

PARTS MANUAL



WHISPERWATT SERIES MODEL DCA150SSJU4F3 60HZ GENERATOR (JOHN DEERE 6068HFG05 DIESEL ENGINE)

PARTS LIST NO. M3871301104F

Revision 4 (04/17/24)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

DCA150SSJU4F3
60Hz Generator

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NOTICE Specifications and part numbers are subject to change without notice.

NOTES

[illegible]

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

DCA150SSJU4F3 PORTABLE GENERATOR WITH JOHN DEERE 6068HFG05 DIESEL ENGINE

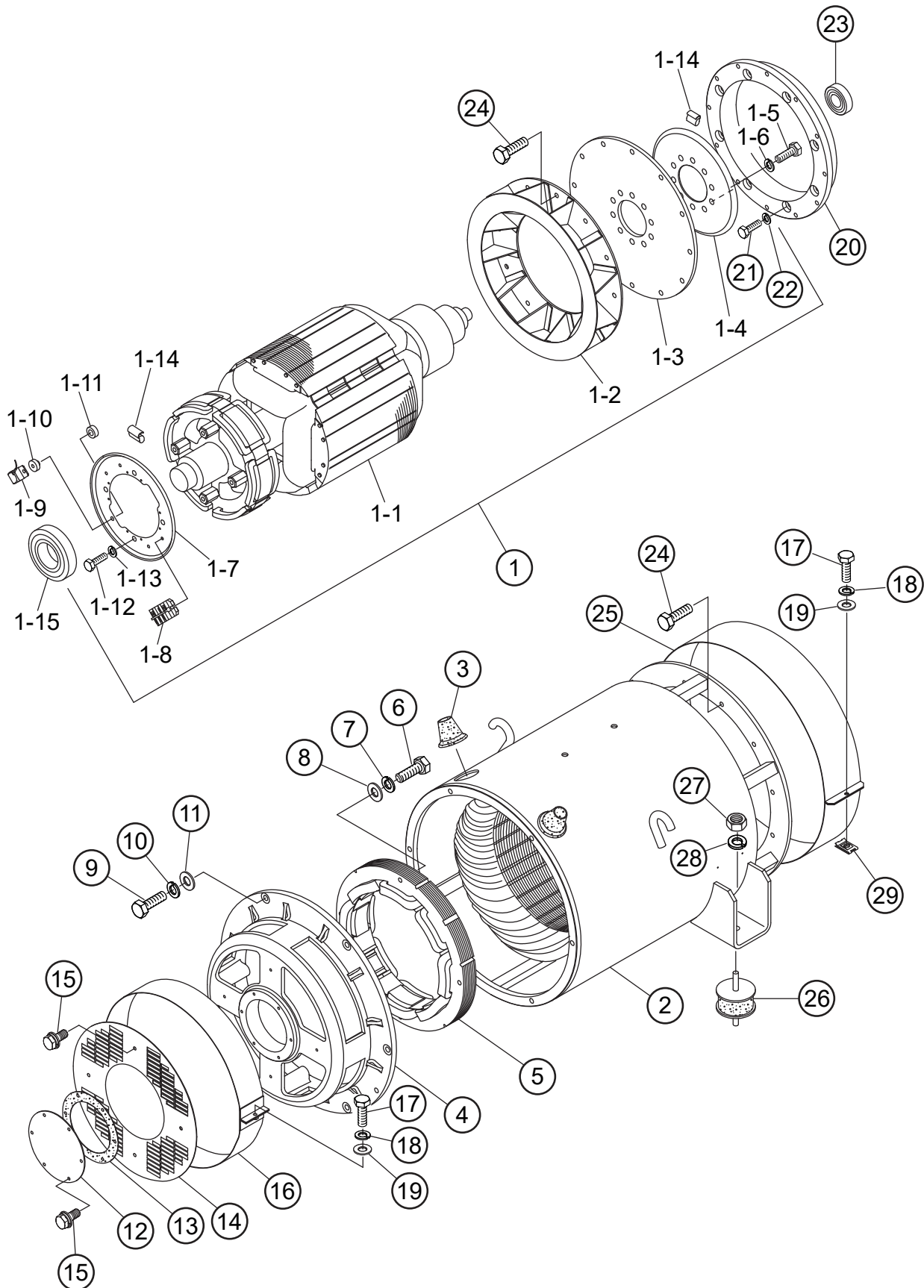
1 to 3 units

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.....	.0602046682.....	ELEMENT, AIR CLEANER OUTER
3.....	.0602046683.....	ELEMENT, AIR CLEANER INNER
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.

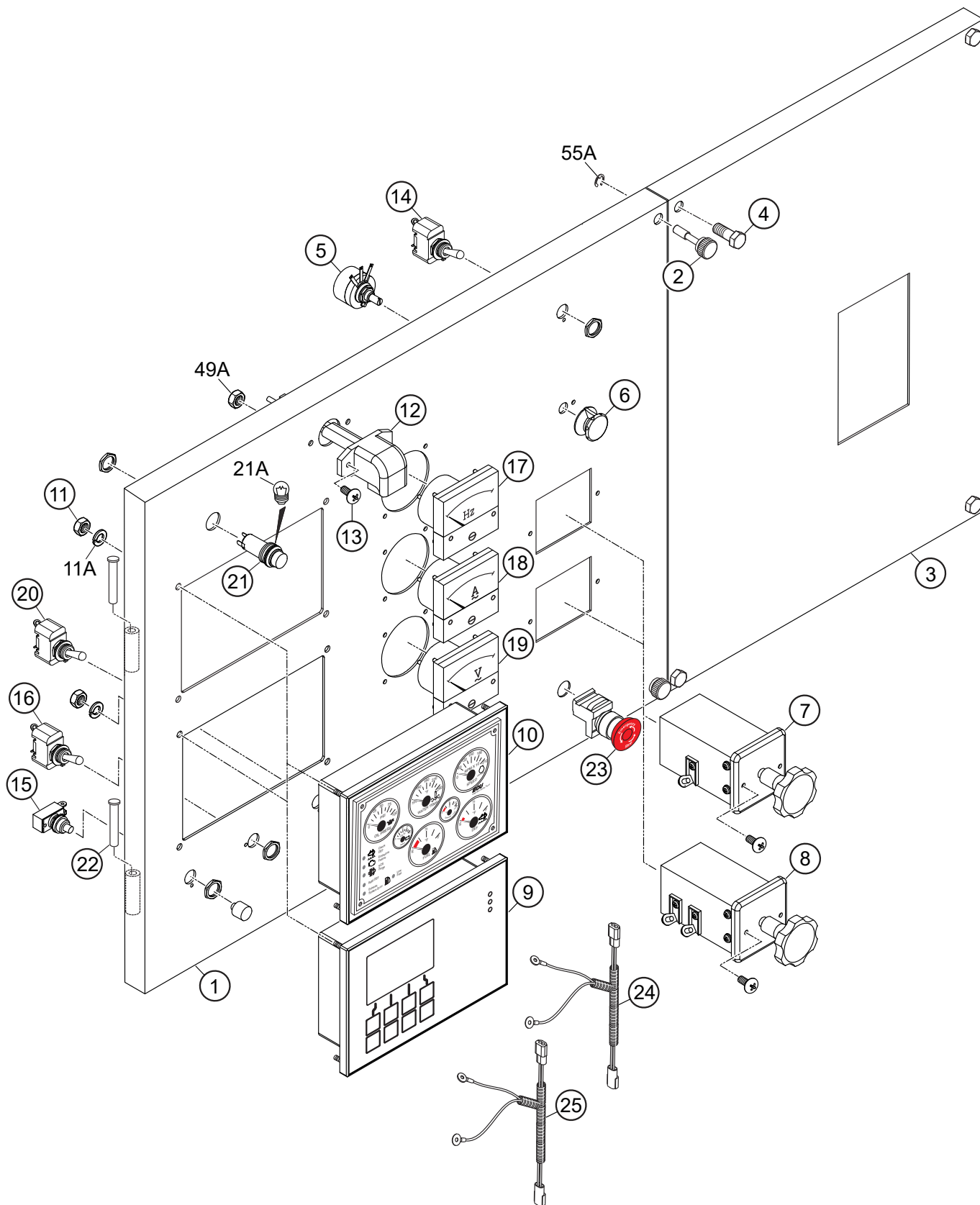
GENERATOR ASSY.



GENERATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	C0110000122	ROTOR ASSY.	1	INCLUDES ITEMS W/\$
1-1\$		FIELD ASSY.	1	
1-2\$	W8131070013	FAN	1	
1-3\$	W8131611014	COUPLING DISK	8	
1-4\$	W8131015003	BALANCING PLATE	1	PURCHASE SET OF ITEM 1-14\$
1-5\$	0012112035	HEX. HEAD BOLT	10	
1-6\$	0042612000	WASHER, LOCK	10	
1-7\$	W8101026013	SET PLATE RECTIFIER	1	PURCHASE SET OF ITEM 1-14\$
1-8\$	0601821349	RECTIFIER	2	
1-9\$	Y0601822624	SURGE ABSORBER	1	
1-10\$	W8001020004	INSULATOR WASHER	1	
1-11\$	W8001020504	INSULATOR WASHER	1	
1-12\$	012210020	HEX. HEAD BOLT	4	REPLACES P/N 0010110020
1-13\$	0040010000	WASHER, LOCK	4	
1-14\$	0601000209	BALANCING WEIGHT KIT	1	
1-15\$	0071906312	BEARING	1	
2	C0130000603	STATOR ASSY.	1	
3	W0845041804	GROMMET	2	
4	W8131315202	END BRACKET	1	
5	W8101350013	FIELD ASSY., EXCITER	1	
6	0012110060	HEX. HEAD BOLT	4	
7	0042610000	WASHER, LOCK	4	
8	031110160	WASHER, FLAT	4	REPLACES P/N 0041210000
9	0010112035	HEX. HEAD BOLT	6	
10	0040012000	WASHER, LOCK	6	
11	031112230	WASHER, FLAT	6	REPLACES P/N 0041212000
12	W8131310104	COVER, BEARING	1	
13	W8131312204	GASKET, BEARING	1	
14	W8131331003	COVER, END BRACKET	1	
15	0105050616	HEX. HEAD BOLT	10	REPLACES P/N 0017106012
16	W8101333003	COVER, END BRACKET	1	
17	0010006030	HEX. HEAD BOLT	2	REPLACES P/N 0010106030
18	0040006000	WASHER, LOCK	2	
19	952404470	WASHER, FLAT	2	REPLACES P/N 0041206000
20	M3163400303	COUPLING RING	1	
21	0343204220	HEX. HEAD BOLT	8	
22	0166 A	WASHER, LOCK	8	REPLACES P/N 0043604000
23	0070506306	BEARING	1	
24	012010030	HEX. HEAD BOLT	24	REPLACES P/N 0012810030
25	C0131300004	COVER, FAN	1	
26	Y0605000463	RUBBER SUSPENSION	2	
27	0030016000	HEX. NUT	2	
28	0040016000	WASHER, LOCK	2	
29	020106050	HEX. NUT	1	REPLACES P/N 0600815000

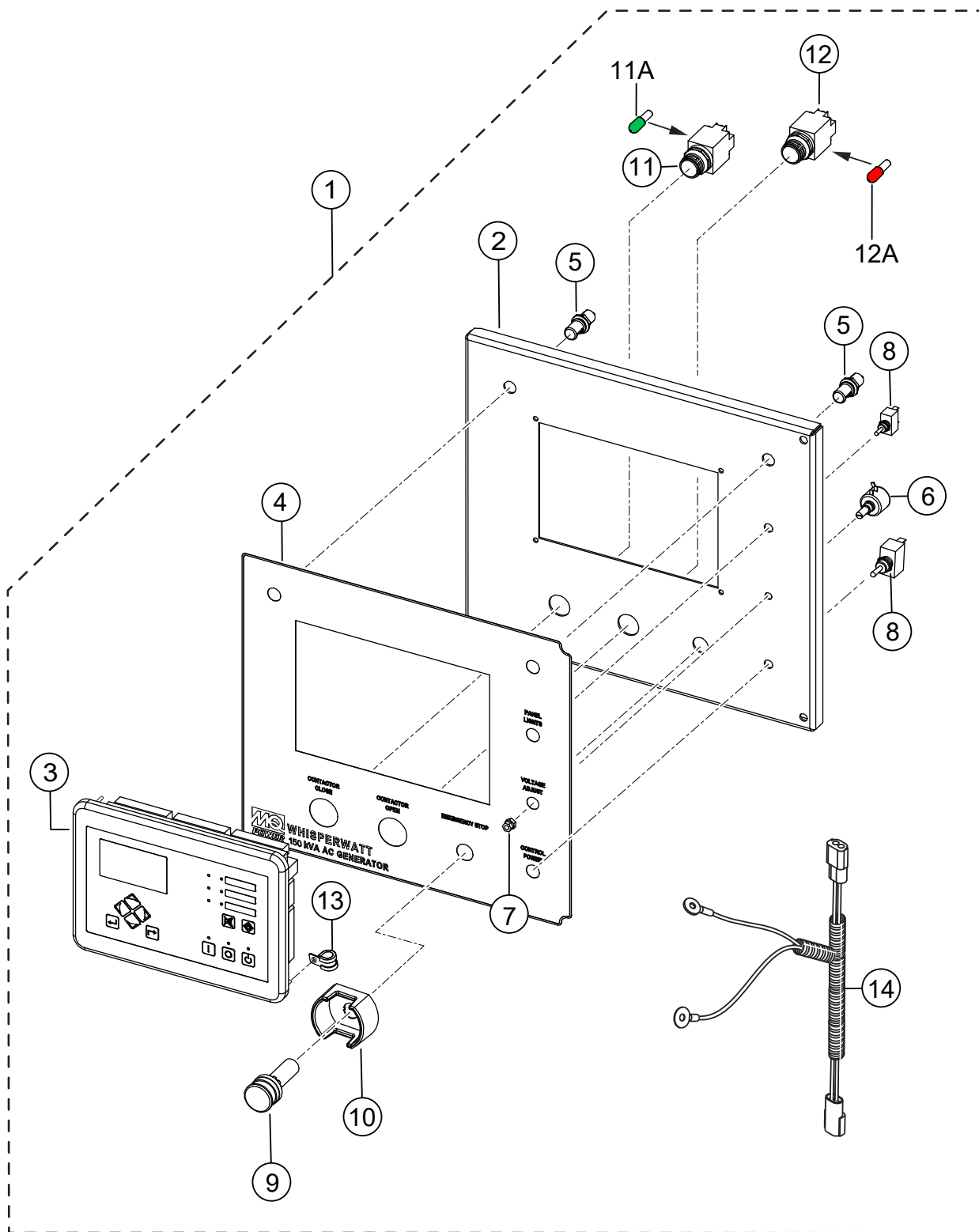
CONTROL PANEL ASSY.



CONTROL PANEL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3224001103	CONTROL PANEL	1	
2	M9220100004	SET SCREW	2	
2A	Y0080200007	E RING	2	
3	M4223001604	CONTROL PANEL, RIGHT	1.....	S/N 7601393 AND BELOW
3	M3223001904	CONTROL PANEL, RIGHT	1.....	S/N 7601394 AND ABOVE
4	0016908040	HEX. HEAD BOLT	4	
5	0601840073	VOLTAGE REGULATOR, 1K Ω	1	
6	0601840100	KNOB, 25 N	1.....	REPLACES P/N 0601840121
7	0601801040	CHANGE-OVER SWITCH, AMMETER	1	
8	0601801041	CHANGE-OVER SWITCH, VOLTMETER	1	
9	Y0602203073A	ECU CONTROLLER, (NON UL)	1.....	S/N 7601357 AND BELOW
9	Y0602203078	ECU CONTROLLER, (UL)	1.....	S/N 7601358 AND ABOVE
10	Y0602120568	GAUGE UNIT ASSY. (NON UL)	1.....	S/N 7601357 AND BELOW
10	Y0602120903	GAUGE UNIT ASSY. (UL)	1.....	S/N 7601358 AND ABOVE
11	Y0206707000	HEX. NUT	8	
11A	Y0044807000	WASHER, LOCK	8	
12	Y0601810170	PANEL LIGHT, 12V	1	
13	0027104020	MACHINE SCREW	2	
13A	OEMAA8	HEX. NUT	2.....	REPLACES P/N 0207004000
14	0601830710	SWITCH, PANEL LIGHT	1	
15	0601831205	PUSH BUTTON, RED	1	
16	82608	SWITCH, TOGGLE	1.....	REPLACES P/N 0601831340
17	0601807641	FREQUENCY METER, 45~65HZ 240V	1	
18	0601808989	AC AMMETER, 0~300A/600A:5A	1	
19	0601806859	AC VOLTMETER, 0~600V	1	
20	0601830710	ENGINE SPEED SWITCH	1	
21	0602103092	LAMP ALARM, 18V RED	1.....	INCLUDES ITEMS W/\$ S/N 7601281 AND BELOW
21	0601814453	LED LAMP	1.....	S/N 7601282 AND ABOVE
21A\$	0601810277	BULB, 18V	1.....	S/N 7601281 AND BELOW
22	0605011211	PIN	2	
23	0601831557	EMERGENCY STOP BUTTON	1.....	S/N 7601332 AND BELOW
24	M3247702604	WIRE HARNESS, GENERATOR	1	
25	M3358201602	WIRE HARNESS, ENGINE	1	

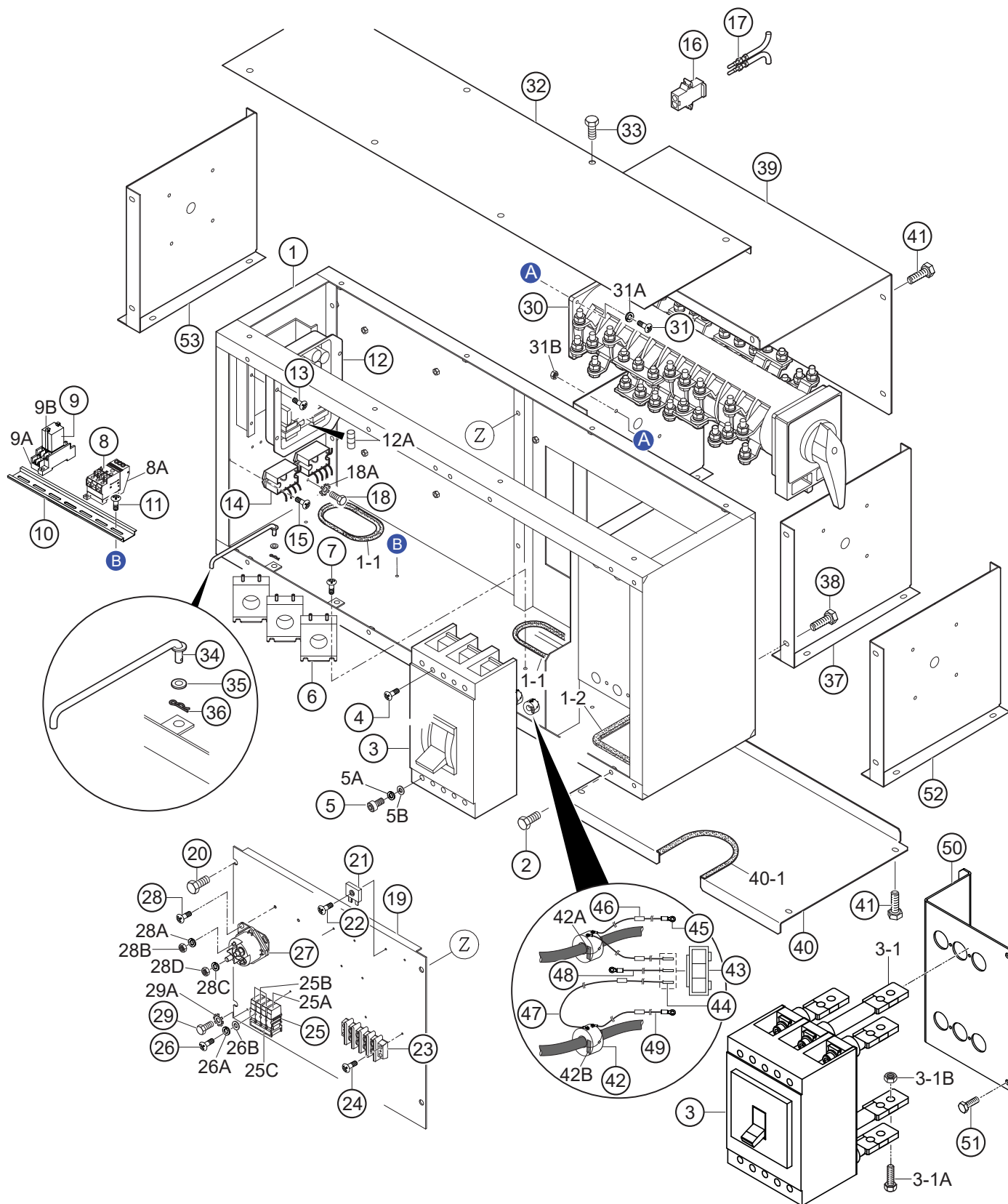
CONTROL PANEL ASSY. (BASLER DGC2020HD OPTION)



CONTROL PANEL ASSY. (BASLER DGC2020HD OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EE59330	PANEL ASSY., PARALLELING	1.....	INCLUDES ITEMS W/#
2#	EE59122	PANEL, PARALLELING, BASLER HD	1	
3#	EE59259	COLOR DISPLAY, CONTROLLER	1	
4#	EE59331	DECAL, PARALLELING, BASLER	1	
5#	EE55761	LIGHT, PANEL, 12-36 VDC	2	
6#	EE2115	POTENTIOMETER, 5KOHM +/-5% TURN	1	
7#	EE9949	NUT, SHAFT LOCK, POTENTIOMENTER	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	PUSHBUTTON, 24V GREEN	1	
11A#	EE39554	LED LAMP, 12 VAC/VDC, GREEN	1	
12#	EE23375	PUSHBUTTON, 24V RED	1	
12A#	EE5895	LED LAMP, 12 VAC/VDC, RED	1	
13#	21574	CLAMP, LOOP CUSHIONED #16 0.25 HOLE	1	
14#	EE59200	HARNESS, UNIVERSAL DGC2020HD	1	

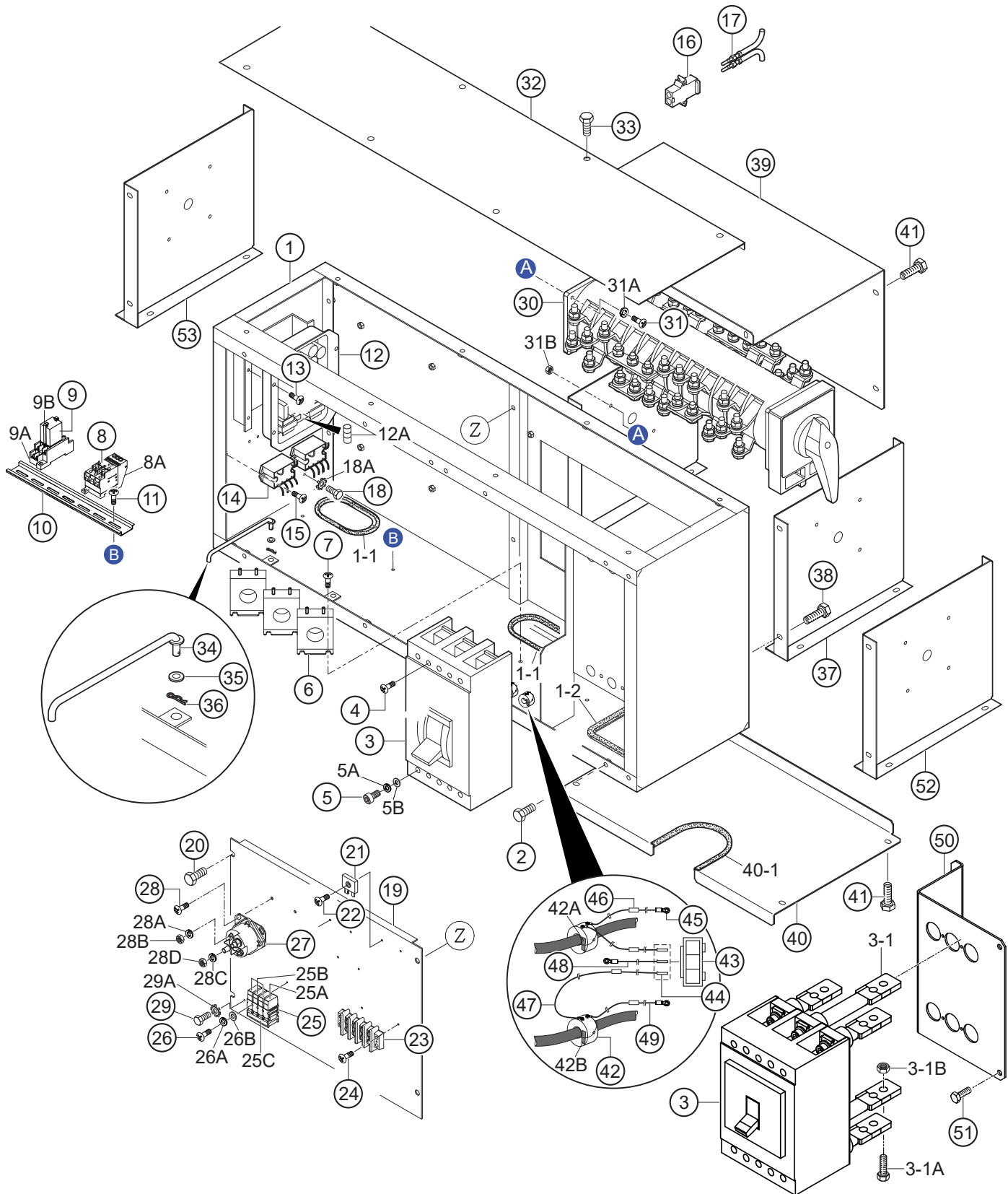
CONTROL BOX ASSY.



CONTROL BOX ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3214001102A	CONTROL BOX.....	1.....	S/N 7601393 AND BELOW
1	M3214001602	CONTROL BOX.....	1.....	S/N 7601394 AND ABOVE
1-1	Y0411100305	EDGE TRIM	2	
1-2	Y0411100500	EDGE TRIM	1	
2	011008020	HEX. HEAD BOLT 8X20	14.....	REPLACES P/N 0016908020
3	0601808821	CIRCUIT BREAKER	1.....	S/N 7601393 AND BELOW
3	Y0601807566	CIRCUIT BREAKER	1.....	S/N 7601394 AND ABOVE
3-1	Y0601827415	REAR TERMINAL BUSBAR	2.....	S/N 7601394 AND ABOVE
3-1A	014210040	HEX. HEAD BOLT.....	6.....	REPLACES P/N 0017110040 S/N 7601394 AND ABOVE
3-1B	021112140	SELF-LOCKING NUT	6.....	REPLACES P/N 0207010000 S/N 7601394 AND ABOVE
4	0021006080	MACHINE SCREW	4.....	S/N 7601393 AND BELOW
5	0342604120	HEX. SOCKET HEAD CAP SCREW	6.....	S/N 7601393 AND BELOW
5A	0166 A	WASHER, LOCK.....	6.....	REPLACES P/N 0043604000 S/N 7601393 AND BELOW
5B	Y0041210000	WASHER, FLAT	6.....	S/N 7601393 AND BELOW
6	Y0601809692	CURRENT TRANSFORMER	3	
7	011206020	MACHINE SCREW 6MMX20MM.....	6.....	REPLACES P/N 0027106020
8	Y0601820839	OVER-CURRENT RELAY, T16-3.1	1	
8A	Y0601820844	OVER-CURRENT RELAY BASE, DB16	1	
9	LY2DUS12VDC	RELAY, LY-2D DC12V.....	1.....	REPLACES P/N 0601827656
9A	PTF08A	RELAY BASE, PTF08A-E	1.....	REPLACES P/N 0601823109
9B	PYCA1	RELAY CLIP, PYC-A1	2.....	REPLACES P/N 0601824400
10	Y0290000245	MOUNTING RAIL	1	
11	0027104015	MACHINE SCREW	2	
12	0601820608	AUTOMATIC VOLTAGE REGULATOR.....	1.....	INCLUDES ITEMS W/#
12A#	0601806683	FUSE	1	
13	0027105015	MACHINE SCREW	4	
14	0601823863	RELAY UNIT	2	
15	0027104015	MACHINE SCREW	4	
16	0601812626	PLUG	2	
17	0601812711	PINS	4	
18	Y0016908015	HEX. HEAD BOLT	1	
18A	0040508000	TOOTHED WASHER	1	
19	M3261500304	SET PANEL	1	
20	011008020	HEX. HEAD BOLT 8X20	14.....	REPLACES P/N 0016908020
21	0601821370	RECTIFIER.....	1.....	REPLACES P/N 0601823240
22	0027104020	MACHINE SCREW	1	
23	Y0601816539	TERMINAL BLOCK, 601-GP-02	1.....	S/N 7601357 AND BELOW REPLACES P/N 0601815194
23	0601815870	TERMINAL BLOCK, KT-20-2P.....	1.....	S/N 7601358 AND ABOVE
24	0027104020	MACHINE SCREW	2	

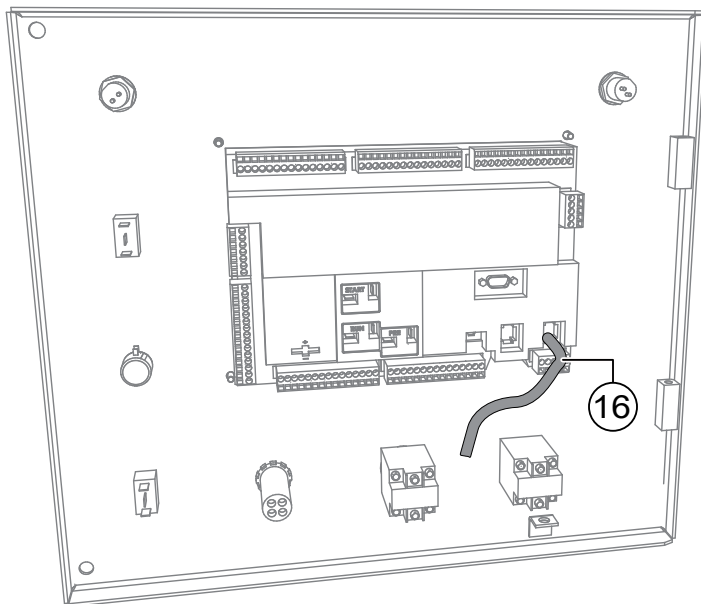
CONTROL BOX ASSY. (CONT'D.)



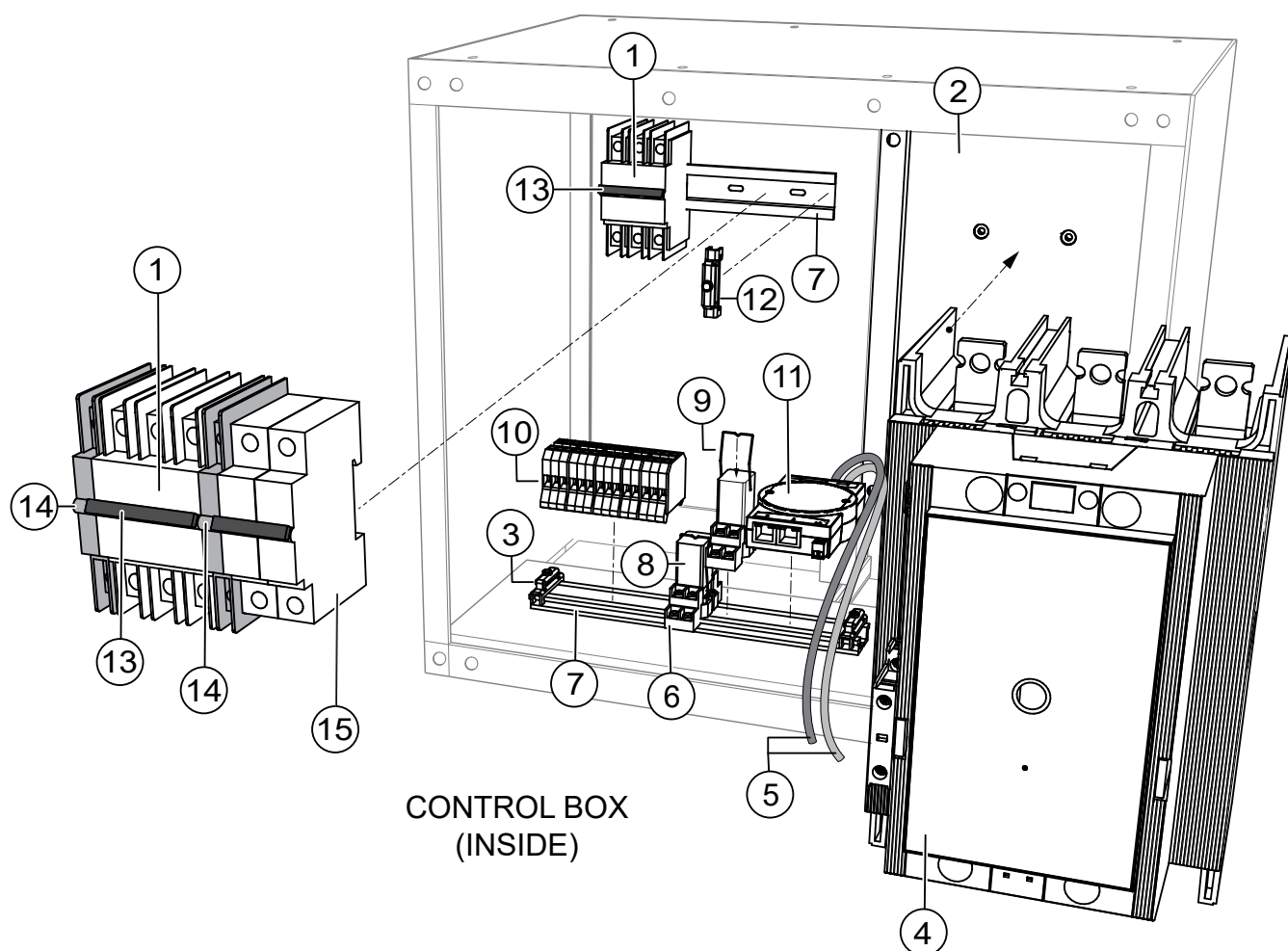
CONTROL BOX ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
25	M3214601504	FUSE BOX ASSY.	1	
25A	0601806643	FUSE, 15A	1	
25B	0601806647	FUSE, 25A	3	
25C	M9501400904	DECAL: FUSE HOLDER	1	
26	Y0021003035	MACHINE SCREW	2	
26A	0040003000	WASHER, LOCK	2	
26B	Y0042103000	WASHER, FLAT	2	
27	Y0602201458	STARTER RELAY, RE164448	1	
28	011808015	BOLT, 8X15 H, SW, PW	2	
28A	0044808000	WASHER, LOCK	2	
28B	Y0206508000	HEX. NUT	2	
28C	0043003000	WASHER, LOCK	2	
28D	Y0206803000	HEX. NUT	2	
29	0016906015	HEX. HEAD BOLT	1	
29A	0040506000	TOOTHED WASHER	1	
30	M3270100304	SELECTOR SWITCH	1	
31	0021005020	MACHINE SCREW	4	
31A	0032005000	WASHER, LOCK.....	4	REPLACES P/N 0040005000
31B	0030005000	HEX. NUT	4	REPLACES P/N 0207005000
32	M4213500104	COVER, CONTROL BOX	1	
33	011008020	HEX. HEAD BOLT 8X20	8	REPLACES P/N 0016908020
34	M4213600104	STOPPER	1	
35	952404470	WASHER, FLAT	1	REPLACES P/N 0041206000
36	505015300	SNAP PIN	1	REPLACES P/N 0605010502
37	M3213602904A	CHANGE-OVER SWITCH BRACKET	2	S/N 7601393 AND BELOW
38	0016906015	HEX. HEAD BOLT	4	
39	M3214600404	CHANGE-OVER SWITCH COVER A	1	S/N 7601393 AND BELOW
39	M3214602704	CHANGE-OVER SWITCH COVER A	1	S/N 7601394 AND ABOVE
40	M3214600504	CHANGE-OVER SWITCH COVER B	1	S/N 7601393 AND BELOW
40	M3214602504	CHANGE-OVER SWITCH COVER B	1	S/N 7601394 AND ABOVE
40-1	Y0317700265	WEATHER STRIP	1	
41	0016906015	HEX. HEAD BOLT	10	
42	Y0601872911	CURRENT TRANSFORMER	2	
42A	M9521001604	DECAL: CT4	1	
42B	M9521001704	DECAL: CT5	1	
43	Y0601813924	PLUG	1	
44	0601812711	PINS	3	
45	Y0601815587	ROUND TERMINAL	3	
46	Y0601815585	BUTT TERMINAL	4	
47	Y0450000150	HOOK UP WIRE	2	
48	Y0450300350	HOOK UP WIRE	1	
49	Y0450400300	HOOK UP WIRE	2	
50	M3214602604	BRACKET, CIRCUIT BREAKER.....	1	S/N 7601394 AND ABOVE
51	011008020	HEX. HEAD BOLT.....	4	S/N 7601394 AND ABOVE
52	M3213603804	CHANGE-OVER SWITCH BRACKET A.....	1	S/N 7601394 AND ABOVE
53	M3213603904	CHANGE-OVER SWITCH BRACKET B.....	1	S/N 7601394 AND ABOVE

CONTROL BOX ASSY. (BASLER DGC2020HD OPTION)



BASLER CONTROL PANEL
(REAR)

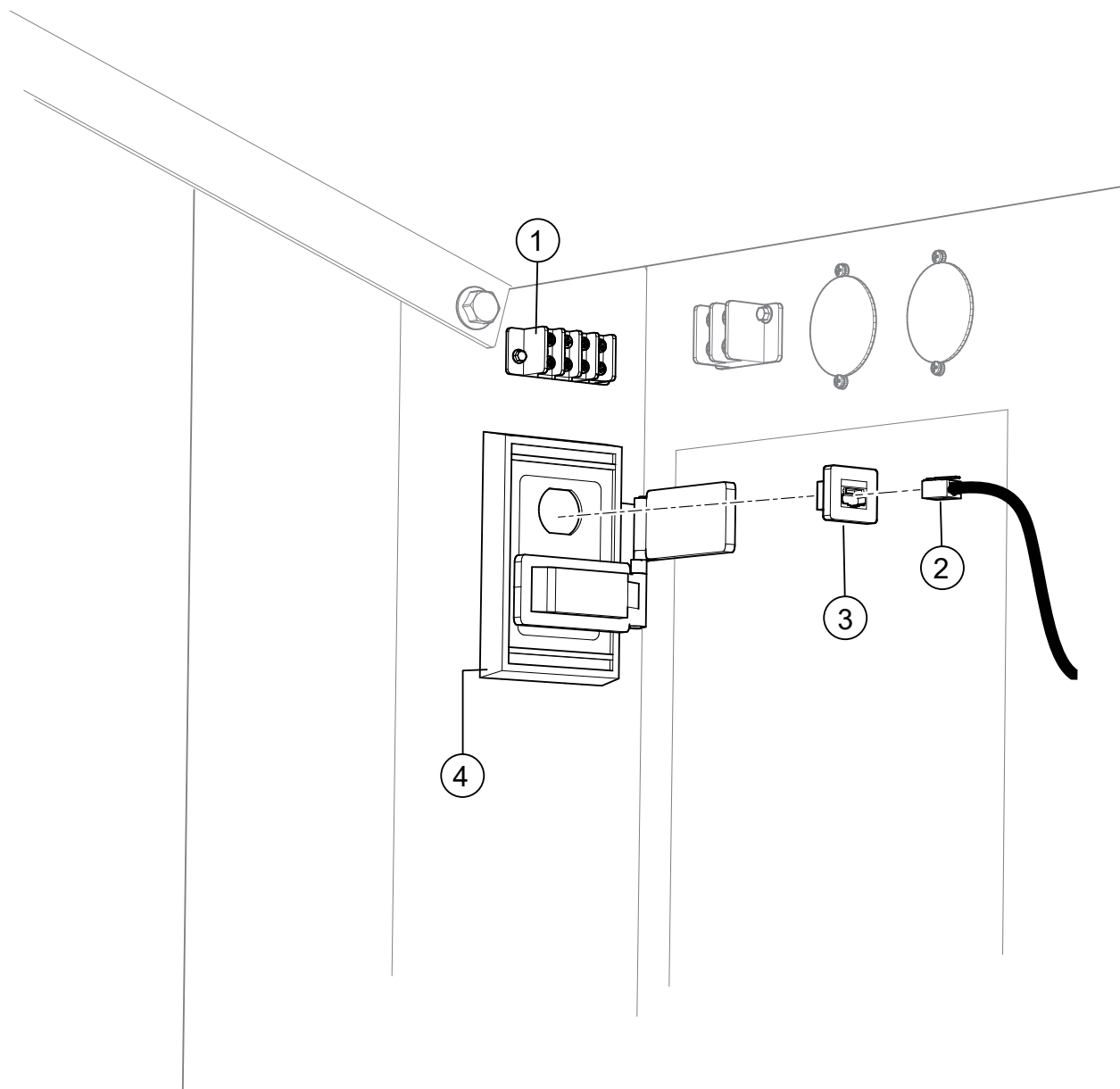


CONTROL BOX
(INSIDE)

CONTROL BOX ASSY. (BASLER DGC2020HD OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EE55784	CIRCUIT BREAKER (ABB), 3P, 10A, 480V	2	
2	EE58226	BRACKET, CONTACTOR	1	
3	EE26107	END PLATE, TERMINAL	1	
4	EE58063	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	
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	

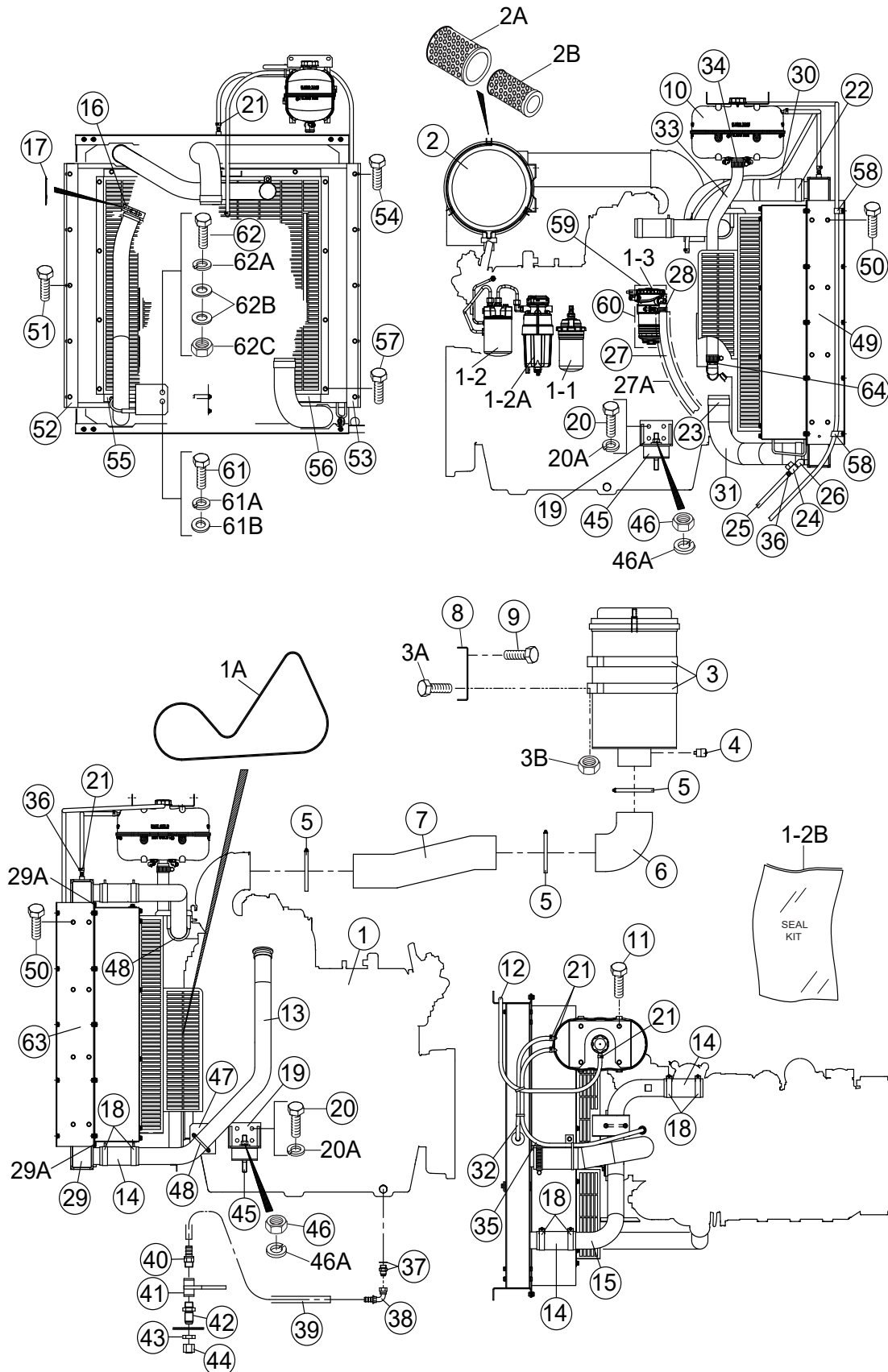
ETHERNET CABLE ASSY. (BASLER OPTION)



ETHERNET CABLE ASSY. (BASLER OPTION)

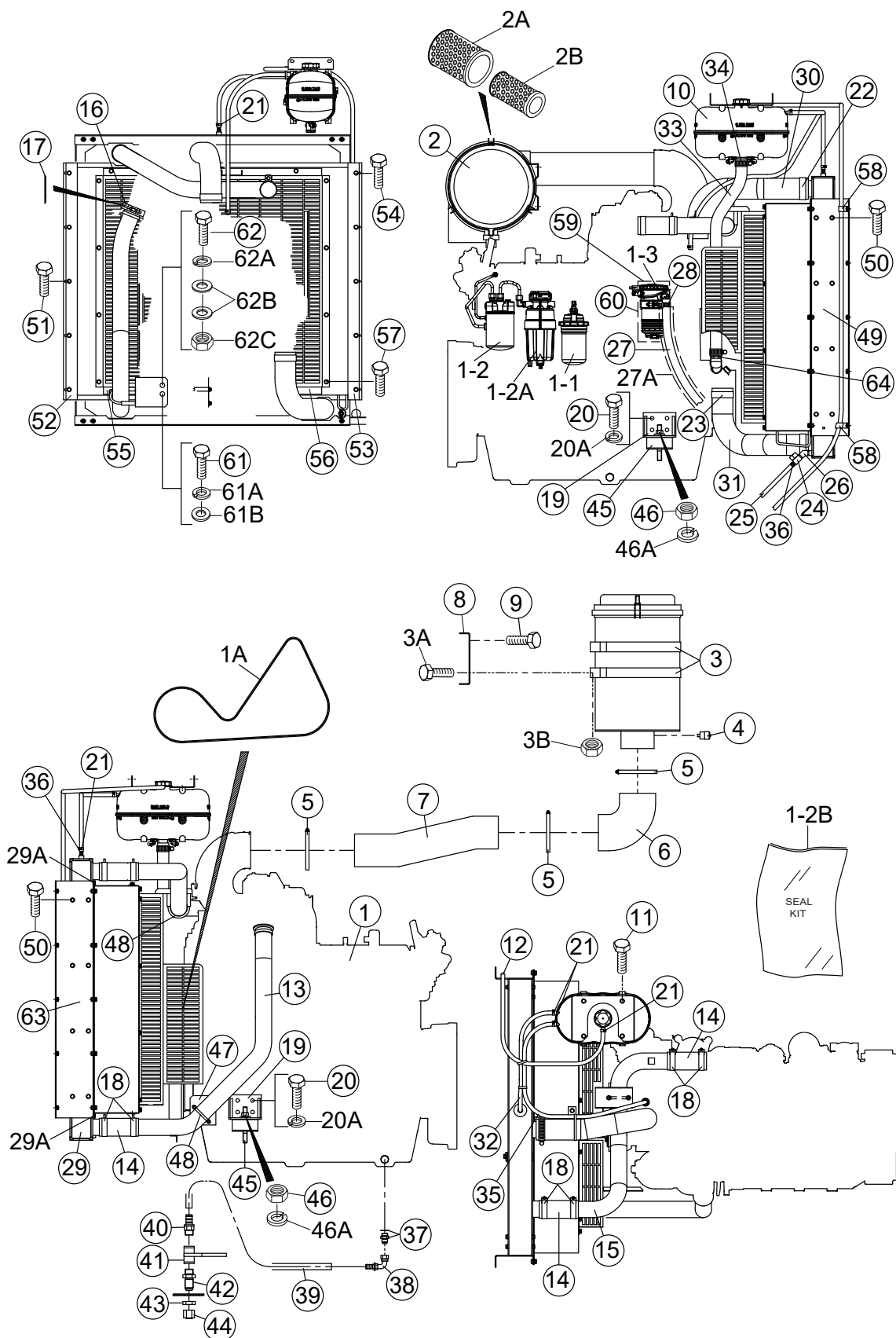
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EE59027	TERMINAL BLOCK, 4-POS.	1	
2	EE55780	CABLE, ETHERNET CAT5E SHIELDED.....	1.....	50 FT
3	EE61219	JACK, ETHERNET RECEPTACLE, RJ45	2	
4	EE58796	COVER, NONMETALLIC, WEATHERPROOF	1	

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 M3924200174
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	0602046586	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	M3311400203	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	Y0602012954	RADIATOR AND INTER-COOLER	1	
29A	M3494117604	ACOUSTIC SHEET	2	
30	M3311500503	RADIATOR HOSE, UPPER	1	
31	M3311500603	RADIATOR HOSE, LOWER	1	



ENGINE AND RADIATOR ASSY. (CONT'D.)

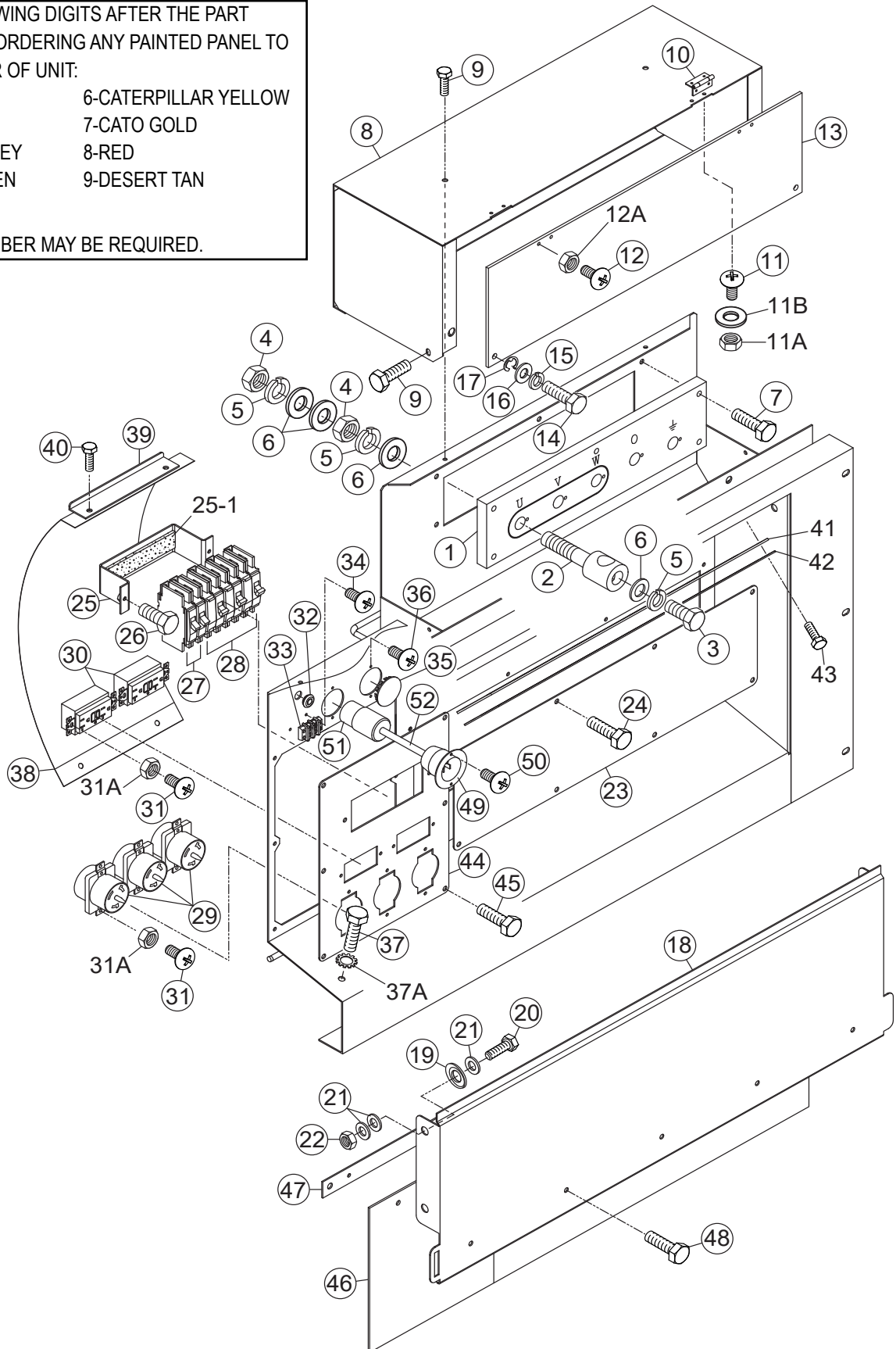
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
32	Y0199900630	VENT HOSE	1	
33	M3311501503	SURGE TANK HOSE	1	
34	0605515149	BAND, HOSE	2	
35	0199901200	DRAIN, HOSE	1	
36	Y0605512192	HOSE JOINT	2	
37	0602022580	ADAPTER W/SEAL	1	
38	0602022561	90° ELBOW	1	
39	Y0269201300	PUSH-LOCK 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	Y0605000462	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	M3311201204	RADIATOR BRACKET	1	
50	Y0016908015	HEX. HEAD BOLT	16	
51	011008020	HEX. HEAD BOLT.....	10	REPLACES P/N 0016908020
52	M3311302203	FAN SHROUD	1	
53	M3311302303	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	M3311201304	RADIATOR BRACKET	1	
64	Y0602010226	WATER PUMP JOINT	1	

OUTPUT TERMINAL ASSY.

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.

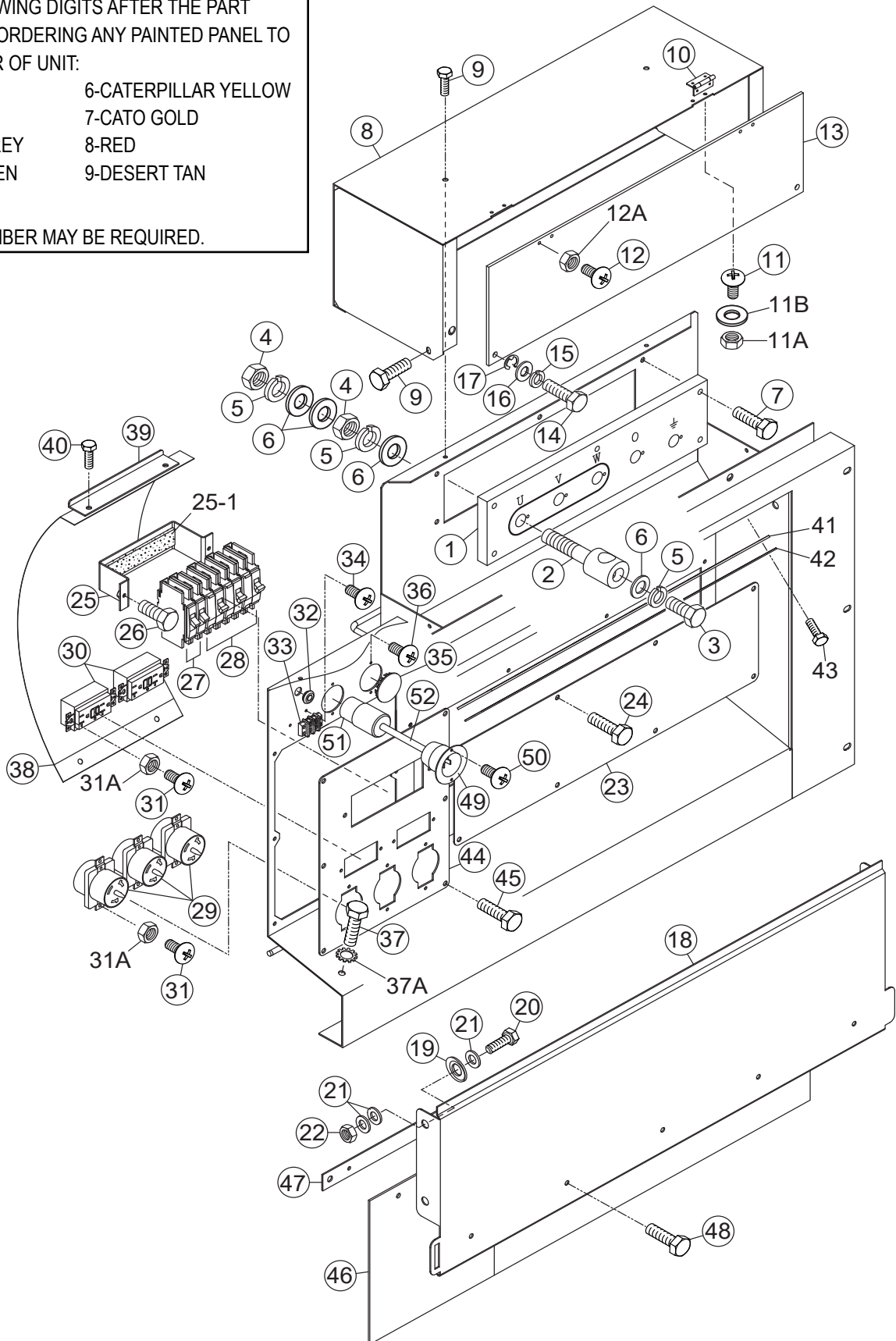
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3230700003	TERMINAL BOARD	1	
2	M9220100304	OUTPUT TERMINAL BOLT	5	
3	0801830804	TIE BOLT	5	REPLACES P/N M9220100404
4	0039316000	HEX. NUT	10	
5	0040016000	WASHER, LOCK	15	
6	0401450160	WASHER, FLAT	20	REPLACES P/N 0041416000
7	0012108035	HEX. HEAD BOLT	5	REPLACES P/N 0016908035
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	Y0601814034	RECEPTACLE, 50A	3	REPLACES P/N Y0601814014
30	Y0601814034	RECEPTACLE, 20A	2	
31	0027104015	MACHINE SCREW	10	
31A	OEMAA8	SELF-LOCKING NUT	10	REPLACES P/N 0207004000
32	0601850275	GROMMET	1	
33	0601815194	TERMINAL BLOCK	1	
34	0027104015	MACHINE SCREW	2	
35	0603306775	BLIND PLUG	1	
36	0027104015	MACHINE SCREW	2	
37	0019208020	HEX HEAD BOLT	1	
37A	0040508000	TOOTHED WASHER	1	
38	M3237100404	INSULATING COVER	1	

OUTPUT TERMINAL ASSY. (CONT'D.)

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 | |

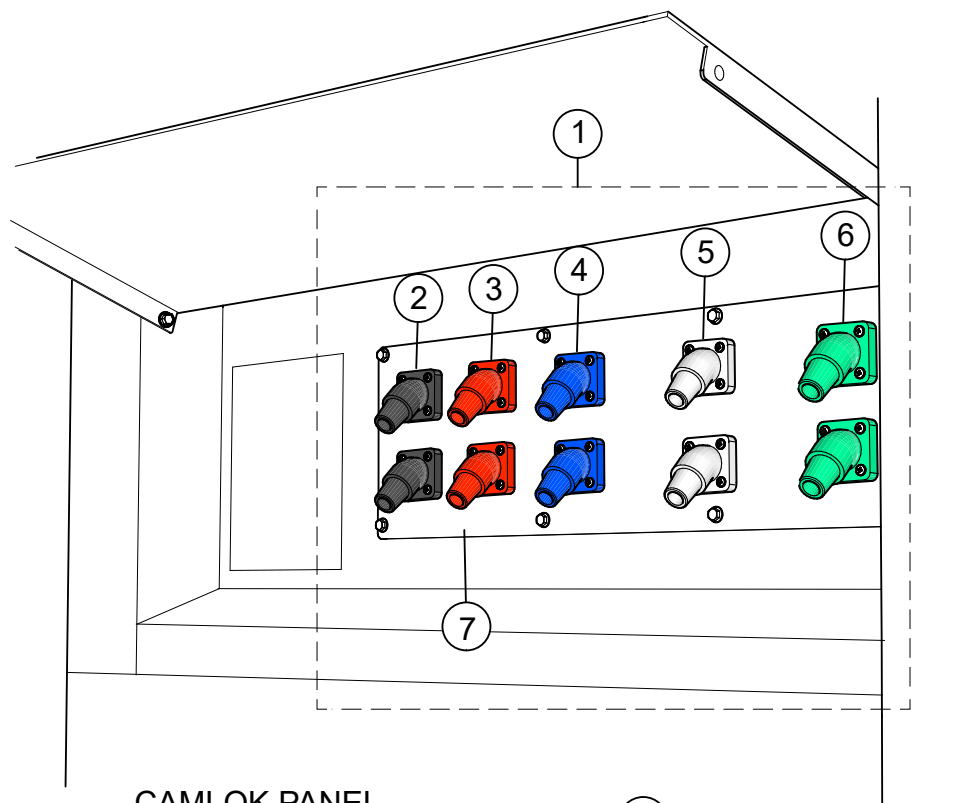
THE SERIAL NUMBER MAY BE REQUIRED.



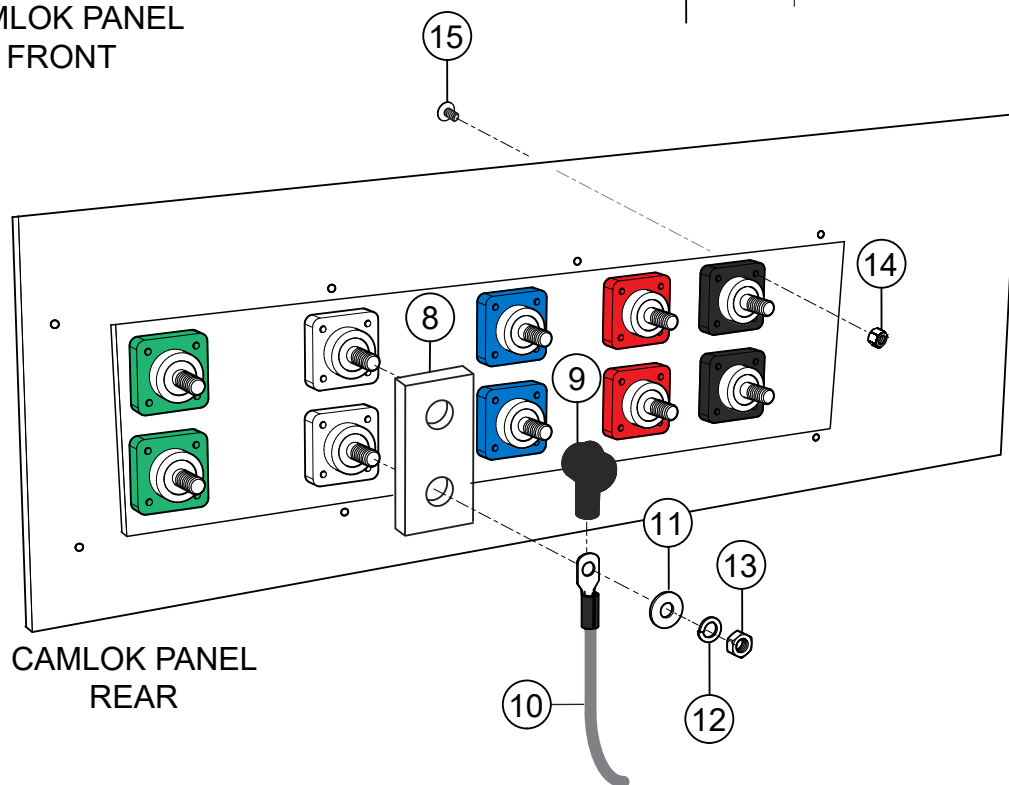
OUTPUT TERMINAL ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
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	Y0601811177	RECEPTACLE	1.....	S/N 7601332 AND BELOW
50	Y0027104015	MACHINE SCREW	2	
51	0601812527	CONNECTOR.....	1.....	S/N 7601332 AND BELOW
52	M1358200804	WATER HEATER WIRE HARNESS	1.....	S/N 7601332 AND BELOW
52	Y0601813078	WATER HEATER CABLE	1.....	S/N 7601333 AND ABOVE

CAMLOK PANEL ASSY. (OPTION)



CAMLOK PANEL
FRONT

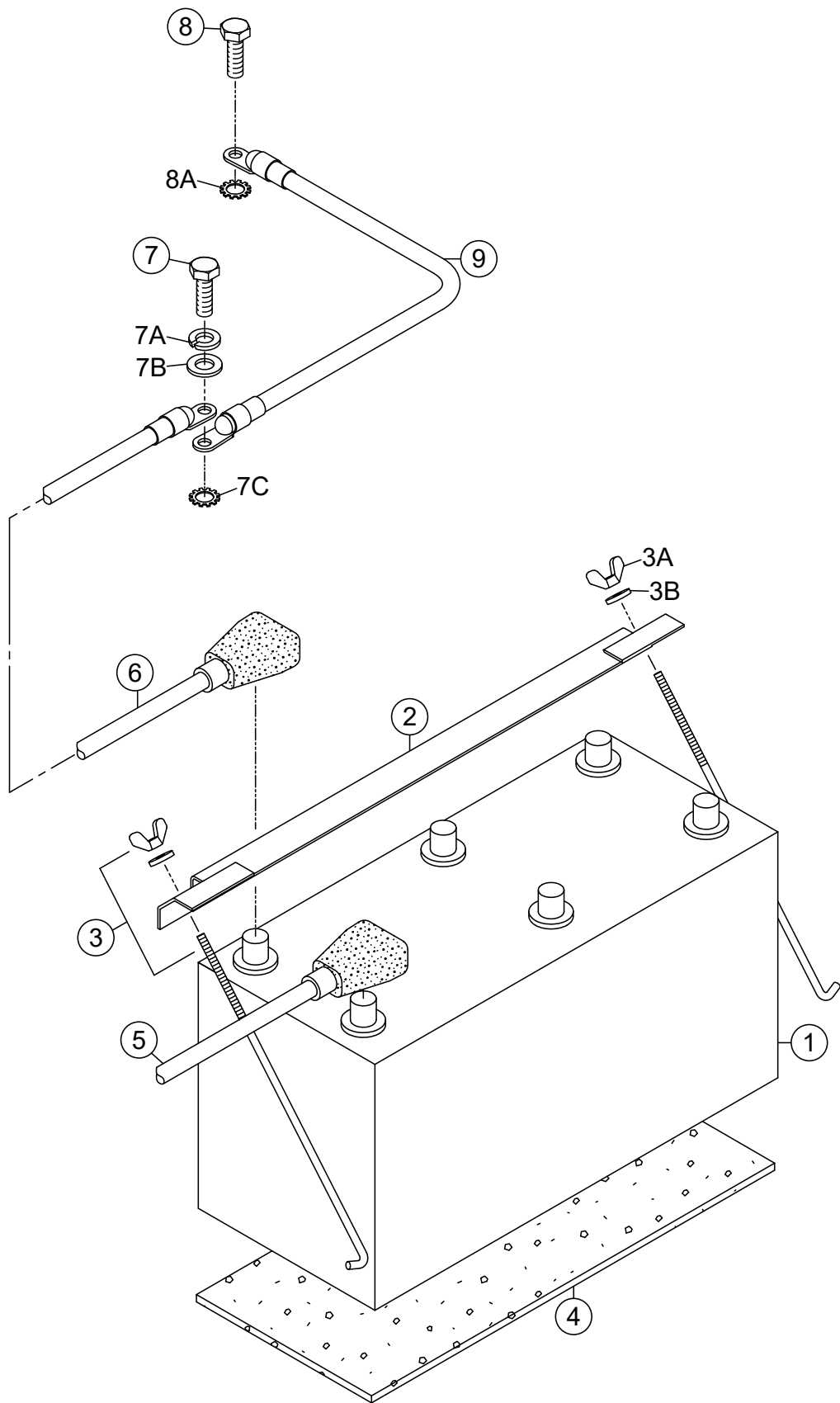


CAMLOK PANEL
REAR

CAMLOK PANEL ASSY. (OPTION)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	CAMLOK2KIT45G	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.	2	
9%	EE59031	CAP, TERM. INSUL., 2/0-4/0 AWG	8	
10%	EE61287	CAMLOK CABLE KIT	1	
11%		WASHER, FLAT 1/2"	10	
12%		WASHER, LOCK 1/2"	10	
13%		HEX. NUT 1/2"-13	10	
14%		NUT, TOOTH LOCK 10-32	40	
15%		SCREW, PAN HEAD 10-32 X 3/4"	40	

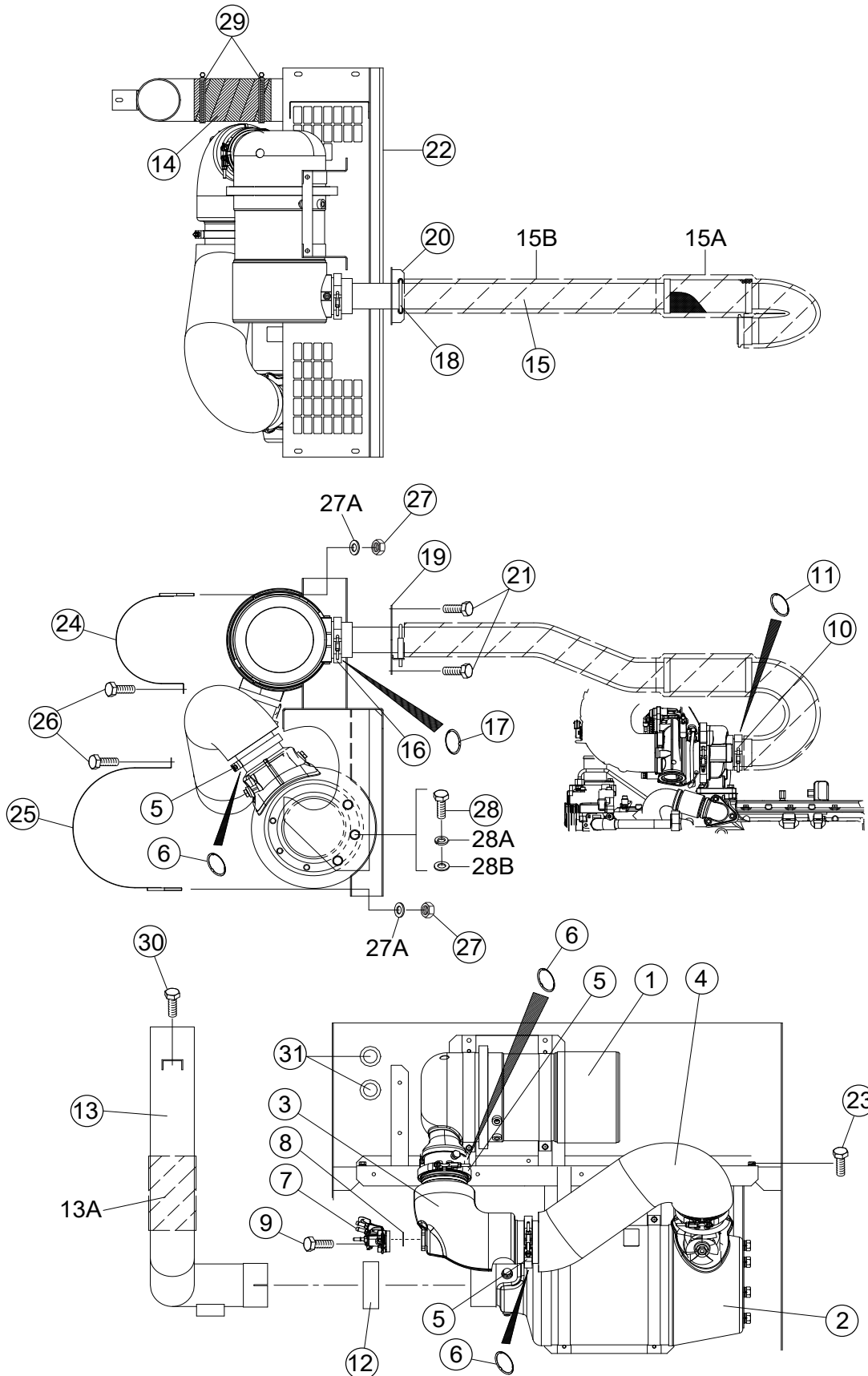
BATTERY ASSY.



BATTERY ASSY.

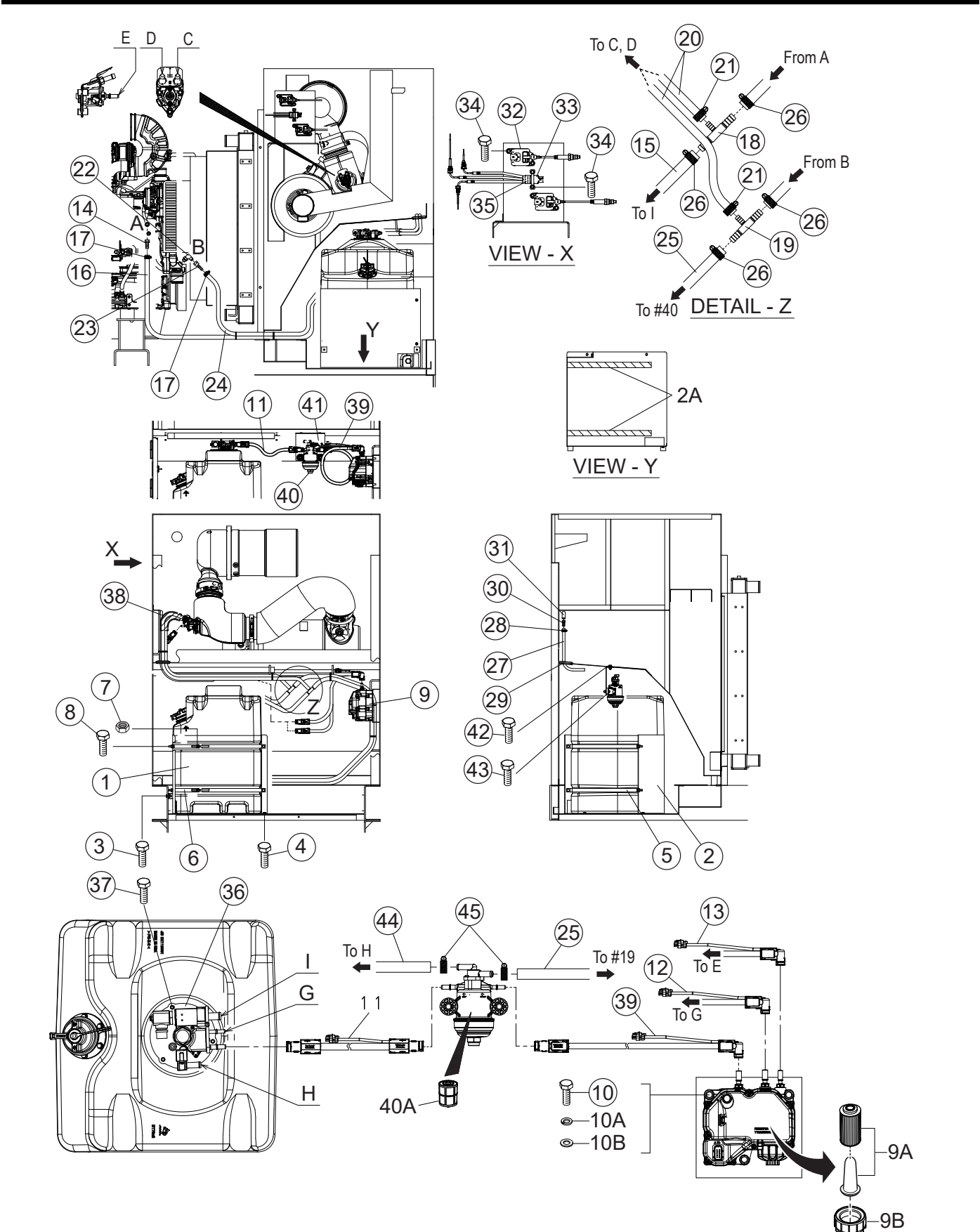
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0602220198	BATTERY 904D	1	
2	M9103000504	BATTERY BAND	1	
3	0602220921	BATTERY BOLT SET BHB-12J 1/4-L12"	2.....	INCLUDES ITEMS W/#
3A#		WING NUT	2	
3B#		WASHER, PLASTIC	2	
4	M9310500404	BATTERY SHEET	1.....	NO LONGER AVAILABLE
5	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.

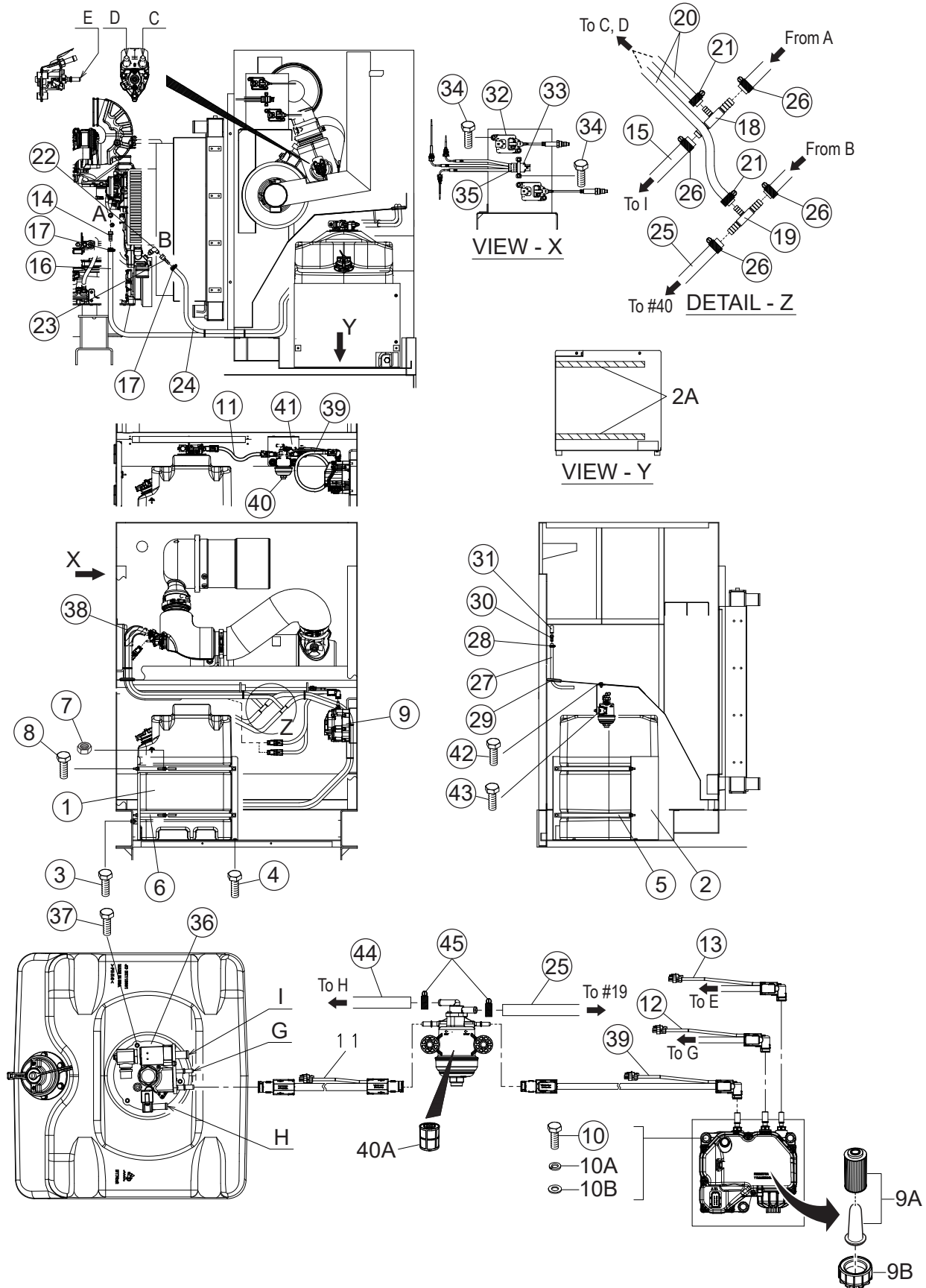
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	DZ100501	DIESEL OXIDATION CATALYST	1.....	REPLACES P/N 0602330106
2	DZ100467	SCR CATALYST.....	1.....	REPLACES P/N 0602330304
3	RE565074	DECOMPOSITION TUBE.....	1.....	REPLACES P/N 0602330403
4	RE559456	DECOMPOSITION EXTENTION TUBE	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.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
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.....	INCLUDES ITEMS W/# REPLACES P/N 0602330400
9A#	RE554498	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 7601328 AND BELOW
11	Y0602330512	DEF SUCTION LINE.....	1.....	S/N 7601329 AND ABOVE
12	RE560877	DEF BACKFLOW LINE.....	1.....	REPLACES P/N 0602330429
13	RE560897	DEF PRESSURE LINE	1.....	REPLACES P/N 0602330423
14	AT377287	HOSE BARB	1.....	REPLACES P/N 0602022975
15	Y0269300520	COOLANT HOSE	1	
16	0269303200	COOLANT HOSE	1	
17	Y0605515341	HOSE BAND	4	
18	T317541	BLACK T-FITTING W/ORIFICE	1.....	REPLACES P/N 0602022976
19	T296925	WHITE T-FITTING	1.....	REPLACES P/N 0602022977
20	0379602130	COOLANT HOSE	2	
21	0605515340	HOSE BAND	2	
22	0602022559	90° ELBOW	1	
23	0602022980	HOSE JOINT	1	
24	0379703250	COOLANT HOSE	1.....	S/N 7601328 AND BELOW
24	Y0379702680	COOLANT HOSE	1.....	S/N 7601329 AND ABOVE
25	0379700340	COOLANT HOSE	1.....	S/N 7601328 AND BELOW
25	0379700220	COOLANT HOSE	1.....	S/N 7601329 AND ABOVE
26	Y0605515341	HOSE BAND.....	6.....	S/N 7601328 AND BELOW
26	Y0605515341	HOSE BAND.....	8.....	S/N 7601329 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

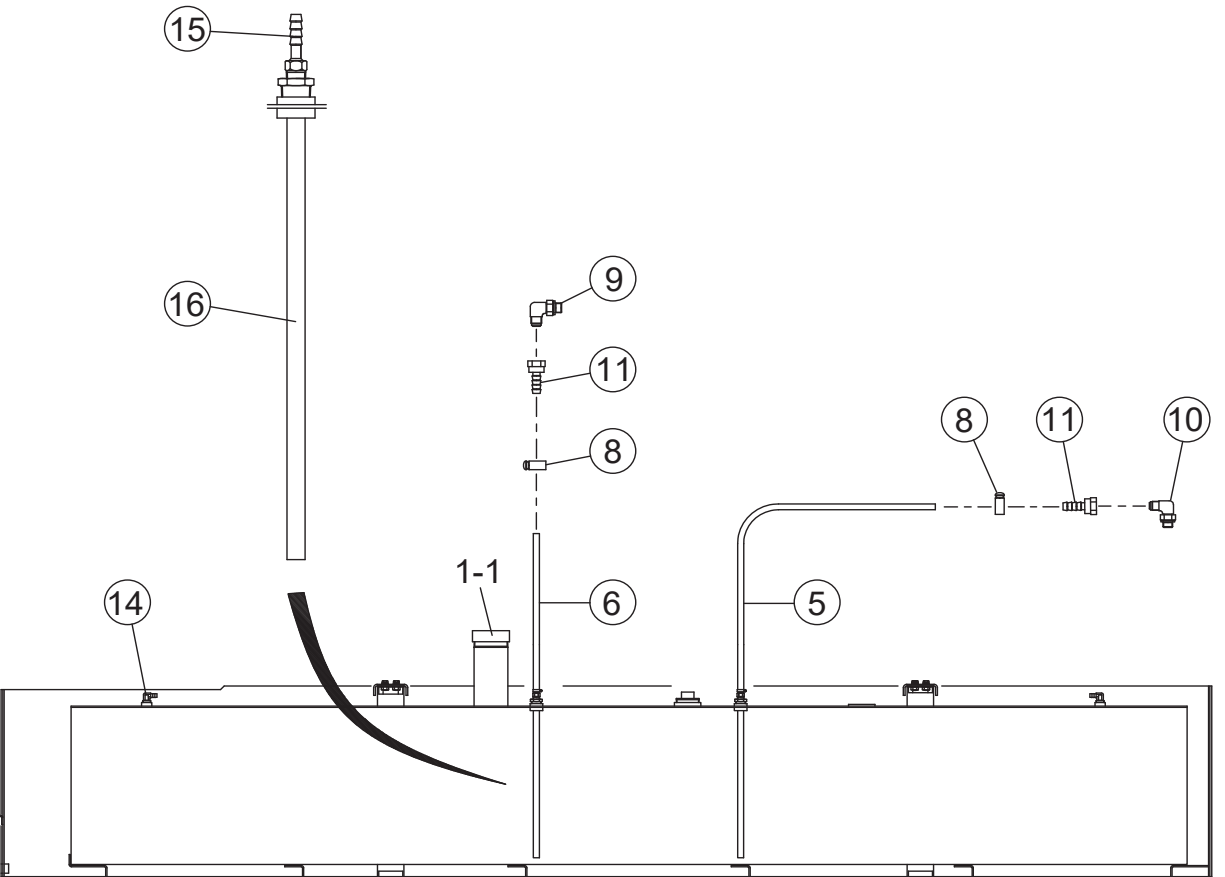
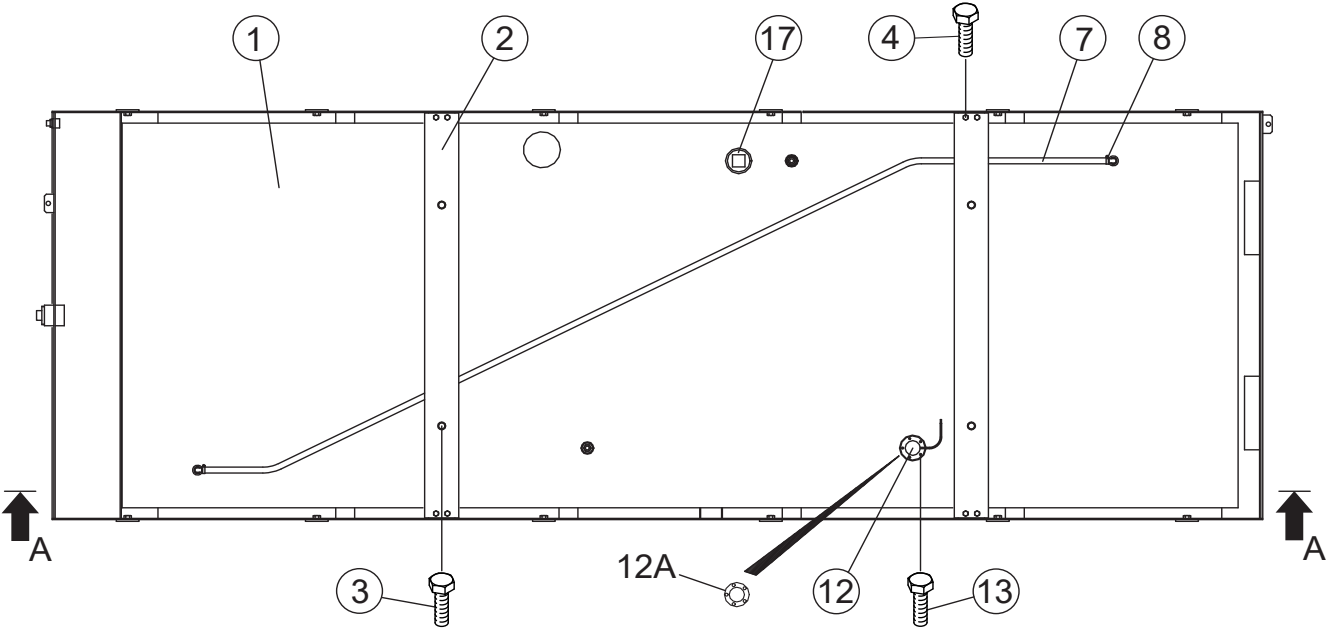
DEF TANK ASSY. (CONT'D.)



DEF TANK ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
34	0016906015	HEX HEAD BOLT	6	
35	RE542006	STRAP TEMP. SENSOR	1.....	REPLACES P/N 0602330205
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	
39	0602330513	DEF SUCTION JUMPER LINE.....	1.....	S/N 7601329 AND ABOVE
40	0602330510	DEF IN-LINE FILTER.....	1.....	S/N 7601329 AND ABOVE
40A	0602330511	DEF FILTER KIT	1.....	S/N 7601329 AND ABOVE
41	M5331402204	DEF FILTER BRACKET.....	1.....	S/N 7601329 AND ABOVE
42	011008020	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908020 S/N 7601329 AND ABOVE
43	011208030	HEX. HEAD BOLT.....	2.....	REPLACES P/N 0016908030 S/N 7601329 AND ABOVE
44	0379700485	COOLANT HOSE	1.....	S/N 7601329 AND ABOVE
45	Y0605515341	HOSE BAND.....	2.....	S/N 7601329 AND ABOVE

FUEL TANK ASSY.

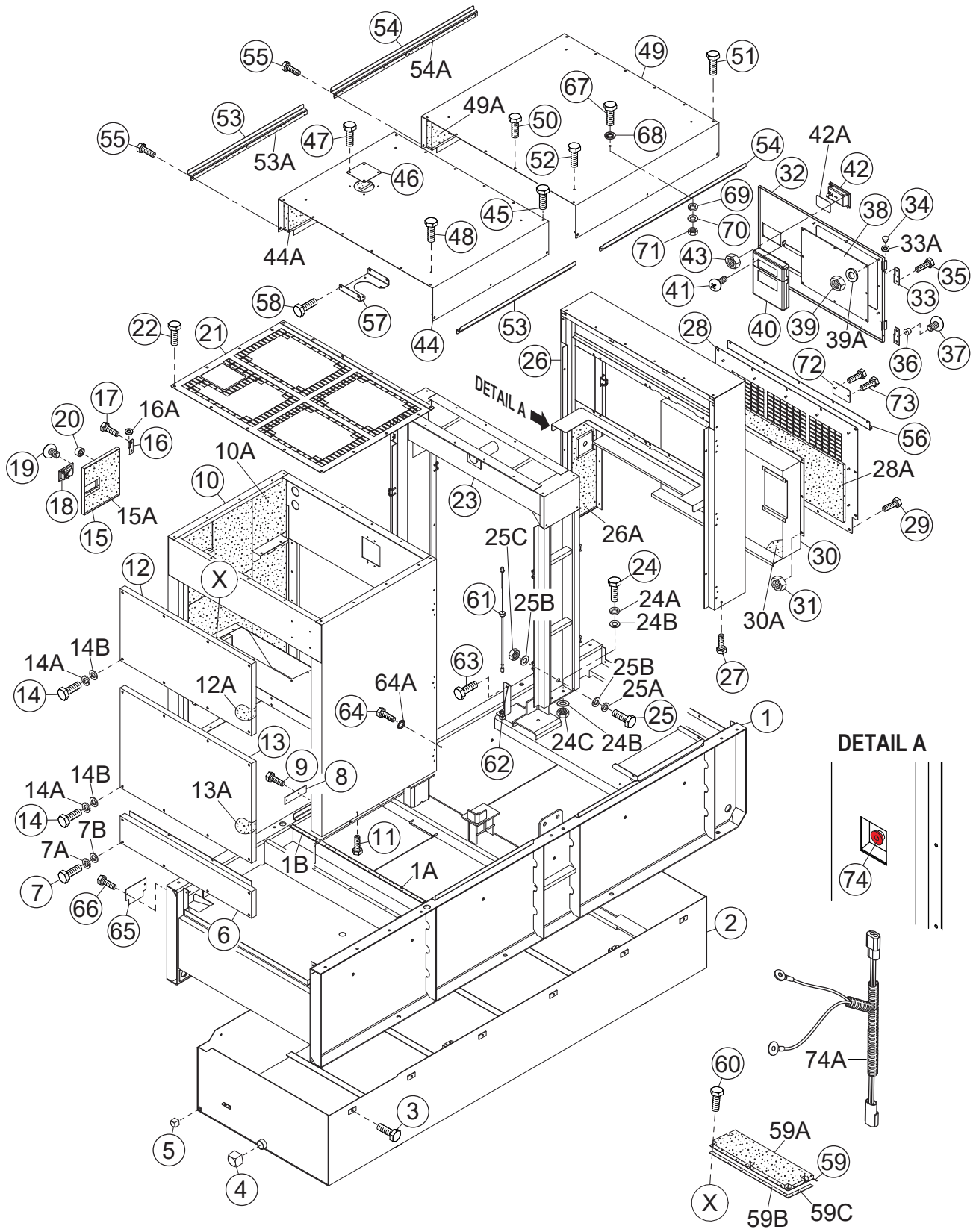


SECTION A-A

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.

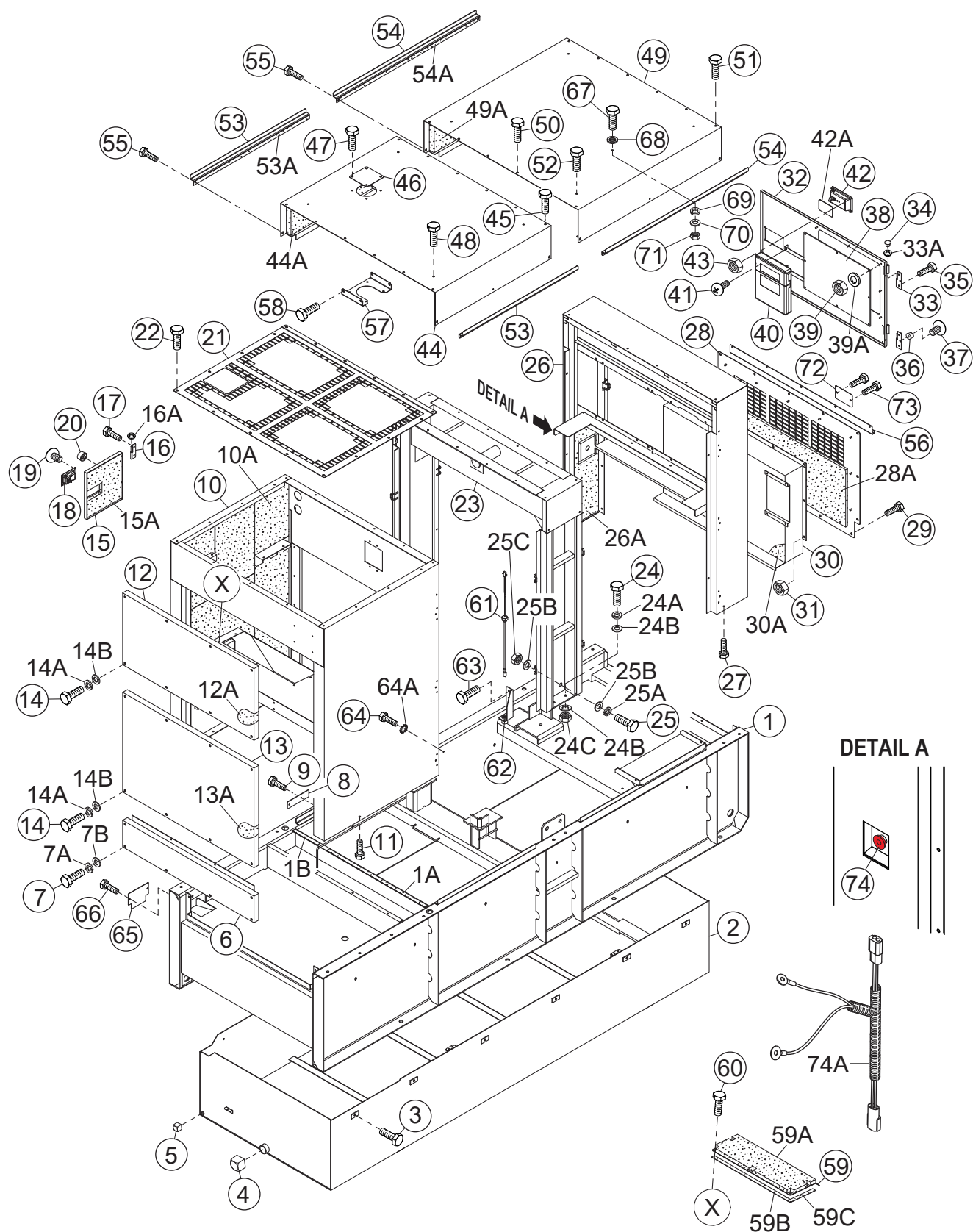
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3414001802	BASE	1	
1A	Y0229200830	SEAL, RUBBER	1	
1B	0229200210	SEAL, RUBBER	1	
2	M3364301003	ENVIRONMENTAL TANK	1	
3	0016910030	HEX. HEAD BOLT	12	
4	0603306797	PLUG, 1-1/2" SQUARE HEAD PIPE	1	
5	Y0603306793	PLUG, 1/2" SQUARE HEAD 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	S/N 7601278 AND BELOW
10	M3424001102A	FRONT FRAME	1	S/N 7601279 - 7601328
10	M3424001102B	FRONT FRAME	1	S/N 7601329 AND ABOVE
10A	M3494112003	ACOUSTIC SHEET	1	S/N 7601328 AND BELOW
10A	M3494112013	ACOUSTIC SHEET	1	S/N 7601329 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	16	
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	

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.)

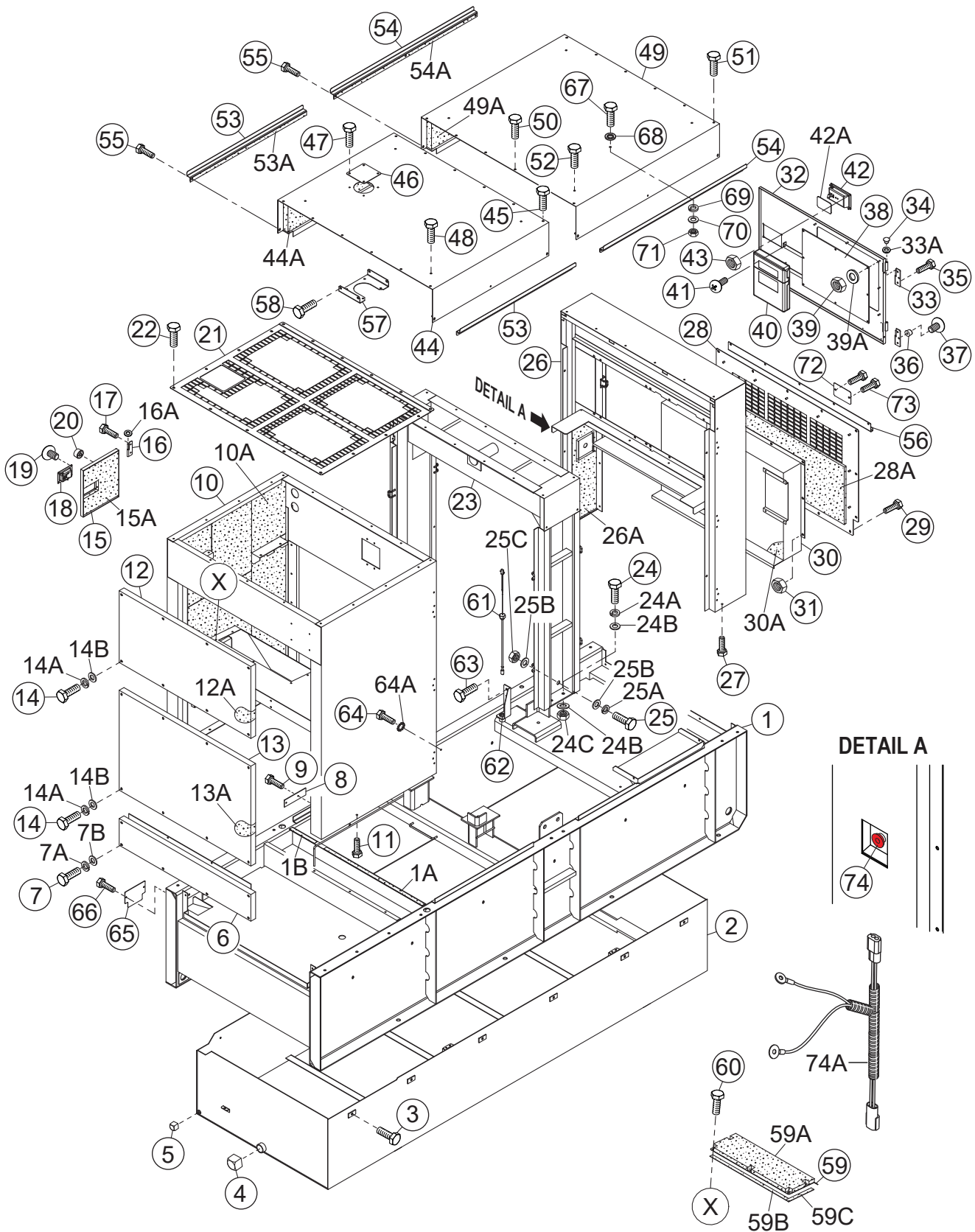
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
24	Y0013614040	HEX. HEAD BOLT	4	
24A	030214350	WASHER, LOCK.....	4	REPLACES P/N 0040014000
24B	031114260	WASHER, FLAT.....	8	REPLACES P/N 0041214000
24C	515455840	HEX. NUT.....	4	REPLACES P/N 0030014000
25	Y0013620050	HEX. HEAD BOLT	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 7601332 AND BELOW
26	M3444000712	REAR FRAME.....	1	S/N 7601333 AND ABOVE
26A	M3494302304	ACOUSTIC SHEET.....	1	S/N 7601332 AND BELOW
26A	M3494302314	ACOUSTIC SHEET.....	1	S/N 7601333 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 7601342 AND BELOW
32	M3444200903	DOOR, REAR FRAME.....	1	S/N 7601343 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 7601342 AND BELOW
41A	0176060030	SELF-LOCKING NUT.....	4	S/N 7601343 AND ABOVE
42	Y0605012318	DOOR HANDLE	1	
42A	C9312500004	SEAL, RUBBER	1	
43	Y0207006000	SELF-LOCKING NUT	4	

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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.)

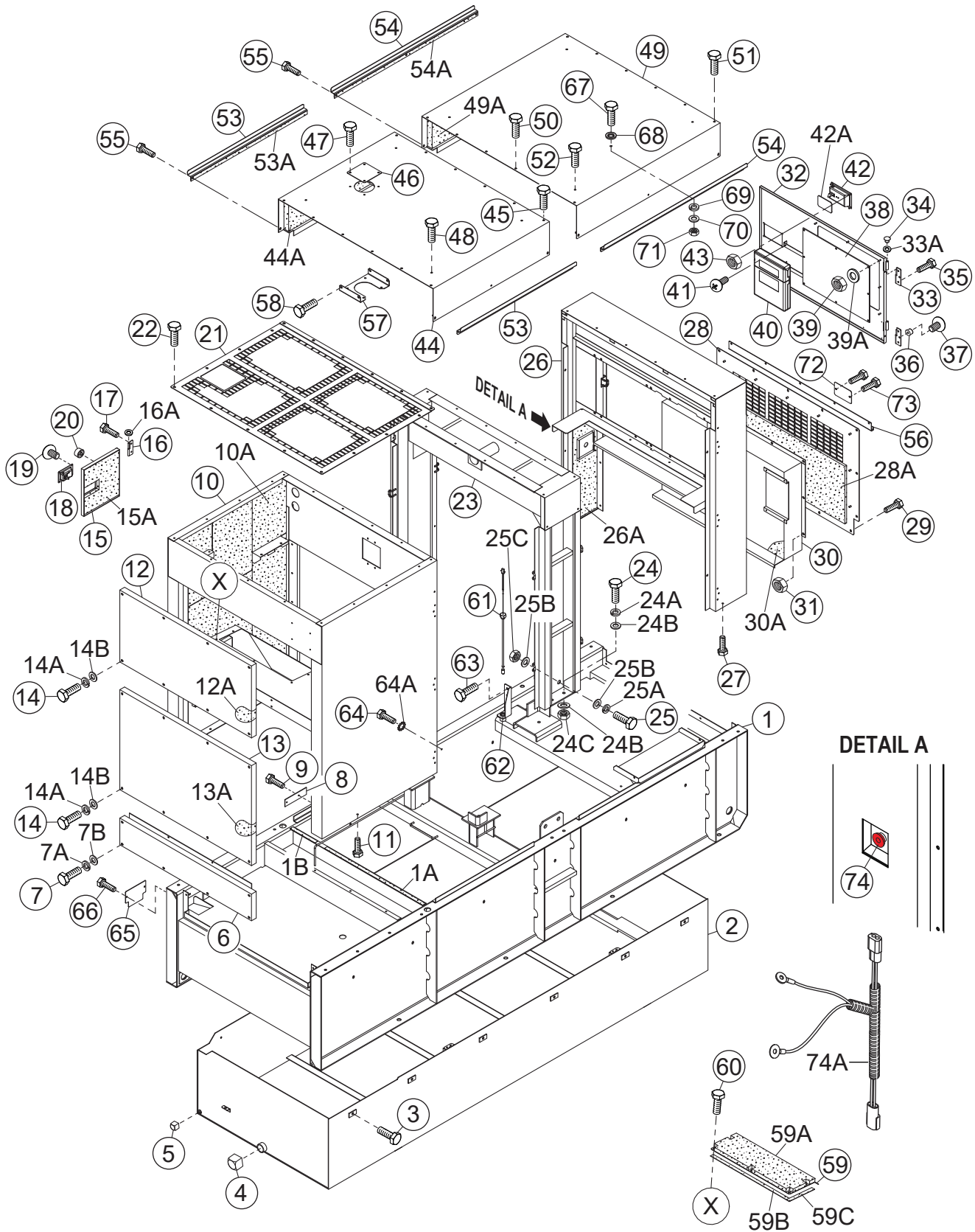
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
44	M3464100502	ROOF PANEL	1	
44A	M3494504204	ACOUSTIC SHEET	1	
45	Y0019208035	HEX. HEAD BOLT	6	
46	M3310600004	COVER, RADIATOR CAP	1	
47	0019208020	HEX. HEAD BOLT	4	
48	0019210025	HEX. HEAD BOLT	4	
49	M3464200502	ROOF PANEL	1	
49A	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	
66	Y0016906020	HEX. HEAD BOLT	2	
67	0019112030	HEX. HEAD BOLT.....	1	S/N 7601317 AND ABOVE
68	0605050040	SEALING WASHER.....	1	S/N 7601317 AND ABOVE

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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>
69	0042312000	WASHER, LOCK.....	1.....	S/N 7601317 AND ABOVE
70	0042412000	WASHER, FLAT	1.....	S/N 7601317 AND ABOVE
71	0030012000	HEX. HEAD NUT	1.....	S/N 7601317 AND ABOVE
72	M5444800104	BLIND BOARD (REAR FRAME).....	1.....	S/N 7601333 AND ABOVE
73	011206020	HEX. HEAD BOLT.....	1.....	REPLACES P/N 0016906020 S/N 7601333 AND ABOVE
74	0601831927	EMERGENCY STOP BUTTON	1.....	S/N 7601333 AND ABOVE
74A	M3358202104	WIRE HARNESS, E-STOP.....	1.....	S/N 7601333 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	

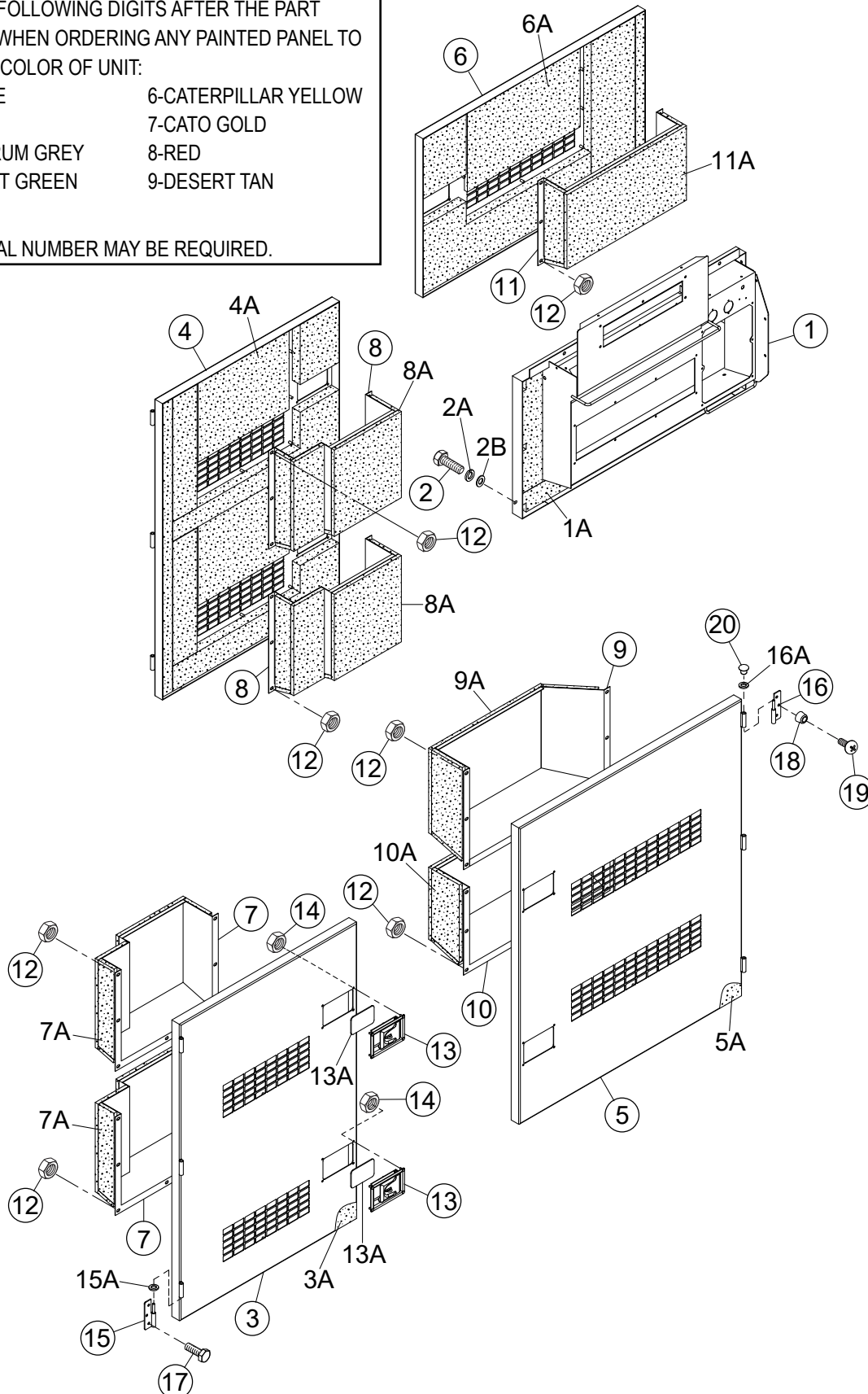
THE SERIAL NUMBER MAY BE REQUIRED.

ENCLOSURE 2 ASSY.

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 | |

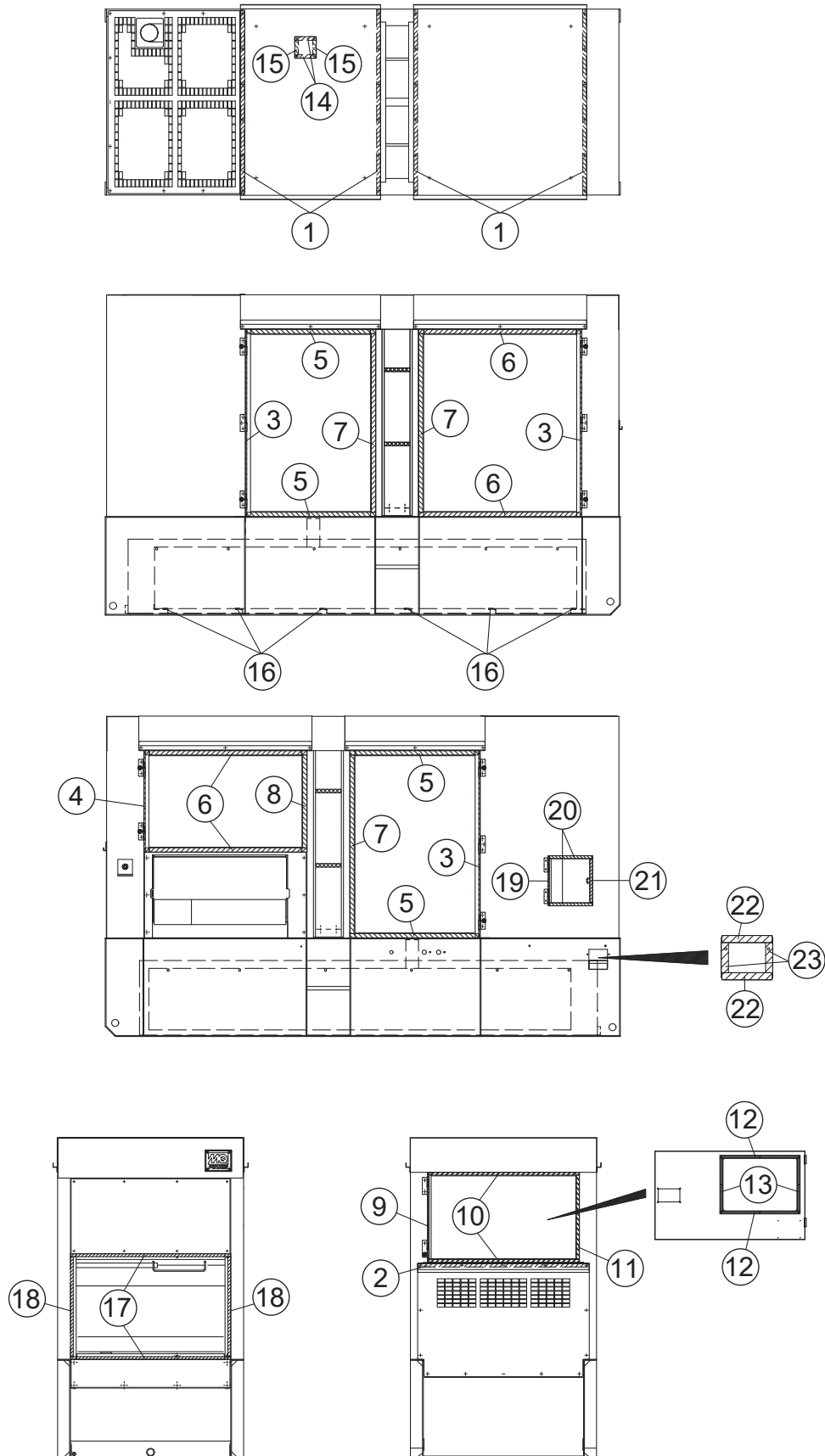
THE SERIAL NUMBER MAY BE REQUIRED.



ENCLOSURE 2 ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	M3454200802	SPLASHER PANEL	1	
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	M3454003303	SIDE DOOR	1	
3A	M3494430304	ACOUSTIC SHEET	1	
4	M3454003403	SIDE DOOR	1	
4A	M3494430404	ACOUSTIC SHEET	1	
5	M3454003503	SIDE DOOR	1	
5A	M3494430504	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	M3454302304	DUCT	1	
11A	M3494431304	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

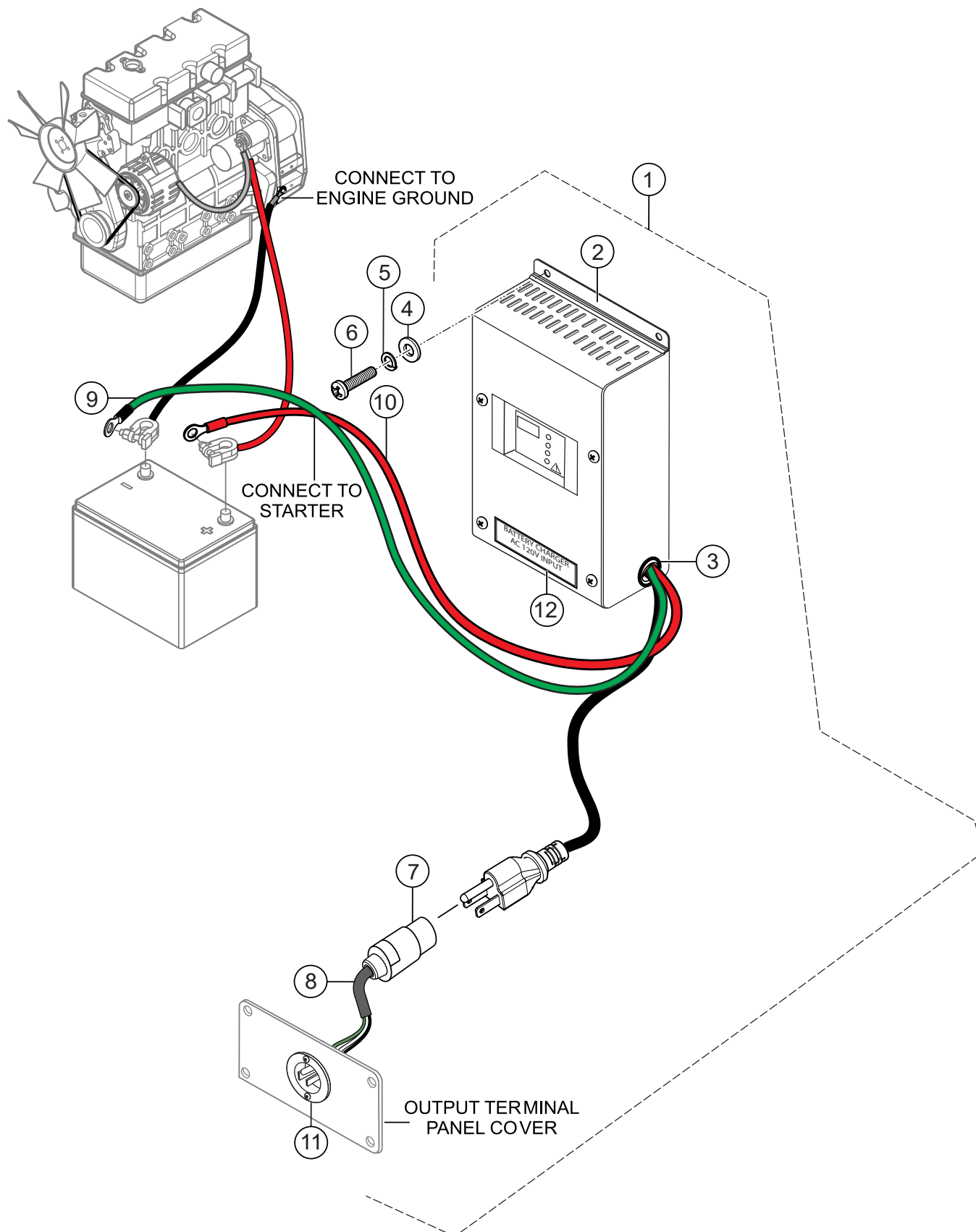
RUBBER SEALS ASSY.



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	Y0229400300	SEAL, RUBBER	2	
21	Y0229400310	SEAL, RUBBER	1	
22	Y0229200175	SEAL, RUBBER	2	
23	Y0229200105	SEAL, RUBBER	2	

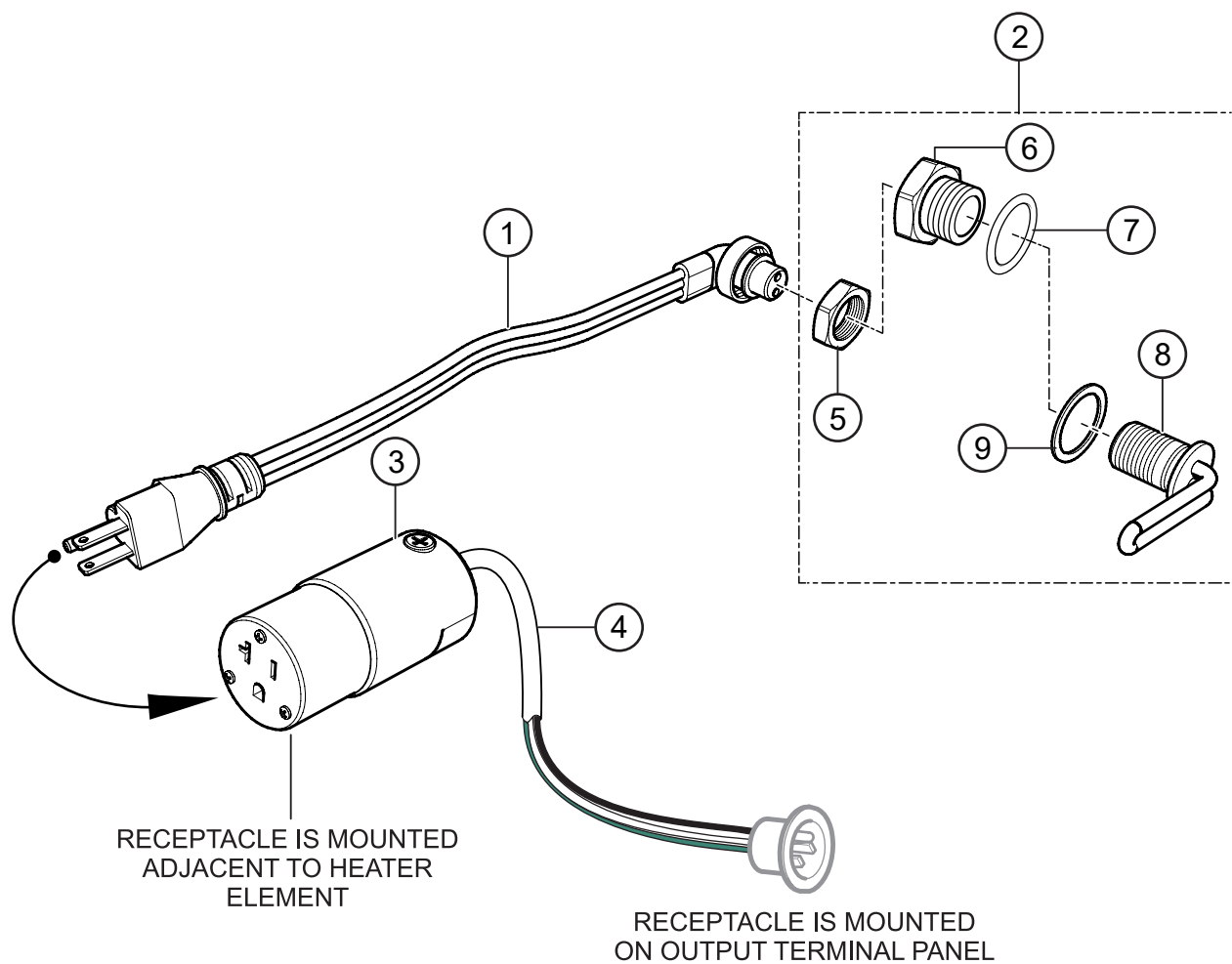
BATTERY CHARGER ASSY. (OPTION)



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	

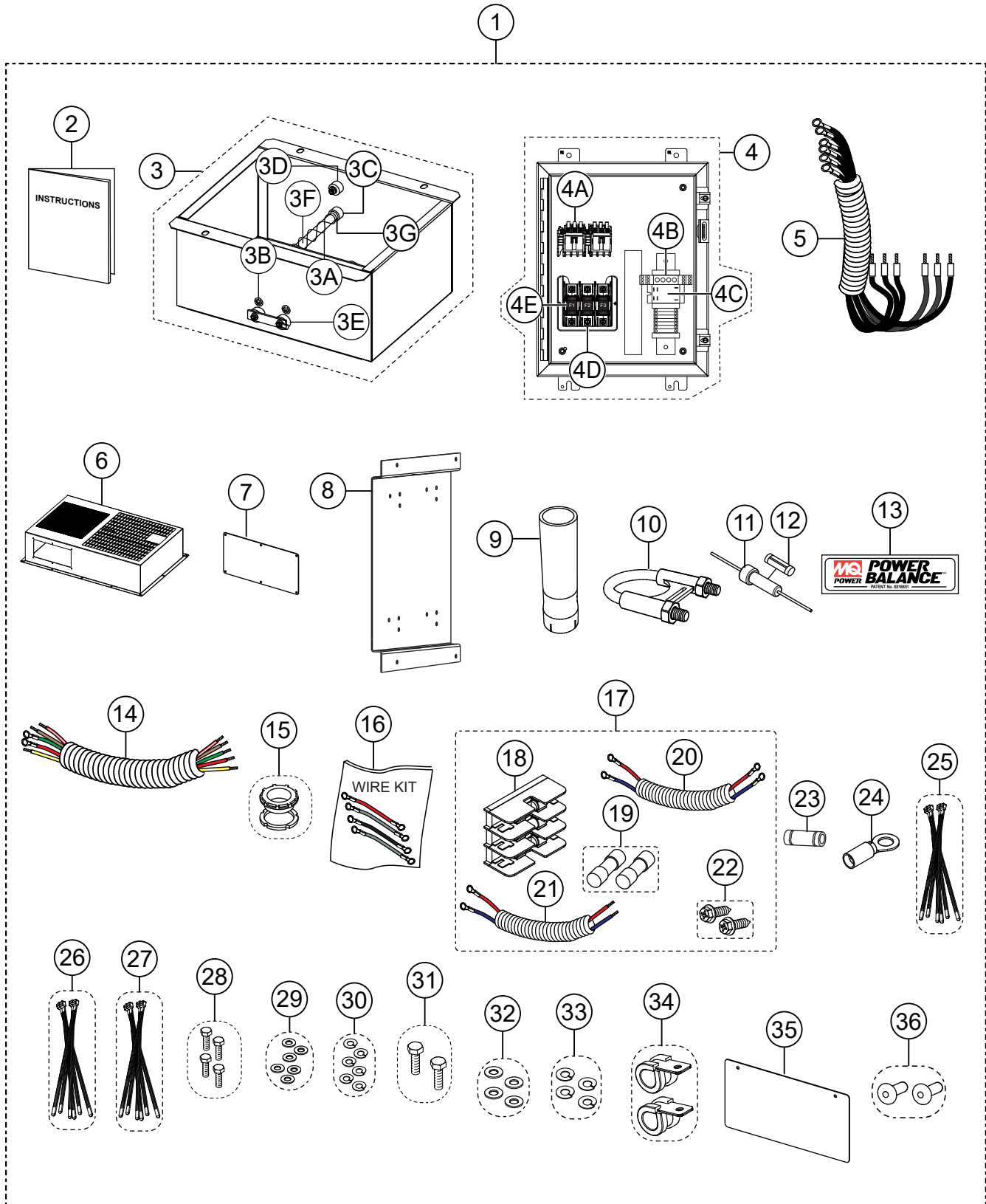
WATER HEATING ELEMENT ASSY. (OPTION)



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	

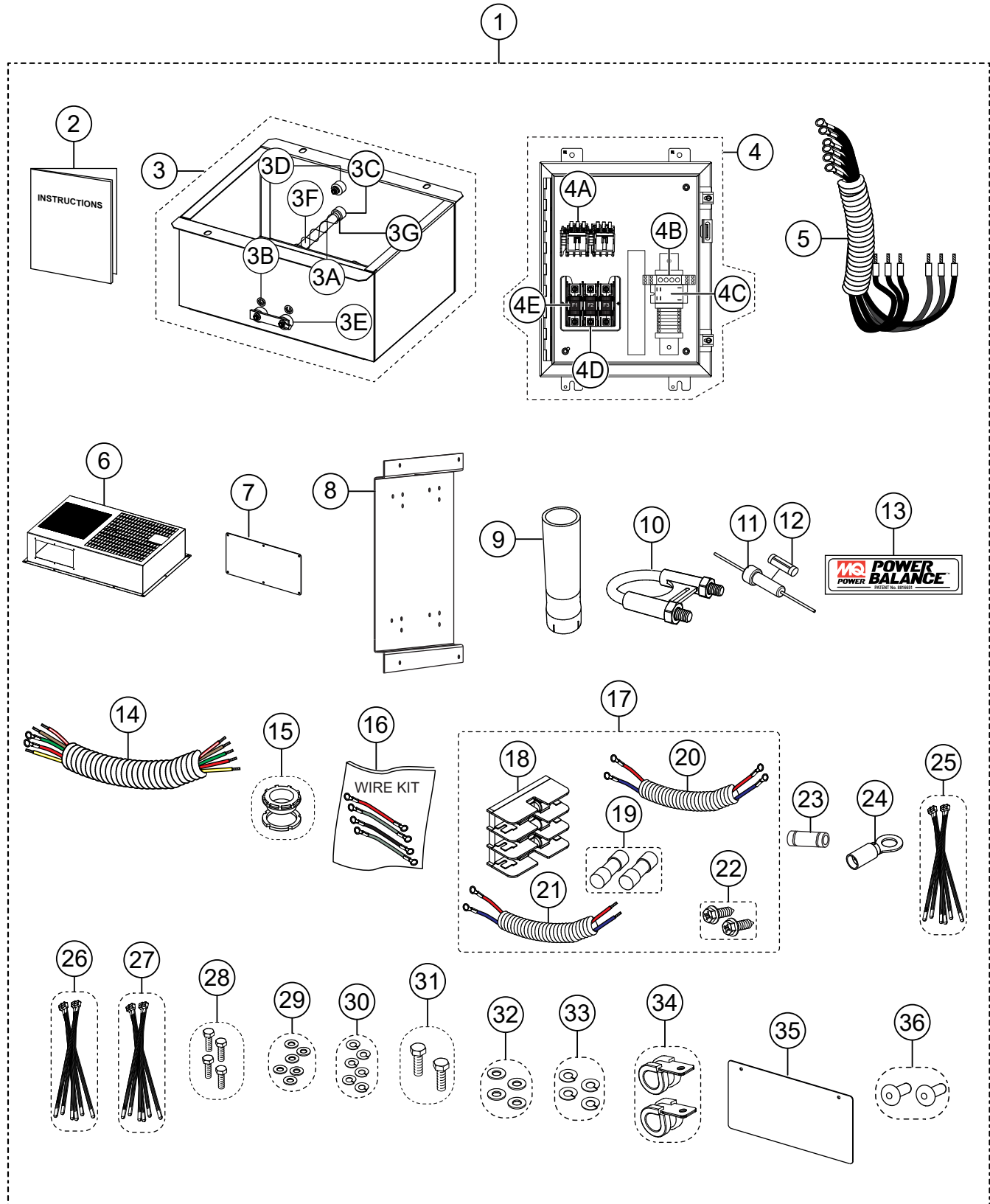
POWER BALANCE ASSY.



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	

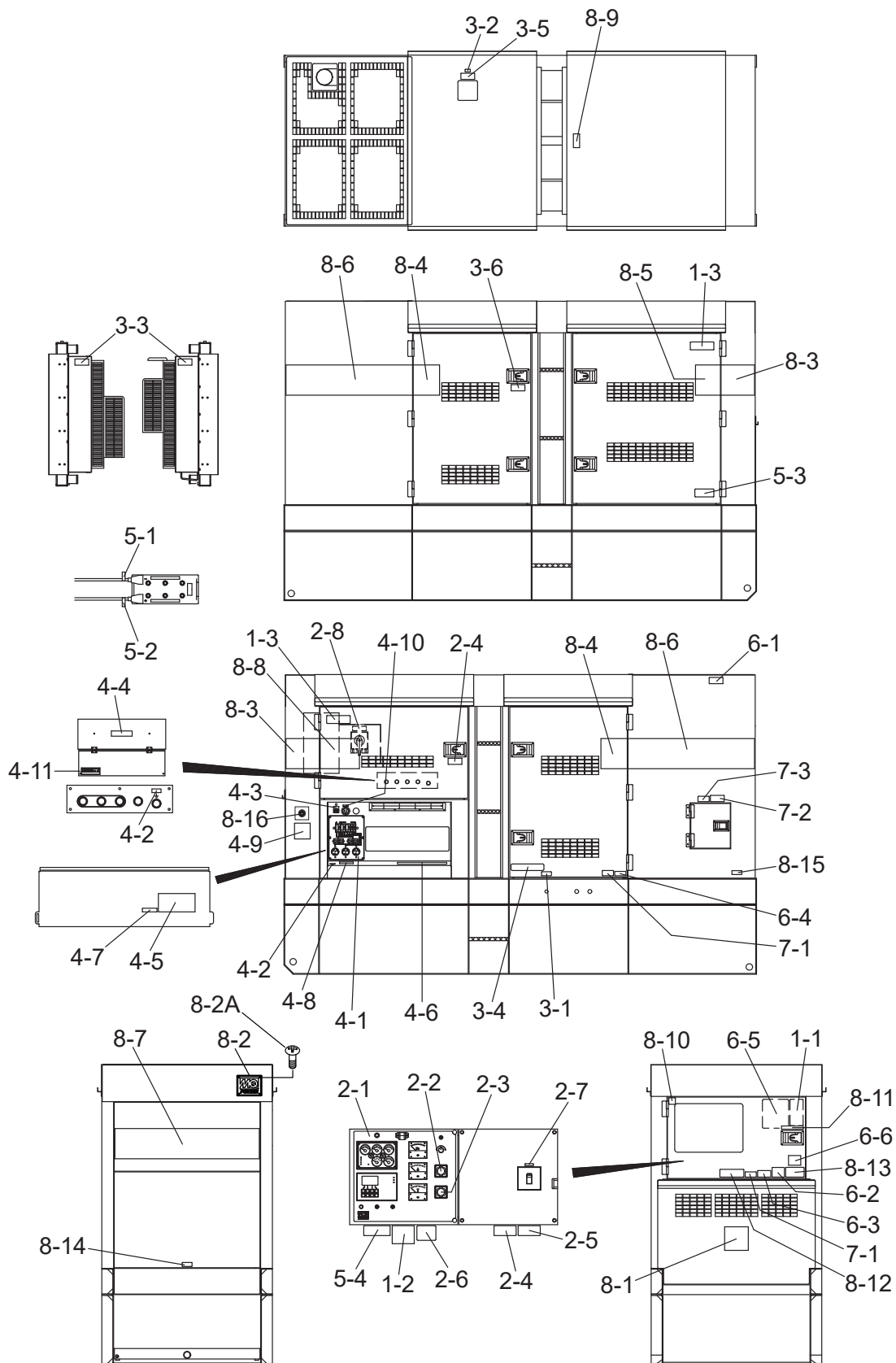
POWER BALANCE ASSY. (CONT'D.)



POWER BALANCE ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
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	
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	

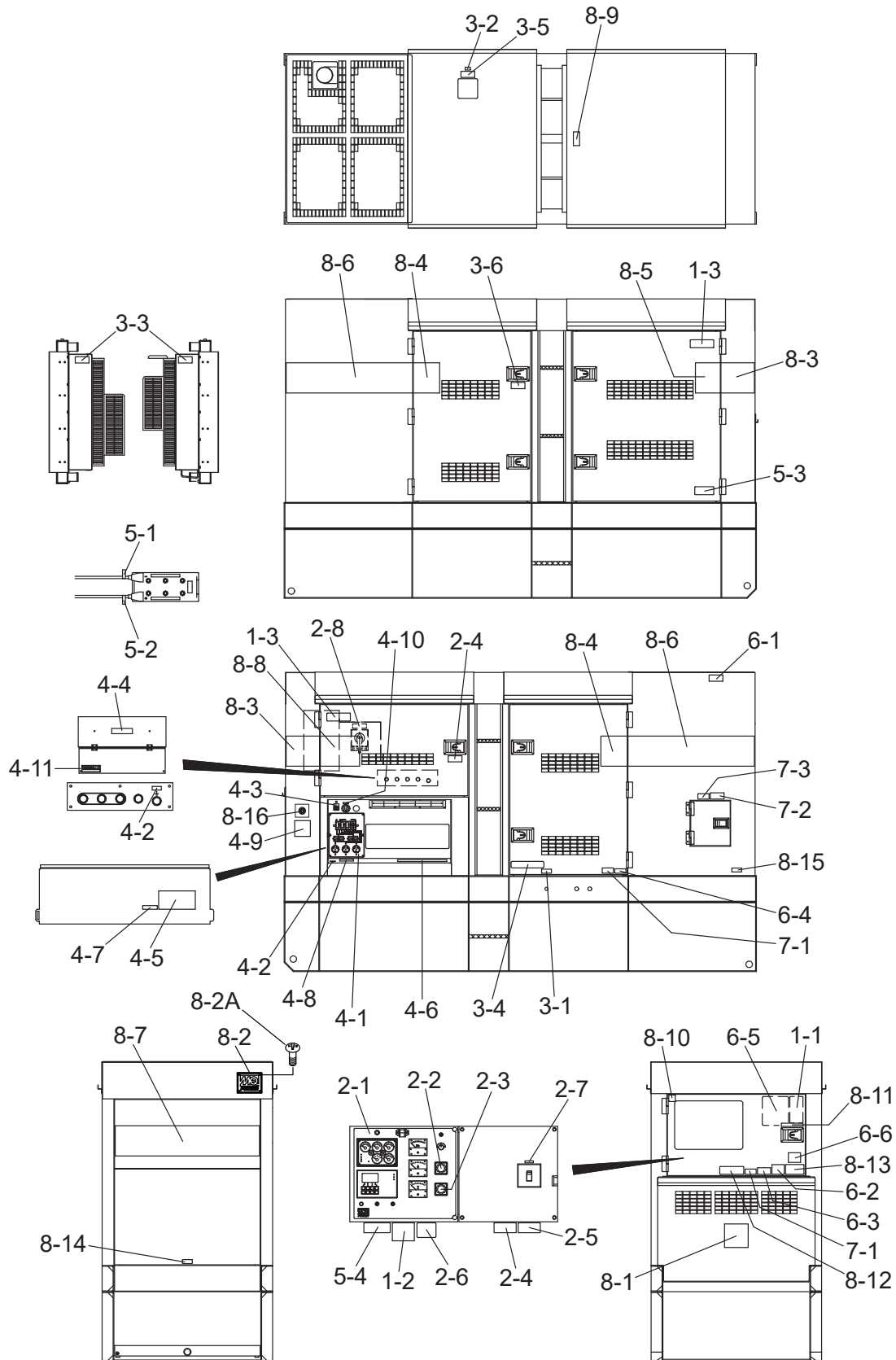
NAMEPLATE AND DECALS ASSY.



NAMEPLATE AND DECALS ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1-1	M3551000103	DECAL; OPERATING PRECAUTIONS	1.....	M35100010
1-2	M9520100304	DECAL; GENERAL CAUTIONS	1.....	M92010030
1-3	M9520100603	DECAL; WARNING: AUTO START.....	2.....	M92010060
<u>CONTROL PANEL AND BOX GROUP</u>				
2-1	M3551002402	DECAL; CONTROL PANEL	1.....	M35100240 S/N 7601332 AND BELOW
2-1	M3551002412	DECAL; CONTROL PANEL	1.....	S/N 7601333 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	M9520100204	DECAL; CAUTION: CHANGE-OVER SW	1.....	M92010020A
<u>ENGINE AND RADIATOR GROUP</u>				
3-1	M9500000004	DECAL; OIL DRAIN PLUG	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
<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	M9511100104	DECAL; NOTICE: RECEPTACLE.....	1.....	M91110010
4-9	M3550000804	DECAL; NOTE: LOAD SHARING.....	1.....	M35000080A
4-10	M9522000004	DECAL; WATER HEATER	1.....	
4-11	M3551002904	DECAL; OUTPUT TERM. BOLT TORQUE	1.....	S/N 7601400 AND ABOVE
<u>BATTERY GROUP</u>				
5-1	M9500300004	DECAL; -	1.....	M90030000
5-2	M9500300104	DECAL; +	1.....	M90030010
5-3	M9510100403	DECAL; WARNING: BATTERY CONNECT	1.....	M91010040
5-4	M9501300004	DECAL; CAUTION: BATTERY CABLES	1.....	M90130000

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	M9504500004	DECAL; REFILL DEF AS WELL	1.....	M90450000
6-5	M2551000703	DECAL; EX. FILTER CLEAN PROCEDURES...	1.....	M25100070
6-6	M9504200104	DECAL; WARNING: PROPOSITION 65	1	
<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
<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	M3561100004	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: LIFTING CAPACITY	1.....	M55000000
8-10	Y0600500094	DECAL; E-COAT MARK STICKER	1	
8-11	M9510000104	DECAL; DOCUMENT BOX LOCATED	1.....	M91000010
8-12	M9511200103	DECAL; TIER 4F	1.....	M91120010
8-13	M9511100004	DECAL; WARNING ENVIRONMENTAL	1.....	M91110000
8-14	M9510000004	DECAL; FLUID DRAIN	1.....	M91000000
8-15	M9507200104	DECAL; DEF DRAIN.....	1.....	M90720010
8-16	M9521002804	DECAL; EMERGENCY STOP BUTTON	1.....	M92100280
				S/N 7601333 AND ABOVE

PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
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