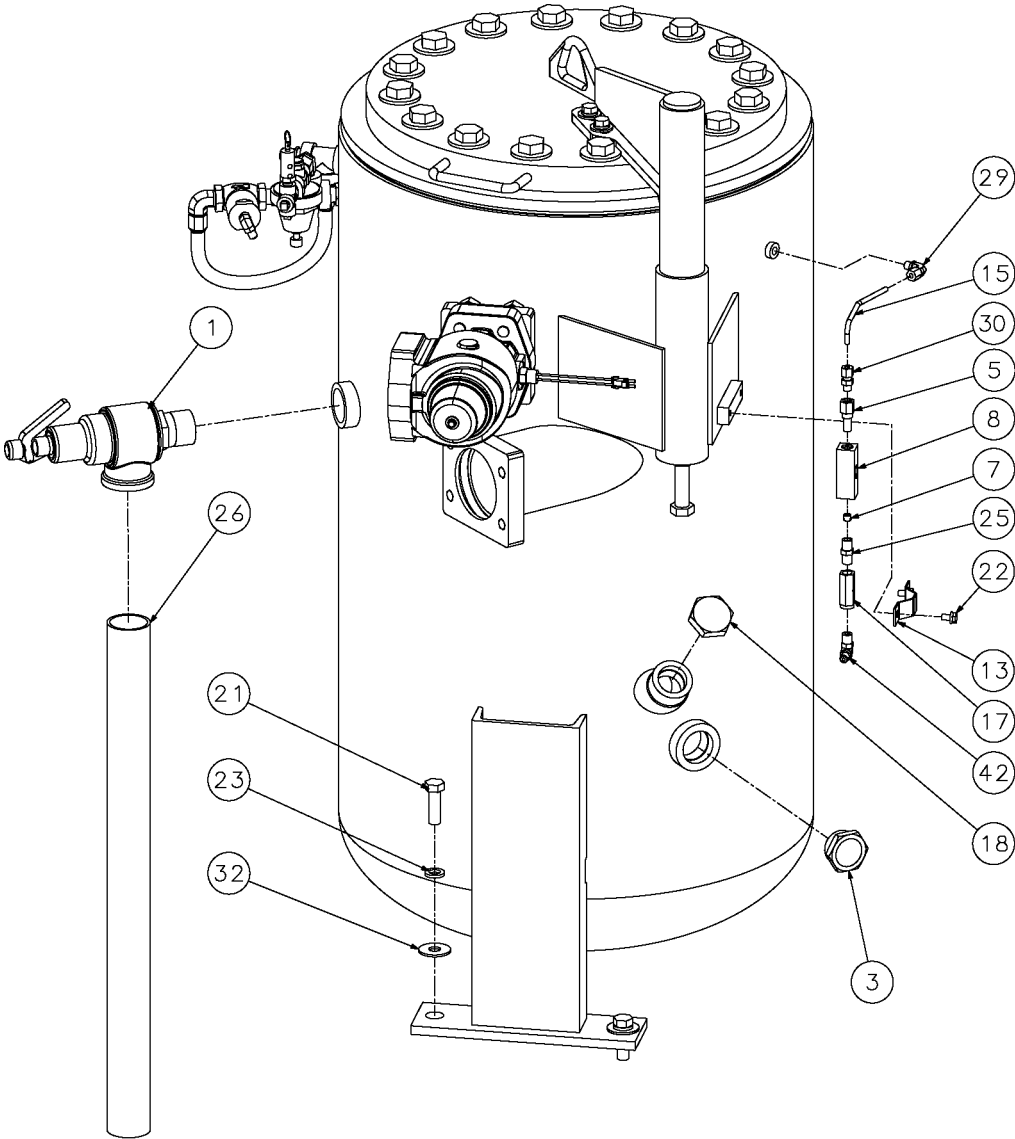


02250204-815 R04 S1



1600iT4 CAT LP_02250207-735 R01

1.21 RECEIVER TANK 210 PSI



02250204-815 R04 S2



1600iT4 CAT LP_02250207-735 R01

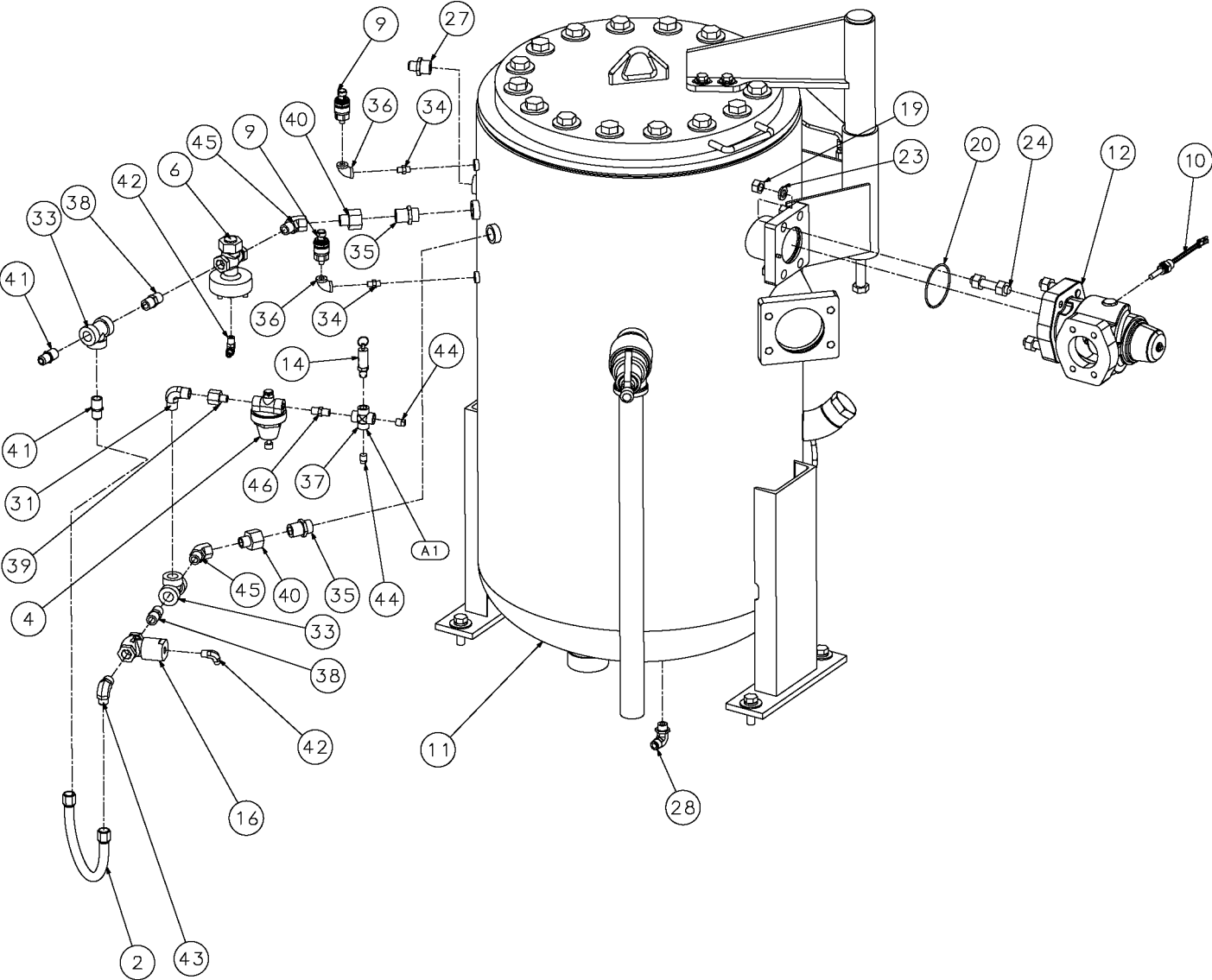
1.21 RECEIVER TANK 210 PSI

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250048-966	1	VLV,RLF 1 1/2 0-210 PSI 1600 CFM	
2	02250056-579	1	HOSE,MP 0.50 X 019"	
3	02250097-611	1	PLUG, SIGHT GLASS 1-7/8" SAE	
4	02250115-268	1	VALVE, PRESSURE REGULATOR	
5	02250117-782	1	FILTER, ASSEMBLY SCREEN FILTER	
6	02250120-888	1	VLV,BLWDN N.C. 8:1 RATIO	
7	02250125-776	1	ORF,PLUG BRASS 1/8"NPT x 3/32"	
8	02250126-129	1	SIGHTGLASS, ORF BLOCK SAE	
9	02250141-442	2	SNSR, PRESS 225PSIG 1-5VDC	
10	02250159-102	1	SW,HTM 250 DEG F - 3/4"-16 SAE	
11	02250202-109	1	TANK, AIR-OIL SEP 250PSIG-1900CFM US	
12	02250203-295	1	VALVE, MIN PRESS CHK L.P. 2 1/2" SAE	
13	02250205-324	1	SUPT,BRKT RETURN LINE DISC SYS 1600F	
14	02250205-518	1	VLV,PRESSURE RELIEF 150PSI, 125 CFM	
15	02250209-287	1	TUBE,1/4OD FORMED	
16	045114	1	VALVE, PNEU(NO)500#-SHTDN BDV	
17	045244	1	VALVE, INLINE CHECK(1/4"NPT)DC	
18	250042-627	1	PLUG,STR THD 1 5/8-12 SAE VIT	
19	825210-559	4	NUT, HEX PLTD 5/8-11	
20	826502-237	1	O-RING, VITON 3 3/8 X 1/8"	
21	829110-200	4	CAPSCR, HEX GR5 5/8-11 X 2	
22	829705-050	2	SCREW, HEX SER WASHER 5/16-18 X 1/2	
23	837810-156	8	WASHER, SPR LOCK REG PLTD 5/8	
24	842810-035	4	STUD, WITH 2 NUTS 5/8-11X3 1/2	
25	868504-025	1	NIPPLE, PIPE-HX PLTD 1/4 X 1/4	
26	869532-300	1	NIPPLE, HALF-PLTD 2 X 30	
27	870108-012	1	CONN, STR X JIC 1 1/16 X 3/4	
28	870608-008	1	CONN, 90D STR X JIC 3/4 X 3/4	

1.21 RECEIVER TANK 210 PSI

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	870804-044	1	ELB, TB-M STR THD SS 1/4 X 7/16	
30	870904-044	1	CONN, TB-M STR THD SS 1/4 X 7/16	
31	872208-050	1	ELBOW, PIPE-90M 1/2 X 1/2 SS	
32	875110-112	4	WASHER, PL-B HARDENED PLTD 5/8	
33	876730-020	2	TEE, PIPE 300# 1/2 SS	
34	877202-012	2	ADPT, PIPE MALE 7/16 ORNG X 1/8	
35	877212-075	2	ADPT, PIPE MALE 1 1/16 ORNG X 3/4	
36	878800-005	2	ELBOW, PIPE 90 1/8" 2000# SS	
37	879000-010	1	CROSS, PIPE 1/4" FORGED SS	
38	881308-050	2	NIPPLE, PIPE-HX BRASS 1/2 X 1/2	
39	886808-004	1	ADPT, 1/2F X 1/4M BRS	
40	886812-008	2	ADPT, 3/4F X 1/2M BRS	
41	889108-050	2	CONN, 37 FL/MPT SS 1/2 X 1/2	
42	889304-025	3	ELBOW, 37FL 90M SS 1/4 X 1/4	
43	889308-050	1	ELBOW, 37FL 90M SS 1/2 X 1/2	
44	896800-010	2	PLUG, PIPE 1/4" 3000# SS	
45	898108-050	2	ELBOW, PIPE 45F 1/2 X 1/2 BRASS	
46	898704-025	1	NIPPLE, PIPE-HEX 1/4 X 1/4 SS	
EXPLODED VIEW NOTES:				
A1	FOR SHUTTER OPTION, REMOVE PLUG AND CONNECT TO THIS LOCATION.			

1.22 RECEIVER TANK 250 PSI

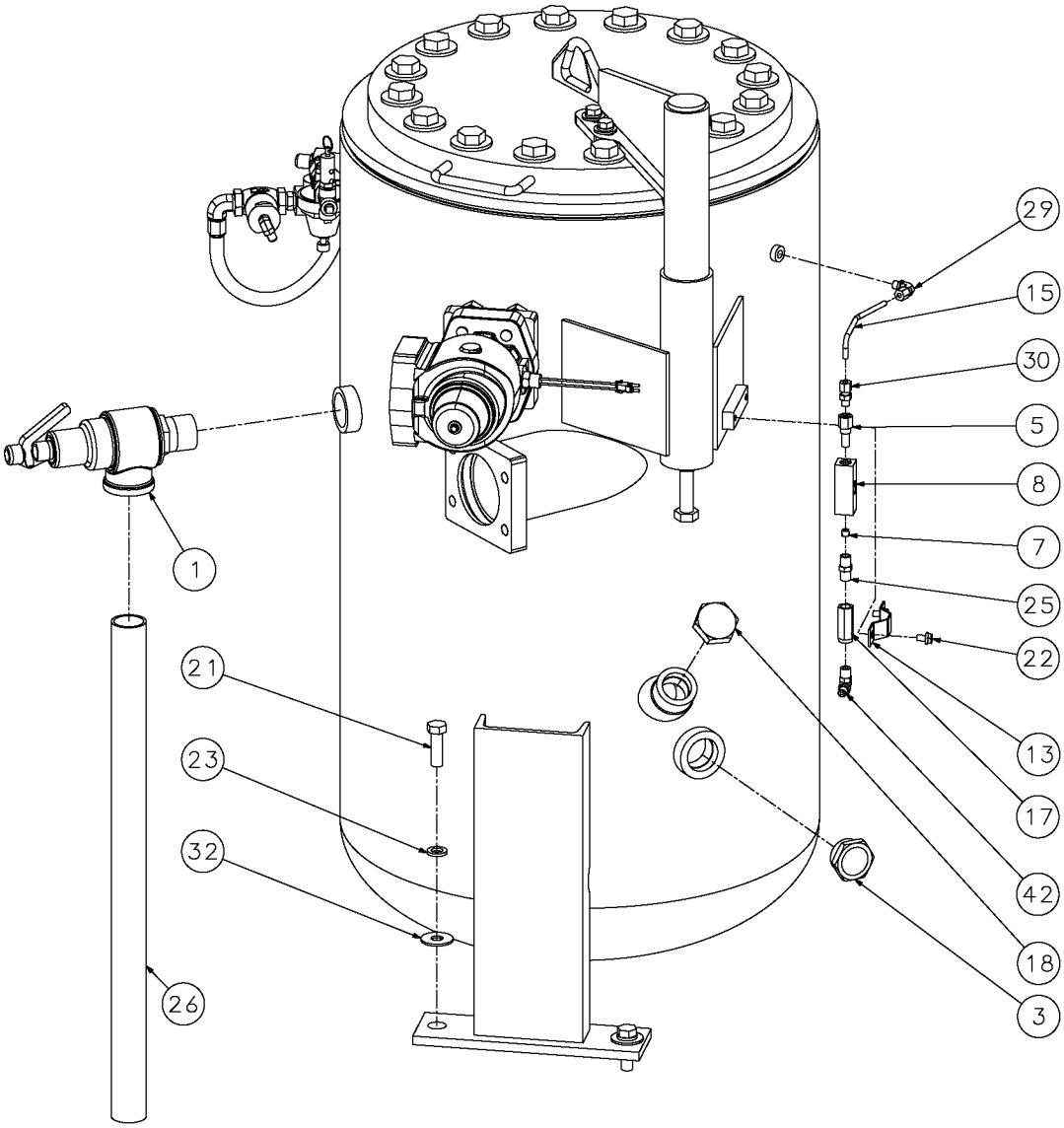


02250204-814 R03 S1



1600iT4 CAT LP_02250207-735 R01

1.22 RECEIVER TANK 250 PSI



02250204-814 R03 S2



1600iT4 CAT LP_02250207-735 R01

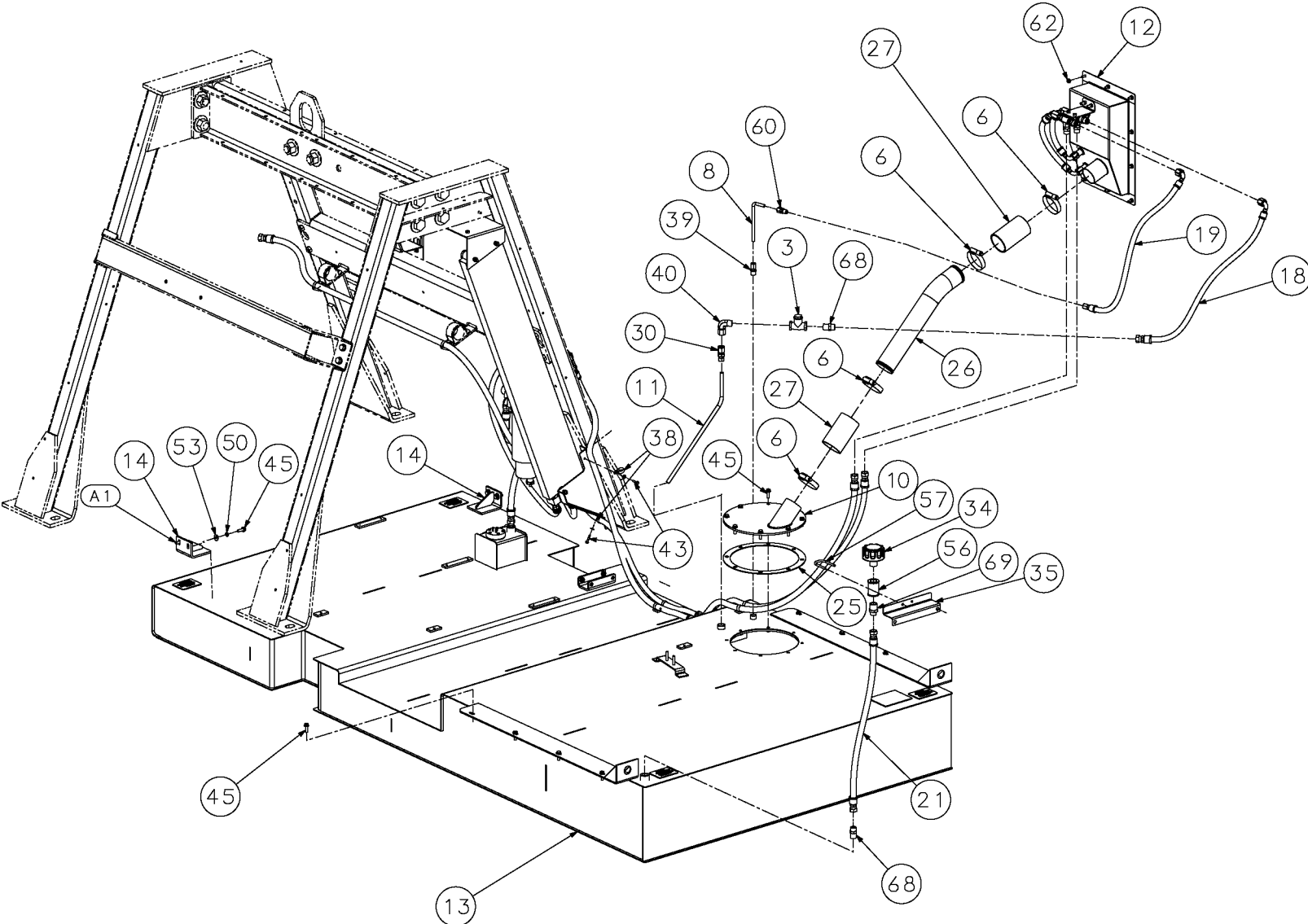
1.22 RECEIVER TANK 250 PSI

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250055-463	1	VLV,RLF 1 1/2 0-200 PSI 1600 CFM	
2	02250056-579	1	HOSE,MP 0.50 X 019"	
3	02250097-611	1	PLUG, SIGHT GLASS 1-7/8" SAE	
4	02250115-268	1	VALVE, PRESSURE REGULATOR	
5	02250117-782	1	FILTER, ASSEMBLY SCREEN FILTER	
6	02250120-888	1	VLV,BLDWN N.C. 8:1 RATIO	
7	02250125-776	1	ORF,PLUG BRASS 1/8"NPT x 3/32"	
8	02250126-129	1	SIGHTGLASS, ORF BLOCK SAE	
9	02250141-442	2	SNSR, PRESS 225PSIG 1-5VDC	
10	02250159-102	1	SW,HTM 250 DEG F - 3/4"-16 SAE	
11	02250202-109	1	TANK, AIR-OIL SEP 250PSIG-1900CFM US	
12	02250203-295	1	VALVE, MIN PRESS CHK L.P. 2 1/2" SAE	
13	02250205-324	1	SUPT,BRKT RETURN LINE DISC SYS 1600F	
14	02250205-518	1	VLV,PRESSURE RELIEF 150PSI, 125 CFM	
15	02250209-287	1	TUBE,1/4OD FORMED	
16	045114	1	VALVE, PNEU(NO)500#-SHTDN BDV	
17	045244	1	VALVE, INLINE CHECK(1/4"NPT)DC	
18	250042-627	1	PLUG,STR THD 1 5/8-12 SAE VIT	
19	825210-559	4	NUT, HEX PLTD 5/8-11	
20	826502-237	1	O-RING, VITON 3 3/8 X 1/8"	
21	829110-200	4	CAPSCR, HEX GR5 5/8-11 X 2	
22	829705-050	2	SCREW, HEX SER WASHER 5/16-18 X 1/2	
23	837810-156	8	WASHER, SPR LOCK REG PLTD 5/8	
24	842810-035	4	STUD, WITH 2 NUTS 5/8-11X3 1/2	
25	868504-025	1	NIPPLE, PIPE-HX PLTD 1/4 X 1/4	
26	869524-290	1	NIPPLE, HALF-PLTD 1 1/2 X 29	
27	870108-012	1	CONN, STR X JIC 1 1/16 X 3/4	
28	870608-008	1	CONN, 90D STR X JIC 3/4 X 3/4	

1.22 RECEIVER TANK 250 PSI

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	870804-044	1	ELB, TB-M STR THD SS 1/4 X 7/16	
30	870904-044	1	CONN, TB-M STR THD SS 1/4 X 7/16	
31	872208-050	1	ELBOW, PIPE-90M 1/2 X 1/2 SS	
32	875110-112	4	WASHER, PL-B HARDENED PLTD 5/8	
33	876730-020	2	TEE, PIPE 300# 1/2 SS	
34	877202-012	2	ADPT, PIPE MALE 7/16 ORNG X 1/8	
35	877212-075	2	ADPT, PIPE MALE 1 1/16 ORNG X 3/4	
36	878800-005	2	ELBOW, PIPE 90 1/8" 2000# SS	
37	879000-010	1	CROSS, PIPE 1/4" FORGED SS	
38	881308-050	2	NIPPLE, PIPE-HX BRASS 1/2 X 1/2	
39	886808-004	1	ADPT, 1/2F X 1/4M BRS	
40	886812-008	2	ADPT, 3/4F X 1/2M BRS	
41	889108-050	2	CONN, 37 FL/MPT SS 1/2 X 1/2	
42	889304-025	3	ELBOW, 37FL 90M SS 1/4 X 1/4	
43	889308-050	1	ELBOW, 37FL 90M SS 1/2 X 1/2	
44	896800-010	2	PLUG, PIPE 1/4" 3000# SS	
45	898108-050	2	ELBOW, PIPE 45F 1/2 X 1/2 BRASS	
46	898704-025	1	NIPPLE, PIPE-HEX 1/4 X 1/4 SS	
EXPLODED VIEW NOTES:				
A1	FOR SHUTTER OPTION, REMOVE PLUG AND CONNECT TO THIS LOCATION.			

1.23 FUEL SYSTEM

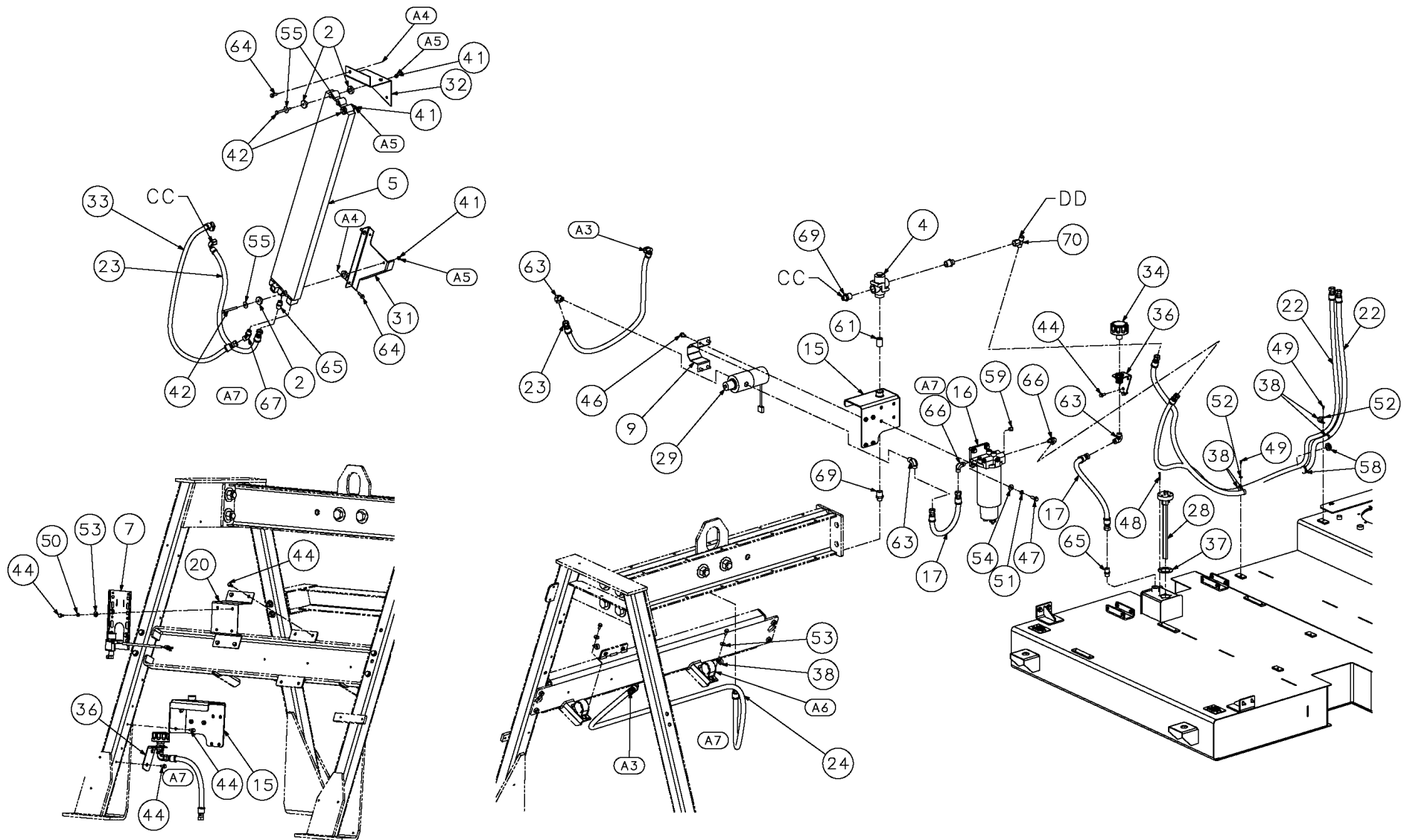


02250204-792 R07 S1



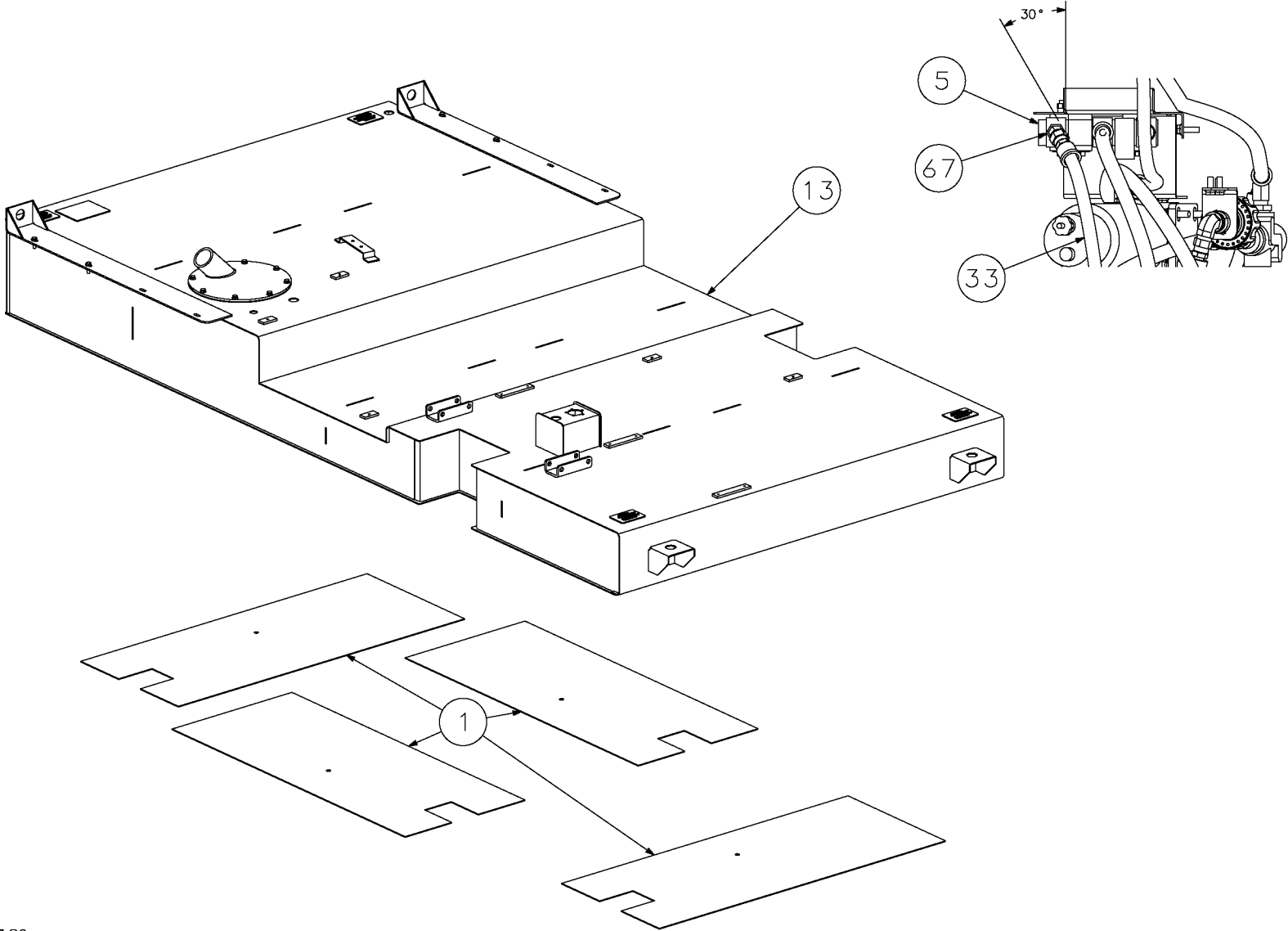
1600i T4 CAT LP_02250207-735 R01

1.23 FUEL SYSTEM



02250204-792 R07 S2

1.23 FUEL SYSTEM



02250204-792 R07 S3



1600iT4 CAT LP_02250207-735 R01

1.23 FUEL SYSTEM

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250053-256	4	COVER, BATTERY RUBBER 900/350-1600	
2	02250094-185	6	GROMMET, RUB MTG 35 LBS	
3	02250111-934	1	VALVE, CHECK FUEL 1/2" NPT	
4	02250123-806	1	VLV, THRM BYPASS 3/4" NPT DE18	
5	02250134-501	1	COOLER, OIL ES -6 FUEL DE-18 (FLAT)	
6	02250138-968	4	CLAMP, HOSE CONST TORQUE 57-79	
7	02250144-566	1	AID, STARTING ELEC 24V C15	
8	02250185-733	1	TUBE,FUEL RETURN 3/8	
9	02250196-491	1	SUPT,BRACKET AUX FUEL PUMP	
10	02250202-644	1	PLT, FUEL FILL 1600F	
11	02250202-646	1	TUBE, FUEL SUPPLY 1600F	
12	02250202-825	1	PNL, SA FUEL FILL 1600F T4	
13	02250204-145	1	TNK,FUEL 1600F TIER 4	
14	02250205-046	2	SUPT,BRKT FUEL TANK 1600F	
15	02250205-101	1	SUPT,BRKT PRIMARY FUEL 1600F	
16	02250205-119	1	SA,PRIMARY FUEL FLTR 1600F	
17	02250205-120	2	HOSE,MP 13/32ID X 16.00 OAL	
18	02250205-126	1	HOSE,MP 13/32ID X 30.00 OAL	
19	02250205-130	1	HOSE,MP 13/32ID X 30.00 OAL	
20	02250205-134	1	SUPT,BRKT ETHER START 1600F	
21	02250205-521	1	HOSE,LP 1/2"ID X 40.00 OAL	
22	02250205-523	2	HOSE,MP 13/32ID X 100.00 OAL	
23	02250205-524	2	HOSE,MP 13/32ID X 36.00 OAL	
24	02250205-525	1	HOSE,MP 13/32ID X 84.00 OAL	
25	02250206-466	1	GSKT,FUEL FILL PLATE 1600F	
26	02250206-511	1	TUBE,FUEL FILL NECK 1600F	
27	02250206-512	2	HOSE, FUEL FILL NECK 1600F	
28	02250206-520	1	SDR, FUEL LVL 1600F T4	

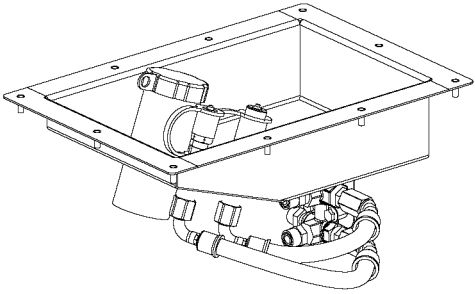
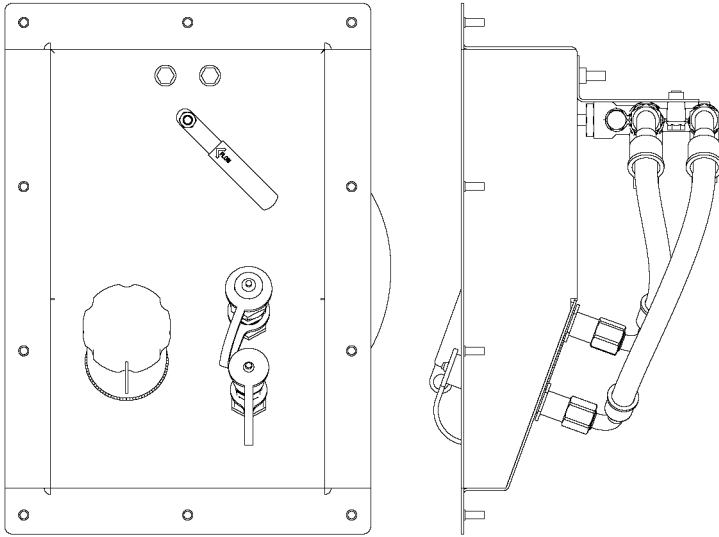
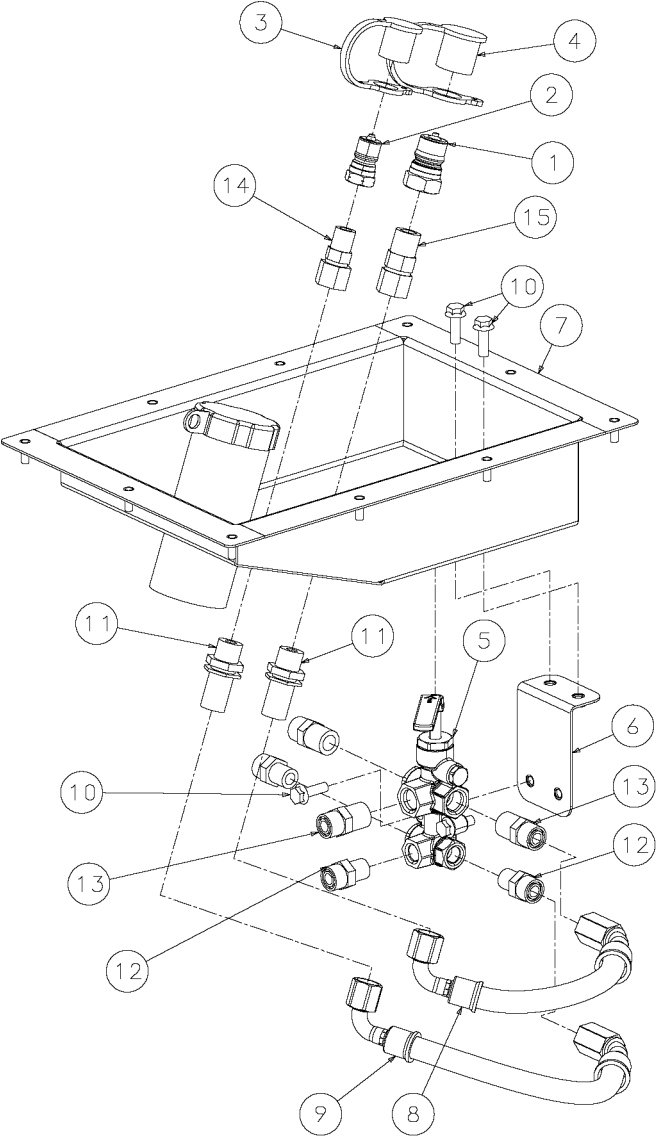
1.23 FUEL SYSTEM

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	02250208-152	1	PMP,AUX FUEL TIER 4	
30	02250208-739	1	CONN,TUBE-M 1/2 X 1/2	
31	02250209-282	1	SUPT,BRKT LWR FUEL CLR 1600F	
32	02250209-283	1	SUPT,BRKT UPR FUEL CLR 1600F	
33	02250209-793	1	HOSE,MP 13/32ID X 54 OAL	
34	02250210-176	2	VENT,FUEL 4 MICRON	
35	02250210-330	1	SUPT,FUEL VENT	
36	02250211-002	1	SUPT,BKT FUEL TANK VENT	
37	250004-752	1	GASKET, FUEL GAUGE NEOPRENE	
38	408300-004	8	CLAMP, HOSE 7/8" I.D.	
39	810206-038	1	CONN, TUBE-M 3/8 X 3/8	
40	810508-050	1	ELBOW, TUBE 90 DEG M 1/2 X 1/2	
41	825205-273	3	NUT, HEX PLTD 5/16-18	
42	829105-300	3	CAPSCR, HEX GR5 5/16-18 X 3	
43	829702-100	2	SCREW, HEX SER WASHER #10-24 X 1	
44	829705-075	12	SCREW, HEX SER WASHER 5/16-18 X 3/4	
45	829705-100	20	SCREW, HEX SER WASHER 5/16-18 X 1	
46	829706-075	4	SCREW, HEX SER WASHER 3/8-16 X 3/4	
47	829706-125	4	SCREW, HEX SER WASHER 3/8-16 X 1 1/4	
48	831102-125	5	SCREW, MACH-HEX #10-32 X 1 1/4	
49	831502-031	2	SCREW, MACH-FIL #10-32 X 5/16	
50	837805-078	8	WASHER, SPR LOCK REG PLTD 5/16	
51	837806-094	4	WASHER, SPR LOCK REG PLTD 3/8	
52	838202-045	4	WASHER, PL-B REG PLTD #10	
53	838205-071	10	WASHER, PL-B REG PLTD 5/16	
54	838206-071	4	WASHER, PL-B REG PLTD 3/8	
55	838305-071	3	WASHER, PL-B WIDE PLTD 5/16	
56	867430-030	1	COUPLING,PIPE 3/4 300# PLT	

1.23 FUEL SYSTEM

KEY	PART NO.	QTY	DESCRIPTION	NOTES
57	868304-100	1	U-BOLT, 1/4" X 1" PIPE PLTD	
58	871014-012	2	GROMMET,RUBBER 7/8 1.28 X .09 THK	
59	875706-056	5	PLUG, STR THD HOL HX 9/16-18	
60	876106-056	1	ADAPTER, PLTD 3/8 X 9/16-18	
61	877512-000	1	NIPPLE, PIPE SS 300# 3/4 X CL	
62	879504-236	10	NUT, HEX FLGD SS 1/4-20	
63	881608-050	3	ELBOW,ORFS 90 DEG M 1/2" X 1/2"	
64	884305-100	3	SCREW, HEX SER WASHER 5/16-18 X 1	
65	884408-075	2	CONN, STR THD/ORFS 3/4 X 1/2	
66	888708-056	2	ELBOW, ST THD/ORFS 9/16 X 1/2	
67	892608-075	1	ELB,45M STR THD/ORFS 1/2	
68	897108-080	2	CONN,1/2 NPT X 1/2 ORFS	
69	897108-120	4	CONN,3/4 NPT X 1/2 ORFS	
70	898408-081	1	TEE,ORFS 13/16-16	
NOTES:				
A1:	TO FRAME			
A3:	TO ENGINE			
A4:	TO LIFTING BAIL			
A5:	TIGHTEN TO 12 IN-LBS THEN APPLY JAM NUT			
A6:	BOLT AND PIPE CLAMP SHOWN FOR P-CLAMP MOUNTING CLARITY.			
A7:	FITTINGS TO BE ROTATED TO ALLOW FOR MOST CLEARANCE.			

1.24 FUEL FILL PANEL



02250205-105 R00

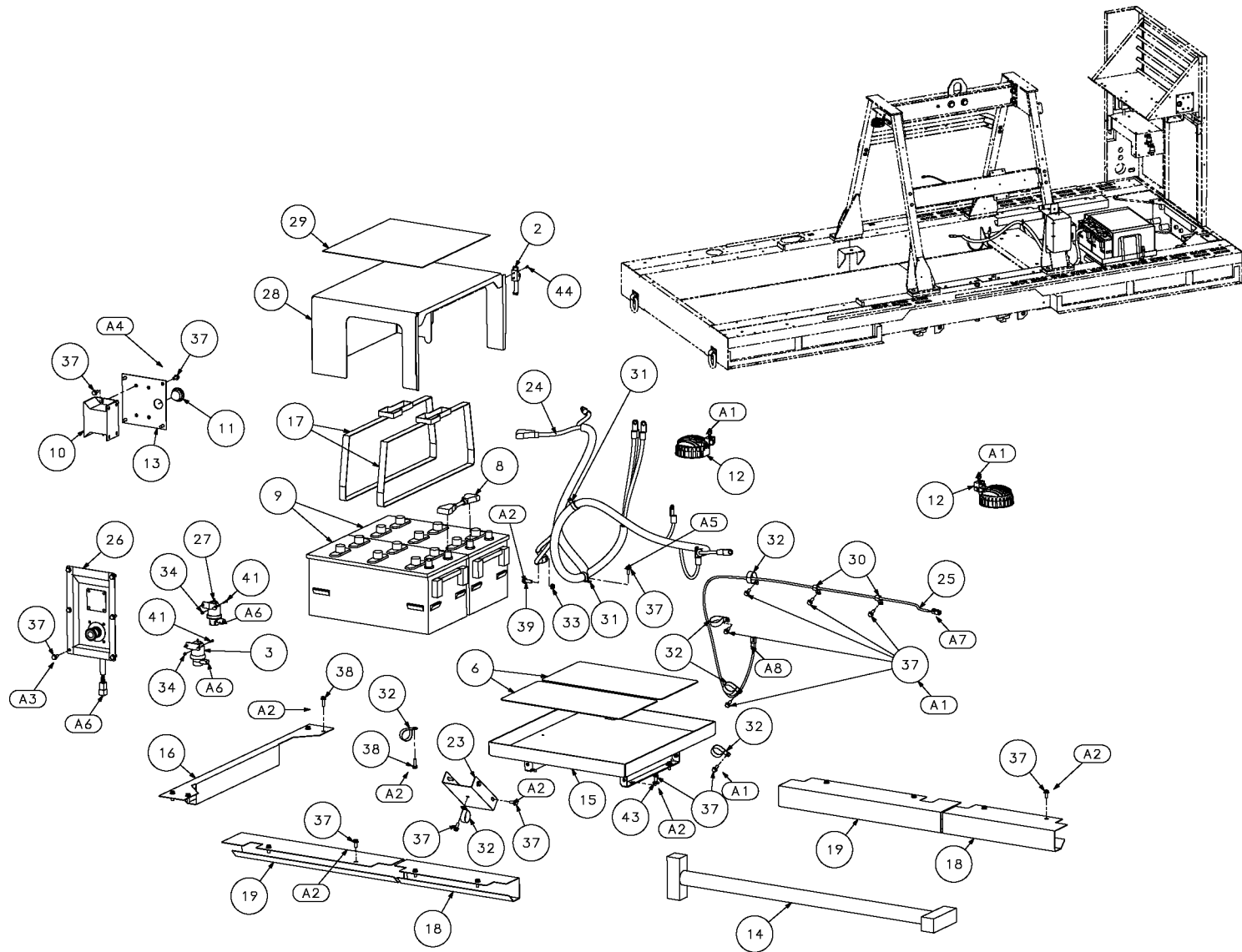


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1.24 FUEL FILL PANEL

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250160-020	1	CPLG, QIK DISC MALE X 1/2"	
2	02250160-023	1	CPLG, QIK DISC MALE 3/8"	
3	02250164-184	1	COVER, DUST FUEL CONN. 3/8 FM	
4	02250164-185	1	COVER, DUST FUEL CONN. 1/2 FM	
5	02250186-193	1	VLV, FUEL 3-WAY 1/2NPT 3/8NPT	
6	02250186-199	1	SUPT, FUEL SELECTOR T4	
7	02250202-824	1	PNL, FUEL FILL 1600F TIER4	
8	02250205-123	1	HOSE, MP 13/32ID X 10.00 OAL	
9	02250205-124	1	HOSE, MP 13/32ID X 13.00 OAL	
10	884305-100	4	SCREW, HEX SER WASHER 5/16-18 X 1	
11	892308-081	2	UNION, ORFS BHD 1/2	
12	897108-060	3	CONN, 3/8 NPT X 1/2 ORFS	
13	897108-080	3	CONN, 1/2 NPT X 1/2 ORFS	
14	897208-060	1	CONN, 3/8 NPT X 1/2 ORFS	
15	897208-080	1	CONN, 1/2 NPT X 1/2 ORFS	

1.25 ELECTRIC PARTS



02250205-193 R02 S1

02250205-193 R02 S2



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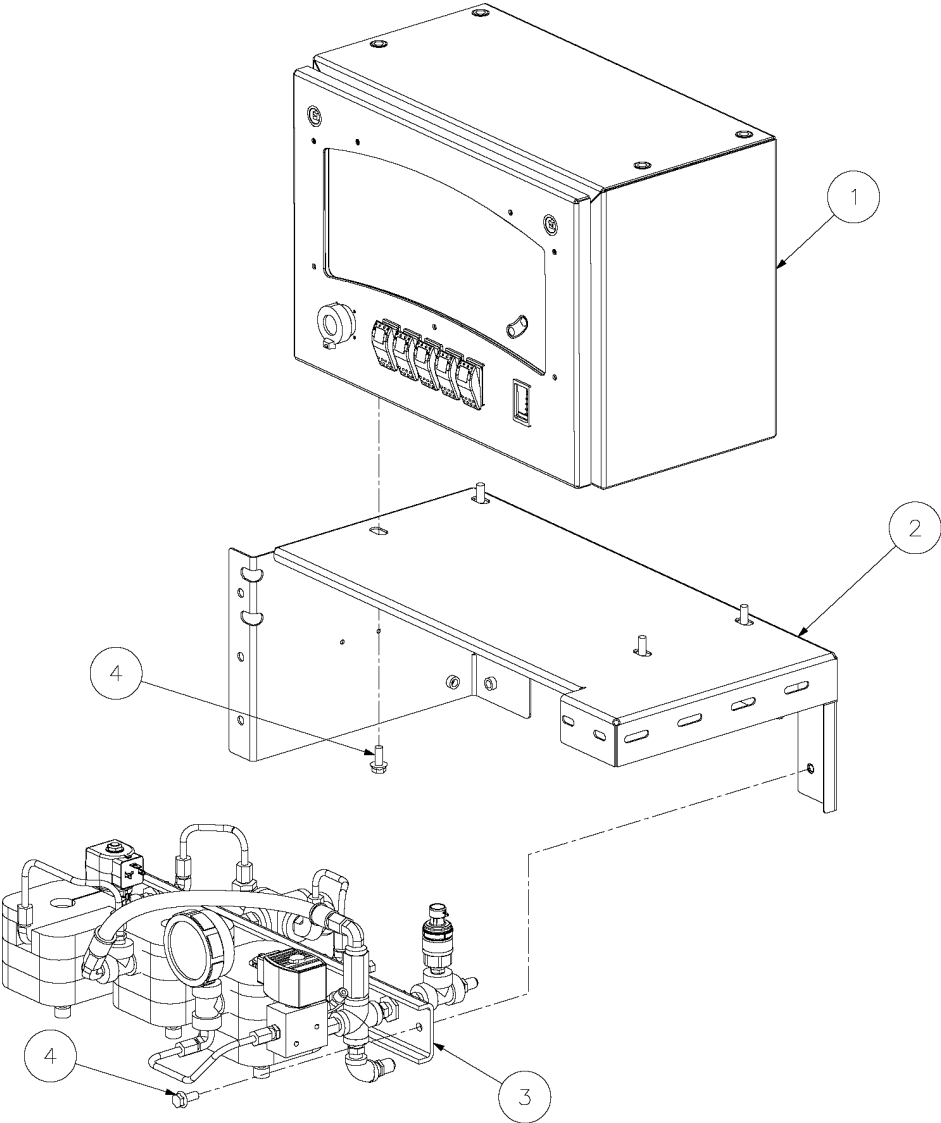
1.25 ELECTRIC PARTS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250051-629	1	SOLENOID, SPNO 24 VOLT DC CONT-DUTY	
2	02250125-511	1	LATCH, LOCKING INSTRUMENT PANEL	
3	02250143-881	1	IND, SWT FLR ELEM CMACS LEFT	
4	02250160-837	1	SWITCH, BATTERY DISCONNECT 6-36V; 175 AMPS CONTINUOUS	
5	02250165-472	1	LOCK, BATT DISCONNECT SWITCH	
6	02250167-768	2	MAT, ANTI-SLIP BATTERY	
7	02250168-418	1	COVER, ACCESS RELAY & SWITCH	
8	02250174-782	1	CABLE, BATY BLACK 1/0 X 6.0	
9	02250176-460	2	BATY, 8D/12 VOLT - WET	
10	02250187-537	1	ALM, SIREN 36VDC 107DB	
11	02250190-473	1	SEAL, GROMMET SILICONE 0-1" DIA	
12	02250193-884	2	LAMP, AUXILIARY LED 24V FLD	
13	02250202-768	1	SUPT, PLATE SIREN 1600F	
14	02250202-781	1	HARNESS, MAIN WIRING 1600F	
15	02250204-752	1	TRAY, BATTERY 1600F	
16	02250204-898	1	TRAY, MAIN HARNESS 1600F	
17	02250205-024	2	STRAP, BATTERY TIE DOWN 8D	
18	02250205-050	2	TRAY, MAIN HARNESS 1600F	
19	02250205-059	2	TRAY, MAIN HARNESS 1600F	
20	02250205-170	1	SUPT, BRKT BUSSMAN MTG 1600F	
21	02250205-185	1	SUPT, BATT DISC SW 1600F	
22	02250205-188	1	CVR, RELAY/CB/SOL 1600F	
23	02250205-219	1	CVR, MAIN WIRING HARNESS 1600F	
24	02250205-496	1	HARN, BATTERY CABLE 1660F	
25	02250207-757	1	HARN, ENG. PRIME SWITCH EXTENSION	
26	02250207-941	1	SA, E-STOP PANEL 1600F	
27	02250209-304	1	IND, SWT FLTR ELEM LEFT 5.0KPA	
28	02250209-376	1	CVR, BATTERY 1600F	

1.25 ELECTRIC PARTS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	02250209-384	1	STRIP, SLIP RESISTANT 18" (FT)	
30	408300-001	2	CLAMP, HOSE 9/16"ID	
31	408300-005	2	CLAMP, HOSE 5/8" I.D.	
32	408300-007	7	CLAMP, HOSE 1-1/8" I.D.	
33	825305-283	1	NUT, HEX F PLTD 5/16-18	
34	825500-102	4	NUT, HEX LOCKING #6-32	
35	829704-050	11	SCREW, HEX SER WASHER 1/4-20 X 1/2	
36	829704-100	2	SCREW, HEX SER WASHER 1/4-20 X 1	
37	829705-075	43	SCREW, HEX SER WASHER 5/16-18 X 3/4	
38	829705-100	9	SCREW, HEX SER WASHER 5/16-18 X 1	
39	829706-100	1	SCREW, HEX SER WASHER 3/8-16 X 1	
40	831102-075	4	SCREW, MACH-HEX #10-32 X 3/4	
41	831300-075	4	SCREW, MACH-PAN HD #6-32 X 3/4	
42	831602-038	2	SCREW, MACH-RD HD #10-24 X 3/8	
43	838205-071	8	WASHER, PL-B REG PLTD 5/16	
44	876001-038	2	SCREW, RND PHILLIPS 8-32 X 3/8"	
NOTES				
A1:	TO LIFTING BAIL			
A2:	TO FRAME			
A3:	TO CANOPY PANEL			
A4:	TO AFTERCOOLER SUPPORT PANEL			
A5:	TO ENGINE SUPPORT			
A6:	TO MAIN WIRING HARNESS			
A7:	TO ENGINE			
A8:	TO ENGINE PRIMER SWITCH			
A9:	ENGINE PRIMER SWITCH RELOCATED FROM ENGINE. SUPPLIED BY CAT			
A10:	INCLUDED WITH MAIN WIRING HARNESS			

1.26 INSTRUMENT PANEL & CONTROLS



02250205-535 R01

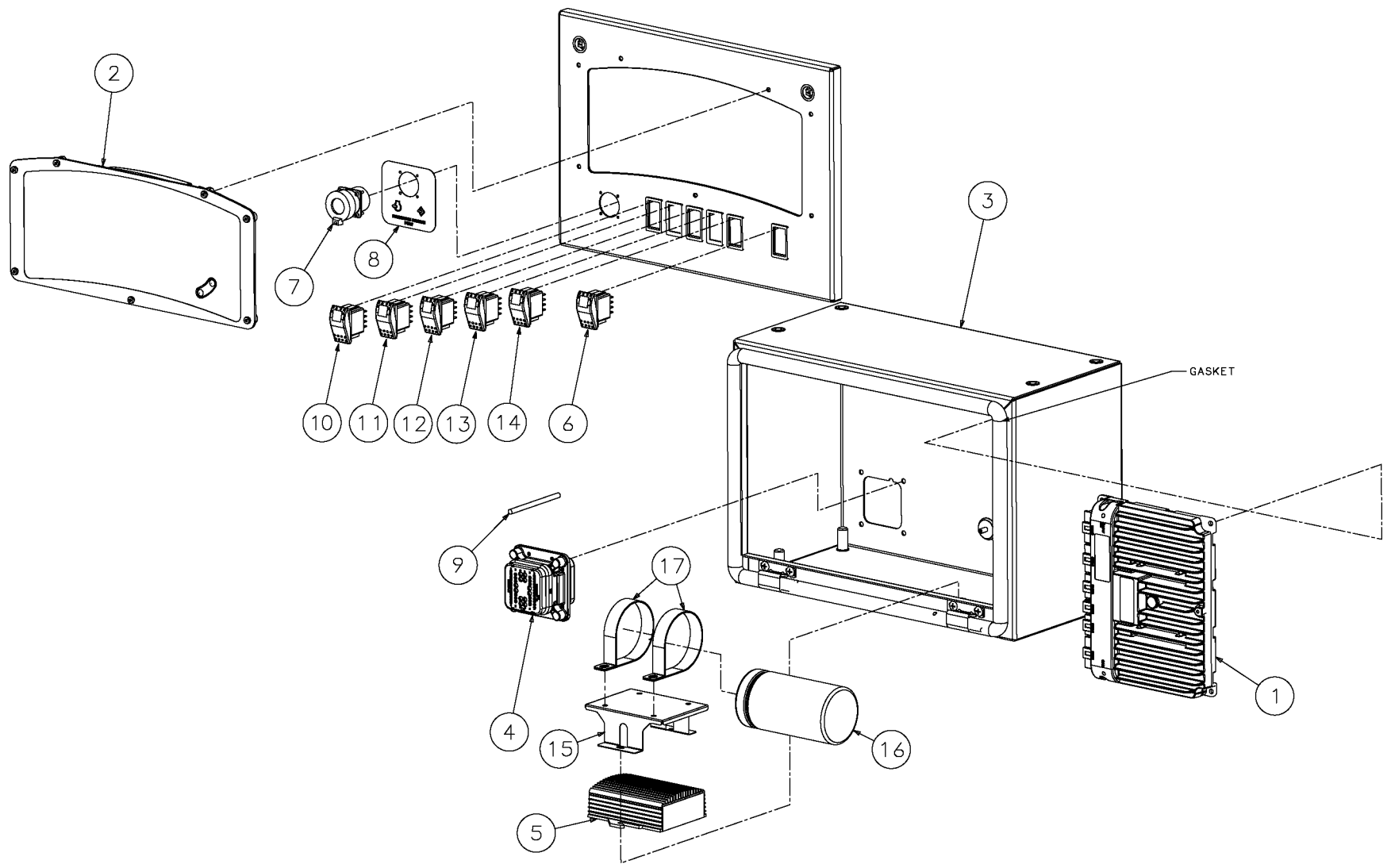


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1.26 INSTRUMENT PANEL & CONTROLS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250190-483	1	CONT, CNTRL SYS DUAL PRS 900C	
2	02250202-994	1	SUPT, CONTROLLER 1600F	
3	02250205-014	1	SA, CTRLS 1600F LP	
4	829705-075	6	SCREW, HEX SER WASHER 5/16-18 X 3/4	

1.27 CONTROLLER DUAL PRESSURE



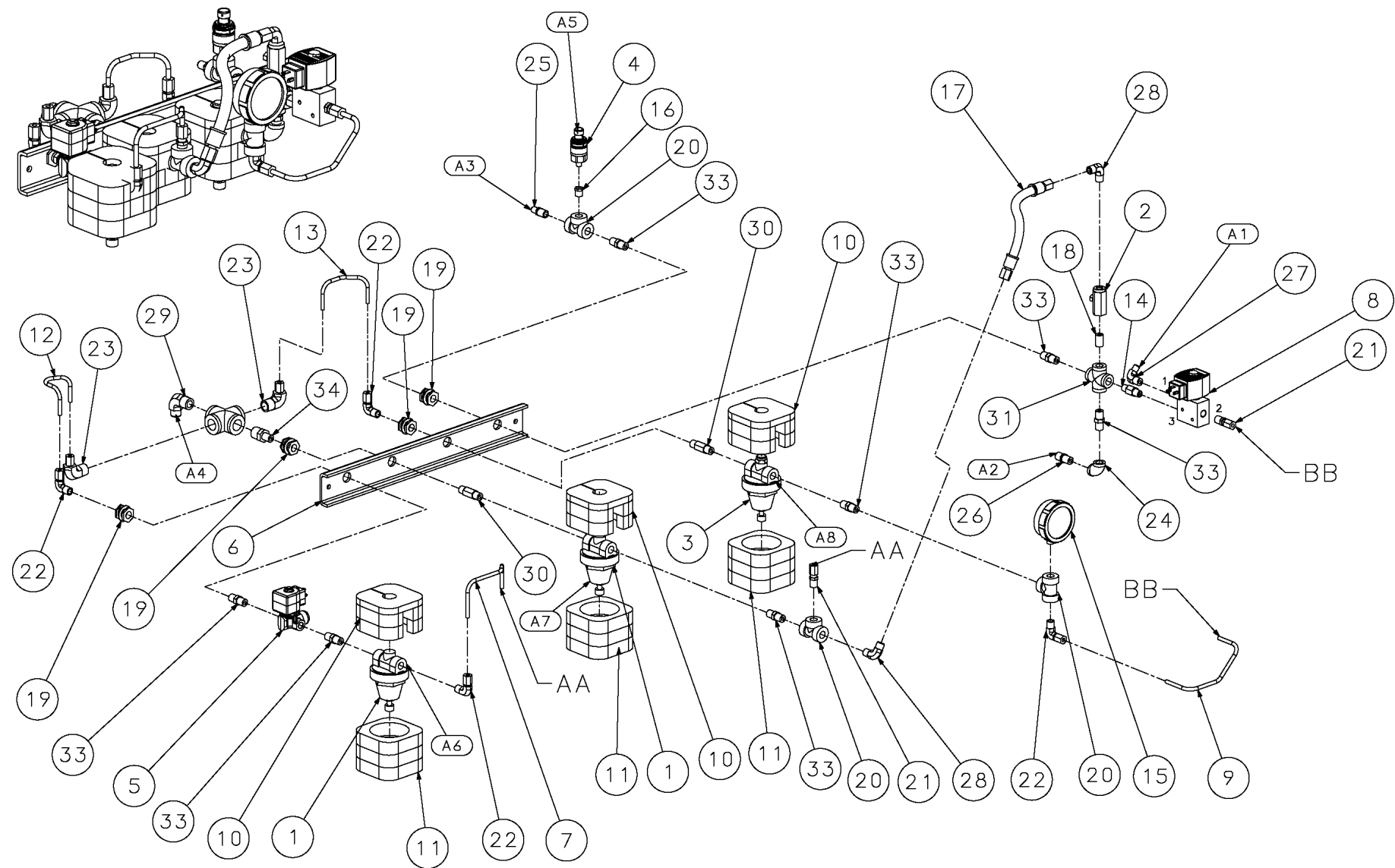
02250190-483 R04



1600iT4 CAT LP_02250207-735 R01

1.27 CONTROLLER DUAL PRESSURE

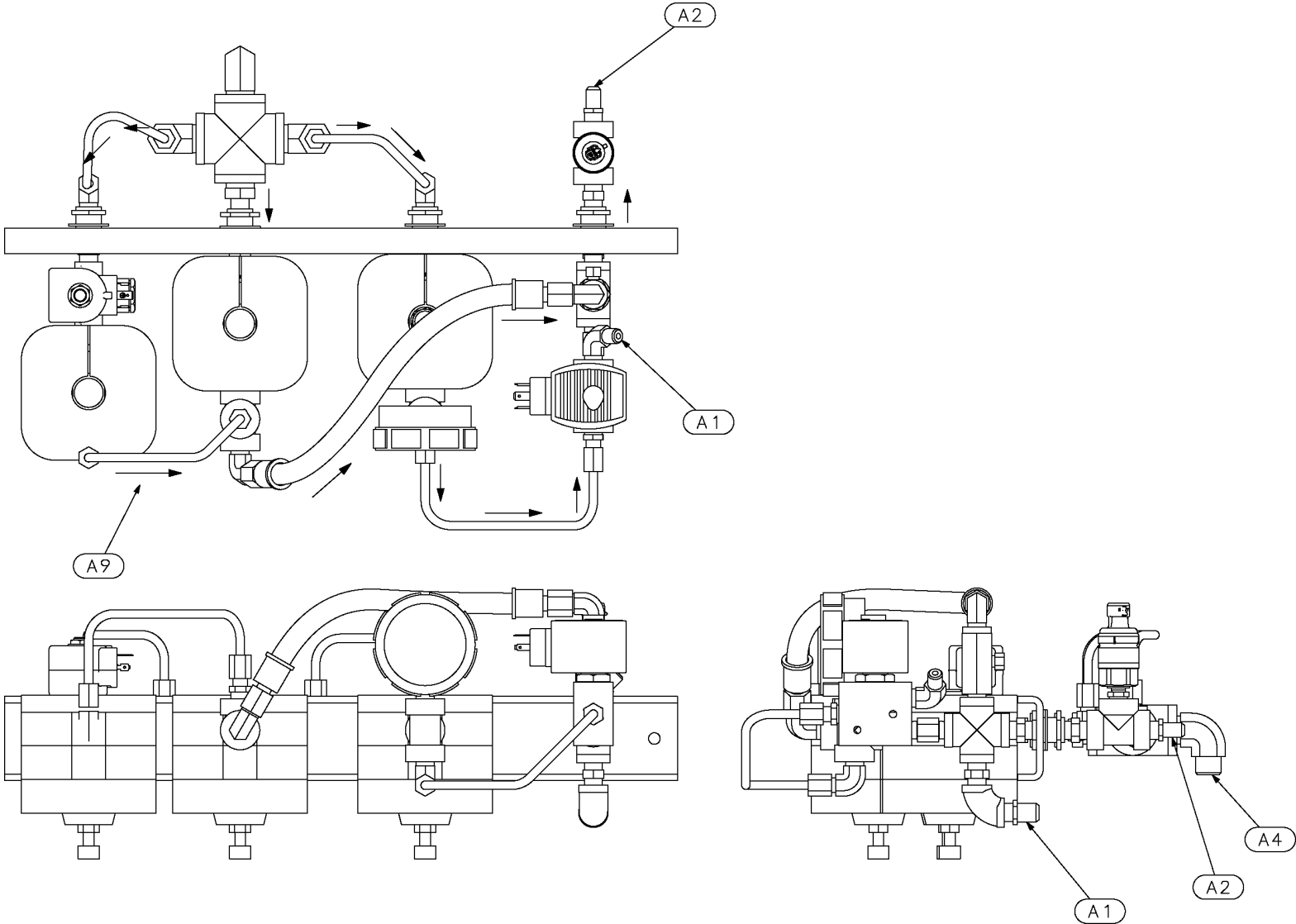
KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250193-890	1	PNL,LOAD CENTER	
2	02250193-891	1	PNL,ASSY 300PSI CLUSTER	
3	02250193-892	1	ENCLOSURE,MAIN	
4	02250193-893	1	HARN,INTERCONNECT	
5	02250193-895	1	PNL,POWER CONVERTER	
6	02250193-896	1	SW, ON/OFF ROCKER	
7	02250193-898	1	CONN,DIAGNOSTIC PORT	
8	02250194-276	1	DECAL,DIAGNOSTIC SERVICE PORT CONTROL SYS 900B	
9	02250194-277	1	HARN,WIRING CONTROL SYS BOX 900B	
10	02250202-386	1	REGEN ROCKER	
11	02250202-387	1	CABIN LIGHTS ROCKER	
12	02250202-388	1	HIGH / LOW PRESSURE ROCKER	
13	02250202-389	1	LCD TOGGLE UP/DOWN ROCKER	
14	02250202-390	1	LCD SELECT ROCKER	
15	02250208-370	1	SUPT,BRKT C-PRO CAPACITOR	
16	02250208-372	1	CAPACITOR,30V	
17	02250208-903	2	CLAMP,C-PRO CAPACITOR	
NOTES:				
1.	VENDOR: ACTIA			
2.	VENDOR P/N: 113024			
3.	MARK/TAG WITH SULLAIR PART NUMBER AND REVISION			
4.	THIS IS PURCHASED S/A.			



02250204-788 R01 S1



1.28 CONTROLS



02250204-788 R01 S2

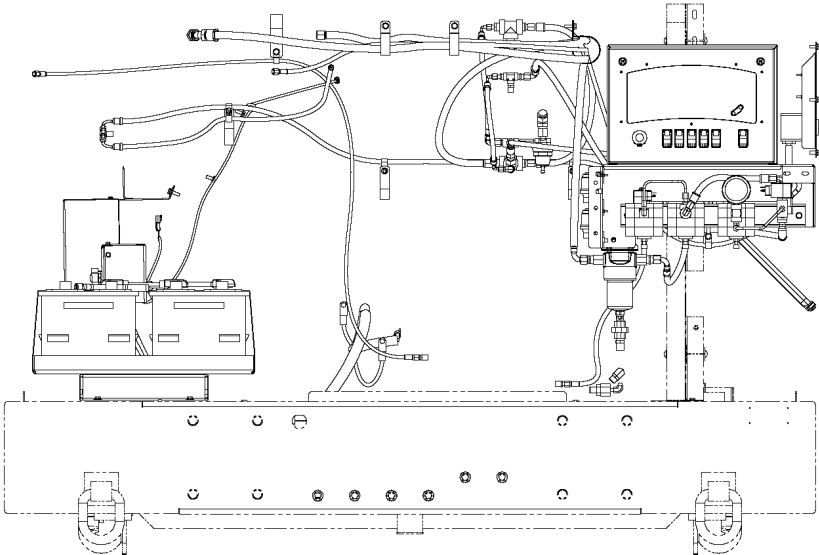
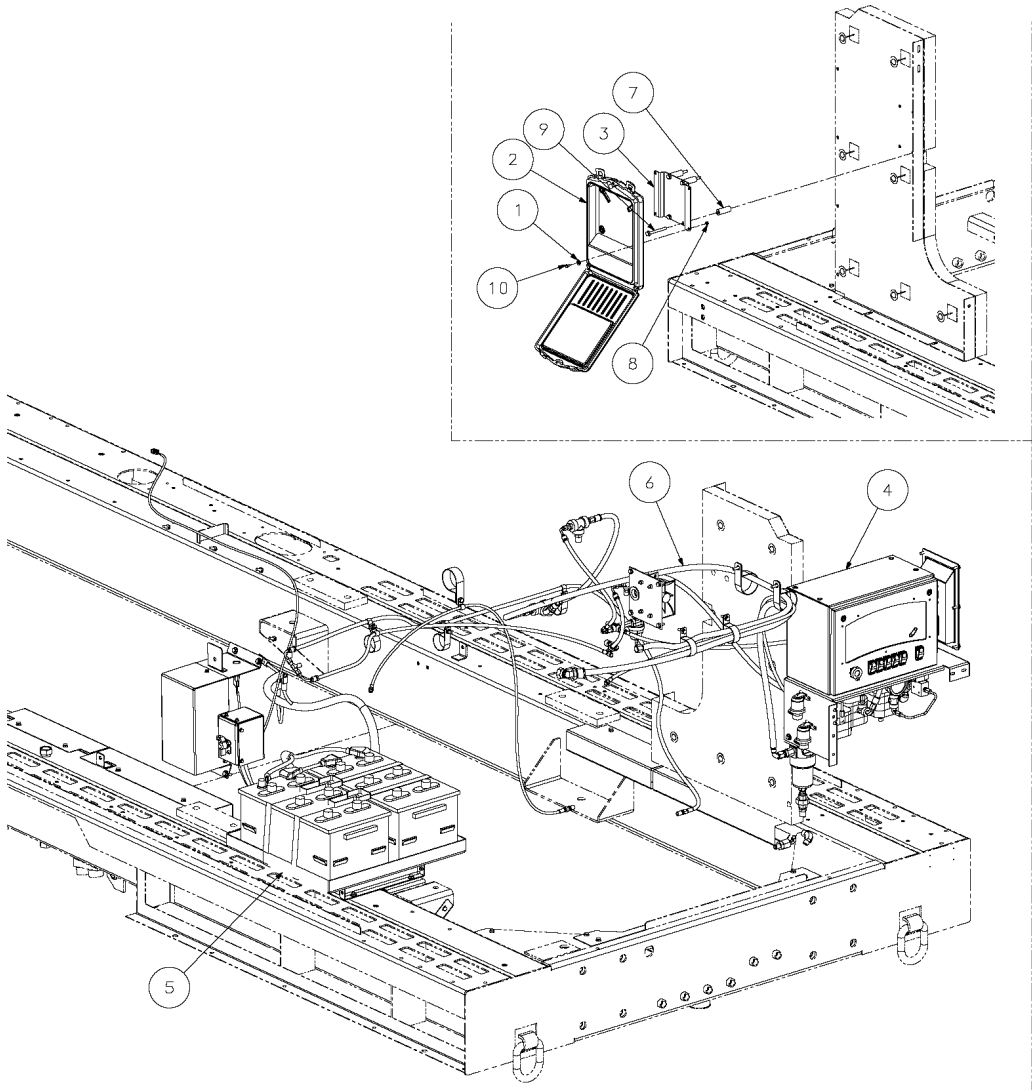
1.28 CONTROLS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250052-358	2	REG, BACK PRESS CONTROL 1/4"	
2	02250110-557	1	VLV, CHK 1/4"NPTF VITON SEAT	
3	02250115-268	1	VALVE, PRESSURE REGULATOR	
4	02250141-442	1	SNSR, PRESS 225PSIG 1-5VDC	
5	02250180-127	1	VLV, SOL 2-WAY NC 0-1500 PSI	
6	02250202-776	1	SUPT, CONTROLS BAR	
7	02250205-312	1	TUBE, 1/4" SS	
8	02250207-504	1	VLV, SOL 3-WAY 1/4NPT 24VDC	
9	02250207-531	1	TUBE, 1/4OD CONTROLS 1600F LP	
10	02250207-707	3	WRAP, REGULATOR FOAM TOP	
11	02250207-709	3	WRAP, REGULATOR FOAM BOTTOM	
12	02250207-845	1	TUBE, SS 1/4OD CNTLS 1600F HP	
13	02250207-908	1	TUBE, 1/4OD CONTROLS 1600F LP	
14	027443	1	ORF, .062 BRASS 1/4MNPT	
15	048448	1	GAUGE, CTL AIR PRESS 0-200 PSI	
16	248614-003	1	BUSHING, RED HX 1/4 X 1/8 304SS	
17	249606-007	1	HOSE, MED PRESS 0.38 X 013"	
18	250019-142	1	NIPPLE, PIPE-XS 316S 1/4 X CL	
19	841500-004	4	BULKHEAD, PIPE 1/4" NPT	
20	876730-010	3	TEE, PIPE 300# 1/4 SS	
21	876804-025	2	CONN, TUBE-M 1/4 X 1/4 SS	
22	877004-025	4	ELBOW, TUBE 90 DEG M 1/4 X 1/4 SS	
23	877004-050	2	ELBOW, TUBE 90 DEG M 1/4 X 1/2 SS	
24	878800-010	1	ELBOW, PIPE 90 1/4" 2000# SS	
25	889104-025	1	CONN, 37 FL/MPT SS 1/4 X 1/4	
26	889106-025	1	CONN, 37 FL/MPT SS 3/8 X 1/4	
27	889304-025	1	ELBOW, 37FL 90M SS 1/4 X 1/4	
28	889306-025	2	ELBOW, 37FL 90M SS 3/8 X 1/4	

1.28 CONTROLS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
29	889308-050	1	ELBOW, 37FL 90M SS 1/2 X 1/2	
30	895804-200	2	NIPPLE, PIPE HXL BRASS 1/4 X 2.0	
31	895930-010	1	CROSS, PIPE 1/4" FORGED SS	
32	895930-020	1	CROSS, PIPE 1/2" FORGED SS	
33	898704-025	7	NIPPLE, PIPE-HEX 1/4 X 1/4 SS	
34	898708-025	1	NIPPLE, PIPE-HEX 1/2 X 1/4 SS	
NOTES				
A1	RUN CIRCUIT (INLET VALVE OPEN FEED)			
A2	START CIRCUIT (INLET VALVE CLOSE FEED)			
A3	PILOT SIGNAL FOR BLOWDOWN			
A4	MAIN FEED LINE FROM RCVR TANK			
A5	P2-CONTROL PRESSURE TRANSDUCER			
A6	LOW PRESSURE REGULATOR			
A7	HIGH PRESSURE REGULATOR			
A8	CONTROL AIR REDUCING REGULATOR			
A9	ARROWS INDICATE AIR FLOW DIRECTION			

1.29 ELECTRIC CONTROLS

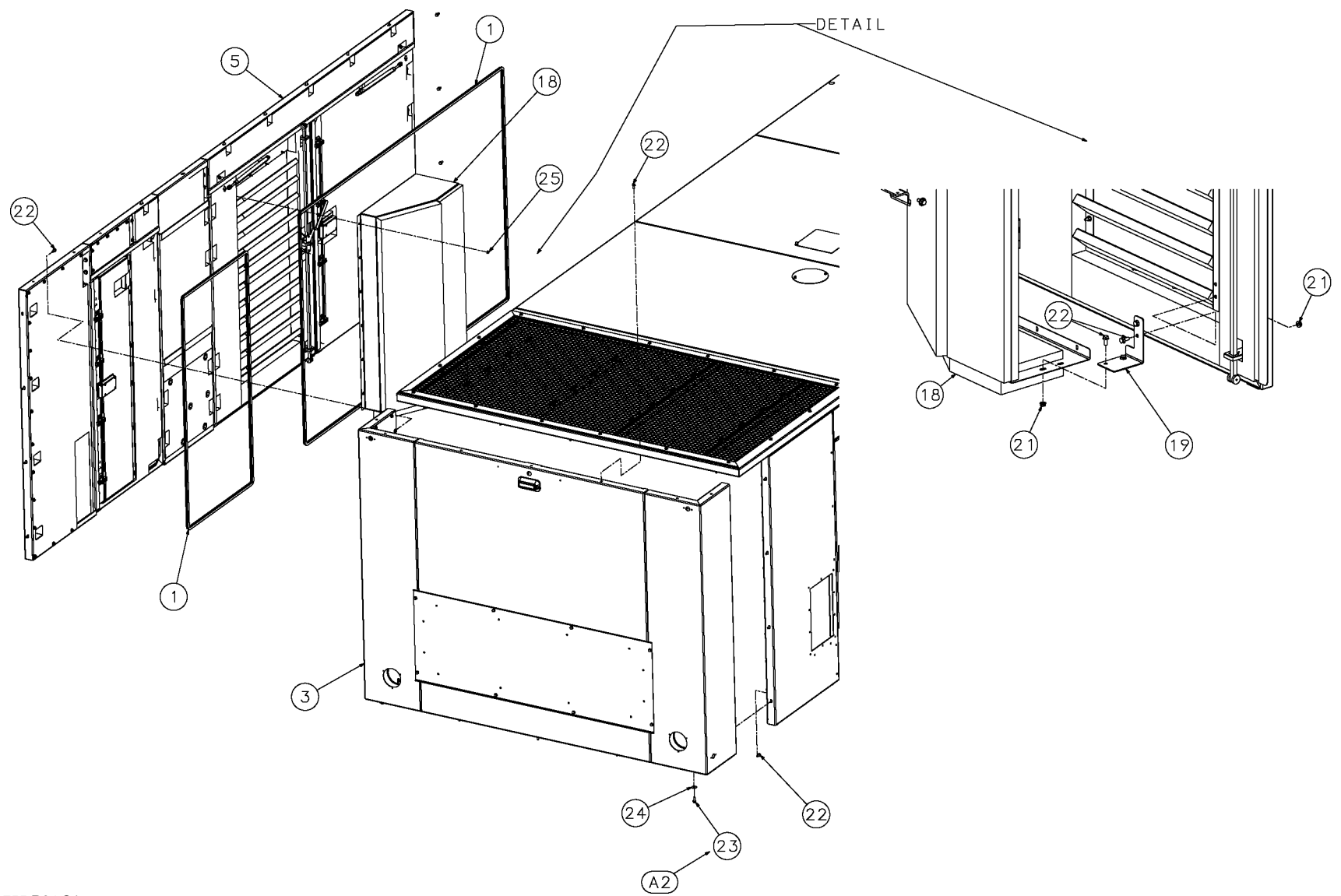


02250204-793 R00

1.29 ELECTRIC CONTROLS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250142-101	4	WASHER, FLAT 5/16 X 11/16 SS BLACK	
2	02250157-353	1	ENCLOSURE, MANUAL-PAK	
3	02250194-434	1	SUPT, MANUAL BOX 600SA	
4	02250205-018	1	SA, INST PNL & CTRLS 1600F LP	
5	02250205-019	1	SA, E-PARTS 1600F	
6	02250205-020	1	SA, CONTROL LINES 1600F LP	
7	02250208-243	4	SPCR, TUBE .75OD/.38ID/2.00L	
8	825302-219	4	NUT, HEX F PLTD #10-24	
9	829705-300	4	SCREW, HEX SER WASHER 5/16-18 X3	
10	884302-050	4	SCREW, HEX SER WASHER #10-24 X 1/2	

1.30 CANOPY

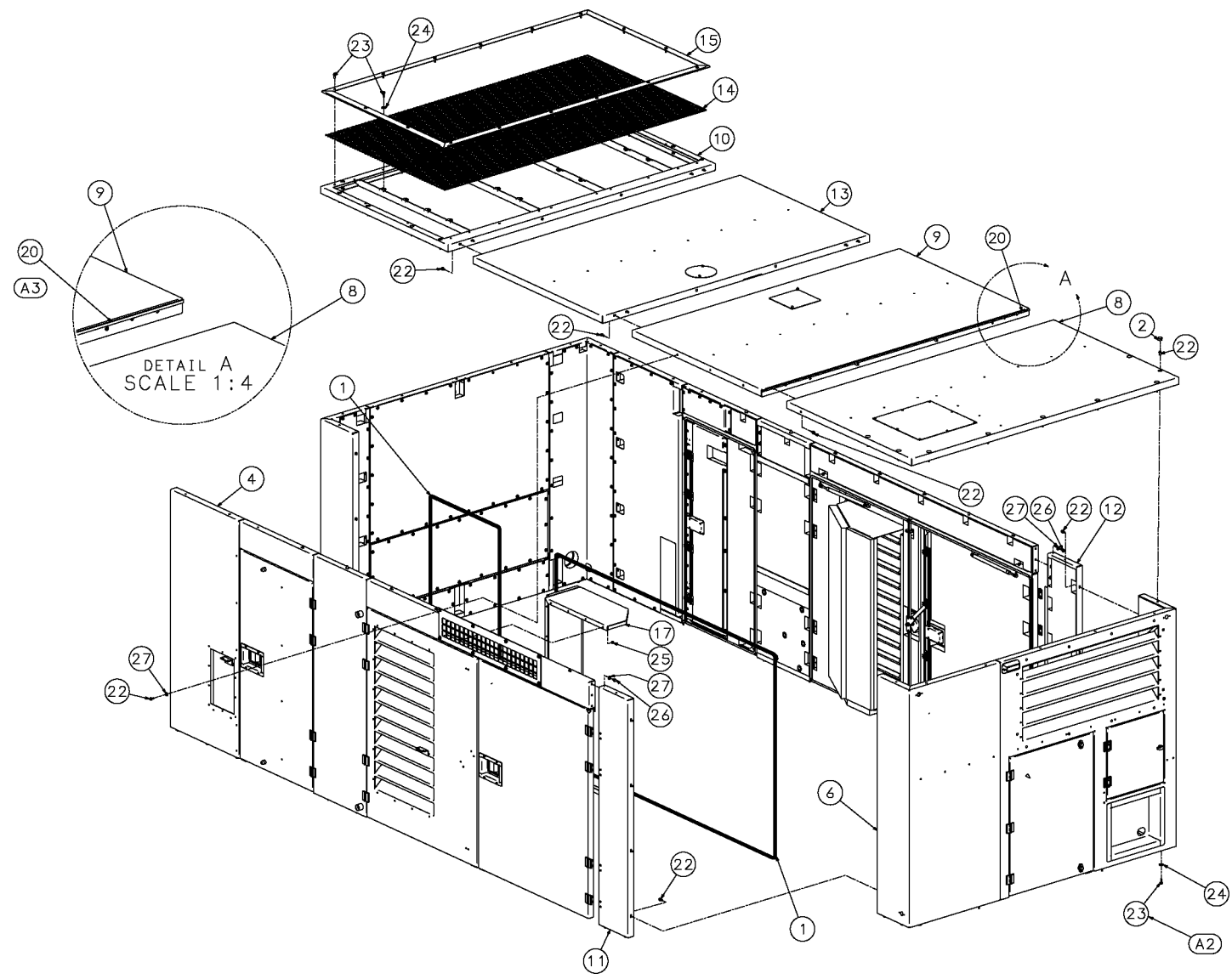


2250204-755 R04 S1



1600iT4 CAT LP_02250207-735 R01

1.30 CANOPY

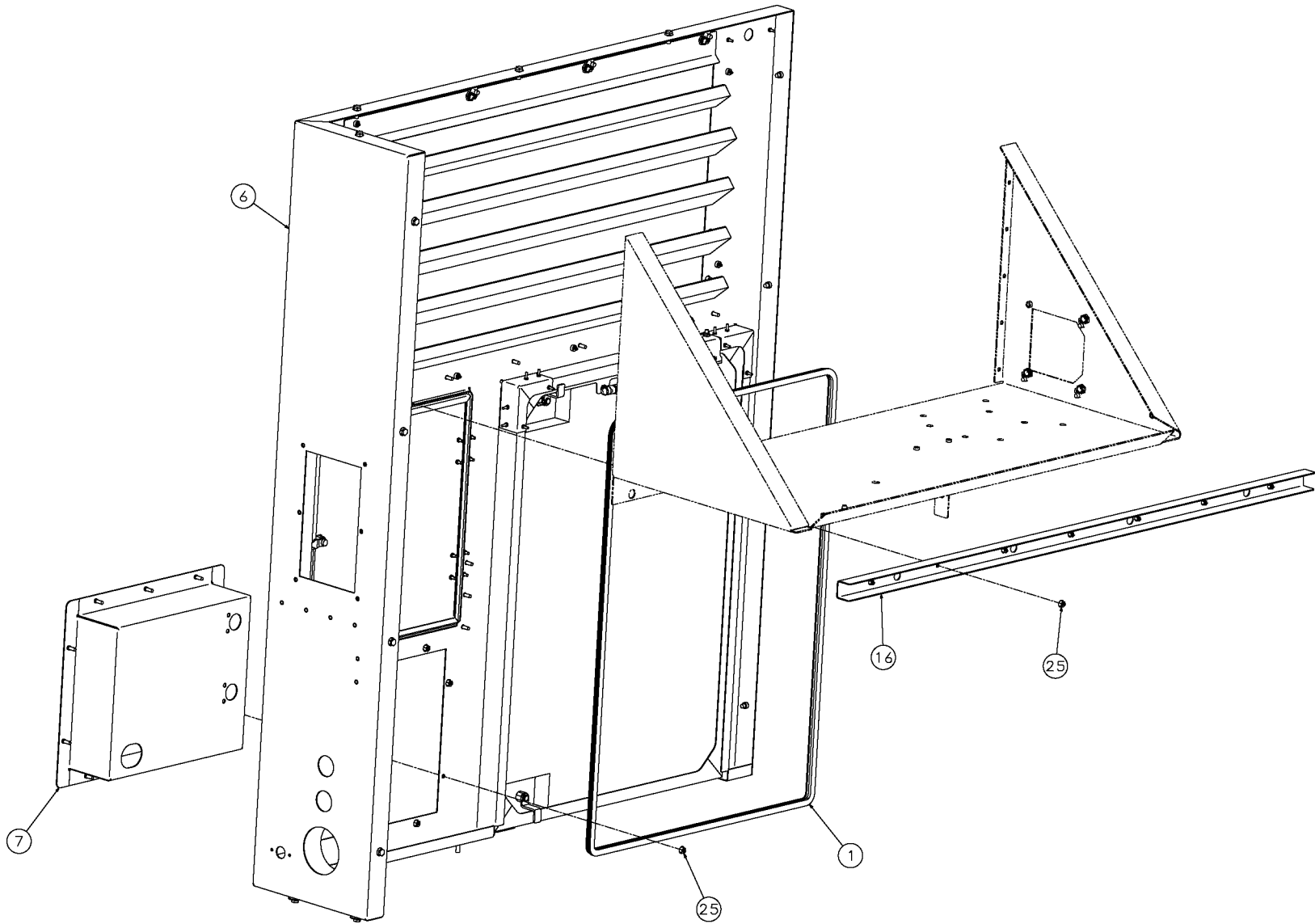


02250204-755 R04 S2



1600iT4 CAT LP_02250207-735 R01

1.30 CANOPY



02250204-755 R04 S3

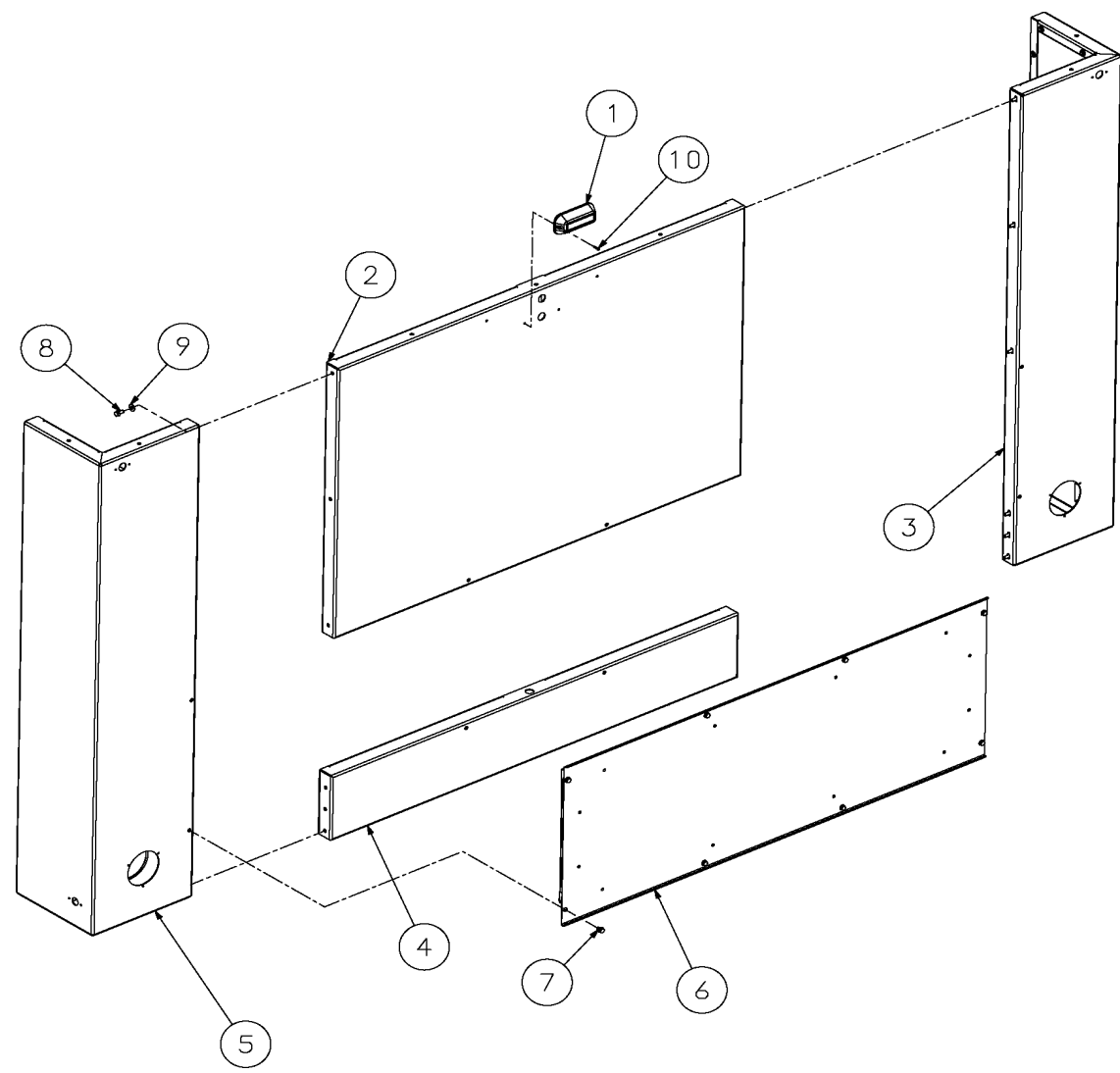


1600iT4 CAT LP_02250207-735 R01

1.30 CANOPY

KEY	PART NO.	GREEN P/N	WHITE P/N	YELLOW P/N	STAINLESS	QTY	DESCRIPTION
1	02250158-314					87	GASKET, SPONGE-RUBBER BLACK
2	02250174-393					9	PLUG,HOLE 1.00 BLACK NYLON
3	02250202-840	02250202-841	02250202-842	02250202-843	02250202-844	1	PNL, ASSY EXH END TAB 1600F
4	02250202-912	02250202-913	02250202-914	02250202-915	02250202-916	1	PNL, ASSY CS ACCESS TAB 1600F
5	02250202-948	02250202-949	02250202-950	02250202-951	02250202-952	1	PNL, ASSY RS ACCESS TAB 1600F
6	02250202-973	02250202-974	02250202-975	02250202-976	02250202-977	1	PNL,ASSY FRONT END 1600F TAB
7	02250203-001					1	PNL, BEZEL SERVICE VLVS 1600F
8	02250203-020	02250203-021	02250203-022	02250203-023	02250203-024	1	PNL, ROOF FRONT TAB 1600F
9	02250203-025	02250203-026	02250203-027	02250203-028	02250203-029	1	PNL, ROOF MID TAB 1600F
10	02250203-030	02250203-031	02250203-032	02250203-033	02250203-034	1	PNL, ROOF EXH TAB 1600F
11	02250204-962	02250204-963	02250204-964	02250204-965	02250204-966	1	PNL,CS FRNT TAB 1600F
12	02250204-993	02250204-994	02250204-995	02250204-996	02250204-997	1	PNL,RS FRNT TAB 1600F
13	02250206-703	02250206-876	02250206-877	02250206-878	02250206-879	1	PNL, ROOF EXH TAB 1600F
14	02250206-880					1	GD, CANOPY EXHAUST 1600F
15	02250206-881					1	GD, PANEL, EXHAUST, 1600F
16	02250207-118					1	SUPT,BRACKET FRONT PANEL 1600F
17	02250207-262					1	BAF,DOOR CS 1600F
18	02250209-324					1	BAF, DOOR RS 1600F
19	02250209-340					1	SUPT, BAFF 1600F DOOR
20	250022-436					8	WEATHERSTRIP, RIBBED 3/16" X 3/8" (FT)
21	825305-283					4	NUT, HEX F PLTD 5/16-18
22	829705-075					76	SCREW, HEX SER WASHER 5/16-18 X 3/4
23	829705-100					57	SCREW, HEX SER WASHER 5/16-18 X 1
24	838305-071					37	WASHER, PL-B WIDE PLTD 5/16
25	879504-236					53	NUT, HEX FLGD SS 1/4-20
26	879905-075					6	SCREW, HX SER WSHR 5/16 X 3/4"
27	880305-071					10	WSHR, PL B REG SS 5/16"
EXPLODED VIEW NOTES:							
A1:	IF COLUMN PART NUMBERS LEFT BLANK FOR COLORED ASSEMBLY, REFER TO THE BASE PART NUMBER IN FIRST COLUMN.						
A2:	THROUGH FRAME						
A3:	INSTALL WEATHERSTRIP 250022-436 (ITEM 167296) BETWEEN TOP EDGES OF ITEMS 211476 AND 211477.						

1.31 CANOPY REAR ASSEMBLY



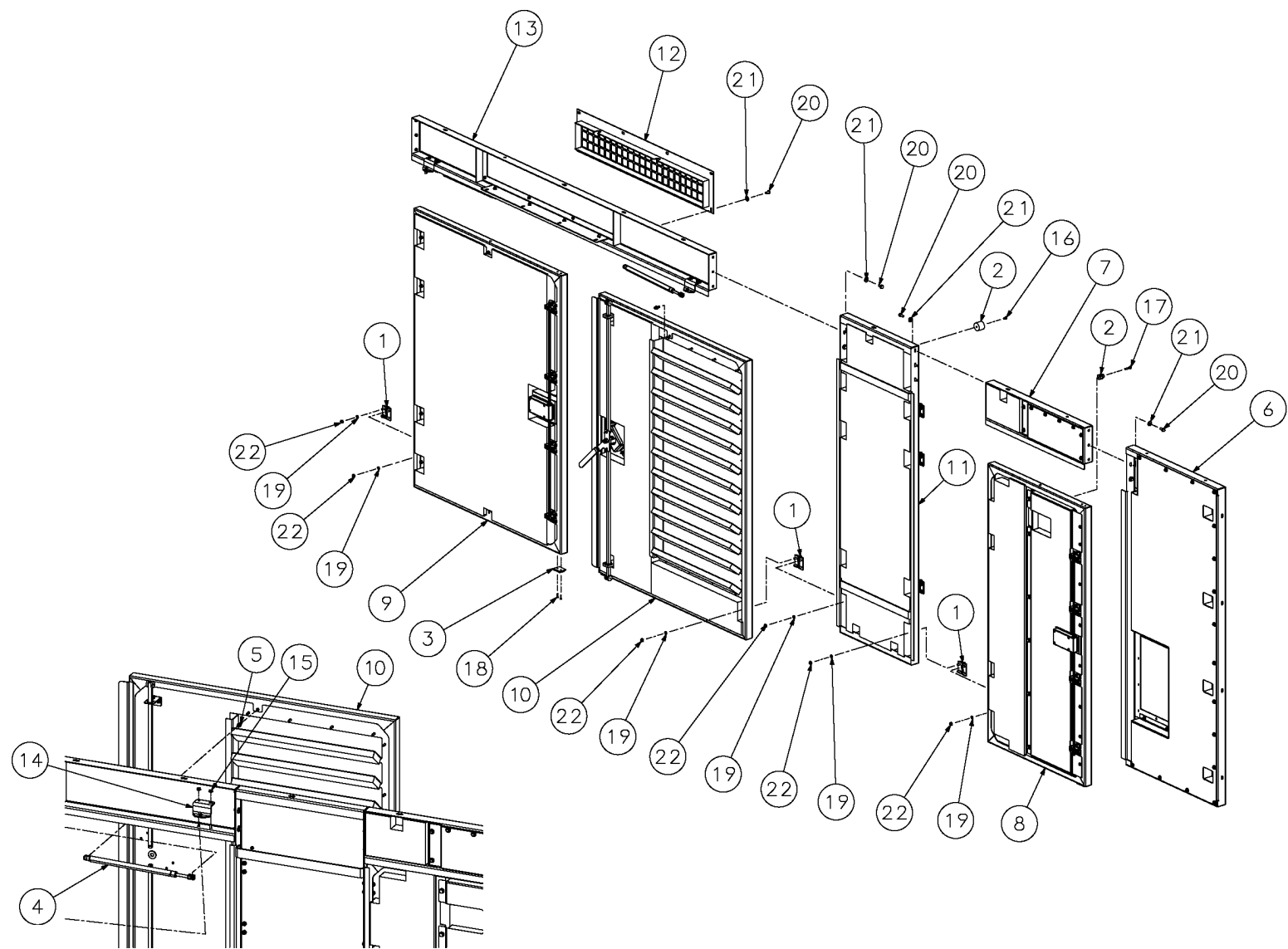
02250202-840 R02



1.31 CANOPY REAR ASSEMBLY

KEY	PART	GREEN P/N	WHITE P/N	YELLOW P/N	STAINLESS	QTY	DESCRIPTION	NOTES
1	02250187-535					1	LAMP, STROBE 12/24 VDC	
2	02250202-845	02250202-846	02250202-884	02250202-885	02250202-886	1	PNL, EXH END DOOR TOP TAB 1600F	
3	02250204-973	02250204-974	02250204-975	02250204-976	02250204-977	1	PNL, CS EXH END CNR TAB 1600F	
4	02250204-978	02250204-979	02250204-980	02250204-981	02250204-982	1	PNL, EXH END DOOR BTM TAB 1600F	
5	02250204-983	02250204-984	02250204-985	02250204-986	02250204-987	1	PNL, RS EXH END CNR TAB 1600F	
6	02250206-944	02250206-945	02250206-946	02250206-947	02250206-948	1	PNL, CAN SER ACCESS 1600F TAB	
7	829705-050					8	SCREW, HEX SER WASHER 5/16-18 X 1/2	
8	879905-075					12	SCREW, HX SER WSHR 5/16 X 3/4"	
9	880305-071					12	WSHR, PL B REG SS 5/16"	
10	895401-075					2	CAPSCR, SOC BTN HD #8-32 X 3/4	

1.32 CANOPY CURB-SIDE ASSEMBLY



02250202-912 R02



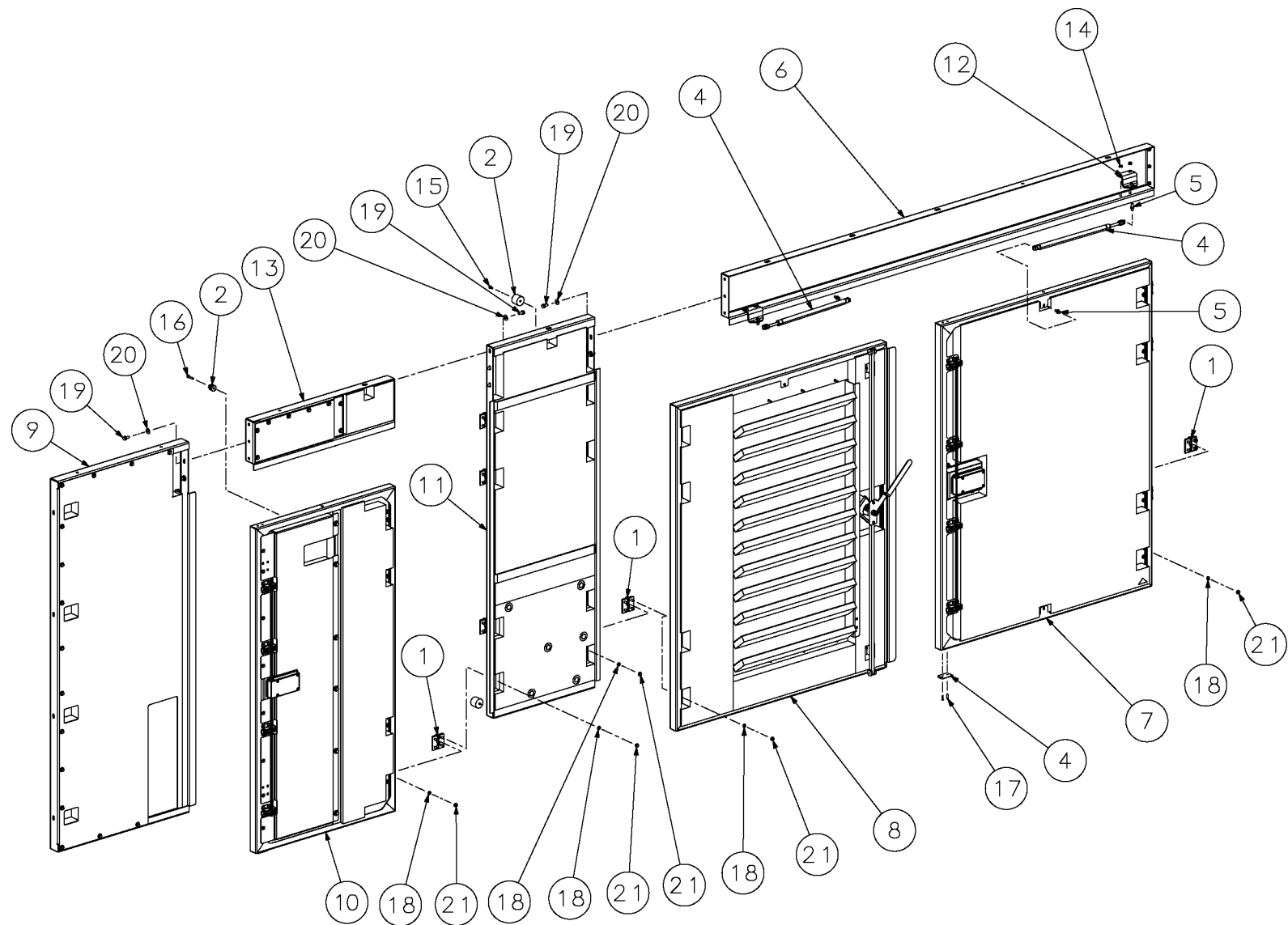
1600iT4 CAT LP_02250207-735 R01

1.32 CANOPY CURB-SIDE ASSEMBLY

KEY	PART NO.	GREEN P/N	WHITE P/N	YELLOW P/N	STAINLESS	QTY	DESCRIPTION
1	02250168-277					12	HINGE, DR HD 2 3/8" SQ X 5/16" PIN
2	02250181-274					2	HOLDER, DOOR RUBBER
3	02250184-022					2	PLT, DOOR WEAR CANOPY
4	02250188-402					2	SPG, GAS PISTON DOOR T4
5	02250188-404					4	STUD, BALL 10MM X 5/16 THD T4
6	02250202-877	02250202-878	02250202-879	02250202-880	02250202-881	1	PNL, CS REAR TAB 1600F
7	02250202-882	02250202-883	02250202-884	02250202-885	02250202-886	1	PNL, SM DOOR TOP TAB 1600F
8	02250202-887	02250202-888	02250202-889	02250202-890	02250202-891	1	PNL, DOOR CS CLR ACC TAB 1600F
9	02250202-929	02250202-931	02250202-933	02250202-934	02250202-935	1	PNL, DOOR SIDE TAB 1600F
10	02250202-936	02250202-937	02250202-938	02250202-939	02250202-940	1	PNL, DOOR CS INL TAB 1600F
11	02250204-967	02250204-968	02250204-969	02250204-970	02250204-972	1	PNL, SIDE MID TAB 1600F
12	02250205-792	02250205-900	02250205-901	02250205-902	02250205-903	1	PNL, BAF AIR INTAKE TAB 1600F
13	02250205-856	02250205-857	02250205-858	02250205-859	02250205-860	1	PNL, LG DOOR TOP TAB
14	02250206-209					2	SUPT, GAS PISTON T4 CS
15	825304-236					4	NUT, HEX F PLTD 1/4-20
16	828006-012					2	CAPSCR, HEX 8.8 M6 X 12MM
17	828006-030					2	CAPSCR, HEX 8.8 M6 X 30MM
18	831202-075					2	SCREW, MACH-FLAT HD #10-24 X 3/4
19	865308-150					48	WASHER, METRIC-ISO 7092 8 X 15
20	879905-075					13	SCREW, HX SER WSHR 5/16 X 3/4"
21	880305-071					13	WSHR, PL B REG SS 5/16"
22	884708-125					48	NUT, HEX LOCKING M8

	GREEN GALVANNEAL	WHITE GALVANNEAL	YELLOW GALVANNEAL	304 STAINLESS
ASSEMBLY P/N	02250202-913	02250202-914	02250202-915	02250202-916
REVISION	3	3	3	3

1.33 CANOPY REAR SIDE ASSEMBLY



02250202-948 R03



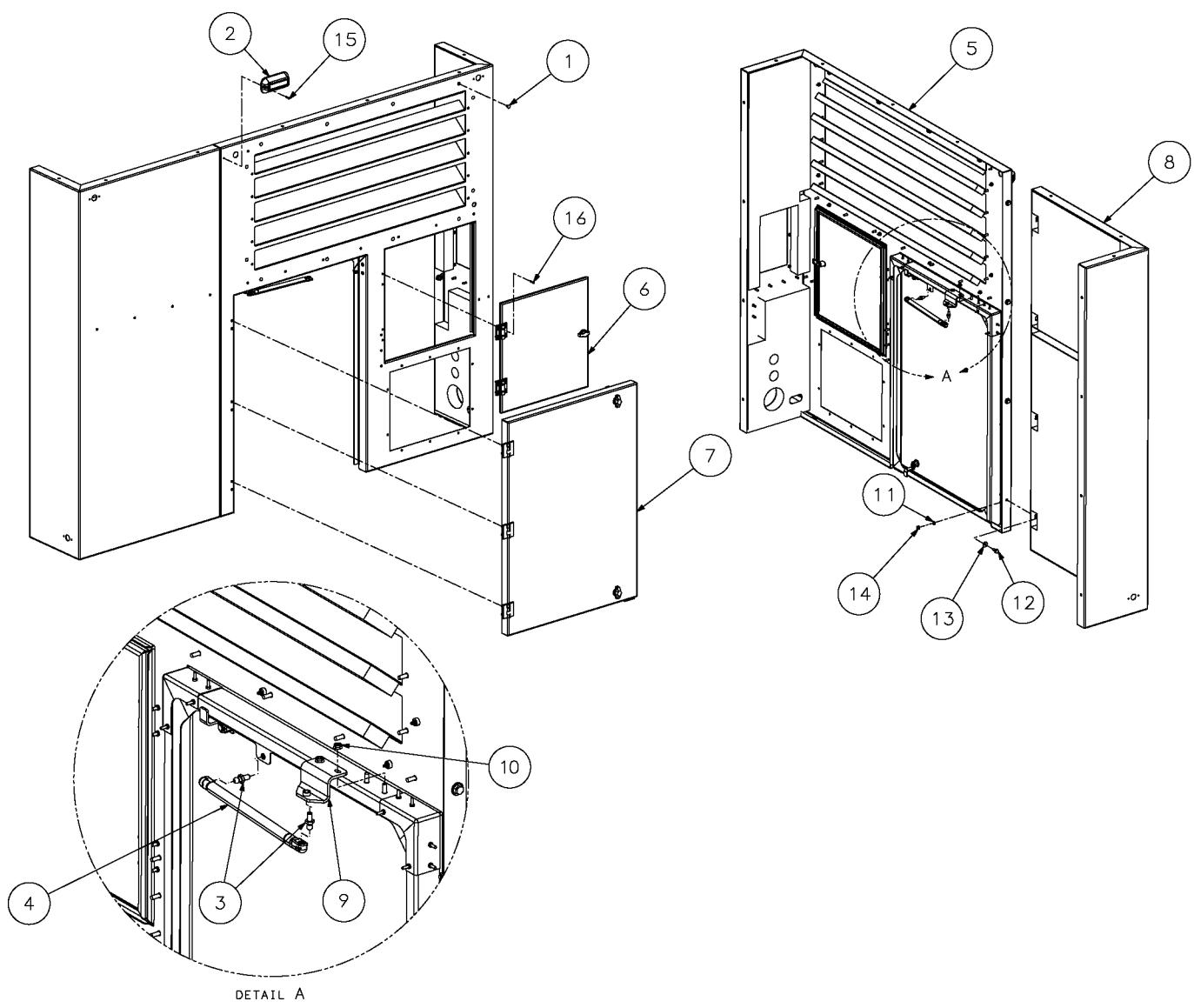
1600iT4 CAT LP_02250207-735 R01

1.33 CANOPY REAR SIDE ASSEMBLY

KEY	PART	GREEN P/N	WHITE P/N	YELLOW P/N	STAINLESS	QTY	DESCRIPTION
1	02250168-277					12	HINGE, DR HD 2 3/8"SQ X 5/16"PIN
2	02250181-274					2	HOLDER, DOOR RUBBER
4	02250188-402					2	SPG,GAS PISTON DOOR T4
5	02250188-404					4	STUD, BALL 10MM X 5/16 THD T4
6	02250202-918	02250202-919	02250202-920	02250202-922	02250202-924	1	TAB,CS DBL DR HEADER
7	02250202-929	02250202-931	02250202-933	02250202-934	02250202-935	1	PNL, DOOR SIDE TAB 1600F
8	02250202-953	02250202-954	02250202-955	02250202-956	02250202-957	1	PNL, DOOR RS INL TAB 1600F
9	02250204-988	02250204-989	02250204-990	02250204-991	02250204-992	1	PNL,RS REAR TAB 1600F
10	02250205-224	02250205-225	02250205-226	02250205-227	02250205-228	1	PNL,DOOR RS CLR ACC TAB 1600F
11	02250205-244	02250205-245	02250205-246	02250205-247	02250205-248	1	PNL,SIDE MID TAB 1600F
12	02250206-209					2	SUPT, GAS PISTON T4 CS
13	02250206-297	02250206-298	02250206-299	02250206-300	02250206-301	1	TAB,CS DBL DR HEADER
14	825304-236					4	NUT, HEX F PLTD 1/4-20
15	828006-012					2	CAPSCR, HEX 8.8 M6 X 12MM
16	828006-030					2	CAPSCR, HEX 8.8 M6 X 30MM
17	831202-075					2	SCREW, MACH-FLAT HD #10-24 X 3/4
18	865308-150					48	WASHER, METRIC-ISO 7092 8 X 15
19	879905-075					9	SCREW, HX SER WSHR 5/16 X 3/4"
20	880305-071					9	WSHR, PL B REG SS 5/16"
21	884708-125					48	NUT, HEX LOCKING M8

	GREEN GALVANNEAL	WHITE GALVANNEAL	YELLOW GALVANNEAL	304 STAINLESS
ASSEMBLY P/N	02250202-949	02250202-950	02250202-951	02250202-952
REVISION	3	3	3	3

1.34 CANOPY FRONT ASSEMBLY



02250202-973 R03



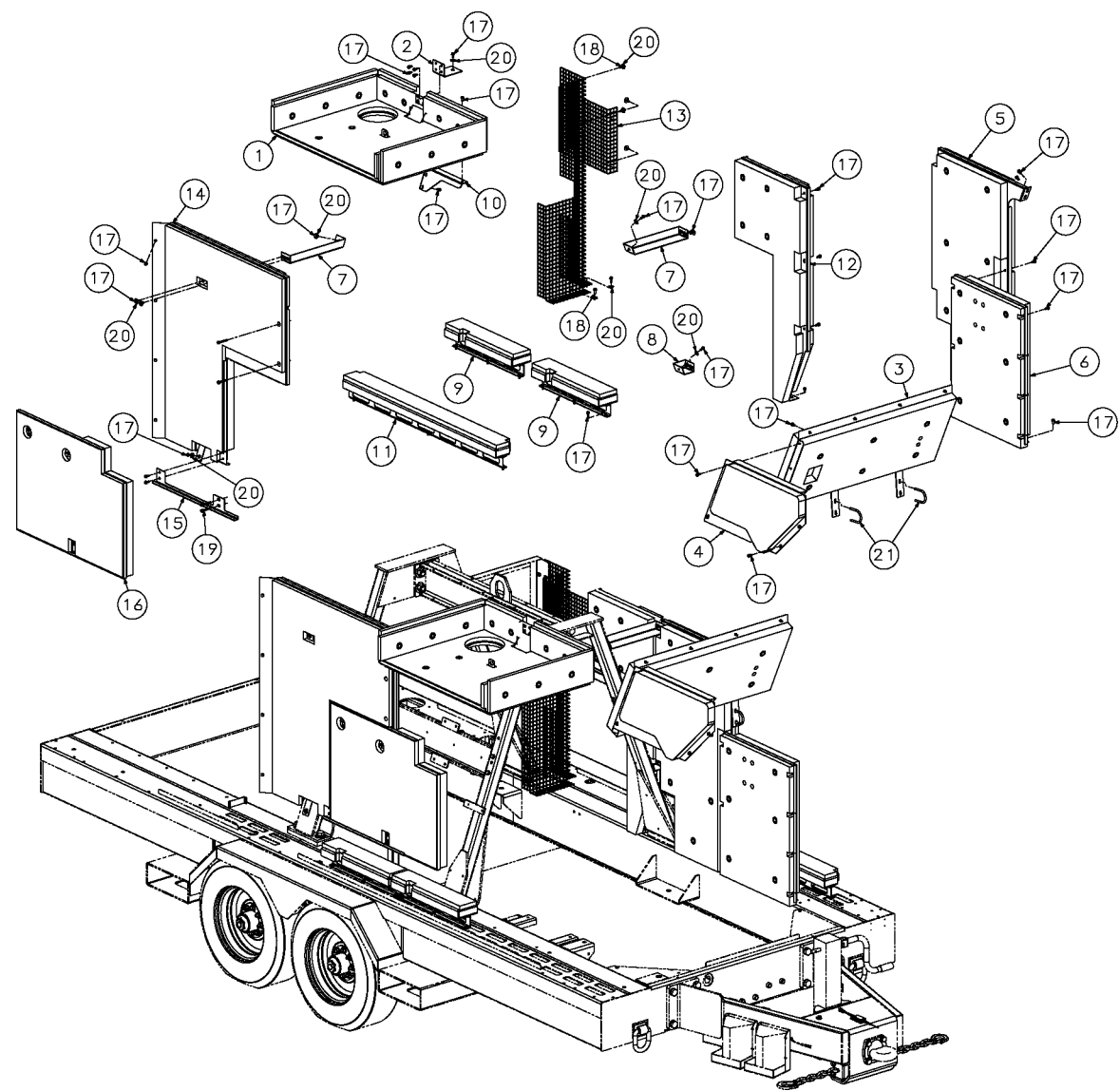
1600iT4 CAT LP_02250207-735 R01

1.34 CANOPY FRONT ASSEMBLY

KEY	PART	GREEN P/N	WHITE P/N	YELLOW P/N	STAINLESS	QTY	DESCRIPTION
1	02250166-898					12	PLUG, HOLE 750-900 T3
2	02250187-535					1	LAMP, STROBE 12/24 VDC
3	02250188-404					2	STUD, BALL 10MM X 5/16 THD T4
4	02250190-253					1	SPG,GAS PISTON DOOR LG
5	02250202-978	02250202-979	02250202-980	02250202-981	02250202-982	1	PNL, FRONT END TAB 1600F
6	02250202-983	02250202-984	02250202-985	02250202-986	02250202-987	1	PNL, DOOR CNTRLR TAB 1600F
7	02250202-988	02250202-989	02250202-990	02250202-991	02250202-992	1	PNL, DOOR FRONT TAB 1600F
8	02250204-998	02250204-999	02250205-001	02250205-002	02250205-003	1	PNL, FRONT END TAB 1600F
9	02250206-209					1	SUPT, GAS PISTON T4 CS
10	825304-236					2	NUT, HEX F PLTD 1/4-20
11	865308-150					6	WASHER, METRIC-ISO 7092 8 X 15
12	879905-075					4	SCREW, HX SER WSHR 5/16 X 3/4"
13	880305-071					4	WSHR, PL B REG SS 5/16"
14	884708-125					6	NUT, HEX LOCKING M8
15	895401-075					2	CAPSCR,SOC BTN HD #8-32 X 3/4
16	895402-075					4	CAPSCR,SOC BTN HD #10-24 X 3/4

	GREEN GALVANNEAL	WHITE GALVANNEAL	YELLOW GALVANNEAL	304 STAINLESS
ASSEMBLY P/N	02250202-974	02250202-975	02250202-976	02250202-977
REVISION	3	3	3	3

1.35 ACOUSTICAL PANELS



02250205-682 R02

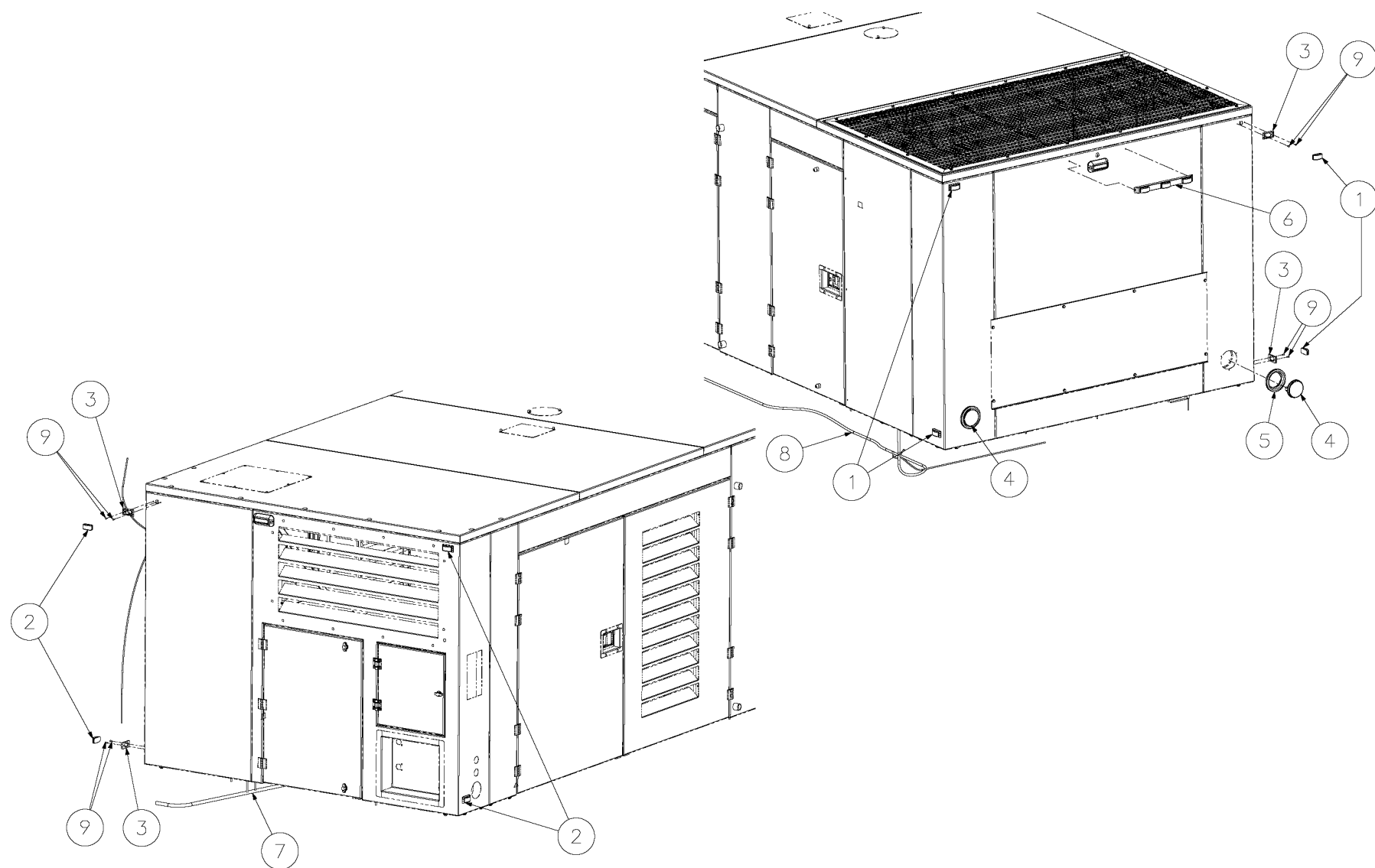


1600iT4 CAT LP_02250207-735 R01

1.35 ACOUSTICAL PANELS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250205-782	1	BAF, AIR INTAKE 1600F	
2	02250205-791	1	SUPT, BRKT BAF AIR INLET 1600F	
3	02250205-807	1	BAF, AFT CLR AIR INLET 1600F	
4	02250205-809	1	BAF, AFT CLR AIR INLET 2 1600F	
5	02250205-846	1	BAF, LS MIDDLE CURB SIDE 1600F	
6	02250205-847	1	BAF, COMP CURB SIDE 1600F	
7	02250205-848	2	SUPT, BRKT TOP CURB SIDE 1600F	
8	02250205-849	1	SUPT, BRKT BOTTOM CURB SIDE 1600F	
9	02250205-909	2	BAF, SOUND FRAME 1600F	
10	02250206-095	1	SUPT, BRKT AIR INLET BAFFLE 1600F	
11	02250206-121	1	BAF, SOUND FRAME 1600F	
12	02250209-321	1	BAF, RS MIDDLE CURB SIDE 1600F	
13	02250209-329	1	GD, FAN 1600F SS	
14	02250209-331	1	BAF, PANEL 1600F CS	
15	02250209-334	1	CHAN, J 1600F CS BAF	
16	02250209-336	1	BAF, 1600F CS REMOVABLE	
17	829705-075	57	SCREW, HEX SER WASHER 5/16-18 X 3/4	
18	829705-100	7	SCREW, HEX SER WASHER 5/16-18 X 1	
19	829705-250	4	SCREW, HEX SER WASHER 5/16-18 X 2 1/2	
20	838305-071	14	WASHER, PL-B WIDE PLTD 5/16	
21	868306-200	2	U-BOLT, 3/8" X 2" PIPE PLTD	

1.36 TAIL LIGHTS



02250204-799 R03

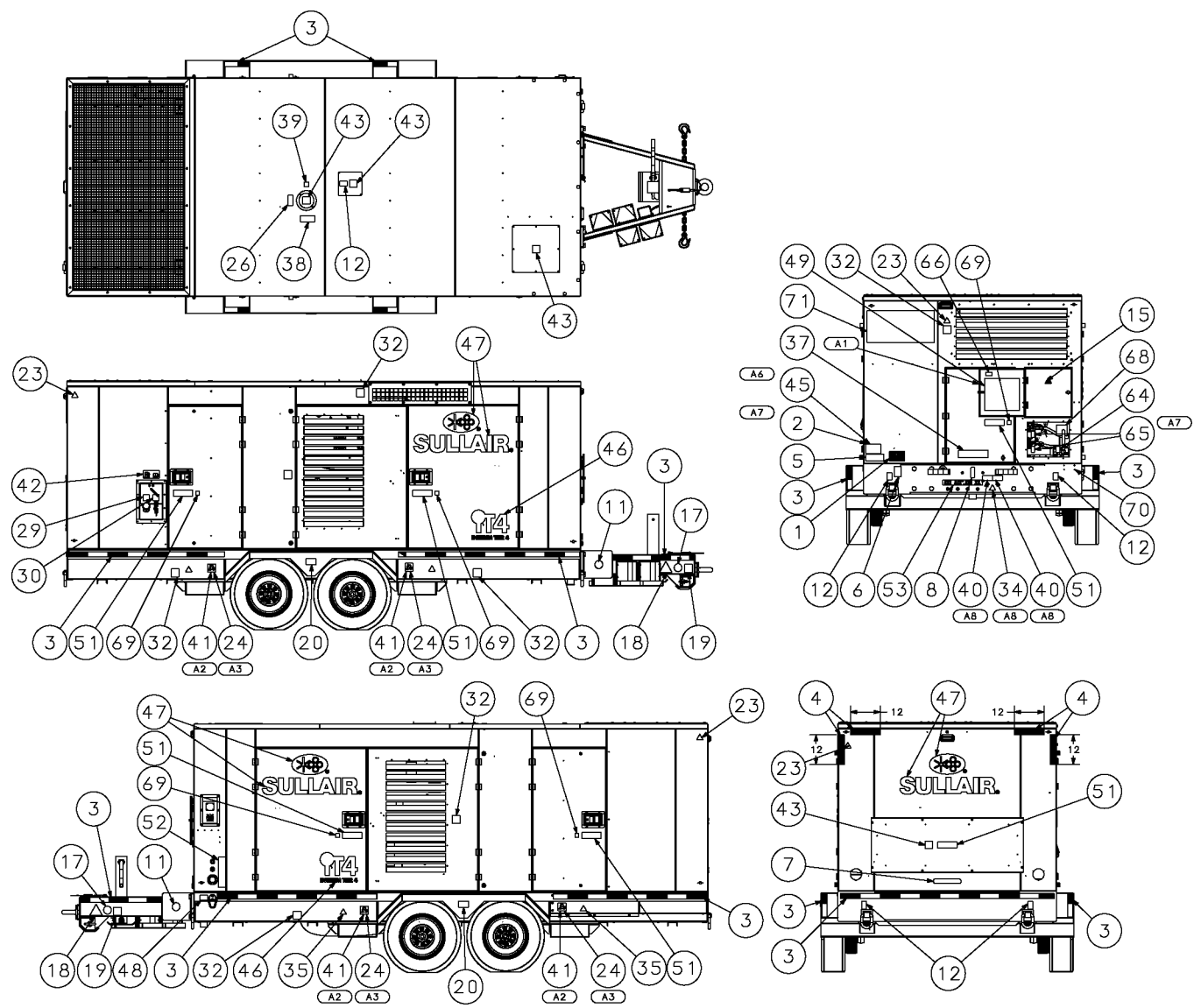


1600i T4 CAT LP_02250207-735 R01

1.36 TAIL LIGHTS

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250139-569	4	LAMP, SIDE CLEARANCE RED	
2	02250139-570	4	LAMP, SIDE CLEARANCE YELLOW	
3	02250139-571	8	HLDR, LAMP SIDE CLEARANCE BLK	
4	02250163-493	2	LAMP, TAIL RED LED SHK MTG	
5	02250163-494	2	GROMMET, PVC TAIL LAMP MTG	
6	02250193-713	1	LAMP, TRI-ID CLEARANCE RED LED	
7	02250202-820	1	HARN, WIRING FRT RUN LIGHTS 1600F	
8	02250202-821	1	HARN, WIRING REAR RUN LIGHTS 1600F	
9	876002-050	16	SCREW, RND PHILLIPS 10-24 X 1/2"	

1.37 DECALS (DTQ) DRAWING

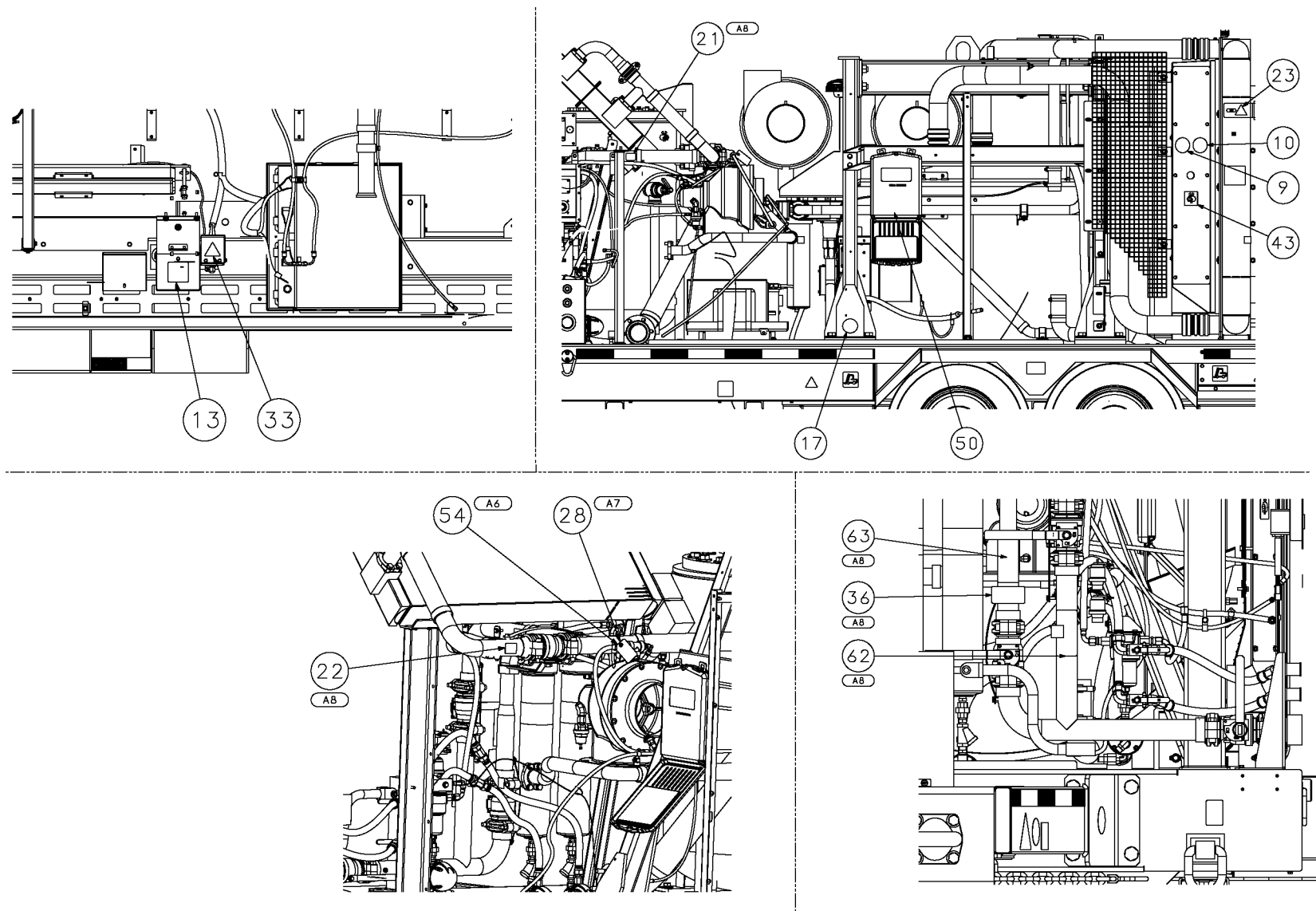


02250204-800 R01 S1



1600i4 CAT LP_02250207-735 R01

1.37 DECALS (DTQ) DRAWING

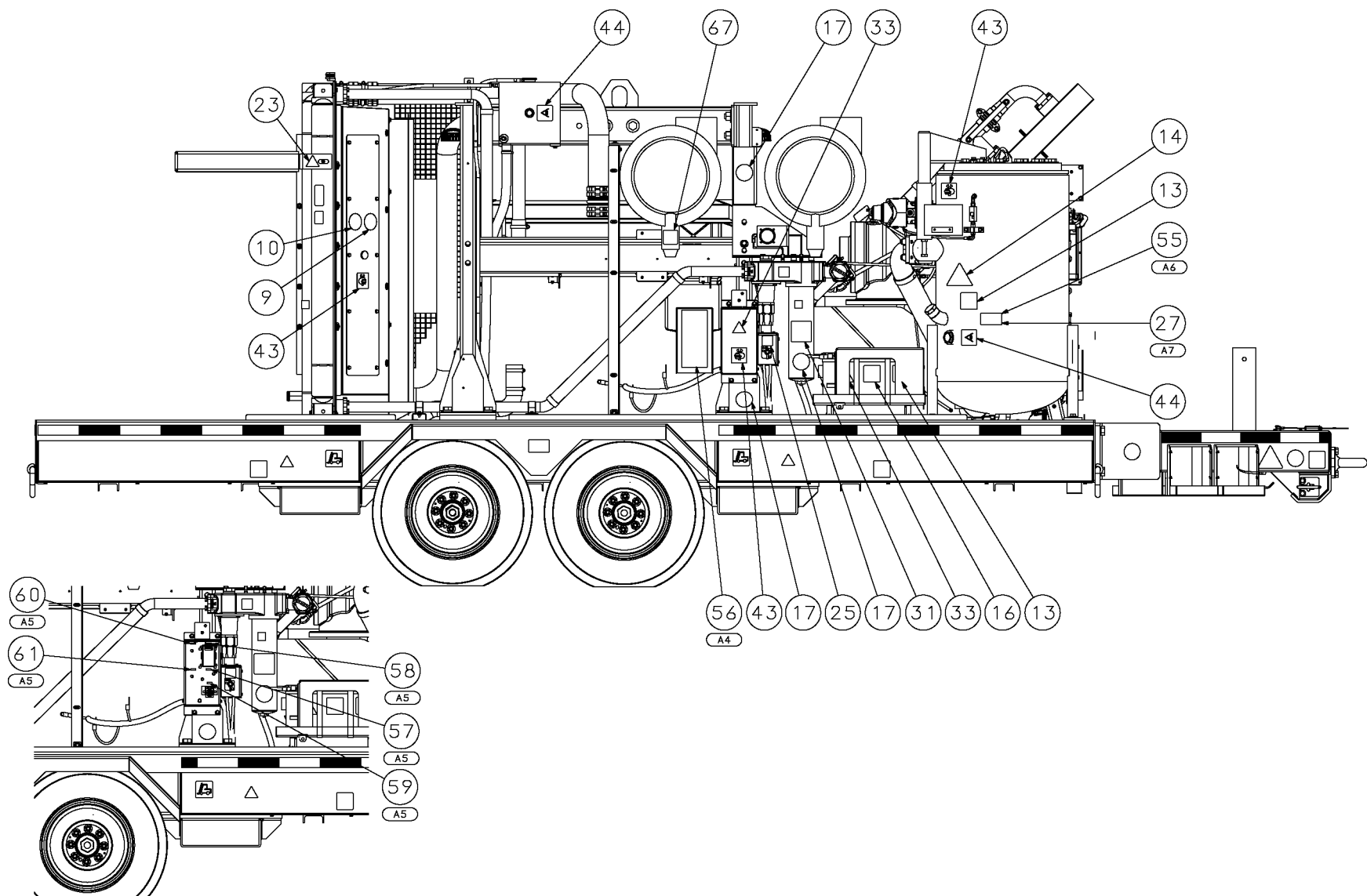


02250204-800 R01 S2



1600iT4 CAT LP_02250207-735 R01

1.37 DECALS (DTQ) DRAWING



02250204-800R01 S3



1600iT4 CAT LP_02250207-735 R01

1.37 DECALS (DTQ) DRAWING

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250057-624	1	DECAL, ISO 9001 BLK 3.44X5.75	
2	02250097-455	1	DECAL, 5 YEAR WARRANTY AWF	
3	02250101-375	37	DECAL, CONSPICUITY TAPE 2" R/W	
4	02250101-442	4	DECAL, CONSPICUITY TAPE 2" WHITE	
5	02250109-529	1	DECAL, CAT DIESEL POWER	
6	02250118-638	1	DECAL, LEAD WARN. PROP. 65	
7	02250155-495	1	DECAL, BLACK WWW.SULLAIR.COM	
8	02250166-385	1	DECAL, CONTAINMENT DRAIN	
9	02250171-788	2	DECAL, DO NOT OPER W/O GRD #2	
10	02250171-789	2	DECAL, DO NOT OPER W/O GRD #3	
11	02250171-790	2	DECAL, PROP STAND, HAND BRAKE, & WHL CHOCKS	
12	02250171-794	5	DECAL, TIE DOWN	
13	02250171-798	3	DECAL, DO NOT STAND ON SVS VLV	
14	02250171-808	1	DECAL, PRESSURIZED VESSEL	
15	02250171-813	1	DECAL, WARNING REMOTELY CONTROLLED	
16	02250171-814	1	DECAL, CORROSIVE	
17	02250171-815	6	DECAL, READ INSTRUCTION MANUAL	
18	02250171-818	2	DECAL, WARNING	
19	02250171-821	2	DECAL, TOW BAR/COMMENCING	
20	02250172-064	2	DECAL, AXLE LUBRICATION INSTR	
21	02250172-091	1	DECAL, STANDARD AIR	
22	02250172-092	1	DECAL, AFTERCOOLED AIR	
23	02250172-271	6	DECAL, WARNING HOT SURFACES	
24	02250172-274	4	DECAL, DO NOT FORK LIFT HERE	
25	02250172-275	1	DECAL, BATTERY DISCONNECT	
26	02250172-276	1	DECAL, RAD FILL/HOT/SEE MANUAL	
27	02250172-282	1	DECAL, COMPR OIL SULLAIR AWF	
28	02250172-283	1	TAG, INLET VALVE OIL CHAMBER FILL IND.	
29	02250172-284	1	DECAL, INTERNAL FUEL	
30	02250172-285	1	DECAL, EXTERNAL FUEL	

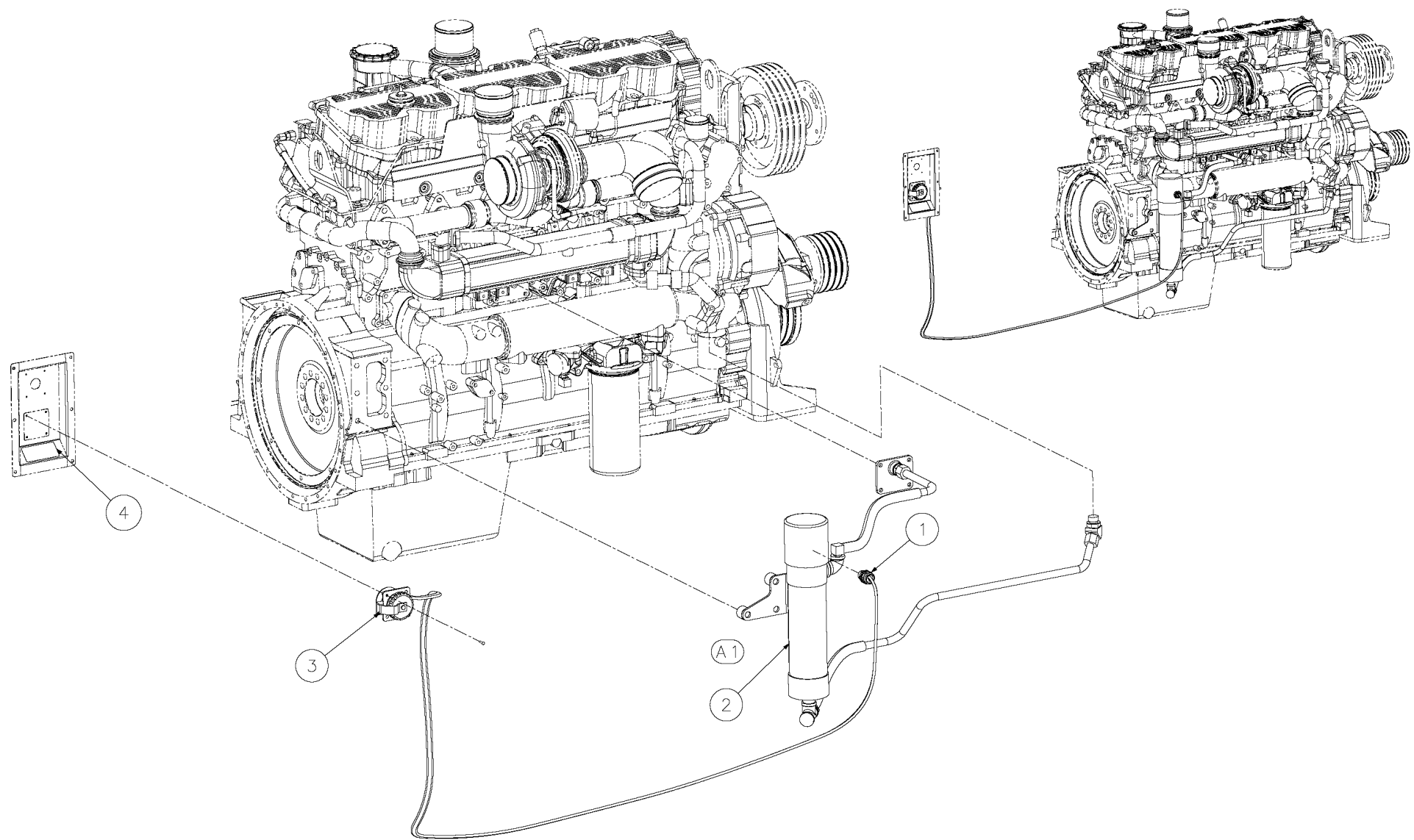
1.37 DECALS (DTQ) DRAWING

KEY	PART NO.	QTY	DESCRIPTION	NOTES
31	02250172-298	1	DECAL, COMPR OIL FILTER ELEMENT REPL	
32	02250172-303	7	DECAL, INTAKE AIR	
33	02250172-453	3	DECAL, WARNING ELECTRICAL SHOCK	
34	02250172-457	1	DECAL, WARNING EXHAUST GASES	
35	02250172-459	4	DECAL, WARNING	
36	02250172-803	1	DECAL, CAUTION BELOW 0 READ MANUAL	
37	02250172-828	1	DECAL, DO NOT GROUP 185-375 T3	
38	02250173-353	1	DECAL, CAUTION DO NOT MIX	
39	02250179-647	1	DECAL, COMPR FIL W/MOBIL DELVAC	
40	02250181-498	2	DECAL, DRAIN WATER CONDENSATE	
41	02250186-320	4	DECAL, FORK LIFT HERE	
42	02250201-729	1	DECAL, ULTRA LOW SULFUR DIESEL FUEL	
43	02250201-850	8	DECAL, SERVICE POINT	
44	02250201-851	2	DECAL, EXAMINE/CHECK	
45	02250207-463	1	DECAL, HPL1500 5 YEAR WARRANTY 350PSIG +	
46	02250207-540	2	DECAL, IT4 INTERIM TIER 4 15.0L	
47	02250208-167	3	DECAL, SULLAIR TOP LOGO 40.0L	
48	02250208-278	1	DECAL, DISCHARGE TIE DOWN ONLY	
49	02250208-279	1	DECAL, CPRO STARTUP	
50	02250208-280	1	DECAL, GENERAL MAINTENANCE	
51	02250208-383	6	DECAL, DOOR STD WARNING 1600F	
52	02250208-388	1	DECAL, DO NOT GROUP, VERTICAL 1600F	
53	02250208-389	1	DECAL, DRAINS 1600F	
54	02250208-395	1	TAG, INLET VALVE OIL CHAMBER FILL IND.	
55	02250208-396	1	DECAL, COMPR OIL SULLAIR HPL 1500	
56	02250208-402	1	DECAL, FUSE BLOCK 1600F	
57	02250208-418	1	DECAL, 100AMP CIRCUIT BREAKER	
58	02250208-419	1	DECAL, FUSE BLOCK	
59	02250208-420	1	DECAL, STARTER RELAY	
60	02250208-421	1	DECAL, FUEL PRIMER RELAY	

1.37 DECALS (DTQ) DRAWING

KEY	PART NO.	QTY	DESCRIPTION	NOTES
61	02250208-422	1	DECAL, AUX. FUEL PUMP	
62	02250208-447	1	DECAL, VALVE POSITION STD 1600F	
63	02250208-449	1	DECAL, VALVE POSITION AC 1600F	
64	02250208-468	1	DECAL, SRVC VLVE MAIN 1600F	
65	02250208-469	2	DECAL, SRVC VLVE	
66	02250208-521	1	DECAL, ETHER START KBI	
67	02250208-522	1	DECAL, AIR FILTER HOUSING LABEL	
68	49463	1	DECAL, NOISE EMISSION CONTROL	
69	250038-030	5	DECAL, CAUTION DOORS CLOSED	
70	843102-038	4	RIVET, POP 1/8 X 3/8	
71	MODEL	1	SEE CHART	
NOTES:				
A1:	DOOR SHOWN IN OPEN POSITION			
	TO SHOW DECALS ON INSIDE			
A2:	WITH FORK POCKETS ONLY			
A3:	WITHOUT FORK POCKETS ONLY			
A4:	INSIDE OF FUSEBOX COVER SHOWN			
	TO SHOW DECAL ON INSIDE			
A5:	FUSEBOX COVER REMOVED TO SHOW			
	DECALS INSIDE OF FUSEBOX			
A6:	HIGH PRESSURE 350PSI AND GREATER ONLY			
A7:	LOW PRESSURE 200PSI AND LOWER ONLY			
A8:	AFTERCOOLED MACHINES ONLY			
	MODEL	CHART		
	MODEL	PART NUMBER		
	1300H	02250208-578		

1.38 ENGINE BLOCK HEATER



02250204-802 R02

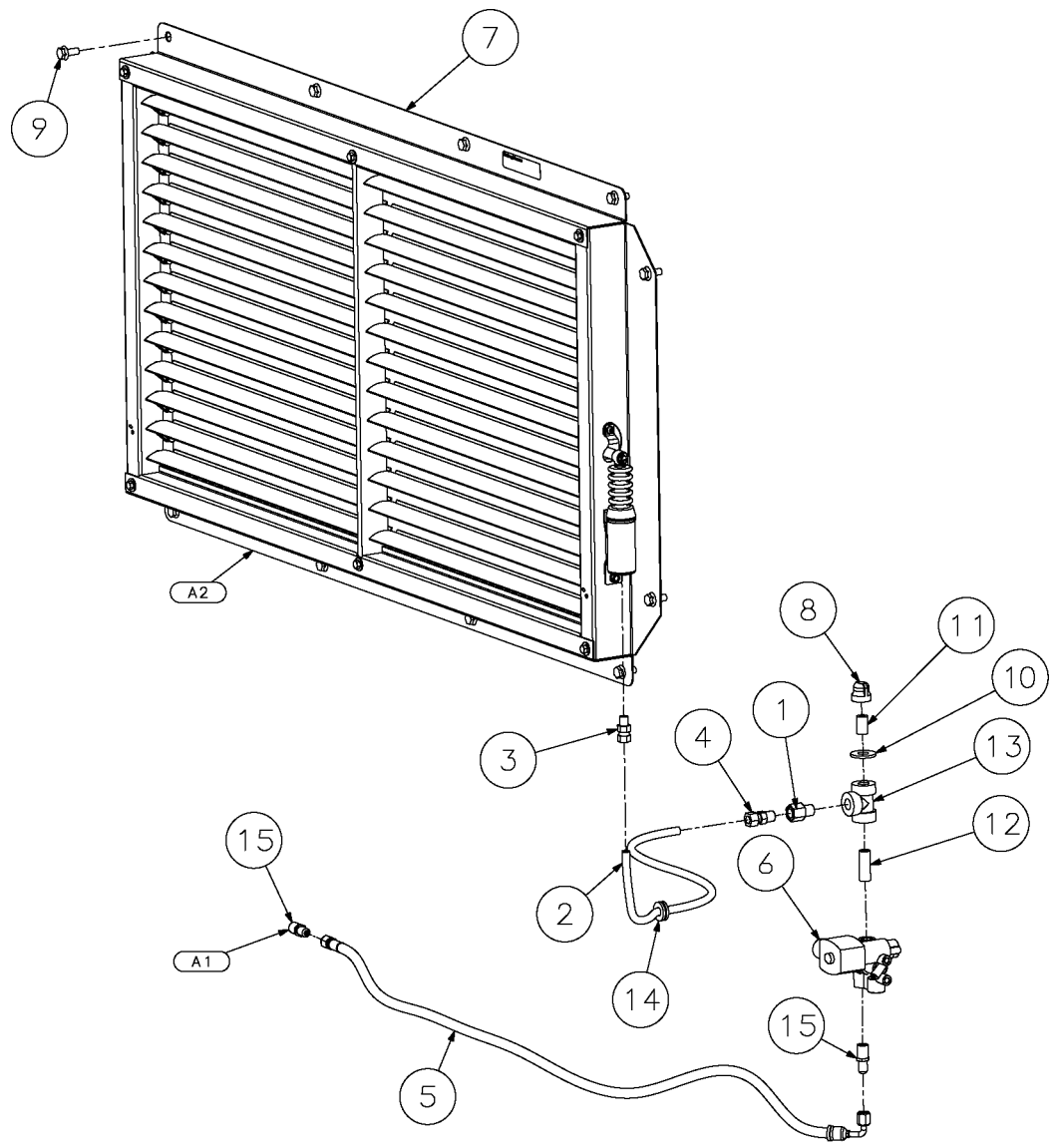


1600iT4 CAT LP_02250207-735 R01

1.38 ENGINE BLOCK HEATER

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250208-036	1	SA, ENGINE BLOCK HEATER 1600F	
2	02250208-117	1	HARN, BLOCK HEATER 1600F	
3	02250208-125	1	GRIP, CD 10-14-AWL	
4	02250208-387	1	DEC AL, BLOCK HEATER 1600F	
NOTES:				
A1	ALL MOUNTING HARDWARE INCLUDE WITH ITEM 1			

1.39 SHUTTERS OPTION



02250205-606 R02

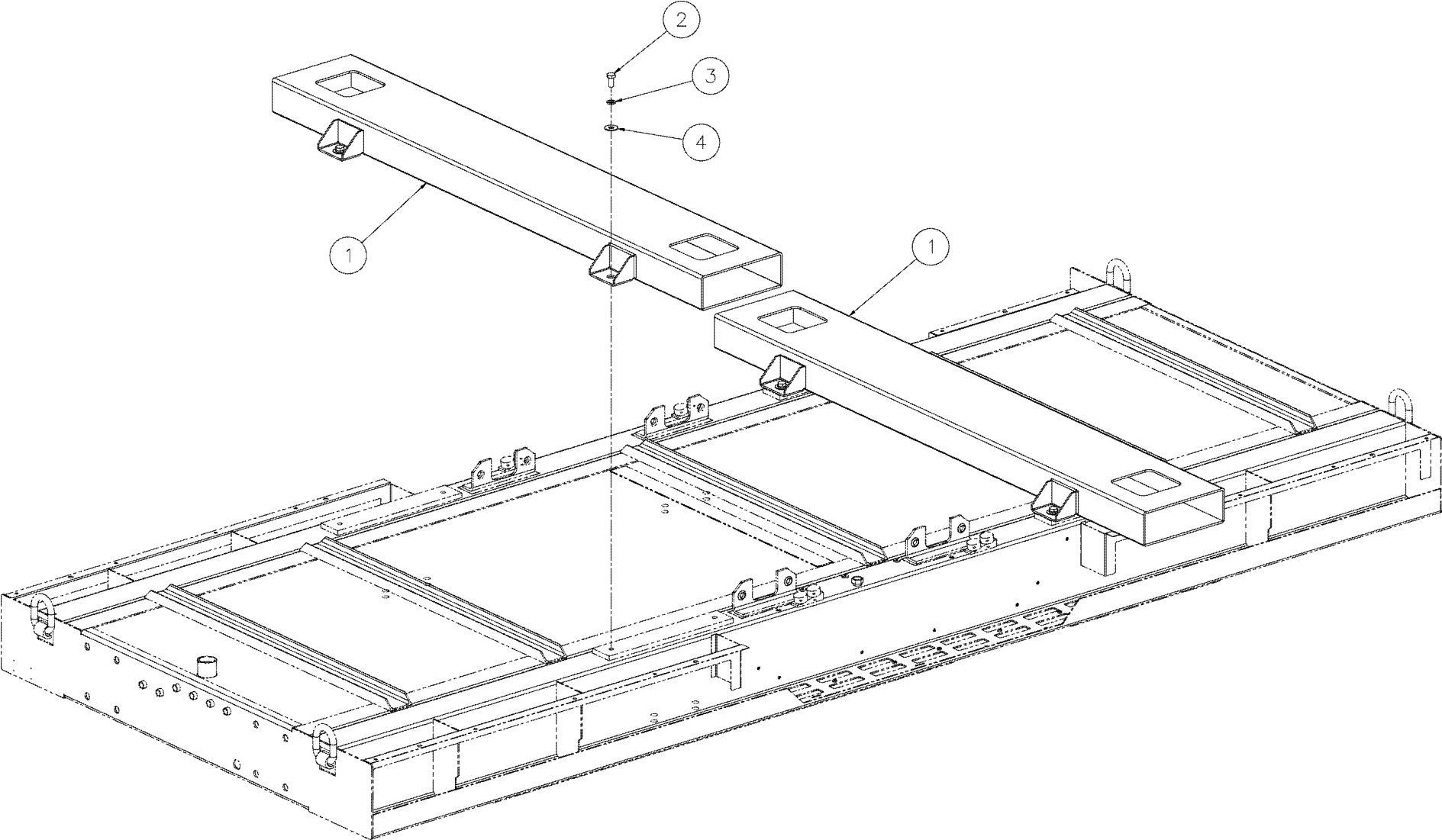


1600iT4 CAT LP_02250207-735 R01

1.39 SHUTTERS OPTION

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250091-395	1	ORF,.040 1/4FNPT X 1/4MNPT	
2	02250099-630	1	TUBE,NYLON 3/8" O.D. X .063W	
3	02250144-933	1	CONN,TUBE-M 3/8TUBE X 1/8"MNPTF	
4	02250148-188	1	CONN, 3/8 TUBE X 1/4NPT	
5	02250171-070	1	HOSE,MP .25 X 40" 37STR X 90DG	
6	02250172-577	1	VALVE, SOL 3-WAY W/VENT 1600D	
7	02250205-835	1	SHTR,COLD WEATHER 1600F	
8	806130-010	1	CAP, PIPE 1/4 300#	
9	829705-075	12	SCREW, HEX SER WASHER 5/16-18 X 3/4	
10	838208-112	1	WASHER, PL-B REG PLTD 1/2	
11	866404-000	1	NIPPLE, PIPE-XS PLT 1/4 X CL	
12	866404-015	1	NIPPLE, PIPE-XS PLT 1/4 X 1 1/2	
13	868430-010	1	TEE, PIPE PLTD 1/4	
14	871016-007	1	GROMMET,RUBBER 7/16X11/16X16GA	
15	889104-025	2	CONN, 37 FL/MPT SS 1/4 X 1/4	
NOTES:				
A1.	CONNECT TO DISCHARGE SYSTEM			
A2.	ATTACHED TO CANOPY			

1.40 FORK POCKETS OPTION

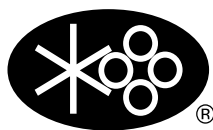


02250208-339 R00

1.40 FORK POCKETS OPTION

KEY	PART NO.	QTY	DESCRIPTION	NOTES
1	02250204-873	2	PKT, FORK LIFT 1600F	
2	829112-150	8	CAPSCREW, HEX GR5 3/4-10 X 1 1/2	
3	837812-188	8	WASHER, SPR LOCK REG PLTD 3/4	
4	838212-112	8	WASHER, PL-B REG PLTD 3/4	

NOTES



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