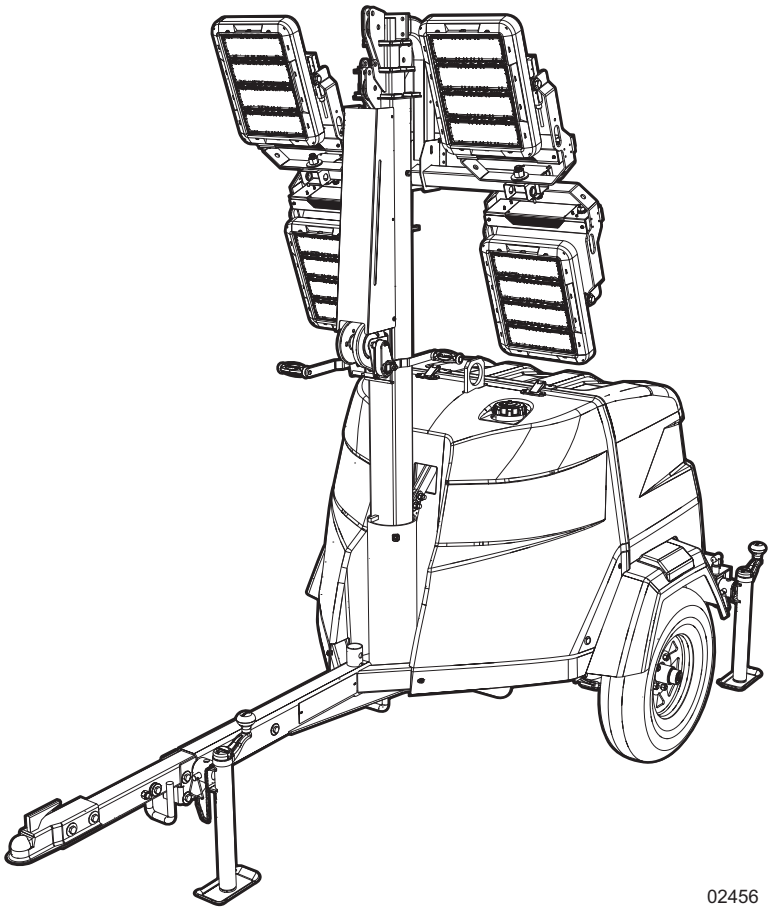
GENERAC® | MAGNUM

MLT6SMD

Light Tower Parts Manual



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MODEL NUMBER: _____

SERIAL NUMBER: _____

DATE PURCHASED:_____

SAVE THIS MANUAL FOR FUTURE REFERENCE

⚠WARNING

Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to www.P65Warnings.ca.gov.

(000393)

⚠WARNING

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65Warnings.ca.gov/diesel.

(000394)

⚠WARNING

Environmental Hazard. Always recycle batteries at an official recycling center in accordance with all local laws and regulations. Failure to do so could result in environmental damage, death or serious injury.

(000228)

Introduction

This parts manual was prepared based on the information available at the time of publication and is subject to change without notice. Generac Mobile Products reserves the right to change parts at any time. To check whether a revised parts manual is available, contact Generac Mobile Products.

DO NOT MODIFY or use this equipment for any application other than which it was designed for. To keep your equipment fully operational, it is suggested you maintain a stock of commonly used maintenance or service parts. A recommended spare parts list can be found in the back of this manual. To order service parts, please go to **www.generacmobilepoducts.com** or call Generac Mobile Products.

⚠WARNING

Consult Manual. Read and understand manual completely before using product. Failure to completely understand manual and product could result in death or serious injury. (000100a)

GENERAC MOBILE PRODUCTS LLC

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Phone: 920-361-4442
FAX: 920-361-4416
Toll Free: 1-800-926-9768
www.generacmobileproducts.com

For technical or parts QUESTIONS, contact Generac Mobile Products Technical Service at 1-800-926-9768.

Engine Make:_____
Engine Serial Number:_____
Engine Model Number: _____

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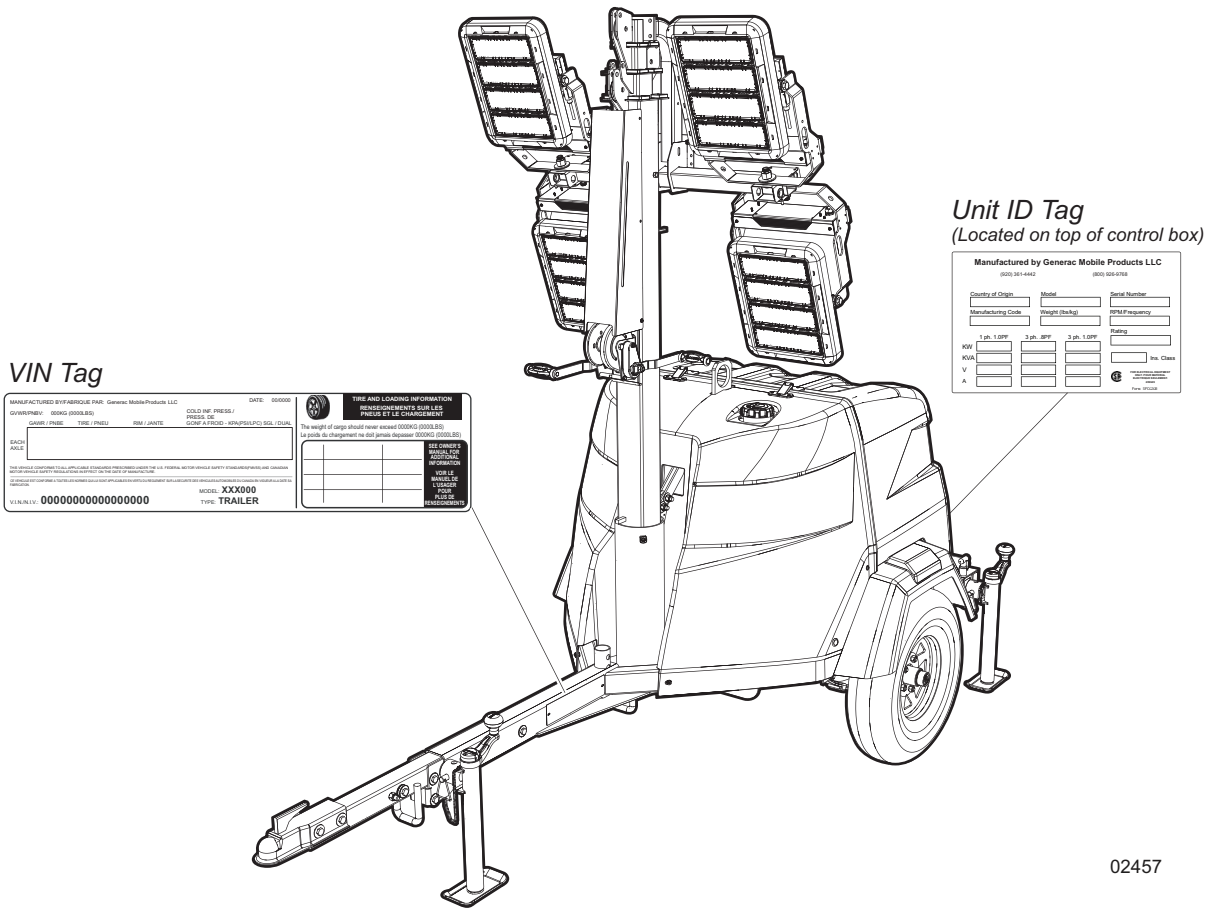
Parts Manual Instructions

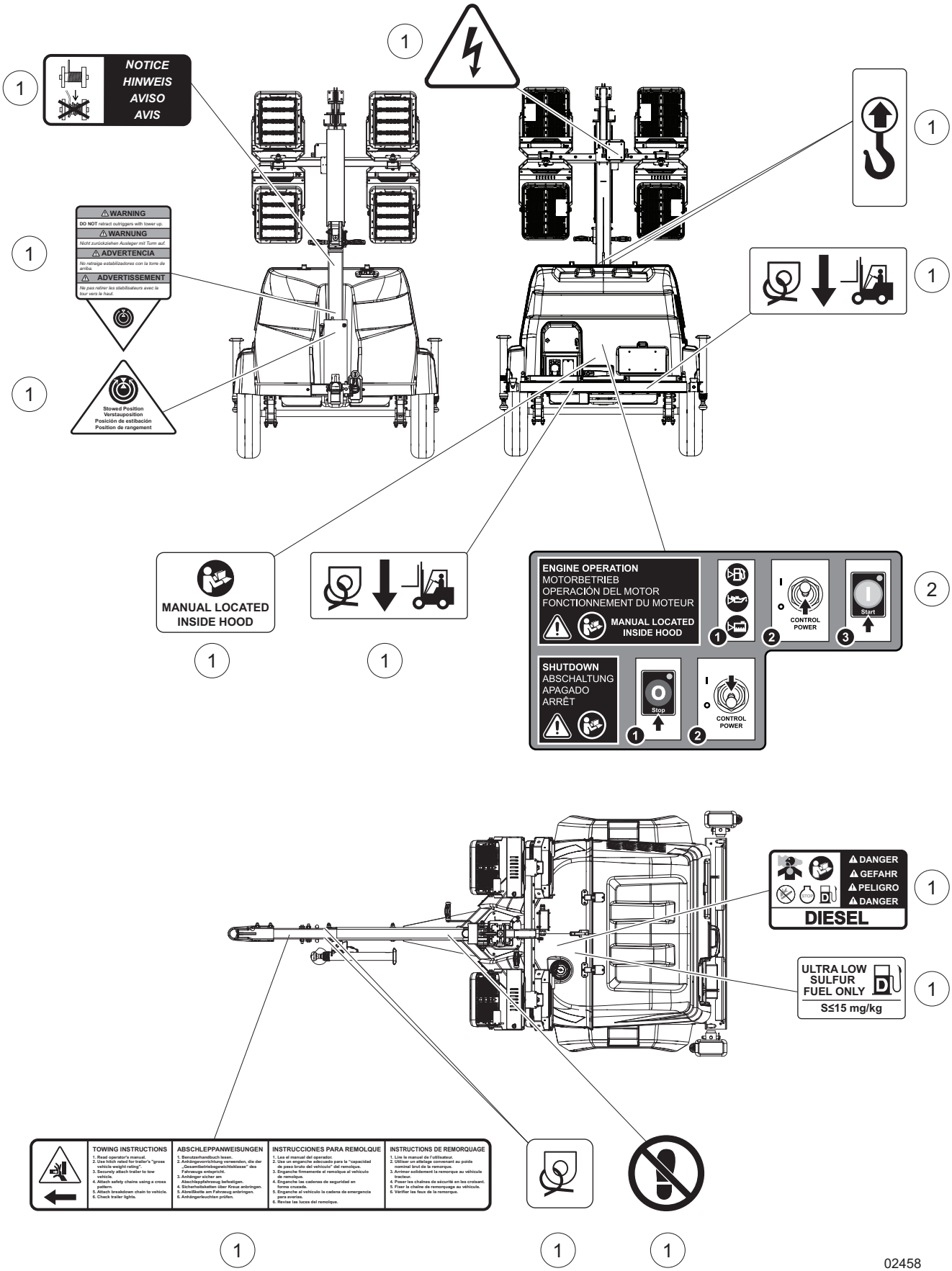
Product illustrations are only representations. Products supplied may vary from the illustrations in this parts manual. Parts not shown in the illustration are indicated by a double dash (--) in the item column.

Please be prepared to provide the following information when ordering replacement parts: model number, serial number (on unit serial tag), part number, purchase order number (if applicable), shipping address, shipping method.

Refer to the illustration below to locate the unit ID tag and Vehicle Identification Number (VIN) tag on the unit. Important information, such as the unit serial number, model number, VIN and tire loading information are found on these tags. Record the information from these tags so it is available if the tags are lost or damaged. When ordering parts or requesting assistance, you may be asked to provide this information.

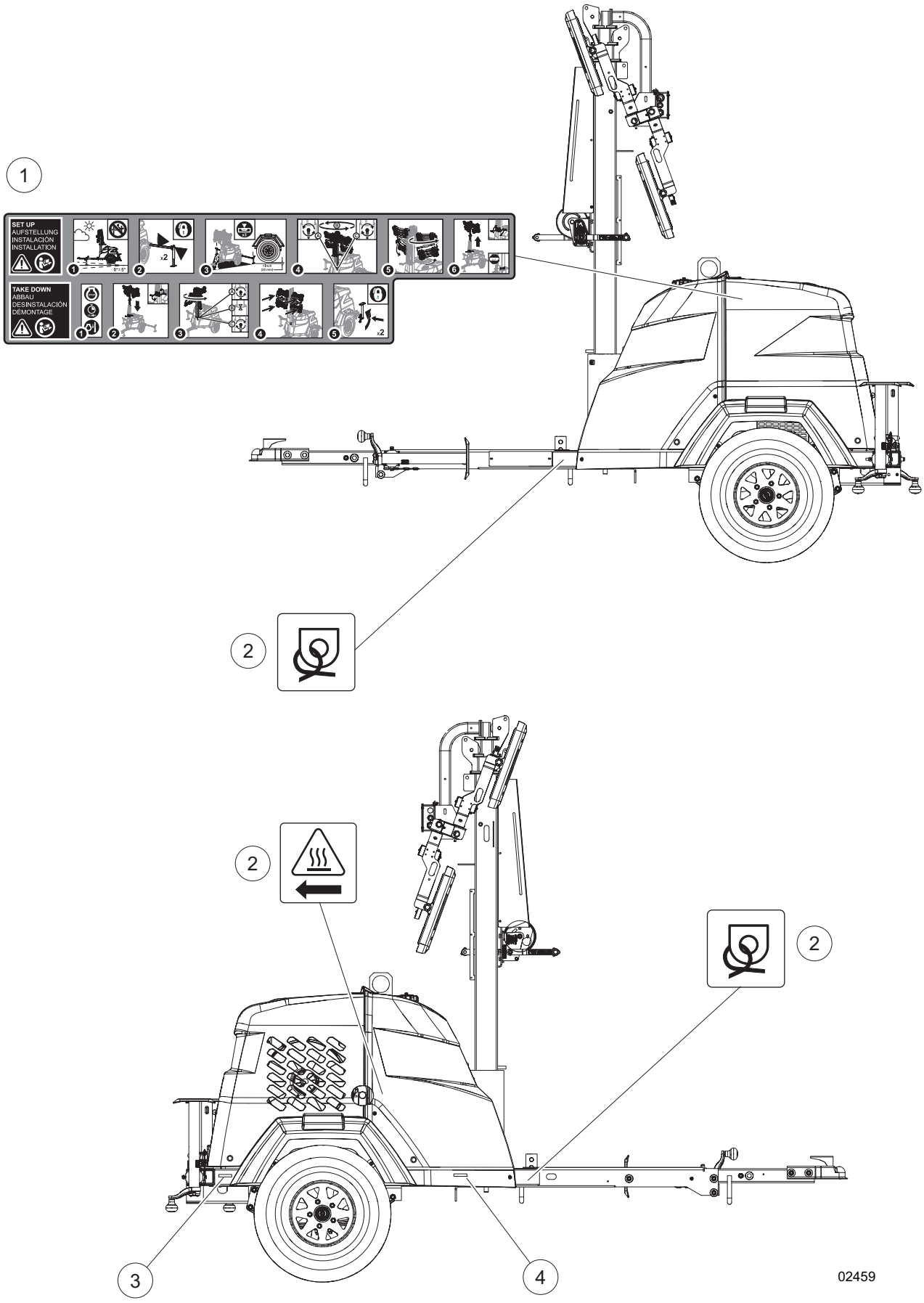


UNIT DECALS - FRONT, REAR AND TOP



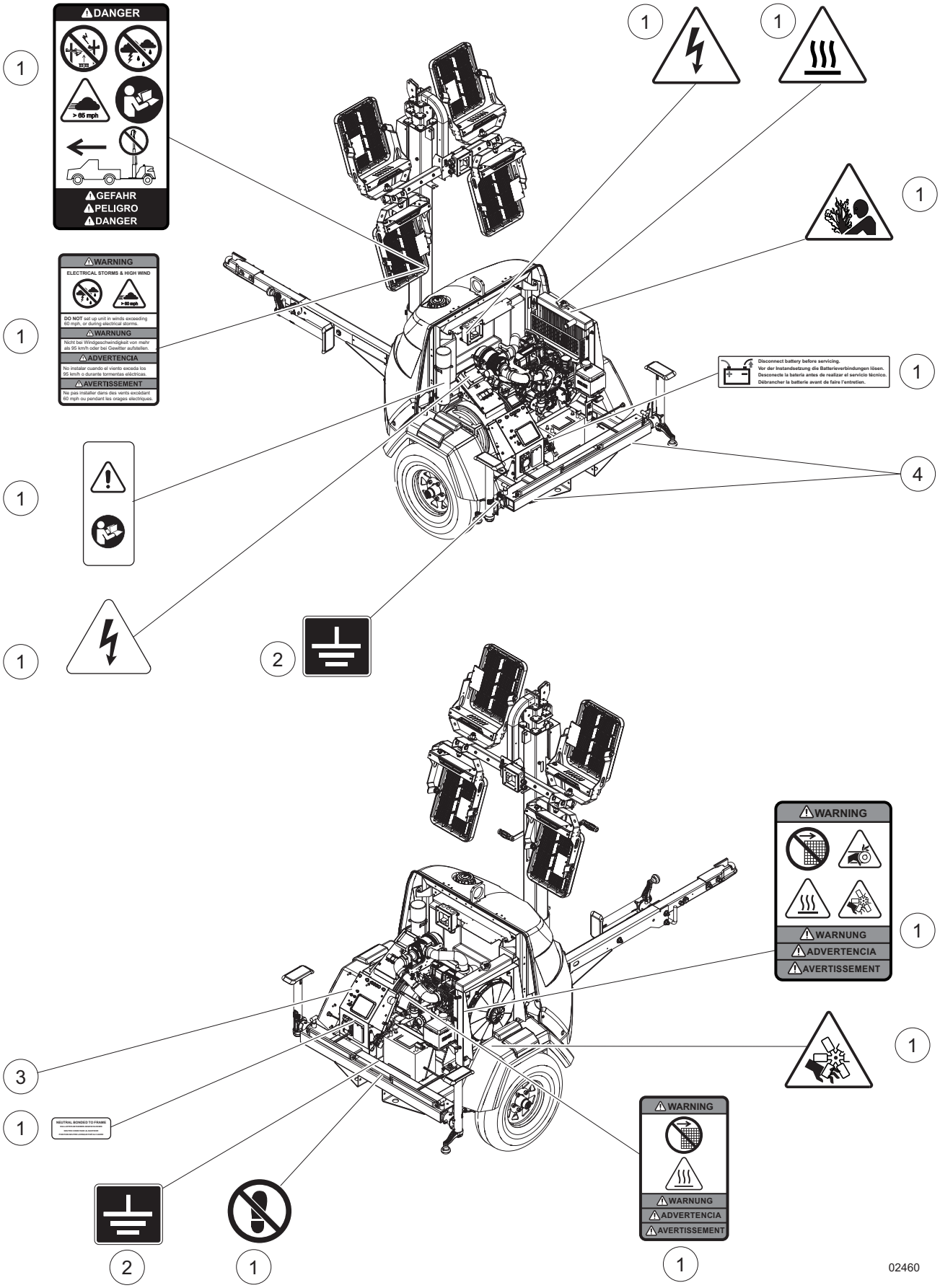
Item	Part No.	Qty	Description	Notes
1	55016	1	Decal, safety MLT6SMD	
2	76916	1	Decal, operation MLT6SMD (manual)	

UNIT DECALS - LEFT AND RIGHT SIDES



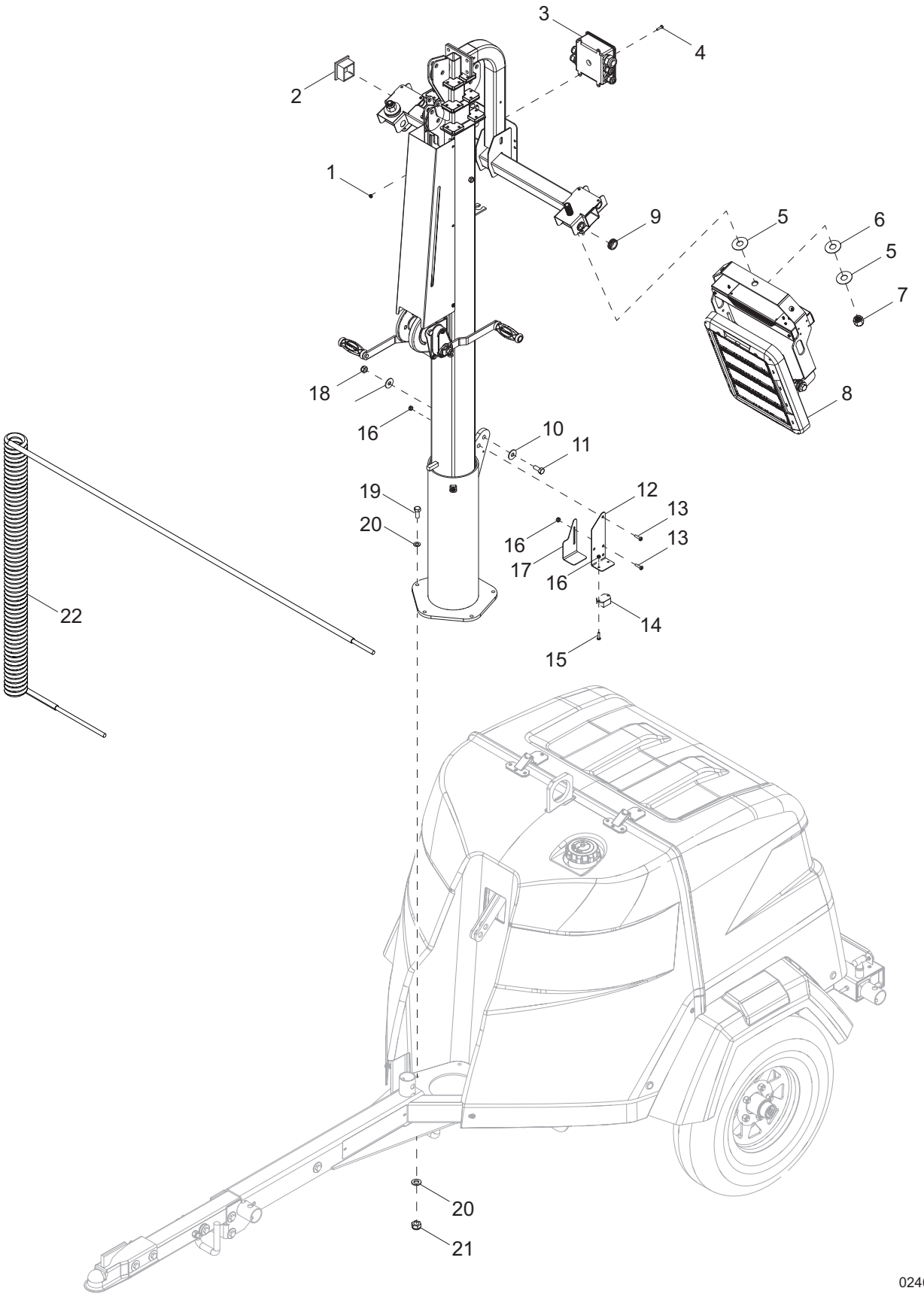
Item	Part No.	Qty	Description	Notes
1	76916	1	Decal, operation MLT6SMD (manual)	
2	55016	1	Decal, safety MLT6SMD	
3	72149	1	Reflector, red (4.25 in x .75 in)	set of two
4	72150	1	Reflector, yellow (4.25 in x .75 in)	set of two

UNIT DECALS - INSIDE UNIT



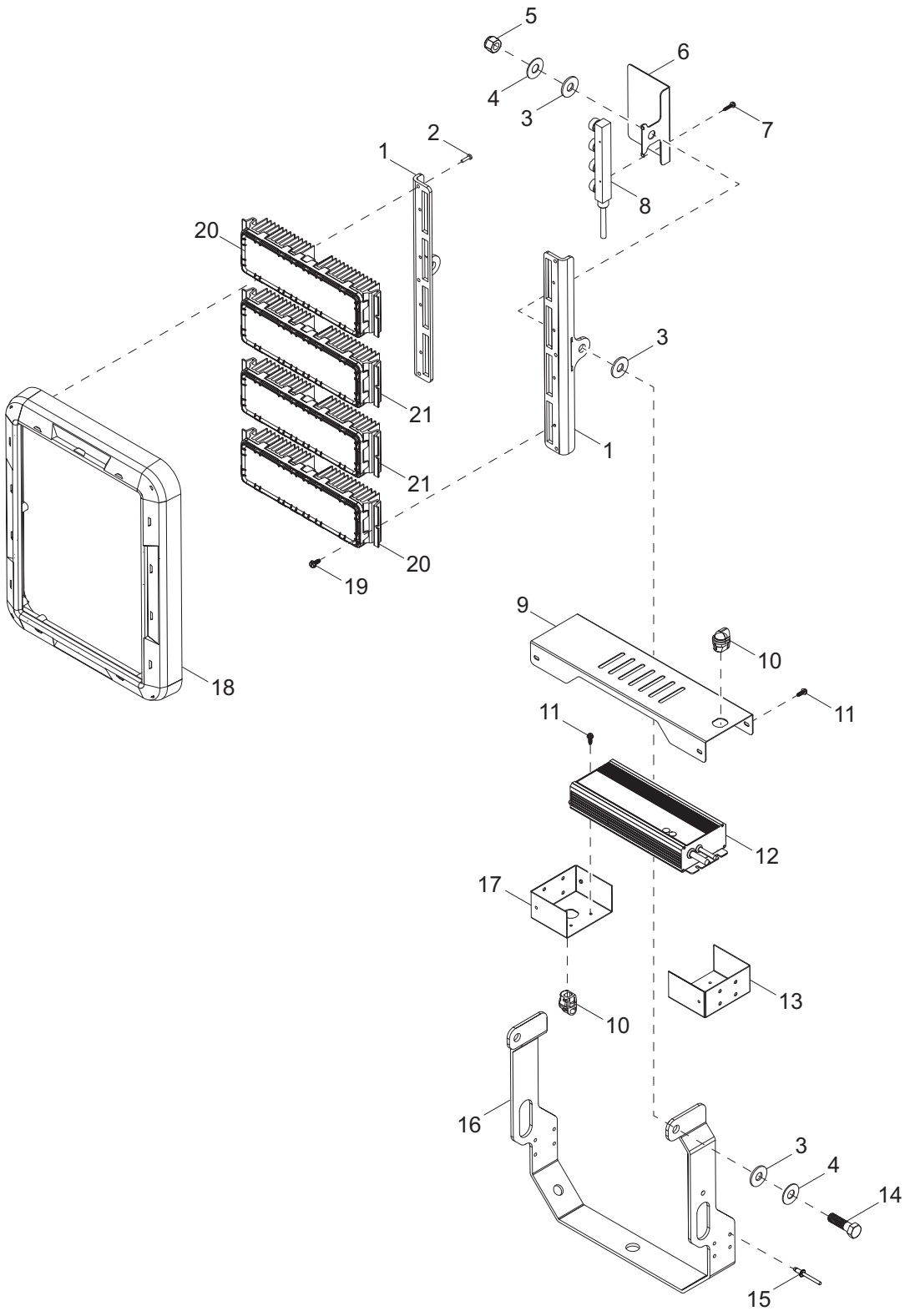
Item	Part No.	Qty	Description	Notes
1	55016	1	Decal, safety MLT6SMD	
2	12142	1	Decal, ground	
3	69641	1	Decal, control panel MLT6SMD	
4	72132	1	Reflector, rear 2.0 x 2.0 - red	set of two

MAST, JUNCTION BOX AND LIGHTS TO UNIT



Item	Part No.	Qty	Description	Notes
1	60415	4	Nut, 10-32 nylock, SS	
2	31254	4	Plug, 2.0 square x .125 wall tube, plastic	
3	10000023328	1	Assembly, mast box	
4	60062	4	Screw, 10-32 x .750 pan Phillips, G2	
5	63357	8	Washer, .750 flat 2.0/.062 - plastic	
6	60247	4	Washer. .750 flat 2.020/.130	
7	60308	4	Nut, .750-10 nylock - SS	
8	10000019145	4	Assembly, LED light - 4 module, horizontal	
9	56375	8	Grommet, .750ID x .125T x .875ID hole	
10	60309	4	Washer, .500 flat 1.060/.090	
11	60484	2	Screw, .500-13 x 2.0 standard hex, G5	
12	70208B	1	Bracket, night watchman	
13	60488	4	Screw, 8-32 x .750 pan Phillips, G2	
14	68763	1	Assembly, night watchman	
15	62054	2	Screw, 8-32 x .500 pan Phillips 18-8, SS	
16	60270	8	Nut, 8-32 nylock	
17	56610B	1	Cover, dusk to dawn sensor	
18	62221	2	Nut, .500-13 nylock, G5	
19	60139	5	Screw, .375-16 x 1.50 hex, G5	
20	60386	10	Washer, .375 flat .993/.064	
21	60358	5	Nut, .375-16 nylock, G5	
22	39650	1	Coil cord w/120 inch tail	

LIGHT ASSEMBLY



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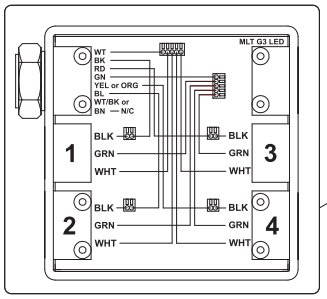
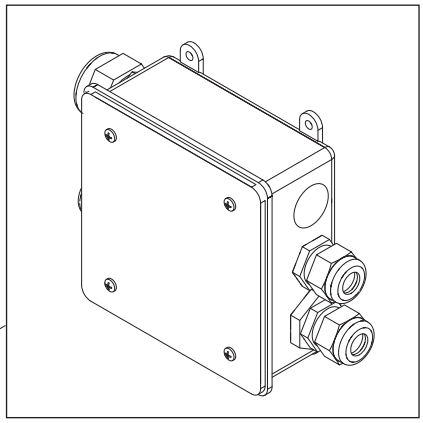
Item	Part No.	Qty	Description	Notes
1	10000019192	2	Frame support, LED module - horizontal	
2	10000019163	6	Screw, 8-16 x .625 PLST pan Phillips - black	
3	72134	6	Washer, .500 nylon 1.25/.100	
4	60700	4	Washer, .500 flat 1.250/.060 - SS	
5	62221	2	Nut, .500-13 nylock, G5	
6	10000019164	1	Bracket, connection block	
7	72120	1	Connector block, LED module	
8	73219	2	Screw, #6-20 x .75 sheet metal - SS	
9	10000019153	1	Enclosure, LED driver	
10	10000019152	2	Bushing, strain relief - right angle	
11	10000023706	4	Screw, 8-32 x .500 hex flanged - black	
12	10000019146	1	Driver, LED 30V 10.7A 321W	
13	10000023684	1	End cap 1, LED driver	
14	60830	2	Screw, .500-10 x 1.750 standard hex - SS	
15	60268	8	Rivet, .188 diameter x .126 to .250 grip	
16	10000023721	1	Trunnion, LED module - horizontal	
17	10000023663	1	End cap 2, LED driver	
18	10000019135	1	End cap, LED module	
19	10000019182	8	Screw, 10-24 x .500 hex flanged	
20	10000019170	2	Module, 60° LED 24-27VDC 60W	
21	10000019160	2	Module, 40° 28 LED 24-27VDC	

MAST JUNCTION BOX ASSEMBLY - HARD WIRED LIGHTS



Inside cover

1



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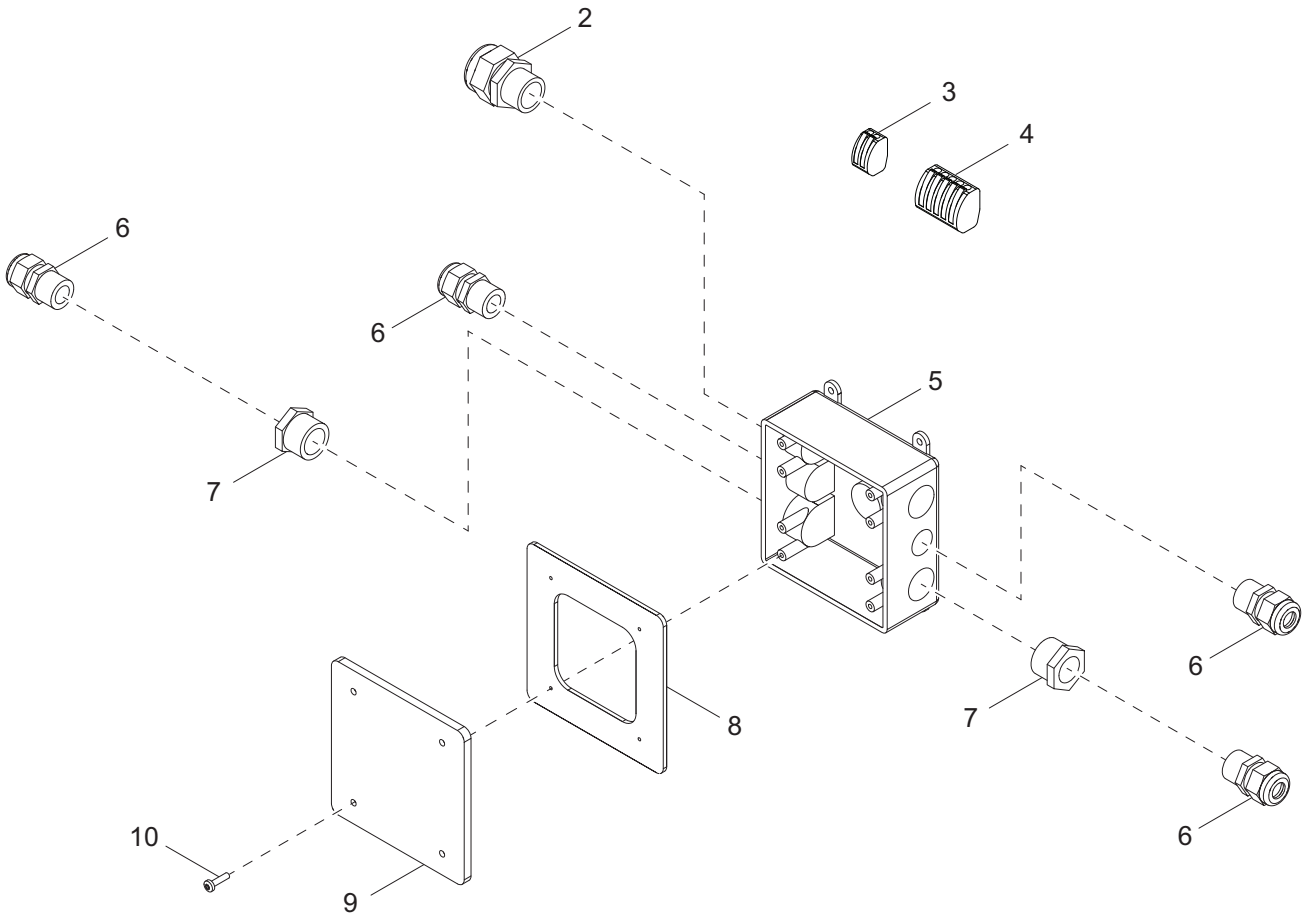

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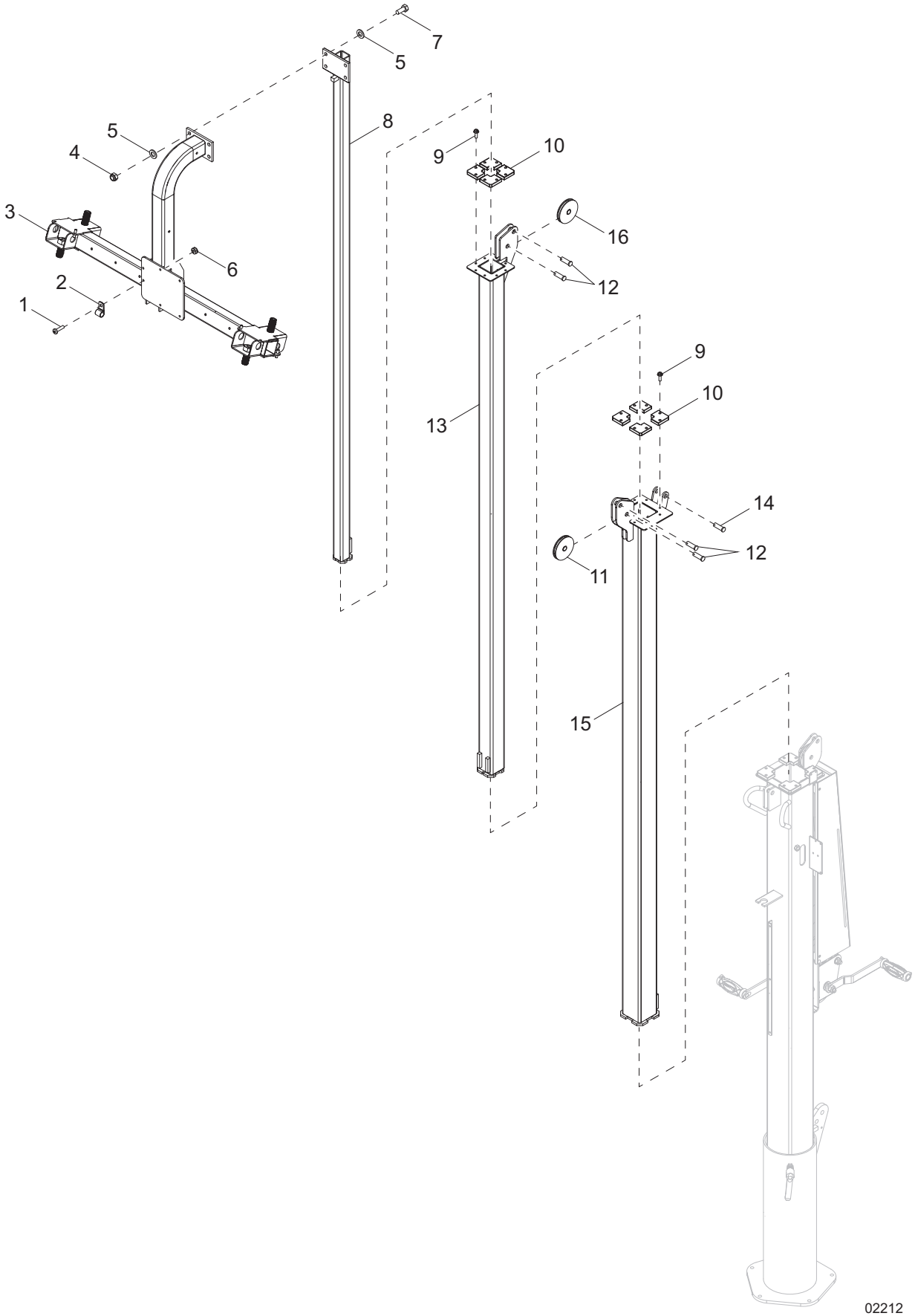
MAST JUNCTION BOX ASSEMBLY - HARD WIRED LIGHTS

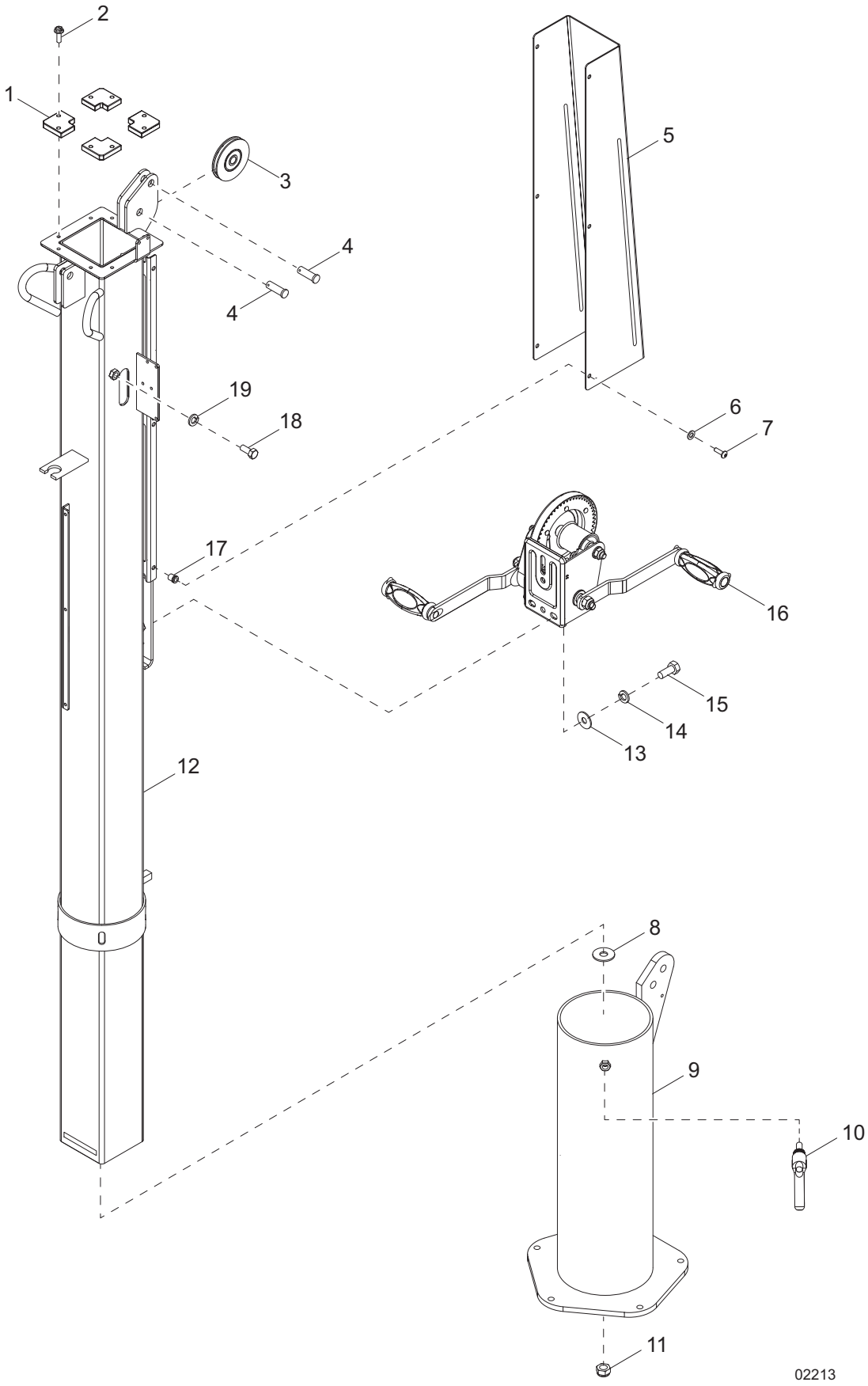
Item	Part No.	Qty	Description	Notes
1	10000023482	1	Decal, mast junction box	
2	14656	1	Strain relief, .750NPT water tight	
3	66100	4	Connector, 2 position	
4	66102	2	Connector, 5 position	
5	12094	1	Box, junction	
6	15864	4	Strain relief, .500NPT water tight	
7	60755	2	Fitting, straight .750MNPT x .500FNPT, nylon	
8	13749SRV	1	Gasket, junction box - HFI 281000	
9	12109	1	Cover, box, 2-gang plastic	
10	60424	4	Screw, 6-32 x .750 pan Phillips, G2	
11	10000023328	1	Assembly, mast junction box	

MAST ASSEMBLY



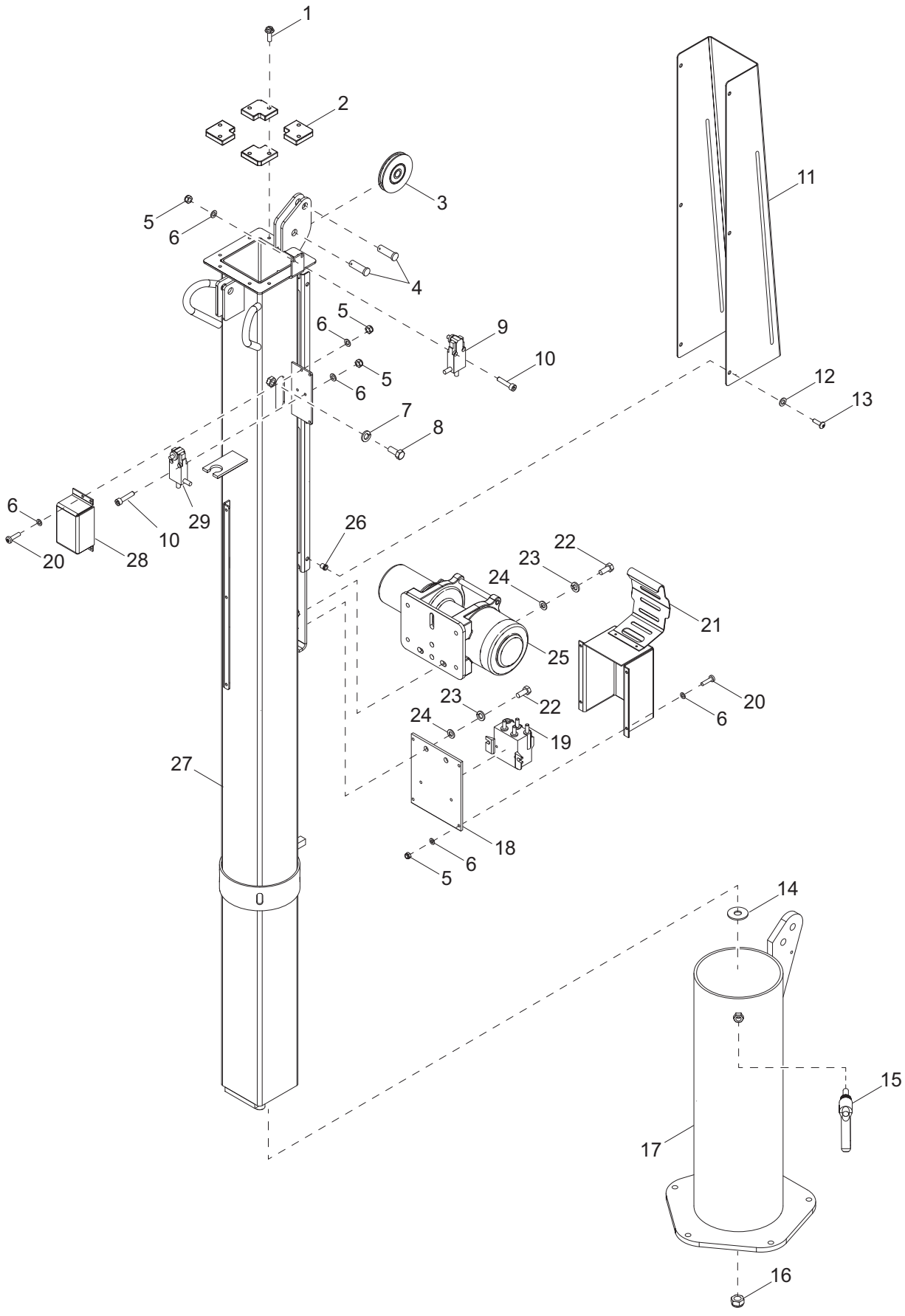
Item	Part No.	Qty	Description	Notes
1	60062	1	Screw, 10-32 x .750 pan Phillips, G2	
2	16143	1	Clamp, tubing .500	
3	73200B	1	Weldment, mast, crossbar	
4	60358	4	Nut, .375-16 nylock, G5	
5	60386	8	Washer, .375 flat .993/.064	
6	60061	1	Nut, 10-32 nylock	
7	60352	4	Screw, .375-16 x 1.250 hex, G5	
8	31264B	1	Weldment, mast - 1.50	
9	63358	16	Screw, .250-20 x .625 hex wash hd	
10	31225	8	Guide	
11	33736	1	Assembly, pulley - vertical mast	
12	63325	4	Pin, clevis .500 diameter x 1.063 UL	
13	31261B	1	Weldment, mast - 2.25	
14	35655	1	Pin, clevis .500 diameter x 1.750 ZP	
15	37465B	1	Weldment, mast - 3.0	
16	14262	1	Sheave, 3.00	
--	31247	1	Cable, .188 x 144 w/ ball swedge	winch cable
--	31248	2	Cable, .188 x 79.750 w/ball swedge	middle cable
--	31277	1	Cable, .188 x 78.0 w/ball swedge	top cable

MAST ASSEMBLY - BOTTOM POST - MANUAL WINCH



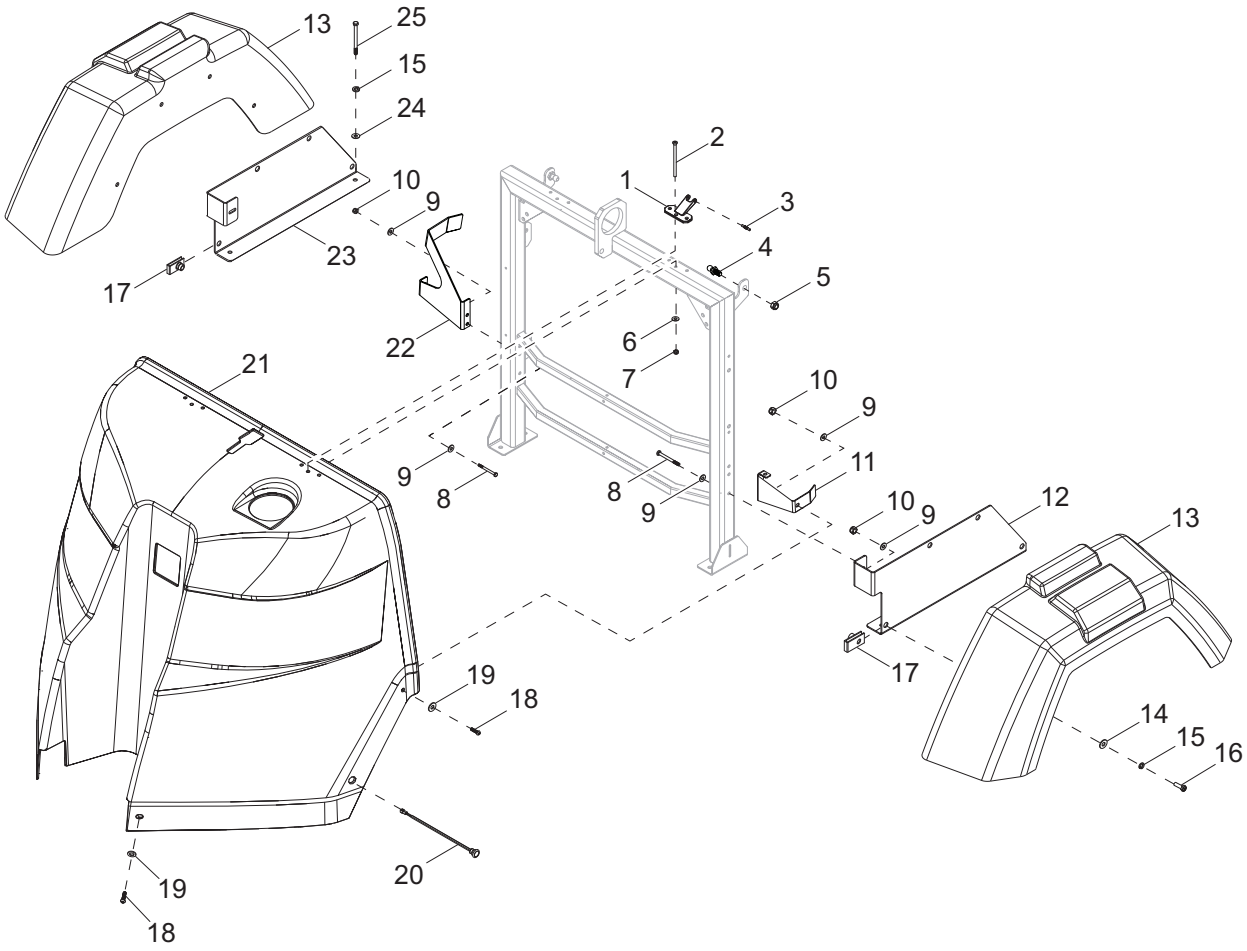
Item	Part No.	Qty	Description	Notes
1	31225	4	Guide	
2	63358	8	Screw, .250-20 x .625 hex washer head	
3	33736	1	Assembly, pulley vertical mast	
4	63325	2	Pin, clevis .500 diameter x 1.063 UL	
5	72116B	1	Guard, cable	
6	60067	6	Washer, #10 flat .435/.060 - SS	
7	60398	6	Screw, 10-32 x .500 pan Phillips - SS	
8	60247	1	Washer, .750 flat 2.020/.130	
9	31218B	1	Weldment, mast rotation tube	
10	36978	1	Handle, .375-16 x 1.0 adjustable	
11	60584	1	Nut, .750-10 nylock, G5	
12	73158B	1	Weldment, mast 4.0 in	
13	60386	3	Washer. .375 flat .993/.064	
14	60206	3	Washer, .375 split lock - hardened	
15	60205	3	Screw, .375-16 x 1.0 hex, G5	
16	72127	1	Winch, manual - 1500 lb, dual handle	
17	32922	6	Insert, threaded 10-32 splined, .020-.130 grip	
18	62269	2	Screw, .375-16 x .75 hex, SS - red	
19	60703	2	Washer, .375 split lock, SS	

MAST ASSEMBLY - BOTTOM POST - ELECTRIC WINCH



Item	Part No.	Qty	Description	Notes
1	63358	8	Screw, .250-20 x .625 hex washer head	
2	31225	4	Guide	
3	33736	1	Assembly, pulley vertical mast	
4	63325	2	Pin, clevis .500 diameter x 1.063 UL	
5	60207	11	Nut, 8-32 nylock, G6	
6	60269	18	Washer, #8 flat ..433/.036	
7	60703	2	Washer, .375 split lock, SS	
8	62269	2	Screw, .375-16 x .75 hex, SS - red	
9	31740	1	Assembly, down switch	
10	67190	4	Screw, 8-32 x 1.125 socket head, SS	
11	72116B	1	Guard, cable - manual winch	
12	60067	6	Washer, #10 flat .435/.060 - SS	
13	60398	6	Screw, 10-32 x .500 pan Phillips - SS (diff. on manual)	
14	60247	1	Washer, .750 flat 2.020/.130	
15	36978	1	Handle, .375-16 x 1.0 adjustable	
16	60584	1	Nut, .750-10 nylock, G5	
17	31218B	1	Weldment, mast rotation tube	
18	37207B	1	Plate, contactor	
19	11293	1	Contactor	hardware included
20	60244	7	Screw, 8-32 x .750 pan Phillips, G2	
21	37468B	1	Weldment, winch cover	
22	60205	5	Screw, .375-16 x 1.0 standard hex, G5	
23	60206	5	Washer, .375 split lock	
24	60386	5	Washer, .375 flat .993/.064	
25	12874	1	Winch, electric - 770 lb hoist	
26	32922	6	Insert, threaded 10-32 splined, .020-.130 grip	
27	73158B	1	Weldment, mast 4.0 in	
28	37205B	1	Cover, up limit switch	
29	31739	1	Assembly, up stop switch	
--	12922	2	Boot, battery cable - red	
--	31742	1	Wire group, electric winch box	
--	31743	1	Harness, winch power cables	
--	72143	1	Harness, winch, stud-contactor	
--	10000028192	1	Harness, electric mast control	

ENCLOSURE ASSEMBLY (1 OF 2)



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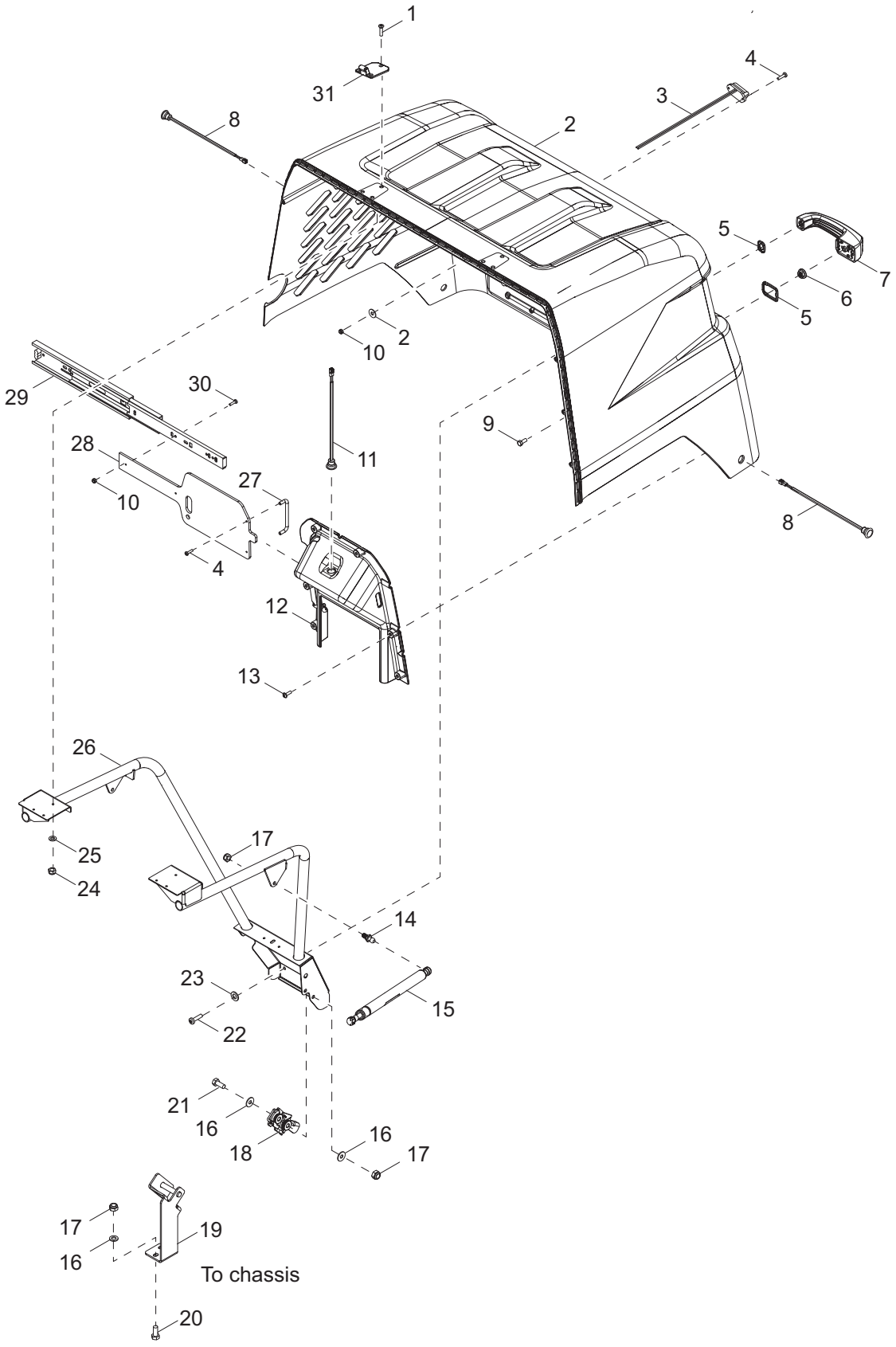
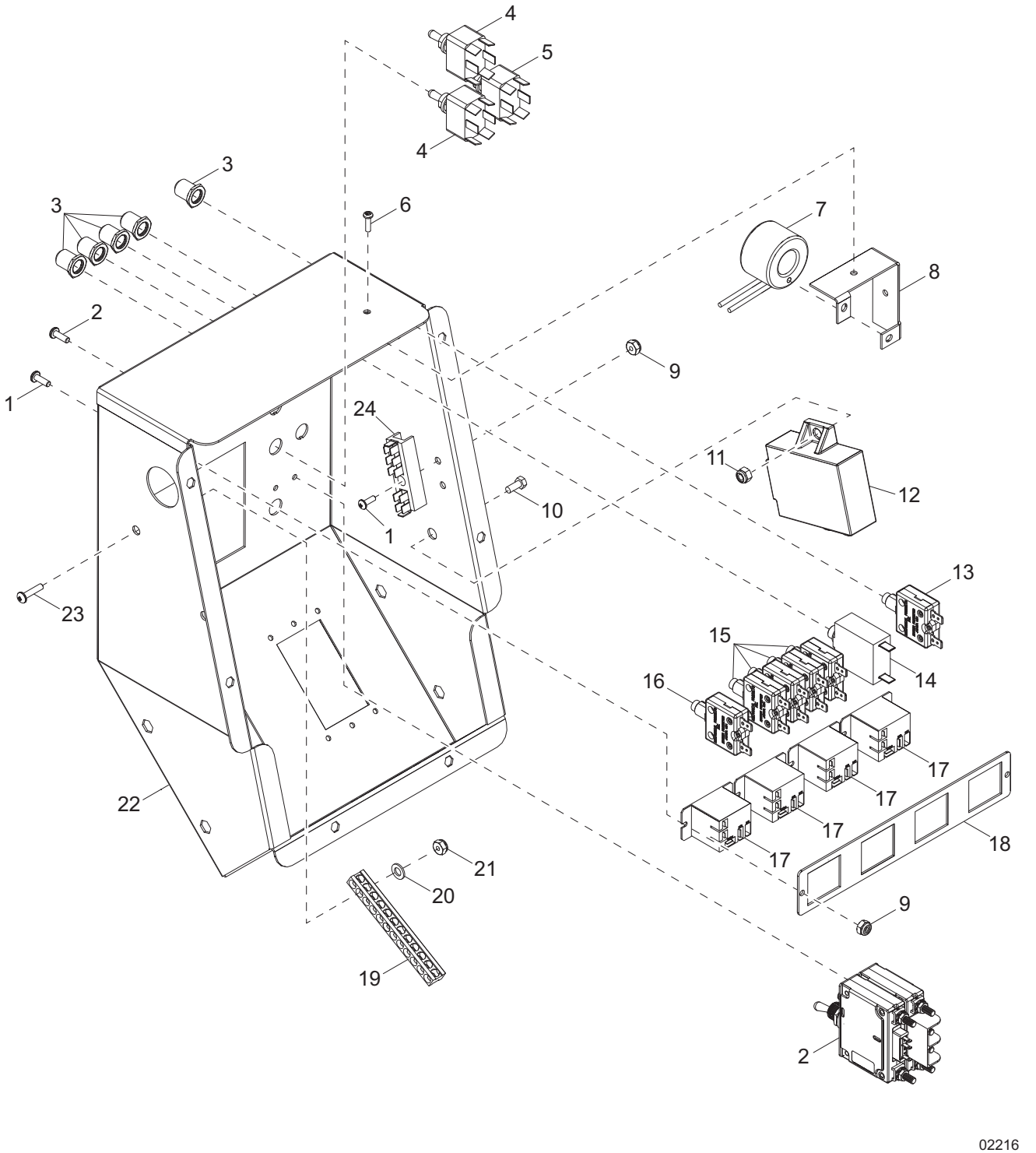
Item	Part No.	Qty	Description	Notes
1	10000022542	2	Hinge, offset housing leaf - front	
2	35282	6	Screw, 10-24 x 3.0 flat head Phillips, SS	
3	10000022543	2	Pin, offset housing hinge - knurled	
4	35293	2	Ball stud, 10mm, .312-18	
5	60303	2	Nut, .312-18 nylock, G2	
6	60237	12	Washer, #10 flat .495/.036	
7	60457	12	Nut, M6-1.0 weld, class 5	
8	61234	6	Screw, .250-20 x 2.750 standard hex, G5	
9	60243	12	Washer, .250 flat .735/.060	
10	60144	8	Nut, .250-20 nylock, G5	
11	10000017357	1	Guide bracket, enclosure meeting -LH	
12	35141B	1	Bracket, mounting fender - left	
13	17982	2	Fender, plastic, 13 in. wheel	
14	60386	8	Washer, .375 flat .993/.064	
15	60271	8	Washer, .312 split lock	
16	60028	8	Screw, .312-18 x 1.0 standard hex, G5	
17	62086	8	Nut, .312-18 U-clip - short type	
18	68070	4	Screw, .250-20 x 1.00 button hex, SS	
19	60696	6	Washer, .250 flat .625/.050, SS	
20	36961	2	Assembly, amber side marker light	
21	10000012597	1	Enclosure, front cover	
22	10000017378	1	Guide bracket, enclosure meeting -RH	
23	35216B	2	Bracket, mounting fender - right	
24	60119	6	Washer, .312 flat .875/.070	
25	60404	4	Screw, .312-18 x 1.250 standard hex, G5	

ENCLOSURE ASSEMBLY (2 OF 2)



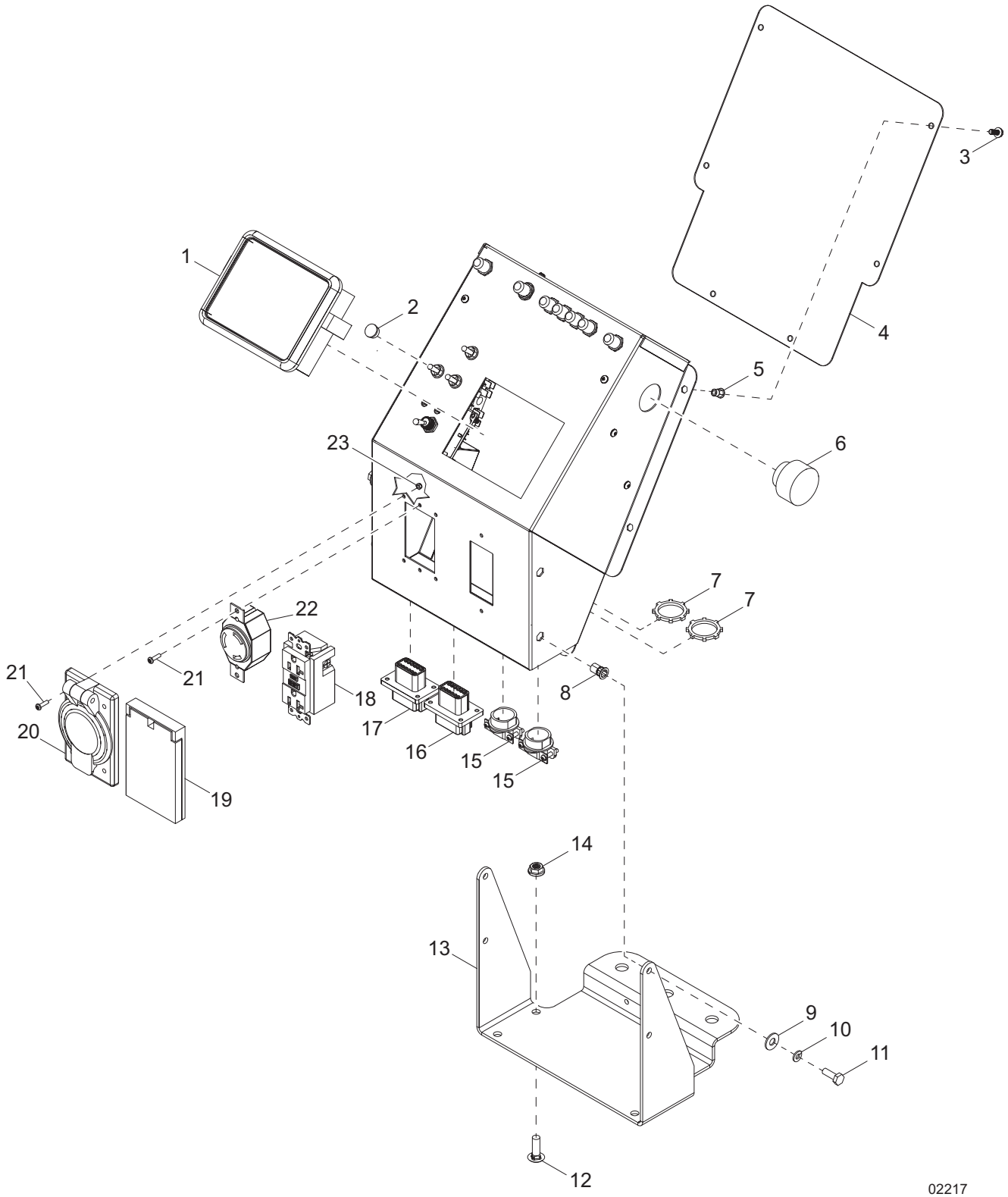
Item	Part No.	Qty	Description	Notes
1	35290	6	Screw, 10-24 x 1.00 flat Phillips, SS	
2	10000012638	1	Housing, rear textured - orange	
3	36963	1	Assembly, license plate light	
4	60694	4	Screw, 8-32 x .750 pan Phillips, SS	
5	70216	1	Gasket, kit handle, push button	
6	60036	1	Nut, M6-1.00 serrated flange, G8.8	
7	35138	1	Handle, push-button padlock	
8	36962	2	Assembly, red side marker	
9	60335	1	Screw, M6-1.00 x 25 standard hex, SS	
10	60270	4	Nut, 8-32 nylock, class 6	
11	36964	1	Assembly, controls light	
12	10000012596	1	Bezel, control panel textured - black	
13	10000017348	6	Screw, D60-2.14 x 20TRWH	
14	35293	2	Ball stud, 10mm, .313-18	
15	35137	2	Gas shock, 120 lb	
16	60119	6	Washer, .312 flat .875/.070	
17	60303	6	Nut, .312-18 nylock, G2	
18	35139	1	Latch, rotary	
19	37178B	1	Mount, door latch striker	
20	61066	2	Screw, .312-18 x 1.00 carriage square - SS	
21	62001	2	Screw, .312-18 x 1.250 standard hex, G5	
22	60146	3	Screw,	
23	60243	3	Washer, .250 flat .735/.060	
24	60457	6	Nut, 10-24 nylock, G2 ZC	
25	60237	2	Washer, #10 flat .495/.036 ZC	
26	37012B	1	Weldment, enclosure structure	
27	37123	1	Handle, control box cover	
28	10000017623	1	Cover, sliding control panel	
29	36914	1	Slide, control box cover	
30	62054	2	Screw, 8-32 x .500 pan Phillips - SS	
31	10000022523	2	Hinge, leaf offset housing - rear	
--	60335	1	Screw, M6-1.00 x 25 standard hex, SS	
--	60375	1	Clamp, tubing - .312 lt duty	

CONTROL BOX ASSEMBLY (1 OF 2)



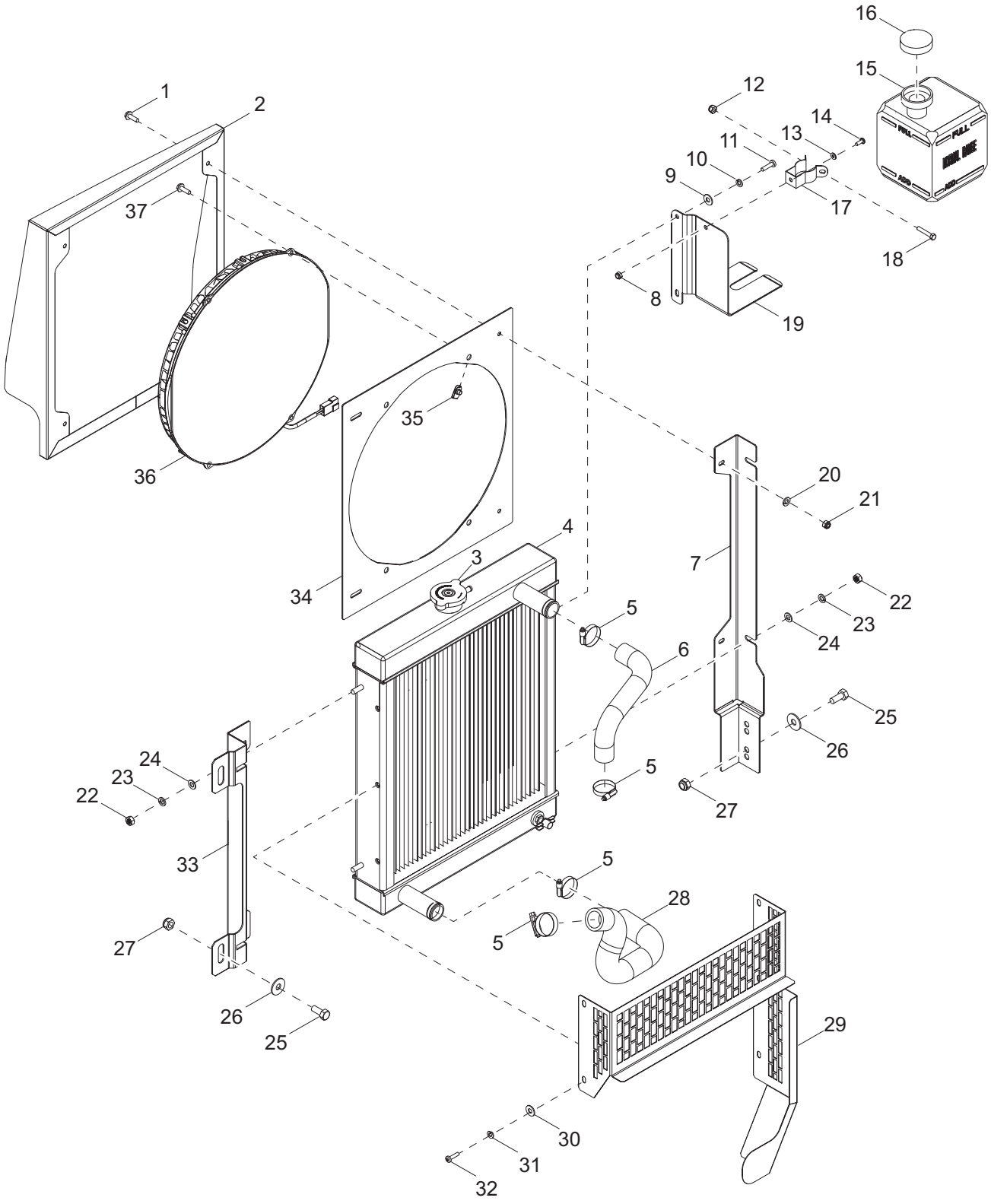
Item	Part No.	Qty	Description	Notes
1	62054	3	Screw, 8-32 x .500 pan Phillips,- SS	
2	36975	2	Breaker, 30A main	with hardware
3	36938	7	Boot, push button breaker	
4	68508	2	Switch, toggle SPST on-off 12A, 125V	
5	65707	1	Switch, toggle SPDT spring - weatherproof	electric mast only
6	62210	2	Screw, 6-32 x .50 pan Phillips - SS	
7	66255	2	Transformer, current	
8	38449B	1	Bracket, CT mount	
9	60270	5	Nut, 8-32 nylock, G6	
10	60281	1	Screw, .250-20 x .750 hex, G5	
11	60144	1	Nut, .250-20 nylock, G5	
12	73221	1	Controller, idle	
13	36937	1	Breaker, 10A DC	
14	65849	1	Breaker, 20A, 120V, 1 pole - push button	
15	75030	4	Breaker, 5A, 240V, 1 pole - push button	
16	36935	1	Breaker, 15A, 250V, 1 pole	
17	29759	4	Relay, 12V coil 120-240 VAC rated	
18	38447B	1	Bracket, relay	
19	14204	1	Kit, ground bar	
20	60252	2	Washer, #10 split lock	
21	60318	2	Nut, 8-32 Hex, G5	
22	69931B	1	Box, control - PZ	
23	60406	2	Screw, 8-32 x 1.00 pan Phillips, G2	
24	69680	1	Terminal block, 5 & 7 position	

CONTROL BOX ASSEMBLY (2 OF 2)



Item	Part No.	Qty	Description	Notes
1	10000007835	1	Controller, Deep Sea - programmed rev C	
2	65798	1	Plug, hole ,466 x .06 - black	manual mast only
3	62254	6	Screw, 10-32 x .500 serrated flange hex - SS	
4	69962B	1	Cover, control panel box	
5	62234	6	Insert, 10-32 hex, .020-.130 grip, threaded	
6	73217	1	Horn, alarm 6-28VDC	
7	16300	2	Nut, .750 Romex strain relief	
8	63231	4	Insert, .250-20 hex, .027-.165 grip, threaded	
9	60243	4	Washer, .250 flat .735/.060	
10	60286	4	Washer, .250 split lock	
11	60281	4	Screw, .250-20 x .750 hex, G5	
12	61066	4	Screw, .312-18 x 1.0 carriage - SS	
13	38409B	1	Bracket, control box mounting	
14	60095	4	Nut, .312-18 serrated flange - case hardened	
15	14219	2	Strain relief, .75 Romex w/nut	
16	66695	1	Connector, Duetsch 12 position - flange DT	
17	69657	1	Connector, Duetsch 12 position - flange C key	
18	14130	1	Receptacle, 120V/20A GFI	
19	37017	1	Cover, receptacle 20A GFCI single - weatherproof	
20	36939	1	Cover, receptacle 20/30A - weatherproof	
21	62210	6	Screw, 8-32 x .500 pan Phillips - SS	
22	14137	1	Receptacle, 250V/ 30A twist	
23	60728	6	Nut, 6-32 nylock, G5	
--	75020	1	Harness, control box	

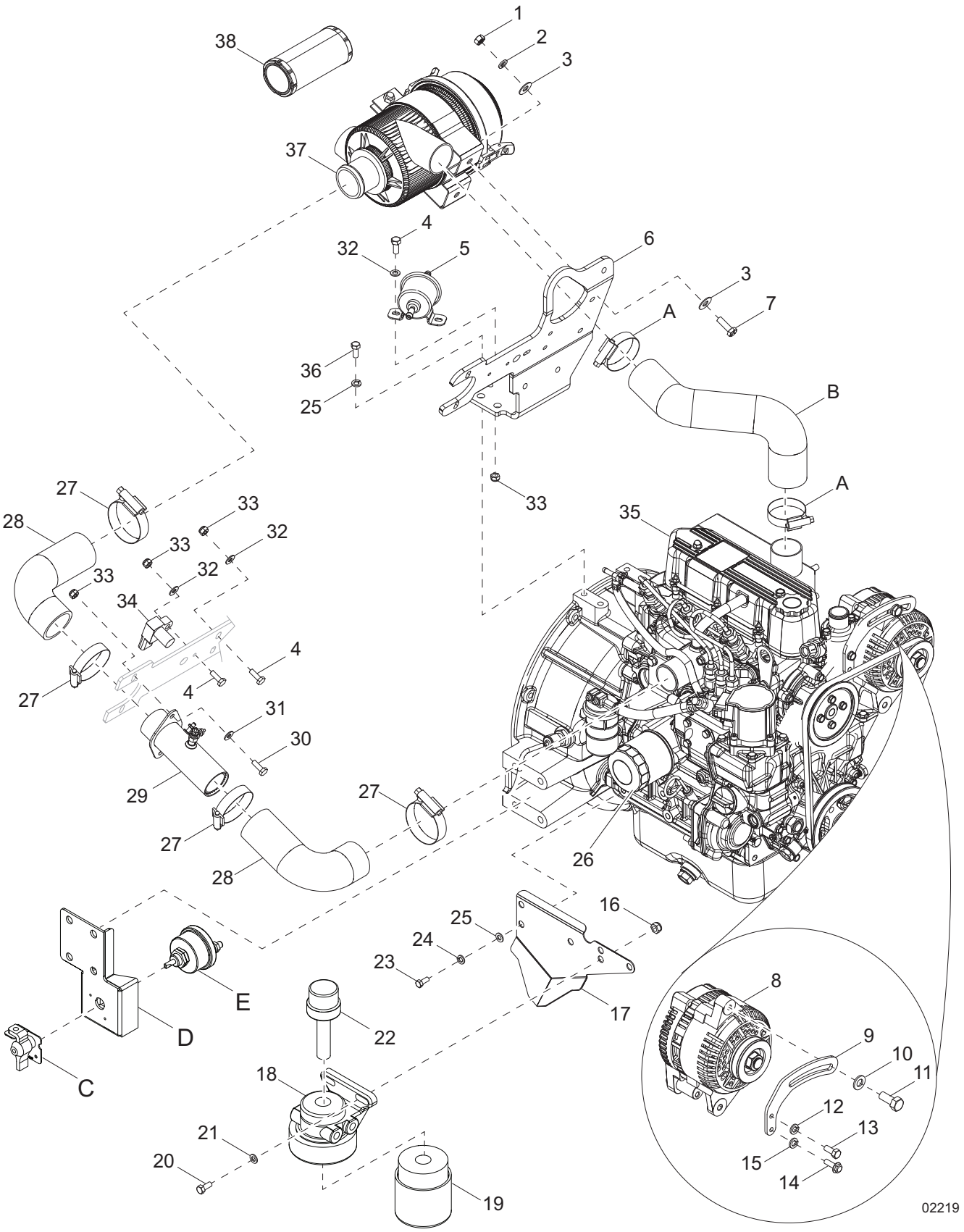
COOLING SYSTEM ASSEMBLY



02463

Item	Part No.	Qty	Description	Notes
1	60528	4	Screw, .250-20 x .625 serrated flange hex, G5	
2	10000020036	1	Air deflector, radiator mount	
3	19219	1	Cap, radiator pressure small - 14.7 psi	
4	10000020162	1	Radiator	
5	15422	4	Clamp, hose - SAE 020 (.75-1.75)	
6	32383SRV	1	Hose, radiator - upper	
7	10000022973	1	Bracket, radiator mount, left	
8	60061	1	Nut, 10-32 nylock	
9	60243	2	Washer, .250 flat .735/.060	
10	60286	2	Washer, .250 split lock	
11	60146	2	Screw, M6-1.00 x 20 pan Phillips, G4.8	
12	60144	1	Nut, .250-20 nylock, G5	
13	60067	1	Washer, #10 flat .435/.060 - SS	
14	60398	1	Screw, #10-32 x .500 pan Phillips - SS	
15	20287	1	Jug, overflow 2 qt. (.5 gal)	
16	19714	1	Cap, overflow jug	
17	19726	1	Clamp, overflow bottle	
18	60414	1	Screw, .250-20 x 1.50 standard hex, G5	
19	10000024062	1	Bracket, overflow jug	
20	60119	4	Washer, .312 flat .875/.070	
21	60144	4	Nut, .250-20 nylock, G5	
22	60032	2	Nut, M8-1.25 hex, G8.8	
23	60029	4	Washer, M8 split lock	
24	60166	4	Washer, M8 flat	
25	60052	4	Screw, .375-16 x .750 standard hex, G5	
26	60386	4	Washer, .375 flat .993/.064	
27	60358	4	Nut, .375-16 nylock, G5	
28	16688SRV	1	Hose, radiator - lower	
29	10000023577	1	Guard, radiator mount	
30	60243	5	Washer, .250 flat .735/.060 - SS	
31	60286	5	Washer, .250 split lock	
32	60146	5	Screw, M6-1.00 x 20 pan Phillips, G4.8	
33	10000022984	1	Bracket, radiator mount, right	
34	76185B	1	Bracket, electric fan mounting	
35	61143	4	Nut, .250-20 u-clip - short type	
36	76187	1	Fan, 14.0 diameter electric, 12V	
37	60523	4	Screw, .250-20 x .875 serrated flange hex	

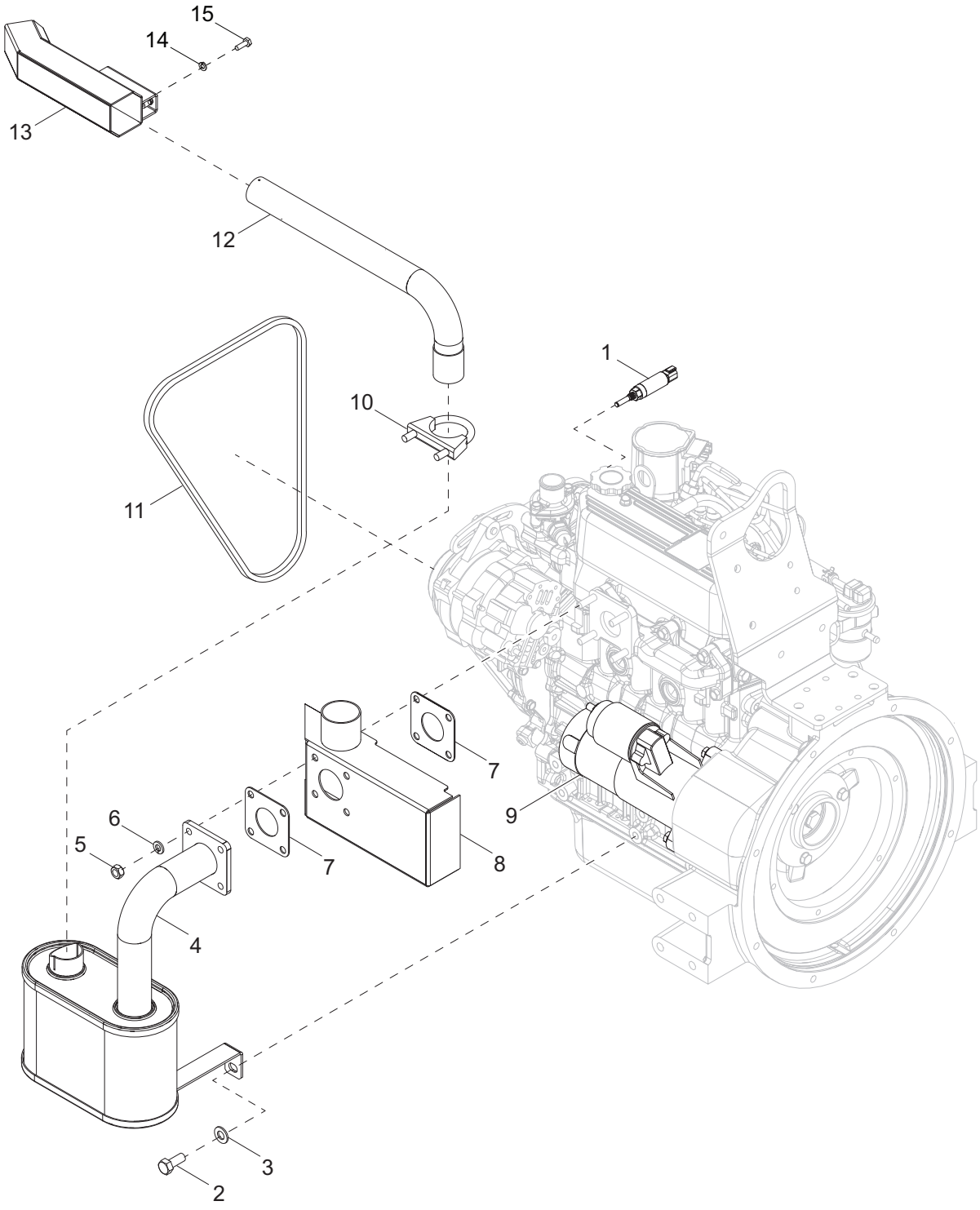
ENGINE ASSEMBLY (1 OF 2)



Item	Part No.	Qty	Description	Notes
1	60285	2	Nut, .312-18 hex, G2	
2	60271	2	Washer, .312 split lock	
3	60119	4	Washer, .312 flat .875/.07	
4	60393	3	Screw, .250-20 x 1.00 standard hex, G5	
5	13278SRV	1	Pump, fuel	
6	72094B	1	Bracket, air cleaner	
7	60028	2	Screw, .312-18 x 1.00 standard hex, G5	
8	72129	1	Alternator, 12V, 60A	
9	73193B	1	Bracket, alternator	
10	60031	1	Washer, M8 flat	
11	60074	1	Screw, M8-1.25 x 65 standard hex, G8.8	
12	60029	2	Washer, M8 split lock	
13	63168	1	Screw, M8-1.25 x 30 standard hex	
14	60115	1	Screw, M6-1.00 x 12 serrated flange hex, G8.8	
15	60704	1	Washer, .250 split lock - SS	
16	60358	2	Nut, .375-16 nylock, G5	
17	72060B	1	Plate, oil deflector	
18	17641	1	Filter, fuel - head	
19	17647	1	Filter, fuel - element	
20	60352	2	Screw, .375-16 x 1.250 standard hex, G5	
21	60119	2	Washer, .312 flat .875/.070	
22	13876	1	Heater, fuel filter	
23	60422	4	Screw, M10-1.125 x 25 standard hex, G8.8	
24	60026	7	Washer, M10 split lock	
25	60386	3	Washer , .375 flat .993/.064	
26	10000014392	1	Filter, oil	
27	60316	4	Clamp, hose - SAE 032 (1.56-2.50)	
28	70100	1	Hose, intake heater	
29	72142	1	Assembly, intake heater	
30	60281	2	Screw, .250-20 x .750 hex, G5	
31	60696	2	Washer, .250 flat .625/.050, SS	
32	60243	3	Washer, .250 flat .735/.060	
33	60144	5	Nut, .250-10 nylock, G5	
34	72175	1	Sensor, atmospheric pressure	
35	72155	1	Engine, Mitsubishi, L3E - T4	
36	60422	4	Screw, M10-1.25 x 25 standard hex, G8.8	
37	34066	1	Filter, air w/bracket	
38	16444	1	Element, air filter	
OPTIONAL FEATURES				
Cold Weather Package:				
A	60316	2	Clamp, hose - SAE 032 (1.56-2.50)	
B	72131	1	Hose, air intake	
Battery Disconnect				
C	65499	1	Switch lockout lever kit	
D	10000008538	1	Bracket, battery disconnect	
E	65498	1	Switch, disconnect	

Note: *Engine parts used in all Generac Mobile 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 Generac Mobile Products, LLC with questions*

ENGINE ASSEMBLY (2 OF 2)



Item	Part No.	Qty	Description	Notes
1	10000008988	1	Switch, NC intake heater	
2	60422	2	Screw, M10-1.25 x 25 standard hex, G8.8	
3	60027	2	Washer, M10 flat	
4	76191	1	Muffler, side exhaust	
5	60032	4	Nut, M8-1.25 hex, G8.8	
6	60271	4	Washer, .312 split lock	
7	11042SRV	2	Gasket, muffler	
8	73169BH	1	Weldment, exhaust heat shield	
9	16833	1	Starter	
10	25455	1	Clamp, muffler 1.50	
11	72177	1	Belt, cold weather - 36.50 in	
12	69951BH	1	Tube, exhaust	
13	76924B	1	Shield, exhaust	
14	60286	2	Washer, .250 split lock	
15	60281	2	Screw, .250-20 x .750 standard hex	
--	75011	1	Harness, engine MLT6SMD	
--	75009	1	Harness, accessory MLT6SMD	
--	10000009076	1	Harness, temperature control - fan and intake heater	

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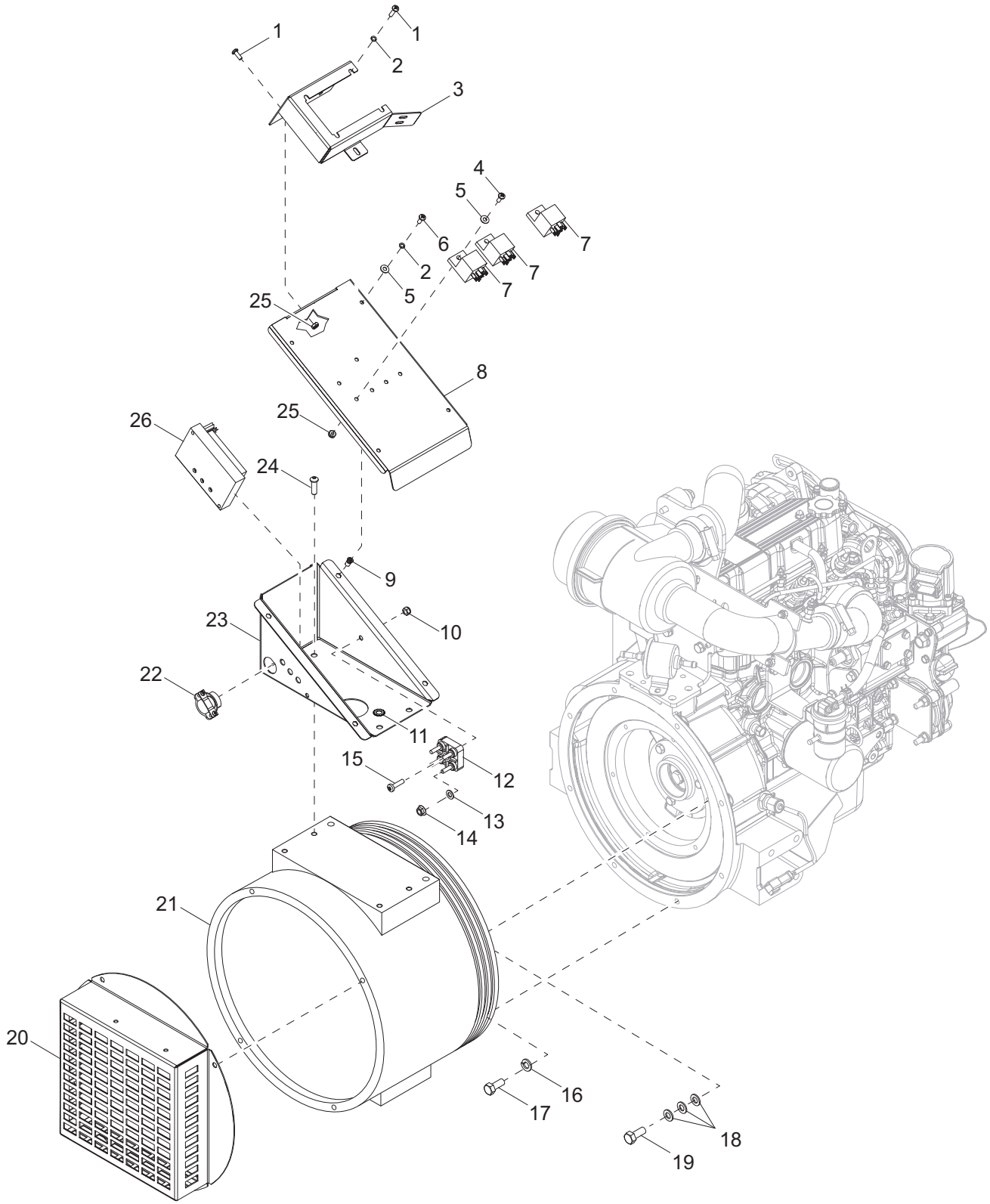
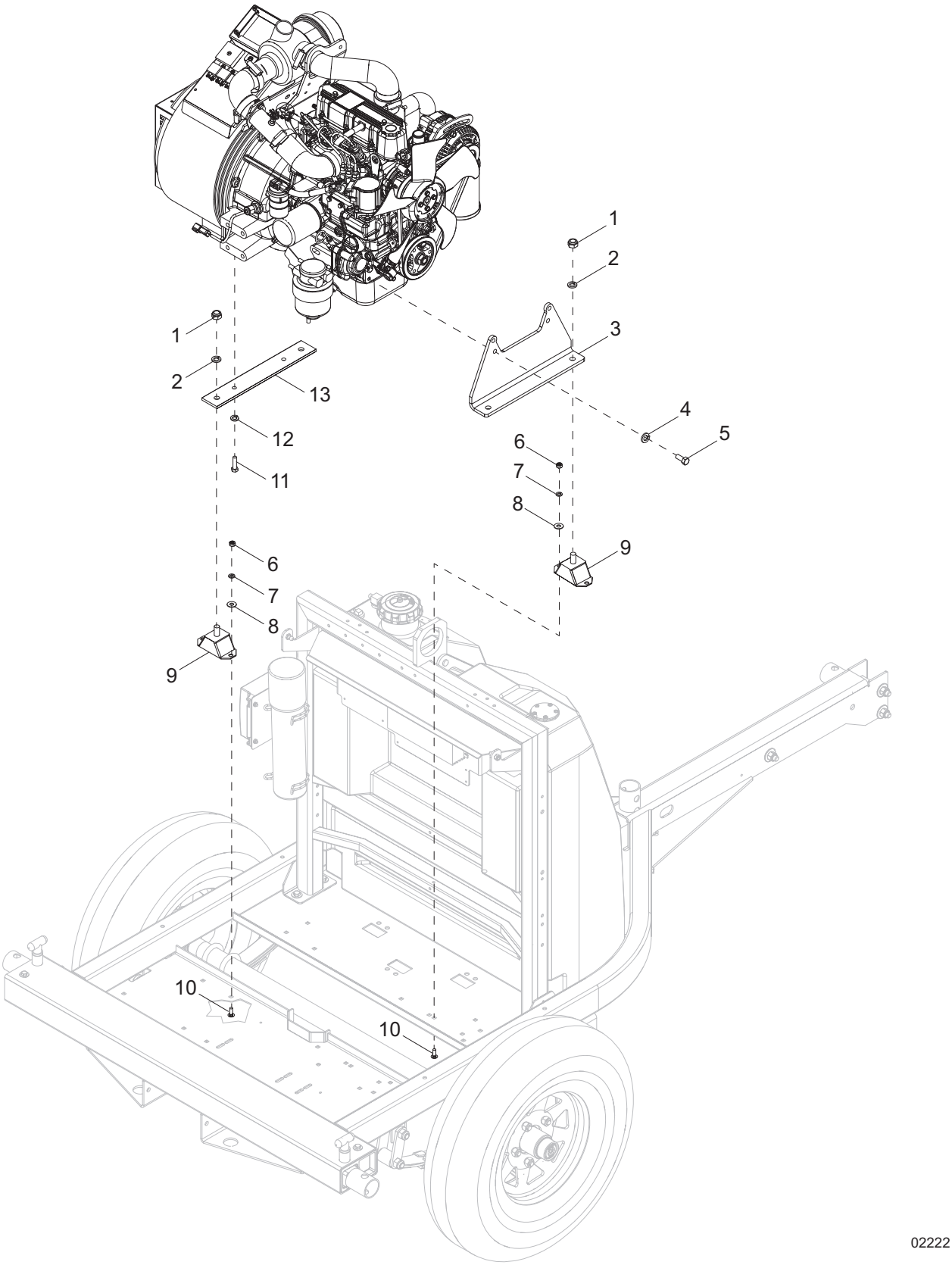
GENERATOR ASSEMBLY



Item	Part No.	Qty	Description	Notes
1	60398	7	Screw, 10-32 x .500 pan Phillips, G2	
2	60252	8	Washer, #10 split lock	
3	69956B	1	Box, Bussman cover	
4	60277	5	Screw, 10-32 x .500 pan Phillips, G2	
5	60237	7	Washer, #10 flat .495/.036	
6	60062	4	Screw, 01-32 x .750 pan Phillips, G2	
7	66455	3	Relay, 12V, 70A N.C./80A N.O. w/diode	
8	76914B	1	Cover, generator box	
9	62234	4	Insert, #10-32 hex .020-.130 grip - threaded	
10	60457	1	Nut, 10-24 nylock, G2	
11	60053	1	Washer, .375 external star	
12	65519	1	Block, terminal - 4 pole stud type	
13	60067	1	Washer, #10 flat .435/.060 - SS	
14	60036	4	Nut, M6-1.00 serrated flange, G8.8	
15	60540	1	Screw, 10-24 x .750 pan Phillips - SS	
16	60026	8	Washer, M10 split lock	
17	60494	8	Screw, M10-1.25 x 30 standard hex, G8.8	
18	60166	18	Washer, M8 flat	
19	60165	6	Screw, M8-1.25 x 16 standard hex, G10	
20	69905B	1	Cover, generator	
21	13740	1	Generator, Marathon, 8KW	
22	14219	1	Strain Relief, .750 Romex w/nut	
23	72057B	1	Box, generator base	
24	72162	4	Screw, M8-1.25 x 20 button hex, G10.9	
25	60061	7	Nut, 10-32 nylock	
26	10000009795	1	Regulator, voltage	hardware included

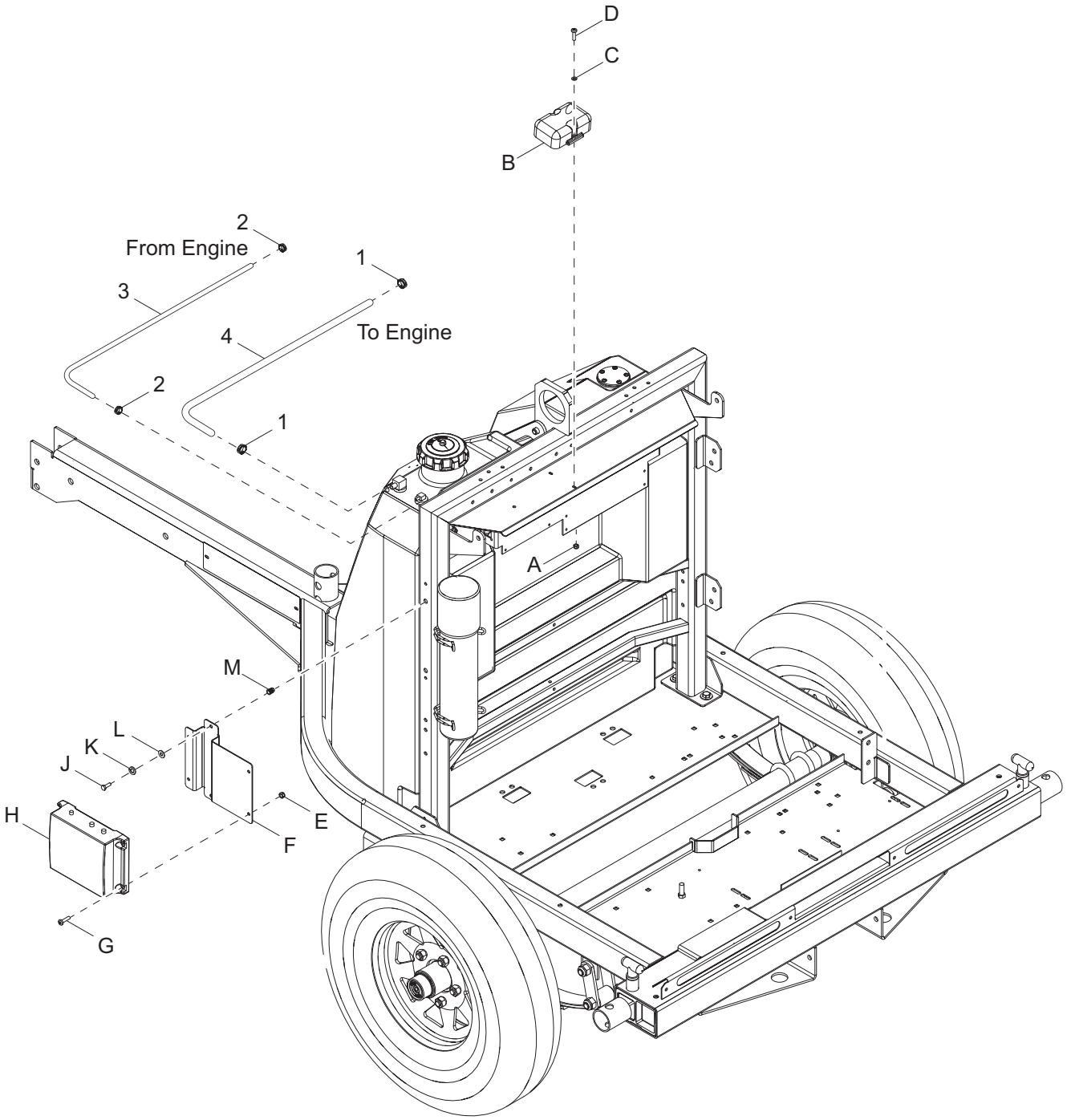
Note: *Generator parts used in all Generac Mobile Products, LLC equipment carry the Original Equipment Manufacturer (OEM) warranty unless otherwise stated. OEM warranty parts must be purchased through an OEM dealer. Please contact Generac Mobile Products, LLC with questions.*

ENGINE AND GENERATOR TO UNIT



Item	Part No.	Qty	Description	Notes
1	62221	4	Nut, .500-13 nylock, G5	
2	60309	4	Washer, .500 flat 1.060/.090	
3	37030B	1	Bracket, front engine mount	
4	60026	4	Washer, M10 split lock	
5	60422	4	M10-1.25 x 25 standard hex, G8.8	
6	60285	8	Nut, .312-18 hex, G2	
7	60271	8	Washer, .312 split lock	
8	60119	8	Washer, .312 flat .875/.070	
9	17948	4	Isolator, rubber - 150 lbs.	
10	61066	8	Screw, .312-18 x 1.00 carriage - SS	
11	60352	2	Screw, .375-16 x 1.250 standard hex, G5	
12	60206	2	Washer, .375 split lock	
13	15045B	1	Bracket, generator mounting	

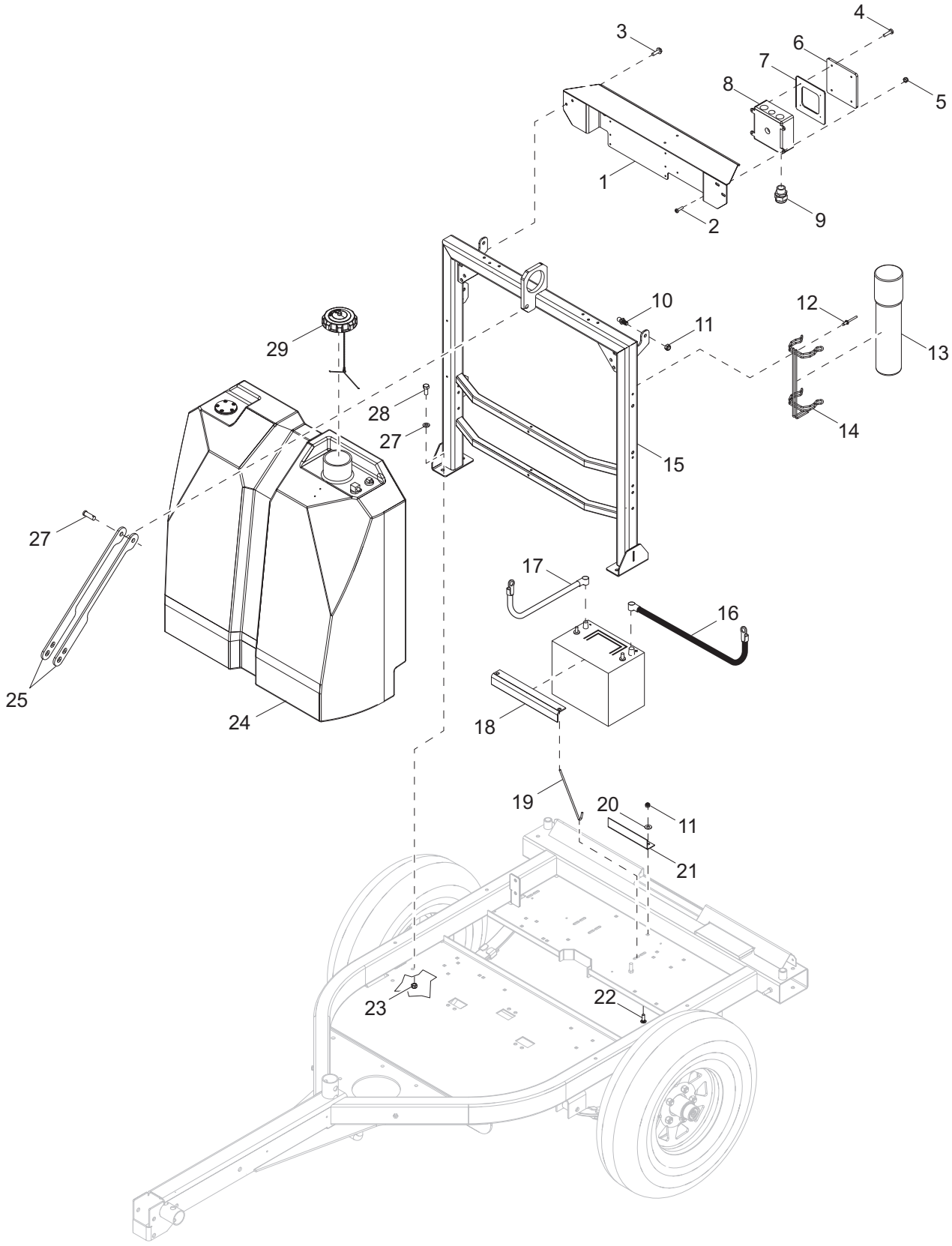
COMPONENTS TO TRAILER ASSEMBLY (1 OF 2)



02223

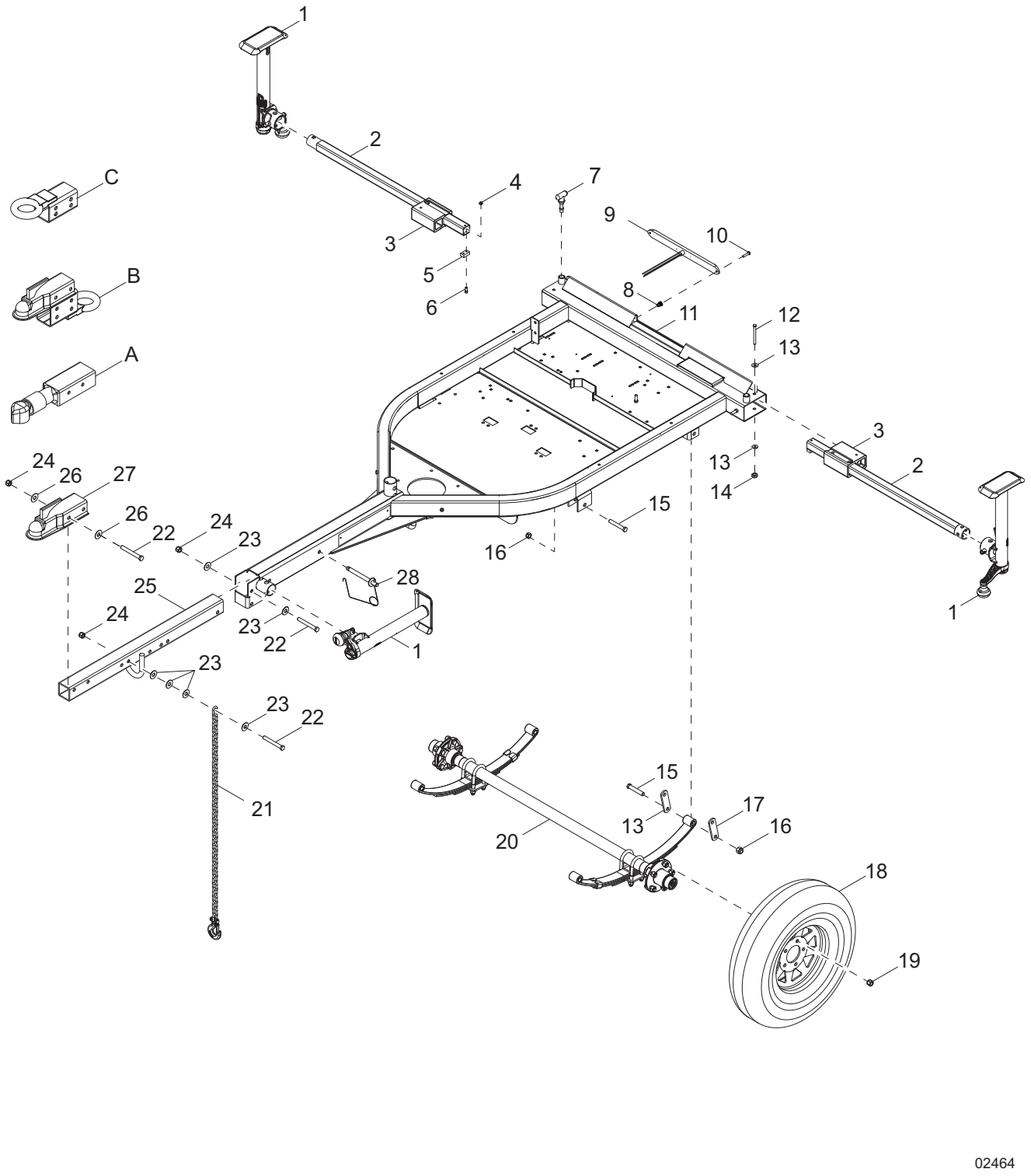
Item	Part No.	Qty	Description	Notes
1	60788	2	Clamp, hose .188 - crimp style	
2	60777	2	Clamp, hose .312 - crimp style	
3	14211	4.25 ft	Hose, fuel .188ID, 50 psi - SAE 30R7	
4	50018	3.33 ft	Hose, fuel .312ID, 50 psi - SAE 30R7	
OPTIONAL FEATURES				
Telemetry:				
A	60061	2	Nut, 10-32 nylock	
B	37731	1	Telemetry, ZTR - M6H	
C	60237	2	Washer, #10 flat .495/.036	
D	60062	2	Screw, 10-32 x .750 pan Phillips, G2	
Battery Charger:				
E	60415	4	Nut, 10-32 nylock	
F	73218B	1	Bracket, battery charger	
G	60062	4	Screw, 10-32 x .750 pan Phillips, G2	
H	66212	1	Charger, battery 2-5A/1-10A, 3 stage, 2 output	
J	60281	2	Screw, .250-20 x .750 hex, G5	
K	60286	2	Washer, .250 split lock	
L	60243	2	Washer, ,250 flat .735/.060	
M	63132	2	Insert, .250-20 splined .027-.165 grip - threaded	
--	68836	1	Harness, 12V, DC charger	

COMPONENTS TO TRAILER ASSEMBLY (2 OF 2)



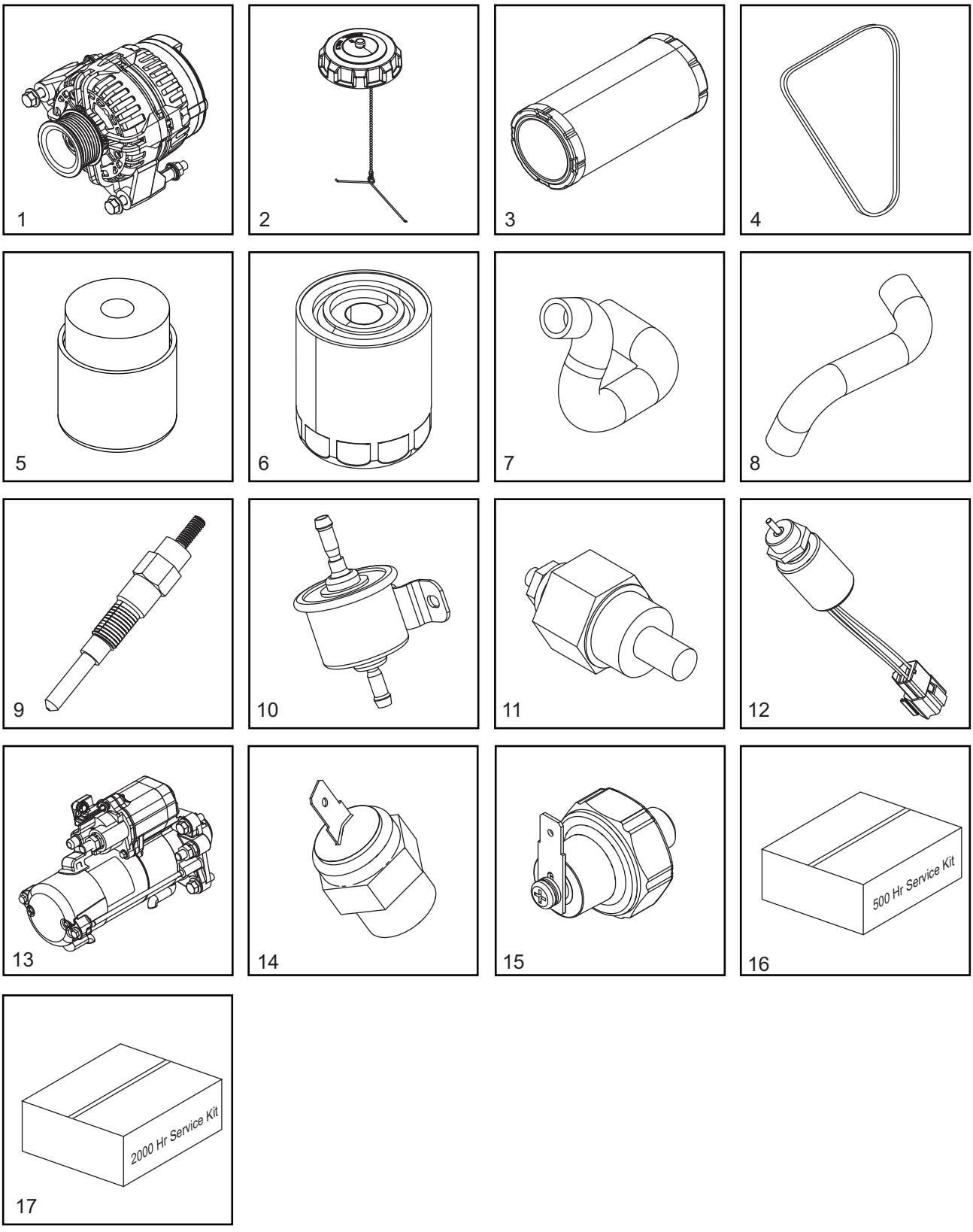
Item	Part No.	Qty	Description	Notes
1	54203B	1	Weldment, driver support	
2	60244	4	Screw, 8-32 x .750 pan Phillips, G2	
3	60107	4	Screw, .250-20 c .750 serrated flange hex	
4	60424	4	Screw, 6-32 x .750 pan Phillips, G2 - self-threading	
5	60270	4	Nut, 8-32 nylock, G6	
6	12109	1	Cover, box	
7	13749SRV	1	Gasket, junction box	
8	12094	1	Box, junction	
9	14656	1	Strain relief, .750 NPT .545/.709 ID - water tight	
10	35293	2	Ball stud, 10mm, .313-18	
11	60303	4	Nut, .312-18 nylock, G2	
12	60195	2	Rivet, .188 diameter. x .375 to .500 grip	
13	11121	1	Manual holder tube, black 14 in	
14	11222	1	Bracket, manual holder	
15	10000023283	1	Weldment, lift support	
16	10699	1	Cable, battery 4 gauge - black	
17	15074	1	Cable, battery 4 gauge - red	
18	12924B	1	Angle, battery hold-down	
19	14146	2	Bolt, J, .250-20 x 10.0	
20	60119	2	Washer, .312 flat .875/.07	
21	17992B	1	Bracket, battery stop	
22	61066	2	Screw, .312-18 x 1.00 carriage - SS	
23	60358	4	Nut, .375-16 nylock, G5	
24	69919	1	Tank, fuel - 42 gallon w/sending unit	
25	39660B	2	Bar, chassis support	
26	63325	1	Pin, clevis - .500 diameter. x 1.063 UL, ZP	
27	60386	4	Washer, .375 flat .993-.064	
28	60352	4	Screw, .375-16 x 1.250 standard hex, G5	
29	16326	1	Cap, fuel, 3.5 diameter., diesel, vent w/tether	
--	66100	6	Connector, 2 position	

TRAILER ASSEMBLY



Item	Part No.	Qty	Description	Notes
1	72126	3	Jack, top wind - 1200 lb, tube mounted	
2	70230ZY	2	Weldment, outrigger tube	
3	36869	2	Guide block (molded) - outrigger	
4	60144	4	Nut, .250-20 nylock, G5	
5	72128	2	Pad/stop, wear - outrigger	
6	73196	4	Screw, .250-20 x 2.25 socket head	
7	36890	3	Spring pin, handle	
8	73092	4	Insert, #8-32 .020-.080 grip - close sealed	
9	36960	2	Assembly, tail light	
10	60694	4	Screw, 8-32 x .750 pan Phillips	
11	10000021817	1	Weldment, lt chassis	
12	60404	2	Screw, .312-18 x 4.00 standard hex, G5	
13	60119	4	Washer, .312 flat .875/.070	
14	60303	2	Nut, .312-18, nylock, G2	
15	60503	6	Screw, shackle, .562-18 x 3.00 standard hex, G5	
16	60504	6	Nut, .562-18 lock hex, G5	
17	19637	4	Plate, shackle bracket - 3.125”	
18	15976B	2	Wheel, ST175/8013 - 1360 lb	
19	60096	10	Nut, .500-20 lug, G5	
20	34760	1	Axle, 2200lb 47TC 35SC	
21	23367	2	Chain, safety - 7800 lbs rated	
22	50215	5	Screw, .500-13 x 4.00 standard hex, G5	
23	60416	10	Washer, .500 flat 1.375/.090	
24	62221	5	Nut, .500-13 nylock, G5	
25	17969B	1	Weldment, tilt tongue	
26	60309	4	Washer, .500 flat 1.060/.090	
27	16830	1	Coupler, 2.00 ball/2.50 channel	
28	33943	2	Pin, locking .500 x 3.50	
--	68348	1	Harness, trailer wiring, tandem tow	
--	68324	1	Harness, trailer enclosure front	
--	10000020727	1	Assembly, harness extension loomed	
OPTIONAL FEATURES				
Hitch Options				
A	13003B	1	Coupler, 2.00 ball/3.00 channel, Bulldog	
B	34792ZC	1	Weldment, combination hitch - 2.50 tongue	
C	16835B	1	Weldment, lunette ring 3.00 ID - 2.50 tongue	
--	65548	1	Adapter, 4 pin flat to 4 pin flat x 12.00	

RECOMMENDED SPARE PARTS - ENGINE AND SERVICE KITS - MITSUBISHI



02465

ENGINE

1. Alternator 72129
2. Cap, fuel tank with lanyard 16326
3. Filter, air (element) 16444
4. Belt 72177
5. Filter, fuel, Mitsubishi 17647
6. Filter, oil, Mitsubishi 10000014392
7. Hose, radiator - lower 16688SRV
8. Hose, radiator - upper 32383SRV
9. Plug, glow 16693
10. Pump, fuel 13278SRV
11. Sender, coolant temp 12873
12. Solenoid, fuel shutdown 16683
13. Starter 16833
14. Switch, coolant temperature 16678
15. Switch, oil pressure 16677

SERVICE KITS

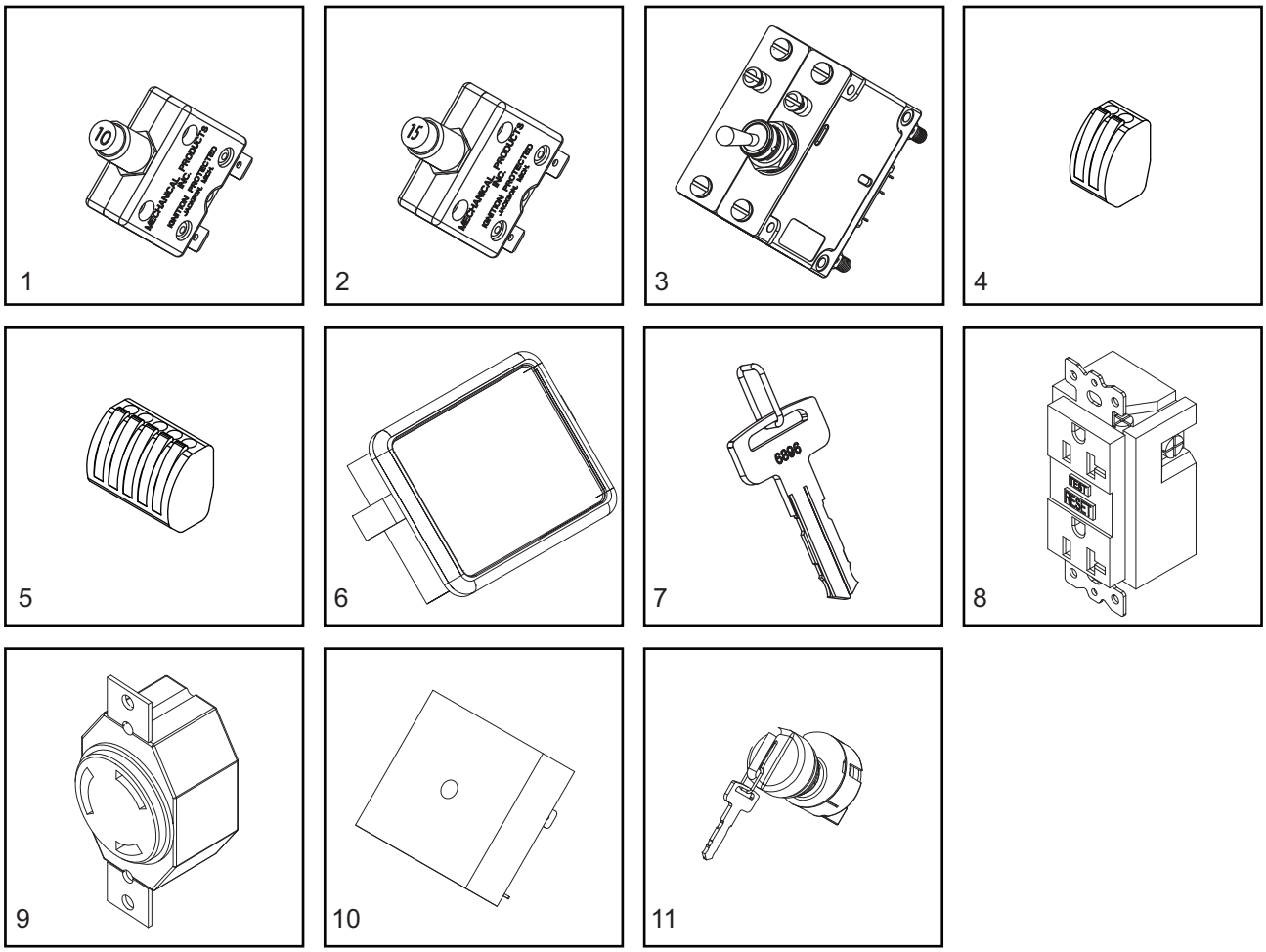
16. 750 hour kit SK334

Includes: Primary Air Filter 16444, Fuel Filter Element 17647 and Oil Filter 10000014392

17. 3000 hour kit SK335

Includes: Engine Belt 72177 (2), Air Filter16444 (4), Fuel Filter Element 17647(4), and Oil Filter 10000014392 (4)

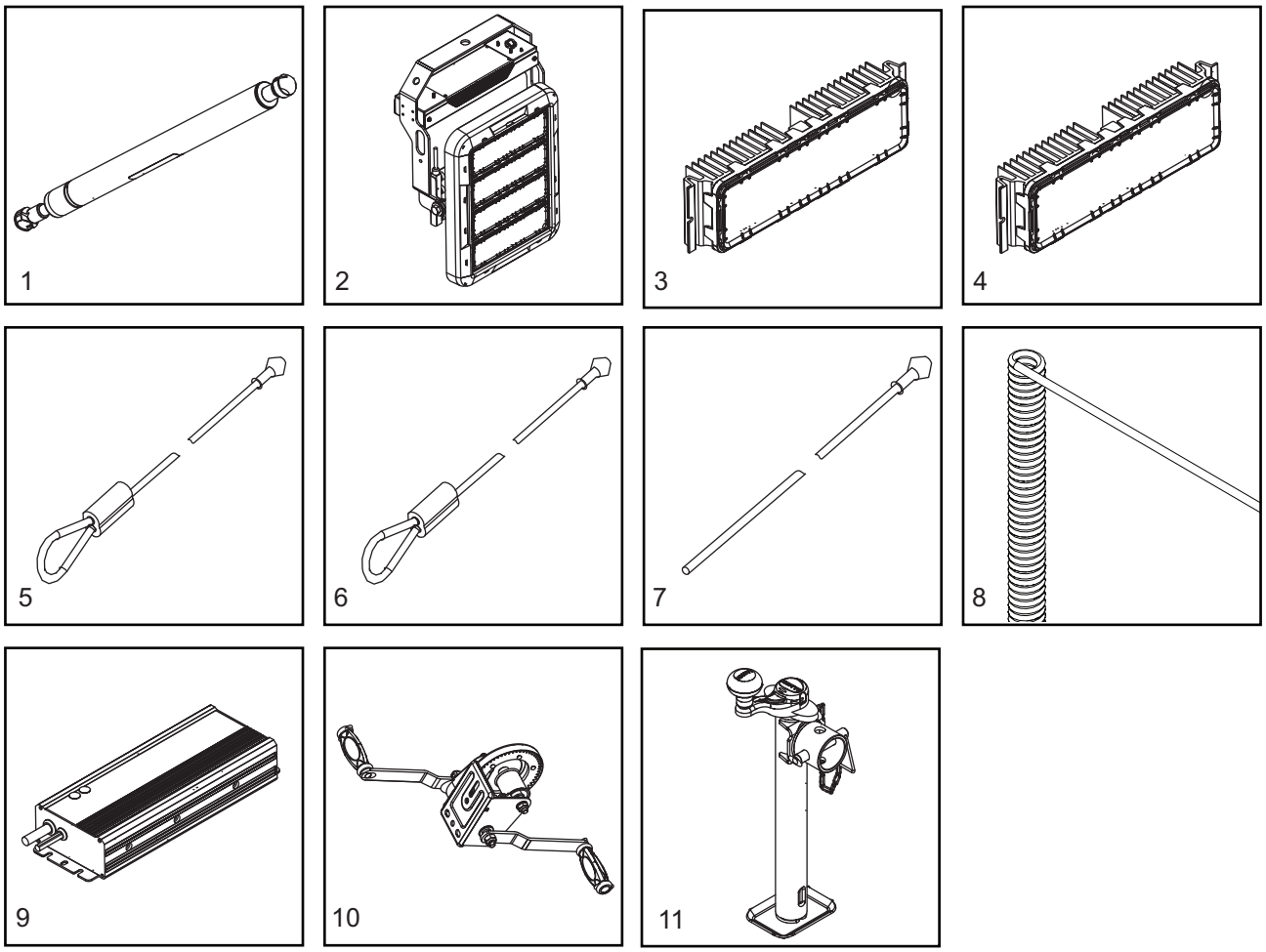
RECOMMENDED SPARE PARTS - ELECTRICAL



02466

ELECTRICAL

1. Breaker, 10A, 240V, 1 pole, push button 36937
2. Breaker, 15A, 120V, 1 pole, push button, 8kW 36935
3. Breaker, 30A, 250A, 2 pole, 6kW 36975
4. Connector, 2 position (qty - 4) 66100
5. Connector, 5 position (qty - 2) 66102
6. Controller- LED programmed 10000007835
7. Key (set of two) 37182
8. Receptacle, 120V/20A GFI 14130
9. Receptacle, 240V/30A twist 14137
10. Relay, 10A SPDT, 15 second time delay 14201
11. Switch, key 36882



02467

ENCLOSURE

1. Gas shock 35137

MAST

2. Assembly, LED light 10000019145
3. Module 60 degree LED 10000019170
4. Module 40 degree LED 10000019160
5. Cable, 79.75 in 31248
6 Cable, 78 in 31277
7. Cable, 144 in 31247
8. Coil cord 39650
9. Driver, LED 30V, 10.7A, 321W 10000019146
10. Winch, manual, includes dual handle 72127

JACKS

11. Jack, top wind, 2000 lb 72126

Part No. 56343 Rev.C 01/05/2018

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GENERAC
MOBILE PRODUCTS

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