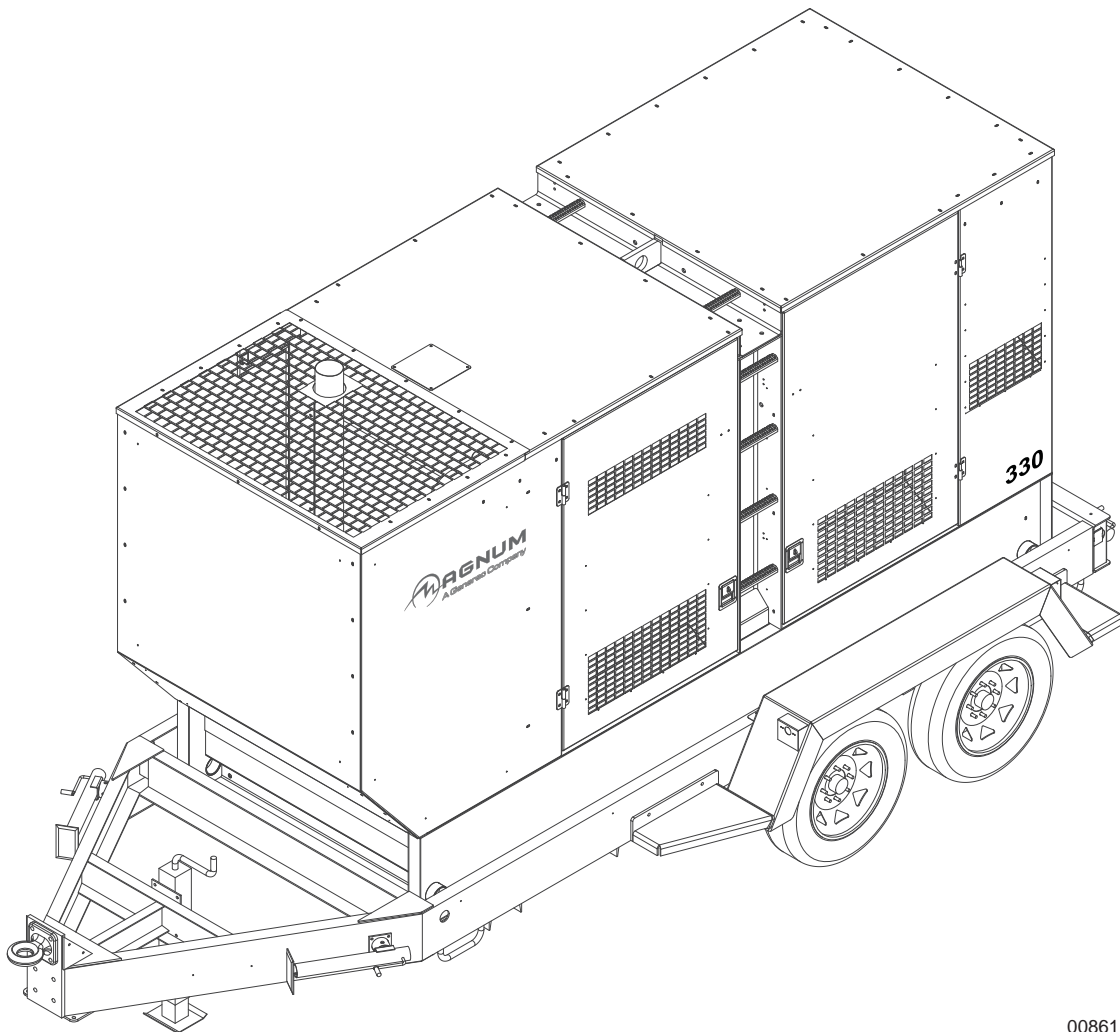




## DIESEL GENERATOR MMG330

With **Power Zone™** Controller



00861

# PARTS MANUAL

## INTRODUCTION

Before servicing this machine, make sure the Control Power switch is turned to the OFF (O) position, the circuit breakers are open (OFF (O)), the emergency stop switch is closed (pushed in), and the negative (-) terminal on battery is disconnected. Attach a Do Not Start sign to the control panel. This will notify everyone that the unit is being serviced and will reduce the chance of someone inadvertently trying to start the unit. If the unit is connected to a remote start or transfer switch, make sure the remote switch is also off and tagged.

### **▲ WARNING**

**Before operating or servicing this equipment, read and understand the Magnum Operating Manual which was included with the unit when shipped from the factory. Failure to do so increases the risk of injury to yourself or others.**

## **MAGNUM POWER PRODUCTS LLC**

**215 Power Drive • Berlin, WI 54923**

**U.S.A.**

**Phone: 920-361-4442**

**FAX: 920-361-4416**

**Toll Free: 1-800-926-9768**

**www.magnumpower.com**

**For technical or parts QUESTIONS, please contact the Magnum Power Products LLC Customer Support or Technical Support team at 1-800-926-9768. Please have your serial number available.**

**To ORDER SERVICE PARTS, please contact the dealer from which you purchased the unit, or call Magnum Power Products LLC to locate a dealer in your area.**

Engine Make: \_\_\_\_\_

Engine Serial Number: \_\_\_\_\_

Engine Model Number: \_\_\_\_\_

Generator Make: \_\_\_\_\_

Generator Model Number: \_\_\_\_\_

Generator Serial Number: \_\_\_\_\_

Unit Model Number: \_\_\_\_\_

Unit Serial Number: \_\_\_\_\_

### **▲ WARNING**

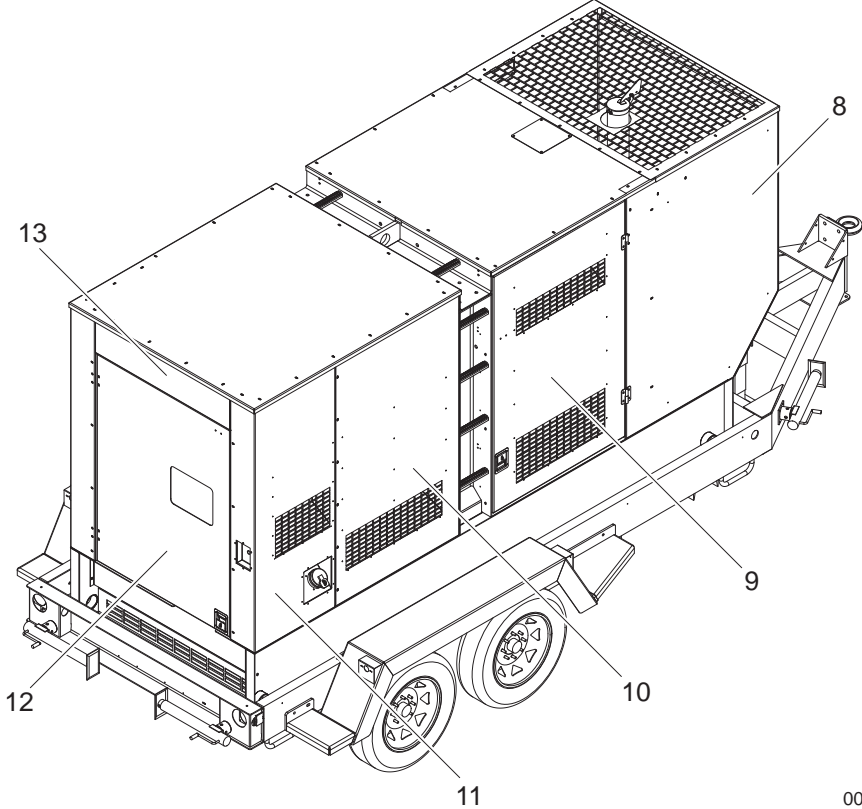
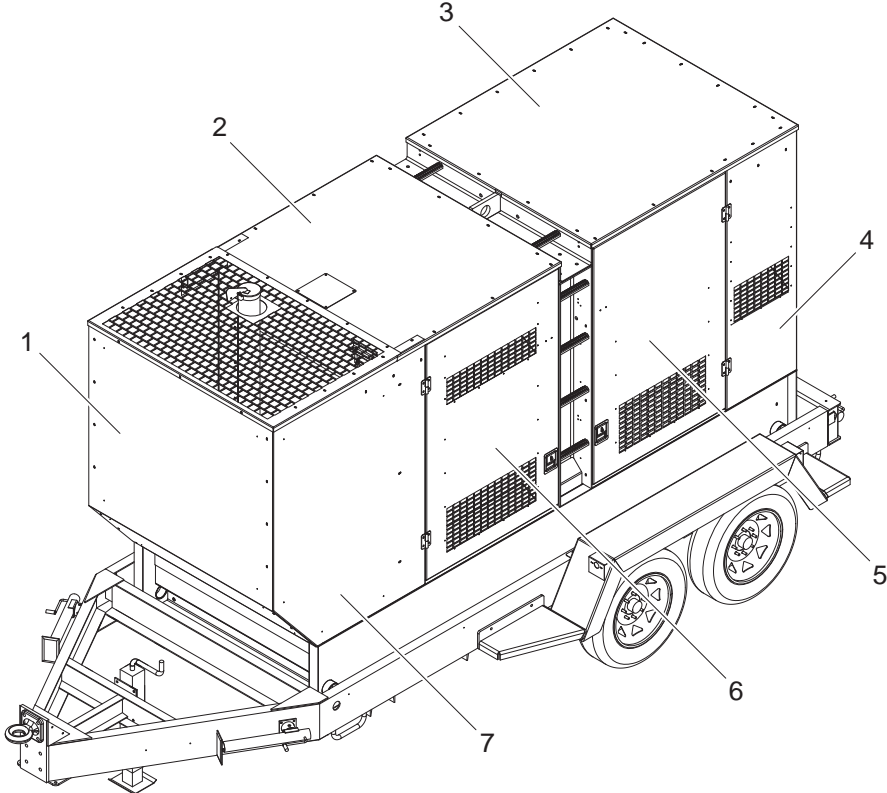
#### **CALIFORNIA PROPOSITION 65 WARNING:**

**Diesel engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects and other reproductive harm.**

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# ENCLOSURE PANELS



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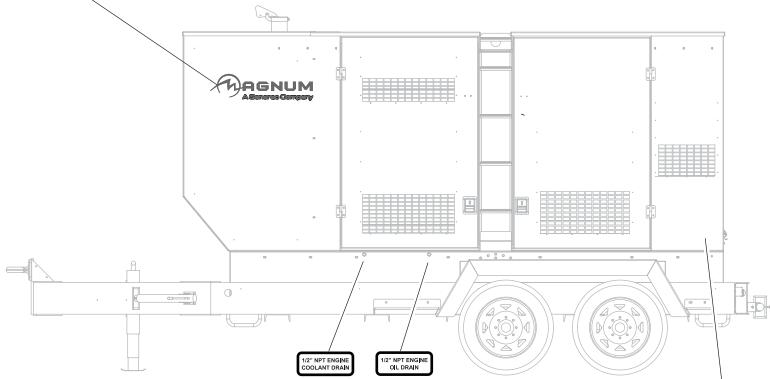


## ENCLOSURE PANELS

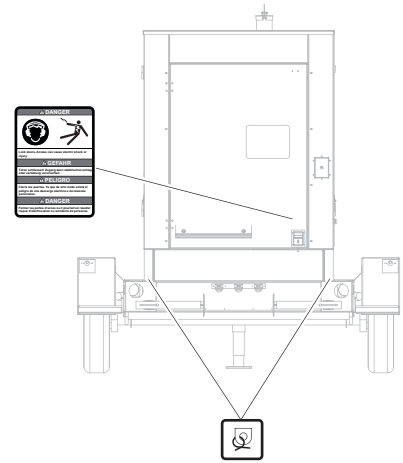
ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	<a href="#">Page 22</a>	1	Front panel assembly	
2	<a href="#">Page 20</a>	1	Front roof panel	
3	<a href="#">Page 20</a>	1	Rear roof panel	
4	<a href="#">Page 34</a>	1	Left rear corner assembly	
5	<a href="#">Page 14</a>	1	Left rear door panel	
6	<a href="#">Page 12</a>	1	Left front door assembly	
7	<a href="#">Page 26</a>	1	Left front panel assembly	
8	<a href="#">Page 28</a>	1	Right front panel assembly	
9	<a href="#">Page 16</a>	1	Right front door assembly	
10	<a href="#">Page 30</a>	1	Right rear panel assembly	
11	<a href="#">Page 36</a>	1	Right rear corner assembly	
12	<a href="#">Page 18</a>	1	Control door assembly	
13	<a href="#">Page 32</a>	1	Rear control box upper panel	

# UNIT DECALS - EXTERIOR

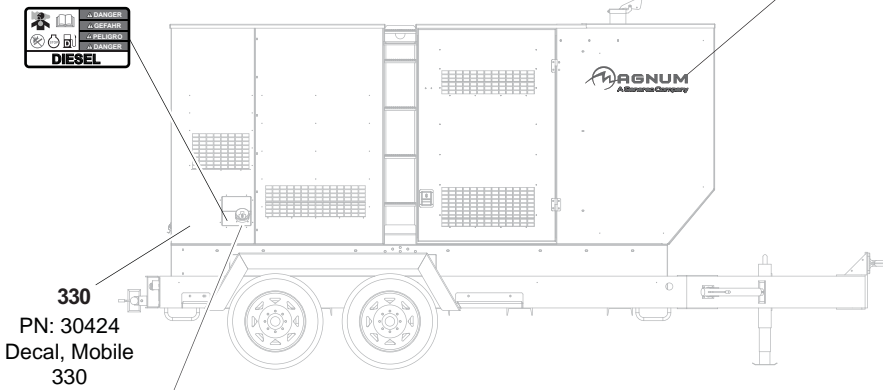
PN: 36141  
Decal, Magnum A Generac  
Company 32 x 8.1



330  
PN: 30424  
Decal, Mobile 330



PN: 36141  
Decal, Magnum A Generac  
Company 32 x 8.1



330  
PN: 30424  
Decal, Mobile  
330

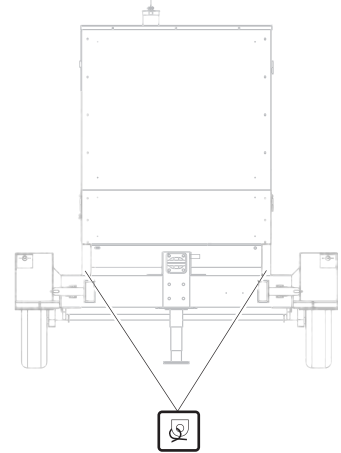
PN: 27433  
Decal, Ultra Low  
Sulfur Fuel Only

<b>OWNER INSTRUCTIONS</b> • Read and understand all instructions before operating the generator. • Do not use the generator for space heating or to power medical equipment. • Do not use the generator for power tools or other high-draw loads. • Do not use the generator for power tools or other high-draw loads.	<b>SAFETY PRECAUTIONS</b> • Do not touch the generator when it is running. • Do not touch the generator when it is running. • Do not touch the generator when it is running.	<b>WARNING: NEVER USE FOR HEATING</b> • Do not use the generator for space heating. • Do not use the generator for space heating. • Do not use the generator for space heating.	<b>WARNING: NEVER USE FOR MEDICAL</b> • Do not use the generator for medical equipment. • Do not use the generator for medical equipment. • Do not use the generator for medical equipment.
--	---	--	--

Located on tongue of trailered units



Located on doors  
above door handle



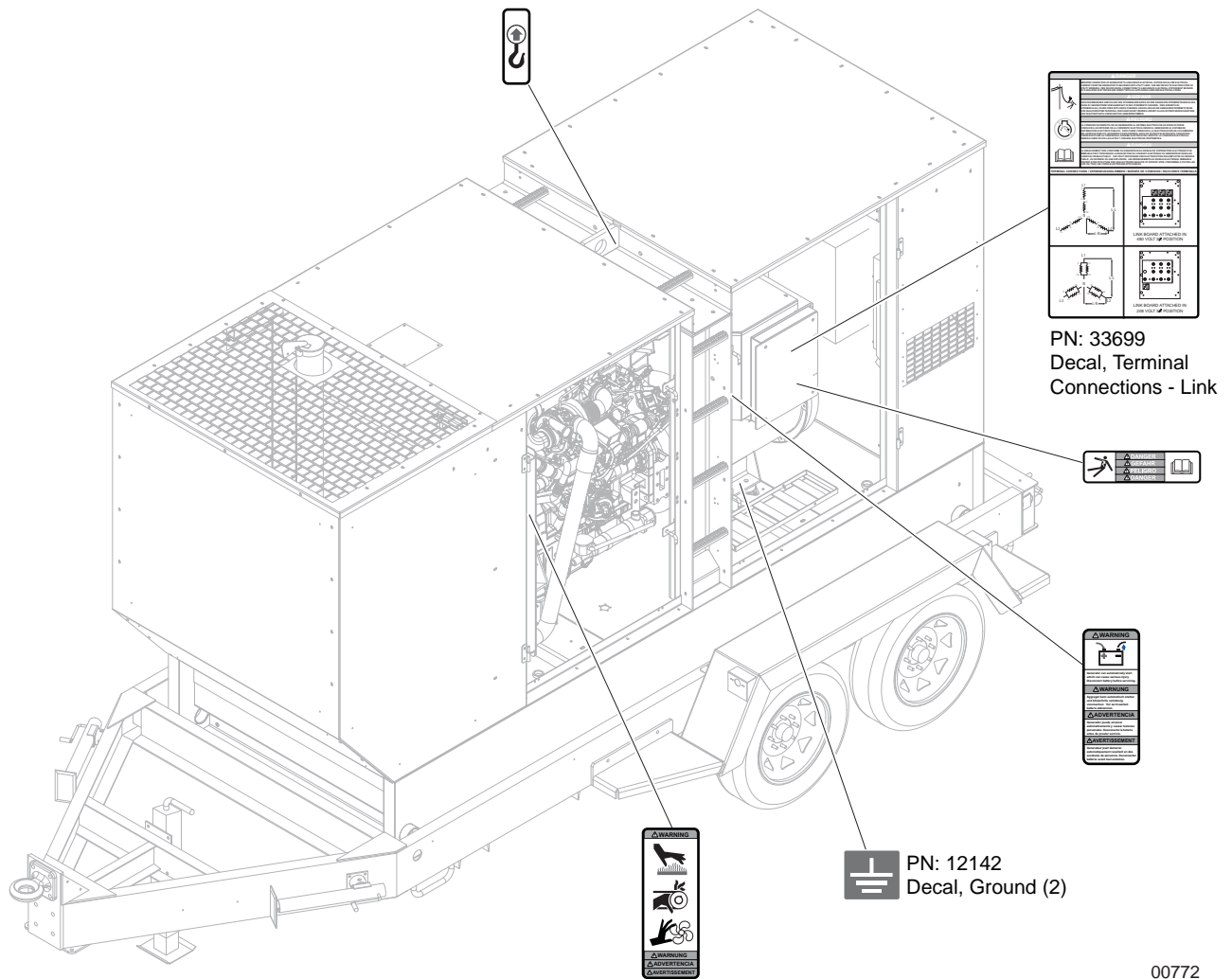
**SUPERSTART** PN: 34574  
Decal, Superstart - 17.6 Black  
(Optional)

Located on bottom of right front panel

00860

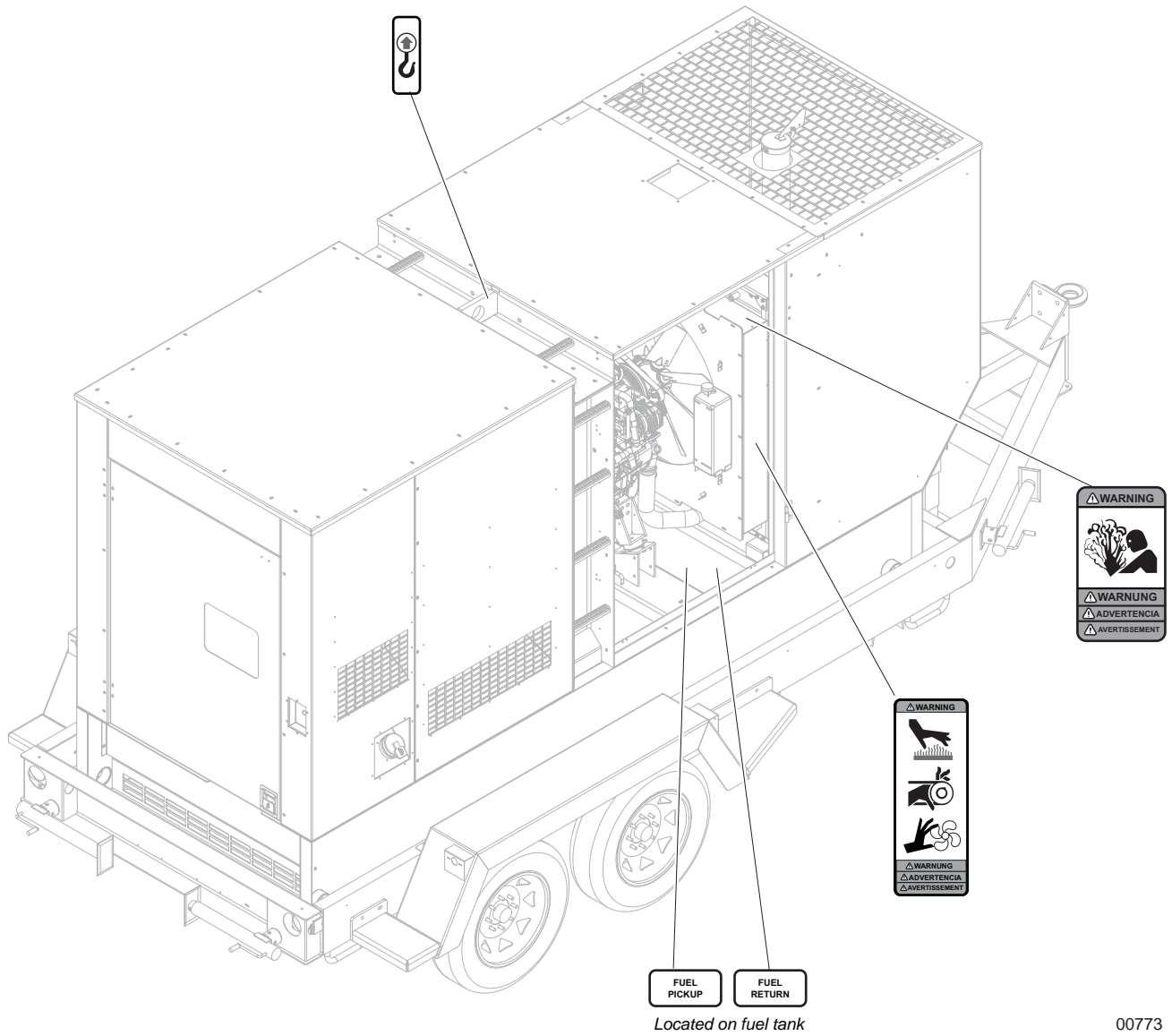
**Note:** All safety and operating decals shown above are located on decal sheet 33636, unless otherwise noted.

# UNIT DECALS - LEFT SIDE INTERIOR



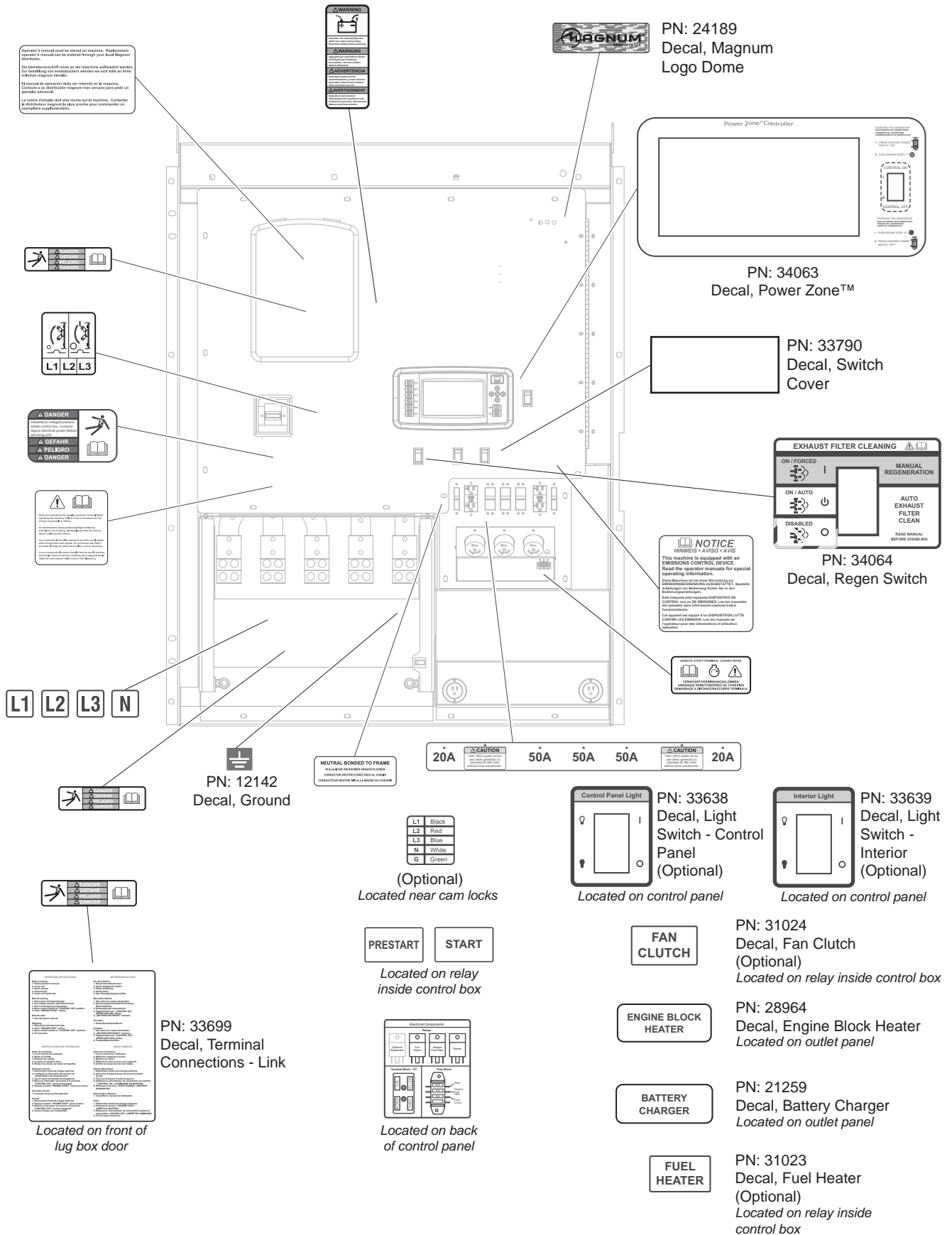
**Note:** All safety and operating decals shown above are located on decal sheet 33636, unless otherwise noted.

# UNIT DECALS - RIGHT SIDE INTERIOR



**Note:** All safety and operating decals shown above are located on decal sheet 33636, unless otherwise noted.

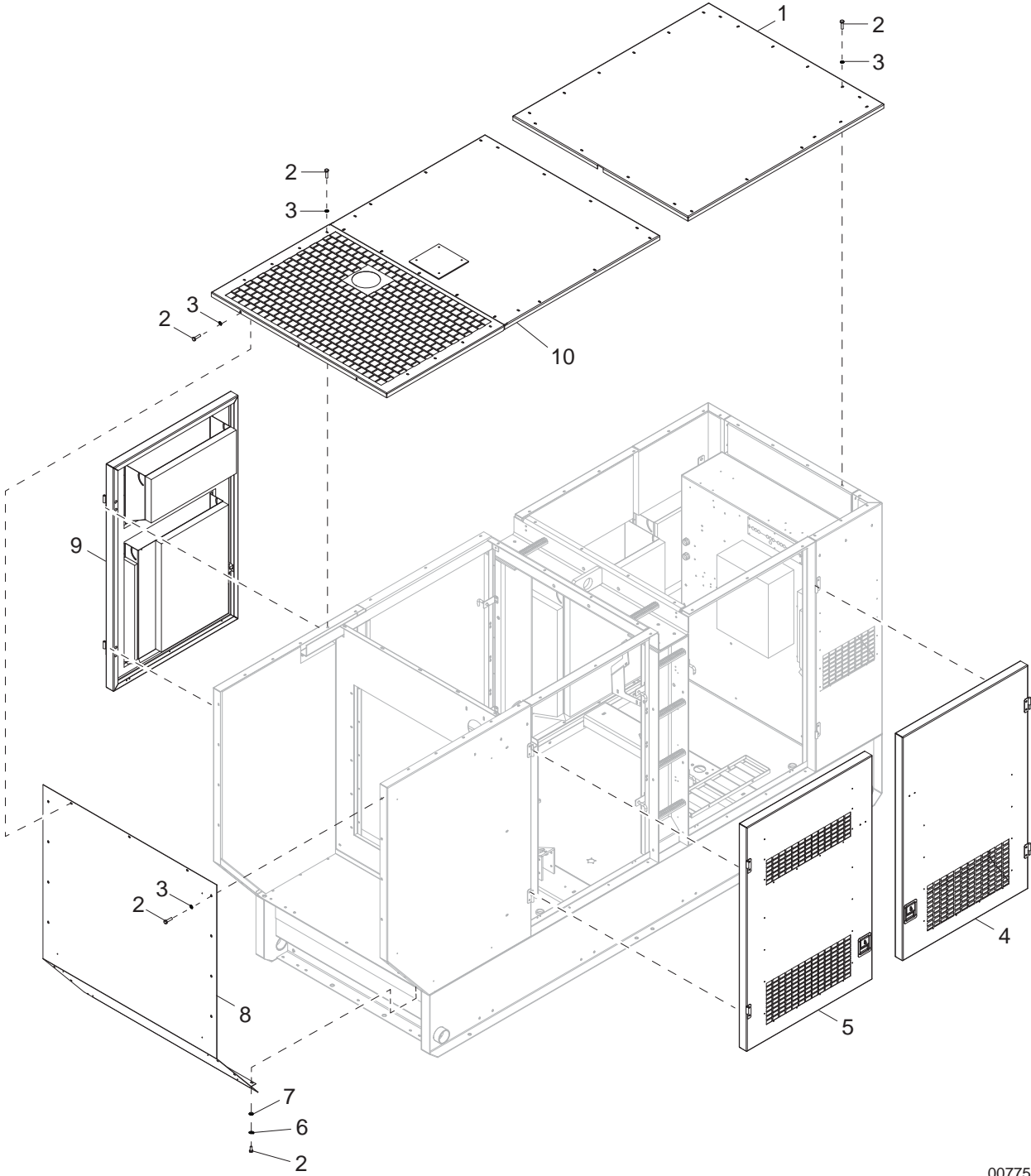
# UNIT DECALS - CONTROL BOX



00774

**Note:** All safety and operating decals shown above are located on decal sheet 33635, unless otherwise noted.

**DOORS, ROOF, AND FRONT PANEL TO UNIT**

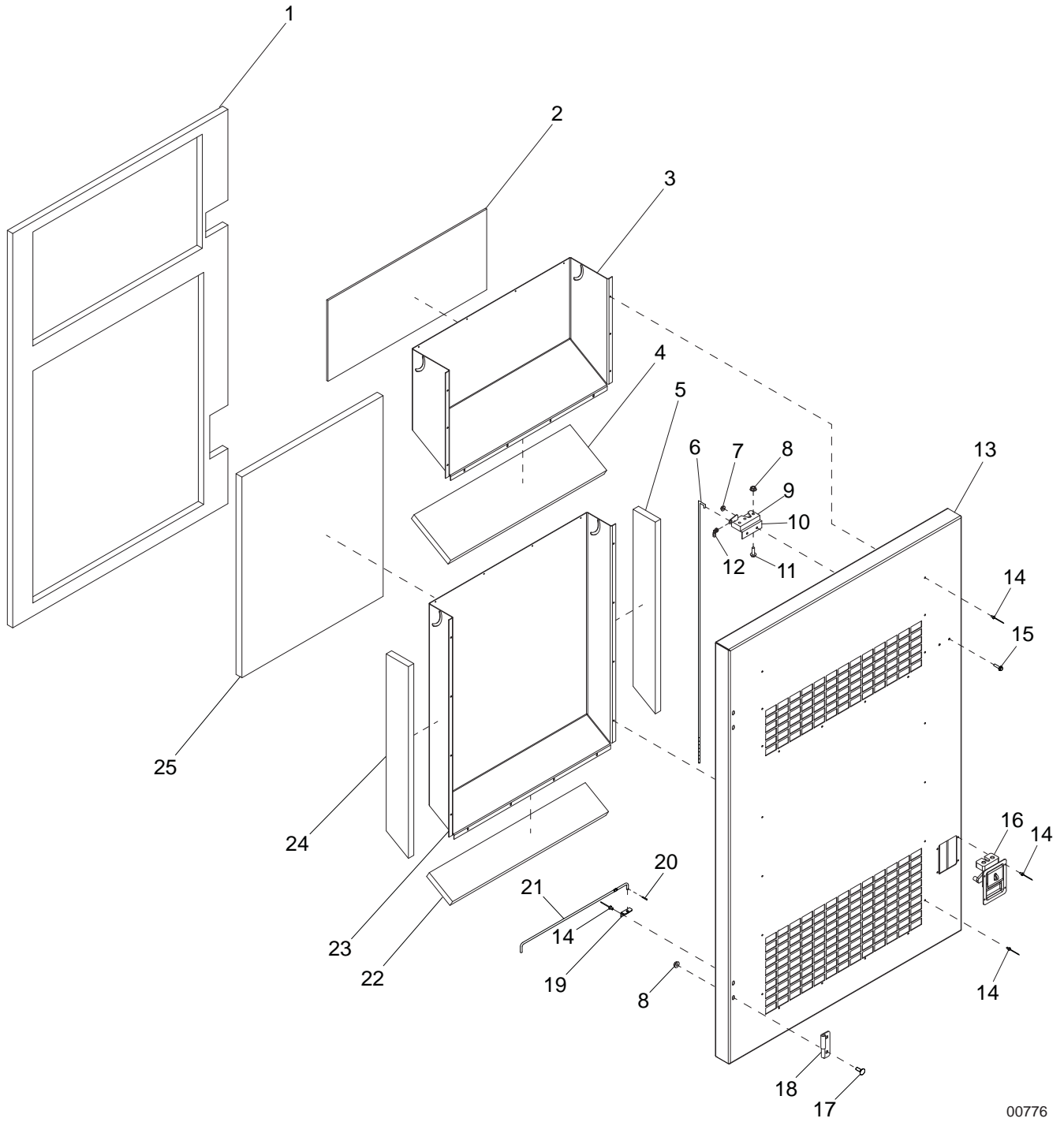


00775

## DOORS, ROOF, AND FRONT PANEL TO UNIT

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	<a href="#">Page 20</a>	1	Assembly, rear roof	
2	60507	60	Screw, .312-18x1.0 std hex, SS	
3	60452	54	Washer, .313 flat 1.125/1.0 bonded rubber, SS	
4	<a href="#">Page 14</a>	1	Assembly, left rear door	
5	<a href="#">Page 12</a>	1	Assembly, left front door	
6	60701	3	Washer, .312 split lock, SS	
7	60340	3	Washer, .312 flat .875/.040, SS	
8	<a href="#">Page 26</a>	1	Assembly, front panel	
9	<a href="#">Page 16</a>	1	Assembly, right front door	
10	<a href="#">Page 20</a>	1	Assembly, front roof	

# LEFT FRONT DOOR ASSEMBLY



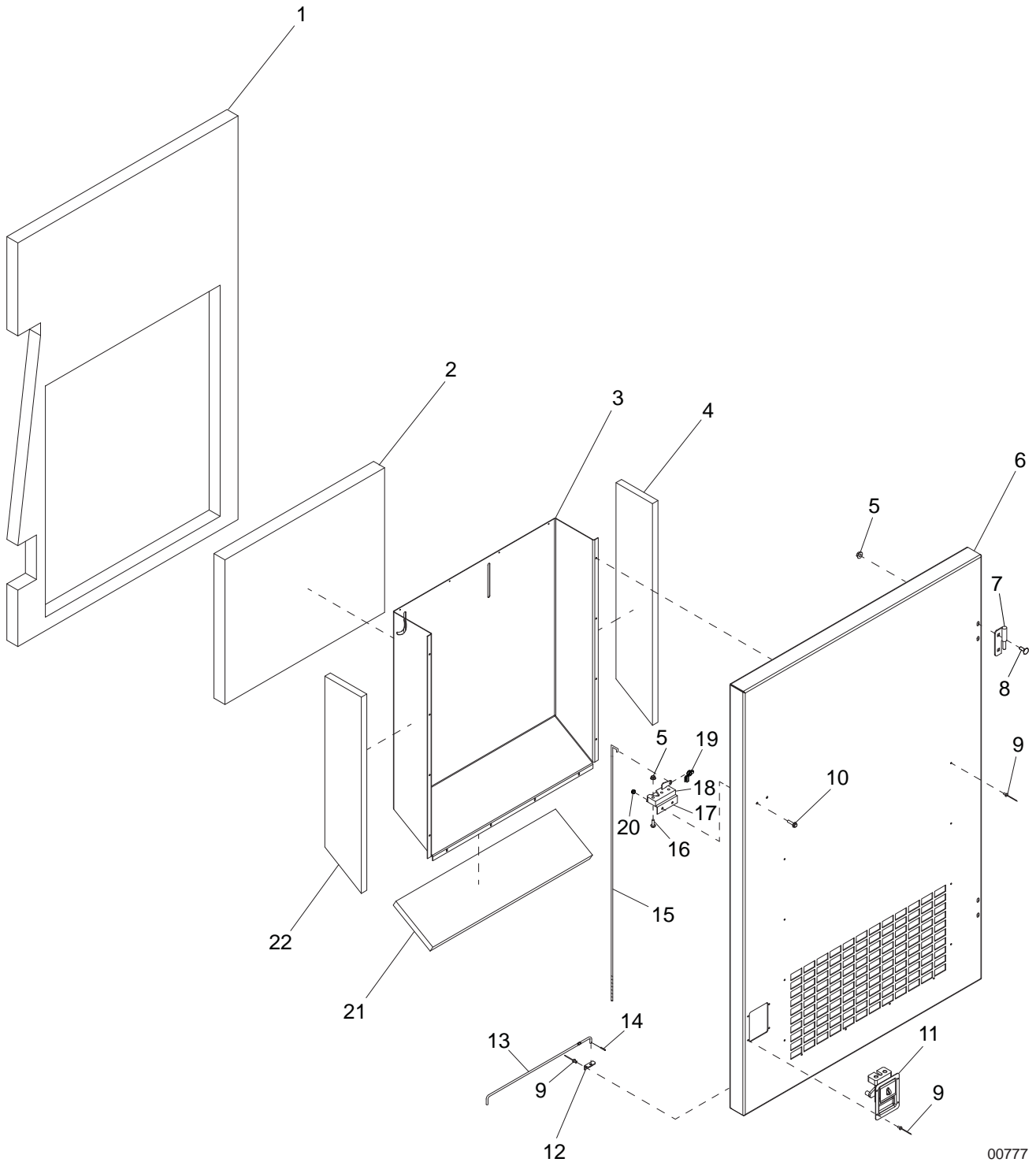
00776



## LEFT FRONT DOOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	32595	1	Foam, door panel	
2	32923	1	Insulator, front duct	
3	32581W	1	Duct, front door	
4	32585	1	Foam, duct - lower	
5	23750	1	Foam, front duct - left	
6	23714	1	Rod, door actuator	
7	60161	2	Nut, .250-20 sflg, G5	
8	60095	7	Nut, .312-18 sflg	
9	23906	1	Latch, left remote	
10	24045ZC	1	Bracket, left rotary	
11	60516	3	Screw, .312-18x1.250 sflg hex	
12	23716	1	Clip, rod locking	
13	32575W	1	Door, left front	
14	60268	28	Rivet, .188 dia. x .126 to .250 grip, SS	
15	60528	2	Screw, .250-20x.625 sflg hex, G5	
16	23641	1	Latch, rotating - w/handle	
17	61066	4	Screw, .312-18x1.0 carr sqr, SS	
18	18459	2	Hinge, right (male)	
19	20916Z	1	Bracket, prop rod	
20	60048	1	Pin, roll - .125x.625	
21	18900ZC	1	Rod, door prop	
22	23752	1	Foam, front duct - lower	
23	23725W	1	Duct, door front	
24	23751	1	Foam, front duct - right	
25	32749	1	Foam, front duct - face	
--	32578	1	Assembly, left front door	Items 1 - 25

# LEFT REAR DOOR ASSEMBLY

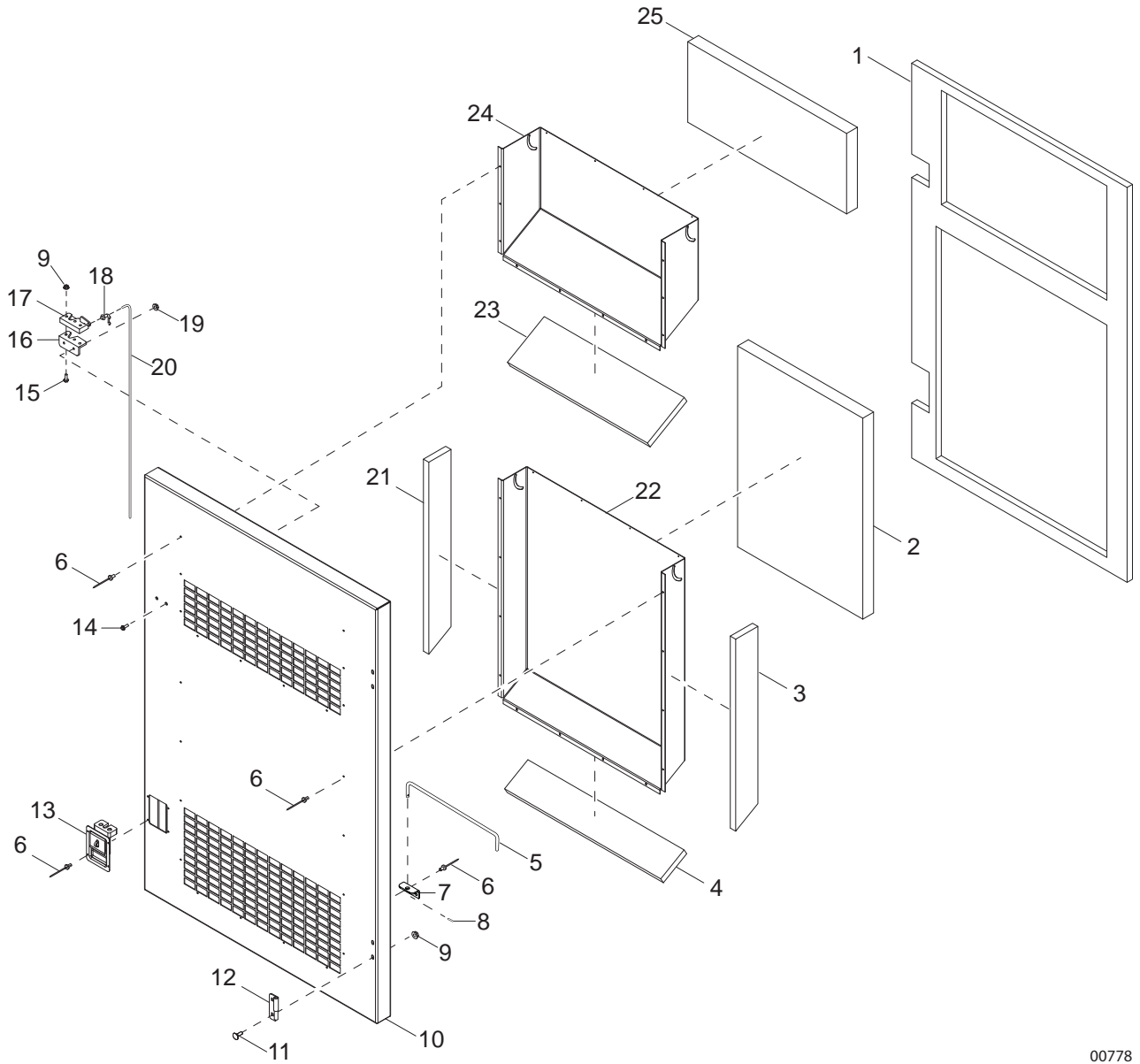


00777

## LEFT REAR DOOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	23747	1	Foam, left rear door	
2	22184	1	Foam, rear duct - face	
3	22138W	1	Duct, rear	
4	21966	1	Foam, rear duct - left	
5	60095	7	Nut, .312-18 sflg	
6	23637W	1	Door, left rear	
7	18461	2	Hinge, left (male)	
8	61066	4	Screw, .312-18x1.0 carr sqr, SS	
9	60268	18	Rivet, .188 dia. x .126 to .250 grip, SS	
10	60528	2	Screw, .250-20x.625 sflg hex, G5	
11	23641	1	Latch, rotating - w/handle	
12	20916Z	1	Bracket, prop rod	
13	18900ZC	1	Rod, door prop	
14	60048	1	Pin, roll - .125x.625	
15	23714	1	Rod, door actuator	
16	60516	3	Screw, .312-18x1.250 sflg hex	
17	24044ZC	1	Bracket, right rotary	
18	23905	1	Latch, right remote	
19	23717	1	Clip, rod locking	
20	60161	2	Nut, .250-20 sflg, G5	
21	22185	1	Foam, rear duct - lower	
22	21965	1	Foam, rear duct - right	
--	23640	1	Assembly, left rear door	Items 1 - 22

# RIGHT FRONT DOOR ASSEMBLY

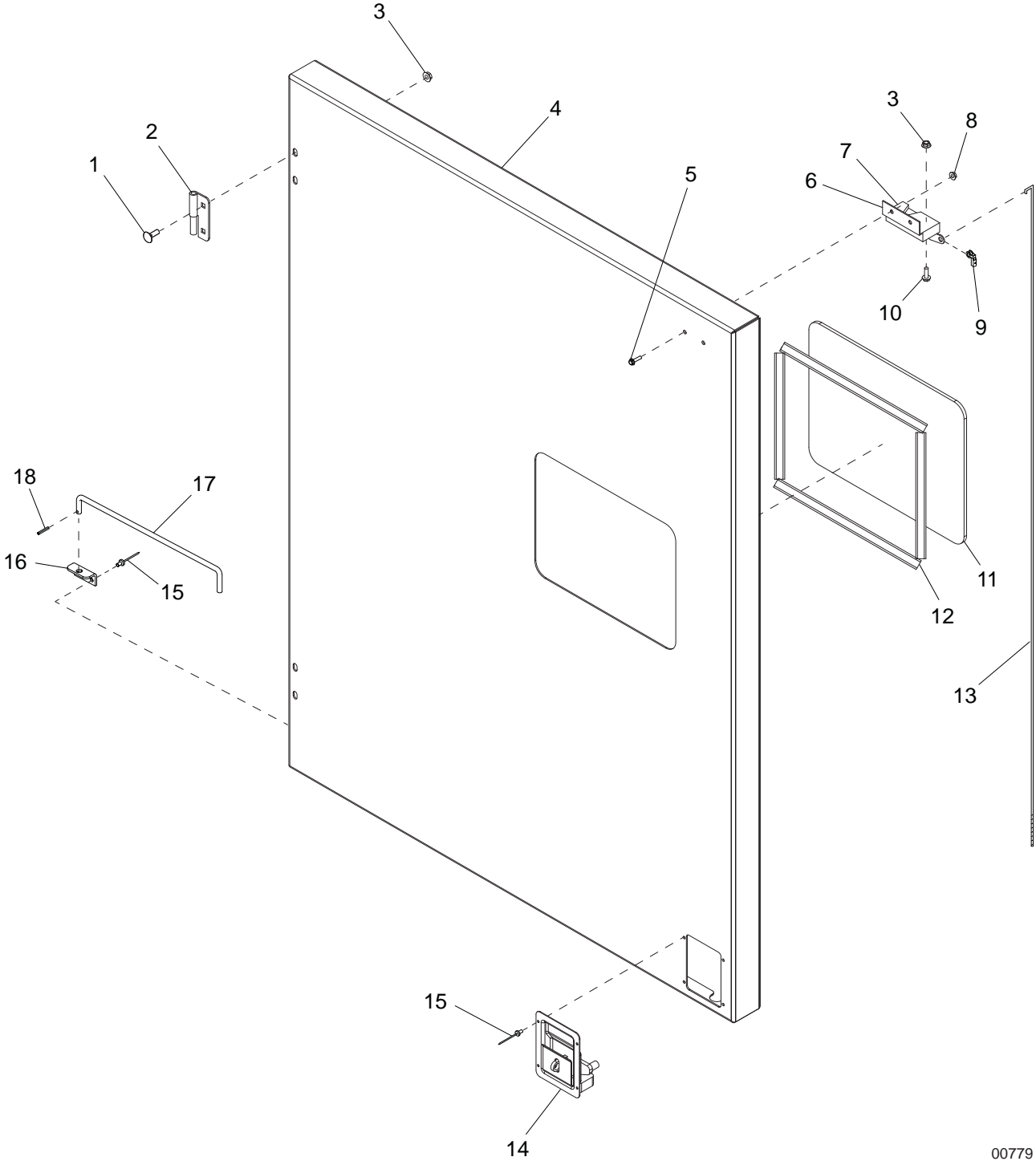


00778

## RIGHT FRONT DOOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	32583	1	Foam, right front door	
2	32584	1	Foam, duct - face	
3	23750	1	Foam, front duct - left	
4	32585	1	Foam, duct - lower	
5	18900ZC	1	Rod, door prop	
6	60268	28	Rivet, .188 dia. x .126 to .250 grip, SS	
7	20916Z	1	Bracket, prop rod	
8	60048	1	Pin, roll - .125x.625	
9	60095	7	Nut, .312-18 sflg	
10	32574W	1	Door, right front	
11	61066	4	Screw, .312-18x1.0 carr sqr, SS	
12	18461	2	Hinge, left (male)	
13	23641	1	Latch, rotating - w/handle	
14	60528	2	Screw, .250-20x.625 sflg hex, G5	
15	60516	3	Screw, .312-18x1.250 sflg hex	
16	24044ZC	1	Bracket, right rotary	
17	23905	1	Latch, right remote	
18	23716	1	Clip, rod locking	
19	60161	2	Nut, .250-20 sflg, G5	
20	23714	1	Rod, door actuator	
21	23751	1	Foam, front duct - right	
22	23725W	1	Duct, front door - bottom	
23	23752	1	Foam, front duct - lower	
24	32581W	1	Duct, front door - top	
25	23748	1	Foam, front duct - face	
--	32577	1	Assembly, right front door	Items 1 - 25

# CONTROL DOOR ASSEMBLY

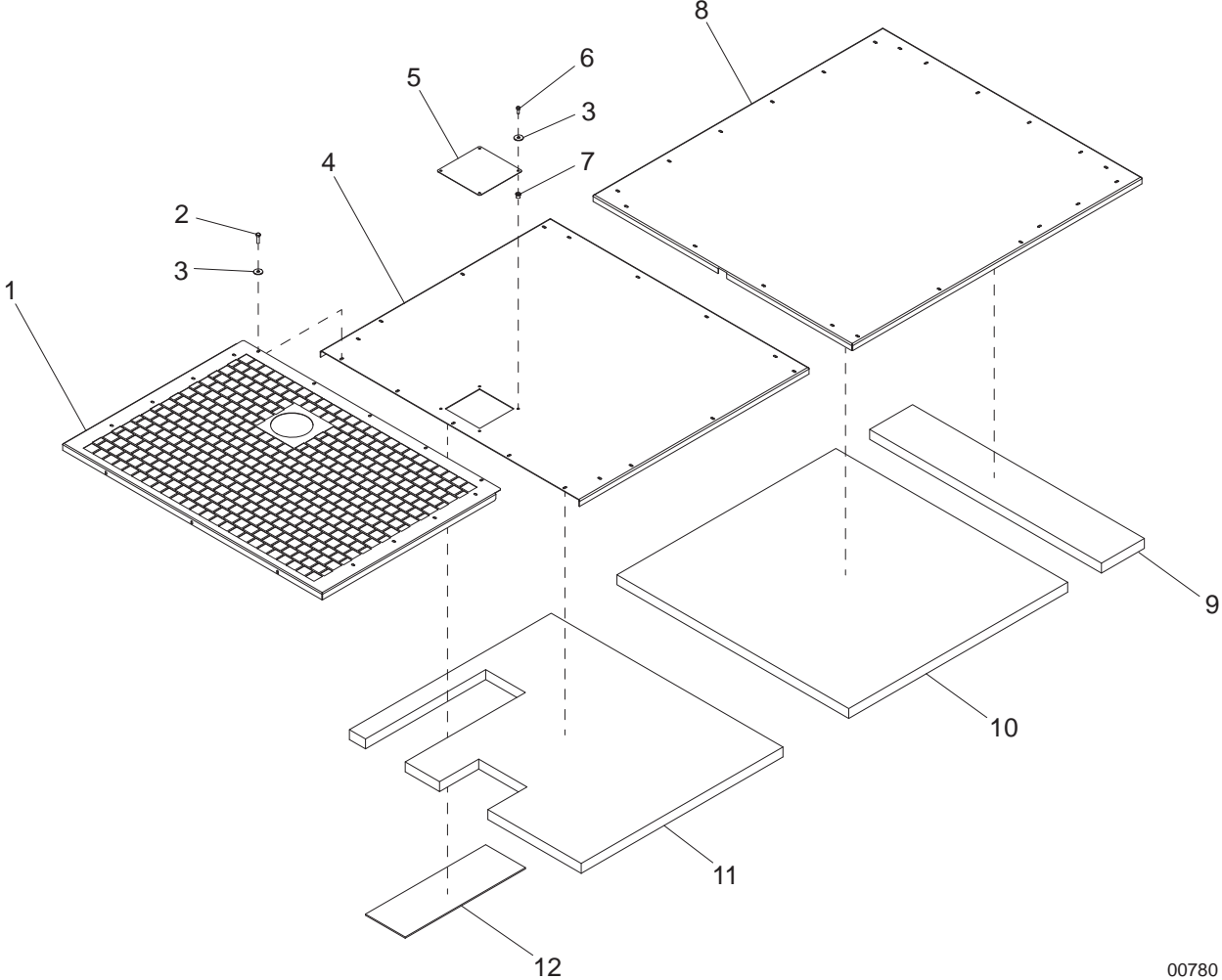


00779

## CONTROL DOOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	61066	4	Screw, .312-18x1.0 carr sqr, SS	
2	18459	2	Hinge, right (male)	
3	60095	7	Nut, .312-18 sflg	
4	33573W	1	Door, control	
5	60528	2	Screw, .250-20x.625 sflg hex, G5	
6	24045ZC	1	Bracket, left rotary	
7	23906	1	Latch, left remote	
8	60161	2	Nut, .250-20 sflg, G5	
9	23717	1	Clip, rod locking	
10	60516	3	Screw, .312-18x1.250 sflg hex	
11	33642	1	Window, control door	
12	50192	4.58 ft	Tape, .500 in. double-sided, type VHB	
13	23715	1	Rod, door actuator - long	
14	23641	1	Latch, rotating - w/handle	
15	60268	8	Rivet, .188 dia. x .126 to .250 grip, SS	
16	20916Z	2	Bracket, prop rod	
17	21146Z	1	Rod, prop - control door	
18	60048	1	Pin, roll - .125x.625	
--	33574	1	Assembly, control door	Items 1 - 18

ROOF ASSEMBLY



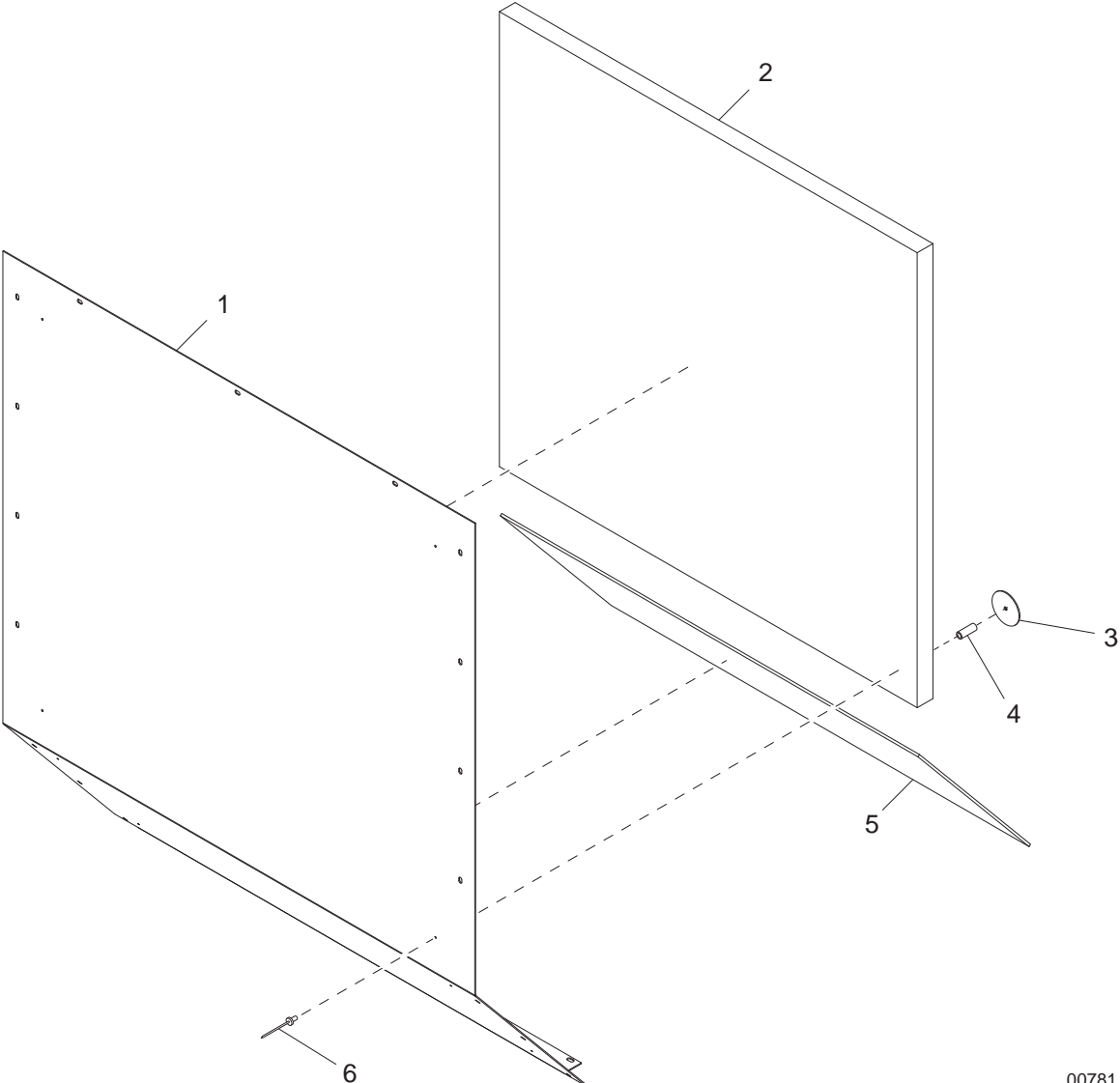
00780



## ROOF ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	30127B	1	Panel, front roof insert	
2	60507	4	Screw, .312-18x1.0 std hex, SS	
3	60452	8	Washer, .313 flat 1.125/1.0, bonded rubber, SS	
4	30125W	1	Panel, front roof	
5	25053W	1	Panel, access	
6	61195	4	Screw, .250-20x.750 std hex, SS	
7	62132	4	Insert, .250-20 threaded, splined .027-.165 grip	
8	23634W	1	Panel, rear roof	
9	23768	1	Foam, rear roof - small	
10	23760	1	Foam, rear roof - large	
11	23761	1	Foam, front roof	
12	23762	1	Insulation, ceramic roof	
--	32003	1	Assembly, front roof	Items 1 - 7, 11 - 12
--	23763	1	Assembly, rear roof	items 8 - 10

FRONT PANEL ASSEMBLY

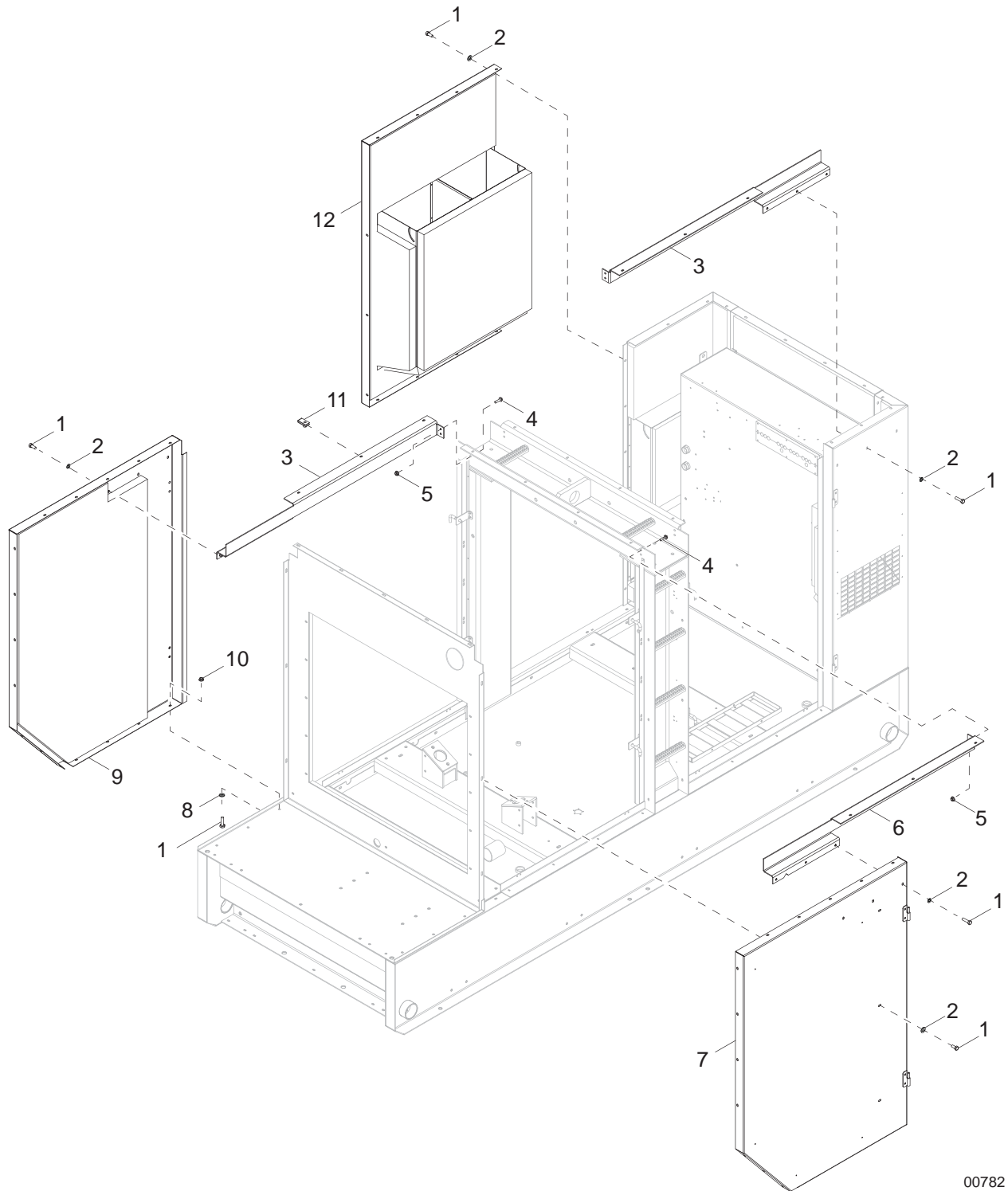


00781

## FRONT PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	30126W	1	Panel, front	
2	32313	1	Foam, front top	
3	30847	8	Retainer, foam - .188 hole	
4	32251	4	Spacer, steel .195 ID/.312 ODx.685 long	
5	32314	1	Foam, front lower	
6	61155	8	Rivet, .188 dia. x .438-.750 grip	

# FRONT AND SIDE PANELS TO UNIT

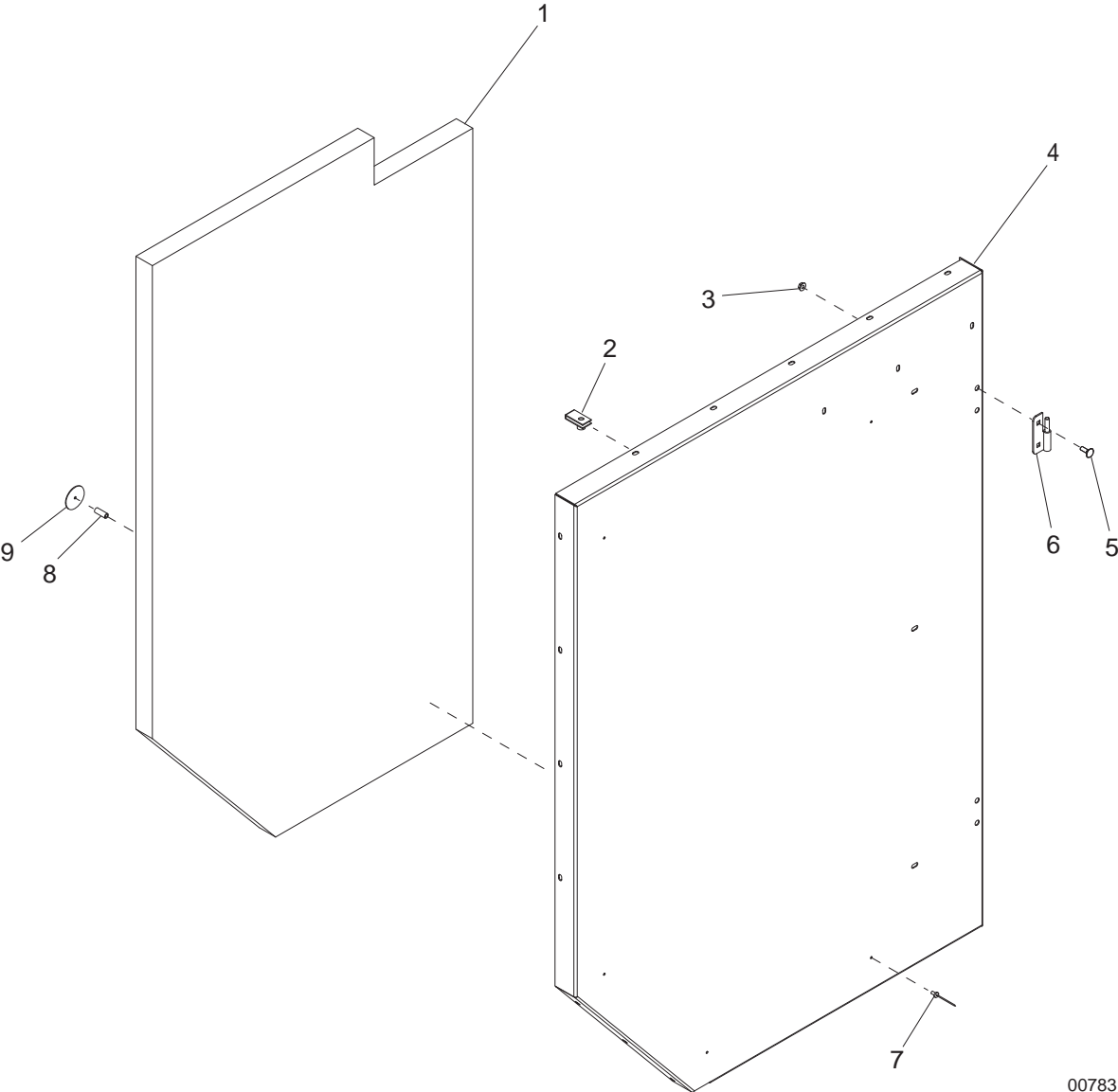


00782

## FRONT AND SIDE PANELS TO UNIT

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60507	30	Screw, .312-18x1.0 std hex, SS	
2	60452	24	Washer, .313 flat 1.125/1.0 bonded rubber, SS	
3	23677B	2	Weldment, upper door support	
4	60517	6	Screw, .375-16x1.0 sflg hex	
5	60145	6	Nut, .375-16 sflg, G5	
6	23680B	1	Weldment, upper door support	
7	<a href="#">Page 26</a>	1	Assembly, left front panel	
8	60340	12	Washer, .312 flat .875/.040, SS	
9	<a href="#">Page 28</a>	1	Assembly, right front panel	
10	60095	12	Nut, .312-18 sflg	
11	60505	9	Nut, .312-18 U-clip - long type	
12	<a href="#">Page 30</a>	1	Assembly, right rear panel	
--	50230	25.83 ft	Weatherstripping - .188x.50	For left & right front panels

LEFT FRONT PANEL ASSEMBLY

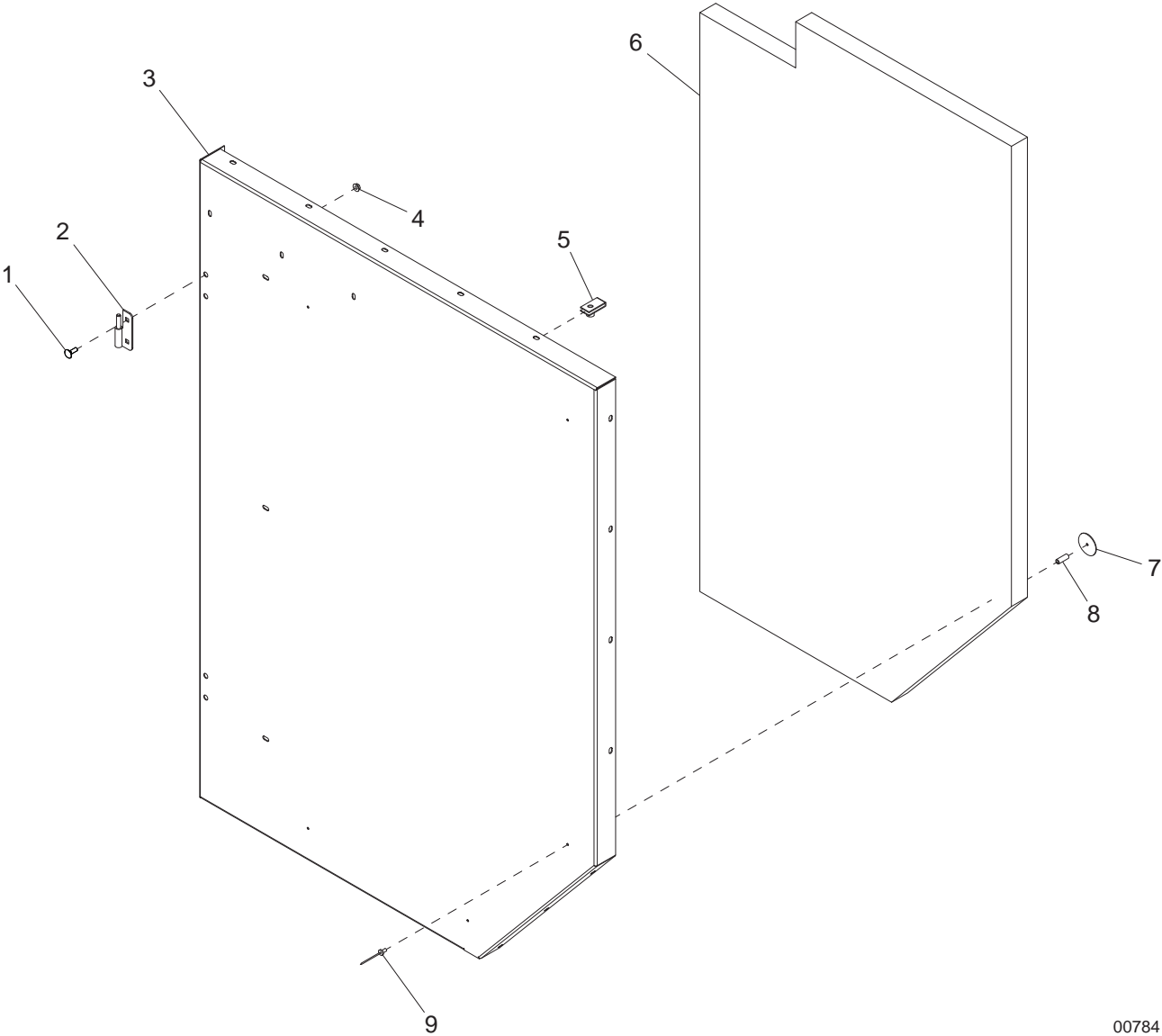


00783

## LEFT FRONT PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	32279	1	Foam, left front	
2	60505	12	Nut, .312-18 U-clip - long type	
3	60095	4	Nut, .312-18 sflg	
4	30124W	1	Panel, left front	
5	61066	4	Screw, .312-18x1.0 carr sqr, SS	
6	18459	2	Hinge, right (male)	
7	61155	5	Rivet, .188 dia. x .438 to .750 grip	
8	32251	5	Spacer, steel .195 ID/.312 ODx.685 long	
9	30847	5	Retainer, foam - .188 hole	
--	31985	1	Assembly, left front panel	Items 1 - 9

**RIGHT FRONT PANEL ASSEMBLY**



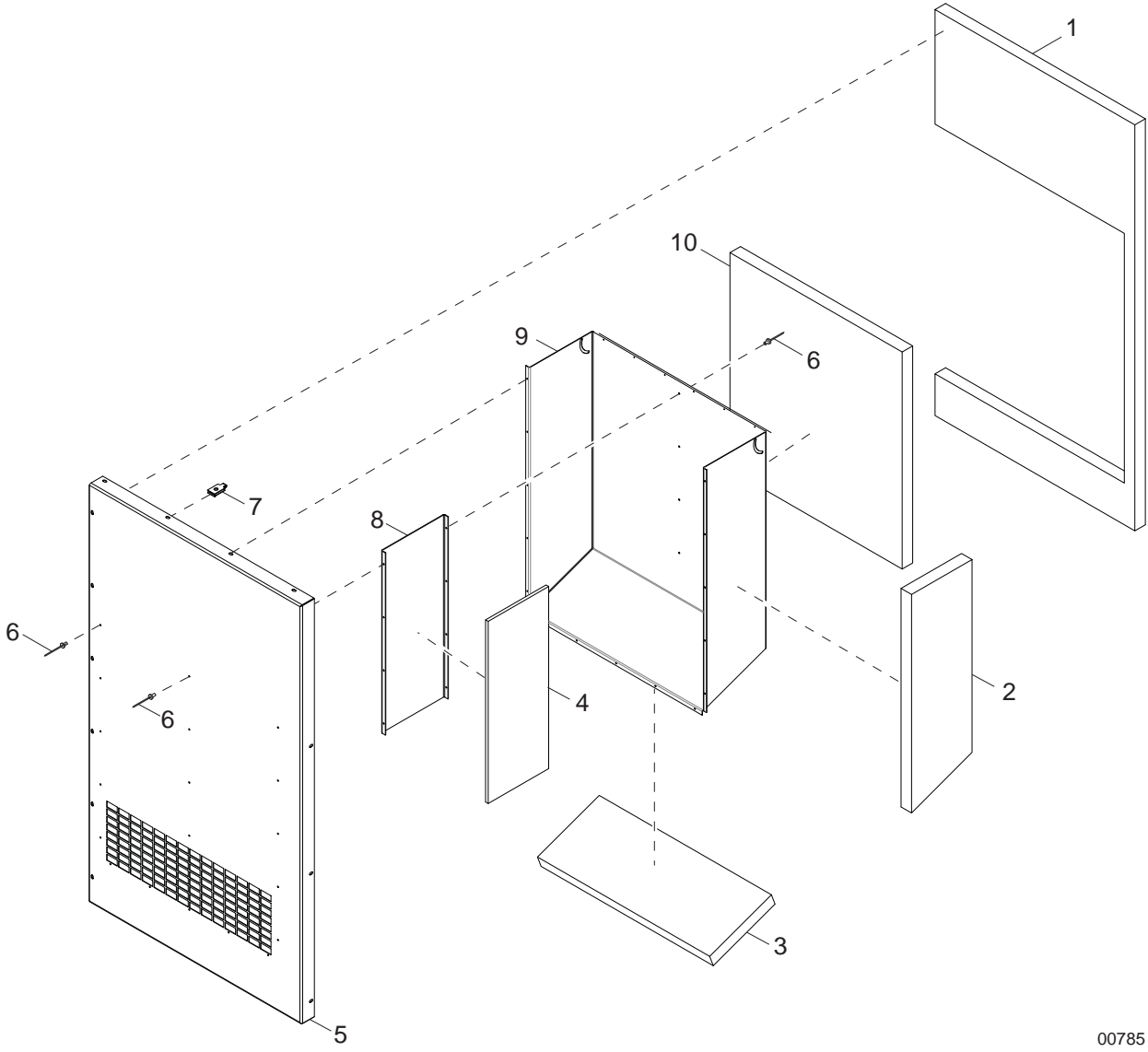
00784



## RIGHT FRONT PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	61066	4	Screw, .312-18x1.0 carr sqr, SS	
2	18461	2	Hinge, left (male)	
3	30123W	1	Panel, right front	
4	60095	4	Nut, .312-18 sflg	
5	60505	12	Nut, .312-18 U-clip - long type	
6	32278	1	Foam, right front	
7	30847	5	Retainer, foam - .188 hole	
8	32251	5	Spacer, steel .195 ID/.312 ODx.685 long	
9	61155	5	Rivet, .188 dia. x .438 to .750 grip	
--	31894	1	Assembly, right front panel	Items 1 - 9

**RIGHT REAR PANEL ASSEMBLY**

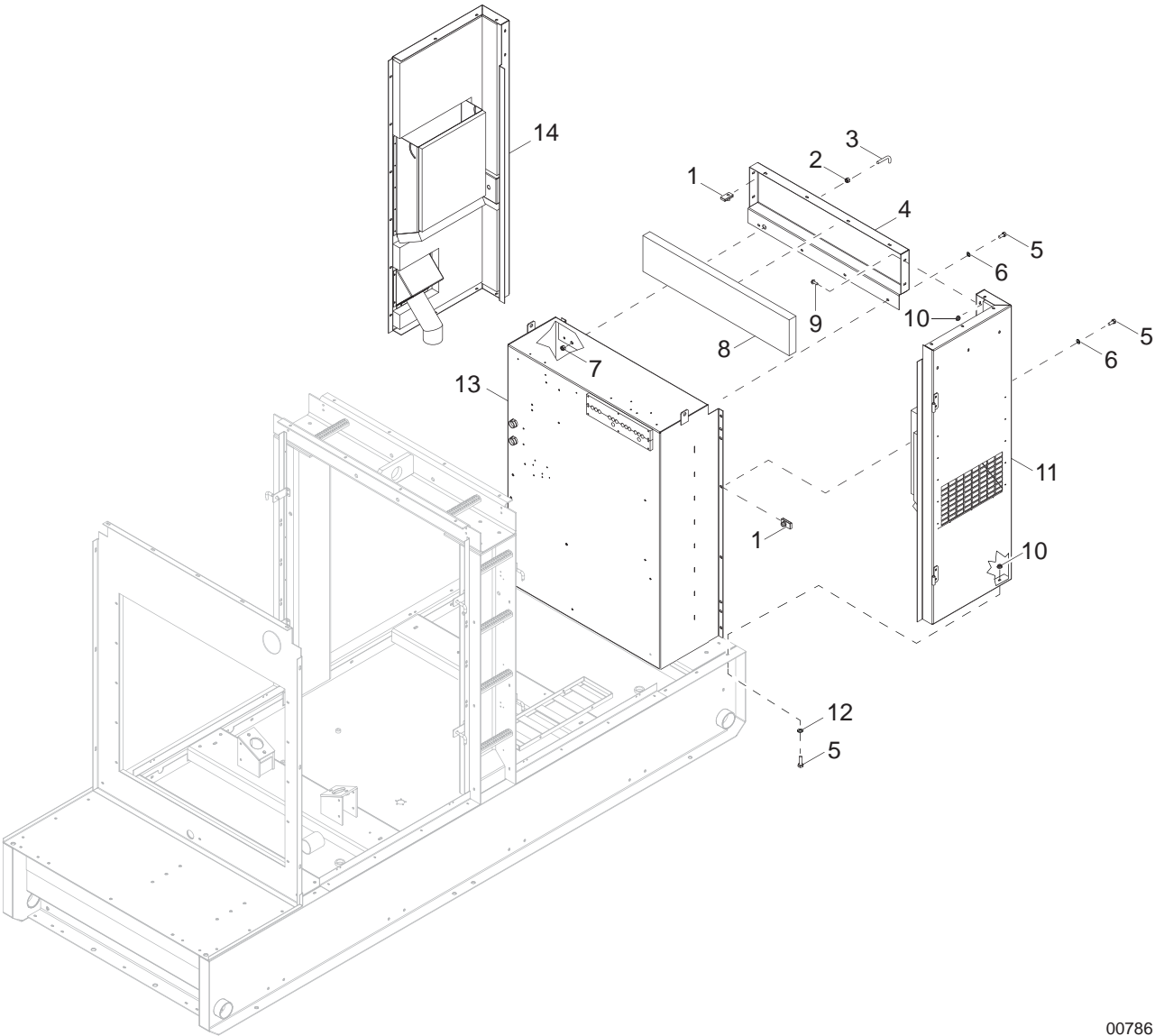


00785

## RIGHT REAR PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	23744	1	Foam, rear right - upper	
2	23740	1	Foam, rear duct - left	
3	23743	1	Foam, rear duct - lower	
4	23745	1	Foam, duct baffle	
5	23859W	1	Panel, rear right	
6	60268	19	Rivet, .188 dia. x .126 to .250 grip, SS	
7	60505	4	Nut, .312-18 U-clip - long type	
8	23722B	1	Panel, duct baffle	
9	23721W	1	Panel, duct - right side	
10	23742	1	Foam, rear duct - face	
--	23913	1	Assembly, right rear panel	Items 1 - 10
--	50197	6 ft	Weatherstripping - .06x1.0	

REAR PANELS AND CONTROL BOX TO UNIT

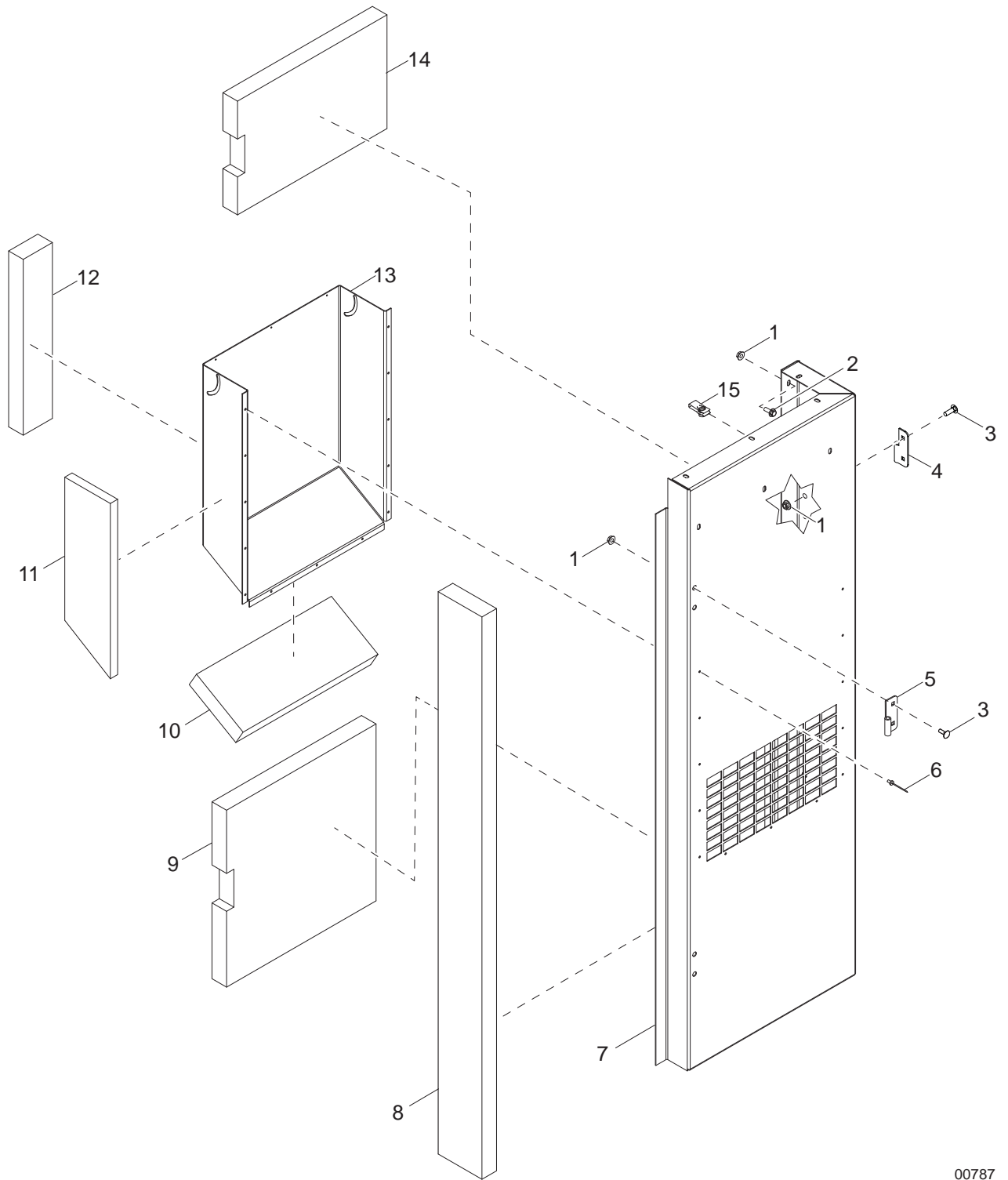


00786

## REAR PANELS AND CONTROL BOX TO UNIT

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60505	4	Nut, .312-18 U-clip - long type	
2	24196	1	Washer, striker pin - int. thrd.	
3	24043ZC	1	Striker, short pin	
4	23668W	1	Panel, rear control box - upper	
5	60507	20	Screw, .312-18x1.0 std hex, SS	
6	60452	12	Washer, .313 flat 1.125/1.0 bonded rubber, SS	
7	24046	1	Nut, striker - .438-14ZP, G8	
8	23746	1	Foam, rear control box - upper	
9	61091	4	Screw, .312-18x1.0 sflg hex, G5	
10	60095	4	Nut, .312-18 sflg	
11	<a href="#">Page 34</a>	1	Assembly, left rear corner	
12	60340	8	Washer, .312 flat .875/.040, SS	
13	<a href="#">Page 38</a>	1	Assembly, control box	
14	<a href="#">Page 36</a>	1	Assembly, right rear corner	

# LEFT REAR CORNER ASSEMBLY

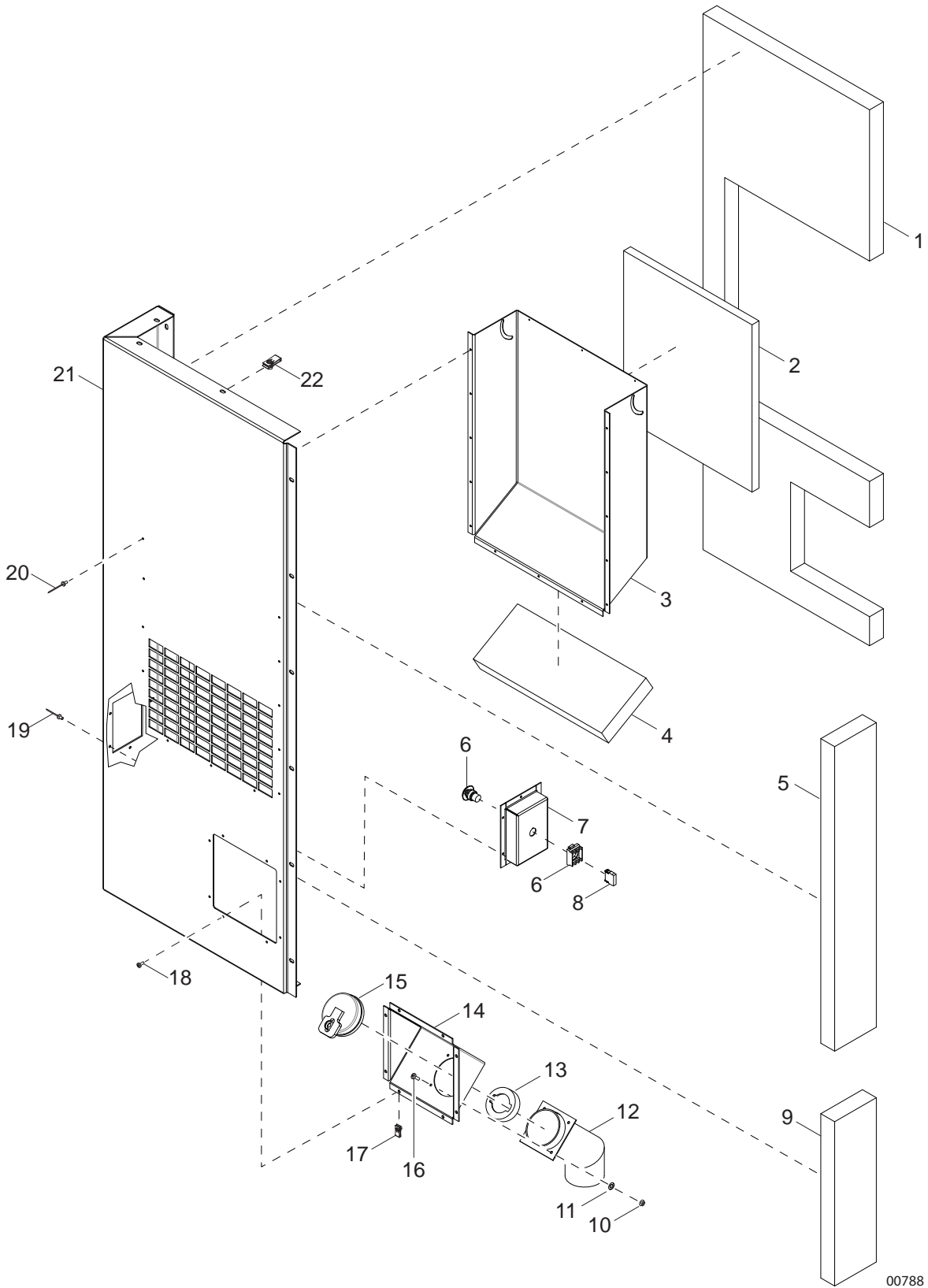


00787

## LEFT REAR CORNER ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60095	10	Nut, .312-18 sflg	
2	61091	2	Screw, .312-18x1.0 sflg hex, G5	
3	61066	8	Screw, .312-18x1.0 carr sqr, SS	
4	18460	2	Hinge, left (female)	
5	18462	2	Hinge, right (female)	
6	60268	13	Rivet, .188 dia. x .126 to .250 grip, SS	
7	23623W	1	Panel, left rear corner	
8	23734	1	Foam, left rear corner - side	
9	23736	1	Foam, left rear - lower	
10	22001	1	Foam, left rear duct - lower	
11	21971	1	Foam, left rear duct - left	
12	23737	1	Foam, left rear duct - face	
13	21900W	1	Duct, rear corner	
14	23735	1	Foam, left rear corner - upper	
15	60505	4	Nut, .312-18 U-clip - long type	
--	23698	1	Assembly, left rear corner	Items 1 - 15
--	50197	6 ft	Weatherstripping - .06x1.0	

# RIGHT REAR CORNER ASSEMBLY



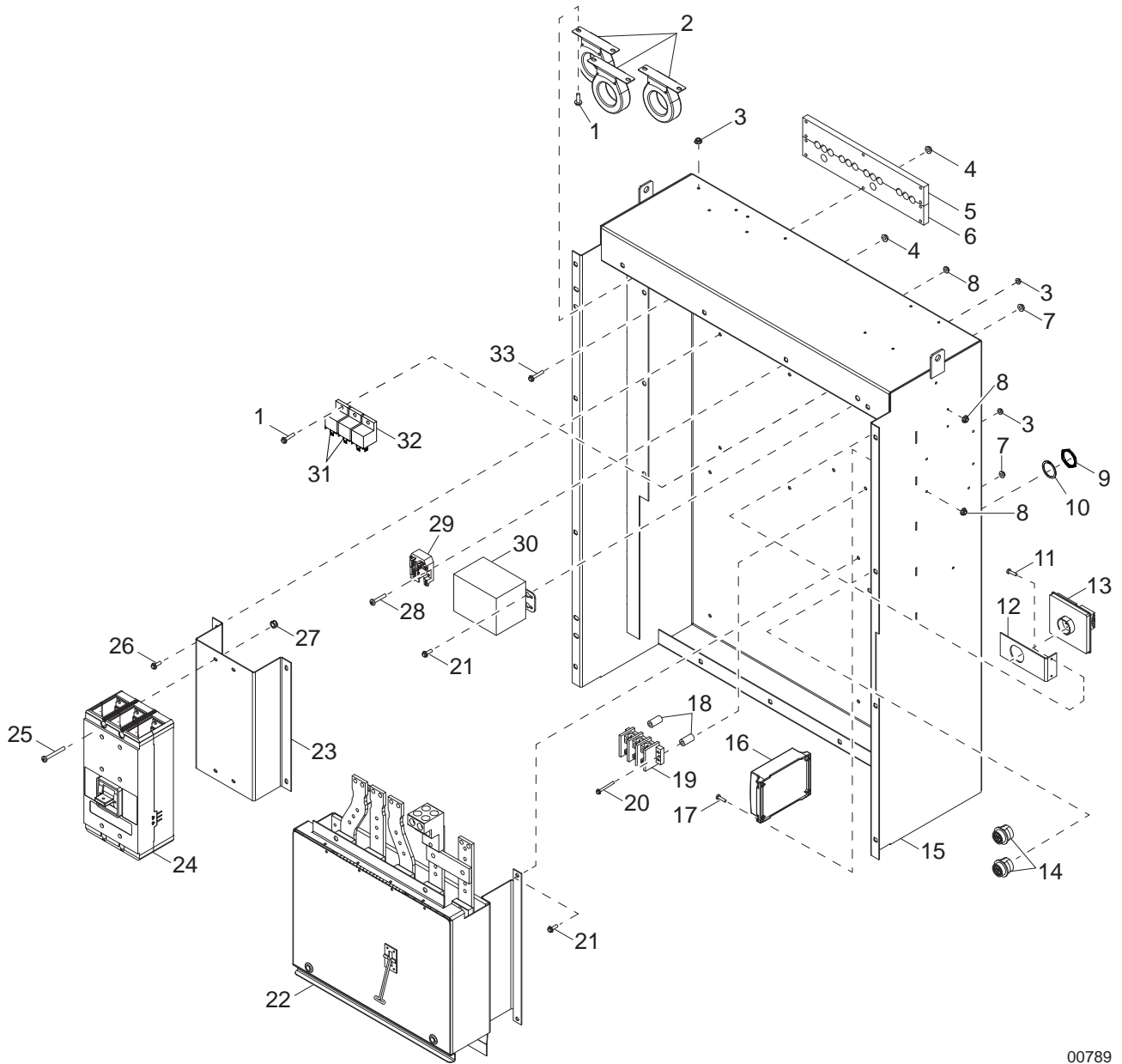
00788



## RIGHT REAR CORNER ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	23917	1	Foam, right rear corner	
2	22000	1	Foam, duct - face	
3	21900W	1	Duct, right rear corner	
4	22001	1	Foam, duct - lower	
5	23738	1	Foam, right rear corner - upper	
6	65470	1	Switch, emergency stop operator	
7	30645	1	Panel, emergency stop	
8	65580	1	Block, emergency stop contactor - NC	
9	23739	1	Foam, right rear corner - lower	
10	60144	4	Nut, .250-20 nylock, G5	
11	60237	4	Washer, #10 flat .495/.036	
12	23710B	1	Weldment, 3.50 fuel fill neck	
13	23830	1	Insert, plastic fuel 3.5 in	
14	23697B	1	Panel, fuel inlet	
15	23707	1	Cap, fuel fill - 3.50	
16	60850	4	Screw, 10-24x.750 pan phil, G2	
17	60730	8	Nut, 8-32 U-clip	
18	60694	8	Screw, 8-32x.750 pan phil, SS	
19	60260	6	Rivet, .188 dia. x .375 to .500 grip, SS	
20	60268	13	Rivet, .188 dia. x .126 to .250 grip, SS	
21	23858W	1	Panel, right rear corner	
22	60505	9	Nut, .312-18 U-clip - long type	
--	36894	1	Assembly, right rear corner	Items 1 - 22

# CONTROL BOX ASSEMBLY (1 OF 2)



00789

## CONTROL BOX ASSEMBLY (1 OF 2)

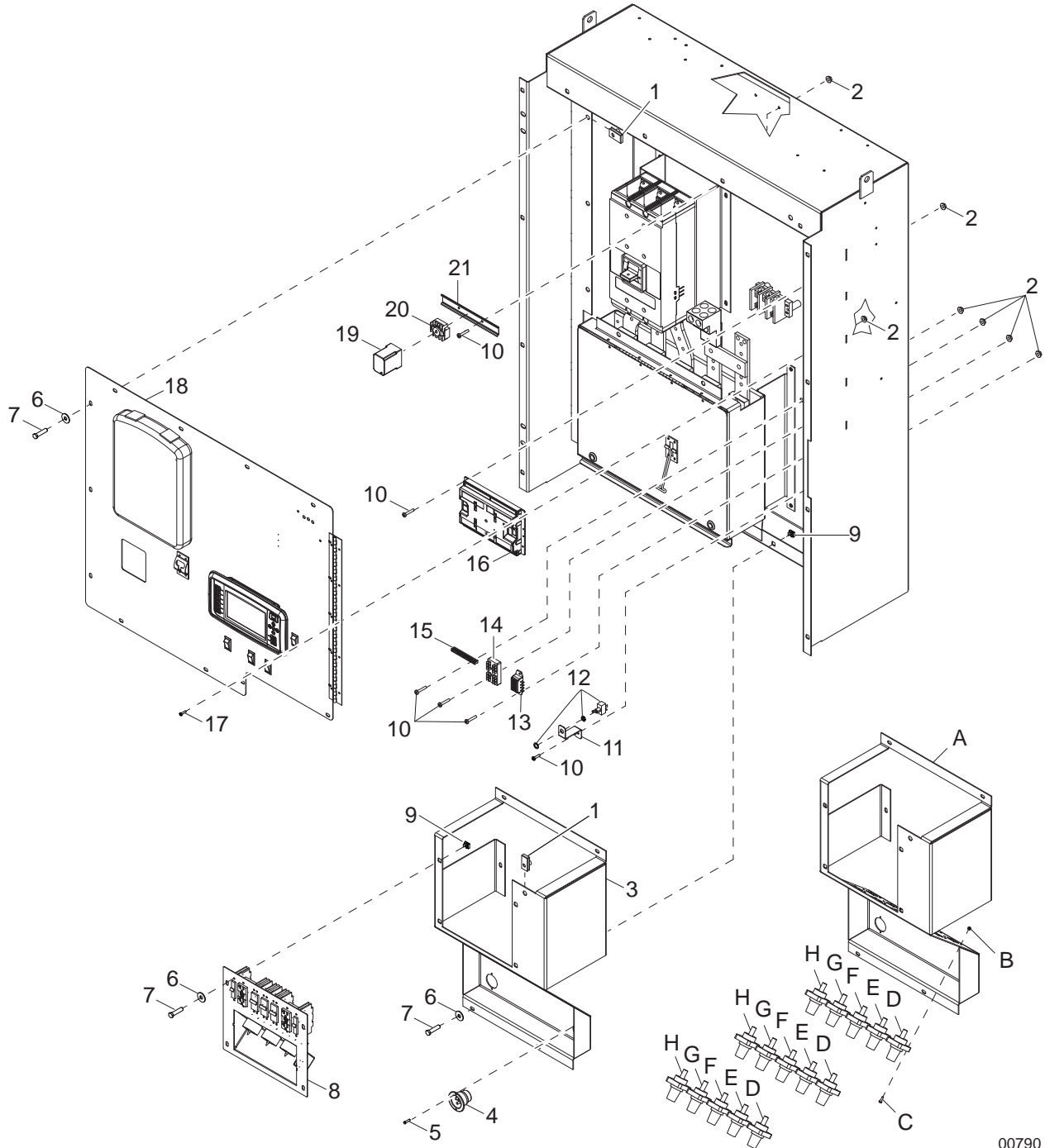
ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60175	9	Screw, .250-20x.500 sflg hex, G5	
2	65557	3	Transformer, current - wire leads (1200:5A)	
3	60161	11	Nut, .250-20 sflg, G5	
4	60095	14	Nut, .312-18 sflg	
5	23843	1	Plate, cable support - upper	
6	23842	1	Plate, cable support - lower	
7	60145	7	Nut, .375-16 sflg, G5	
8	61045	8	Nut, 10-32 sflg	
9	65416	2	Nut, Deutsch HDP series	
10	65417	2	Washer, lock Deutsch HDP series	
11	60398	2	Screw, 10-32x.500 pan phil, SS	
12	34674B	1	Bracket, PM500	
13	36364	1	Regulator, voltage - PM500	
14	65309	2	Connector, Deutsch - 21 pos. receptacle	
15	33463B	1	Weldment, control box	
16	66212	1	Charger, battery, 2 - 5A/1 - 10A, 3 stage, 2 output	
17	60062	4	Screw, 10-32x.750 pan phil, G2	
18	28581	2	Spacer, breaker - 1.5 in. long	
19	65356	1	Block, terminal - 3 pole, Bussman	
20	60479	2	Screw, .250-20x1.0 sflg hex, G5	
21	60517	7	Screw, .375-16x1.0 sflg hex	
22	<a href="#">Page 44</a>	1	Assembly, lug box	
23	33515B	1	Bracket, 1200A breaker	
24	65363	1	Breaker, 1200A - 12-24VDC shunt trip	
25	60143	4	Screw, .250-20x2.0 pan phil, G5	
26	61091	4	Screw, .312-18x1.0 sflg hex, G5	
27	60144	4	Nut, .250-20 nylock, G5	
28	60396	2	Screw, 10-32x1.25 pan phil, G2	
29	65461	1	Relay, 30A DPDT 120VAC power	
30	21487	1	Transformer, 1.13:1 1-phase 500VA (std buck)	
31	66455	1	Relay, 12V 70A NC/80A NO w/diode	
32	65049	2	Relay, 12V 30/40A NO w/diode	
33	60534	10	Screw, .312-18x1.75 sflg hex	
--	24025	1	Wire group - buck transformer	
--	68050	1	Harness, battery charger	
--	67905	1	Wire group - AC cables	
--	22340	1	Fitting, bushing - 1.0 ODx.750 ID	

### OPTIONAL FEATURES

#### *Fuel Filter Heater:*

--	65049	1	Relay, 12V 30/40A NO w/diode
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# CONTROL BOX ASSEMBLY (2 OF 2)



00790

## CONTROL BOX ASSEMBLY (2 OF 2)

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60505	10	Nut, .312-18 U-clip - long type	
2	61045	18	Nut, 10-32 sflg	
3	33615W	1	Panel, without cam lock	
4	65285	1	Receptacle, 120V/15A inlet (Edison)	
5	60364	2	Screw, 10-16x.500 std hex, G2	
6	60452	17	Washer, .313 flat 1.125/1.0 bonded rubber, SS	
7	60507	17	Screw, .312-18x1.0 std hex, SS	
8	<a href="#">Page 50</a>	1	Assembly, receptacle panel	
9	15425	6	Nut, .312-18 cage	
10	60062	13	Screw, 10-32x.750 pan phil, G2	
11	32734ZY	1	Bracket, ECU power switch	
12	25077	1	Switch, toggle - SPST 20A VAC	
13	66991	1	Fuse holder, 4 bank, ATO/ATC push-on	
14	66992	1	Block, terminal - 4x6 push-on	
15	14204	1	Kit, ground bar	
16	67088	1	Controller, eng/gen - programmed	
17	60398	5	Screw, 10-32x.500 pan phil, SS	
18	<a href="#">Page 42</a>	1	Assembly, control panel	
19	66340	1	Relay, voltage sensing (132V in, 126V out)	
20	65646	1	Base, relay - 11 pos	
21	65673	1	Rail, din - 35mm x 9.0 in.	
--	67038	1	Harness, control box	
--	67128	1	Wire group - extensions	

### OPTIONAL FEATURES

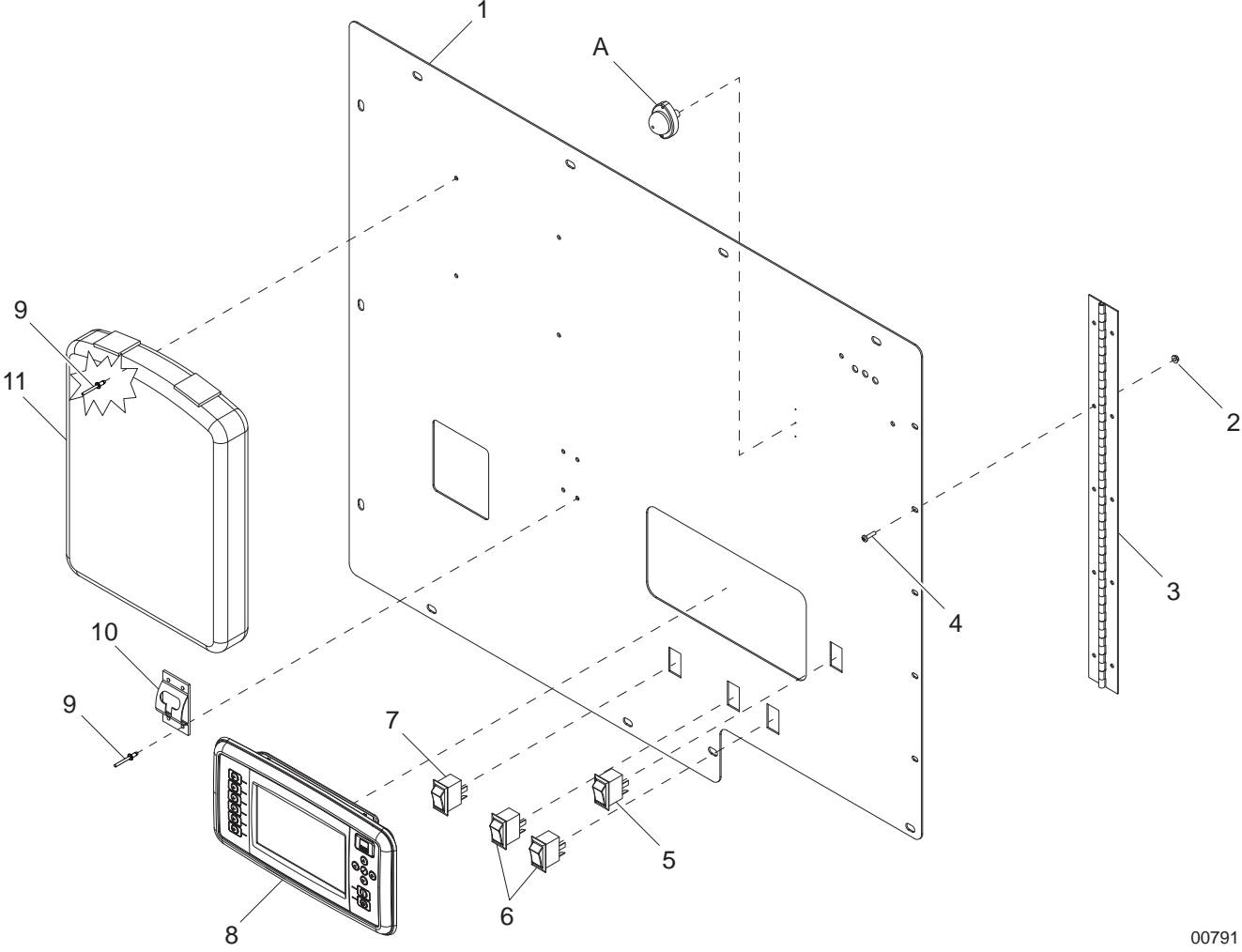
#### *Extended Run Tank:*

--	34483	1	Controller, eng/gen - programmed
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#### Cam Locks:

A	33473W	1	Panel, cam lock
B	60061	60	Nut, 10-32 nylock
C	60062	60	Screw, 10-32x.750 pan phil, G2
D	66041	3	Connector, cam lock female, 400A - green
E	66040	3	Connector, cam lock female, 400A - white
F	65553	3	Connector, cam lock female, 400A - blue
G	65552	3	Connector, cam lock female, 400A - red
H	65551	3	Connector, cam lock female, 400A - black
--	33585	5	Bus, cam lock
--	66791	3	Cover, cam lock - red
--	66792	3	Cover, cam lock - black
--	66793	3	Cover, cam lock - white
--	66794	3	Cover, cam lock - green
--	66795	3	Cover, cam lock - blue
--	67180	1	Wire group - cam locks

# CONTROL PANEL ASSEMBLY



00791

## CONTROL PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	33575W	1	Panel, control	
2	61045	5	Nut, 10-32 sflg	
3	27953	1	Hinge, continuous - 23 in	
4	60398	5	Screw, 10-32x.500 pan phil, SS	
5	66995	1	Switch, rocker - on/off	
6	34439	2	Plug, panel switch - 1.91x.96	
7	66996	1	Switch, rocker - on/off/(on)	
8	33157	1	Display, 7 in. DSE	
9	60268	8	Rivet, .188 dia. x .126 to .250 grip, SS	
10	60652	1	Latch, door - spring loaded keeper	
11	24540	1	Holder, manual (plastic)	
--	16143	2	Clamp, tubing - .500 in	

### OPTIONAL FEATURES

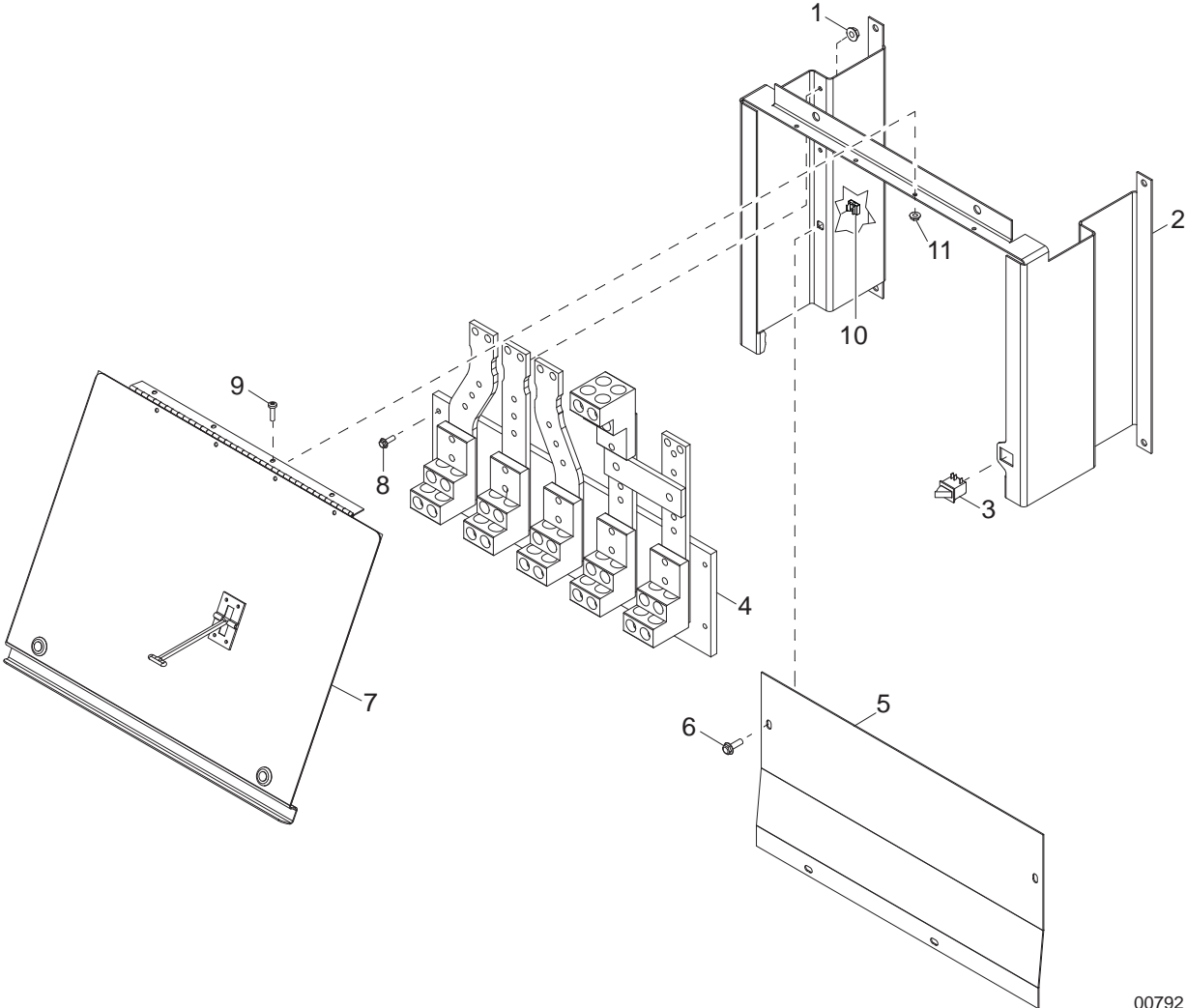
#### *Control Panel Light:*

A	23025	1	Light, control panel
--	66995	1	Switch, rocker - on/off

#### *Interior Light:*

--	66995	1	Switch, rocker - on/off
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# LUG BOX ASSEMBLY



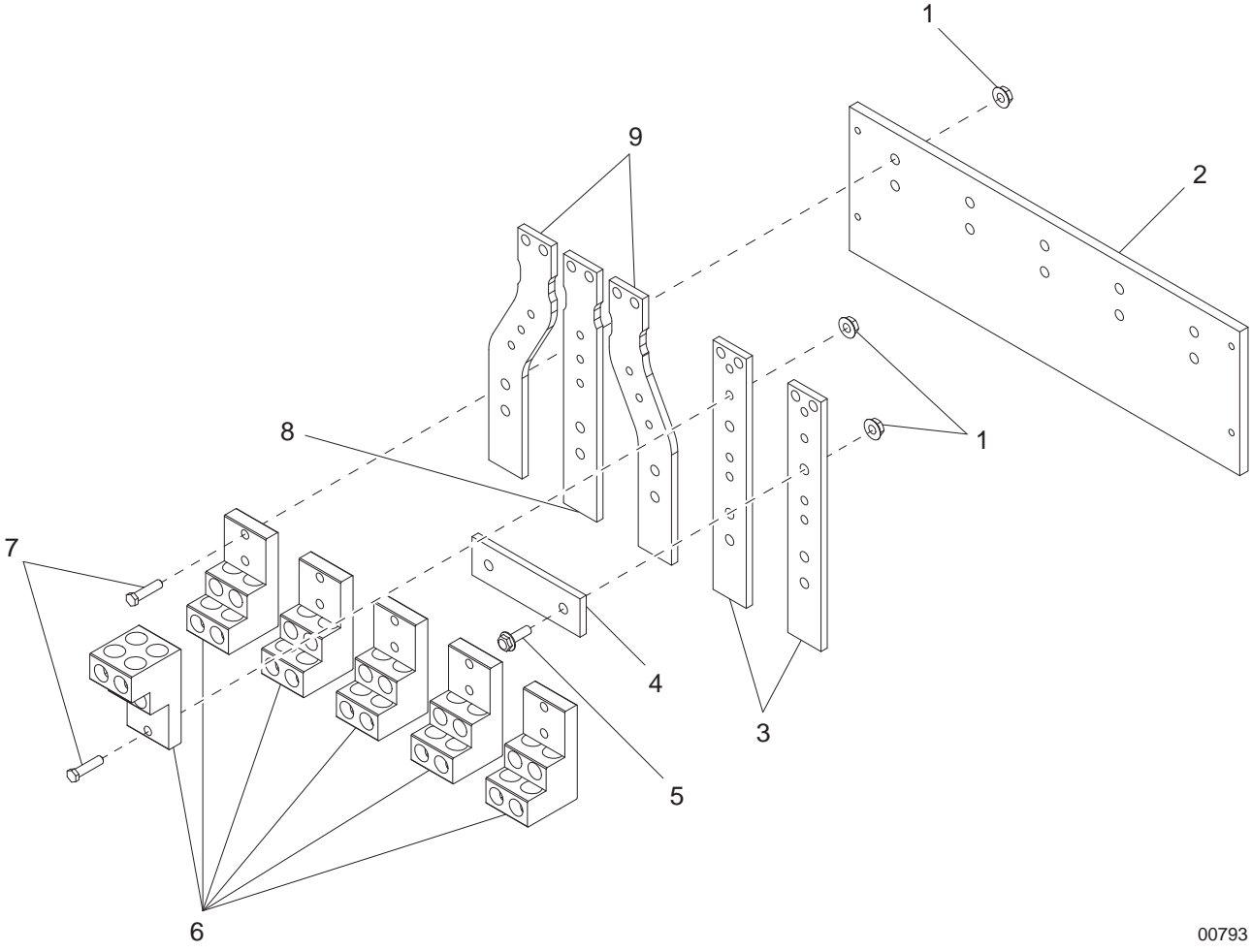
00792



## LUG BOX ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60161	4	Nut, .250-20 sflg, G5	
2	33512W	1	Enclosure, lug box	
3	12632	1	Switch, trigger safety - NO & NC	
4	<a href="#">Page 46</a>	1	Assembly, lug plate	
5	33577W	1	Panel, lug box bottom	
6	61091	2	Screw, .312-18x1.0 sflg hex, G5	
7	<a href="#">Page 48</a>	1	Assembly, lug box door	
8	60175	4	Screw, .250-20x.500 sflg hex, G5	
9	60398	4	Screw, 10-32x.500 pan phil, SS	
10	15425	2	Nut, .312-18 cage	
11	61045	4	Nut, 10-32 sflg	

# LUG PLATE ASSEMBLY

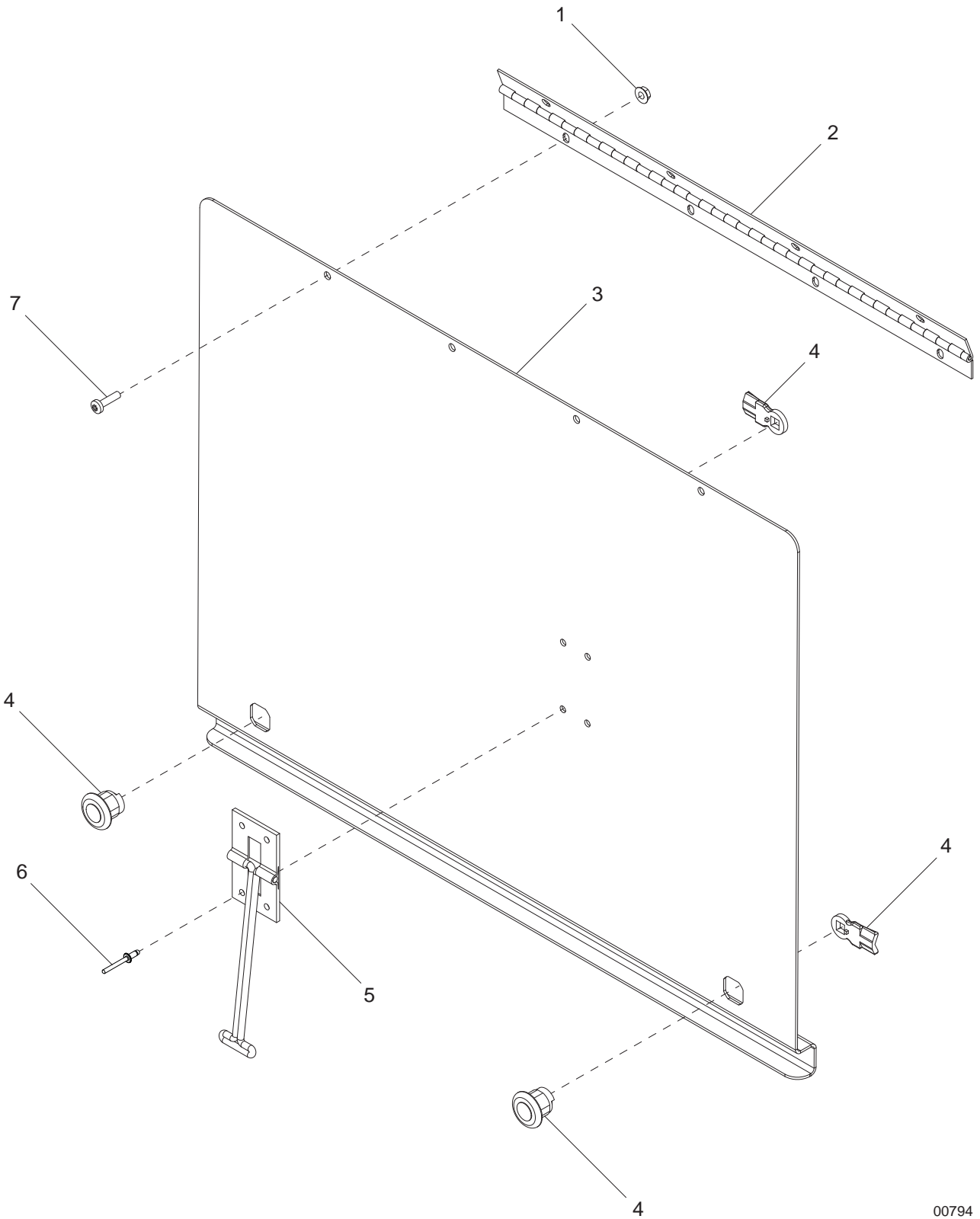


00793

## LUG PLATE ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60145	14	Nut, .375-16 sflg, G5	
2	33465	1	Panel, lug box glastic	
3	33487	2	Bus, lug extension bus bar	
4	33697	1	Bus, link bus bar	
5	60517	2	Screw, .375-16x1.0 sflg hex	
6	65303	6	Lug, terminal quad - 2 hole	
7	60478	12	Screw, .375-16x2.0 std hex, G5	
8	33696	1	Bus, center bus bar	
9	33486	2	Bus, outside bus bar	

# LUG BOX DOOR ASSEMBLY

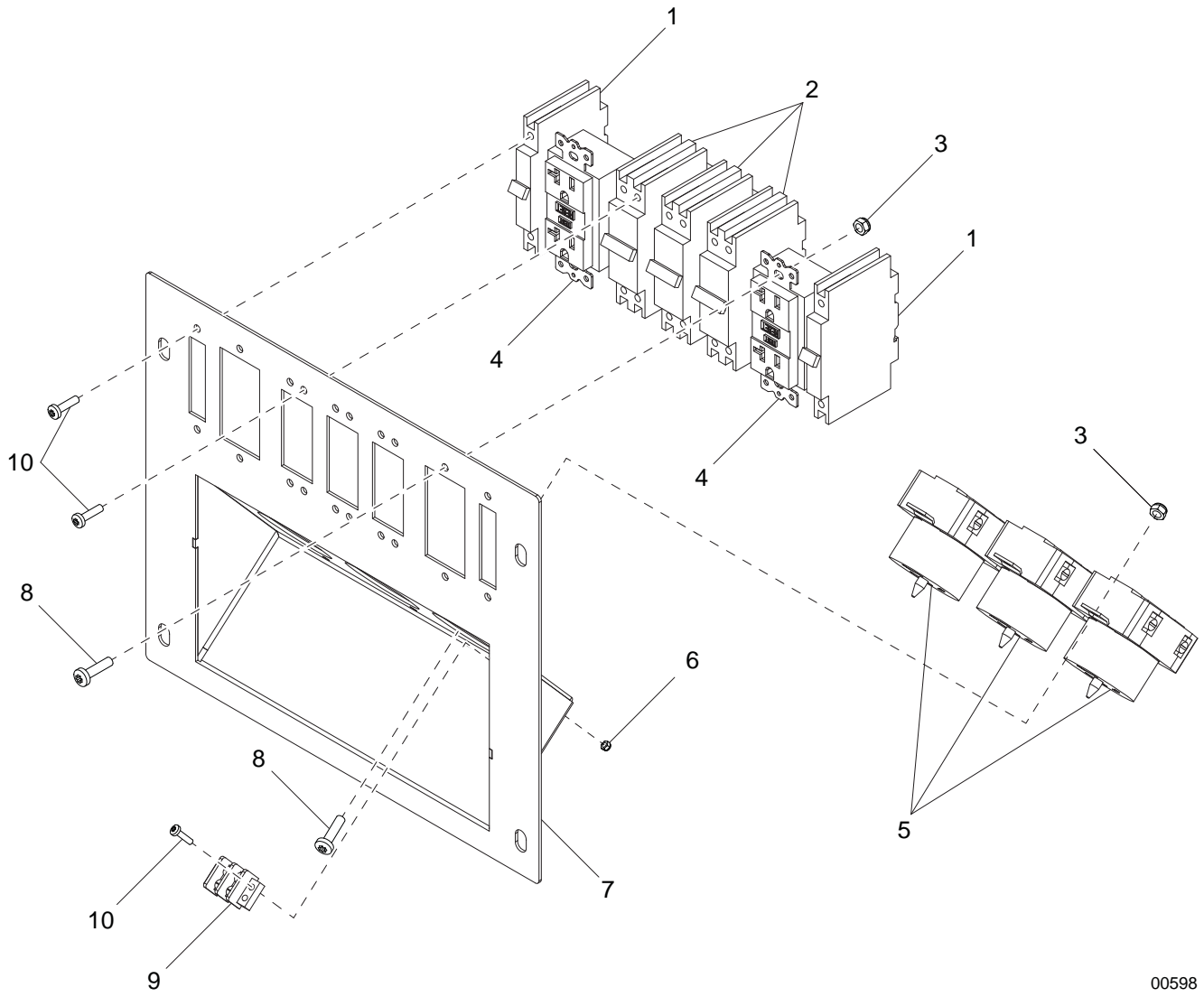


00794

## LUG BOX DOOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	61045	4	Nut, 10-32 sflg	
2	24583	1	Hinge, piano - 18.75 w/offset holes	
3	33475W	1	Panel, lug box door	
4	20762	2	Lock, door - 1/4 turn cam	
5	60652	1	Latch, door - spring loaded keeper	
6	60268	4	Rivet, .188 dia. x .126 to .250 grip, SS	
7	60398	4	Screw, 10-32x.500 pan phil, SS	

# RECEPTACLE PANEL ASSEMBLY

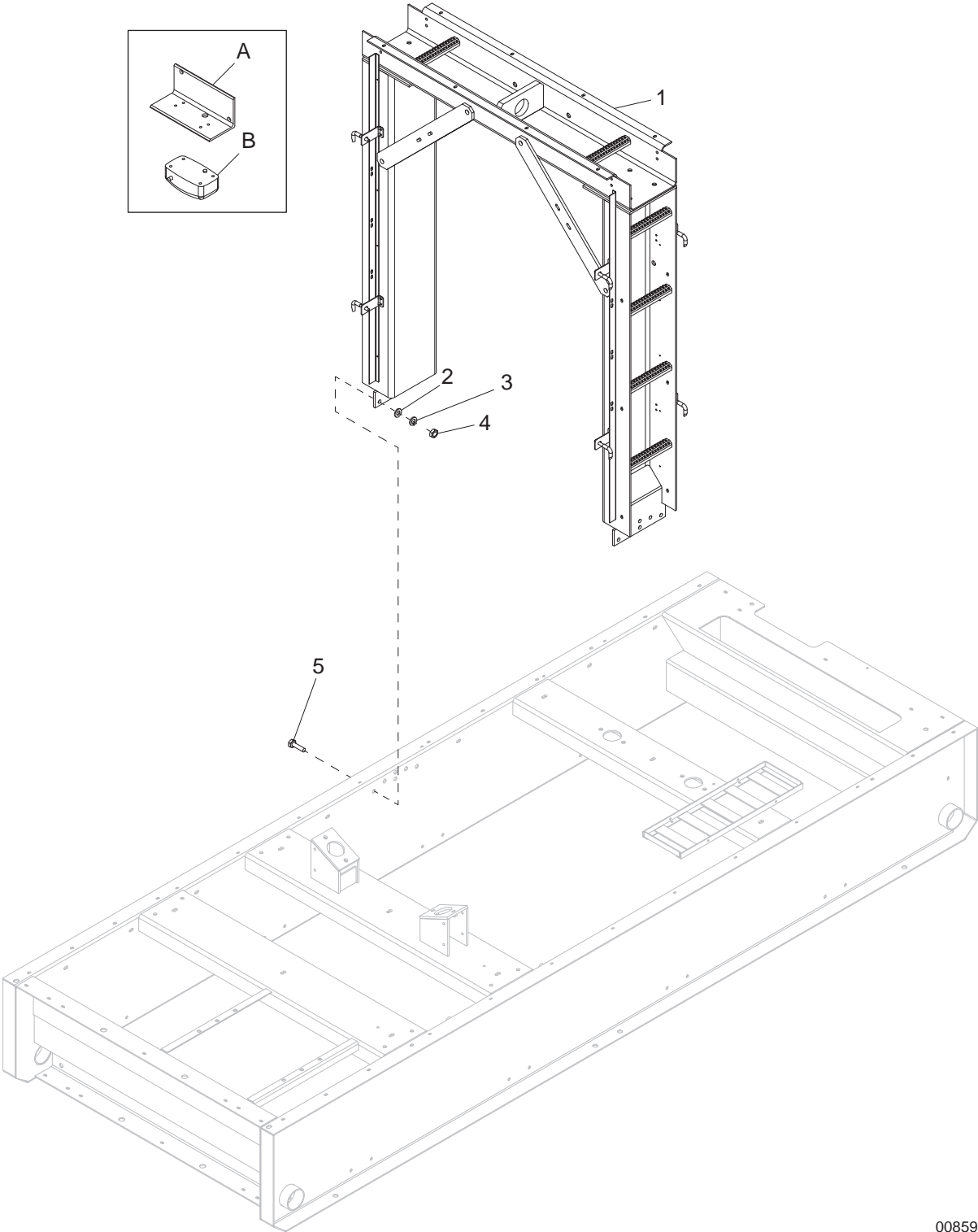


00598

## RECEPTACLE PANEL ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	18091	2	Breaker, 20A/240V, 1-pole	
2	18092	3	Breaker, 50A/240V, 2-pole	
3	60061	10	Nut, 10-32 nylock	
4	14130	2	Receptacle, 120V/20A GFI	
5	18089	3	Receptacle, 240V/50A twist-lock	
6	60728	2	Nut, 6-32 nylock, G5	
7	33531W	1	Weldment, receptacle panel	
8	60648	10	Screw, 10-32x.500 pan phil, thread forming	
9	18890	1	Block, terminal - 2 pos	
10	60046	18	Screw, 6-32x.750 pan phil, G2	
--	67885	1	Wire group - receptacle	

LIFT STRUCTURE TO SKID ASSEMBLY



00859



## LIFT STRUCTURE TO SKID ASSEMBLY

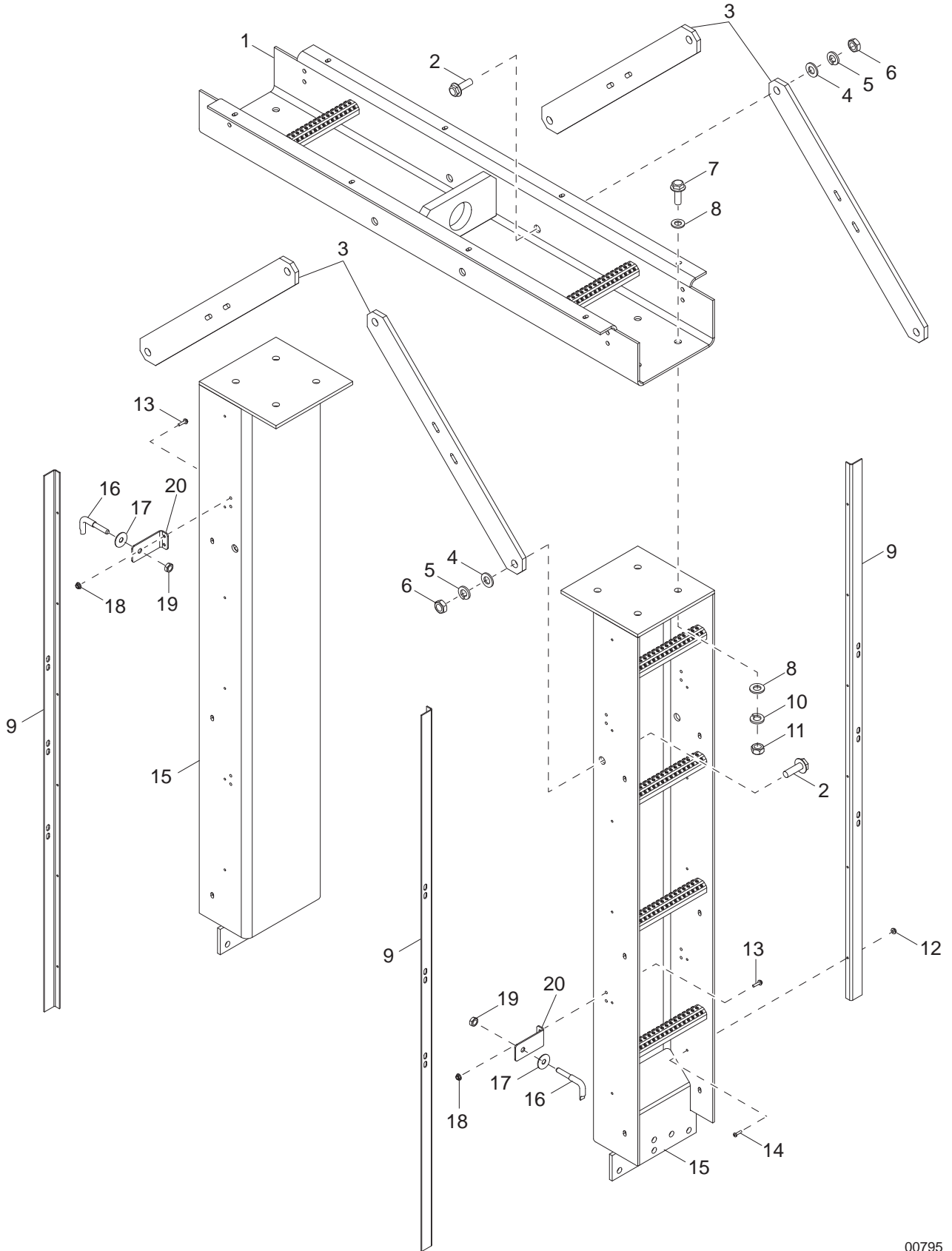
ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	<a href="#">Page 54</a>	1	Assembly, lift structure	
2	60521	12	Washer, .625 flat 1.743/.108	
3	60194	12	Washer, .M16 split lock	
4	60520	12	Nut, .625-11 hex, G8	
5	61078	12	Screw, .625-11x2.0 flg hex, G8	

### OPTIONAL FEATURES

#### *Interior Light:*

A	24546B	2	Bracket, interior light
B	11947	2	Light, interior w/switch

# LIFT STRUCTURE ASSEMBLY

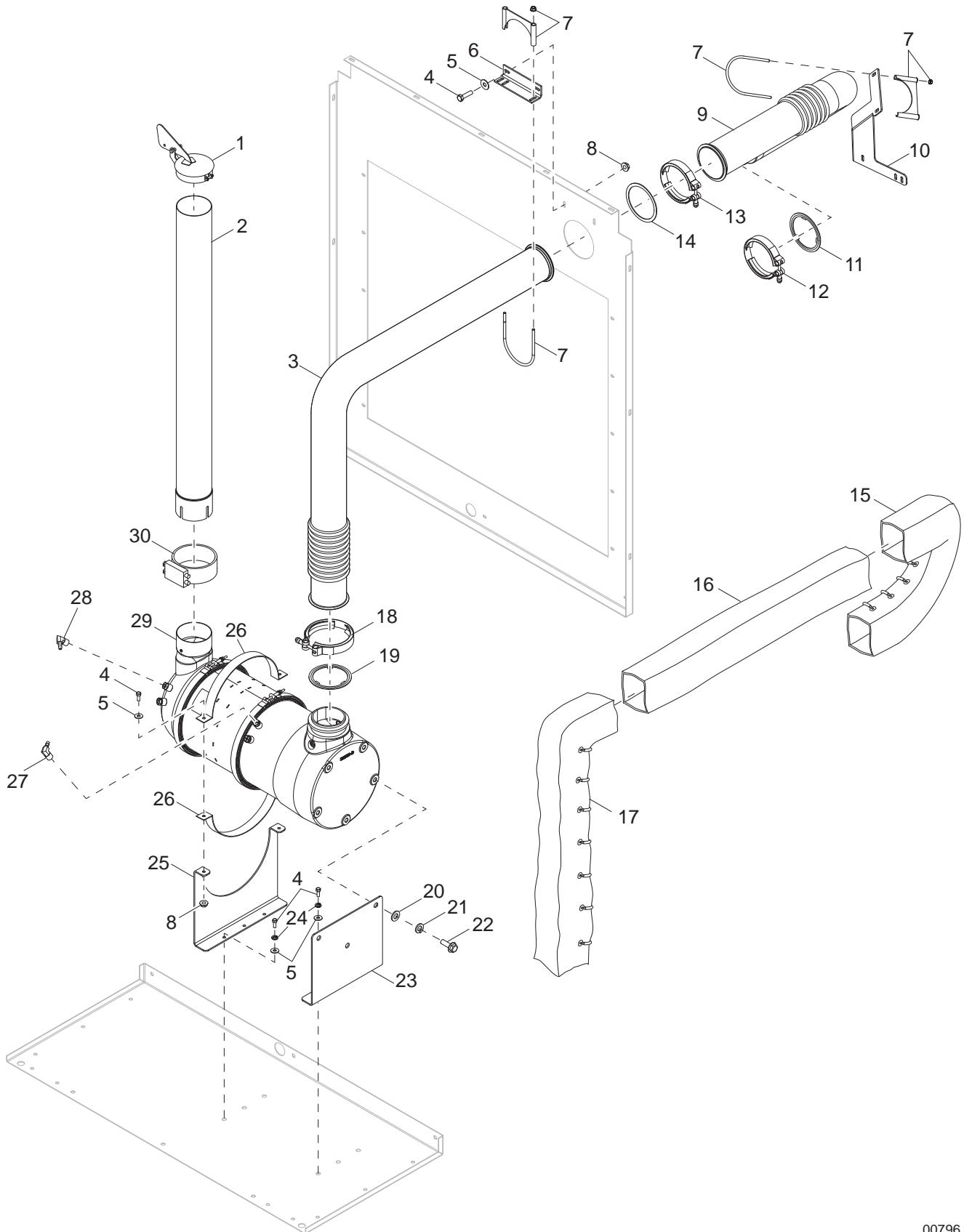


00795

## LIFT STRUCTURE ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	23464B	1	Weldment, lift structure	
2	63111	8	Screw, .750-10x2.25 flg hex, G8	
3	23611B	4	Plate, gusset	
4	60081	8	Washer, M20 flat	
5	60248	8	Washer, .750 split lock	
6	60249	8	Nut, .750-10 hex, G8	
7	61078	8	Screw, .625-11x2.0 sflg	
8	60521	16	Washer, .625 flat 1.743/.108	
9	23632B	3	Bracket, lift structure - door side	
10	60194	8	Washer, M16 split lock	
11	60520	8	Nut, .625-11 hex, G8	
12	61045	18	Nut, 10-32 sflg	
13	60479	12	Screw, .250-20x1.0 sflg	
14	60062	18	Screw, 10-32x.750 pan phil, G2	
15	23609B	2	Weldment, lift channel - upright	
16	23896ZC	6	Pin, striker - long	
17	24196	6	Washer, striker pin - internal threaded	
18	60161	12	Nut, .250-20 sflg	
19	24046	8	Striker nut, .438-14ZP, G8	
20	23897ZC	6	Bracket, striker pin	
--	23612	1	Assembly, lift structure	Items 1 - 20

# EXHAUST SYSTEM ASSEMBLY

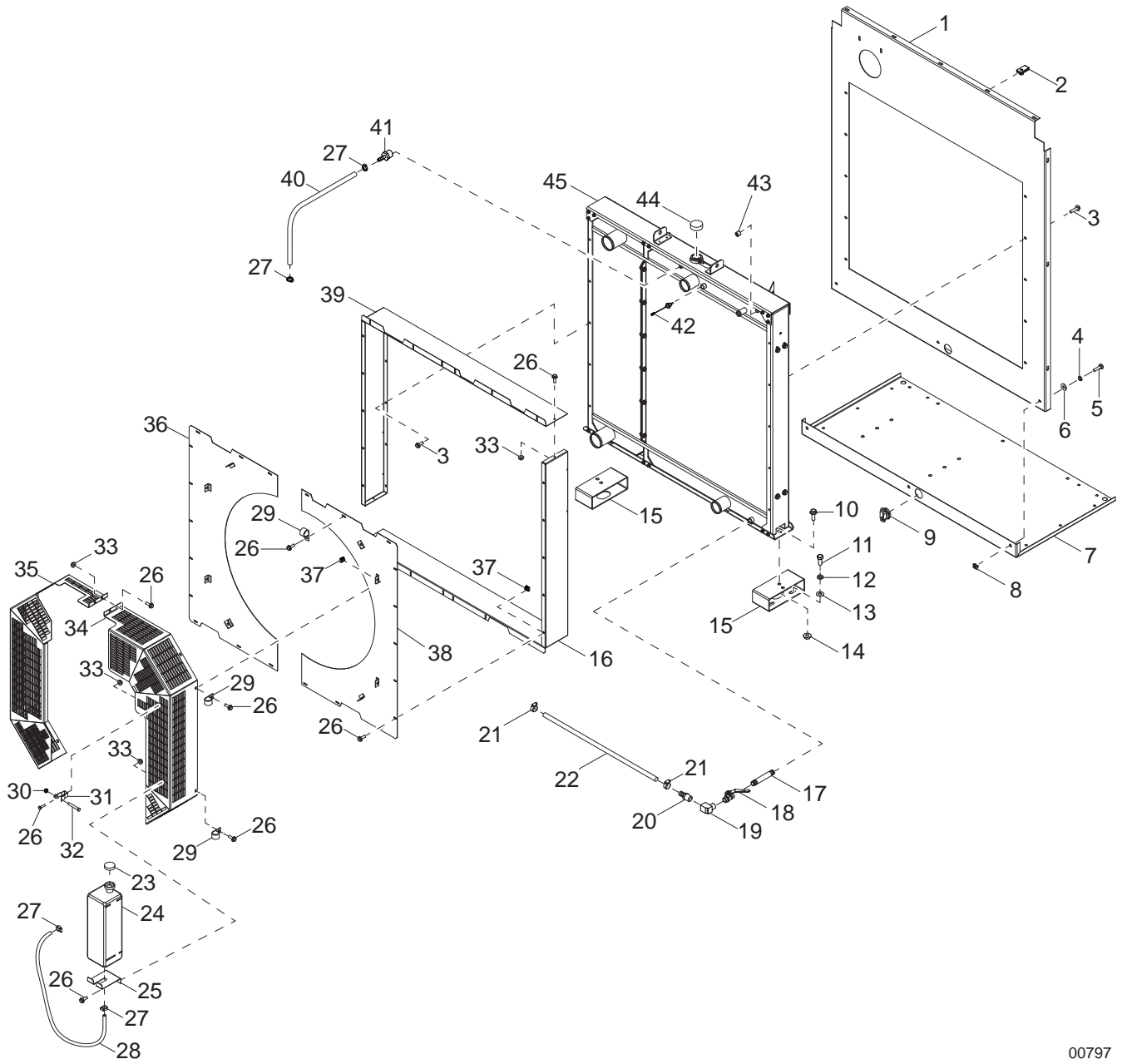


00796

## EXHAUST SYSTEM ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	21096	1	Cap, rain - 5.00	
2	30079	1	Pipe, exhaust - up	
3	30069	1	Exhaust pipe assy, filter inlet	
4	60507	8	Screw, .312-18x1.0 std hex, SS	
5	60340	8	Washer, .312 flat .875/.040, SS	
6	33008B	1	Bracket, muffler support	
7	27117	2	Clamp, muffler - 5.00	
8	60095	4	Nut, .312-18 sflg	
9	30064	1	Exhaust pipe assembly, turbo outlet	
10	32342B	1	Bracket, exhaust pipe support	
11	33197	1	Seal, turbo outlet - 5.0	
12	18820	1	Clamp, V-band - 4.33 ID/.207 SC	
13	21425	1	Clamp, V-band - 5.88 ID/.400 SC width	
14	33195	1	Gasket, 5.0 exhaust pipe flange	
15	33196	1	Blanket, exhaust - engine	
16	33177	1	Blanket, exhaust - engine	
17	33178	1	Blanket, exhaust - DPF	
18	32794	1	Clamp, V-band - 5.69 ID	
19	33231	1	Gasket, 5.0 exhaust DPF flange	
20	60126	3	Washer, M16 flat	
21	60194	3	Washer, M16 split lock	
22	60489	3	Screw, M16-2.00x40 std hex, G10.9	
23	30080B	1	End plate, muffler support	
24	60701	4	Washer, .312 split lock, SS	
25	30087B	1	Plate, muffler strap support	
26	30088B	2	Hanger, 13 in. dia. pipe	
27	63159	1	Fitting, 90° elbow - 37° flare, .375	
28	63160	1	Fitting, 90° elbow - 37° flare, .500	
29	--	1	Filter, exhaust - size 6 RI/RO	Contact John Deere Service Center for replacement
30	23765	1	Clamp, muffler - 5.00 wide band, SS	
--	50691	--	Sealant, gasket - liquid	Replacement for items 14 & 19, if desired
--	66817	1	Wire group - DPF harness	

# COOLING SYSTEM ASSEMBLY

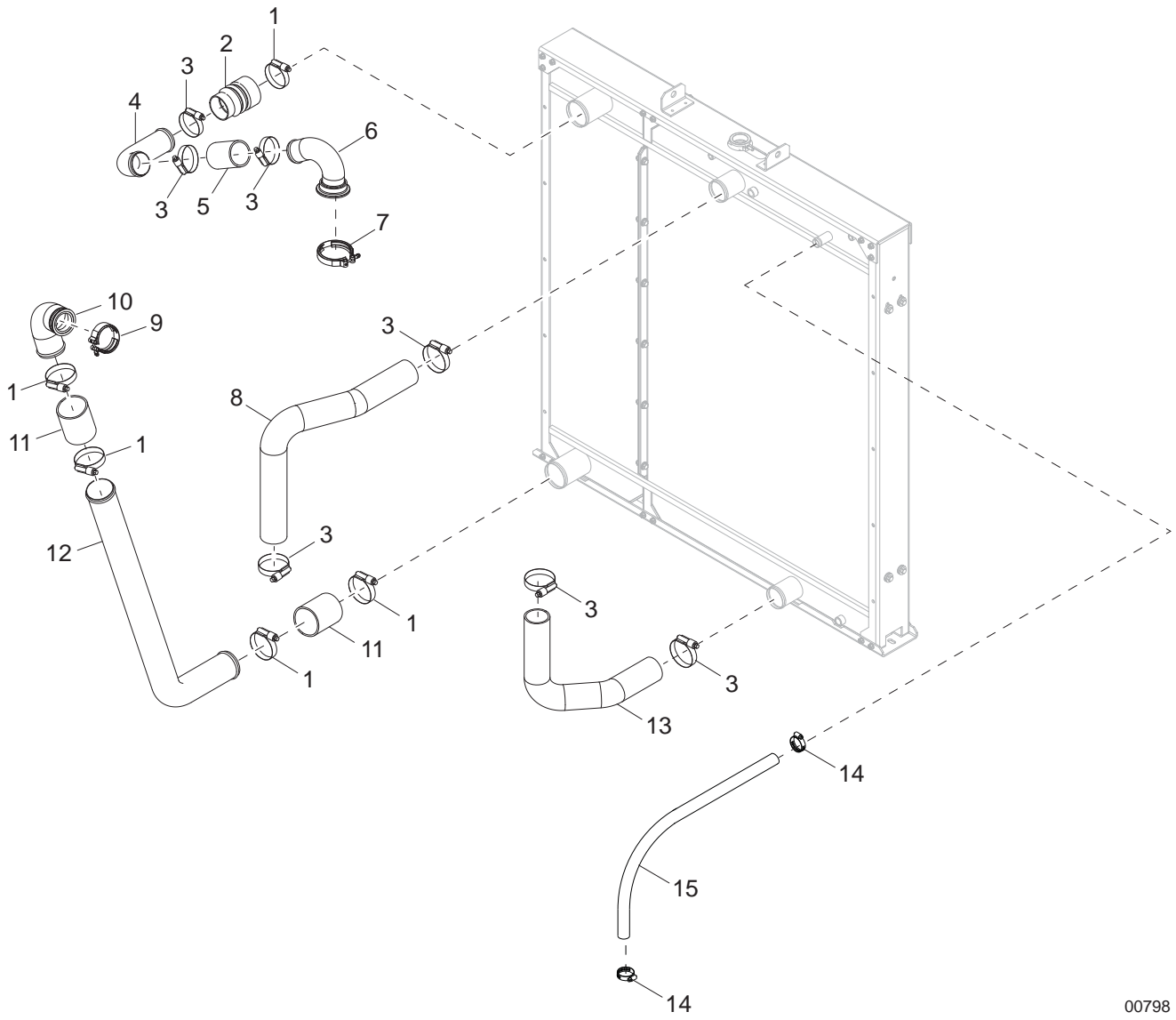


00797

## COOLING SYSTEM ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	32089B	1	Panel, bulkhead	
2	60505	11	Nut, .312-18 U-clip - long type	
3	61091	20	Screw, .312-18x1.0 sflg hex, G5	
4	60701	3	Washer, .312 split lock, SS	
5	60507	3	Screw, .312-18x1.0 std hex, SS	
6	60340	3	Washer, .312 flat .875/.040, SS	
7	30089B	1	Panel, bulkhead - lower	
8	15425	3	Nut, .312-18 cage	
9	65239	1	Strain relief - 1.50 Romex w/nut	
10	60517	2	Screw, .375-16x1.0 sflg hex	
11	60323	4	Screw, .375-16x1.50 std hex, G8	
12	60206	4	Washer, .375 split lock	
13	60729	4	Washer, .375 fender 1.50/.090	
14	60145	2	Nut, .375-16 sflg, G5	
15	30084B	2	Mount, radiator	
16	30066B	1	Shroud, radiator - right	
17	23820	1	Fitting, nipple, pipe - .500NPTx5.0	
18	19279	1	Valve, ball - .500NPTF	
19	22462	1	Fitting, 90° - .500FNPTx.500FNPT, brass	
20	60502	1	Fitting, strt - .500MNPTx.625 barb, brass	
21	60365	2	Clamp, hose - SAE 010 (.56-1.06)	
22	50201	2.5 ft	Hose, .625, 200psi, class A	
23	19714	1	Cap, overflow jug	
24	20212	1	Jug, overflow	
25	20213B	1	Support, overflow jug	
26	60175	36	Screw, .250-20x.500 sflg hex, G5	
27	14216	4	Clamp, hose - SAE 004 (.21-.62) miniature	
28	50018	3 ft	Hose, fuel - .312 D, 50 psi, SAE 30R7	
29	16143	3	Clamp, tubing - .500	
30	60144	1	Nut, .250-20 nylock, G5	
31	19726	1	Clamp, overflow jug	
32	60518	1	Screw, .250-20x1.50 std hex, G5	
33	60161	18	Nut, .250-20 sflg, G5	
34	30075B	1	Guard, fan - right	
35	30076B	1	Guard, fan - left	
36	30071B	1	Weldment, fan shroud - left	
37	15424	18	Nut, .250-20 cage, G5	
38	30070B	1	Weldment, fan shroud - right	
39	30067B	1	Shroud, radiator - left	
40	50018	3 ft	Hose, fuel - .312 D, 50 psi, SAE 30R7	
41	60999	1	Fitting, strt - .500MNPTx.312 barb, brass	
42	30942	1	Assembly, low coolant switch/harness	
43	18394	1	Fitting, plug - .500NPT x internal hex	
44	33219	1	Cap, radiator pressure - 18psi	
45	29772	1	Radiator w/CAC	

# COOLING SYSTEM HOSES



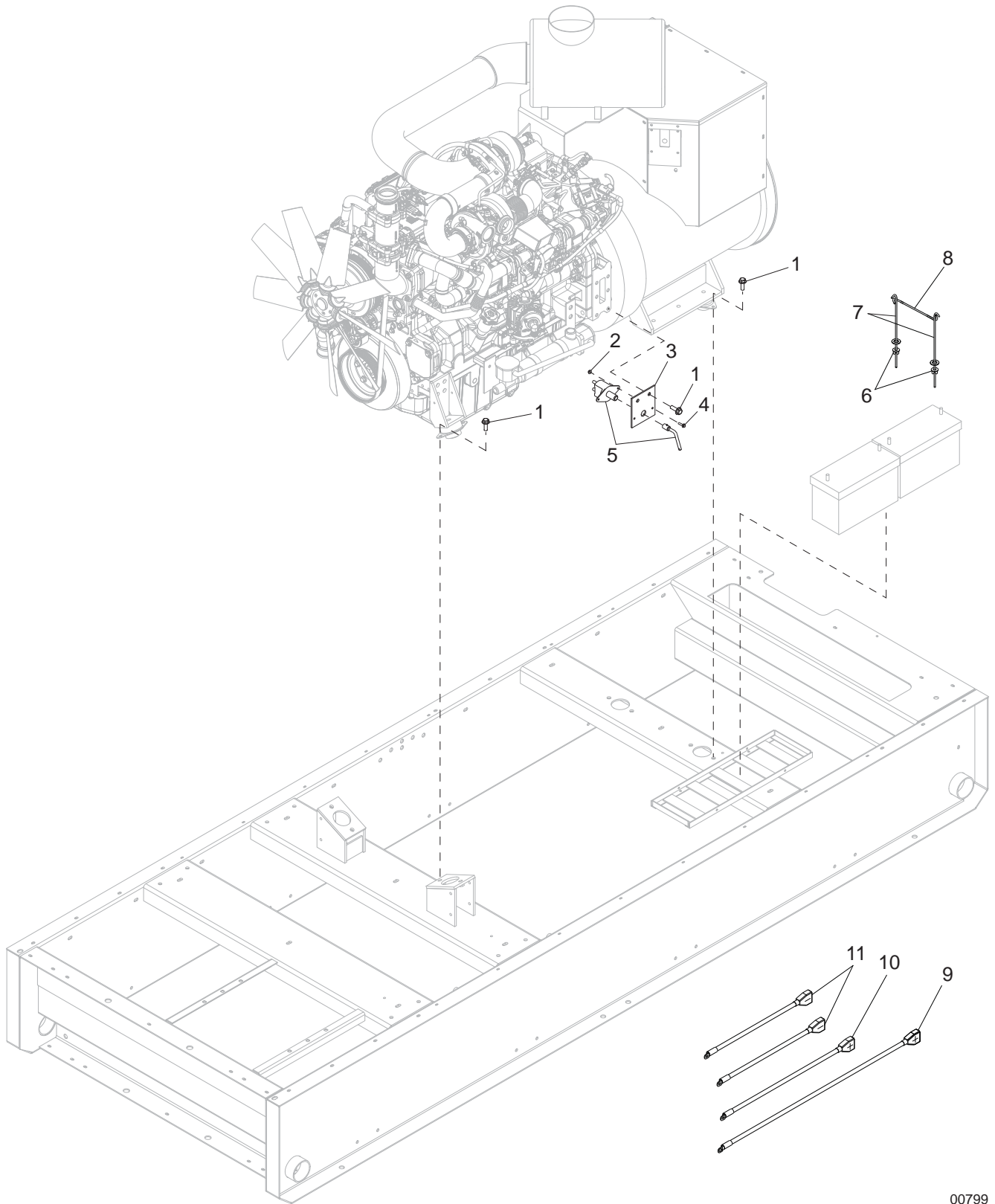
00798



## COOLING SYSTEM HOSES

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60664	5	Clamp, hose - const. torque 2.75-3.625	
2	22447	1	Hose, CAC - 2.50-3.00x5.5	
3	60666	7	Clamp, hose - const. torque 2.25-3.125	
4	32836	1	Pipe, CAC inlet	
5	28541	1	Hose, CAC - 2.50x4.00 in. long	
6	32837	1	Pipe, CAC inlet weldment	
7	27468	1	Clamp, V-band - 13.5L	
8	970692	1	Hose, radiator - upper	
9	63205	1	Clamp, V-band - 3.50	
10	32937	1	Pipe, turbo outlet weldment	
11	32929	2	Hose, CAC - 3.00x4.00	
12	32938	1	Pipe, turbo outlet	
13	970693	1	Hose, radiator - lower	
14	19338	2	Clamp, hose - SAE 016 (.68-1.50)	
15	50169	3 ft	Hose, 1.0 in., class A	

# ENGINE AND GENERATOR TO SKID ASSEMBLY

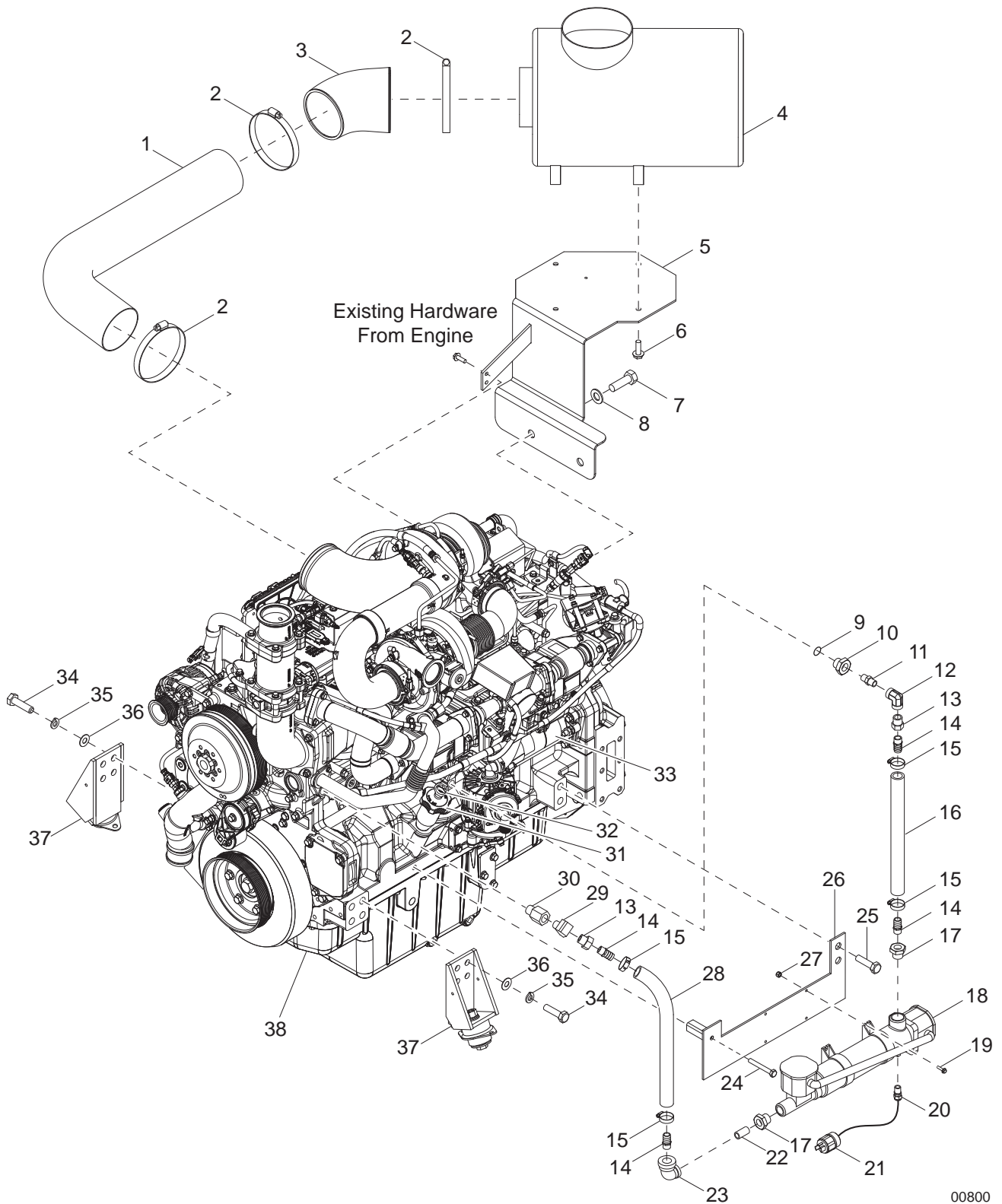


00799

## ENGINE AND GENERATOR TO SKID ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60072	10	Screw, M12-1.75x25 sflg hex, G10.9	
2	60161	2	Nut, .250-20 sflg, G5	
3	23847B	1	Plate, battery disconnect	
4	60523	2	Screw, .250-20x.875 sflg hex	
5	21489	1	Battery disconnect switch, 500A cont	
6	60090	4	Nut, .250-20 wing	
7	14146	4	Bolt, J - .250-20x10.00	
8	14682	2	Bracket, battery hold-down	
9	23814	1	Cable, battery - 54 in. 2/0 red, 1/2 in. lug	
10	18693	1	Cable, battery - 38 in. 2/0 red, 1/2 in. lug	
11	23815	2	Cable, battery - 32 in. 2/0 black, 1/2 in. lug	
--	66058	1	Harness, wire - battery disconnect	

# ENGINE ASSEMBLY - LEFT SIDE



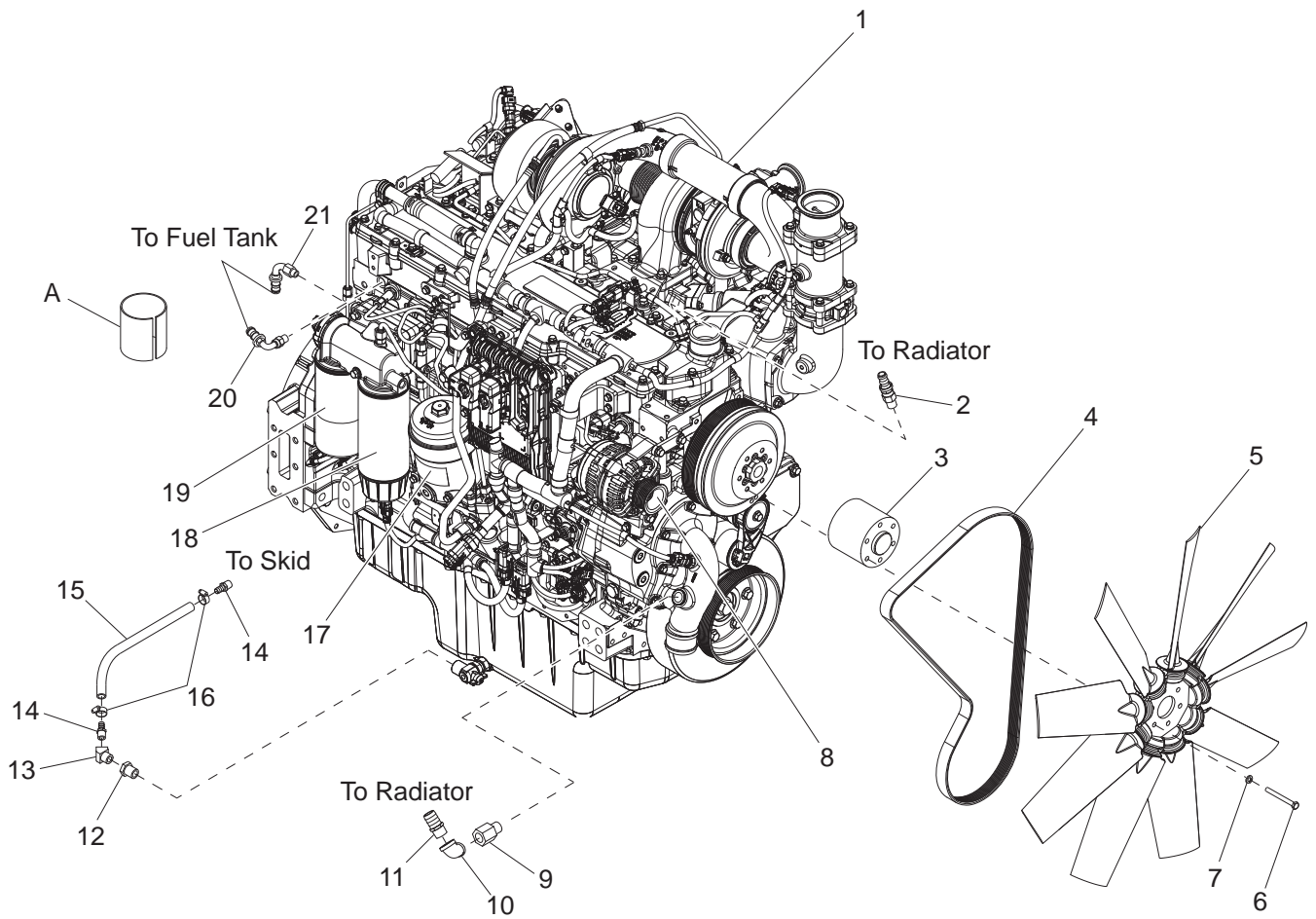
00800

## ENGINE ASSEMBLY - LEFT SIDE

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	30061	1	Pipe, air filter outlet	
2	21757	3	Clamp, hose - SAE 104 (4.125-7.00)	
3	32566	1	Elbow, 45° 6.0 - 5.0 ID	Molded rubber
4	29963	1	Filter, air	
5	31891B	1	Weldment, air filter bracket	
6	60018	4	Screw, M10-1.25x20 sflg hex	
7	62074	2	Screw, M20-2.50x40 std hex, G10.9	
8	60081	2	Washer, M20 flat	
9	22589	1	O-ring, 1.625 in	
10	22588	1	Fitting, strt - 1.625 O-ring seal	
11	19257	1	Fitting, strt - .500MNPTxM18	
12	22462	1	Fitting, 90° - .500FNPTx.500FNPT, brass	
13	22461	2	Fitting, strt - .500MNPTx.750FNPT, brass	
14	25496	4	Fitting, strt - .750MNPTx1.00 barb, brass	
15	19338	4	Clamp, hose - SAE 016 (.68-1.50)	
16	50019	1.75 ft	Hose, fuel - 1.00 SAE 20R3	
17	24006	2	Fitting, strt - 1.00 MNPTx.750FNPT	
18	28407	1	Heater, coolant - 120V/2500W	
19	60850	4	Screw, 10-24x.750 pan phil, G2	
20	15864	1	Strain relief - .50NPT .270/.464 ID	
21	65618	1	Plug, 120V/30A twist-lock, male 2-pole	
22	25089	1	Fitting, nipple, pipe - .750NPT x close	
23	25495	1	Fitting, 90° - .750NPT	
24	62083	1	Screw, M10-1.50x90 std hex, G10.9	
25	60489	2	Screw, M16-2.00x40 std hex, G10.9	
26	32798B	1	Weldment, coolant heater bracket	
27	60457	4	Nut, 10-24 nylock, G2	
28	50019	1.91 ft	Hose, fuel - 1.00 SAE 20R3	
29	61040	1	Fitting, 45° - .500MNPTx.500FNPT, brass	
30	19307	1	Fitting, strt - .500FNPTxM22x1.50	
31	33073	1	Cap, oil fill	
32	33074	1	Dipstick	
33	33018	1	Starter	
34	62158	8	Screw, M16-2.00x60 std hex, G10.9	
35	60194	8	Washer, M16 split lock	
36	60193	8	Washer, M16 flat	
37	<a href="#">Page 68</a>	2	Assembly, engine mount	
38	29643	1	Engine, John Deere 6090HFG95 Tier IV	

**Note:** Engine and generator parts used in all Magnum Power Products LLC equipment carry the Original Equipment Manufacturer (OEM) warranty unless otherwise stated. OEM warranty parts must be purchased through an OEM dealer. Please contact Magnum Power Products LLC with questions.

# ENGINE ASSEMBLY - RIGHT SIDE



00801

## ENGINE ASSEMBLY - RIGHT SIDE

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	29643	1	Engine, John Deere 6090HFG95 Tier IV	
2	23817	1	Fitting, strt - .375ORFSx.375 barb	
3	32785	1	Spacer, fan	
4	33017	1	Belt, fan	
5	33166	1	Fan, 34.00 in	
6	63274	6	Screw, M10-1.5x120 std hex, G8.8	
7	60206	6	Washer, .375 split lock	
8	33019	1	Alternator	
9	31021	1	Fitting, strt - .500FNPTxM27x2.0	
10	--	1	Fitting, 45° - .500MNPTx.750FNPT	
11	25496	1	Fitting, strt - .750MNPTx1.0 barb, brass	
12	61161	1	Fitting, bushing - .750MNPTx.50FNPT, brass	
13	61040	1	Fitting, 45° - .500MNPTx.500FNPT, brass	
14	60502	2	Fitting, strt - .500MNPTx.625 barb, brass	
15	50201	4 ft	Hose, .625, 200 psi, class A	
16	60365	2	Clamp, hose - SAE 010 (.56-1.06)	
17	23818	1	Filter, oil	
18	33020	1	Filter, fuel - primary	
19	27616	1	Filter, fuel - secondary	
20	27583	1	Fitting, 90° - .375ORFSx.500 barb	
21	27584	1	Fitting, 90° - .500ORFSx.500 barb	
--	33075	1	Thermostat	

### OPTIONAL FEATURES

#### Fuel Filter Heater:

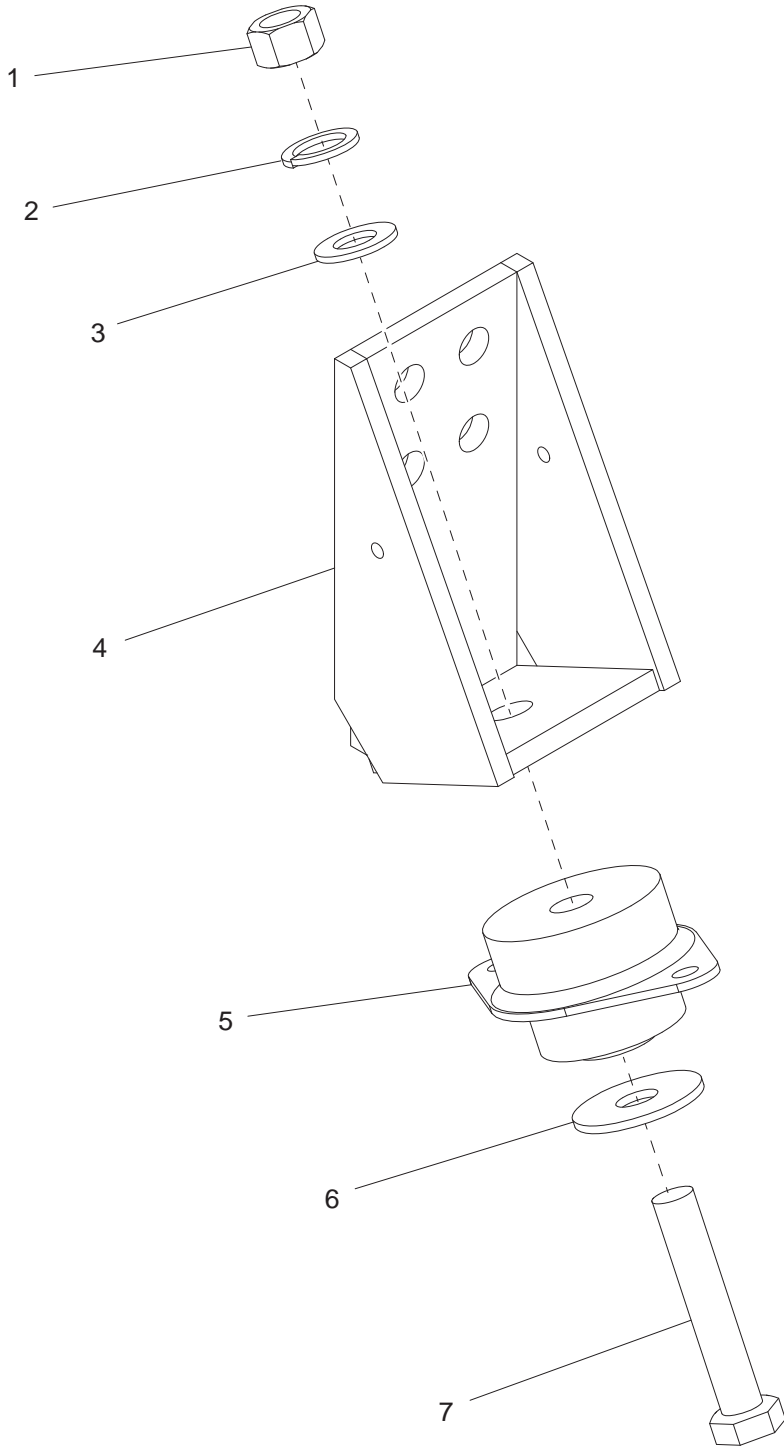
A	29811	1	Heater, fuel filter	
--	66811	1	Harness, fuel filter heater - outside	
--	66809	1	Harness, fuel filter heater	

#### Clutched Fan:

--	33179	1	Fan, 34 in. clutch	
--	34049	1	Hub, fan clutch mount	
--	30465	1	Clutch, fan - for 32 in. fan	
--	30885	6	Screw, M10-1.50x60 soc head, G10.9	To attach hub (34049)
--	60026	6	Washer, M10 split lock	To attach hub (34049)
--	60165	6	Screw, M8-1.25x16 std hex, G10.9	To attach fan (33179)
--	60029	6	Washer, M8 split lock	To attach fan (33179)

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# ENGINE MOUNT ASSEMBLY



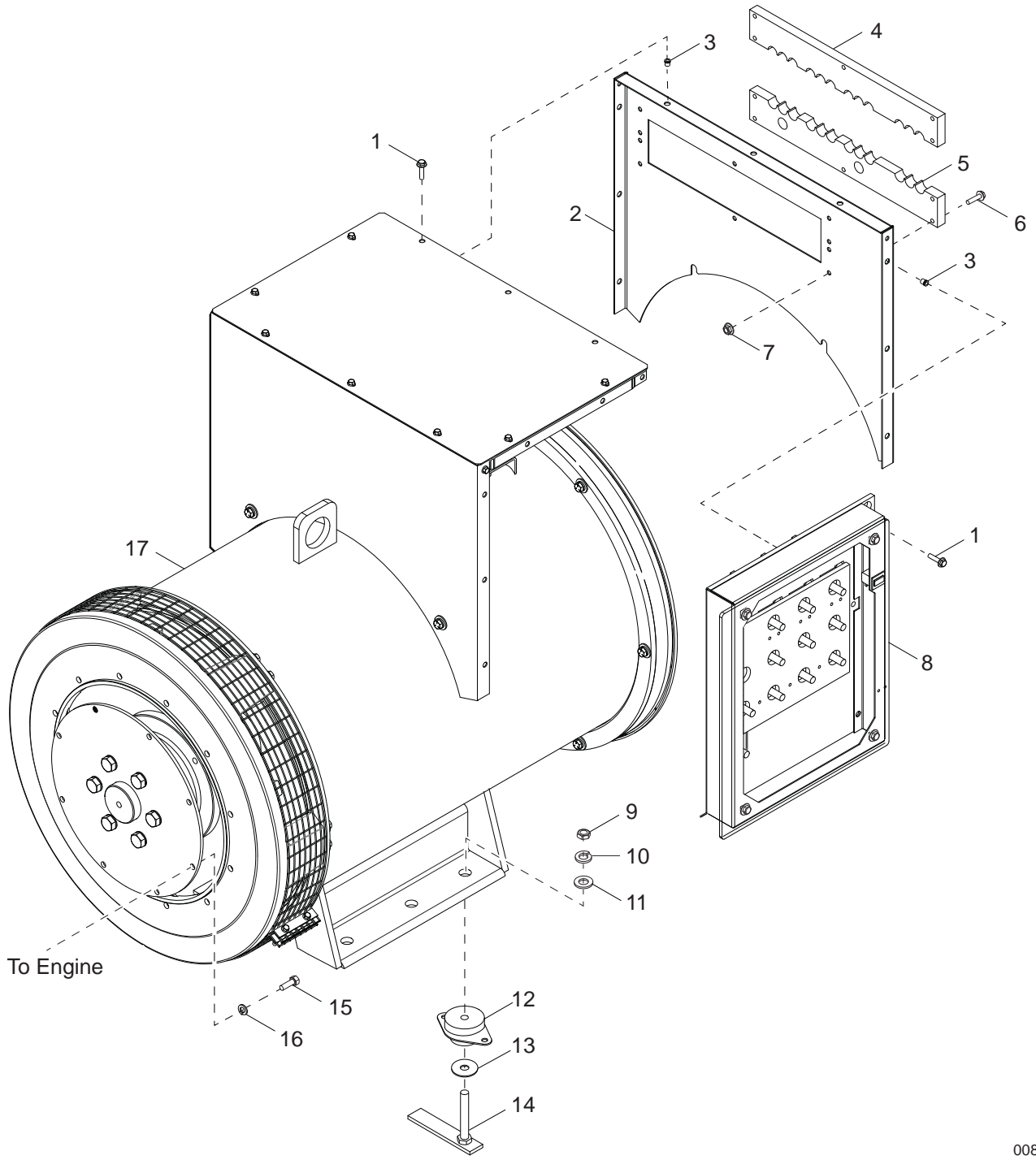
00802



## ENGINE MOUNT ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60249	1	Nut, .750-10 hex, G8	
2	60248	1	Washer, .750 split lock	
3	60081	1	Washer, M20 flat	
4	19489B	1	Weldment, engine mount	
5	19488	1	Isolator, rubber - 1245/830 lbs	
6	19494	1	Washer, .875 snub 2.50/.188	
7	60246	1	Screw, .750-10x5.00 std hex, G8	

# GENERATOR ASSEMBLY



00803

## GENERATOR ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60175	10	Screw, .250-20x.500 sflg hex, G5	
2	24375B	1	Panel, generator box - rear	
3	62132	10	Insert, threaded .250-20 splined .027-.165 grip	
4	23843	1	Plate, cable support - upper	
5	23842	1	Plate, cable support - lower	
6	60534	10	Screw, .312-18x1.75 sflg hex	
7	60095	10	Nut, .312-18 sflg	
8	<a href="#">Page 72</a>	1	Assembly, reconnect box	
9	60249	2	Nut, .750-10 hex, G8	
10	60248	2	Washer, .750 split lock	
11	60247	2	Washer, .750 flat 2.020/.130	
12	19488	2	Isolator, rubber 1245/830 lbs	
13	19494	2	Washer, .875 snub 2.50/.188	
14	24151	2	Weldment, anti-turn bolt - .750x5.0 in	
15	60179	8	Screw, .375-16x.750 std hex, G8	
16	60151	8	Washer, .375 flat .810/.060	
17	23165	1	Generator, Marathon, 432PSL6210	

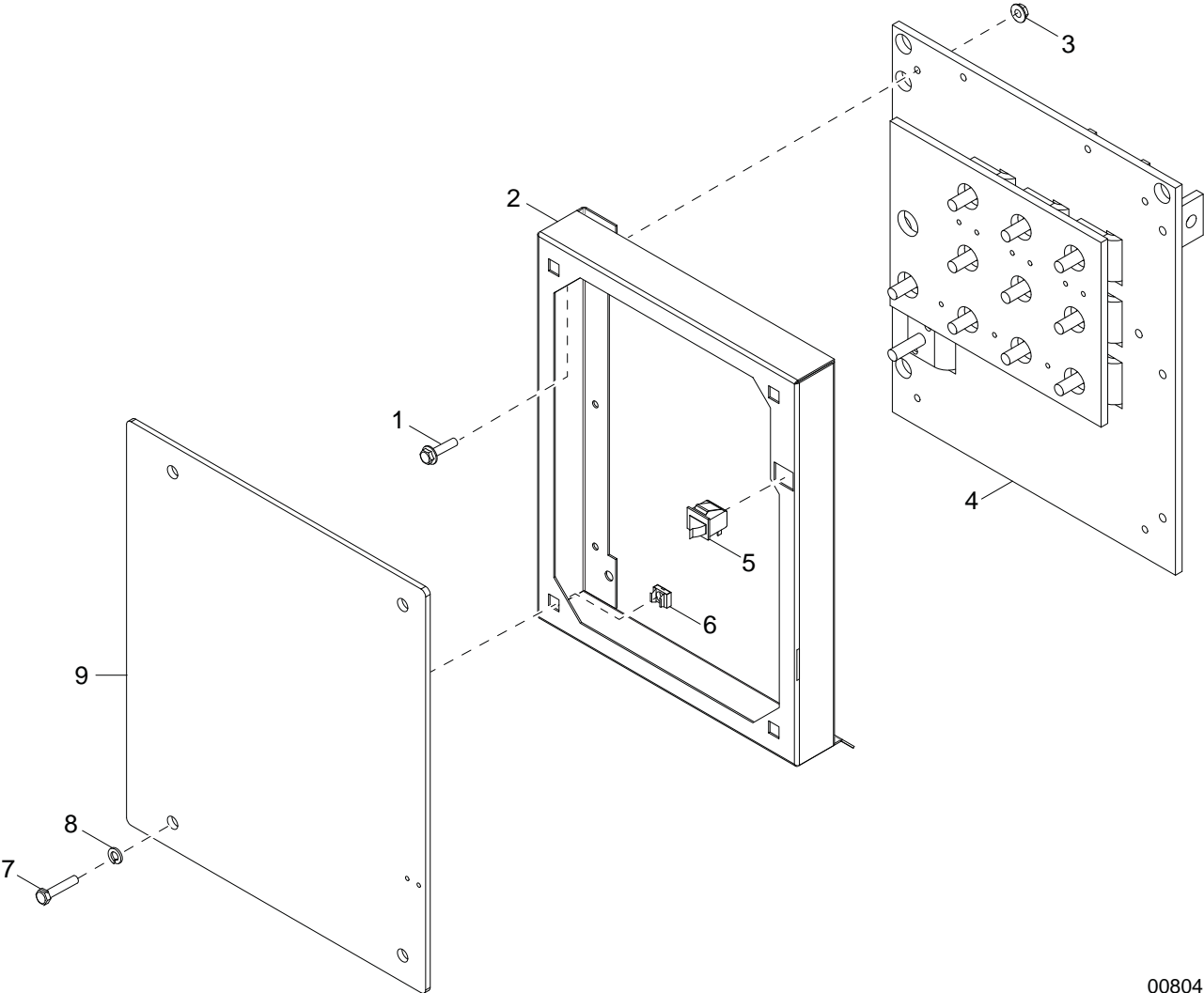
### OPTIONAL FEATURES

#### Super Start:

--	23727	1	Generator, Marathon, 433PSL6220
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**Note:** Engine and generator parts used in all Magnum Power Products LLC equipment carry the Original Equipment Manufacturer (OEM) warranty unless otherwise stated. OEM warranty parts must be purchased through an OEM dealer. Please contact Magnum Power Products LLC with questions.

# RECONNECT BOX ASSEMBLY

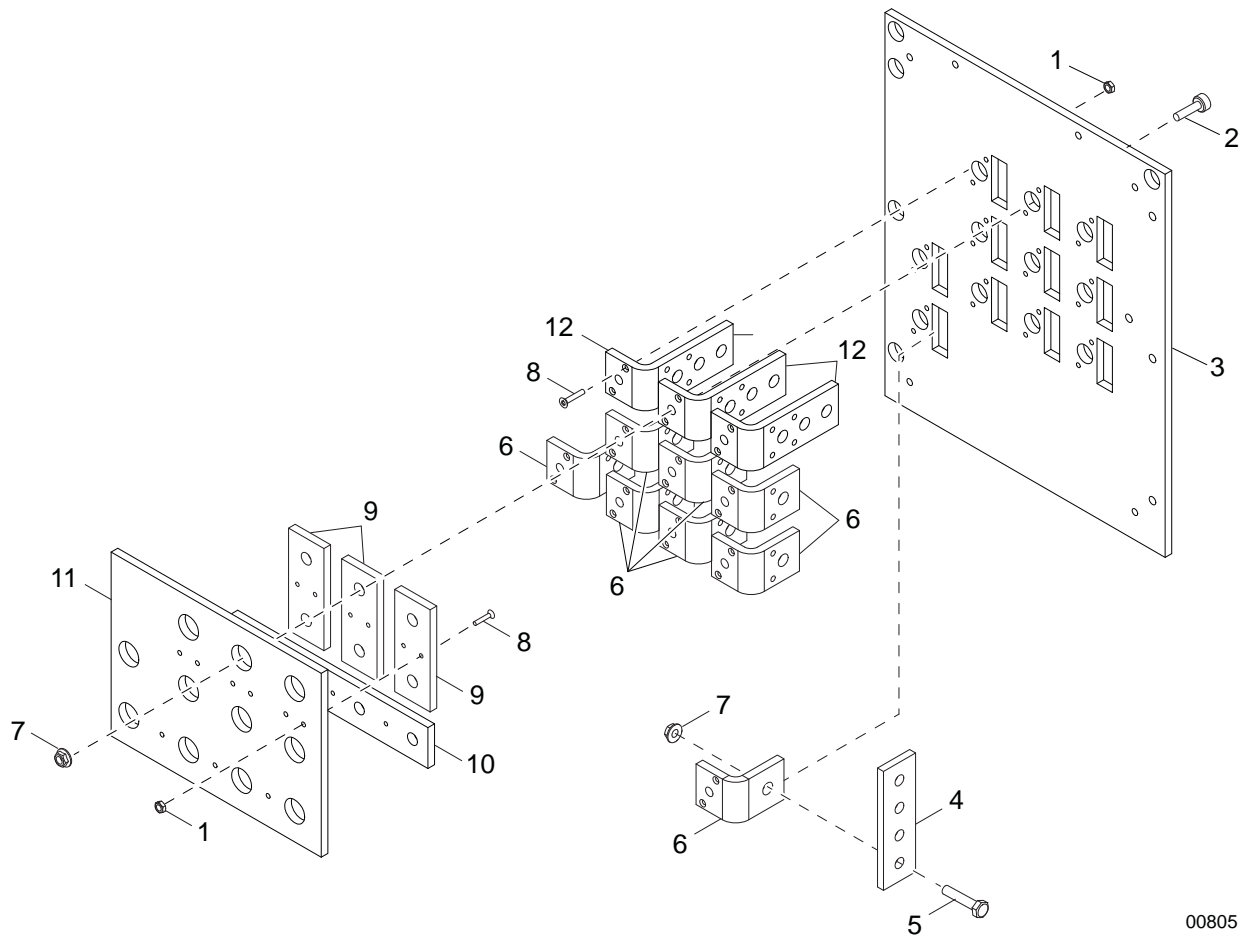


00804

## RECONNECT BOX ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60479	4	Screw, .250-20x1.0 sflg	
2	35100W	1	Box, reconnect	
3	60161	4	Nut, .250-20 sflg, G5	
4	<a href="#">Page 74</a>	1	Assembly, reconnect and shorting board	
5	12632	1	Switch, trigger safety - NO & NC	
6	60772	4	Nut, .500-13 cage, G5	
7	60275	4	Screw, .500-13x1.0 std hex, G5	
8	60276	4	Washer, .500 split lock	
9	23516	1	Door, reconnect box	

# RECONNECT AND SHORTING BOARD ASSEMBLY

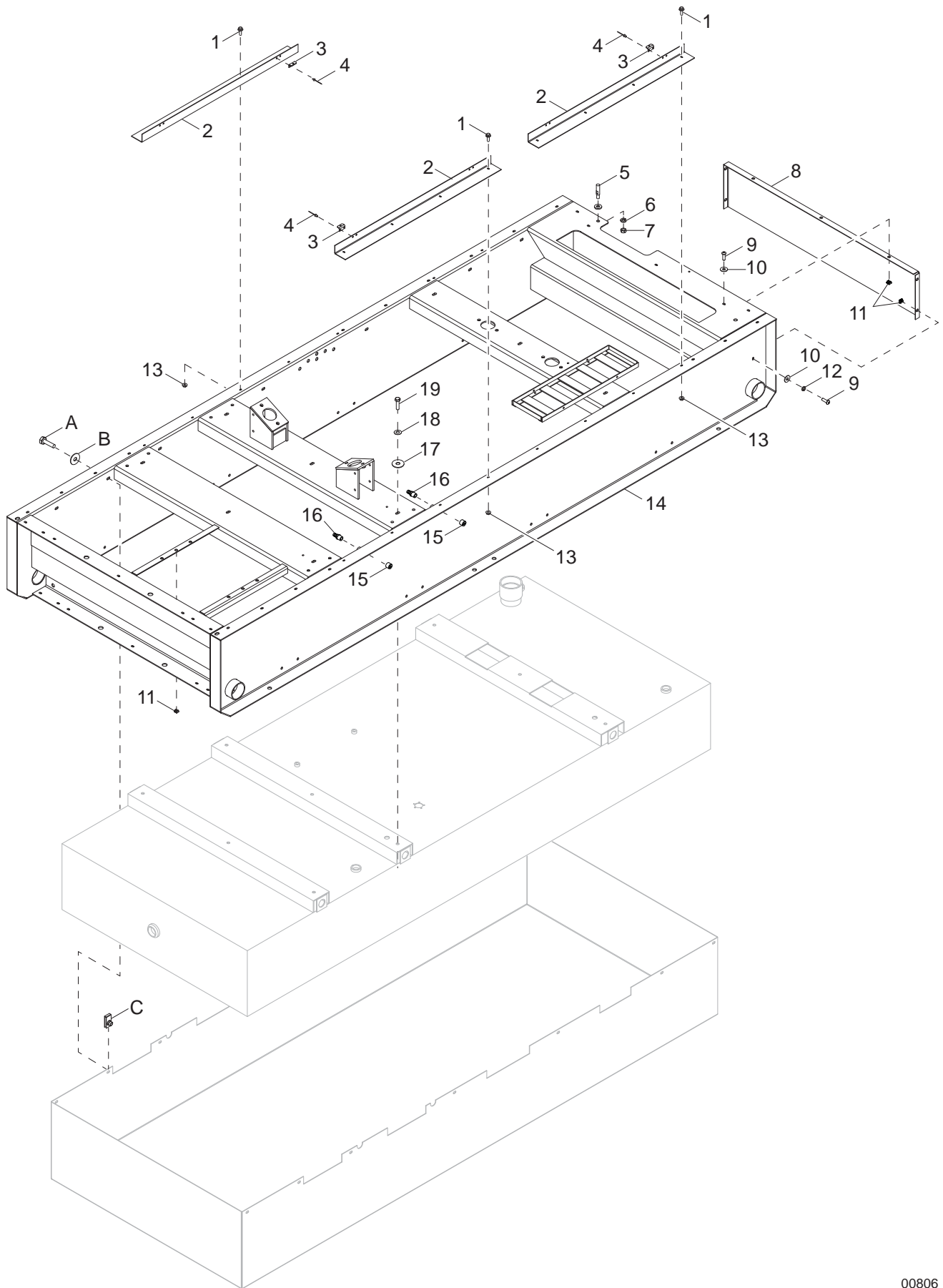


00805

## RECONNECT AND SHORTING BOARD ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60318	31	Nut, 8-32 hex, G5	
2	60791	11	Screw, .500-13x1.50 soc hex	
3	23605	1	Shorting board, .375 GPO-3	
4	21466	1	Bus, neutral link	
5	60484	2	Screw, .500-13x2.0 std hex, G5	
6	21407	8	Bus, reconnect board	
7	60098	13	Nut, .500-13 sflg	
8	60771	31	Screw, 8-32x1.0 flat hex, G2	
9	21429	3	Bus, shorting board	
10	23604	1	Bus, shorting board	
11	23598	1	Plate, reconnect board	
12	21414	3	Bus, reconnect	

# SKID ASSEMBLY



00806



## SKID ASSEMBLY

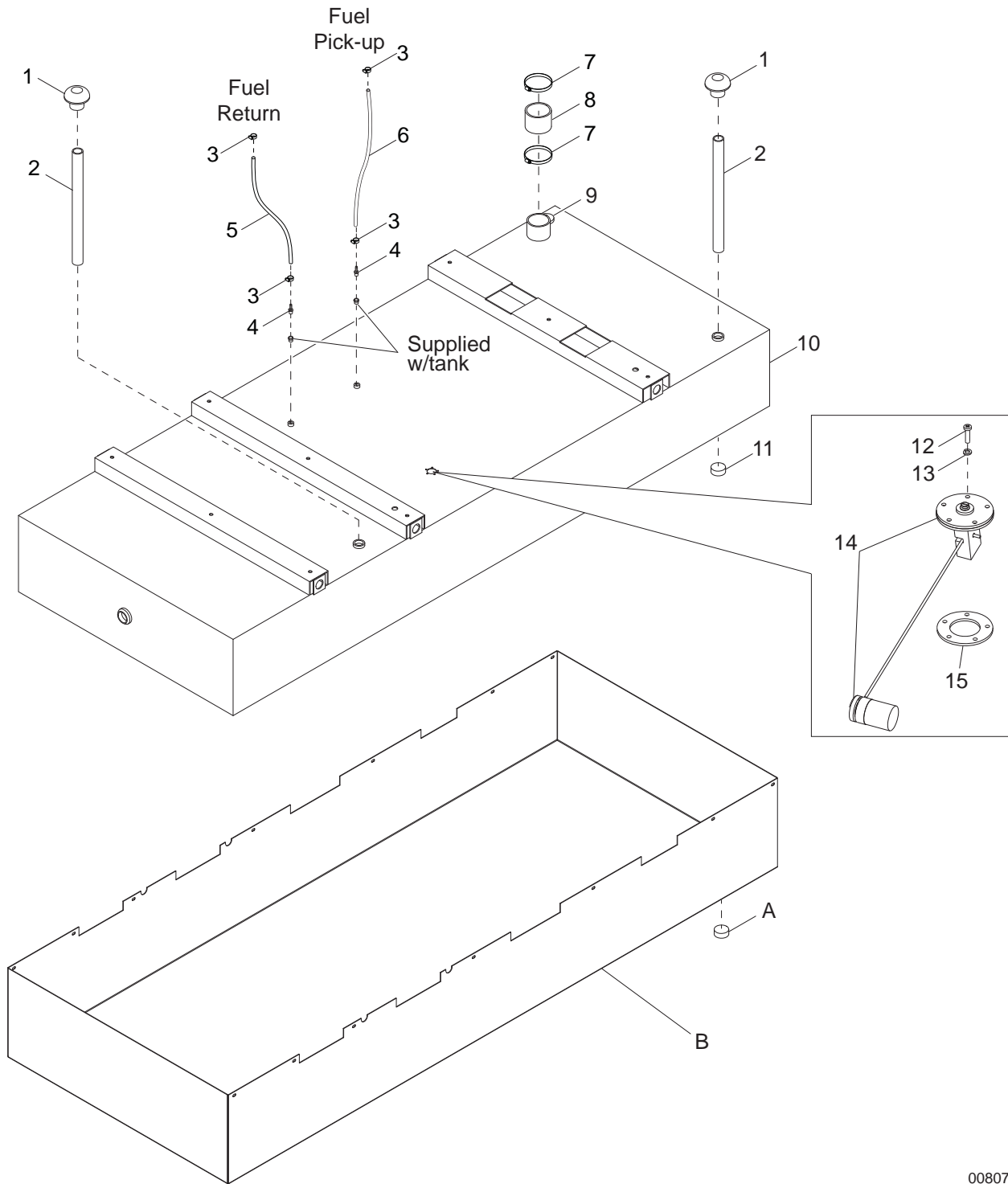
ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	60528	12	Screw, .250-20x.625 sflg hex, G5	
2	23631B	3	Plate, bottom door	
3	20916Z	3	Bracket, prop rod	
4	60268	6	Rivet, .188 dia. x .126 to .250 grip, SS	
5	23643	1	Pin, striker - 1.875	
6	60276	1	Washer, .500 split lock	
7	24046	1	Nut, .438-14 striker, G8	
8	23674B	1	Panel, rear light/cable guard	
9	60654	7	Screw, .312-18x1.0 button hex, SS	
10	60340	7	Washer, .312 flat .875/.040, SS	
11	15425	13	Nut, .312-18 cage	
12	60701	4	Washer, .312 split lock, SS	
13	60161	12	Nut, .250-20 sflg, G5	
14	31889B	1	Weldment, skid	
15	18394	2	Fitting, plug - .500NPT x internal hex	
16	60502	2	Fitting, strt - .500MNPTx.625 barb, brass	
17	60729	9	Washer, .375 fender 1.500/.090	
18	60206	9	Washer, .375 split lock	
19	60323	9	Screw, .375-16x1.50 std hex, G8	

### OPTIONAL FEATURES

#### *Containment:*

A	60507	14	Screw, .312-18x1.0 std hex, SS
B	60452	14	Washer, .313 flat 1.125/1.0 bonded rubber, SS
C	60505	14	Nut, .312-18 U-clip - long type

# FUEL TANK ASSEMBLY



00807

## FUEL TANK ASSEMBLY

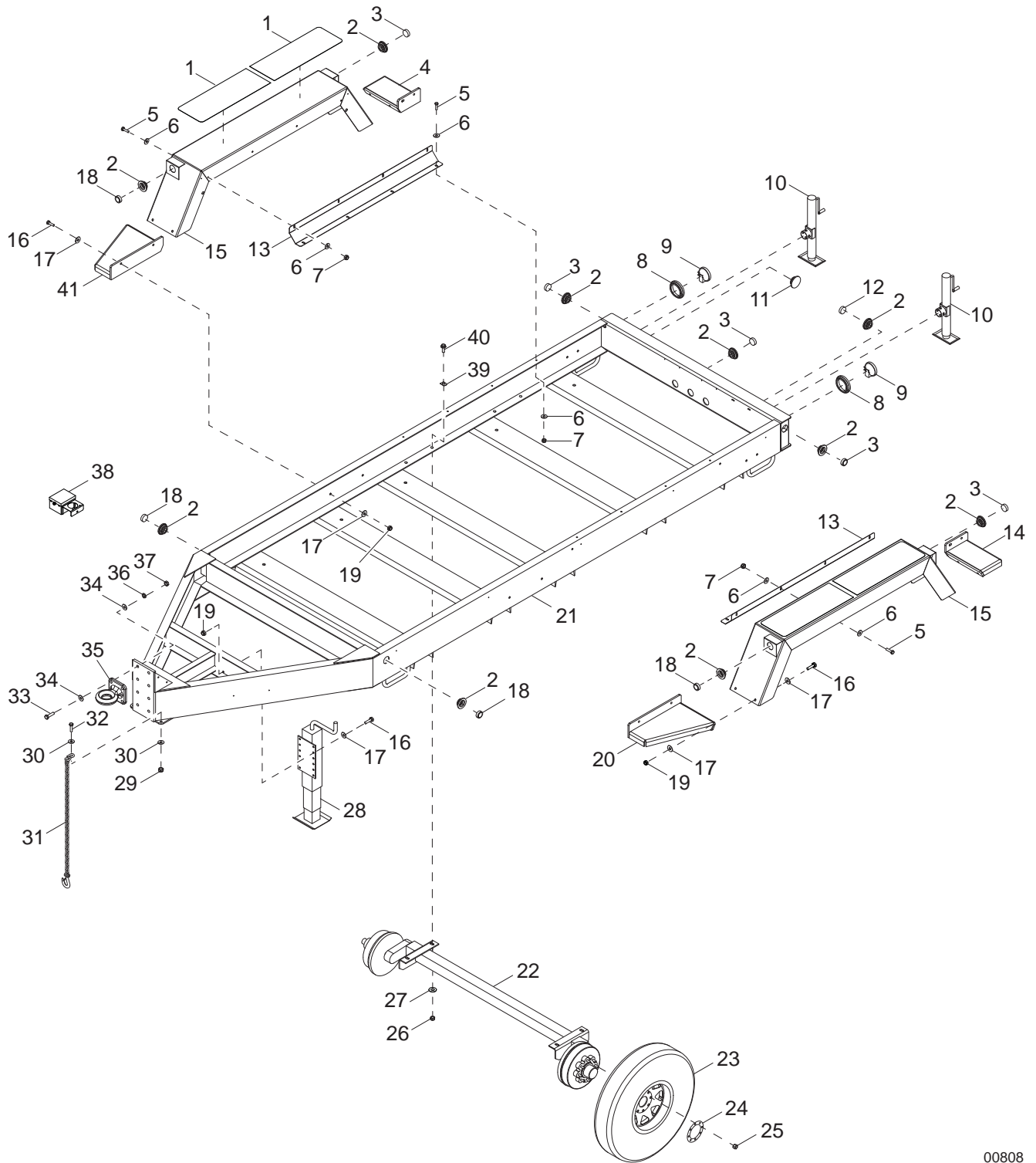
ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	19824	2	Vent, 1.5NPT fuel tank	
2	19823	2	Fitting, nipple, pipe - 1.50NPTx24.0	
3	14216	4	Clamp, hose - SAE 004 (.21-.62) miniature	
4	40728	2	Fitting, strt - .500MNPTx.500 barb	
5	50206	3.5 ft	Hose, fuel - .500 ID, 35 psi, SAE 30R7	
6	50206	2.5 ft	Hose, fuel - .500 ID, 35 psi, SAE 30R7	
7	18663	2	Clamp, hose - SAE 060 (3.31-4.25)	
8	19612	1	Hose, air/fuel - 4.00 in	
9	61000	1	Fitting, plug - 2.00NPT square drive	
10	24558B	1	Tank, fuel - 480 gal	
11	65636	1	Fitting, plug, 1.0NPT flush mount w/hex soc	
12	60062	5	Screw, 10-32x.750 pan phil, G2	
13	60252	5	Washer, #10 split lock	
14	21206	1	Sender, fuel - 16-24 in	
15	22323	1	Gasket, fuel sending unit	

### OPTIONAL FEATURES

#### *Containment:*

A	65784	1	Fitting, plug - 2.0NPT flush mount w/hex soc
B	24559B	1	Pan, 24 hr. containment

# TRAILER ASSEMBLY

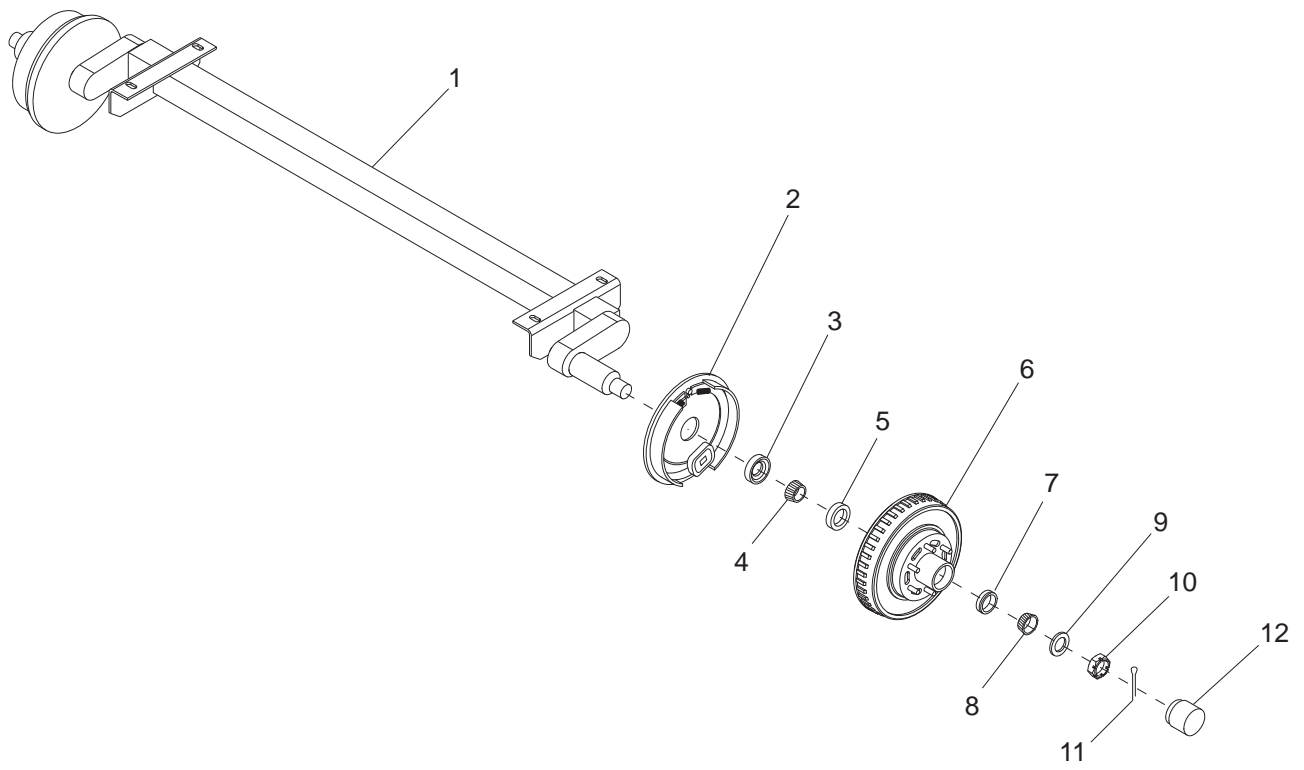


00808

## TRAILER ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	22398	4	Pad, slip resistant - 10.0x28.0	
2	66394	12	Grommet, sealed beam light, rubber - 2.0 in	
3	66397	7	Light, clearance, 2.0 in., no grommet - red	
4	22358B	1	Weldment, rear step - right	
5	61036	16	Screw, .375-16x1.25 std hex, SS	
6	60698	32	Washer, .375 flat .875/.040, SS	
7	60358	16	Nut, .375-16 nylock, G5	
8	10221	2	Grommet, rear light, rubber - 4.5 in	
9	10220	2	Light, rear tail/turn, round, no grommet	
10	41133	2	Jack, side wind - 2000 lb, tube mounted	
11	62161	1	Plug, hole - 2.25 dia	
12	66395	1	Light, utility, 2.0 in., no grommet - clear	
13	24088B	2	Shield, fender	
14	22357B	1	Weldment, rear step - left	
15	27657B	2	Weldment, fender	
16	60484	20	Screw, .500-13x2.0 std hex, G5	
17	60416	36	Washer, .500 flat 1.375/.090	
18	66396	4	Light, clearance, 2.0 in., no grommet - amber	
19	62221	20	Nut, .500-13 nylock, G5	
20	22359B	1	Weldment, front step - left	
21	49549B	1	Weldment, trailer frame	
22	<a href="#">Page 82</a>	1	Assembly, axle	
23	24072	4	Wheel, ST215/75R17.5 - 4805 lb	
24	24101ZC	4	Ring, retaining - lug nut	
25	61056	32	Nut, .625-18 lug 90°, G5	
26	60240	8	Nut, .625-11 nylock, G5	
27	60193	8	Washer, M16 flat	
28	24084B	1	Weldment, 12000 lb jack - top wind	
29	60668	2	Nut, .500-13 nylock, G8	
30	61096	4	Washer, .500 flat 1.375/.110	
31	20159	2	Chain, trailer safety, hi test - .375 in	
32	60118	2	Screw, .500-13x2.0 flg hex, G8	
33	60854	4	Screw, .750-10x3.50 std hex, G8	
34	60081	8	Washer, M20 flat	
35	24081B	1	Ring, 3 in. draw bar - square mount	
36	60384	4	Washer, .750 split lock	
37	60249	4	Nut, .750-10 hex, G8	
38	19417	1	Breakaway kit	
39	60651	8	Washer, square bevel structural .625	
40	61078	8	Screw, .625-11x2.0 flg hex, G8	
41	22360B	1	Weldment, front step - right	
--	66747	1	Harness, trailer	
--	65882	1	Harness, electric brake	
--	16143	16	Clamp, tubing - .500	
--	60041	16	Washer, M5 flat	
--	60231	16	Rivet, .188 dia. x .375 to .500 grip	
--	60053	1	Washer, .375 external star	To attach item 39
--	65593	1	Adapter, trailer - 4pin and 2pin elec. brake to 6pin	
--	29653	8	Grommet, rubber - .563 IDx.125 thkx.813 ID hole	

# AXLE ASSEMBLY



00259

## AXLE ASSEMBLY

ITEM	PART NO.	QTY	DESCRIPTION	NOTES
1	24071	2	Axle, 8000 lb. electric	
2	26824	4	Brake shoe - LH, 8000 lb	
	26825	4	Brake shoe - RH, 8000 lb	
3	26827	4	Seal - 8000 lb	
4	26828	4	Inner bearing cone - 8000 lb	
5	26829	4	Inner bearing cup - 8000 lb	
6	26826	4	Hub - 8000 lb	
7	26831	4	Outer bearing cup - 8000 lb	
8	26830	4	Outer bearing cone - 8000 lb	
9	26834	4	Spindle washer - 8000 lb	
10	26832	4	Spindle nut - 8000 lb	
11	26833	4	Cotter pin - 8000 lb	
12	26835	4	Grease cap - 8000 lb	

## RECOMMENDED SPARE PARTS LIST

### ENGINE

Belt, fan .....	33017
Cap, fuel fill .....	23707
Cap, overflow jug .....	19714
Cap, radiator - 18 psi .....	33219
Element, air filter .....	29963
Element, fuel filter - primary .....	33020
Element, fuel filter - secondary .....	27616
Element, oil filter .....	23818
Hose, lower radiator .....	970693
Hose, upper radiator .....	970692
Jug, overflow .....	20212
Sender, fuel (for standard fuel tank) .....	21206
Sensor, low coolant/harness .....	30942

### MAINTENANCE KITS

Filter kit, standard 500 hr .....	SK251
Filter kit, extended 2000 hr .....	SK252

### ELECTRICAL

Breaker, 20A/240V, 1-pole .....	18091
Breaker, 50A/240V, 2-pole .....	18092
Breaker handle extension .....	22517
Receptacle, 20A/120V GFI .....	14130
Receptacle, 50A 120/240V twist .....	18089
Relay, base .....	65644
Relay, voltage sensing .....	66340
Switch, emergency stop, 2 NO/1 NC assembly .....	22550
Switch, lockout .....	18111
Switch, toggle - SPST 20A .....	25077
Voltage regulator - PM500 .....	36364

### TRAILER

Brake shoe - left .....	26824
Brake shoe - right .....	26825
Breakaway kit .....	19417
Grommet, rear light - 4.5 in .....	10221
Grommet, sealed beam light - 2.0 in .....	66394
Jack, side wind - 2000 lb tube mounted .....	41133
Jack, top wind - 12000 lb weldment .....	24084B
Light, clearance 2.0 in. - amber (no grommet) .....	66396
Light, clearance 2.0 in. - red (no grommet) .....	66397
Light, rear tail/turn (no grommet) .....	10220
Light, utility 2.0 in. - clear .....	66395
Safety chain, hi test .....	20159









REV: ORG  
PART NO: 36823  
08.11.14