

PARTS MANUAL



WHISPERWATT SERIES MODEL DCA180SSJU4F3 60HZ GENERATOR (JOHN DEERE 6068HFG05 DIESEL ENGINE)

PARTS LIST NO. M3871301004I

Revision #6 (09/05/25)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

DCA180SSJU4F3 60 Hz Generator

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NOTICE

Specifications and part numbers are subject to change without notice.

NOTES



EXPLANATION OF CODE IN REMARKS COLUMN

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

NOTICE

The contents and part numbers listed in the parts section are subject to change without notice. Multiquip does not guarantee the availability of the parts listed.

SAMPLE PARTS LIST

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	12345	BOLT	1	INCLUDES ITEMS W/%
2%		WASHER, 1/4 IN.		NOT SOLD SEPARATELY
2%	12347	WASHER, 3/8 IN. ...	1	MQ-45T ONLY
3	12348	HOSE	A/R	MAKE LOCALLY
4	12349	BEARING	1	S/N 2345B AND ABOVE

NO. Column

Unique Symbols — All items with same unique symbol (@, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the “Remarks” column.

Duplicate Item Numbers — Duplicate numbers indicate multiple part numbers, which are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

NOTICE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

PART NO. Column

Numbers Used — Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at the time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the “Remarks” Column.

QTY. Column

Numbers Used — Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the “Remarks” Column.

REMARKS Column

Some of the most common notes found in the “Remarks” Column are listed below. Other additional notes needed to describe the item can also be shown.

Assembly/Kit — All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

“INCLUDES ITEMS W/(unique symbol)”

Serial Number Break — Used to list an effective serial number range where a particular part is used.

Indicated by:

“S/N XXXXX AND BELOW”

“S/N XXXX AND ABOVE”

“S/N XXXX TO S/N XXX”

Specific Model Number Use — Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

“XXXXX ONLY”

“NOT USED ON XXXX”

“Make/Obtain Locally” — Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

“Not Sold Separately” — Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

SUGGESTED SPARE PARTS

DCA180SSJU4F3 PORTABLE GENERATOR WITH JOHN DEERE 6068HFG05 DIESEL ENGINE

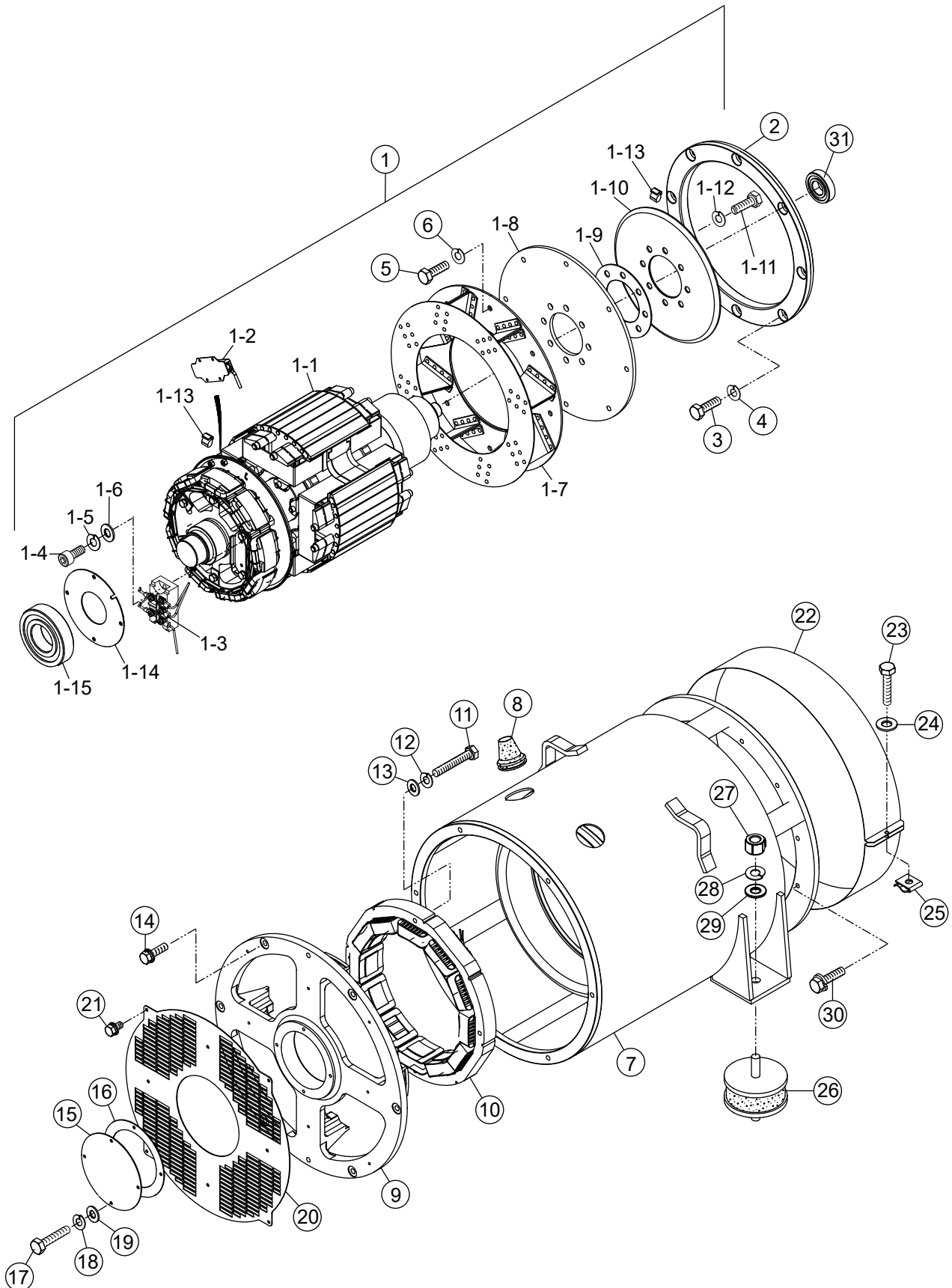
1 to 3 units

Qty.	P/N	Description
1.....	M3311500503.....	RADIATOR HOSE, UPPER
1.....	M3311500603.....	RADIATOR HOSE, LOWER
5.....	RE539279.....	CARTRIDGE, OIL FILTER
5.....	RE551507.....	FUEL FILTER, PRIMARY
5.....	RE560681.....	FUEL FILTER, SECONDARY
5.....	RE562696.....	SEAL KIT, FUEL FILTER
1.....	.0605505072.....	CAP, FUEL TANK
3.....	P537876	ELEMENT AIR CLEANER, PRIMARY
3.....	P537877	ELEMENT AIR CLEANER, SAFETY
1.....	R529382	FAN BELT
1.....	.0601820601.....	AUTOMATIC VOLTAGE REGULATOR
1.....	.0601808803.....	CIRCUIT BREAKER, 1P 20A
1.....	.0601808804.....	CIRCUIT BREAKER, 2P 50A
2.....	LY2DUS12VDC	RELAY, LY2-D DC12V
5.....	.0602103092.....	LAMP ALARM, 18V RED
1.....	.0601840100.....	KNOB, 25 N
1.....	.0601806643.....	FUSE, 15A
1.....	Y0601806647	FUSE, 25A

NOTICE

Part numbers on this Suggested Spare Parts list may supersede/replace the part numbers shown in the following parts lists.

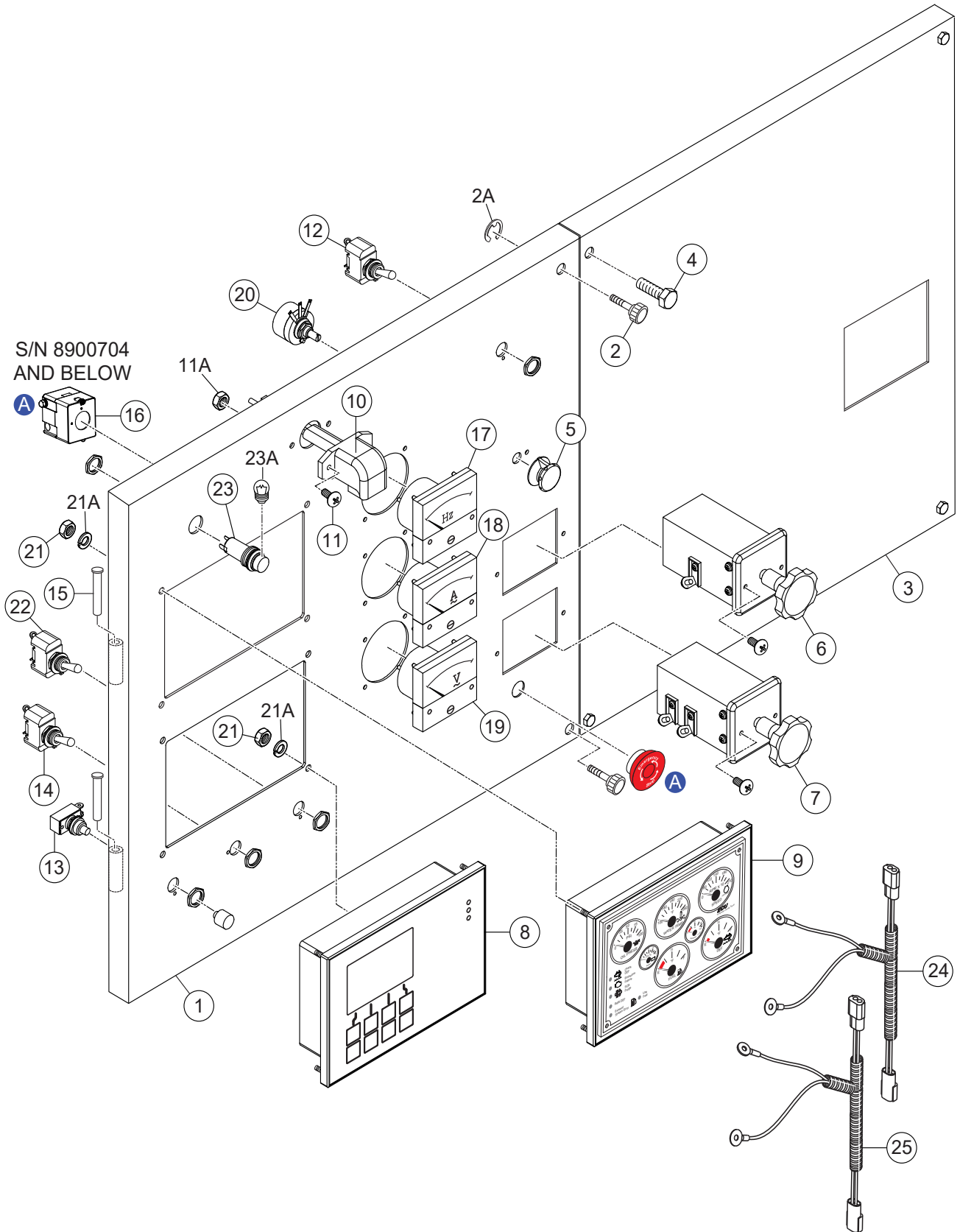
GENERATOR ASSY.



GENERATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	C0110101802	ROTOR ASSY.....	1	INCLUDES ITEMS W/\$
1-1\$		FIELD ASSY.	1	
1-2\$	0601842334	RESISTOR, 80W 100K OHM	1	
1-3\$	0601823282	RECTIFIER	1	
1-4\$	0018205020	HEX. SOCKET HEAD CAP SCREW	2	
1-5\$	0032005000	WASHER, LOCK.....	2	REPLACES P/N 0040005000
1-6\$	0401450050	WASHER, FLAT	2	REPLACES P/N 0041205000
1-7\$	8171070002	FAN	1	
1-8\$	8171611003	COUPLING DISK	9	
1-9\$	C1164200004	WASHER, COUPLING HUB	1	
1-10\$	8171015003	BALANCING PLATE	1	PURCHASE SET OF ITEM 1-13\$
1-11\$	0012116045	HEX. HEAD BOLT	8	
1-12\$	0042616000	WASHER, LOCK	8	
1-13\$	0601000209	BALANCING WEIGHT KIT	2	
1-14\$	C1112500004	BEARING, FLANGE	1	
1-15\$	0071906314	BEARING	1	
2	M4163400003	COUPLING RING	1	
3	0343206120	HEX. HEAD BOLT	8	
4	0043606000	WASHER, LOCK	8	
5	0012112040	HEX. HEAD BOLT 12X40	8	
6	0040012000	WASHER, LOCK	8	
7	C0130103203	STATOR ASSY.	1	
8	0845041804	GROMMET	2	NO LONGER AVAILABLE
9	C1154000002	END BRACKET	1	
10	C1138000003	FIELD ASSY., EXCITER	1	
11	0012110065	HEX. HEAD BOLT	4	
12	0042610000	WASHER, LOCK	4	
13	Y0041210000	WASHER, FLAT	4	
14	0017112045	HEX. HEAD BOLT	6	
15	C1154400004	COVER, BEARING	1	
16	C1154300004	GASKET, BEARING	1	
17	0010106060	HEX. HEAD BOLT M6X60MM	4	
18	0040006000	WASHER, LOCK	4	
19	952404470	WASHER, FLAT	4	REPLACES P/N 0041206000
20	C1154400103	SUCTION COVER	1	
21	011106015	HEX. HEAD BOLT.....	8	REPLACES P/N 0017106015
22	C1132300114	COVER, FAN	1	
23	0010006030	HEX. HEAD BOLT.....	1	REPLACES P/N 0010106030
24	952404470	WASHER, FLAT	1	REPLACES P/N 0041206000
25	020106050	NUT.....	1	REPLACES P/N 0600815000
26	Y0605000463	RUBBER SUSPENSION	2	
27	0030016000	HEX. NUT	2	
28	0040016000	WASHER, LOCK	2	
29	0041216000	WASHER, FLAT	2	
30	012010030	HEX. HEAD BOLT.....	12	REPLACES P/N 0012810030
31	0070506307	BEARING	1	

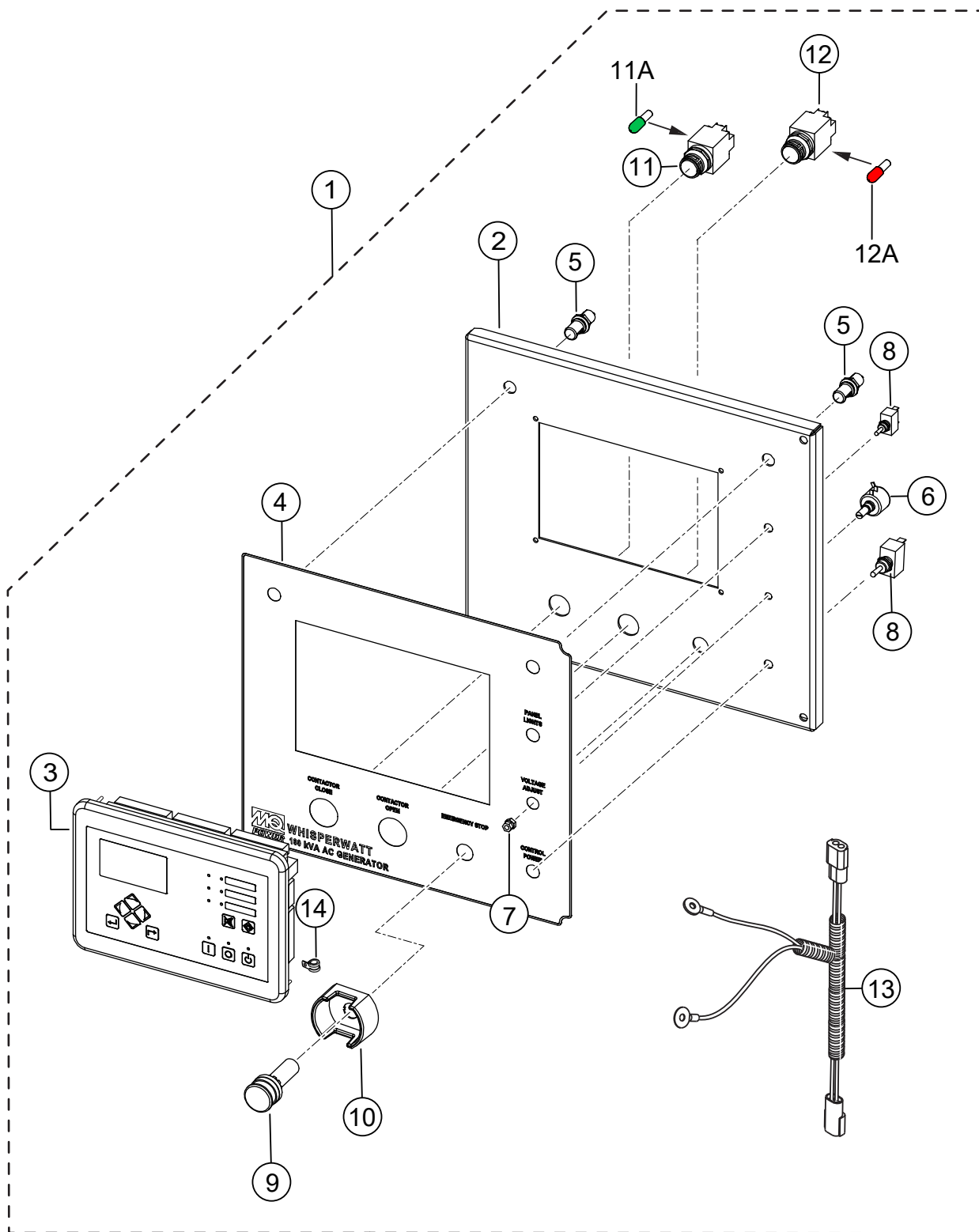
CONTROL PANEL ASSY.



CONTROL PANEL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3224001203	CONTROL PANEL	1	
2	M9220100004	SET SCREW	2	
2A	Y0080200007	E RING	2	
3	M4223000604	CONTROL PANEL, RIGHT	1.....	S/N 8900806 AND BELOW
3	M4224000304	CONTROL PANEL, RIGHT	1.....	S/N 8900807 AND ABOVE
4	0016908040	HEX. HEAD BOLT	4	
5	0601840100	KNOB, 25 N	1.....	REPLACES P/N 0601840121
6	0601801040	CHANGE-OVER SWITCH, AMMETER	1	
7	0601801041	CHANGE-OVER SWITCH, VOLTMETER	1	
8	Y0602203047A	ECU CONTROLLER, ECU (NON UL)	1.....	S/N 8900751 AND BELOW
8	Y0602203079	ECU CONTROLLER, ECU (UL)	1.....	S/N 8900752 ~ 8900799
8	Y0602203079	ECU845 W/FIRMWARE.....	1.....	S/N 8900800 AND ABOVE
9	Y0602120568	GAUGE UNIT ASSY., (NON UL).....	1.....	S/N 8900755 AND BELOW
9	Y0602120903	GAUGE UNIT ASSY., (UL).....	1.....	S/N 8900756 AND ABOVE
10	Y0601810170	PANEL LIGHT, 12V	1	
11	0027104020	MACHINE SCREW	2	
11A	OEMAA8	HEX. NUT	2.....	REPLACES P/N 0207004000
12	0601830710	SWITCH, PANEL LIGHT	1	
13	0601831205	PUSH BUTTON, RED	1	
14	82608	SWITCH, TOGGLE	1.....	REPLACES P/N 0601831340 S/N 8900838 AND BELOW
14	Y0601831345	3-POLE SWITCH	1.....	S/N 8900839 AND ABOVE
15	0605011211	PIN	2	
16	0601831557	EMERGENCY STOP BUTTON	1.....	S/N 8900704 AND BELOW
17	0601807642	FREQUENCY METER, 45~65HZ 240V	1	
18	0601817000	AC AMMETER, 0~300A/600A:5A	1	
19	0601800275	AC VOLTMETER, 0~600V	1	
20	0601840073	VOLTAGE REGULATOR, 1K Ω	1	
21	Y0206707000	HEX. NUT	8	
21A	Y0044807000	WASHER, LOCK	8	
22	0601830710	SWITCH, ENGINE SPEED	1	
23	0602103092	ALARM LAMP, 18V RED	1.....	INCLUDES ITEMS W/\$ S/N 8900662 AND BELOW
23	0601814453	LED LAMP	1.....	S/N 8900663 AND ABOVE
23A\$		BULB, 18V	1.....	NOT SOLD SEPARATELY S/N 8900662 AND BELOW
24	M3247702004	WIRE HARNESS, GENERATOR	1	
25	M3358201602	WIRE HARNESS, ENGINE	1	

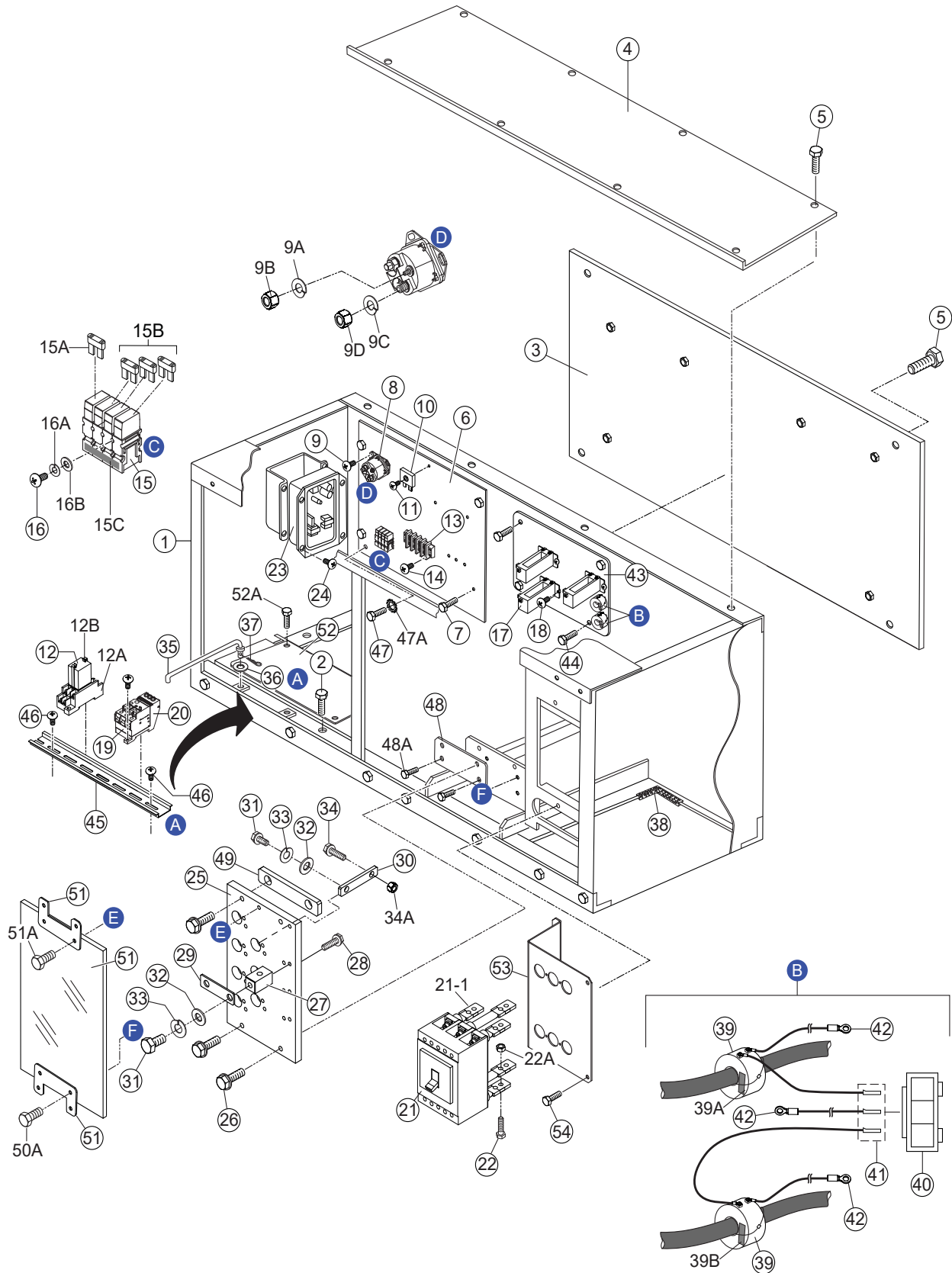
CONTROL PANEL ASSY. (BASLER OPTION)



CONTROL PANEL ASSY. (BASLER OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EE60870	PANEL ASSY., PARALLELING	1.....	INCLUDES ITEMS W/#
2#	EE59122	PANEL, PARALLELING, BASLER HD	1	
3#	EE59259-1	COLOR DISPLAY, CONTROLLER	1	
4#	EE60868	DECAL, PARALLELING, BASLER	1	
5#	EE55761	LIGHT, PANEL, 12-36 VDC	2	
6#	EE2115	POTENTIOMETER, 5KOHM +/-5% TURN	1	
7#	EE9949	NUT, SHAFT LOCK, POTENTIOMETER	1	
8#	EE2591	SWITCH, TOGGLE SINGLE POLE	2	
9#	EE57855	SWITCH, E-STOP, RED, 24V LED	1	
10#	EE52893	BEZEL, YELLOW PLASTIC	1	
11#	EE23374	PUSH-BUTTON, 24V GREEN	1	
11A#	EE39554	LED LAMP, 12 VAC/VDC, GREEN	1	
12#	EE23375	PUSH-BUTTON, 24V RED	1	
12A#	EE5895	LED LAMP, 12 VAC/VDC, RED	1	
13#	EE59200	HARNESS, UNIVERSAL	1	
14#	21574	CLAMP, LOOP CUSHIONED #16 0.25 HOLE	1	

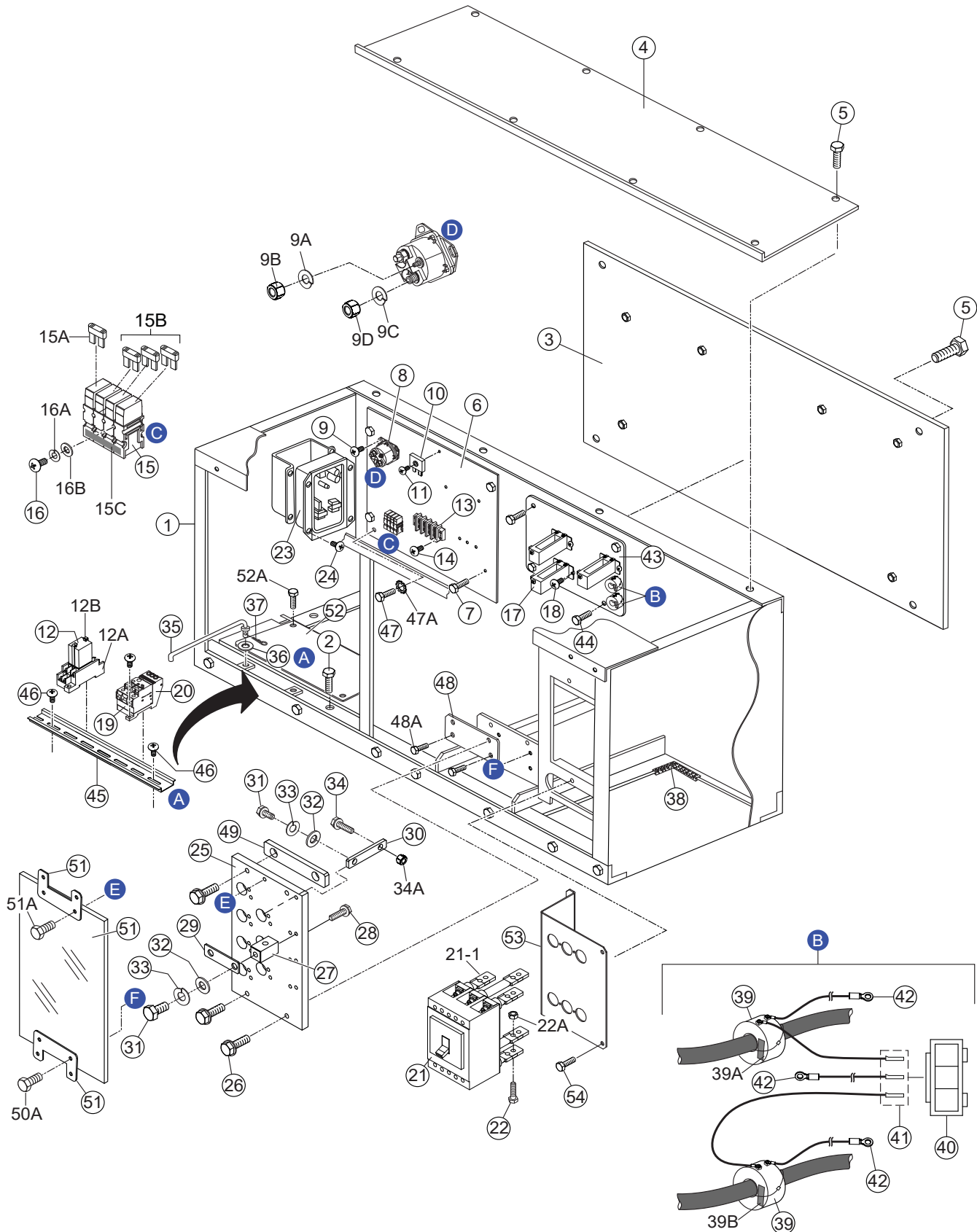
CONTROL BOX ASSY.



CONTROL BOX ASSY.

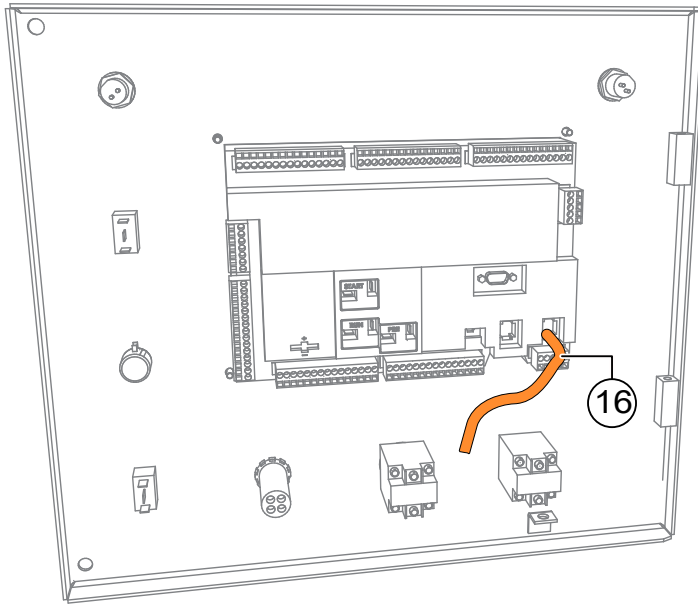
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M4214000102	CONTROL BOX.....	1.....	S/N 8900704 AND BELOW
1	M4214000212	CONTROL BOX.....	1.....	S/N 8900705 ~ 8900806
1	M4214000222	CONTROL BOX.....	1.....	S/N 8900807 AND ABOVE
2	011008020	HEX. HEAD BOLT 8X20	14.....	REPLACES P/N 0016908020
3	M5214400304	BACK PANEL.....	1.....	S/N 8900704 AND BELOW
3	M5214400314	BACK PANEL.....	1.....	S/N 8900705 AND ABOVE
4	M4213500104	COVER, CONTROL BOX	1	
5	011008020	HEX. HEAD BOLT 8X20	16.....	REPLACES P/N 0016908020
6	M4261500004	SET PANEL	1	
7	011008020	HEX. HEAD BOLT 8X20	4.....	REPLACES P/N 0016908020
8	Y0602201458	STARTER RELAY, RE164448	1	
9	011808015	MACHINE SCREW.....	2.....	REPLACES P/N 0027106015
9A	0044808000	WASHER, LOCK	2	
9B	Y0206508000	HEX.NUT	2	
9C	0043003000	WASHER, LOCK	2	
9D	Y0206803000	HEX.NUT	2	
10	0601821370	RECTIFIER, DE-45.....	1.....	REPLACES P/N 0601823240
11	0027104020	MACHINE SCREW	1	
12	LY2DUS12VDC	RELAY, LY-2D DC12V.....	1.....	REPLACES P/N 0601827656
12A	PTF08A	RELAY BASE, PTF08A-E	1.....	REPLACES P/N 0601823109
12B	PYCA1	RELAY CLIP, PYC-A1	2.....	REPLACES P/N 0601824400
13	Y0601816538	TERMINAL BLOCK.....	1.....	REPLACES P/N 0601815153
14	0027104020	MACHINE SCREW 4X20MM	2	
15	M3214601504	FUSE HOLDER ASSY.	1	
15A	0601806643	FUSE, 15A	1	
15B	Y0601806647	FUSE, 25A	3	
15C	M9501401104	DECAL: FUSE HOLDER	1	
16	Y0021003035	MACHINE SCREW	2	
16A	0040003000	WASHER, LOCK	2	
16B	Y0042103000	WASHER, FLAT	2	
17	0601809666	CURRENT TRANSFORMER 300/5A	3	
18	011206020	MACHINE SCREW 6MMX20MM.....	6.....	REPLACES P/N 0027106020
19	Y0601820843	OVER-CURRENT RELAY, T16-4.2	1	
20	Y0601820844	OVER-CURRENT RELAY BASE, DB16	1	
21	Y0601807533	CIRCUIT BREAKER, 3P 600A.....	1.....	S/N 8900806 AND BELOW
21	Y0601807565	CIRCUIT BREAKER	1.....	S/N 8900807 AND ABOVE
21-1	Y0601827412	REAR TERMINAL BUSBAR	2.....	S/N 8900806 AND BELOW
21-1	Y0601827415	REAR TERMINAL BUSBAR	2.....	S/N 8900807 AND ABOVE
22	014210040	HEX. HEAD BOLT.....	6.....	REPLACES P/N 0017110040
22A	021112140	SELF-LOCKING NUT	6.....	REPLACES P/N 0207010000
23	0601820601	AUTOMATIC VOLTAGE REGULATOR	1	
24	0027105015	MACHINE SCREW	4	
25	C0274000003	TERMINAL BOARD, VOLT. CHANGE-OVR.	1.....	REPLACES P/N M3273000003

CONTROL BOX ASSY. (CONT'D.)

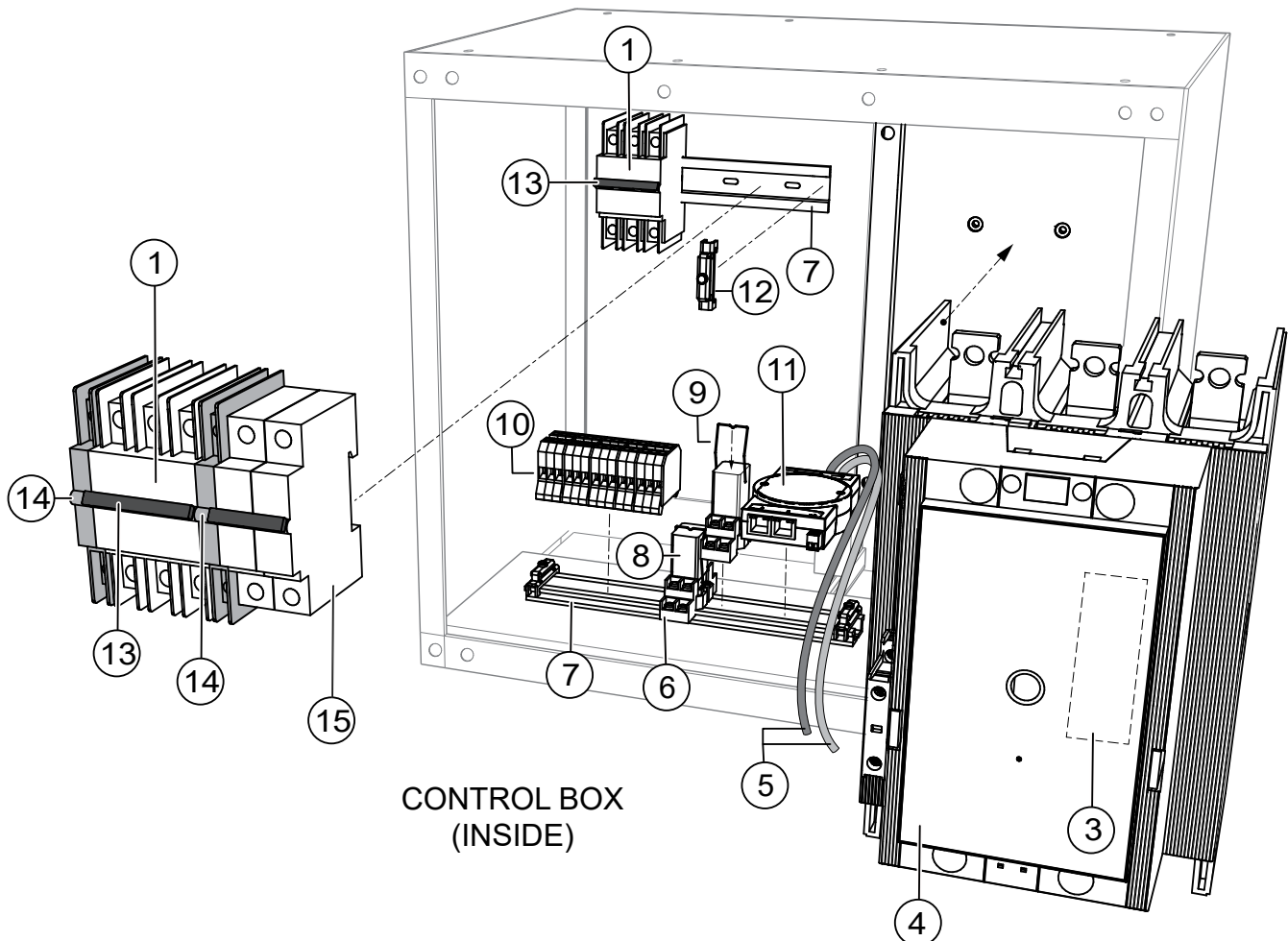


CONTROL BOX ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
26	011208030	HEX. HEAD BOLT.....	4.....	REPLACES P/N 0016908030
27	8131852104	CHANGE TERMINAL.....	10.....	REPLACES P/N M3276400004
28	011606025	HEX. HEAD BOLT 6X25	20.....	REPLACES P/N 0016906025
29	8131853104	CHANGE-OVER PLATE	6.....	REPLACES P/N M3276300004
30	C0277200004	CHANGE PLATE	3.....	REPLACES P/N M4276200004
31	012210020	TIE BOLT	20.....	REPLACES P/N M9220100104
32	0041410000	WASHER, FLAT	20	
33	0040010000	WASHER, LOCK	20	
34	014210040	HEX.HEAD BOLT.....	3.....	REPLACES P/N 0017110040
34A	021112140	SELF-LOCKING NUT	3.....	REPLACES P/N 0207010000
35	M4213600104	STOPPER, CONTROL PANEL	1	
36	952404470	WASHER, FLAT	1.....	REPLACES P/N 0041206000
37	505015300	SNAP PIN	1.....	REPLACES P/N 0605010502
38	Y0411100315	EDGING	1	
39	Y0601872911	CURRENT TRANSFORMER 300/5A	2	
39A	M9521001604	DECAL: CT4	1	
39B	M9521001704	DECAL: CT5	1	
40	Y0601813924	PLUG	1	
41	0601812711	PINS	3	
42	Y0601815586	ROUND TERMINAL	3	
43	M3261500404	SET PANEL	1	
44	0016906015	HEX. HEAD BOLT 6X16	4	
45	Y0290000245	MOUNTING RAIL	1	
46	0027104015	MACHINE SCREW	2	
47	0016906015	HEX. HEAD BOLT 6X16	1	
47A	0040506000	TOOTHED WASHER	1	
48	M3214602104	BRACKET	1	
48A	011008020	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908020
49	M3214602204	SPACER	1	
50	M3214602404	TERMINAL BOARD COVER	1.....	S/N 8900705 AND ABOVE
50A	011208025	HEX. HEAD BOLT.....	4.....	REPLACES P/N 0016908025
				S/N 8900705 AND ABOVE
51	M5214600704	TERMINAL BOARD COVER BRACKET	2.....	S/N 8900705 AND ABOVE
51A	011008020	HEX. HEAD BOLT.....	4.....	REPLACES P/N 0016908020
				S/N 8900705 AND ABOVE
52	M3214602304	BLIND BOARD.....	1.....	S/N 8900705 AND ABOVE
52A	0016906015	HEX. HEAD BOLT.....	4.....	S/N 8900705 AND ABOVE
53	M4214600104	BRACKET	1.....	S/N 8900705 ~ 8900806
53	M4214600114	BRACKET	1.....	S/N 8900807 AND ABOVE
54	011008020	HEX. HEAD BOLT.....	4.....	REPLACES P/N 0016908020
				S/N 8900705 AND ABOVE



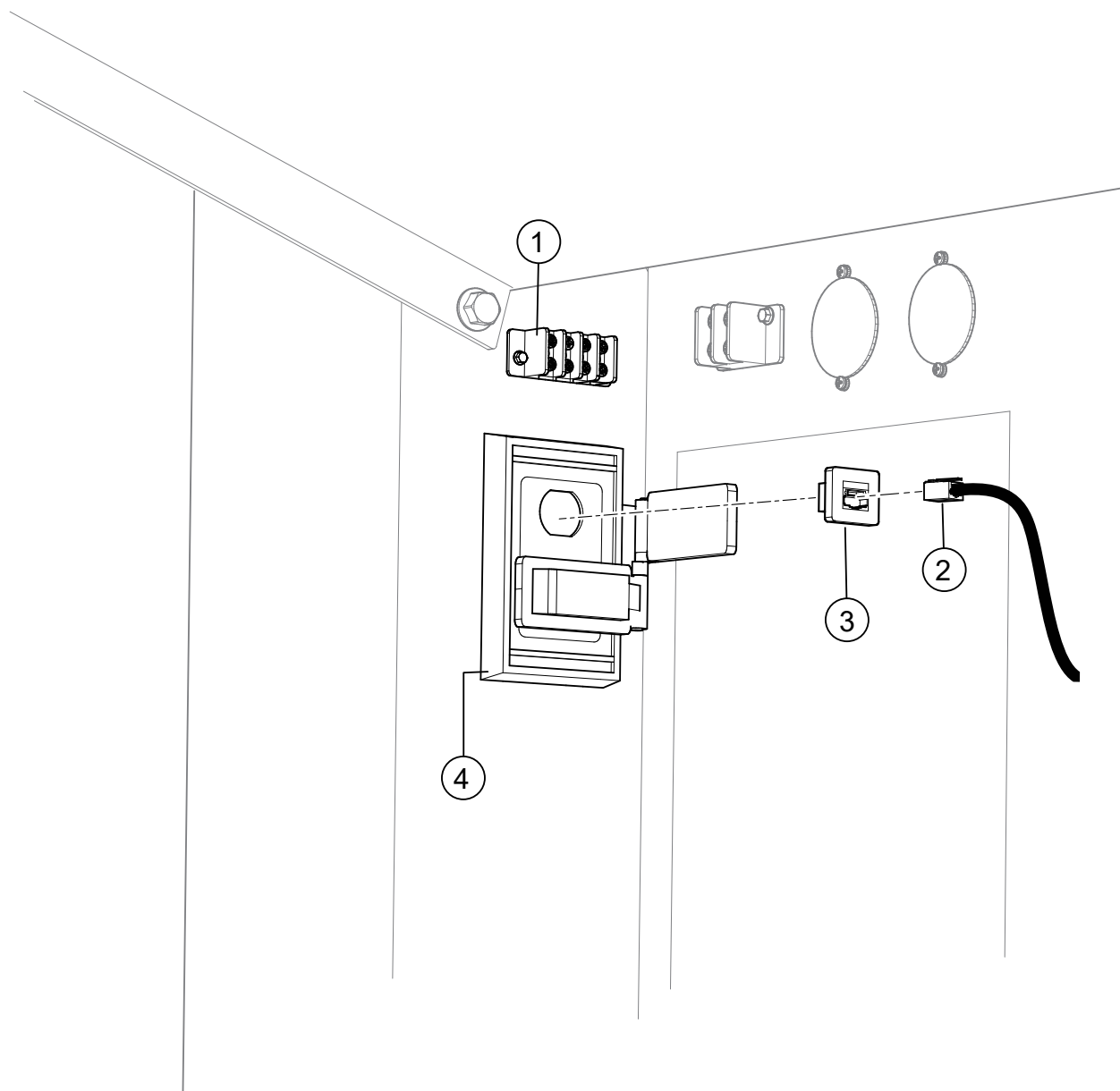
BASLER CONTROL PANEL (REAR)



CONTROL BOX ASSY. (BASLER OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
1	EE55784	CIRCUIT BREAKER (ABB), 3P, 10A, 480V	2	
3	EE56647	SWITCH (ABB), AUX/BELL	1	
4	EE59127	CONTACTOR (ABB), 650A, 100-250V	1	
5	EE50312	CABLE, ETHERNET, 10FT	2	
6	EE26385	RELAY BASE	2	
7	EE10071	RAIL, DIN, ALUM,.413" X 1.37" X 36"	1	
8	EE58130	RELAY, DC12V	2	
9	EE26135	RELAY CLIP	2	
10	EE26112	BLOCK, TERMINAL 14 POS.	14	
11	EE58065	ETHERNET SWITCH, 5 PORT 10-30VDC	1	
12	EE2940	END STOP, DIN RAIL	4	
13	EE32611	JUMPER, 3-POLE	2	
14	EE55785	SWITCH (ABB), AUX	2	
15	EE38585	CIRCUIT BREAKER (ABB), 2-POLE, 10A	1	
16	EE56188	CABLE, ETHERNET, ORANGE, 3 FT	1	

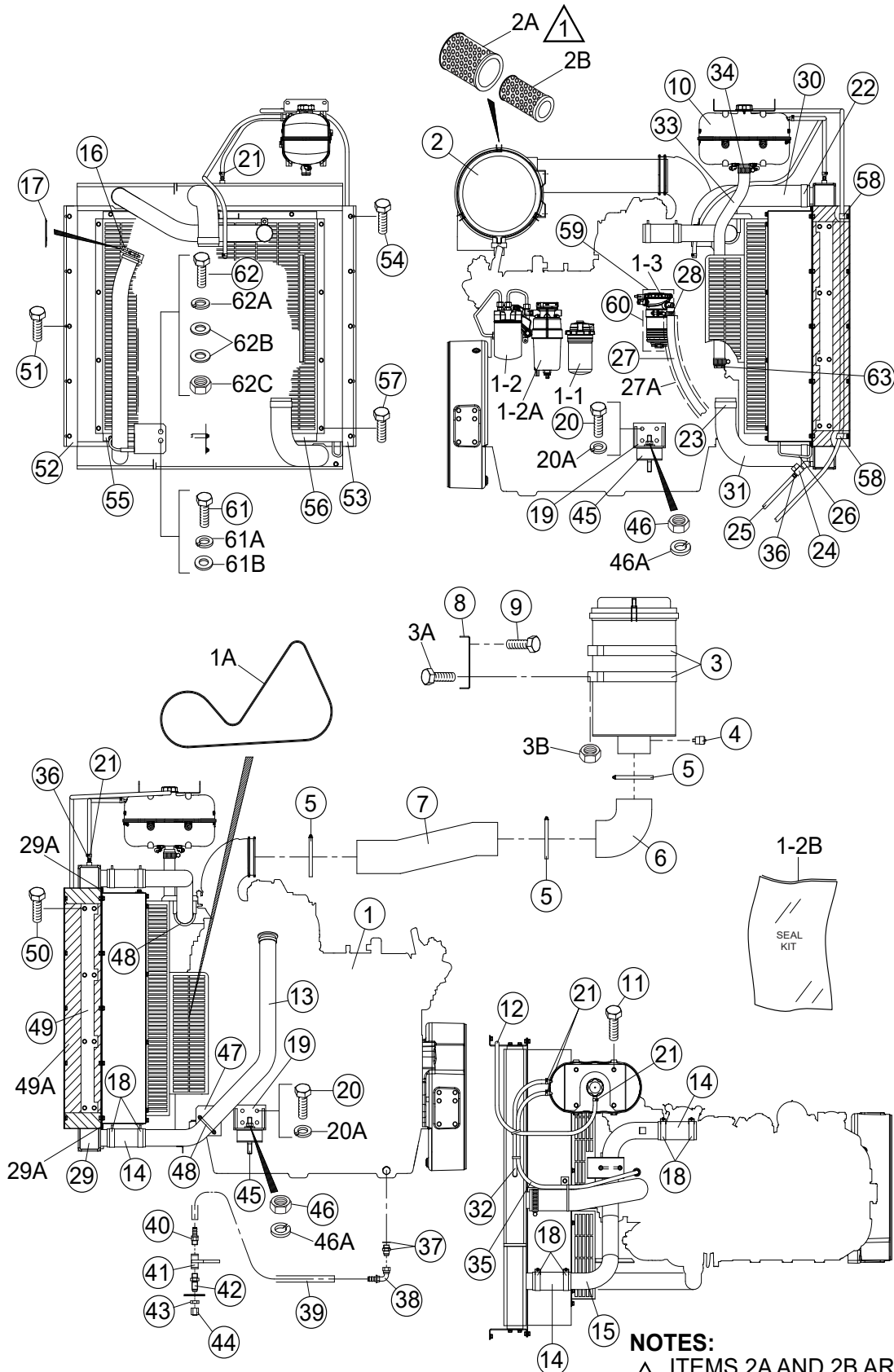
ETHERNET CABLE ASSY. (BASLER OPTION)



ETHERNET CABLE ASSY. (BASLER OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EE59027	TERMINAL BLOCK, 4-POS.	1	
2	EE55780	CABLE, ETHERNET CAT5E SHIELDED 50FT	1	
3	EE55760	JACK, FEEDTHROUGH, RJ45, CAT5E	2	
4	EE58796	COVER, NONMETALLIC, WEATHERPROOF	1	

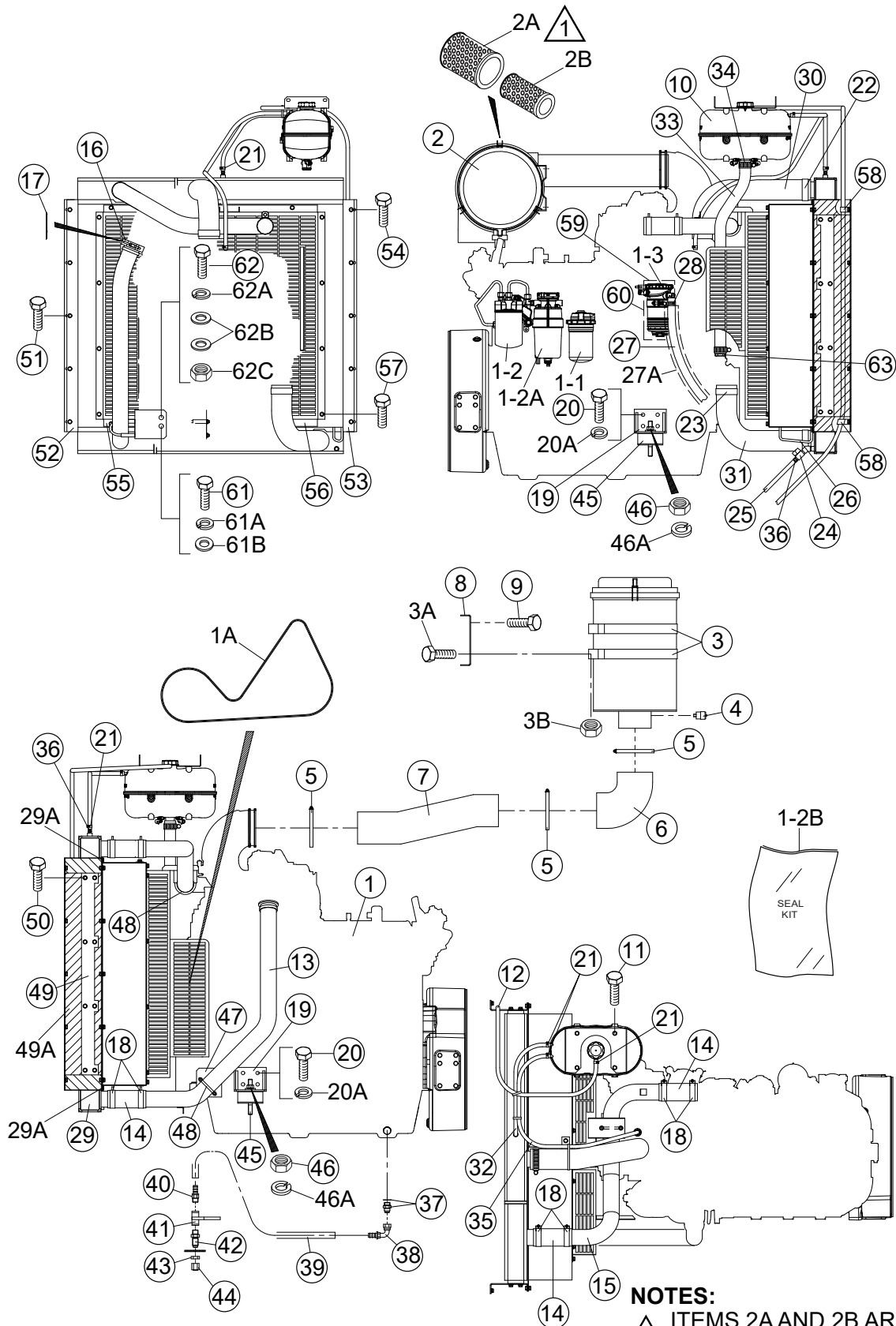
ENGINE AND RADIATOR ASSY.



ENGINE AND RADIATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	6068HFG05	ENGINE, JOHN DEERE	1.....	REPLACES P/N M3924200144
1A	R529382	FAN BELT	1.....	REPLACES P/N Y0602015209
1-1	RE539279	CARTRIDGE, OIL FILTER.....	1.....	REPLACES P/N Y0602041293
1-2	RE551507	FUEL FILTER, PRIMARY.....	1.....	REPLACES P/N Y0602042800
1-2A	RE560681	FUEL FILTER, SECONDARY	1.....	REPLACES P/N Y0602042801
1-2B	RE562696	SEAL KIT, FUEL FILTER.....	2.....	REPLACES P/N Y0602042603
1-3	RE540710	BLOWBY FILTER.....	1.....	REPLACES P/N 0602044230
2	0602046585	AIR CLEANER ASSEMBLY	1.....	INCLUDES ITEMS W/#
2A#	0602046682	ELEMENT, AIR CLEANER OUTER	1	
2B#	0602046683	ELEMENT, AIR CLEANER INNER	1	
3	0602040558	AIR CLEANER BAND	2	
3A	011208025	HEX. HEAD BOLT, 8X25	4.....	REPLACES P/N 0016908025
3B	Y0207008000	SELF-LOCKING NUT	4	
4	0602040650	INDICATOR, AIR CLEANER.....	1.....	REPLACES P/N RBX002252
5	0605515202	HOSE BAND	3	
6	0602040365	90° ELBOW	1	
7	M3374000604	AIR CLEANER PIPE	1	
8	M3374200004	AIR CLEANER BRACKET	1	
9	0016910025	HEX. HEAD BOLT 10X25	2	
10	RE549081	SURGE TANK.....	1.....	REPLACES P/N Y0602010222
11	Y0016908015	HEX. HEAD BOLT	4	
12	Y0193602250	OVER FLOW HOSE	1	
13	M3311400103	CAC PIPE, HOT SIDE	1	
14	Y0602015610	CAC HOSE	3	
15	M4311400003	CAC PIPE, COLD SIDE	1	
16	RE292067	V-BAND CLAMP	1.....	REPLACES P/N Y0602325033
17	R529509	GASKET	1.....	REPLACES P/N Y0602320206
18	0605515215	BAND, HOSE	6	
19	M3303200404	ENGINE FOOT	2	
20	0012312030	HEX. HEAD BOLT.....	6.....	REPLACES P/N 0013612030
20A	0040012000	WASHER, LOCK	6	
21	0605515189	HOSE BAND	5	
22	0605515236	BAND, HOSE	2	
23	0605515208	BAND, HOSE	2	
24	Y0605511394	MINI BALL VALVE	1	
25	0193600400	HOSE, DRAIN	1	
26	Y0603307520	45° ELBOW	1	
27	Y0191601135	BLOWBY HOSE	1	
27A	Y0377701060	AEROFLEX TUBE	1	
28	0605515073	BAND, HOSE	1	
29	Y0602012922	RADIATOR AND INTER-COOLER	1	
29A	M3494110204	ACOUSTIC SHEET	2	
30	M3311500503	RADIATOR HOSE, UPPER	1	
31	M3311500603	RADIATOR HOSE, LOWER	1	

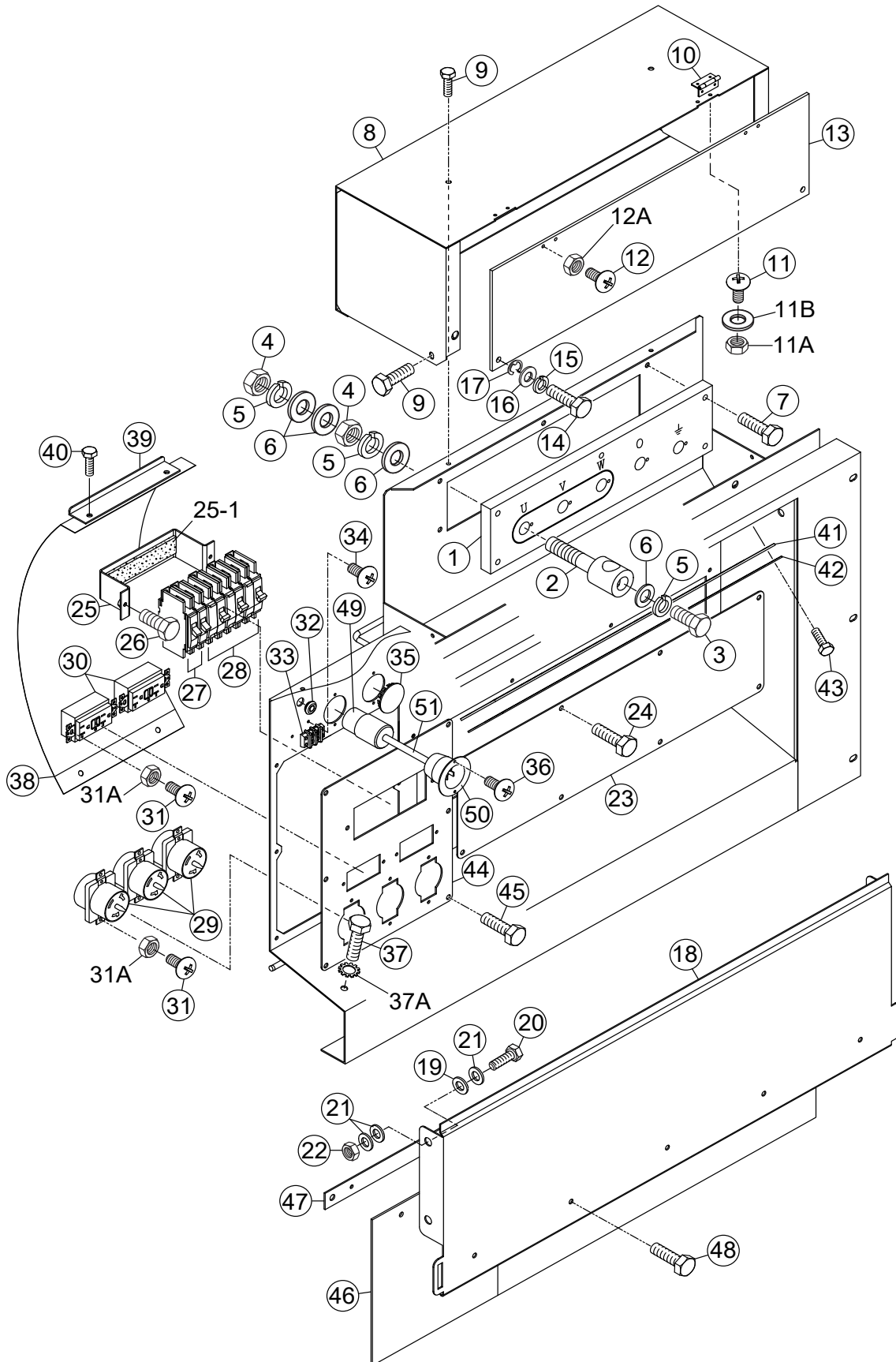
ENGINE AND RADIATOR ASSY. (CONT'D.)



ENGINE AND RADIATOR ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
32	Y0199900730	VENT HOSE	1	
33	M3311501503	SURGE TANK HOSE	1	
34	0605515149	BAND, HOSE	2	
35	0199901200	DRAIN, HOSE	1	
36	Y0605512192	HOSE JOINT	2	
37	0602022580	ADAPTER W/SEAL	1	
38	0602022561	90° ELBOW	1	
39	Y0269201300	PUSH-LOCK HOSE	1	
40	0603306395	MALE PIPE	1	
41	0605511395	BALL VALVE	1	
42	0603306590	MALE BULKHEAD CONNECTOR	1	
43	0603300285	BULKHEAD LOCKNUT	1	
44	Y0602021070	CAP	1	
45	Y0605000620	RUBBER SUSPENSION	2	
46	0030016000	HEX. NUT	2	
46A	0040016000	WASHER, LOCK	2	
47	M3314300104	CAC PIPE BRACKET	1	
48	0602326063	U-BOLT	2	
49	M3311201004	RADIATOR BRACKET	2	
49A	M3494110104	ACOUSTIC SHEET	2	
50	Y0016908015	HEX. HEAD BOLT	16	
51	011008020	HEX. HEAD BOLT.....	10	REPLACES P/N 0016908020
52	M3311301903	FAN SHROUD	1	
53	M3311302003	FAN SHROUD	1	
54	011008020	HEX. HEAD BOLT.....	12	REPLACES P/N 0016908020
55	M3311300813	FAN GUARD, RADIATOR	1	
56	M3311302103	FAN GUARD	1	
57	011008020	HEX. HEAD BOLT.....	17	REPLACES P/N 0016908020
58	0602220911	CLAMP (L)	2	
59	Y0602044509	BLOW-BY FILTER COVER, UPPER	1	
60	Y0602044503	BLOW-BY FILTER COVER, LOWER	1	
61	Y0013616030	HEX. HEAD BOLT	1	
61A	0040016000	WASHER, LOCK	1	
61B	0041216000	WASHER, FLAT	1	
62	0012116060	HEX. HEAD BOLT	1	
62A	0040016000	WASHER, LOCK	1	
62B	0041216000	WASHER, FLAT	2	
62C	0030016000	HEX. NUT	1	
63	Y0602010226	WATER PUMP JOINT	1	

OUTPUT TERMINAL ASSY.



OUTPUT TERMINAL ASSY.

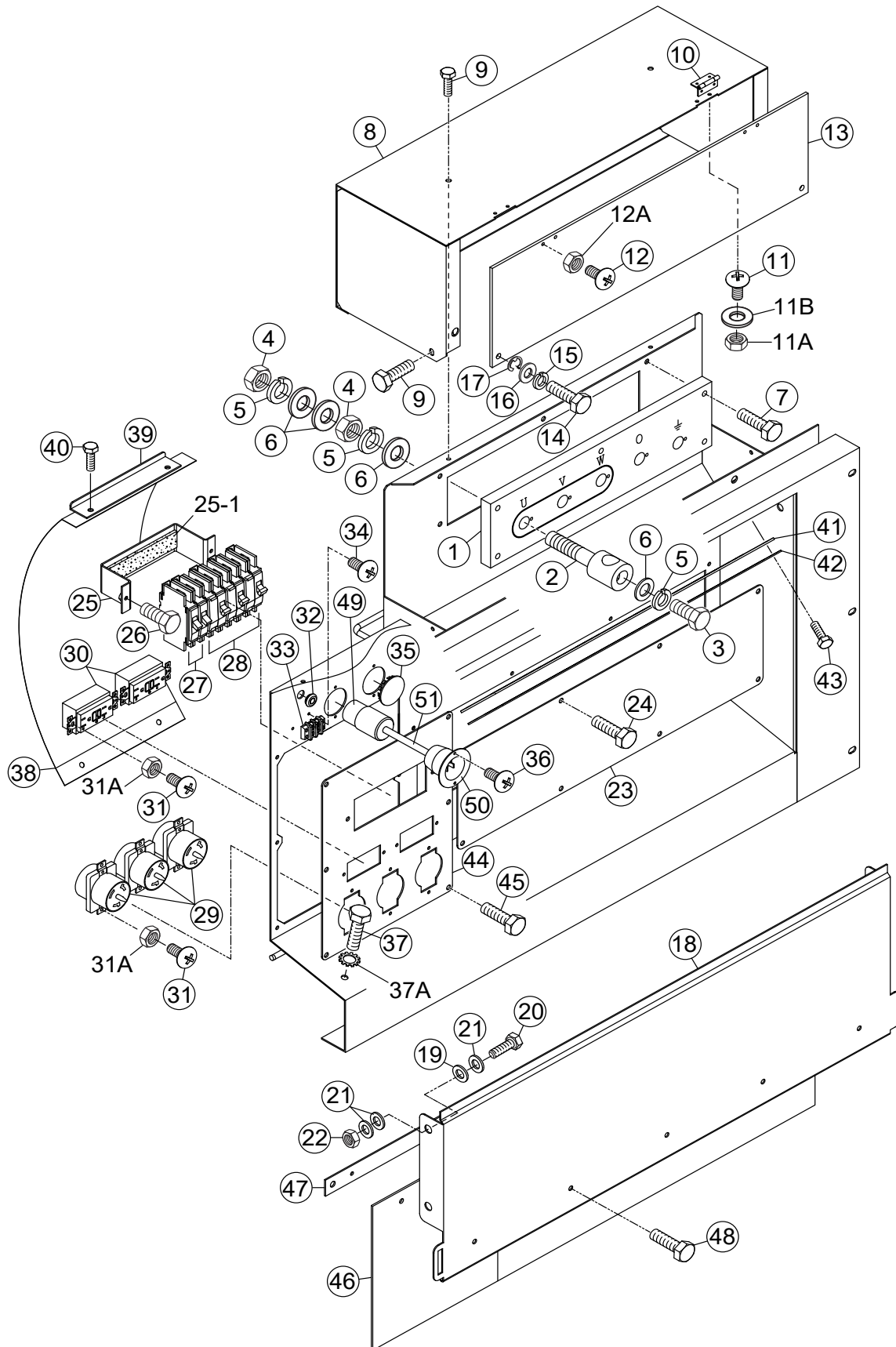
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3230700113	TERMINAL BOARD	1	
2	M9220100914	OUTPUT TERMINAL BOLT	5	
3	M9220101004	TIE BOLT	5	
4	0039320000	HEX. NUT	10	
5	0040020000	WASHER, LOCK	15	
6	0041420000	WASHER, FLAT	20	
7	0016908040	HEX. HEAD BOLT	5	
8	M4236100403	TERMINAL COVER	1	
9	0016906015	HEX. HEAD BOLT 6X16	4	
10	0605010040	HINGE	2	
11	0027103010	MACHINE SCREW M3X10	4	
11A	0207003000	HEX. NUT	4	REPLACES P/N 0030003000
11B	0041203000	WASHER, FLAT	4	
12	0027103015	MACHINE SCREW 3MM X 15MM	4	
12A	0207003000	HEX. NUT	4	REPLACES P/N 0030003000
13	M4236100504	OUTPUT WINDOW	1	
14	M9220100804	SET SCREW	2	
15	0040006000	WASHER, LOCK	2	
16	952404470	WASHER, FLAT	2	REPLACES P/N 0041206000
17	0080200005	E-RING	2	
18	M3237100503	TERMINAL COVER	1	
19	0605050060	CONICAL SPRING WASHER	2	
20	Y0013612045	HEX. HEAD BOLT	2	
21	031112230	WASHER, FLAT	6	REPLACES P/N 0041212000
22	0030012000	HEX NUT	2	
23	M4236400204	COVER	1	
24	0016906015	HEX HEAD BOLT 6X16	8	
25	M4260600104	BRACKET, CIRCUIT BREAKER	1	
25-1	0222100150	RUBBER CUSHION	1	
26	Y0016906020	HEX HEAD BOLT	2	
27	0601808803	CIRCUIT BREAKER, 1P 20A	2	
28	0601808804	CIRCUIT BREAKER, 2P 50A	3	
29	0601814014	RECEPTACLE, 50A	3	REPLACES P/N Y0601814014
30	Y0601814034	RECEPTACLE, 20A	2	REPLACES P/N 0601814024
31	0027104015	MACHINE SCREW	10	
31A	OEMAA8	SELF-LOCKING NUT	10	REPLACES P/N 0207004000

ADD THE FOLLOWING DIGITS AFTER THE PART
NUMBER WHEN ORDERING ANY PAINTED PANEL TO
INDICATE COLOR OF UNIT:

1-ORANGE	6-CATERPILLAR YELLOW
2-WHITE	7-CATO GOLD
3-SPECTRUM GREY	8-RED
4-SUNBELT GREEN	9-DESERT TAN
5-BLACK	

THE SERIAL NUMBER MAY BE REQUIRED.

OUTPUT TERMINAL ASSY. (CONT'D.)



OUTPUT TERMINAL ASSY. (CONT'D.)

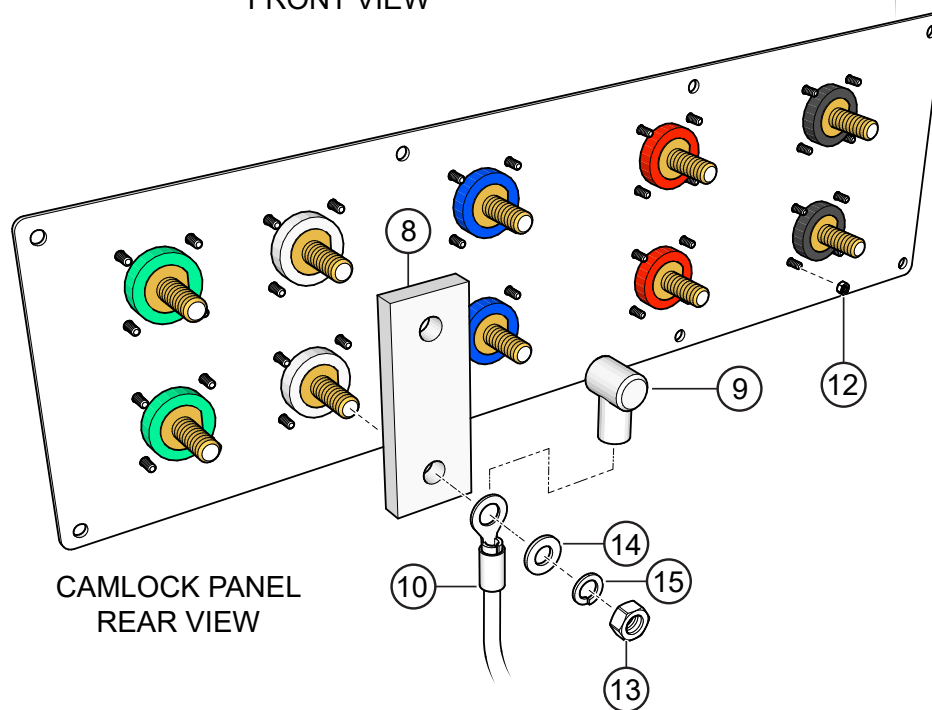
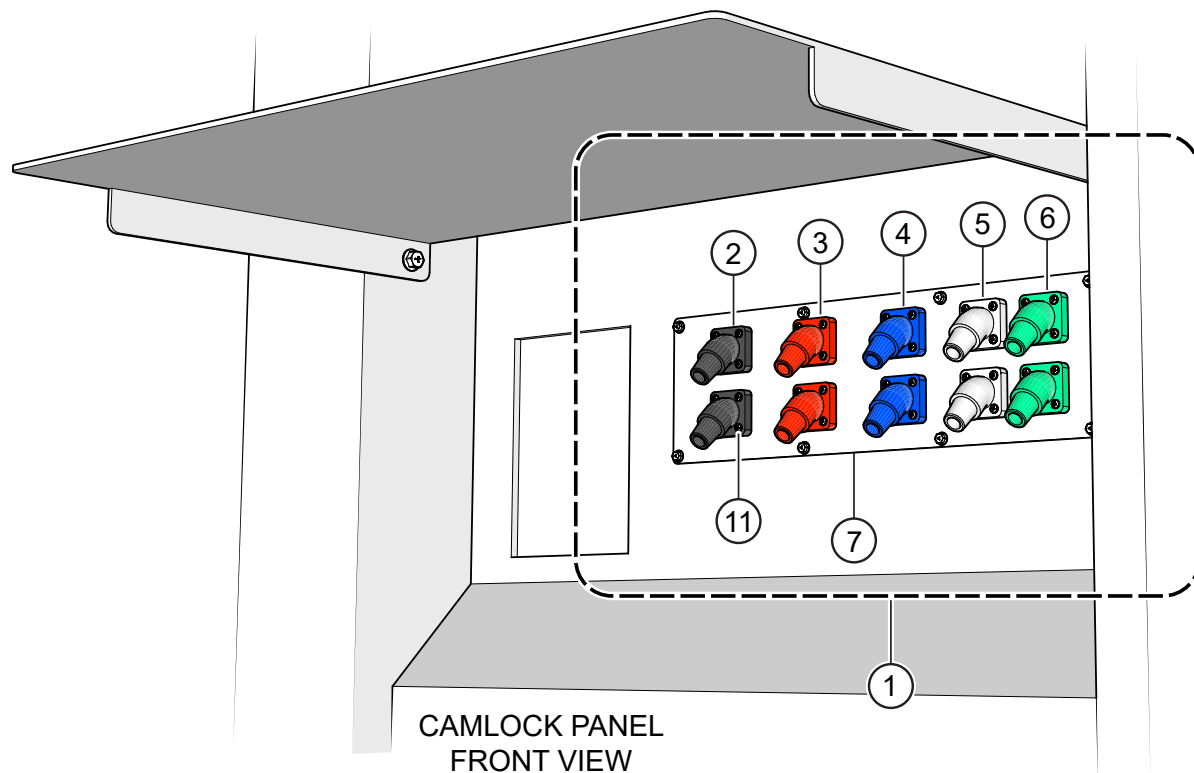
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
32	0601850275	GROMMET	1	
33	0601815194	TERMINAL BLOCK, 601-GP-02	1	S/N 8900751 AND BELOW
33	Y0601816539	TERMINAL BLOCK, TB200-02	1	S/N 8900752 ~ 8900755
				S/N 8900762 ~ 8900794
33	0601815870	TERMINAL BLOCK, KT-20-2P	1	S/N 8900756 ~ 8900761
				S/N 8900795 AND ABOVE
34	0027104020	MACHINE SCREW	2	
35	0603306775	BLIND PLUG	1	
36	0027104015	MACHINE SCREW	4	
37	0019208020	HEX HEAD BOLT	1	
37A	0040508000	TOOTHED WASHER	1	
38	M3237100404	INSULATING COVER	1	
39	M4236400304	BRACKET	1	
40	0016906015	HEX HEAD BOLT 6X16	2	
41	M4236400004	CABLE OUTLET COVER	1	
42	M4236400104	SUPPORTER, CABLE OUTLET COVER	1	
43	Y0016906020	HEX HEAD BOLT	8	
44	M3454200904	RECEPTACLE BOARD	1	
45	0016906015	HEX HEAD BOLT 6X16	6	
46	M3454700404	RUBBER SHEET	1	
47	M3454700504	RUBBER SHEET HOLDER	1	
48	011206020	HEX HEAD BOLT 6X20	5	REPLACES P/N 0019206020
49	0601812527	CONNECTOR	1	S/N 8900714 AND BELOW
50	Y0601811177	RECEPTACLE	1	S/N 8900714 AND BELOW
51	Y0329101000	CABLE	1	S/N 8900714 AND BELOW
51	Y0601813078	WATER HEATER CABLE	1	S/N 8900715 AND ABOVE

ADD THE FOLLOWING DIGITS AFTER THE PART
NUMBER WHEN ORDERING ANY PAINTED PANEL TO
INDICATE COLOR OF UNIT:

1-ORANGE	6-CATERPILLAR YELLOW
2-WHITE	7-CATO GOLD
3-SPECTRUM GREY	8-RED
4-SUNBELT GREEN	9-DESERT TAN
5-BLACK	

THE SERIAL NUMBER MAY BE REQUIRED.

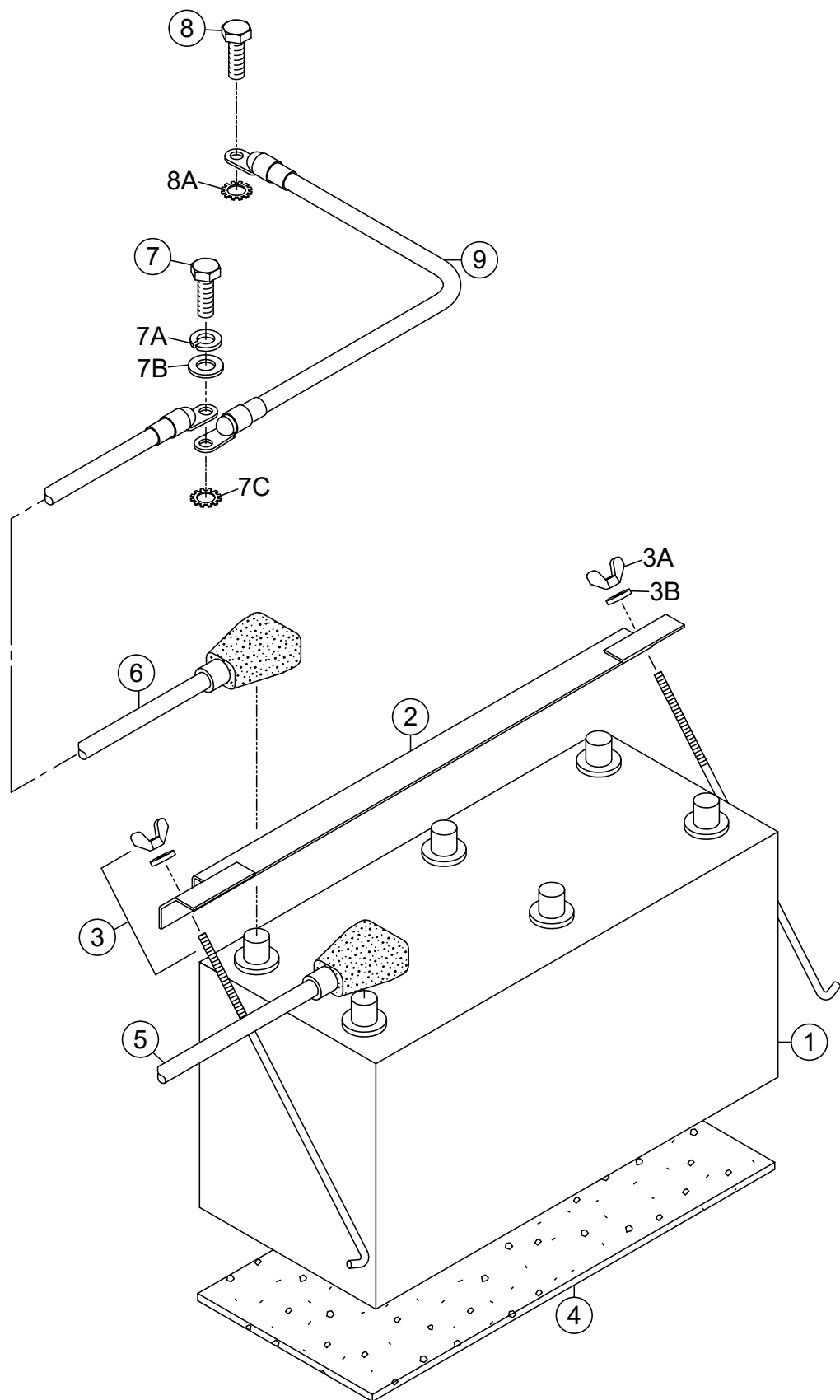
CAMLOCK PANEL ASSY. (OPTION)



CAMLOK PANEL ASSY. (OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	CAMLOK2KIT45H	CAMLOK 2 SET, 45°	1.....	INCLUDES ITEMS W/%
2%	EE60030	CAMLOK, FEMALE, 45°, BLACK	2	
3%	EE60032	CAMLOK, FEMALE, 45°, RED	2	
4%	EE60033	CAMLOK, FEMALE, 45°, BLUE	2	
5%	EE60031	CAMLOK, FEMALE, 45°, WHITE	2	
6%	EE60034	CAMLOK, FEMALE, 45°, GREEN	2	
7%	EE60561	PANEL, 2 ROW CAMLOK, 45°	1	
8%	EE60055	BUS BAR, 2 SETS 45° CAMLOK, COP.	1	
9%	EE59031	CAP, TERM. INSUL., 2/0-4/0 AWG	9	
10%	EE60797	CAMLOK CABLE KIT, DUAL,	1	
11%		SCREW, 10-32 X 3/4"	40	
12%		NUT, EXT. TOOTH LOCK 10-32	40	
13%		HEX. NUT, 4/2-13 BRASS	10	
14%		WASHER, PLAIN, SAE 1/2" BRASS	10	
15%		WASHER, LOCK, SAE 1/2" BRASS	10	

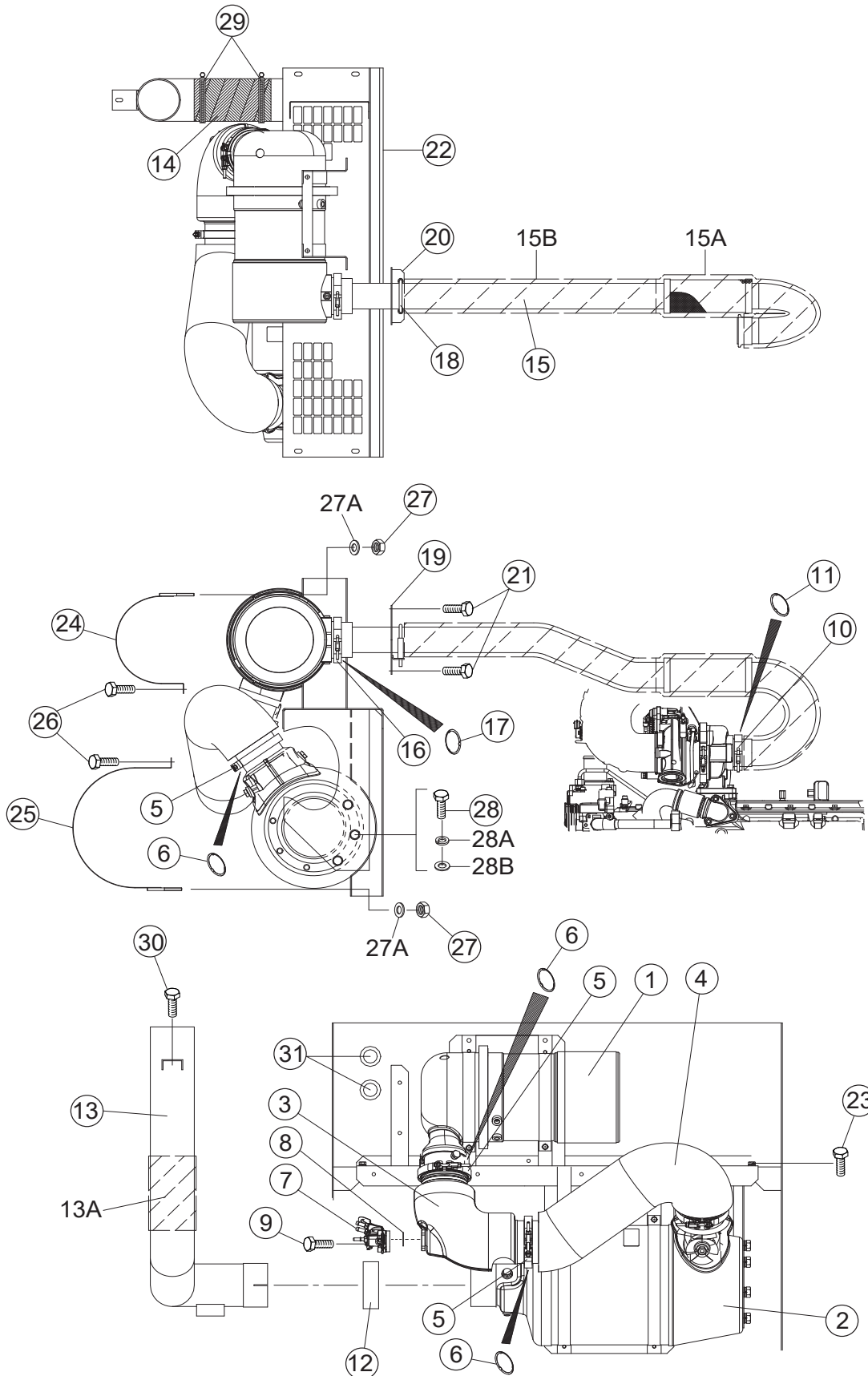
BATTERY ASSY.



BATTERY ASSY.

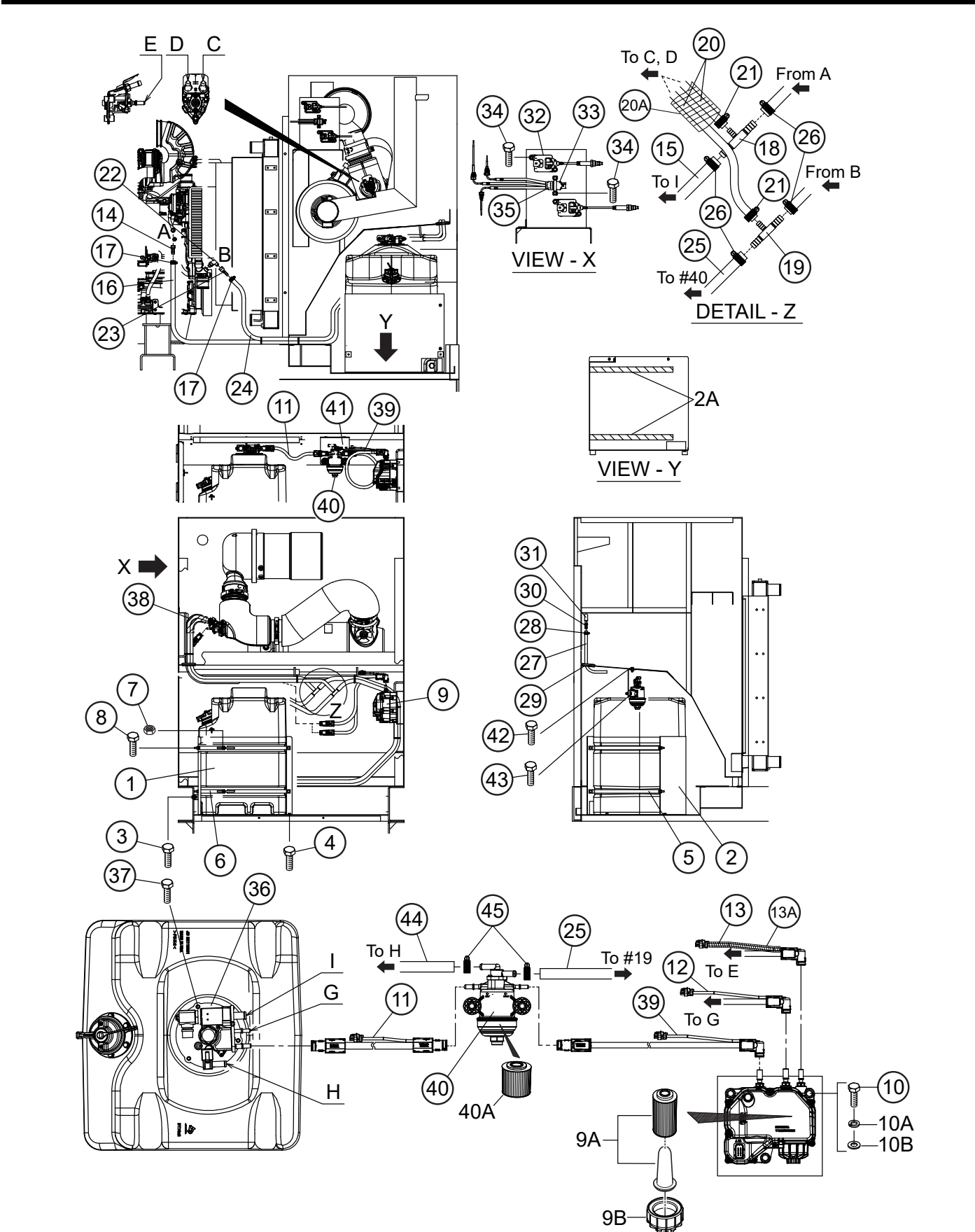
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0602220198	BATTERY 904D	1	
2	M9103000504	BATTERY BAND	1	
3	0602220921	BATTERY BOLT SET BHB-12J 1/4-L12"	2.....	INCLUDES ITEMS W/#
3A#		WING NUT	2	
3B#		WASHER, PLASTIC	2	
4	M9310500404	BATTERY SHEET	1.....	NO LONGER AVAILABLE
5	M5347900504	BATTERY CABLE	1	
6	M5347900604	BATTERY CABLE	1	
7	Y0013616030	HEX. HEAD BOLT	1	
7A	0040016000	WASHER, LOCK	1	
7B	0041216000	WASHER, FLAT	1	
7C	0040516000	TOOTHED WASHER	1	
8	0016910025	HEX. HEAD BOLT 10X25	1	
8A	0040510000	TOOTHED WASHER	1	
9		EARTH CABLE	1.....	OBTAIN LOCALLY

MUFFLER ASSY.



MUFFLER ASSY.

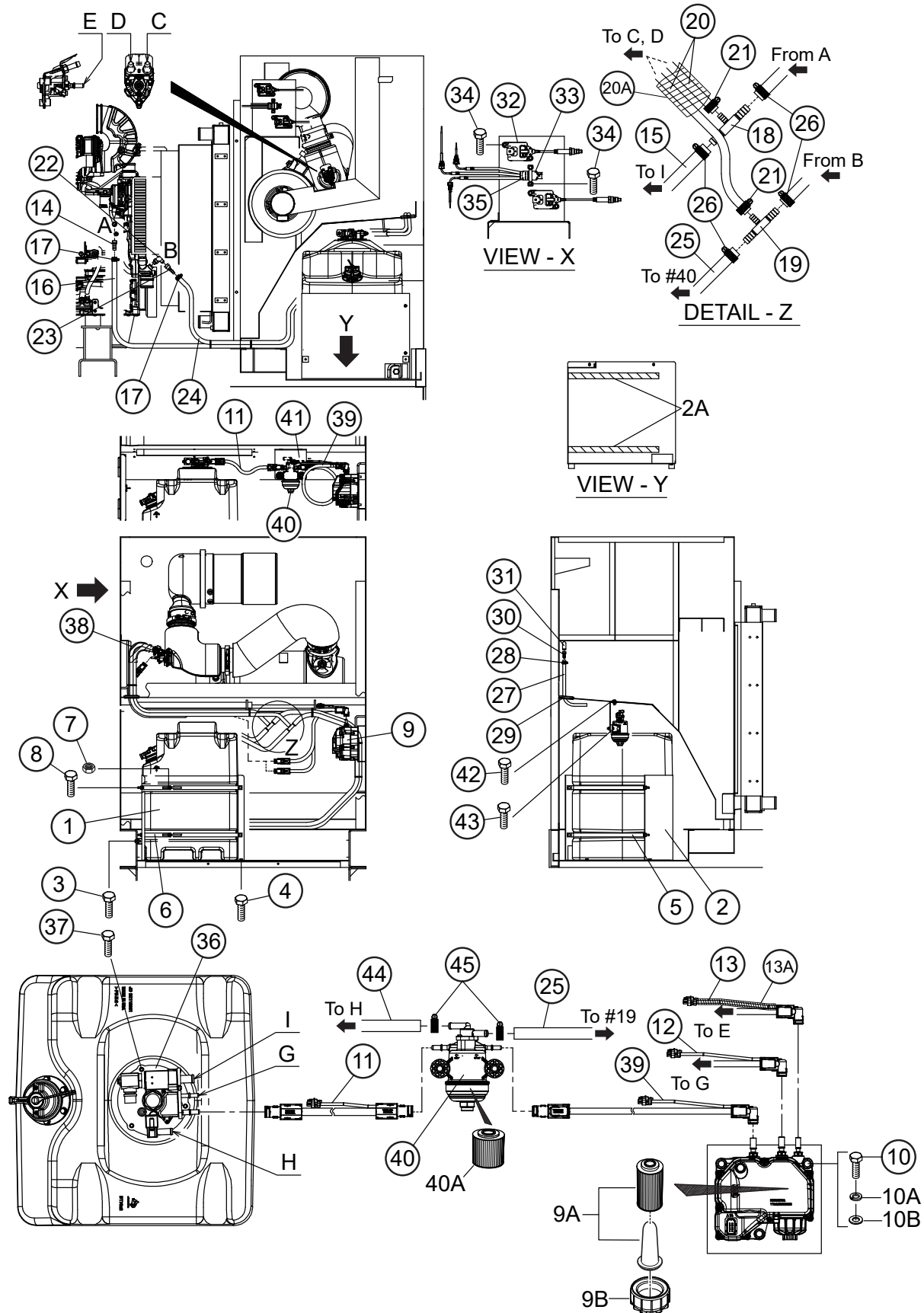
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	DZ100501	DIESEL OXIDATION CATALYST	1.....	REPLACES P/N 0602330106
2	DZ100467	SCR CATALYST.....	1.....	REPLACES P/N 0602330304
3	RE565074	DECOMPOSITION TUBE.....	1.....	REPLACES P/N 0602330403
4	RE559456	DECOMPOSITION EXTENTION TUBE	1.....	REPLACES P/N 0602330404
5	RE540348	CLAMP, V-BAND	3	REPLACES P/N 0602325034
6	R529640	GASKET	3.....	REPLACES P/N 0602320205
7	RE560468	DEF DOSING INJECTOR.....	1.....	REPLACES P/N 0602330405
8	RE556879	GASKET	1.....	REPLACES P/N 0602330406
9	R537624	HEX HEAD BOLT.....	3.....	REPLACES P/N 0602330407
10	RE289839	CLAMP, V-BAND	1	
11	R528112	SEALING RING	1	
12	Y0602325026	PIPE BAND	1	
13	M3334100103	TAIL PIPE	1	
13A	Y0602311172	INSULATING MAT, EXHAUST	1	
14	0400005080	INSULATING WRAP, EXHAUST	1	
15	M3334001203	PIPE, EXHAUST	1	
15A	0602311170	INSULATING MAT, EXHAUST	1	
15B	0602311171	INSULATING MAT, EXHAUST	1	
16	RE298757	V-BAND CLAMP	1	
17	R300529	SEALING RING	1	
18	0602326060	U-BOLT	1	
19	M3334300604	COVER, EXHAUST PIPE	1	
20	M3334300503	BRACKET, EXHAUST PIPE	1	
21	011008020	HEX. HEAD BOLT 8X20	4.....	REPLACES P/N 0016908020
22	M3331200302	BRACKET, DOC AND SCR	1	
23	0016910025	HEX. HEAD BOLT 10X25	4	
24	M3331400604	DPF BAND	2	
25	M3331400704	SCR BAND	2	
26	011008020	HEX. HEAD BOLT 8X20	4.....	REPLACES P/N 0016908020
27	020108060	U-NUT.....	4.....	REPLACES P/N 0037908000
27A	0401450080	WASHER, FLAT.....	4.....	REPLACES P/N 0041208000
28	Y0013616030	HEX. HEAD BOLT	4	
28A	0040016000	WASHER, LOCK	4	
28B	0041216000	WASHER, FLAT	4	
29	0605515202	HOSE BAND	2	
30	011008020	HEX. HEAD BOLT 8X20	1.....	REPLACES P/N 0016908020
31	0601851736	GROMMET	2	



DEF TANK ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	DZ113662	DEF TANK	1	REPLACES P/N 0605500074
2	M5331402103	BRACKET, DEF TANK	1	
2A	0222100480	SEAL, RUBBER	2	
3	011208025	HEX HEAD BOLT 8X25	2	REPLACES P/N 0016908025
4	011008020	HEX HEAD BOLT 8X20	2	REPLACES P/N 0016908020
5	M3331402804	DEF TANK BAND	2	
6	M5331402004	DEF TANK BAND	2	
7	Y0207008000	SELF-LOCKING NUT	4	
8	011008020	HEX HEAD BOLT 8X25	4	REPLACES P/N 0016908020
9	RE552175	DEF SUPPLY MODULE	1	REPLACES P/N 0602330400
9A	RE55498	FILTER KIT, DEF SUPPLY MODULE	1	
9B	RE555351	COVER KIT, DEF SUPPLY MODULE	1	
10	0013608090	HEX HEAD BOLT	3	
10A	0040008000	WASHER, LOCK	3	
10B	0401450080	WASHER, FLAT	3	REPLACES P/N 0041208000
11	RE560893	DEF SUCTION LINE	1	REPLACES P/N 0602330428
				S/N 8900690 AND BELOW
11	0602330512	DEF SUCTION LINE	1	S/N 8900691 AND ABOVE
12	RE560877	DEF BACKFLOW LINE	1	REPLACES P/N 0602330429
13	RE560897	DEF PRESSURE LINE	1	REPLACES P/N 0602330423
13A	Y0602311173	INSULATING SLEEVE	1	S/N 8900818 AND ABOVE
14	AT377287	HOSE BARB	1	REPLACES P/N 0602022975
15	0269300520	COOLANT HOSE	1	
16	0269303200	COOLANT HOSE	1	
17	0605515341	HOSE BAND	2	
18	T317541	BLACK T-FITTING W/ORIFICE	1	REPLACES P/N 0602022976
19	T296925	WHITE T-FITTING	1	REPLACES P/N 0602022977
20	Y0379602130	COOLANT HOSE	2	
20A	Y0602311173	INSULATING SLEEVE	1	S/N 8900818 AND ABOVE
21	0605515340	HOSE BAND	4	
22	0602022559	90° ELBOW	1	
23	0602022980	HOSE JOINT	1	
24	0379703250	COOLANT HOSE	1	S/N 8900690 AND BELOW
24	0379702680	COOLANT HOSE	1	S/N 8900691 AND ABOVE
25	0379700340	COOLANT HOSE	1	S/N 8900690 AND BELOW
25	0379700220	COOLANT HOSE	1	S/N 8900691 AND ABOVE
26	0605515341	HOSE BAND, 62P08	6	S/N 8900794 AND BELOW
26	0605515198	HOSE BAND, 5008	6	S/N 8900795 AND ABOVE
27	0191301150	VENT HOSE	1	
28	0605515340	HOSE BAND	2	
29	0601851756	GROMMET	1	
30	H216170	FITTING, DEF TANK VENT	1	REPLACES P/N 0602330402
31	H216169	FILTER, DEF TANK VENT	1	REPLACES P/N 0602330401
32	RE575061	NOX SENSOR	2	REPLACES P/N 0602330427
33	RE566739	SCR TEMP. SENSOR	1	REPLACES P/N 0602330426
34	0016906015	HEX HEAD BOLT 6X16	6	
35	RE542006	STRAP TEMP. SENSOR	1	REPLACES P/N 0602330205

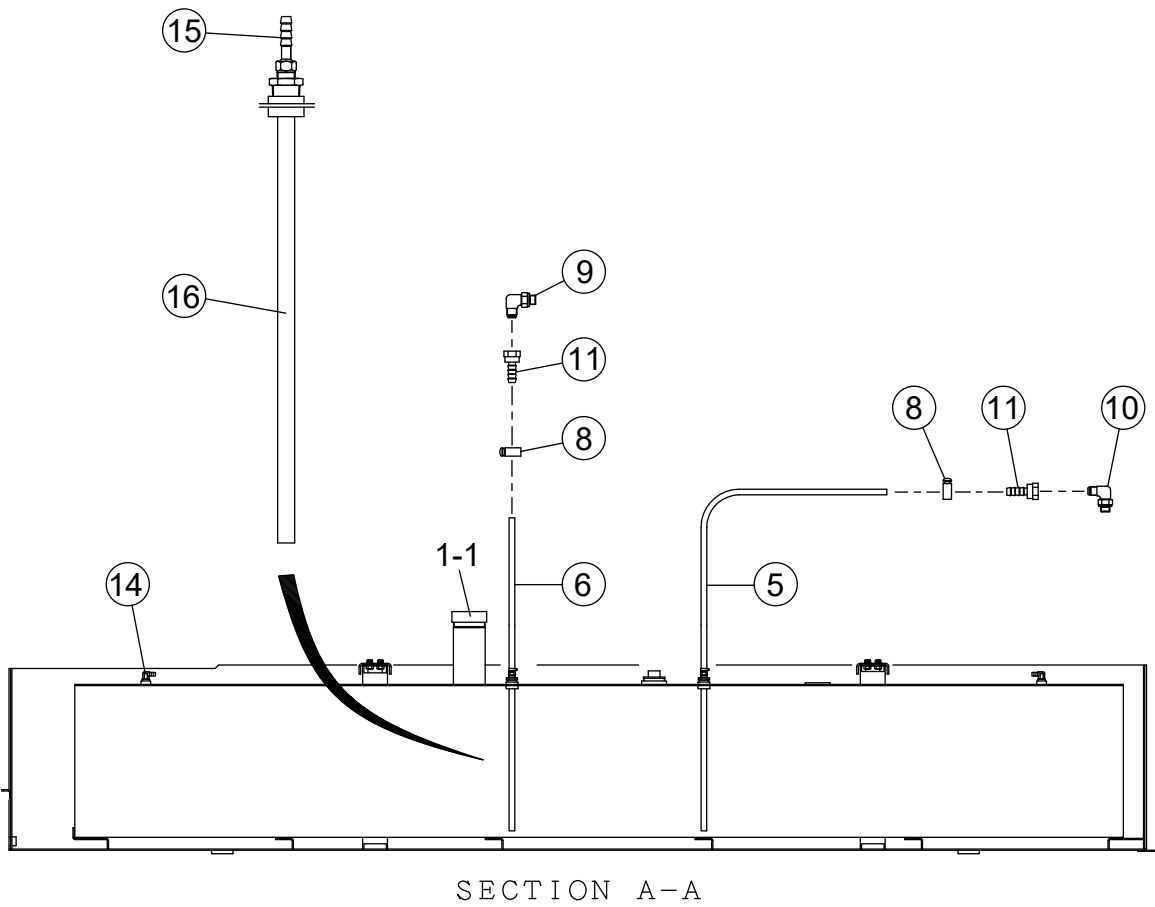
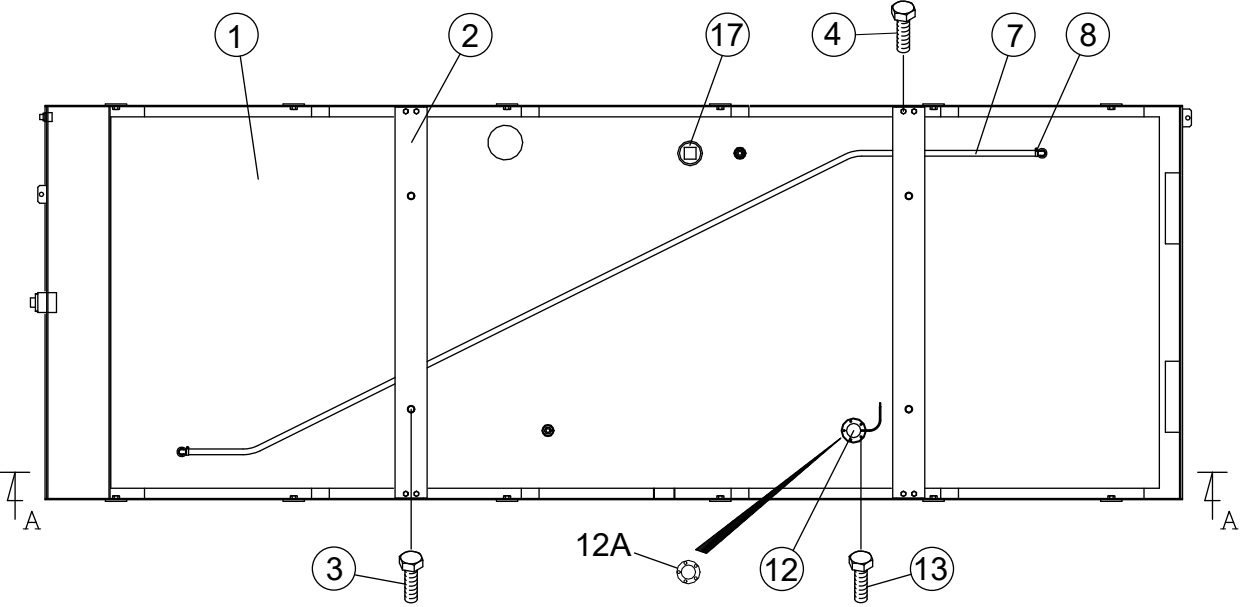
DEF TANK ASSY. (CONT'D.)



DEF TANK ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
36	DZ103804	DEF HEADER.....	1.....	REPLACES P/N 0602330422
37	19M10399	HEX HEAD BOLT.....	3.....	REPLACES P/N 0602330420
38	0602311190	SLEEVE, INSULATING, HARNESS	2.....	S/N 8900817 AND BELOW
38	Y0602311197	SLEEVE, INSULATING, HARNESS	1.....	S/N 8900818 AND ABOVE
39	0602330513	DEF SUCTION JUMPER LINE.....	1.....	S/N 8900691 AND ABOVE
40	0602330510	DEF IN-LINE FILTER.....	1.....	S/N 8900691 AND ABOVE
40A	0602330511	DEF FILTER KIT	1.....	S/N 8900691 AND ABOVE
41	M5331402204	DEF FILTER BRACKET.....	1.....	S/N 8900691 AND ABOVE
42	011008020	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908020 S/N 8900691 AND ABOVE
43	011208030	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908030 S/N 8900691 AND ABOVE
44	0379700485	COOLANT HOSE	1.....	S/N 8900691 AND ABOVE
45	Y0605515341	HOSE BAND, 62P08	2.....	S/N 8900691 ~ 8900794
45	0605515198	HOSE BAND, 5008.....	2.....	S/N 8900795 AND ABOVE

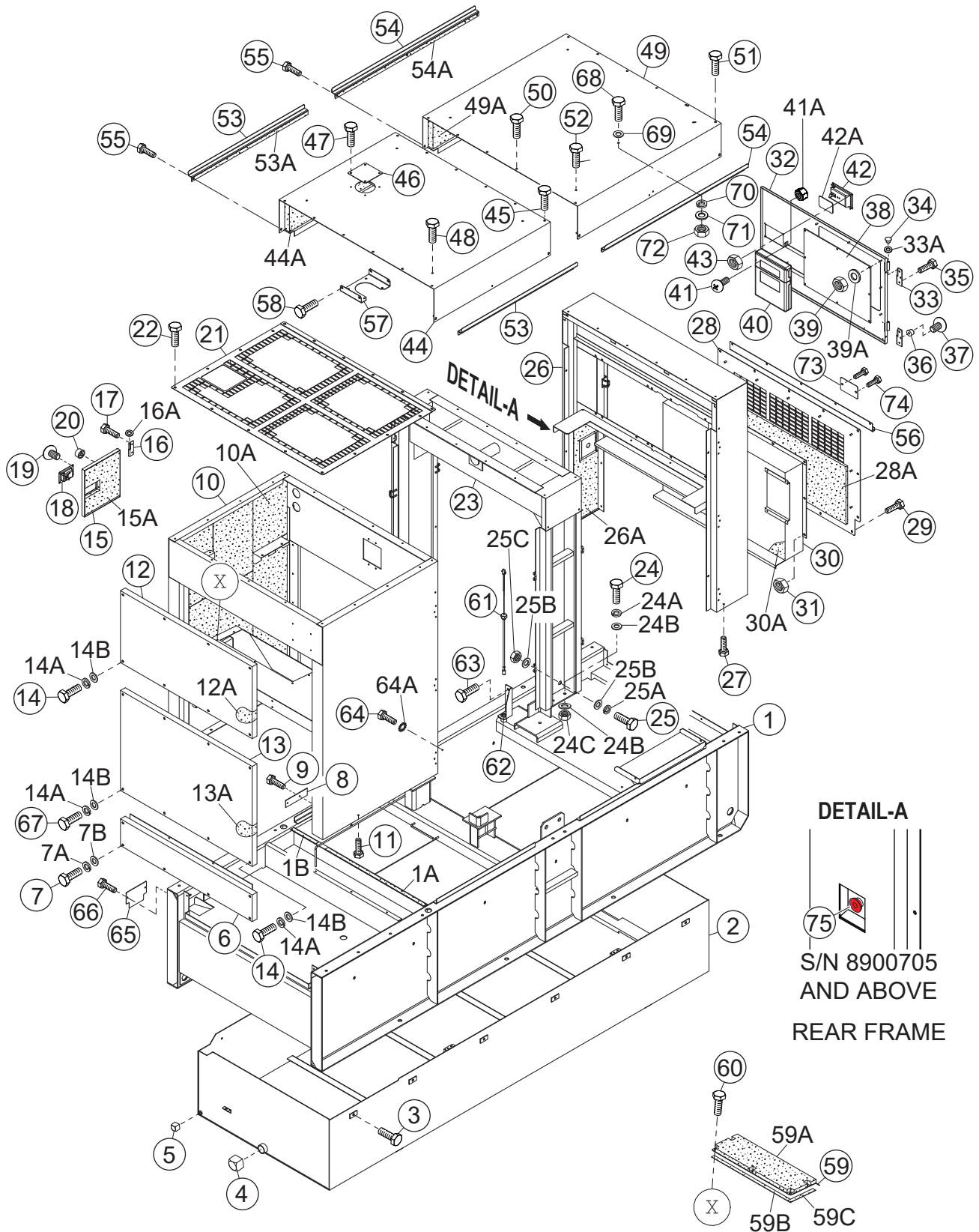
FUEL TANK ASSY.



FUEL TANK ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3364000513	FUEL TANK	1	
1-1	0605505072	CAP, FUEL TANK	1	
2	M3364300704	BRACKET, FUEL TANK	2	
3	0016910025	HEX. HEAD BOLT 10X25	4	
4	011208025	HEX. HEAD BOLT 8X25	8.....	REPLACES P/N 0016908025
5	Y0191300980	HOSE, SUCTION	1	
6	Y0191300980	HOSE, RETURN	1	
7	0191302700	HOSE, VENT	1	
8	Y0605515340	BAND, HOSE	6	
9	Y0602022577	90° ELBOW	1	
10	Y0602022578	90° ELBOW	1	
11	Y0602022985	JOINT, HOSE	2	
12	Y0605501049	FUEL SENDER UNIT	1	
12A	Y0605516090	GASKET	1	
13	Y0605053021	HEX. HEAD BOLT	5	
14	0602022791	JOINT, 1/2" HOSE	2	
15	0602022778	JOINT, 3/8" HOSE	2	
16	M3364400504	TUBE, PICKUP	2	
17	Y0603306729	PLUG, SQUARE HEAD PIPE	1	

ENCLOSURE 1 ASSY.



ENCLOSURE 1 ASSY.

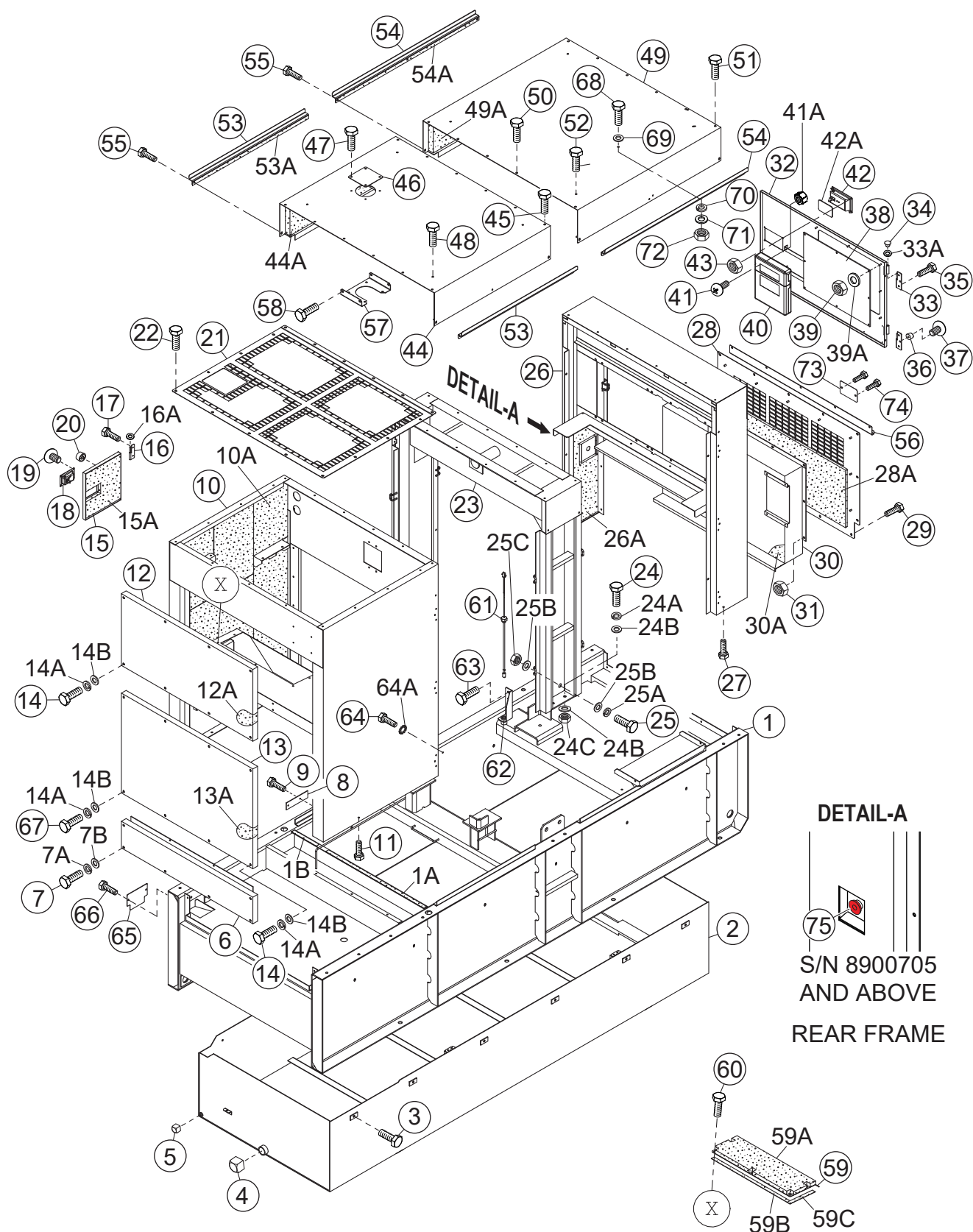
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3414001702	BASE	1	
1A	Y0229200830	SEAL, RUBBER	1	
1B	0229200210	SEAL, RUBBER	1	
2	M3364301003	ENVIRONMENTAL TANK	1	
3	0016910030	HEX. HEAD BOLT	12	
4	0603306797	PLUG, 1-1/2" SQUARE HEAD PIPE	1	
5	Y0603306793	PLUG, 1/2" SQUARE HEAD PIPE	1	
6	M3414400303	BASE COVER	1	
7	0019108055	HEX. HEAD BOLT	6	
7A	0042308000	WASHER, LOCK	6	
7B	0401450080	WASHER, FLAT	6	REPLACES P/N 0042408000
8	M2414800304	HOLE COVER	1	
9	011008020	HEX. HEAD BOLT 8X20	2	REPLACES P/N 0016908020
10	M3424001102	FRONT FRAME	1	
10A	M3494112003	ACOUSTIC SHEET	1	S/N 8900690 AND BELOW
10A	M3494112013	ACOUSTIC SHEET	1	S/N 8900691 AND ABOVE
11	0016910025	HEX. HEAD BOLT 10X25	8	
12	M3424100003	PANEL, FRONT FRAME	1	
12A	M3494113204	ACOUSTIC SHEET	1	
13	M3424100203	PANEL, FRONT FRAME	1	
13A	M3494118804	ACOUSTIC SHEET	1	
14	0019108055	HEX. HEAD BOLT	8	
14A	0042308000	WASHER, LOCK	16	
14B	0401450080	WASHER, FLAT	16	REPLACES P/N 0042408000
15	M5424600004	DOOR, DEF SUPPLY	1	
15A	M5494108204	ACOUSTIC SHEET	1	
16	M9112100004	HINGE	2	
16A	M9118000004	WASHER	2	
17	011206020	HEX. HEAD BOLT.....	4	REPLACES P/N 0019206020
18	0605010230	HANDLE, DOOR	1	
19	0021805015	MACHINE SCREW	4	
20	0601851613	STOPPER	1	
21	M3424201803	OVER COVER, FRONT FRAME	1	
22	0019208020	HEX. HEAD BOLT	17	
23	M3434000602	CENTER FRAME	1	
24	Y0013614040	HEX. HEAD BOLT	4	

ADD THE FOLLOWING DIGITS AFTER THE PART
NUMBER WHEN ORDERING ANY PAINTED PANEL TO
INDICATE COLOR OF UNIT:

1-ORANGE	6-CATERPILLAR YELLOW
2-WHITE	7-CATO GOLD
3-SPECTRUM GREY	8-RED
4-SUNBELT GREEN	9-DESERT TAN
5-BLACK	

THE SERIAL NUMBER MAY BE REQUIRED.

ENCLOSURE 1 ASSY. (CONT'D.)



ENCLOSURE 1 ASSY. (CONT'D.)

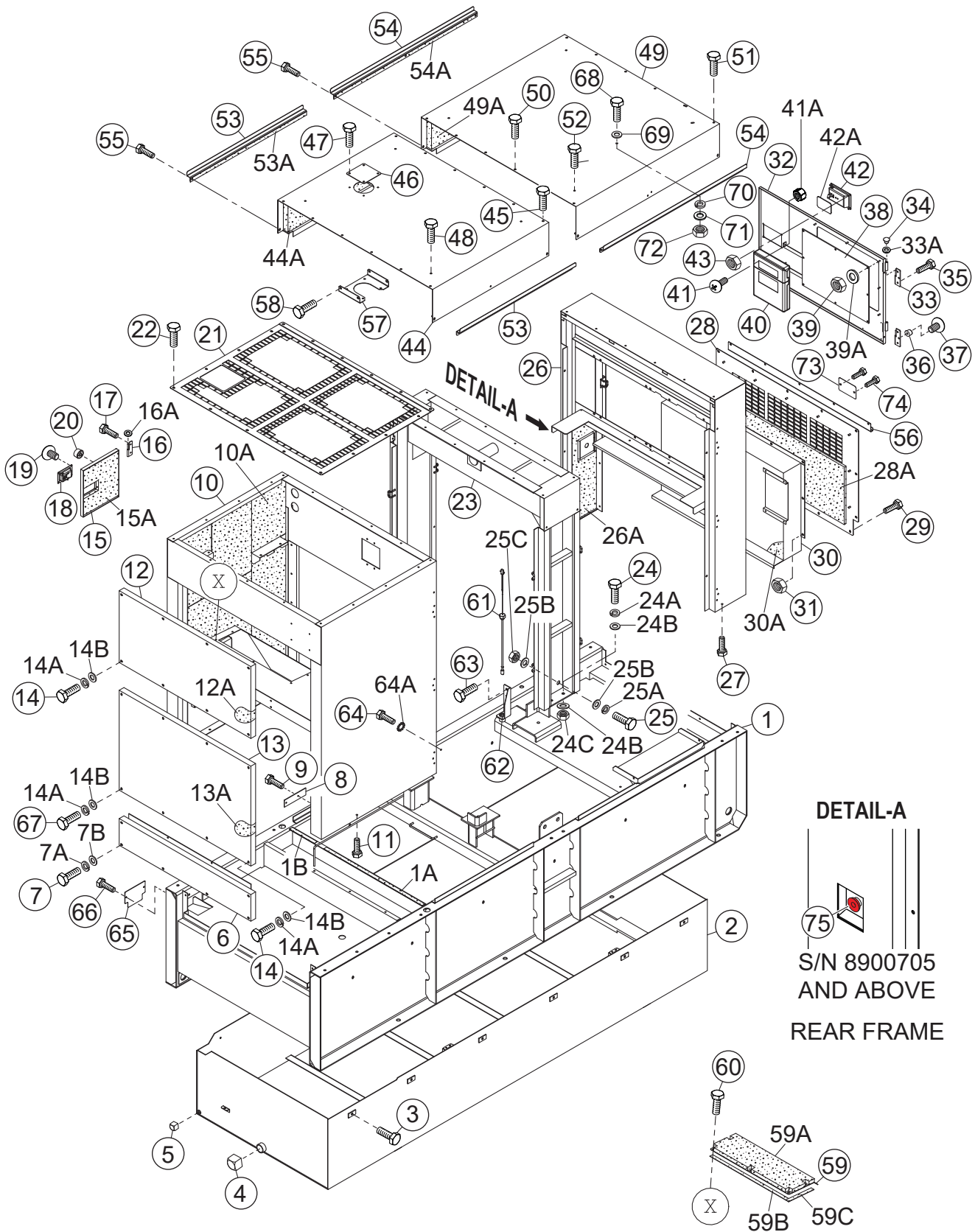
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
24A	030214350	WASHER, LOCK.....	4.....	REPLACES P/N 0040014000
24B	031114260	WASHER, FLAT.....	8.....	REPLACES P/N 0041214000
24C	515455840	HEX. NUT	4.....	REPLACES P/N 0030014000
25	Y0013620050	HEX. HEAD BOLT	4	
25A	030220510	WASHER, LOCK.....	4.....	REPLACES P/N 0040020000
25B	0041220000	WASHER, FLAT	8	
25C	0030020000	HEX. NUT	4	
26	M3444000702	REAR FRAME	1.....	S/N 8900704 AND BELOW
26	M3444000712	REAR FRAME	1.....	S/N 8900705 AND ABOVE
26A	M3494302304	ACOUSTIC SHEET	1.....	S/N 8900704 AND BELOW
26A	M3494302314	ACOUSTIC SHEET	1.....	S/N 8900705 AND ABOVE
27	0016910025	HEX. HEAD BOLT 10X25	4	
28	M3444300904	COVER, REAR FRAME	1	
28A	M3494302404	ACOUSTIC SHEET	1	
29	0019208020	HEX. HEAD BOLT	14	
30	M4444300003	DUCT, REAR FRAME	1	
30A	M4493303004	ACOUSTIC SHEET	1	
31	Y0207008000	SELF-LOCKING NUT	9	
32	M3444200303	DOOR, REAR FRAME.....	1.....	S/N 8900726 AND BELOW
32	M3444200903	DOOR, REAR FRAME.....	1.....	S/N 8900727 AND ABOVE
33	M9110100204	HINGE	2	
33A	M9116100004	WASHER	2	
34	0845031504	BLIND PLUG.....	2.....	REPLACES P/N M9310000004
35	0019208020	HEX. HEAD BOLT	3	
36	0601850097	RUBBER CUSHION	1	
37	0027208025	MACHINE SCREW	1	
38	M4443600004	PLATE, WINDOW	1	
39	020106050	SELF-LOCKING U-NUT	8.....	REPLACES P/N 0037906000
39A	952404470	WASHER, FLAT.....	8.....	REPLACES P/N 0041206000
40	0600800320	MANUAL PAK	1	
41	0021806015	MACHINE SCREW.....	4.....	S/N 8900726 AND BELOW
41A	0176060030	SELF-LOCKING NUT	4.....	S/N 8900727 AND ABOVE
42	Y0605012318	DOOR HANDLE	1	
42A	C9312500004	SEAL, RUBBER	1	
43	Y0207006000	SELF-LOCKING NUT	4	
44	M3464100502	ROOF PANEL	1	
44A	M3494504204	ACOUSTIC SHEET	1	

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5-BLACK	

THE SERIAL NUMBER MAY BE REQUIRED.

ENCLOSURE 1 ASSY. (CONT'D.)



ENCLOSURE 1 ASSY. (CONT'D.)

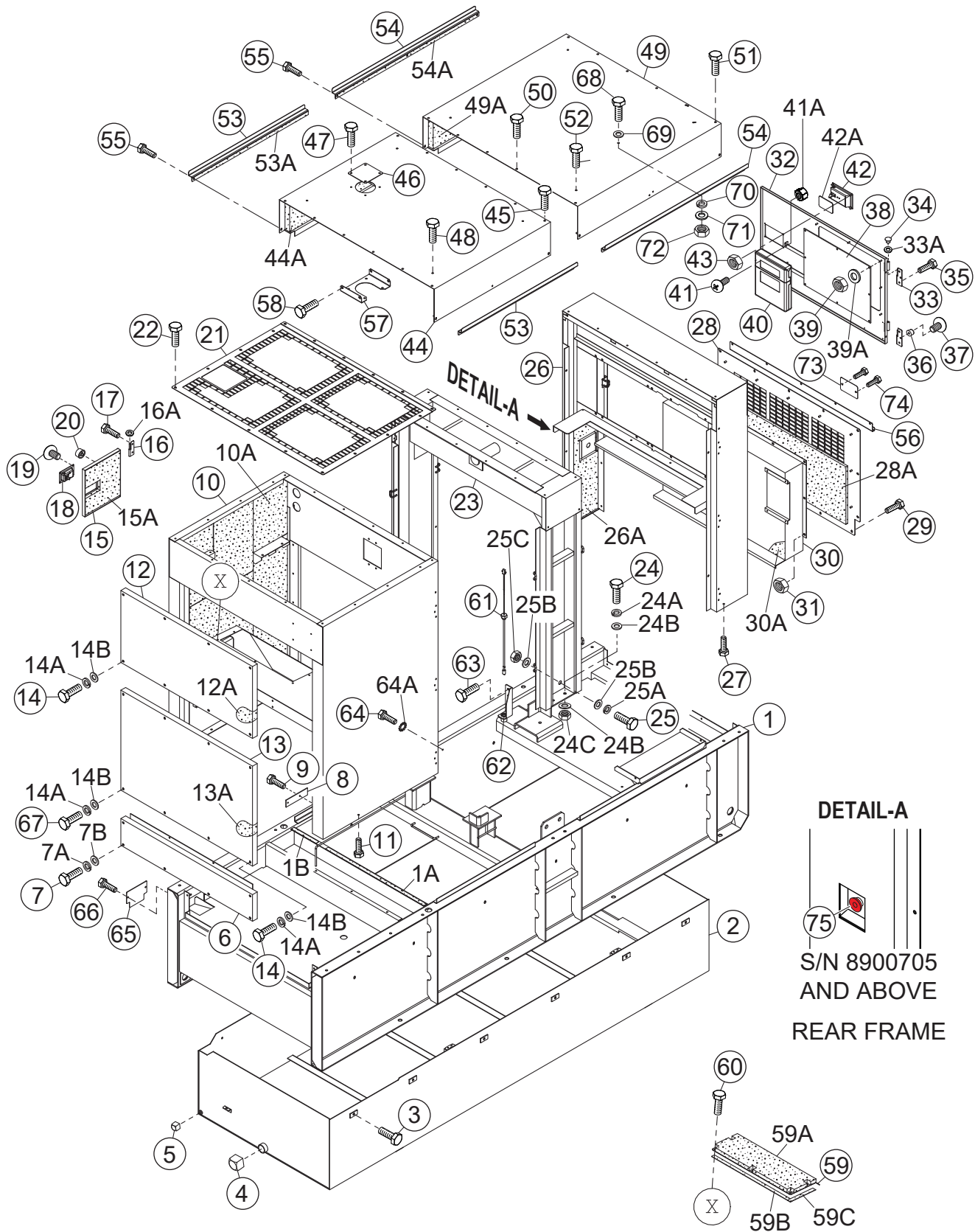
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
45	Y0019208035	HEX. HEAD BOLT	6	
46	M3310600004	COVER, RADIATOR CAP	1	
47	0019208020	HEX. HEAD BOLT	4	
48	0019210025	HEX. HEAD BOLT	4	
49	M3464200502	ROOF PANEL	1	
49A	M3494504304	ACOUSTIC SHEET	1	
50	Y0019208035	HEX. HEAD BOLT	6	
51	0019208020	HEX. HEAD BOLT	6	
52	0019210025	HEX. HEAD BOLT	4	
53	M3464500104	GUTTER	2	
53A	Y0229200980	SEAL, RUBBER	2	
54	M3464500204	GUTTER	2	
54A	Y0229201210	SEAL, RUBBER	2	
55	0019208020	HEX. HEAD BOLT	12	
56	M3444800204	GUTTER	1	
57	M3317100004	BRACKET, SURGE TANK	1	
58	011008020	HEX. HEAD BOLT.....	4.....	REPLACES P/N 0016908020
59	M3424700904	DEF TANK COVER	1	
59A	M3494114004	ACOUSTIC SHEET	1	
59B	Y0229200665	SEAL, RUBBER	2	
59C	Y0229200215	SEAL, RUBBER	2	
60	011008020	HEX. HEAD BOLT.....	8.....	REPLACES P/N 0016908020
61	0605503062	FLOAT SWITCH	1	
62	M3414800504	BRACKET, FLOAT SWITCH	1	
63	011008020	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908020
64	011008020	HEX. HEAD BOLT.....	1.....	REPLACES P/N 0016908020
64A	0040508000	TOOTHED WASHER	1	
65	M5414800204	COVER	1	

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ENCLOSURE 1 ASSY. (CONT'D.)



ENCLOSURE 1 ASSY. (CONT'D.)

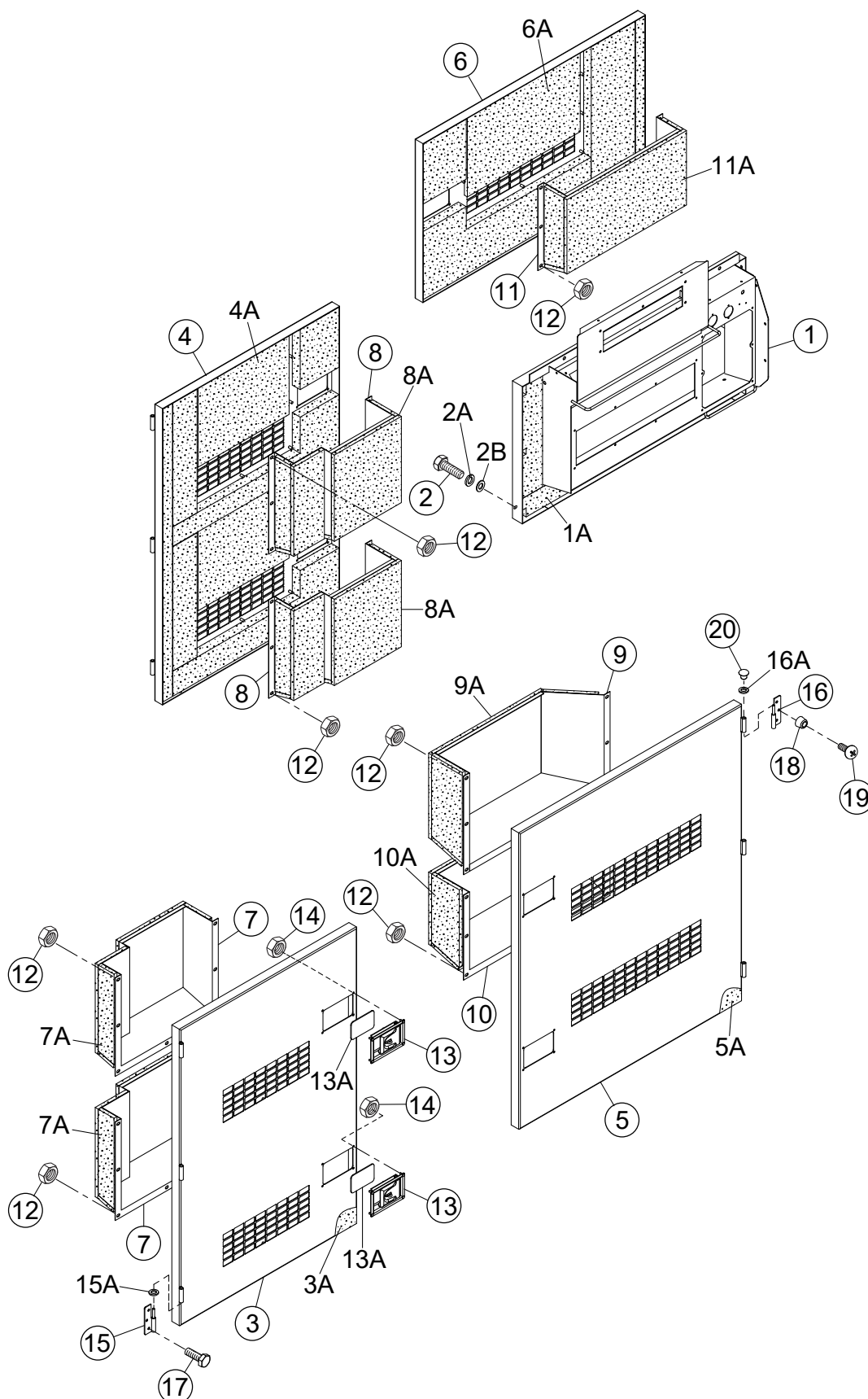
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
66	Y0016906020	HEX. HEAD BOLT	2	
67	0019108065	HEX. HEAD BOLT	8	
68	0019112030	HEX. HEAD BOLT.....	1.....	S/N 8900673 AND ABOVE
69	0605050040	SEALING WASHER.....	1.....	S/N 8900673 AND ABOVE
70	0042312000	WASHER, LOCK.....	1.....	S/N 8900673 AND ABOVE
71	0042412000	WASHER, PLAIN.....	1.....	S/N 8900673 AND ABOVE
72	0030012000	HEX. HEAD NUT	1.....	S/N 8900673 AND ABOVE
73	M5444800104	BLIND BOARD.....	1.....	S/N 8900705 AND ABOVE
74	011206020	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016906020 S/N 8900705 ~ 8900794
75	0601831927	EMERGENCY STOP BUTTON	1.....	S/N 8900705 AND ABOVE

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THE SERIAL NUMBER MAY BE REQUIRED.

ENCLOSURE 2 ASSY.



ENCLOSURE 2 ASSY.

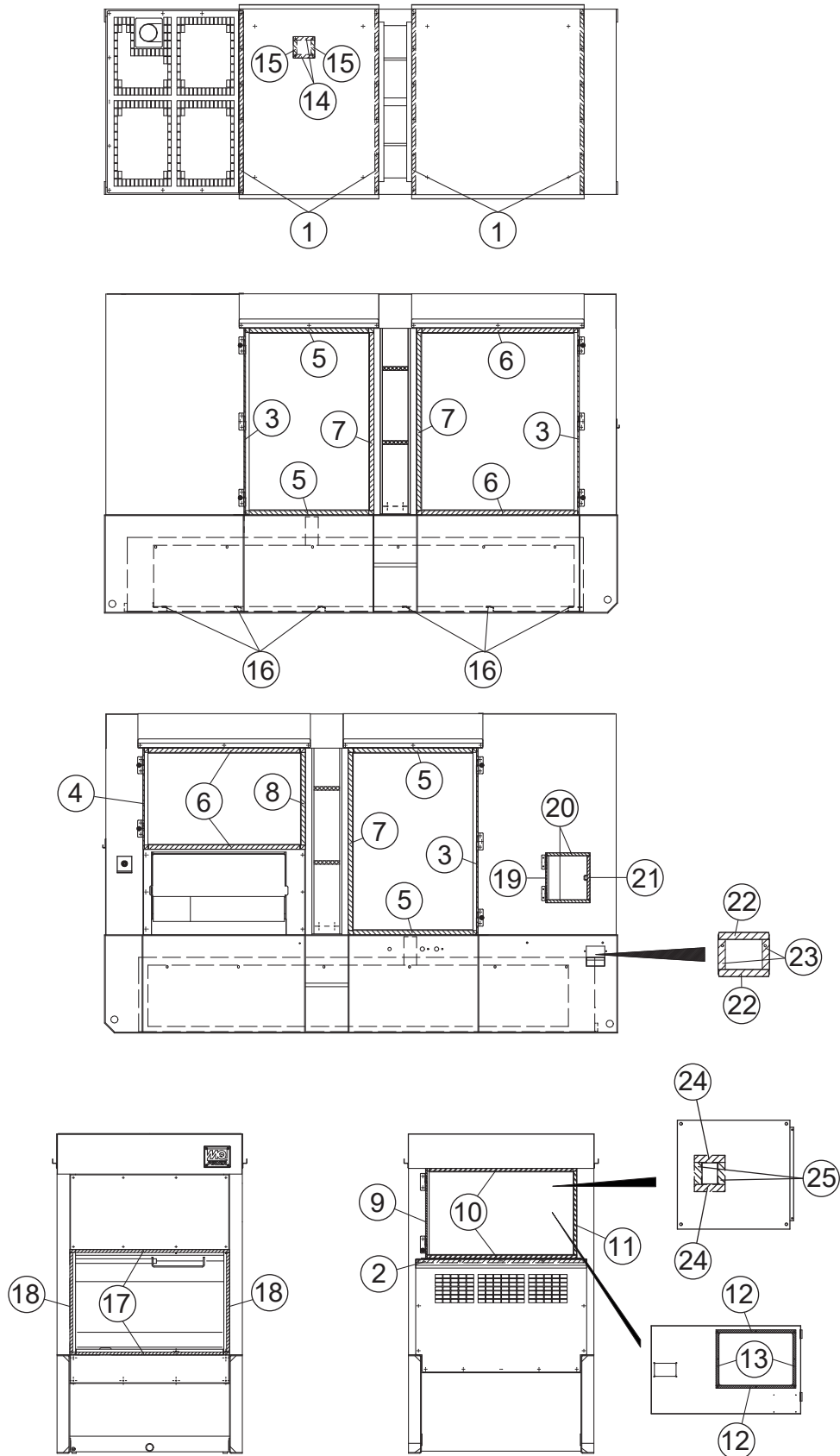
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3454200802	SPLASHER PANEL	1.....	S/N 8900755 AND BELOW S/N 8900762 ~ 8900794
1	M3454201802	SPLASHER PANEL	1.....	S/N 8900756 ~ 8900761 S/N 8900795 AND ABOVE
1A	M3494421504	ACOUSTIC SHEET	1	
2	0019108065	HEX. HEAD BOLT M8X65	6	
2A	0042308000	WASHER, LOCK	6	
2B	0401450080	WASHER, FLAT	6.....	REPLACES P/N 0042408000
3	M3454002503	SIDE DOOR	1	
3A	M3494420604	ACOUSTIC SHEET	1	
4	M3454002603	SIDE DOOR	1	
4A	M3494420704	ACOUSTIC SHEET	1	
5	M3454002703	SIDE DOOR	1	
5A	M3494420804	ACOUSTIC SHEET	1	
6	M3454002803	SIDE DOOR	1	
6A	M3494420904	ACOUSTIC SHEET	1	
7	M3454301504	DUCT	2	
7A	M3494421004	ACOUSTIC SHEET	2	
8	M3454301604	DUCT	2	
8A	M3494421104	ACOUSTIC SHEET	2	
9	M3454301704	DUCT	1	
9A	M3494421204	ACOUSTIC SHEET	1	
10	M5454301004	DUCT	1	
10A	M3494421304	ACOUSTIC SHEET	1	
11	M3454301804	DUCT	1	
11A	M3494421404	ACOUSTIC SHEET	1	
12	Y0207008000	SELF-LOCKING NUT	49	
13	Y0605012318	HANDLE, DOOR	7	
13A	C9312500004	SEAL RUBBER	7	
14	Y0207006000	SELF-LOCKING NUT	28	
15	M9110100804	HINGE	5	
15A	M9116100004	WASHER	5	
16	M9110100904	HINGE	6	
16A	M9116100004	WASHER	6	
17	0019208020	HEX. HEAD BOLT	25	
18	0601850097	RUBBER CUSHION	8	
19	0027208025	MACHINE SCREW	8	
20	0845031504	BLIND PLUG.....	11.....	REPLACES P/N M9310000004

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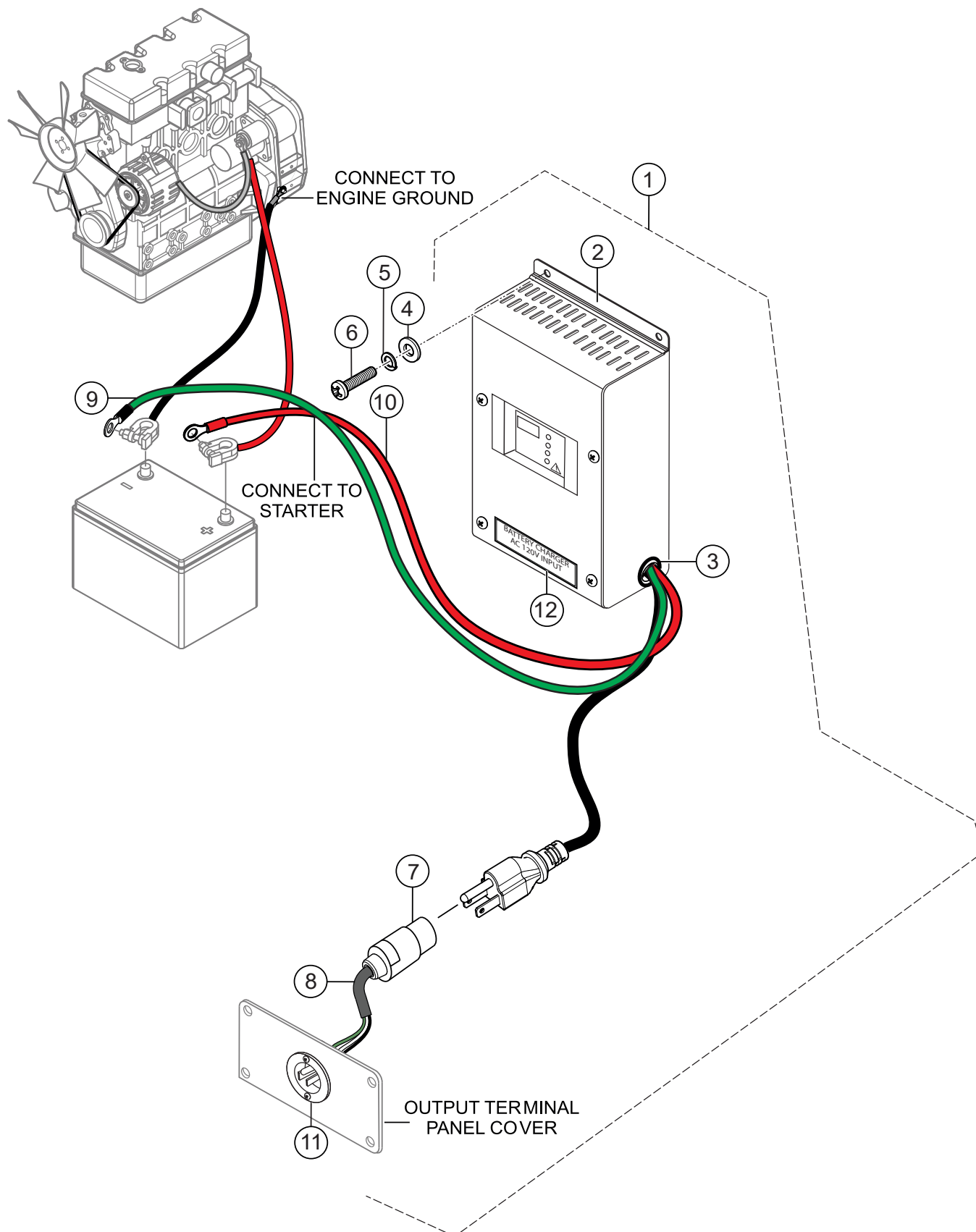
RUBBER SEALS ASSY.



RUBBER SEALS ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0229201300	SEAL, RUBBER	4	
2	0229201200	SEAL, RUBBER	1	
3	0228901310	SEAL, RUBBER	3	
4	0228900710	SEAL, RUBBER	1	
5	0228900900	SEAL, RUBBER	4	
6	0228901130	SEAL, RUBBER	4	
7	0228901250	SEAL, RUBBER	3	
8	0228900650	SEAL, RUBBER	1	
9	0229400630	SEAL, RUBBER	1	
10	0228801050	SEAL, RUBBER	2	
11	0228800590	SEAL, RUBBER	1	
12	Y0228100560	SEAL, RUBBER	2	
13	Y0228100370	SEAL, RUBBER	2	
14	Y0229200145	SEAL, RUBBER	2	
15	Y0229200100	SEAL, RUBBER	2	
16	Y0222101100	SEAL, RUBBER	6	
17	Y0228801120	SEAL, RUBBER	2	
18	Y0228800700	SEAL, RUBBER	2	
19	Y0229400350	SEAL, RUBBER	1	
20	Y0228800300	SEAL, RUBBER	2	
21	Y0228800310	SEAL, RUBBER	1	
22	Y0229200175	SEAL, RUBBER	2	
23	Y0229200105	SEAL, RUBBER	2	
24	Y0222100128	RESTON	2.....	S/N 8900807 AND ABOVE
25	Y0222100092	RESTON	2.....	S/N 8900807 AND ABOVE

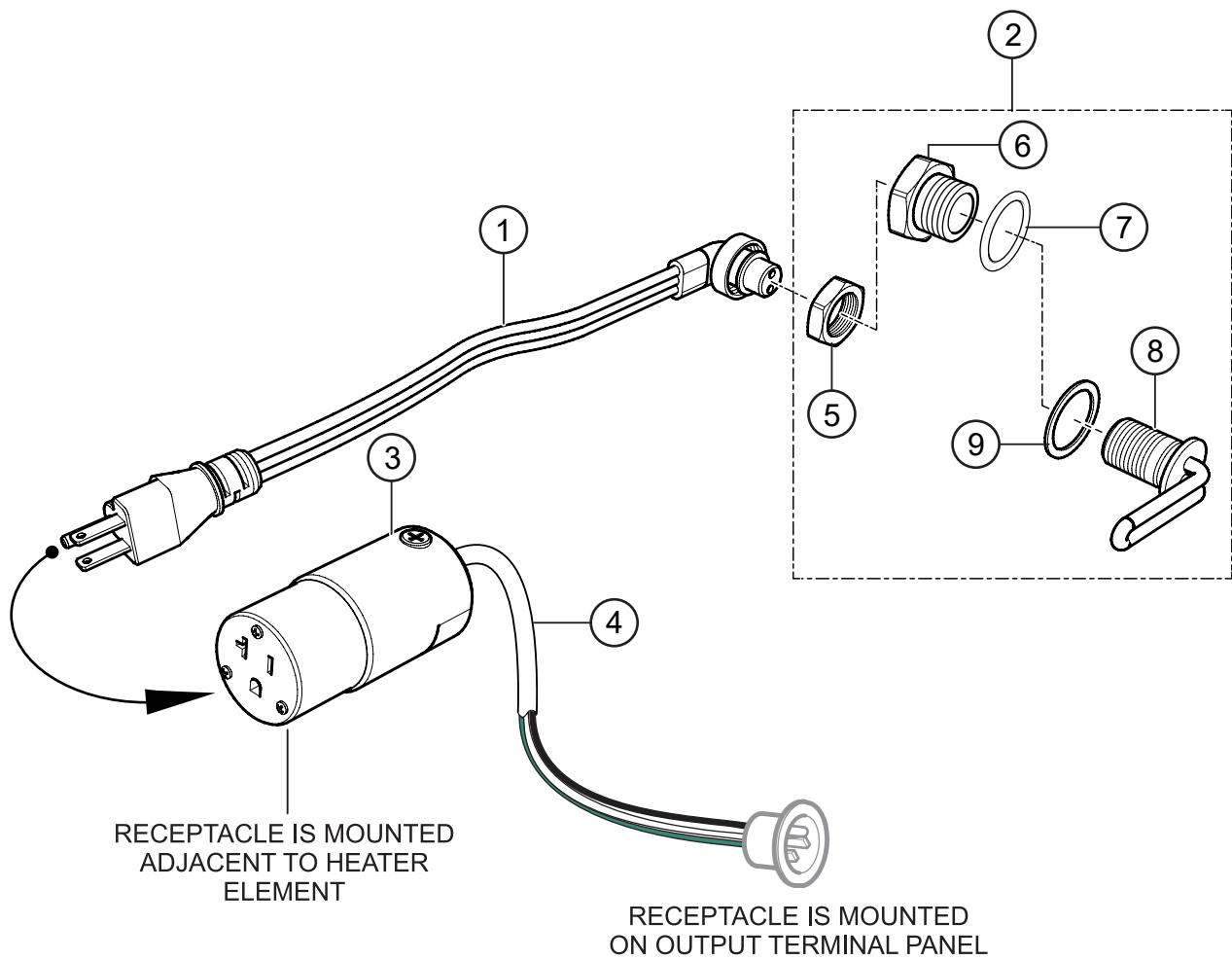
BATTERY CHARGER ASSY. (OPTION)



BATTERY CHARGER ASSY. (OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	MQPBCKIT-H	BATTERY CHARGER KIT	1.....	INCLUDES ITEMS W/#
2#	EE57370	CHARGER, 10A 12/24V NRG BATTERY	1	
3#		GROMMET, 7/8" HOLE SIZE.....	1.....	OBTAIN LOCALLY
4		WASHER, FLAT M4.....	4.....	OBTAIN LOCALLY
5		WASHER, LOCK M4.....	4.....	OBTAIN LOCALLY
6		SCREW, M4X10	4.....	OBTAIN LOCALLY
7#	HBL5369C	CONNECTOR, 20A, 125V	1	
8#	EE56557	CORD, 3-CONDUCTOR, 14 AWG (10 FT.)	10.....	1PC = 1FT
9		WIRE, 16 AWG GREEN.....	AR	OBTAIN LOCALLY
10		WIRE, 16 AWG RED.....	AR	OBTAIN LOCALLY
11#	HBL5278C	INLET FLANGE 15AMP NEMA, 125V	1	
12#	M1940011014Q	DECAL, BATTERY CHARGER	1	

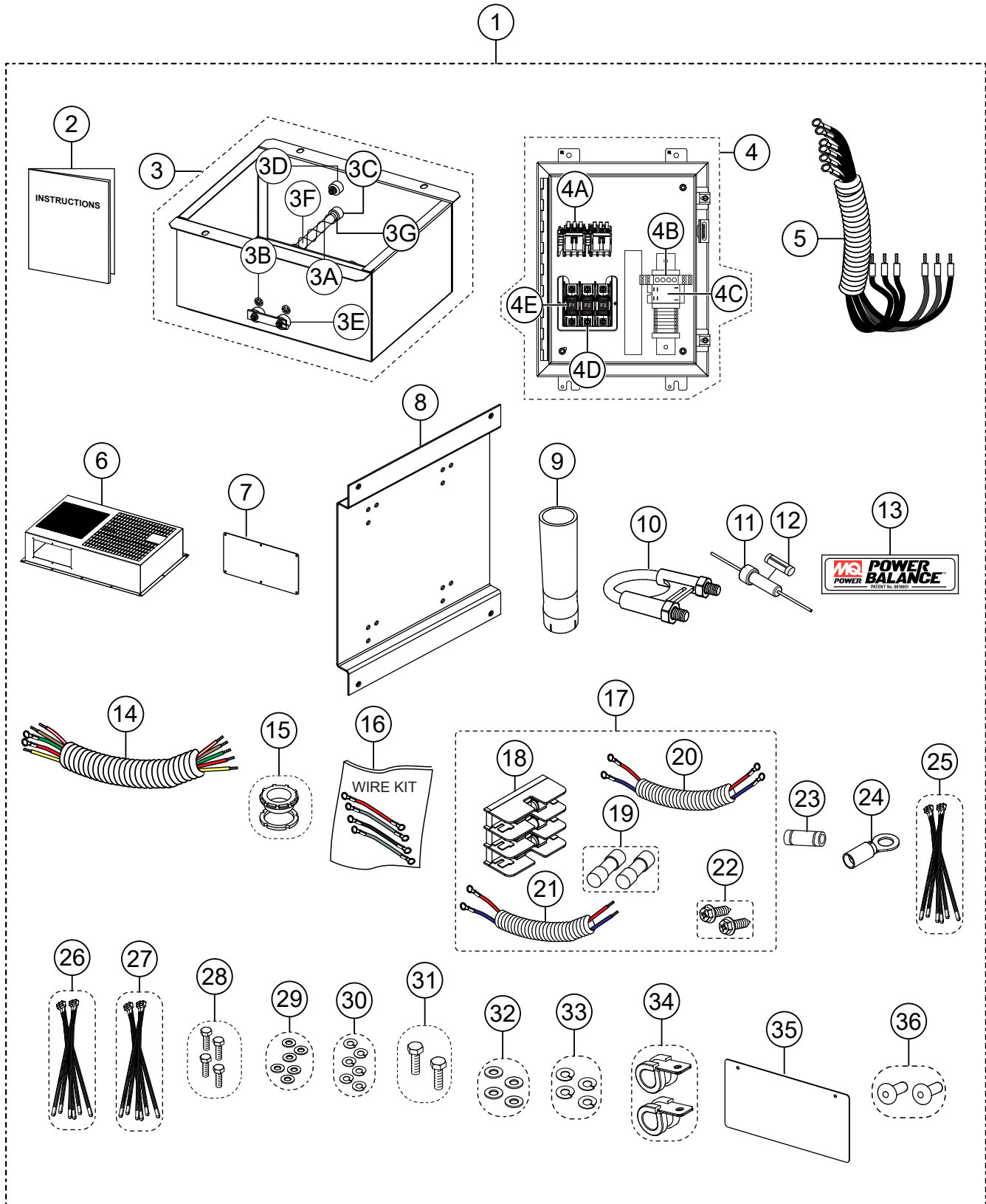
WATER HEATING ELEMENT ASSY. (OPTION)



WATER HEATING ELEMENT ASSY. (OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	AR50411	POWER CORD, 90°	1	
2	RE42139	HEATER, COOLANT 1000W	1	INCLUDES ITEMS W/#
3	HBL5369C	CONNECTOR, 20A, 125V	1	
4	EE56557	CORD, CAROL 3/C 14AWG	10	1PC = 1FT
5#		NUT, CLAMPING	1	
6#		ADAPTER	1	
7#		O-RING	1	
8#		HEATER ELEMENT	1	
9#		GASKET	1	

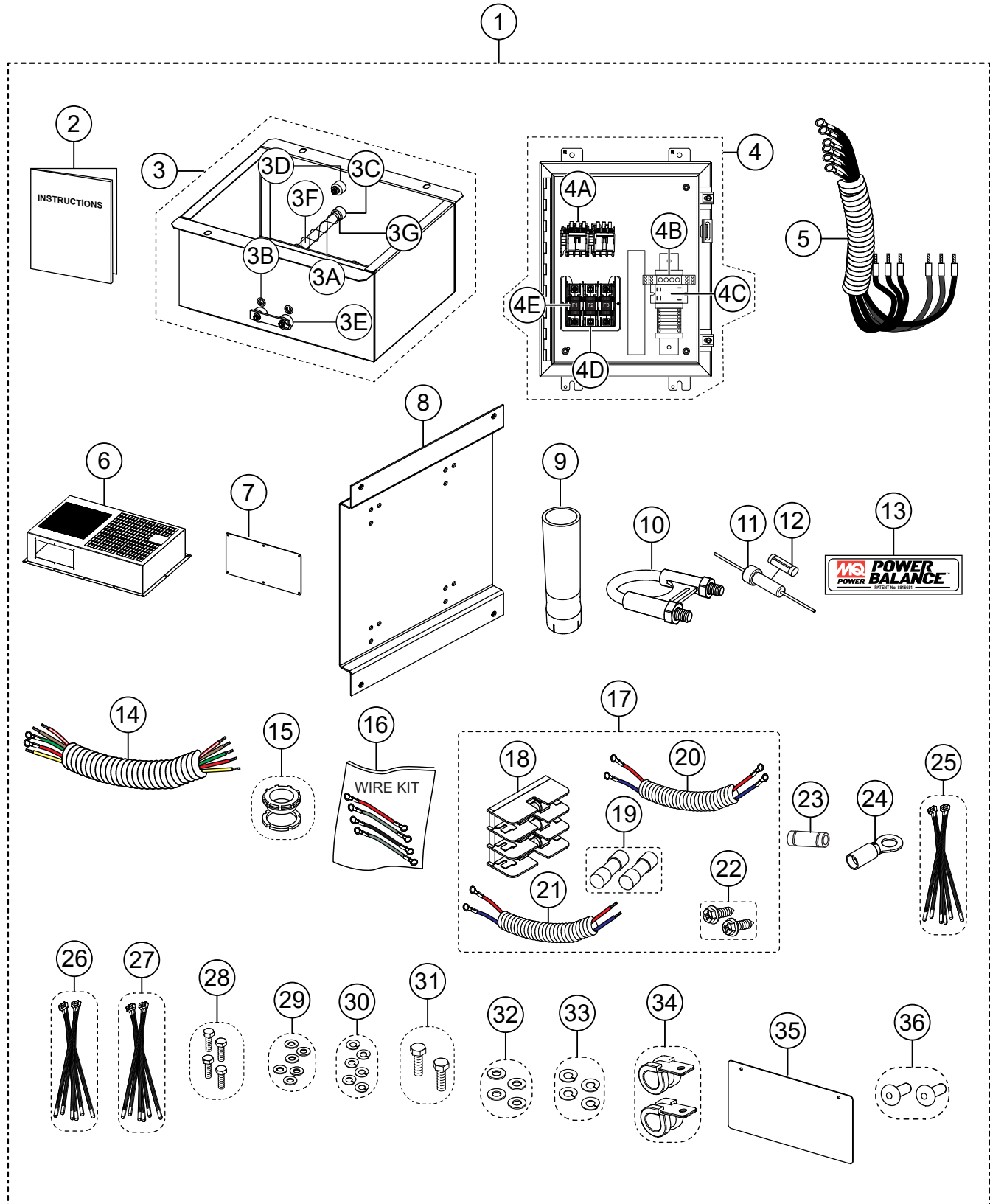
POWER BALANCE ASSY.



POWER BALANCE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	MQPPB180J4F	KIT, POWER BALANCE	1.....	INCLUDES ITEMS W/#
2#	EE60796	WORK INST, POWER BALANCE	1	
3#	EE60546	RESISTOR ASSY., 50 KW	1.....	INCLUDES ITEMS W/%
3A%#	LBV-RE68	RESISTOR ELEMENT	12	
3B%#	LBD538/L1134-RA	ELEMENT ROD	12	
3C%#	P0267	CERAMIC INSULATOR THROUGH ROD	24	
3D%#	C0010-8	CERAMIC SPACER	48	
3E%#	P0273-4	INSULATOR, TERMINAL, 1/4	24	
3F%#	P0073-516R	INSULATOR, L3 STEATITE EXTRUDED	96	
3G%#	LBD163	HARDWARE, PR END SPRING	24	
4#	EE60569	CONTACTOR ASSY., 50 KW, 12V.....	1.....	INCLUDES ITEMS W/\$
4A\$#	LBD1132	CONTACTOR, 3 POLE, 75A, 12VDC	2	
4B\$#	LBD1056	RELAY, VOLTAGE CONTROL, 460V	1	
4C\$#	LBD707	RELAY, DPDT, 12VDC	1	
4D\$#	LBD560	FUSE HOLDER, 400A, 1000V	3	
4E\$#	LBD132	FUSE, 150A, 600V	3	
5#	EE60789	HARNESS ASSY.	1	
6#	EE60545	W/A RESISTOR COVER	1	
7#	EE58650	SIDE PLATE, RESISTOR COVER	2	
8#	EE58032	BRACKET CONTACTOR BOX	1	
9#	EE60563	TAILPIPE EXT., 5"X13.5" LONG, SS	1	
10#	EE16728	U-CLAMP, 5"X3/8", ZINC PLTD.	1	
11#	303110	IN-LINE, FUSE HOLDER.....	1.....	INCLUDES ITEMS W/@
12@#		FUSE, 10A (AGC10)	1	
13#	EE61332	DECAL, POWERBALANCE	1	
14#	EE58893	WIRE HARNESS, DC	1	
15#	EE58338	BUSHING, INSULATED W/ NUT	1	
16#	EE60790	POWER WIRES, 50 KW	1	
17#	EE60176	SENSING KIT HARNESS	1.....	INCLUDES ITEMS W/*
18*#	EE5759	FUSE BLOCK, 3 POLE	1	
19*#	EE5804	FUSE, GOULD SHAWMUT, 10A	2	
20*#	EE60164	HARNESS, AC SENSING 6' LONG	1	
21*#	EE60165	HARNESS, AC SENSING 2' LONG	1	
22*#		SCREW, 8-1/2" SELF TAPPING	2	
23#		BUTT SPLICE, 14-16 GA	1	
24#		RING TERMINAL, 14-16 GA X #10	1	
25#		TIE WRAP, #4	10	
26#		TIE WRAP, #6	10	
27#		TIE WRAP, #8	10	
28#		SCREW, M6X15MM, SS	22	
29#		WASHER, FLAT, M6, SS	24	
30#		WASHER, LOCK, M6, SS	22	

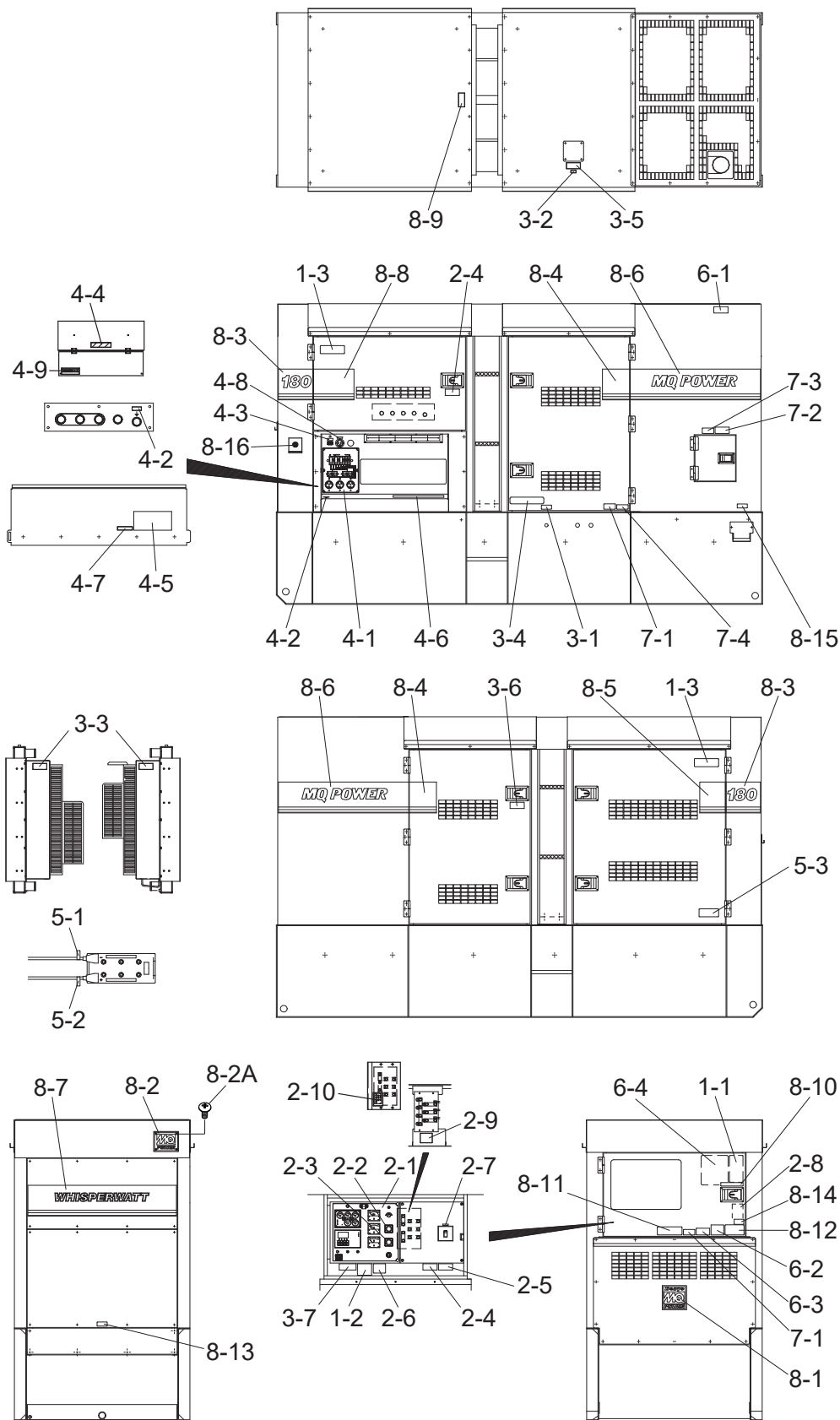
POWER BALANCE ASSY. (CONT'D.)



POWER BALANCE ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
31#		SCREW, M8X15MM, SS	4	
32#		WASHER, FLAT, M8, SS	4	
33#		WASHER, LOCK, M8, SS	4	
34#		G-CLAMP, #20 (1-1/4")X1/4" HOLE	2	
35#	EE62004	BAFFLE, POWER BALANCE RESISTOR	2	
36#		RIVET, 3/16", ALUM.	4	

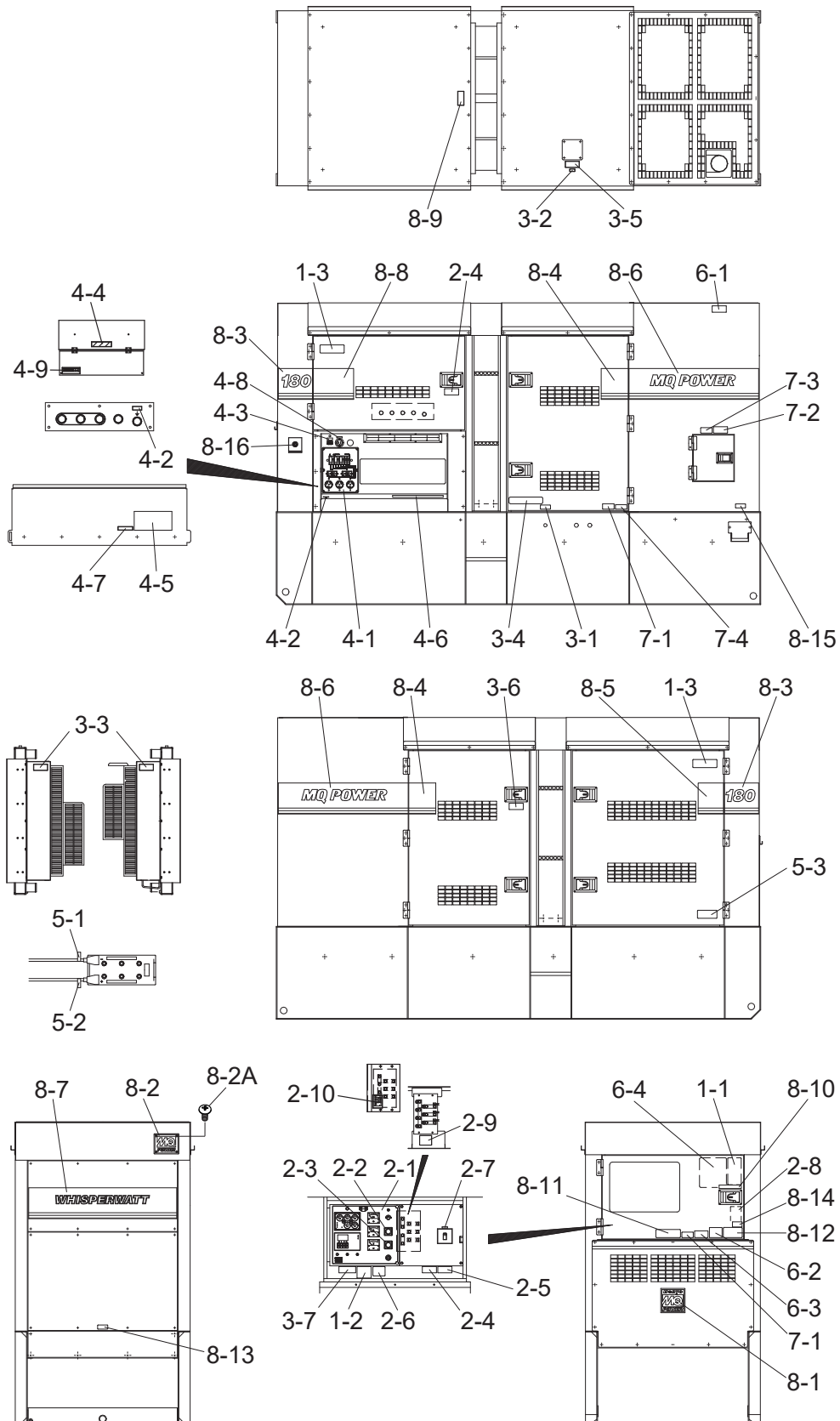
NAMEPLATE AND DECALS ASSY.



NAMEPLATE AND DECALS ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1-1	M3551000103	DECAL; OPERATING PRECAUTIONS	1.....	M35100010
1-2	M9520100304	DECAL; SAFETY INSTRUCTIONS	1.....	M92010030
1-3	M9520100603	DECAL; CAUTION	2.....	M92010060
<u>CONTROL PANEL AND BOX GROUP</u>				
2-1	M3551002102	DECAL; CONTROL PANEL	1.....	M35100210A S/N 8900704 AND BELOW
2-1	M3551002112	DECAL; CONTROL PANEL	1.....	M35100210A S/N 8900705 AND ABOVE
2-2	M9520000104	PLATE; AMMETER CHANGE-OVER SW.....	1.....	M92000010
2-3	M9520000204	PLATE; VOLTMETER CHANGE-OVER SW.....	1.....	M92000020
2-4	M9520100004	DECAL; WARNING: ELEC. SHOCK HAZARD..	2.....	M92010000
2-5	M9520100704	DECAL; WARNING: ARC FLASH.....	1.....	M92010070
2-6	M9520200404	DECAL; O.C.R. RESET	1.....	M92020040A
2-7	M9522000504	DECAL; CIRCUIT BREAKER	1.....	M92200050
2-8	M9520200303	DECAL; SETTING FOR OUTPUT VOLTAGE....	1.....	M92020030
2-9	M9520200504	DECAL; SETTING FOR OUTPUT VOLTAGE(S)1.....	1.....	M92020050
2-10	M3551003104	DECAL; V. CHANGE OVER BRD. TORQUE	1.....	M35100310 S/N 8900818 AND ABOVE
<u>ENGINE AND RADIATOR GROUP</u>				
3-1	M9500000004	DECAL; OIL DRAIN	1.....	M90000000
3-2	M9500100004	DECAL; WATER	1.....	M90010000
3-3	M9503000004	DECAL; WARNING: ROTATING PART	2.....	M90300000
3-4	M9503000103	DECAL; WATER - OIL CHECK.....	1.....	M90300010
3-5	M9503100004	DECAL; WARNING: HOT COOLANT	1.....	M90310000
3-6	M9510100004	DECAL; CAUTION: HOT PARTS.....	1.....	M91010000
3-7	M9501300004	DECAL; CAUTION: BATTERY CABLES	1.....	M90130000
<u>OUTPUT TERMINAL GROUP</u>				
4-1	M35510020031	DECAL; AUXILIARY OUTPUT	1.....	REPLACES P/N M3551002003 M35100200
4-2	M9520000004	DECAL; GROUND	2.....	M92000000
4-3	M9520000504	DECAL; START CONTACT.....	1.....	M92000050
4-4	M9520000704	DECAL; 3-PHASE OUTPUT TERMINAL.....	1.....	M92000070
4-5	M9520100404	DECAL; DANGER: HIGH VOLTAGE	1.....	M92010040
4-6	M9520100503	DECAL; WARNING.....	1.....	M92010050
4-7	M9521200604	DECAL; BONDED NEUTRAL.....	1.....	M92120060
4-8	M9522000004	DECAL; WATER HEATER	1.....	
4-9	M3551003004	DECAL; OUTPUT TERM. BOLT TORQUE.....	1.....	M35100300 S/N 8900818 AND ABOVE
<u>BATTERY GROUP</u>				
5-1	M9500300004	DECAL; -	1.....	M90030000
5-2	M9500300104	DECAL; +	1.....	M90030010
5-3	M9510100403	DECAL; CAUTION	1.....	M91010040

NAMEPLATE AND DECALS ASSY. (CONT'D.)



NAMEPLATE AND DECALS ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
<u>MUFFLER GROUP</u>				
6-1	M9503200004	DECAL; WARNING: ENGINE EXHAUST	1.....	M90320000
6-2	M9503200104	DECAL; DANGER: EXHAUST GAS (INDOOR) 1.....	1.....	M90320010
6-3	920214100	DECAL; WARNING: START FIRES.....	1.....	REPLACES P/N M9504200004 M90420000
6-4	M2551000703	DECAL; EX. FILTER CLEAN PROCEDURES...1.....	1.....	M25100070
<u>FUEL TANK GROUP</u>				
7-1	M9501500004	DECAL; DIESEL FUEL	2.....	M90150000
7-2	M9541100004	DECAL; CAUTION: EXHAUST FLUID ONLY	1.....	M94110000
7-3	M9501500104	DECAL; DIESEL EXHAUST FLUID	1.....	M90150010
7-4	M9504500004	DECAL; REFILL DEF AS WELL	1.....	M90450000
<u>ENCLOSURE GROUP</u>				
8-1	M9511200204	DECAL; MQ	1.....	M91120020
8-2	0600500092	EMBLEM.....	1.....	REPLACES P/N Y0600500092
8-2A	0021106015	MACHINE SCREW	4	
8-3	M3561100904	STRIPE	2	
8-4	M5560101604	STRIPE	2	
8-5	M3561101004	STRIPE	1	
8-6	M3561101103	STRIPE	2	
8-7	M3561101303	STRIPE	1	
8-8	M3561101204	STRIPE	1	
8-9	M5550000004	DECAL; CAUTION.....	1.....	M55000000
8-10	M9510000104	DECAL; DOCUMENT BOX LOCATED	1.....	M91000010
8-11	M9511200103	DECAL; TIER 4F.....	1.....	M91120010
8-12	M9511100004	DECAL; WARNING ENVIRONMENTAL	1.....	M91110000
8-13	M9510000004	DECAL; FLUID DRAIN	1.....	M91000000
8-14	M9504200104	DECAL; WARNING PROPOSITION 65.....	1.....	M90420010
8-15	M9507200104	DECAL; DEF DRAIN.....	1.....	M90720010
8-16	M9521002804	DECAL; EMERGENCY STOP BUTTON	1.....	M92100280
				S/N 8900705 AND ABOVE

PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
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