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Parts Manual HYBRID LT-SERIES™



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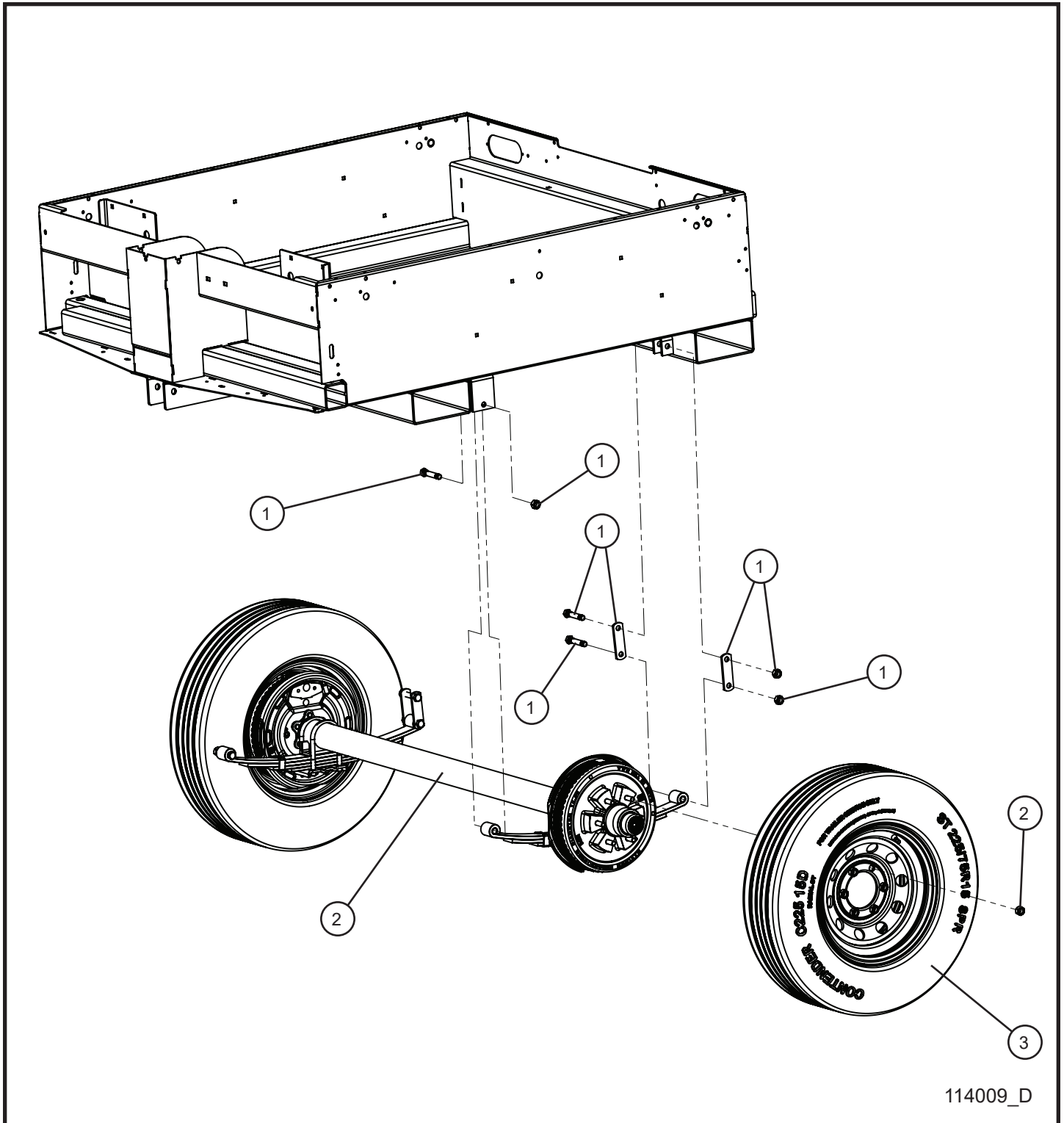
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1.1 - Axle and Wheels



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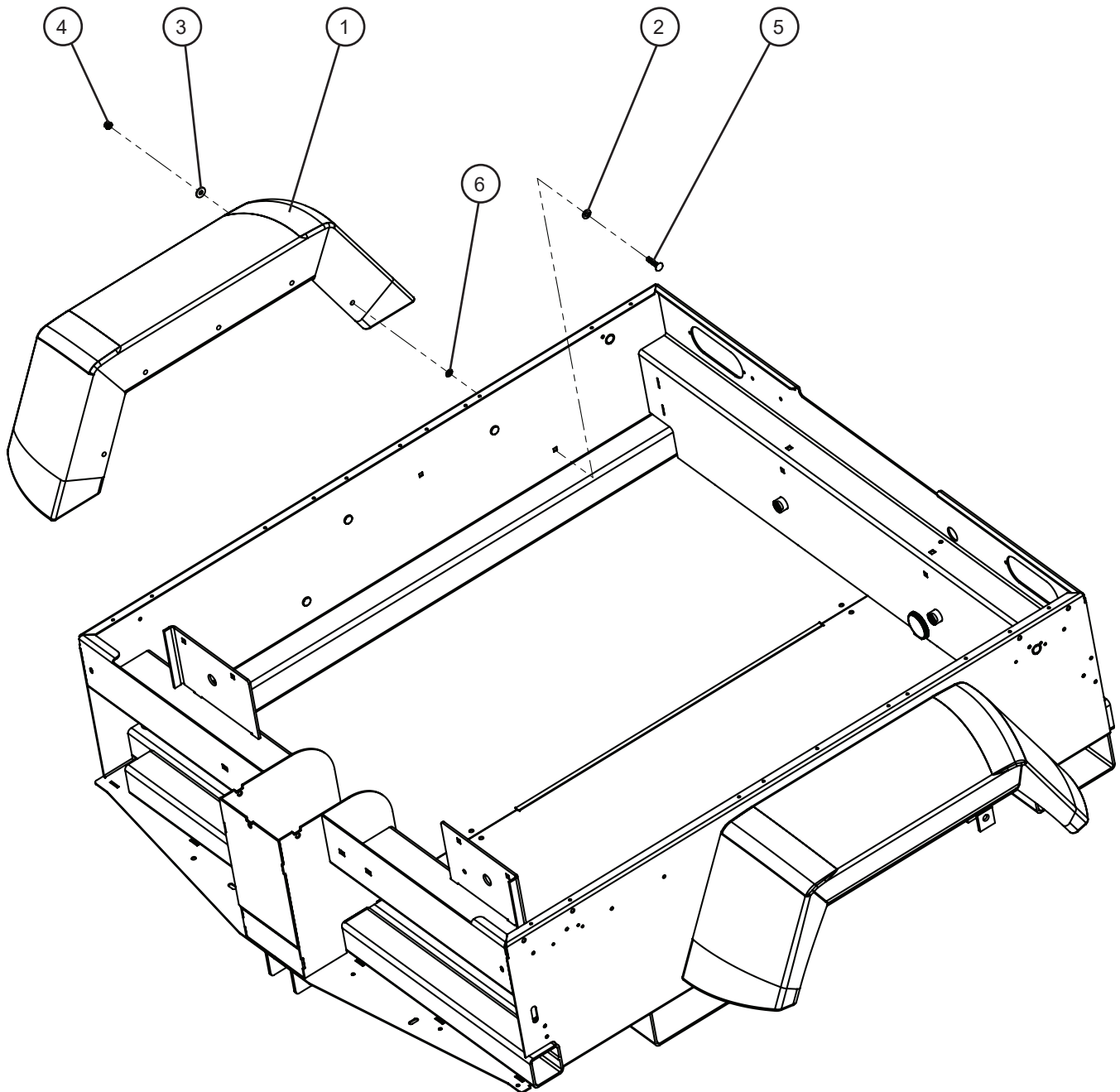
1.1 - Axle and Wheels

Item	Part No.	Part Description	Qty.
1	117120	SUSPENSION KIT SINGLE AXLE	1
2	110278	AXLE 5200LBS ELECTRIC BRAKE MAXI-LITE	1
3	110331	WHEEL-6 BOLT ST225/75R15 LOAD RANGE D	2
NS	022200	1/4 LOOM FLEX GUARD x 23.0	1

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1.2 - Fenders



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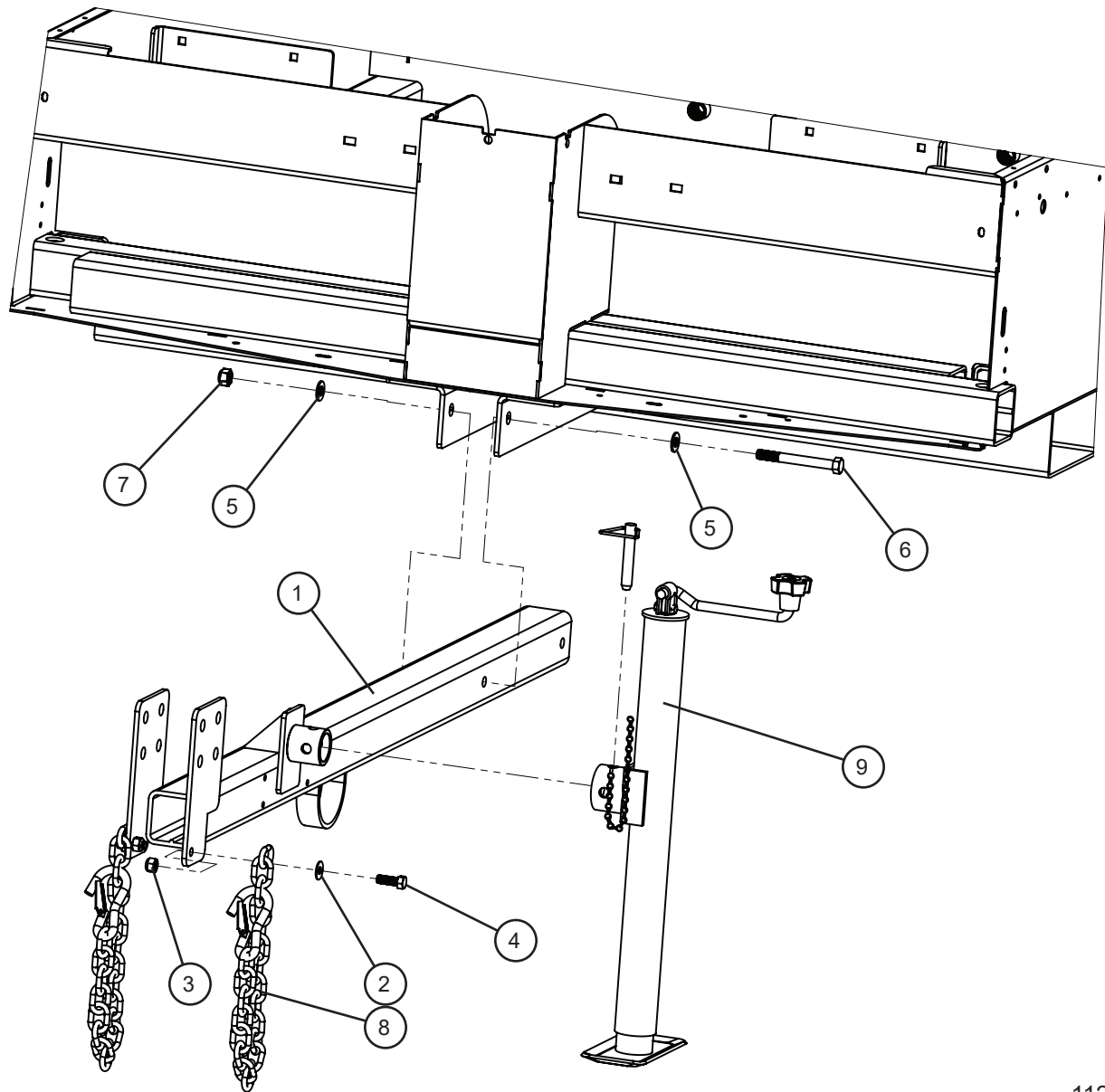
1.2 - Fenders

Item	Part No.	Part Description	Qty.
1	103066	FENDER ROTATION MOLDED 15 INCH EMBEDDED DECAL	2
2	100644	RUBBER WASHER BLACK NEOPRENE	8
3	047010	5/16 FLAT WASHER PL	8
4	044031	5/16-18 KEPS HEX NUT PL	8
5	053023	5/16-18 x 1 1/2 CARRIAGE BOLT PL	8
6	045217	5/16 PUSH NUT	8

NS - NOT SHOWN

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1.3 - Tongue



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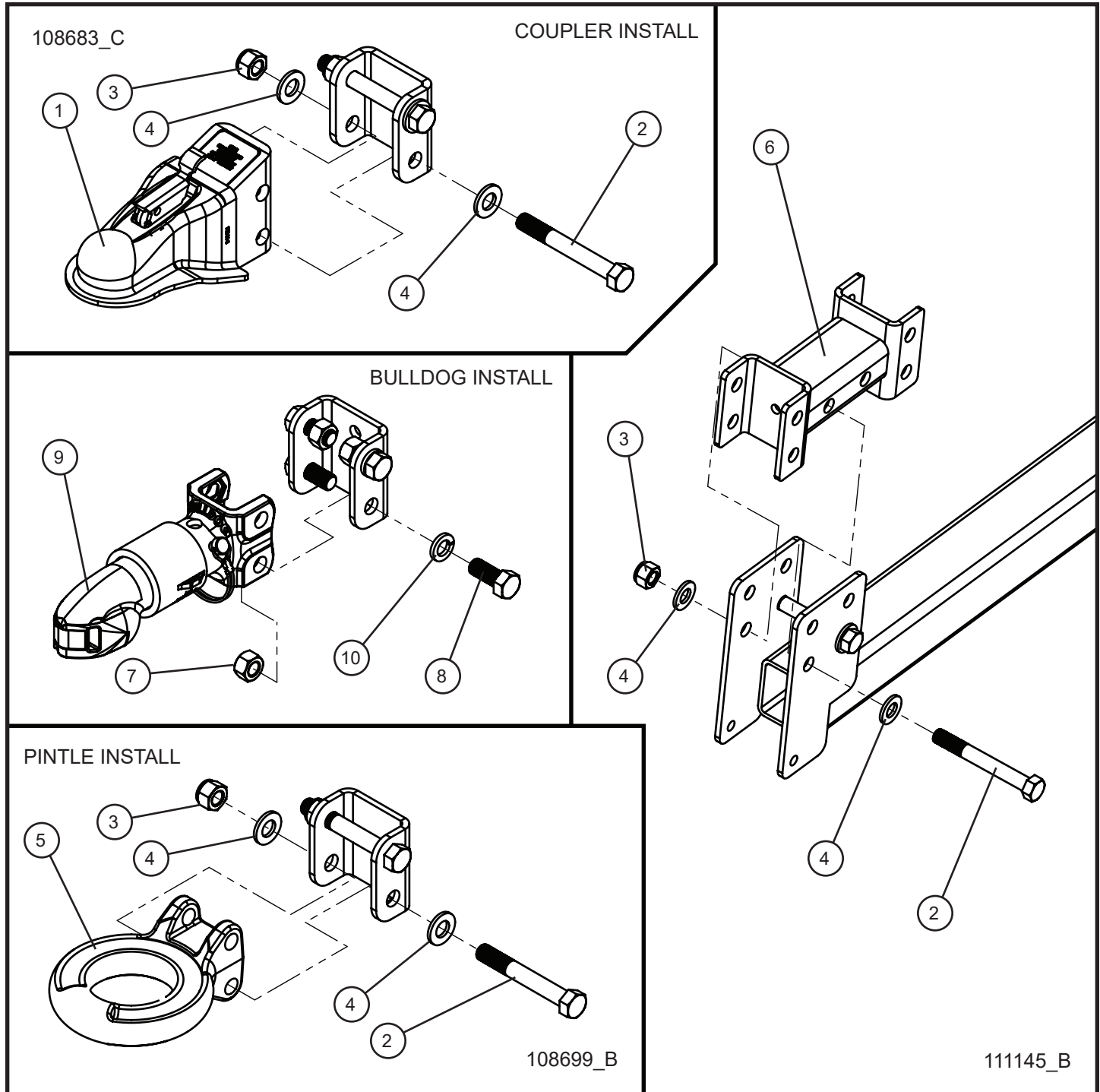
1.3 - Tongue

Item	Part No.	Part Description	Qty.
1	112377P	TONGUE WELDMENT REVERSIBLE COUPLER	1
2	047015	3/8 FLAT WASHER	2
3	044043	7/16-14 NYLOCK HEX NUT	2
4	046159	7/16-14 x 1 1/4 HEX HEAD BOLT	2
5	047025	1/2 FLAT WASHER	4
6	046225	1/2-13 x 4 1/2 HEX HEAD BOLT	2
7	044048	1/2-13 NYLOCK HEX NUT	2
8	049040	SAFETY CHAIN	2
9	108727	TOP CRANK JACK TUBE MOUNT	2

NS - NOT SHOWN

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1.4 - Tongue Couplers



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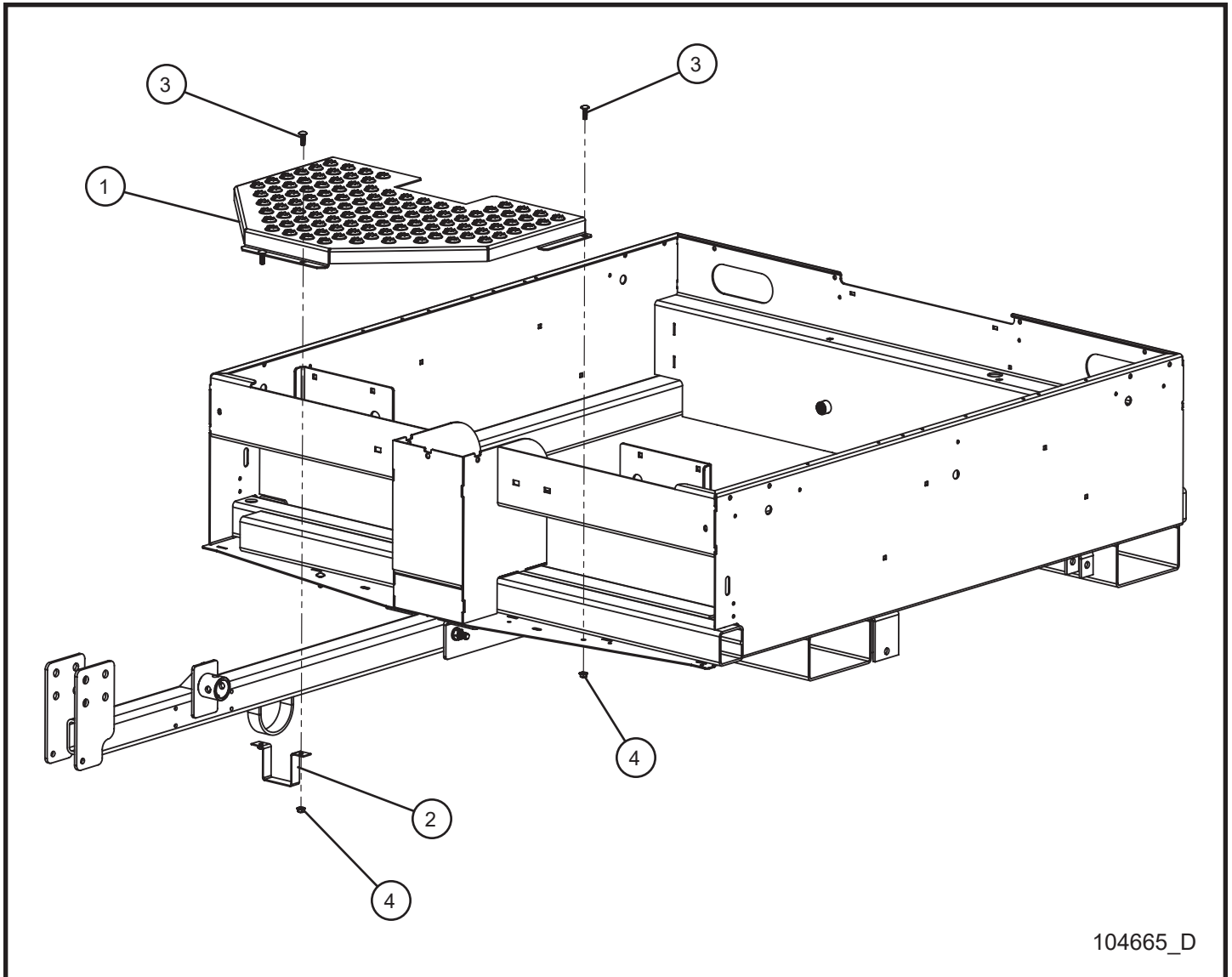
1.4 - Tongue Couplers

Item	Part No.	Part Description	Qty.
1	109977	COUPLER BALL 2.00 ADJUSTABLE STAMPED	1
2	046255	5/8-11 x 5 HEX HEAD BOLT	4
3	044053	5/8-11 NYLOCK HEX NUT	4
4	047031	5/8 FLAT WASHER	10
5	106720	RING PINTLE 3.00 ADJUSTABLE	1
6	111148P	REVERSIBLE COUPLER TONGUE MOUNT	1
7	044050	5/8-11 HEX NUT	4
8	046245	5/8-11 x 1 1/2 HEX HEAD BOLT	4
9	109978	COUPLER BALL 2.00 BULLDOG HITCH 7,000 LBS	1
	109979	COUPLER BALL 2.313 BULLDOG HITCH 12,500 LBS	1
10	043101	5/8 SPLITLOCK WASHER	4

NS - NOT SHOWN

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1.5 - Tongue Platform



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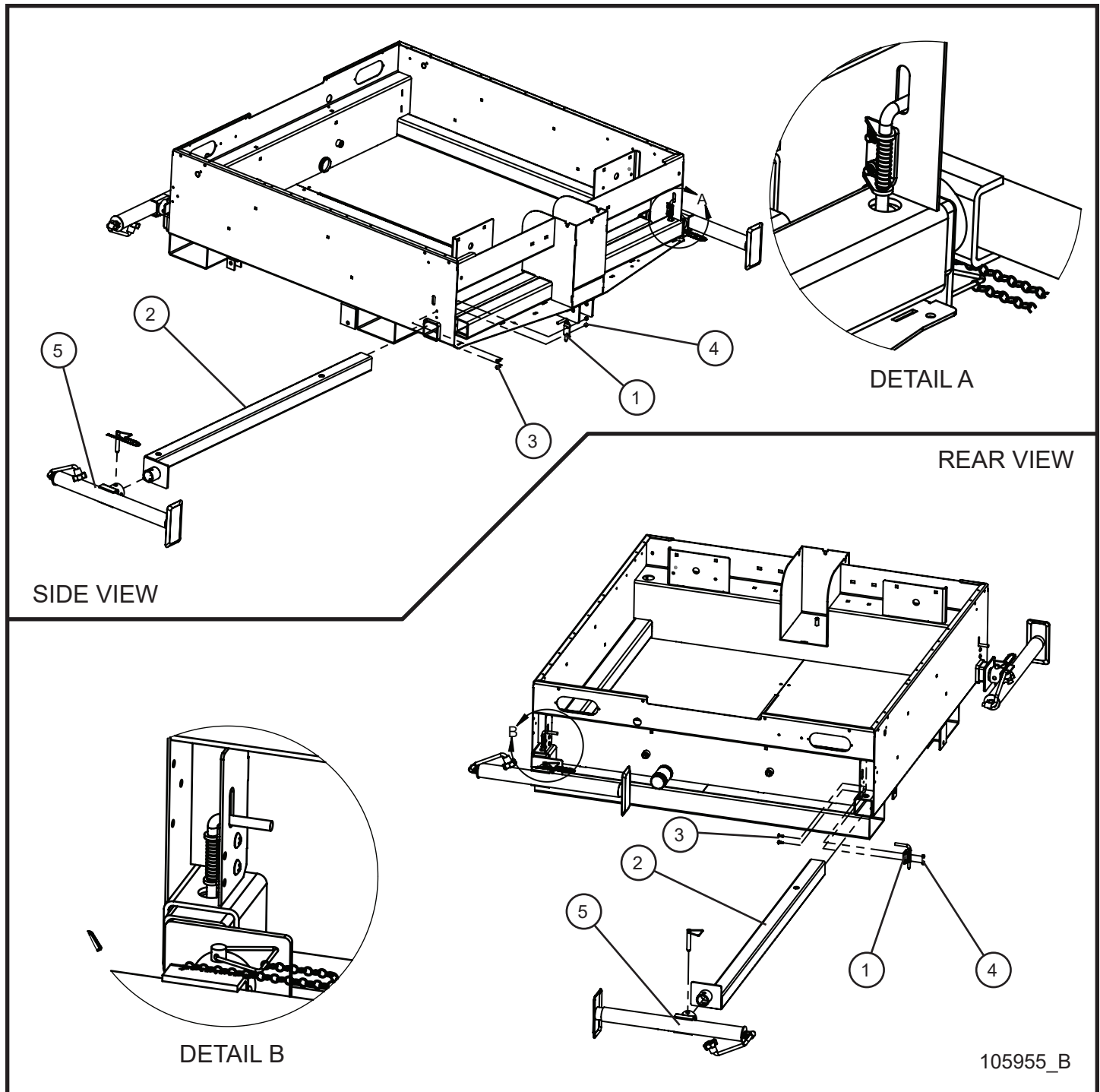
1.5 - Tongue Platform

Item	Part No.	Part Description	Qty.
1	120382P	PUNCHED GRIP STEP PLATE MAXI-LITE	1
2	104530P	TONGUE STRAP GRIP STEP	1
3	053020	5/16-18 x 1 CARRIAGE BOLT	4
4	057006	5/16-18 SERRATED FLANGE NUT	4

NS - NOT SHOWN

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1.6 - Outriggers



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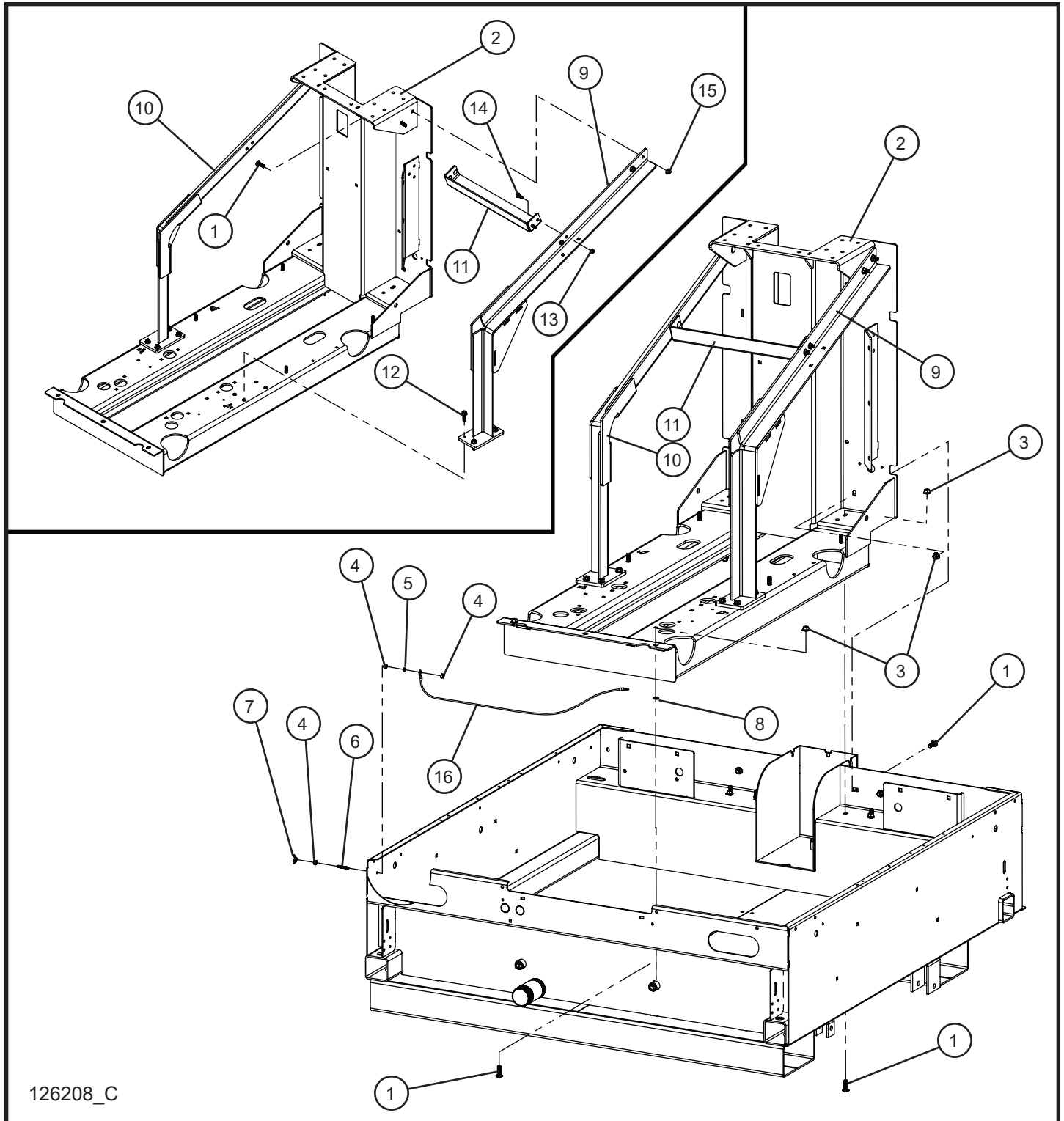
1.6 - Outriggers

Item	Part No.	Part Description	Qty.
1	650723	PIN OUTRIGGER RETENTION RIGHT	4
2	105946P	HD OUTRIGGER WELDMENT MAXI II	4
3	056002	1/4-20 x 3/4 HEX SERRATED FLANGE SCREW	8
4	057001	1/4-20 HEX NYLOCK FLANGE NUT	8
5	108727	JACK TOP CRANK TUBE MOUNT	4

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2.1 - Engine Cradle



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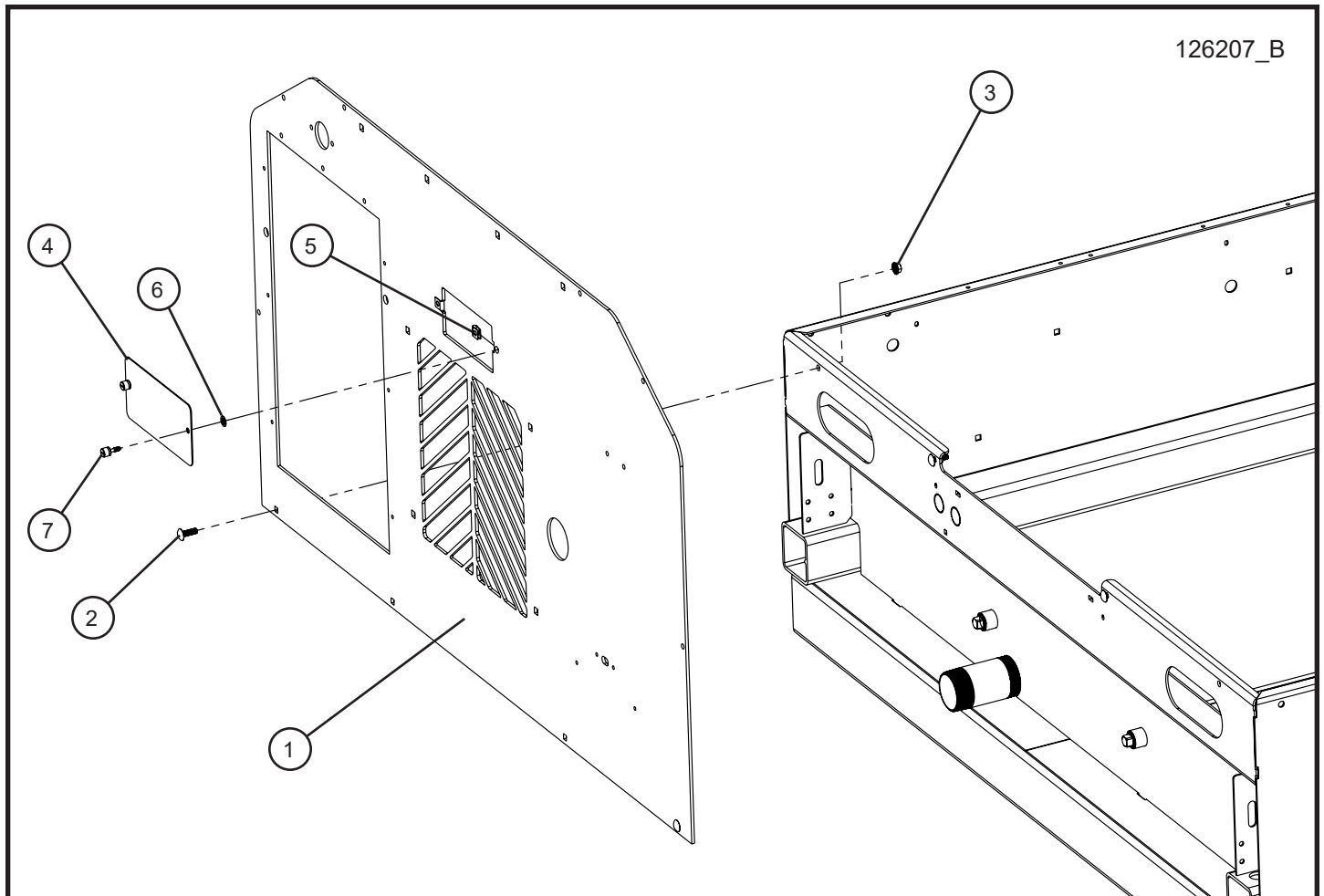
2.1 - Engine Cradle

Item	Part No.	Part Description	Qty.
1	100670	3/8-16 x 1 1/4 CARRIAGE BOLT	22
2	126121P	CRADLE ENGINE HYBRID LT-SERIES	1
3	044029	3/8-16 SERRATED FLANGE NUT	22
4	044021	1/4-20 KEPS HEX NUT	3
5	043050	1/4 INTL TOOTH LOCK WASHER	1
6	045003	1/4-20 x 1-1/2 STUD	1
7	330494	1/4-20 WING NUT	1
8	043070	3/8 INTL TOOTH LOCK WASHER	1
9	126156P	BRACE CRADLE WELDMENT CURB SIDE HYBRID LT-SERIES	1
10	126157P	BRACE CRADLE WELDMENT ROAD SIDE HYBRID LT-SERIES	1
11	126158P	BRACE CRADLE CROSS WELDMENT HYBRID LT-SERIES	1
12	056031	3/8-16 x 1-1/4 HEX FLANGE SCREW WITH BLUE THREAD LOCK	8
13	057008	5/16-18 HEX NYLOCK FLANGE NUT	4
14	053020	5/16-18 x 1 CARRIAGE BOLT	4
15	057007	3/8-16 HEX NYLOCK FLANGE NUT	4
16	116650	12 AWG GREEN X 30.00	1

NS - NOT SHOWN

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2.2 - Rear Panel



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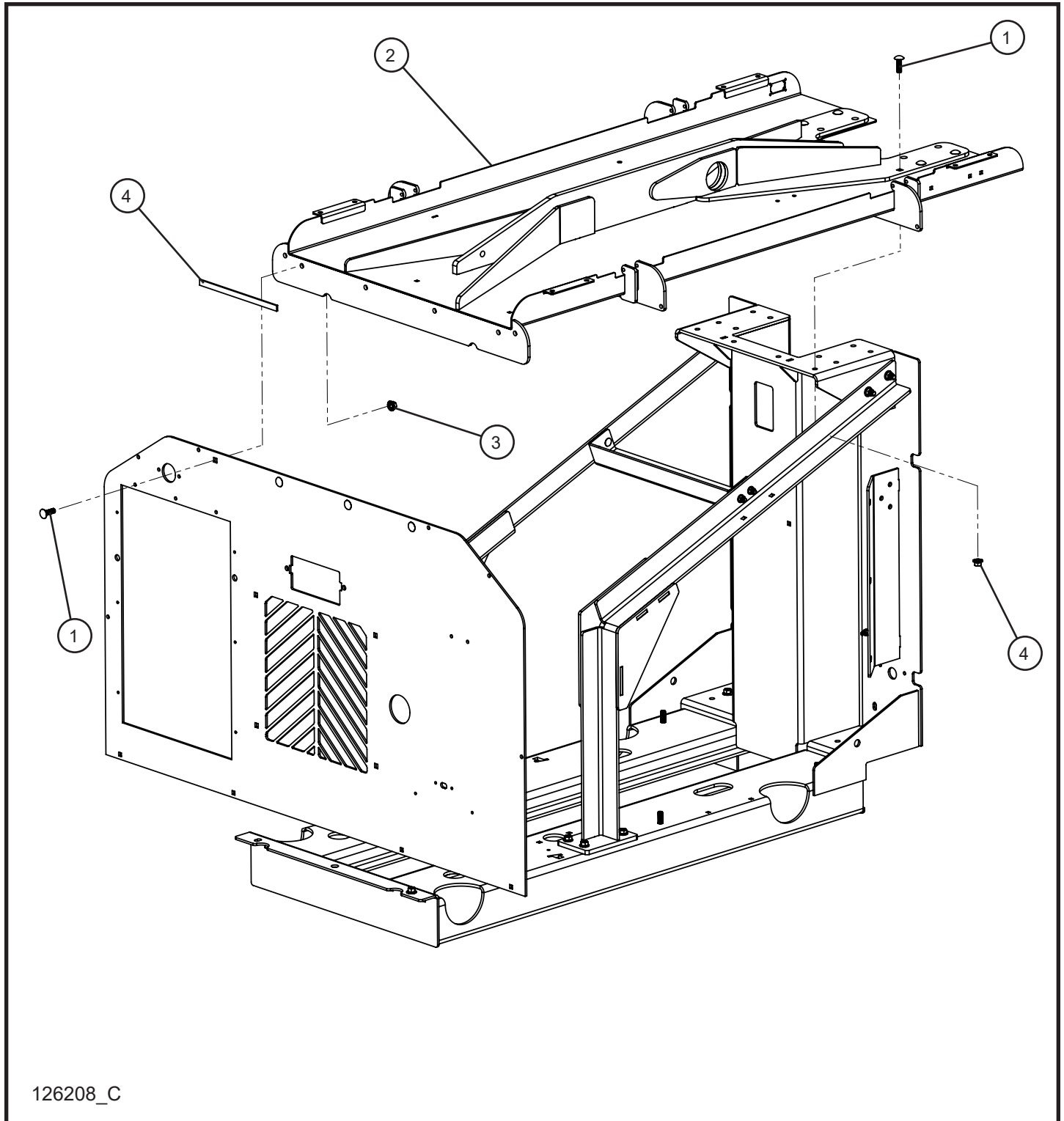
2.2 - Rear Panel

Item	Part No.	Part Description	Qty.
1	126126P	REAR PANEL HYBRID LT-SERIES	1
2	053020	5/16-18 x 1 CARRIAGE BOLT	4
3	057006	5/16-18 SERRATED FLANGE NUT	4
4	126077P	RADIATOR CAP ACCESS PANEL HYBRID	1
5	045216	1/4-20 TINNEMAN NUT	2
6	115243	RETAINER PUSH ON	2
7	115244	KNOB KNURLED FAST THREAD	2

NS - NOT SHOWN

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2.3 - Stringer



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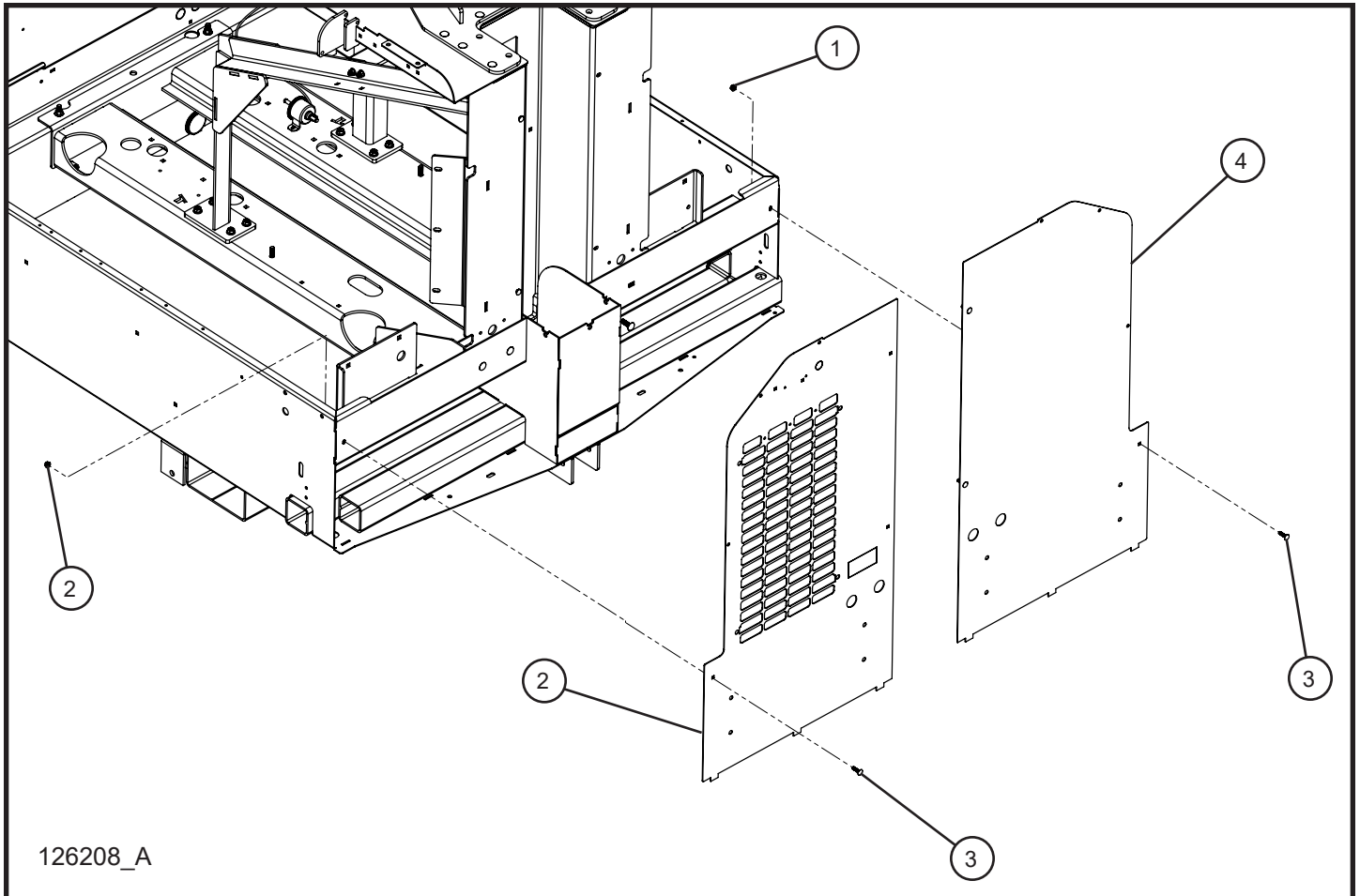
2.3 - Stringer

Item	Part No.	Part Description	Qty.
1	100670	3/8-16 x 1 1/4 CARRIAGE BOLT	22
2	126128P	STRINGER CHANNEL WELDMENT HYBRID	1
3	044029	3/8-16 SERRATED FLANGE NUT	22
4	115259	SEAL 1/8 x 1/2 x 9.50	1

NS - NOT SHOWN

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2.4 - Front Panels



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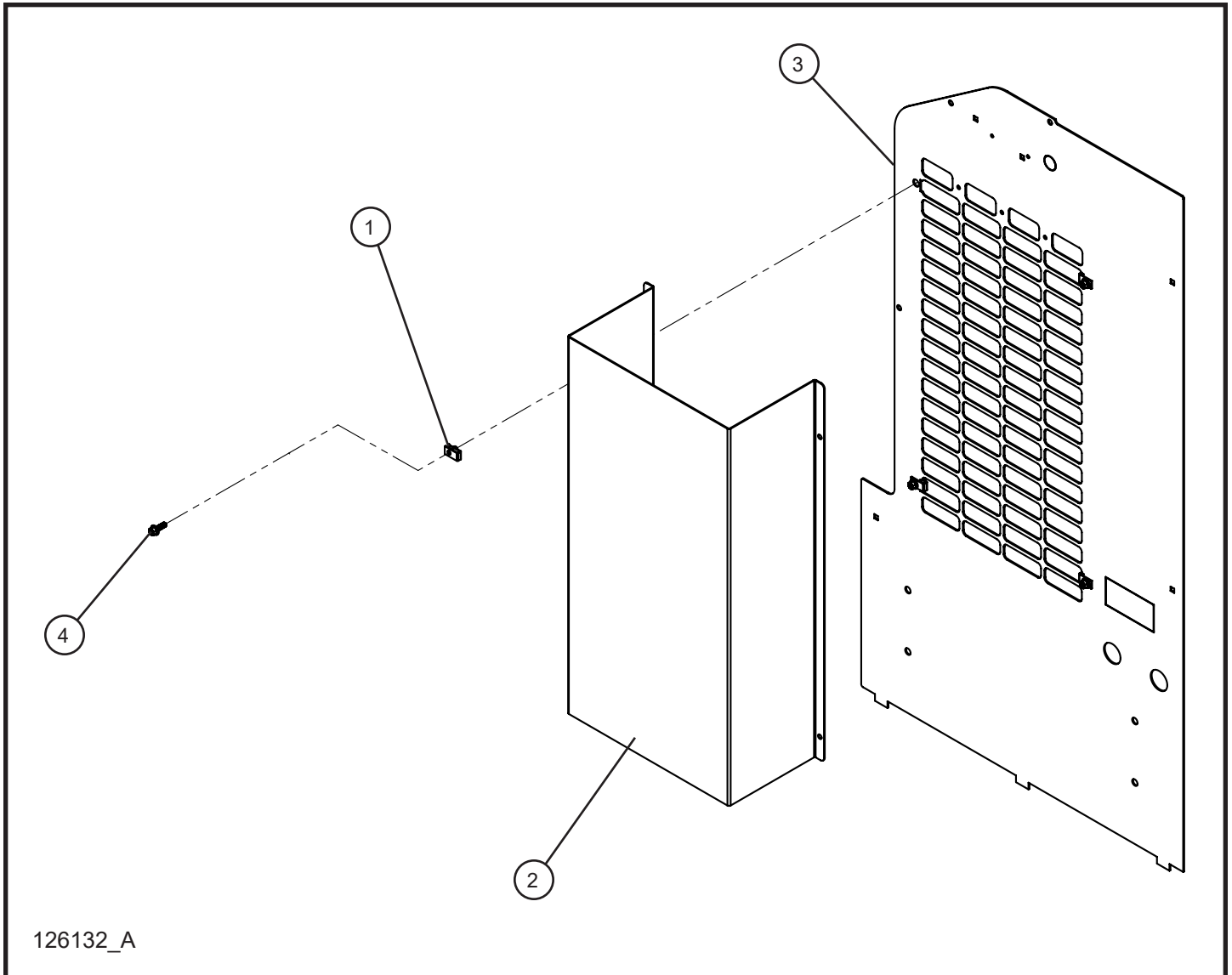
2.4 - Front Panels

Item	Part No.	Part Description	Qty.
1	057001	1/4-20 HEX NYLOCK FLANGE NUT	6
2	126124P	CURB SIDE FRONT PANEL HYBRID	1
3	100342	1/4-20 x 1 CARRIAGE BOLT	6
4	126125P	ROAD SIDE FRONT PANEL HYBRID	1

NS - NOT SHOWN

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2.5 - Front Panel Air Deflector



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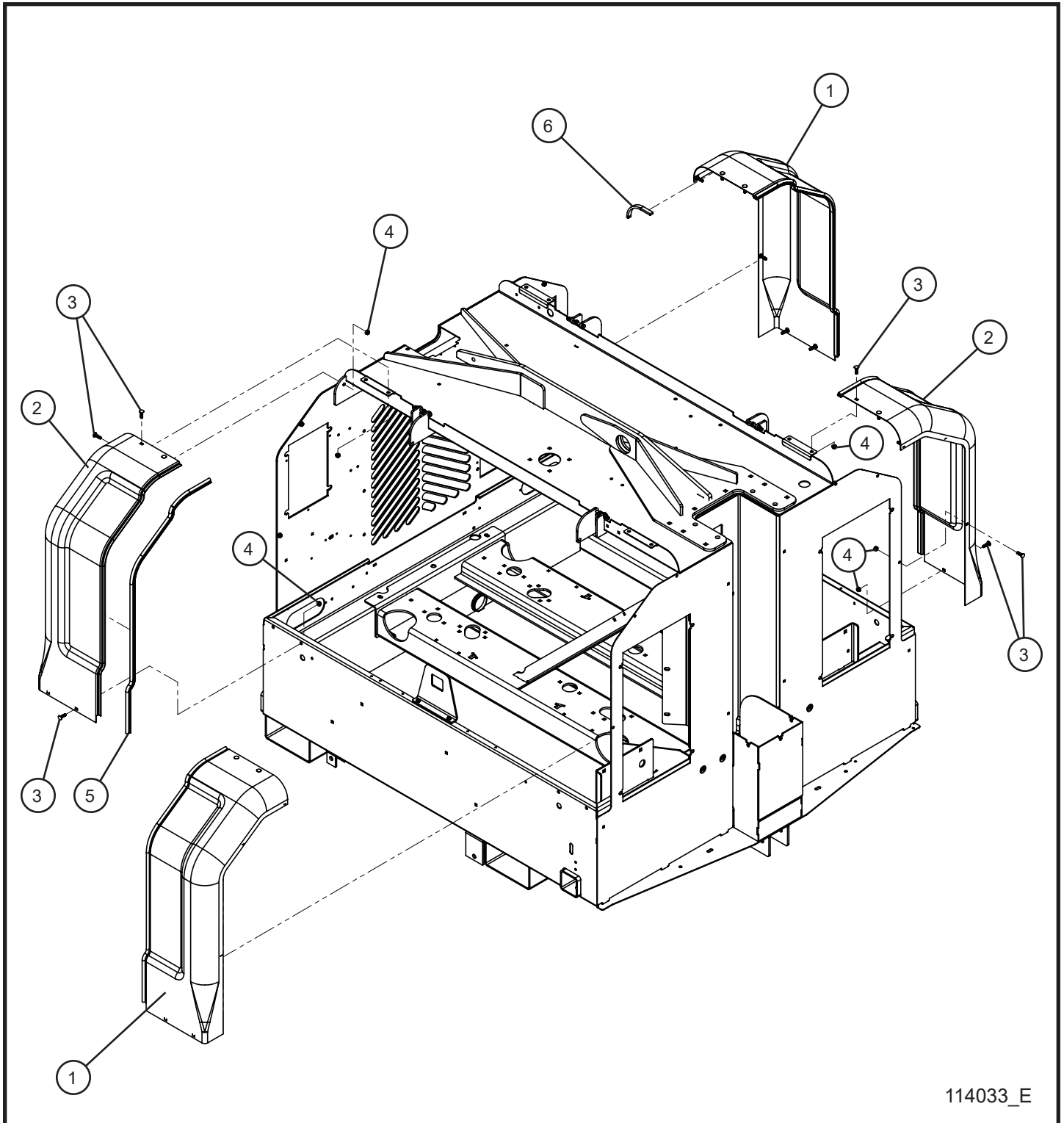
2.5 - Front Panel Air Deflector

Item	Part No.	Part Description	Qty.
1	044106	NUT U EXTRUDED 1/4-20	4
2	124082P	AIR VENT DEFLECTOR	1
3	126124P	CURB SIDE FRONT PANEL HYBRID	1
4	056019	1/4-20 x 3/4 HEX FLANGE SCREW	4

NS - NOT SHOWN

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2.6 - Quarter Panels



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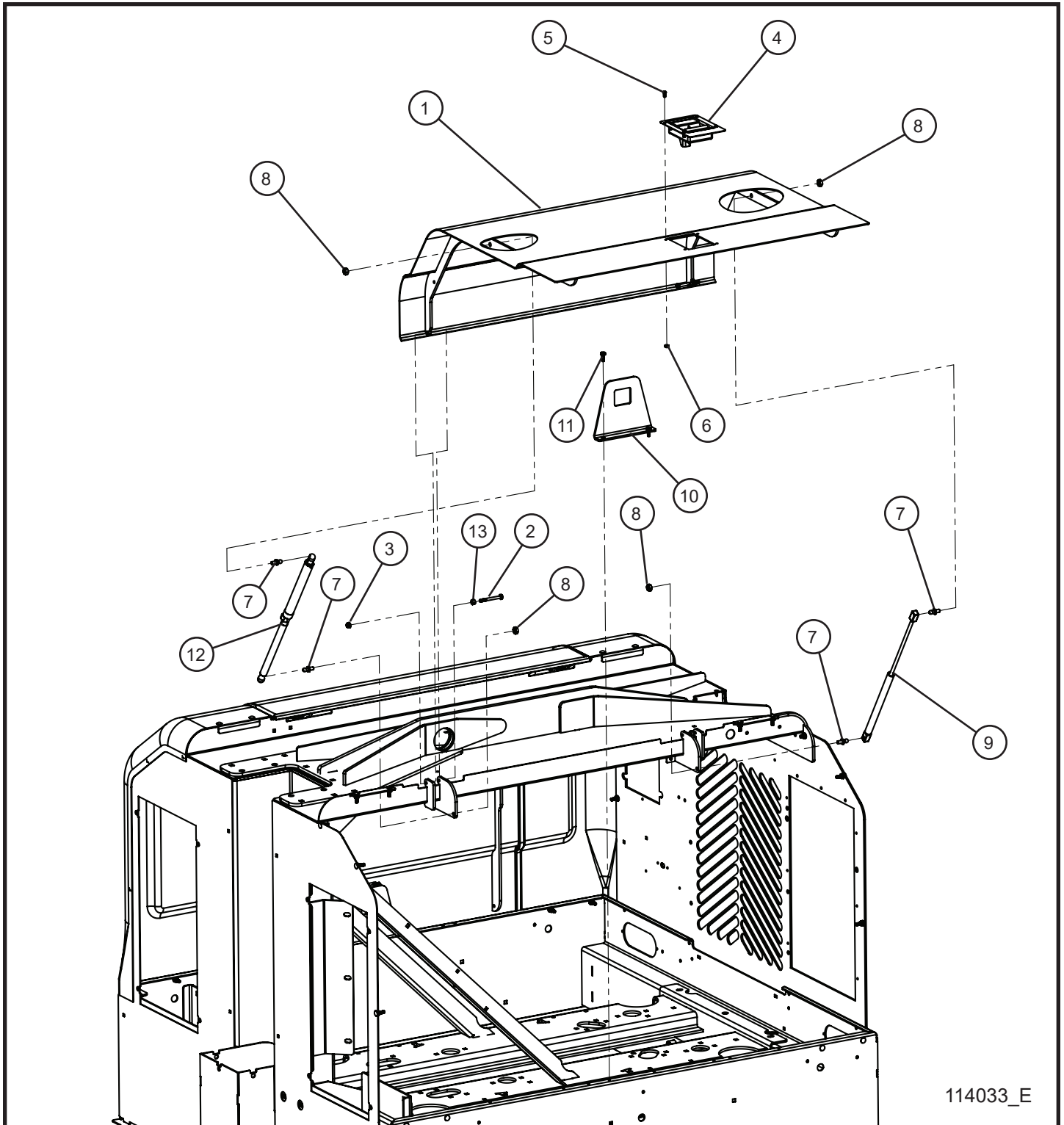
2.6 - Quarter Panels

Item	Part No.	Part Description	Qty.
1	103642P	PANEL QUARTER LEFT REAR/RIGHT FRONT	2
2	103643P	PANEL QUARTER LEFT FRONT/RIGHT REAR	2
3	046036	1/4-20 x 1 CARRIAGE BOLT	28
4	057001	1/4-20 HEX NYLOCK FLANGE NUT	28
5	105998	TRIM GASKET 1/16" x 41" WITH 3/8 BULB	4
6	115260	SEAL 1/4 x 1/2 x 5.5	4

NS - NOT SHOWN

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2.7 - Doors



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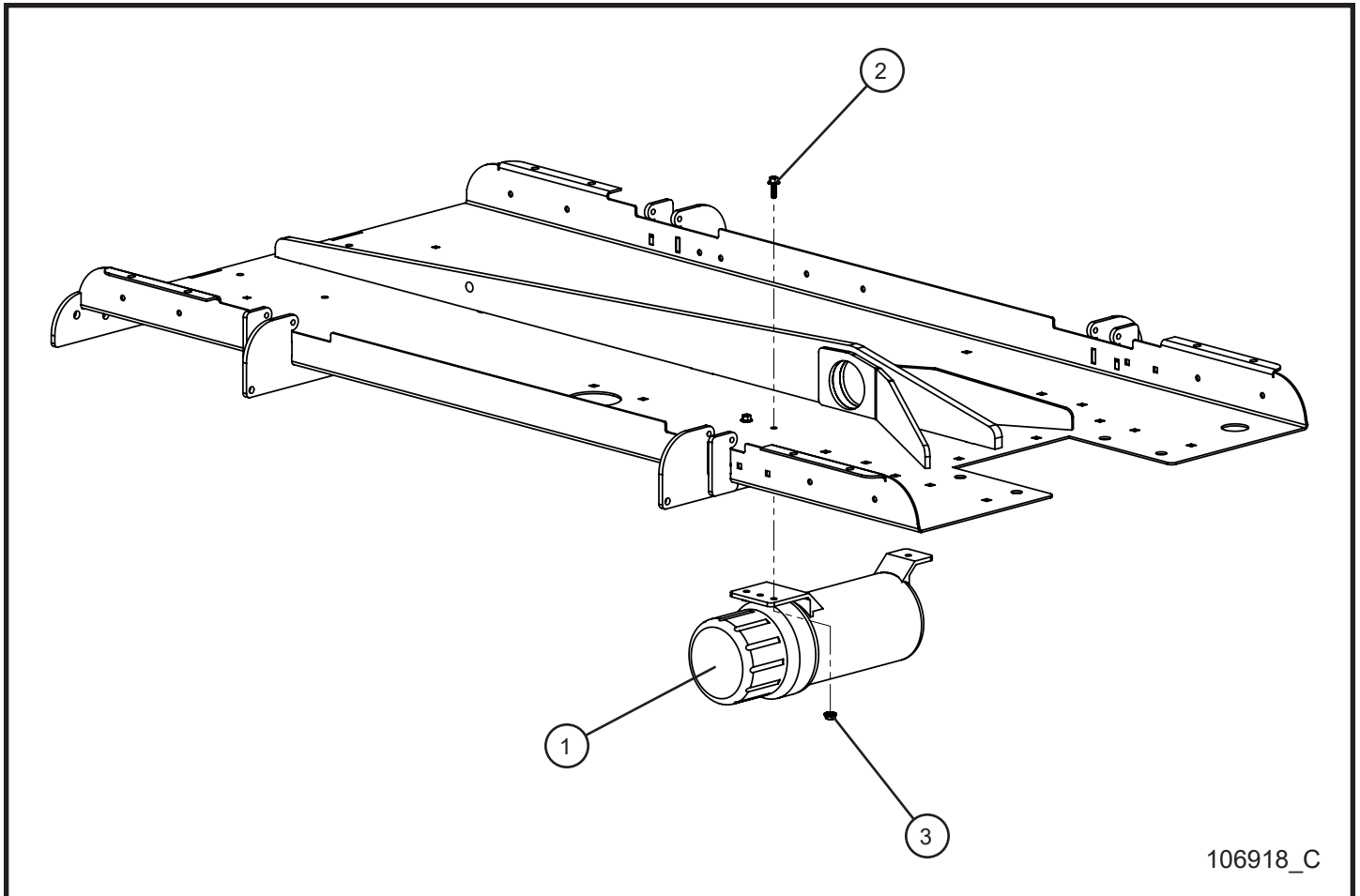
2.7 - Doors

Item	Part No.	Part Description	Qty.
1	104540P	MAXI II DOOR	2
2	046036	1/4-20 x 2 1/2 HEX HEAD BOLT	4
3	057001	1/4-20 HEX NYLOCK FLANGE NUT	32
4	680459	SLAM LATCH	2
5	041021	#10-24 x 1/2 PH-ROUND HEAD MACHINE SCREW	8
6	044018	#10-24 NYLOCK HEX NUT	8
7	330437	BALL STUD M10	8
8	044090	5/16-18 TOP LOCK HEX NUT	8
9	680813	LIFT SUPPORT	2
10	104313P	BRACKET DOOR SLAM LATCH	2
11	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD MACHINE SCREW	4
12	105245	CYLINDER GAS SPRING LOCKING	2
13	105362	COLLAR LOCKING .25 ID	4

NS - NOT SHOWN

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2.8 - Manual Canister



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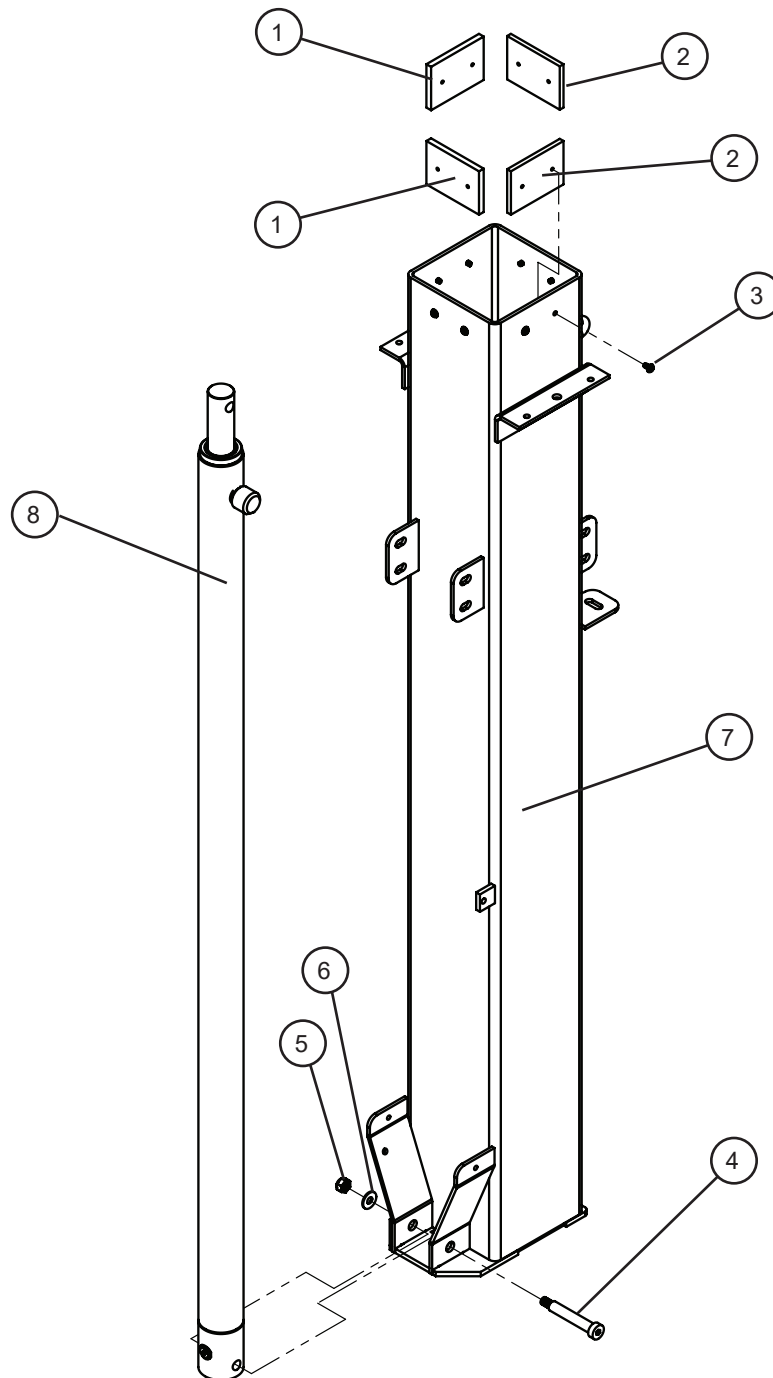
2.8 - Manual Canister

Item	Part No.	Part Description	Qty.
1	106916	MEGA CANISTER	1
2	056002	1/4-20 x 3/4 HEX SERRATED FLANGE SCREW	3
3	057000	1/4-20 HEX SERRATED FLANGE NUT	3
NS	123986	OPERATOR'S MANUAL MAXI-LITE	1

NS - NOT SHOWN

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3.1 - Vertical Tower Section 1



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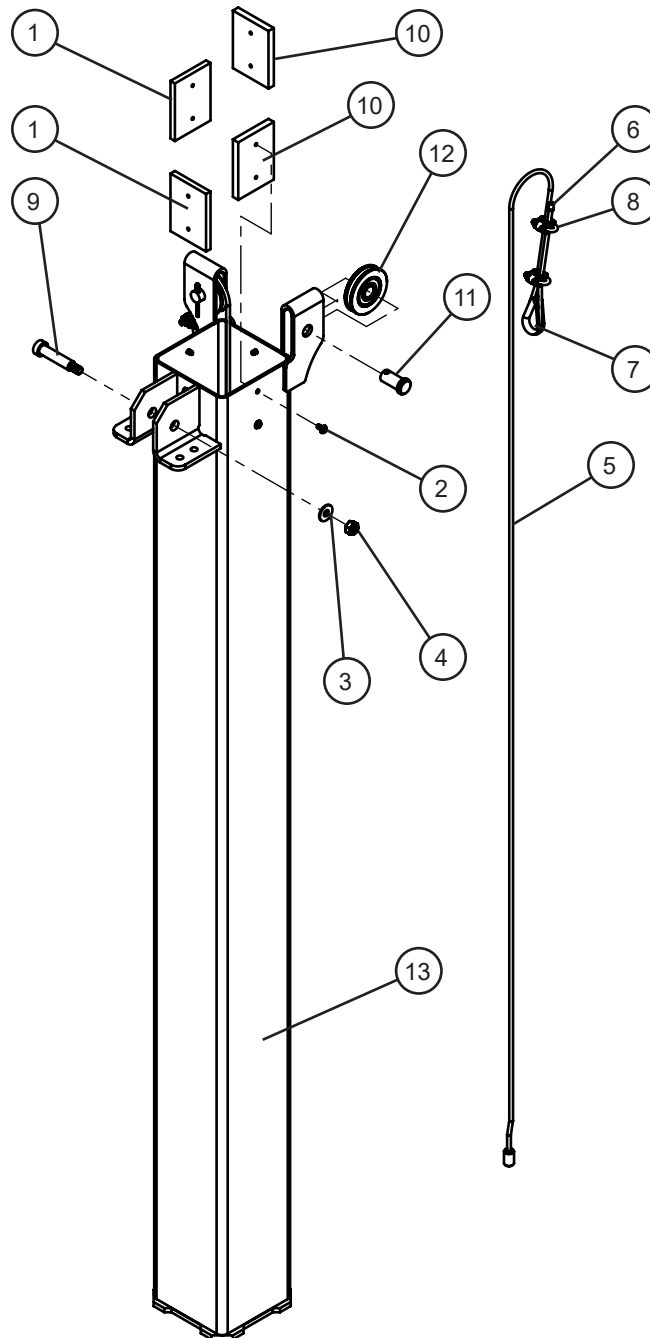
3.1 - Vertical Tower Section 1

Item	Part No.	Part Description	Qty.
1	650110	.312 TOWER PAD	2
2	102954	.250 TOWER PAD	2
3	041023	#10 x 3/8 PH-ROUND HEAD MACHINE SCREW	8
4	101379	1/2 x 2 3/4 (3/8-16 x 5/8) HX-SOCKET HEAD SHOULDER BOLT	1
5	047010	5/16 FLAT WASHER	1
6	044038	3/8-16 NYLOCK HEX NUT	1
7	110282P	6" VERTICAL TOWER SECTION	1
8	106140	VERTICAL TOWER HYDRAULIC CYLINDER	1

NS - NOT SHOWN

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3.2 - Vertical Tower Section 2



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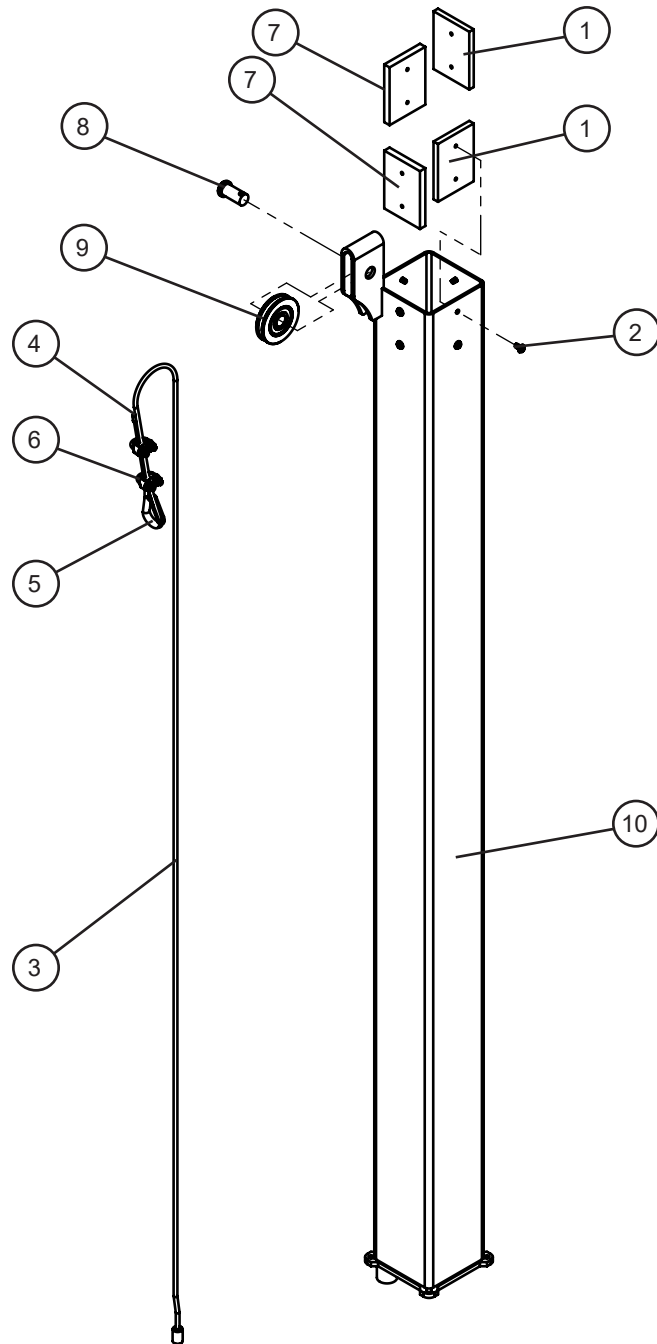
3.2 - Vertical Tower Section 2

Item	Part No.	Part Description	Qty.
1	650110	.312 TOWER PAD	6
2	041023	#10 x 3/8 PH-ROUND HEAD MS PL	8
3	047010	5/16 FLAT WASHER PL	1
4	044038	3/8-16 NYLOCK HEX NUT PL	1
5	320185	STEEL CABLE 3/16 x 10'	2
6	022150	FERRULE 10-12 AWG	2
7	045040	3/16 CABLE THIMBLE 3/16 WIRE ROPE	2
8	620084	3/16 CABLE CLIP	4
9	101378	1/2 x 2 (3/8-16 x 5/8) HX-SOCKET HEAD SHOULDER BOLT	1
10	650109	.375 TOWER PAD	2
11	033000	5/8 x 1 SLIC PIN	5
12	100160	2 1/2 PULLEY BALL BEARING	5
13	110281P	5" VERTICAL TOWER SECTION	1
NS	045042	COTTER PIN 1/8 X 1 1/2"	2

NS - NOT SHOWN

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3.3 - Vertical Tower Section 3



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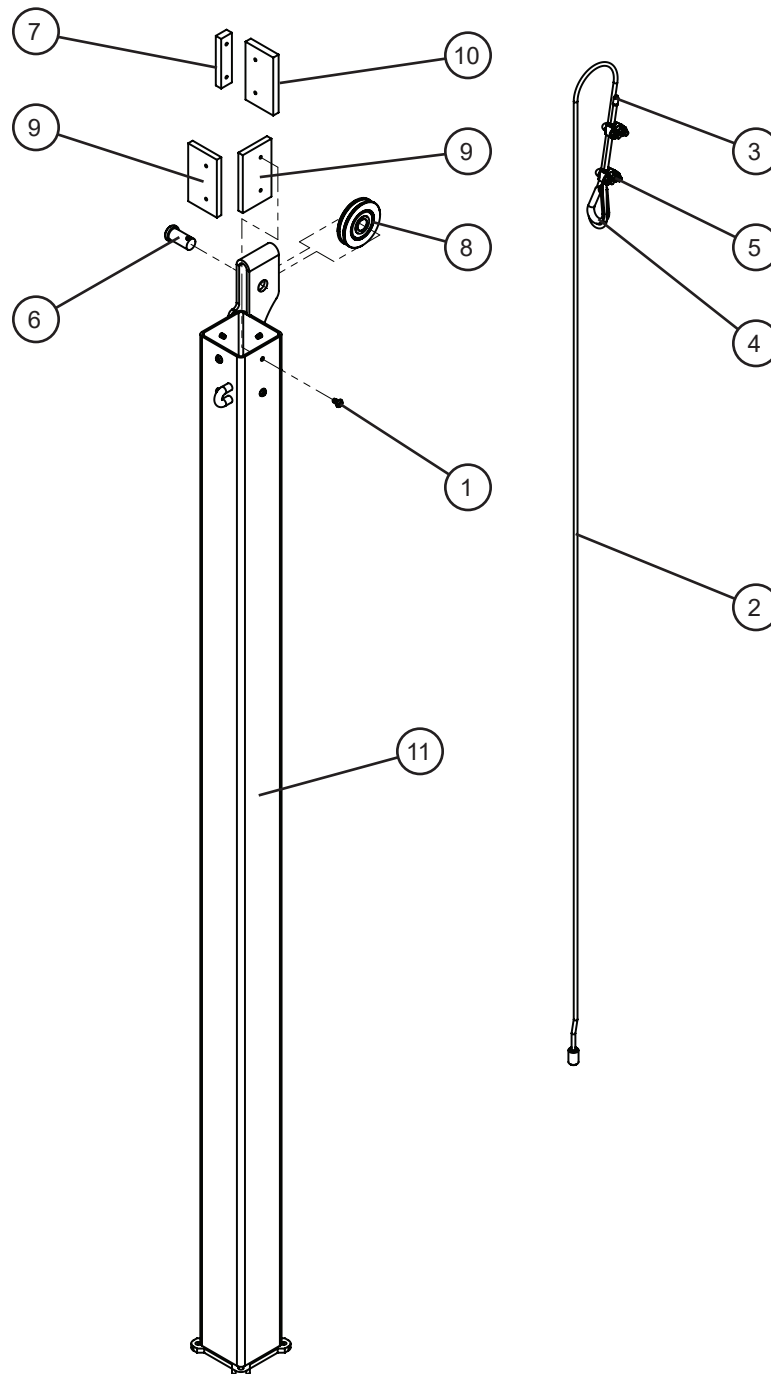
3.3 - Vertical Tower Section 3

Item	Part No.	Part Description	Qty.
1	650110	.312 TOWER PAD	6
2	041023	#10 x 3/8 PH-ROUND HEAD MS PL	8
3	320185	STEEL CABLE 3/16 x 10'	1
4	022150	FERRULE 10-12 AWG	1
5	045040	3/16 CABLE THIMBLE 3/16 WIRE ROPE	1
6	620084	3/16 CABLE CLIP	2
7	650109	.375 TOWER PAD	4
8	033000	5/8 x 1 SLIC PIN	5
9	100160	2 1/2 PULLEY BALL BEARING	5
10	102961P	4" VERTICAL TOWER SECTION	1
NS	045042	COTTER PIN 1/8 X 1 1/2"	1

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3.4 - Vertical Tower Section 4



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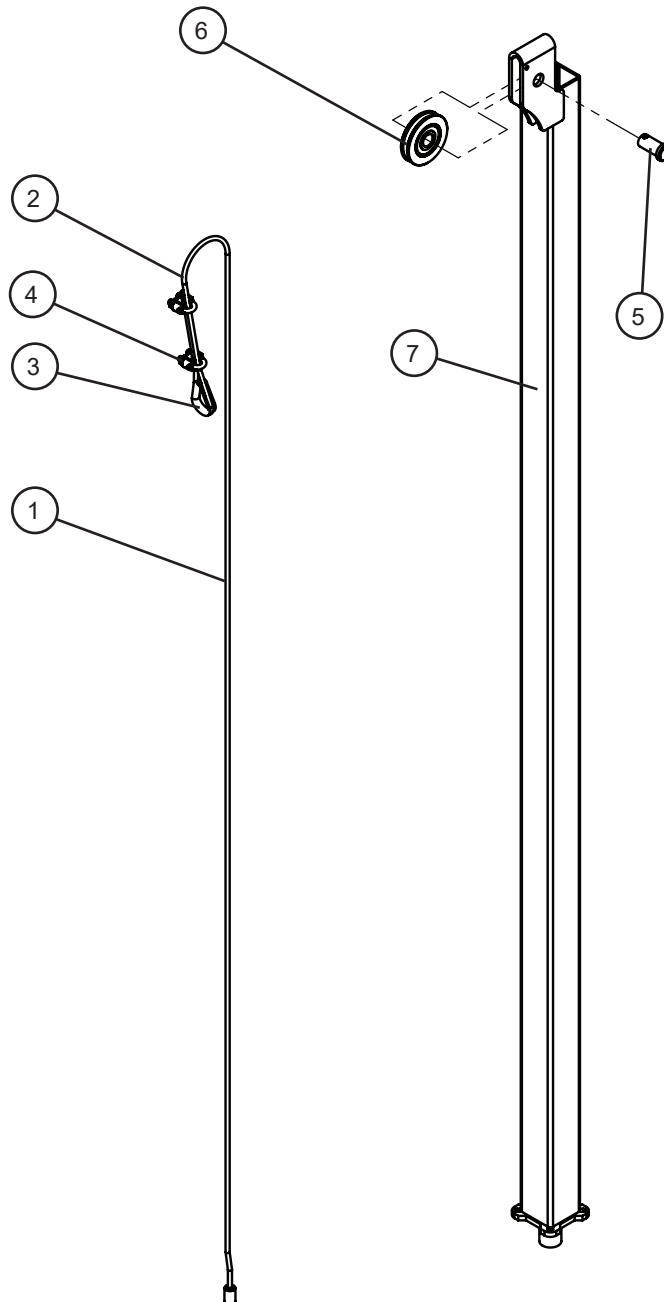
3.4 - Vertical Tower Section 4

Item	Part No.	Part Description	Qty.
1	041023	#10 x 3/8 PH-ROUND HEAD MS PL	8
2	320185	STEEL CABLE 3/16 x 10'	1
3	022150	FERRULE 10-12 AWG	1
4	045040	3/16 CABLE THIMBLE 3/16 WIRE ROPE	1
5	620084	3/16 CABLE CLIP	2
6	033000	5/8 x 1 SLIC PIN	1
7	100062	3/8 UHMW SPACER	1
8	100160	2 1/2 PULLEY BALL BEARING	1
9	352280	PLASTIC TOWER PAD	2
10	100446	3/8 PAD SMALL	1
11	112727P	3" VERTICAL TOWER SECTION	1
NS	045042	COTTER PIN 1/8 X 1 1/2"	1

NS - NOT SHOWN

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3.5 - Vertical Tower Section 5



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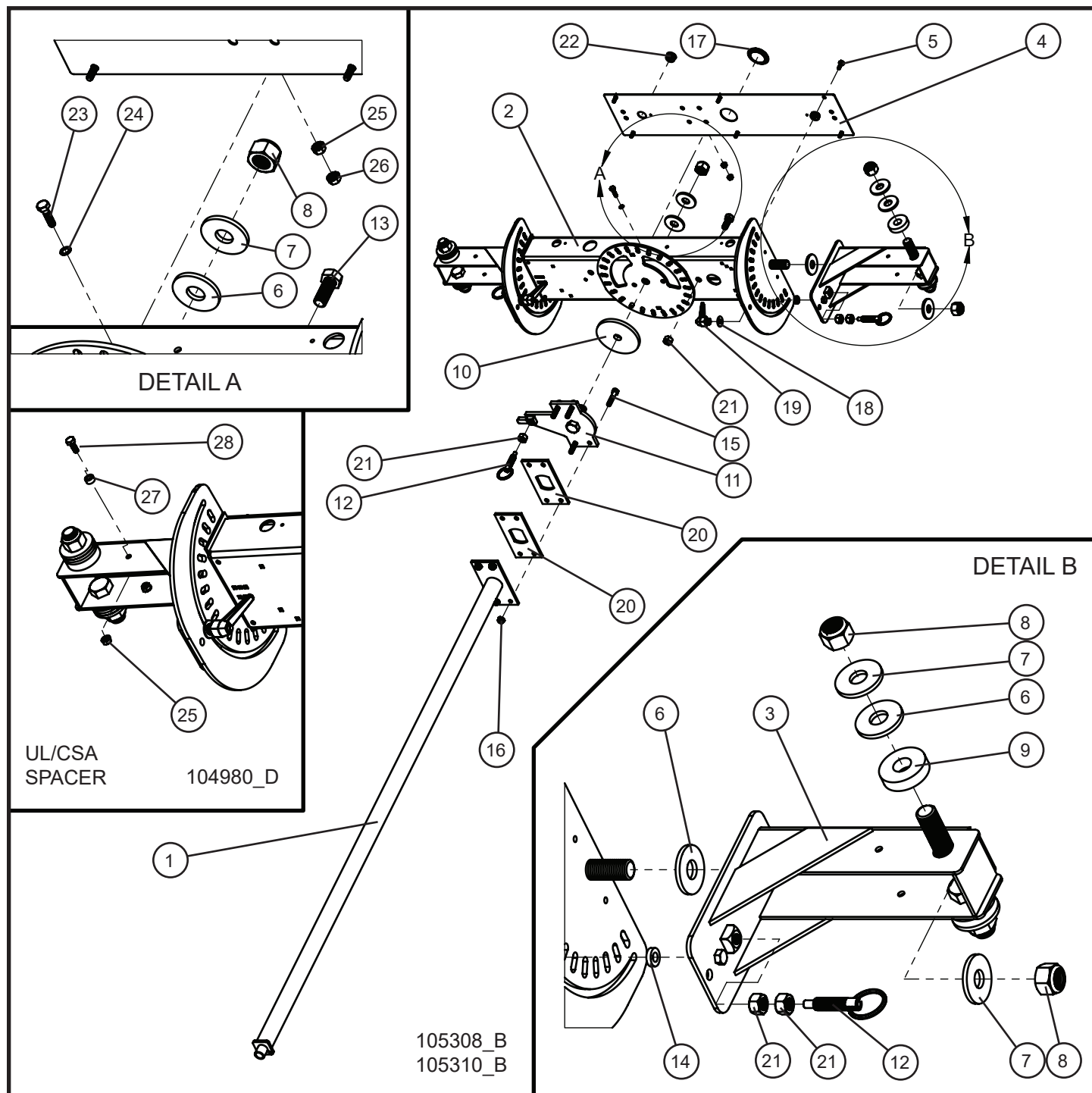
3.5 - Vertical Tower Section 5

Item	Part No.	Part Description	Qty.
1	320185	STEEL CABLE 3/16 x 10'	1
2	022150	FERRULE 10-12 AWG	1
3	045040	3/16 CABLE THIMBLE 3/16 WIRE ROPE	1
4	620084	3/16 CABLE CLIP	2
5	033000	5/8 x 1 SLIC PIN	1
6	100160	2 1/2 PULLEY BALL BEARING	1
7	102968P	2" VERTICAL TOWER SECTION	1
NS	045042	COTTER PIN 1/8 X 1 1/2"	1

NS - NOT SHOWN

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3.6 - Vertical Tower Section 4-Light Round and Light Bar



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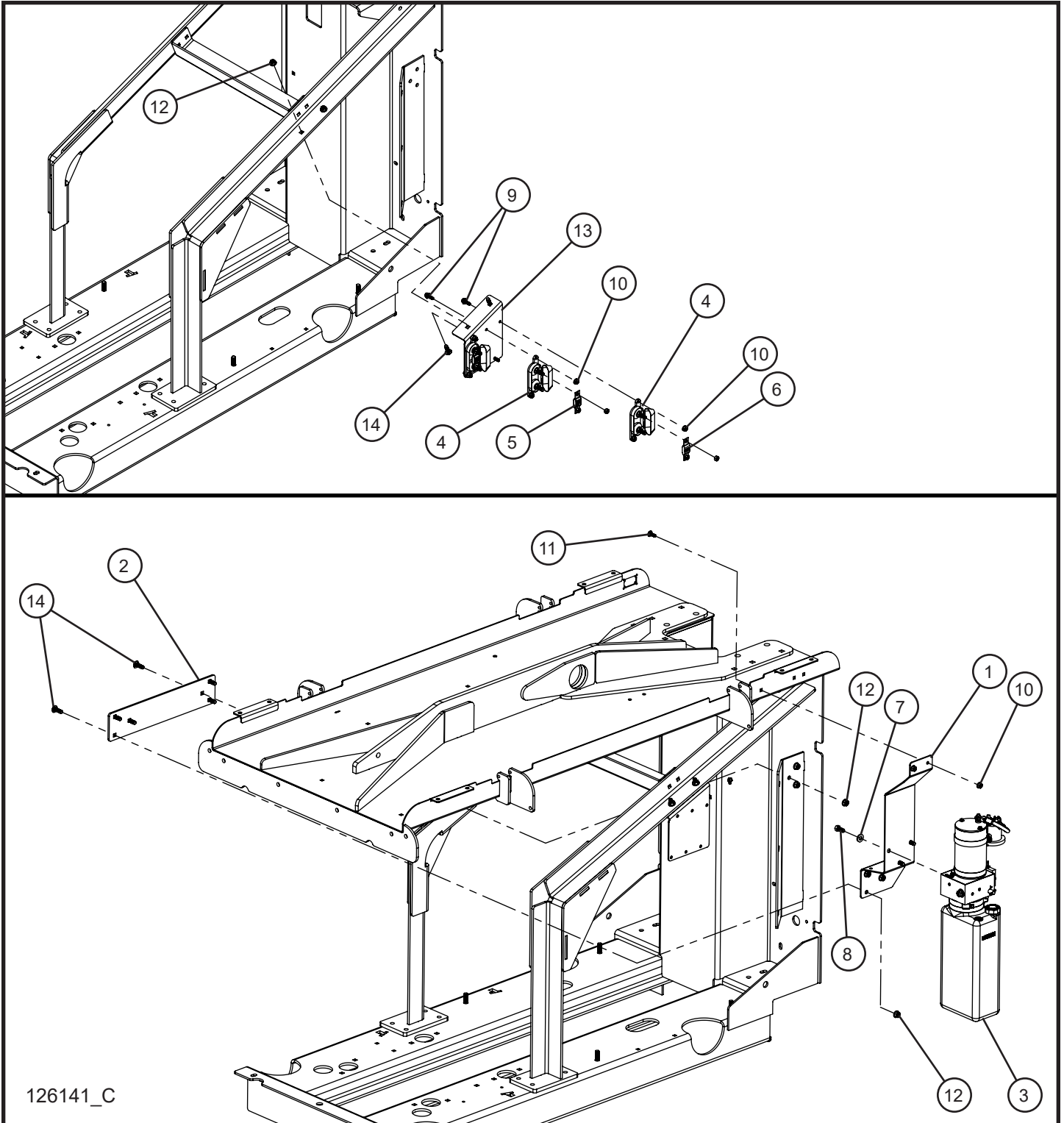
3.6 - Vertical Tower Section 4-Light Round and Light Bar

Item	Part No.	Part Description	Qty.
1	102972P	ROUND TOWER SECTION	1
2	114204P	VERTICAL LIGHT BAR WELDMENT NO CORD REEL	1
3	105363P	BRACKET LAMP ROTATING INDEXING LIGHT BAR	2
4	104063P	COVER LIGHT BAR	1
5	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD MS TP F	6
6	650550	.785" x 2" HDPE WASHER	7
7	047035	3/4 FLAT WASHER	7
8	044058	3/4-10 NYLOCK HEX NUT PL	7
9	101813	.781 ID x 2 OD x 1/2 HDPE WASHER	4
10	100147	UHMW BEARING TOWER ROTATION	1
11	100143P	ROTATION MOUNT	1
12	100148	SPRING LOCK 1/2-13 UNC x 1.4	3
13	046180	1/2-13 X 1 1/4 HEX HEAD CS GR5 PL	1
14	047019	NYLON BUSHING 3/4 OD x .385 ID	2
15	046126	3/8-16 x 1 3/4 HEX HEAD CS GR5 PL	4
16	044036	3/8-16 KEPS HEX NUT PL	4
17	680878	1 3/4 CAPLUG	1
18	047015	3/8 FLAT WASHER PL	2
19	102361	ADJUSTABLE LEVER PUSH BUTTON	2
20	100104P	LIGHT BAR BRACKET	2
21	044045	1/2-13 HEX NUT PL	6
22	711029	7/8 LOCKING HOLE PLUG	2
23	046010	1/4-20 x 1 HEX HEAD CS GR5 PL	1
24	043050	1/4 INT'L TOOTH LOCK WASHER	1
25	044021	1/4-20 KEPS HEX NUT PL	5
26	044023	1/4-20 NYLOCK HEX NUT PL	1
27	104979	UL/CSA CLEARANCE SPACER NYLON UNTHREADED	4
28	046010	1/4-20 x 3/4 HEX HEAD CS GR5 SS	4

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.7 - Vertical Tower Components (1 of 2)



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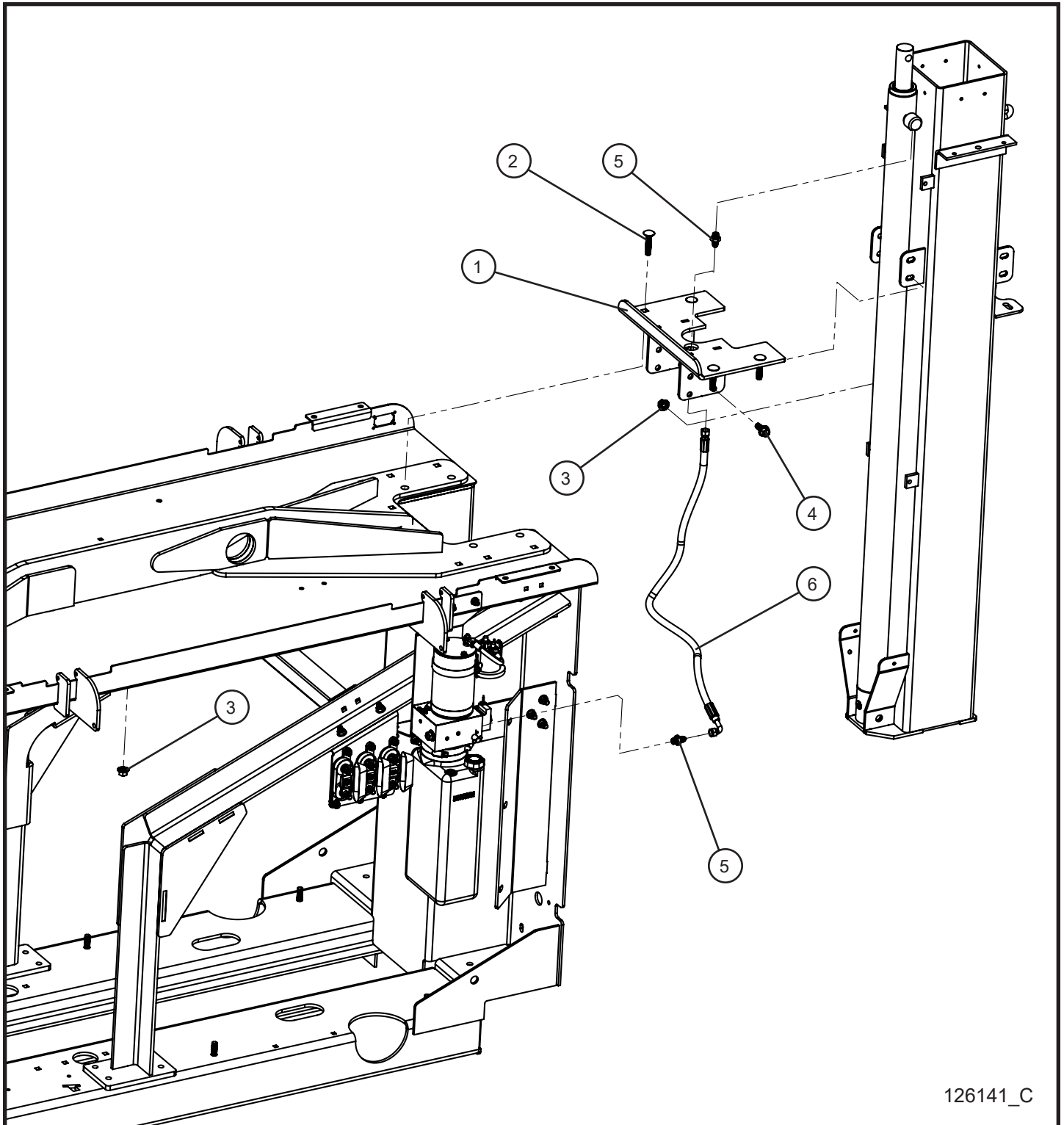
3.7 - Vertical Tower Components (1 of 2)

Item	Part No.	Part Description	Qty.
1	126146P	PUMP VERTICAL SUPPORT MOD HYBRID	1
2	126165P	FUSE MOUNT PLATE HYBRID	1
3	104358	POWER UNIT VERTICAL TOWER BUCHER	1
4	100235	FUSE HOLDER F AMG FUSE	3
5	123991	60A LITTLEFUSE MEGA	2
6	100234	125A FUSE LINK BUSS AMG	1
7	043055	5/16 SPLITLOCK WASHER	3
8	046045	5/16-18 x 3/4 HEX HEAD	3
9	056002	1/4-20 x 3/4 HEX SERRATED FLANGE SCREW	6
10	057001	1/4-20 HEX NYLOCK FLANGE NUT	8
11	053006	1/4-20 x 3/4 CARRIAGE BOLT	2
12	057008	5/16-18 HEX NYLOCK FLANGE NUT	8
13	120795P	FUSE HOLDER HYBRID LT-SERIES	1
14	053020	5/16-18 x 1 CARRIAGE BOLT	8

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.7 - Vertical Tower Components (2 of 2)



126141_C

Hybrid LT-Series™

SN 52-000001 and UP

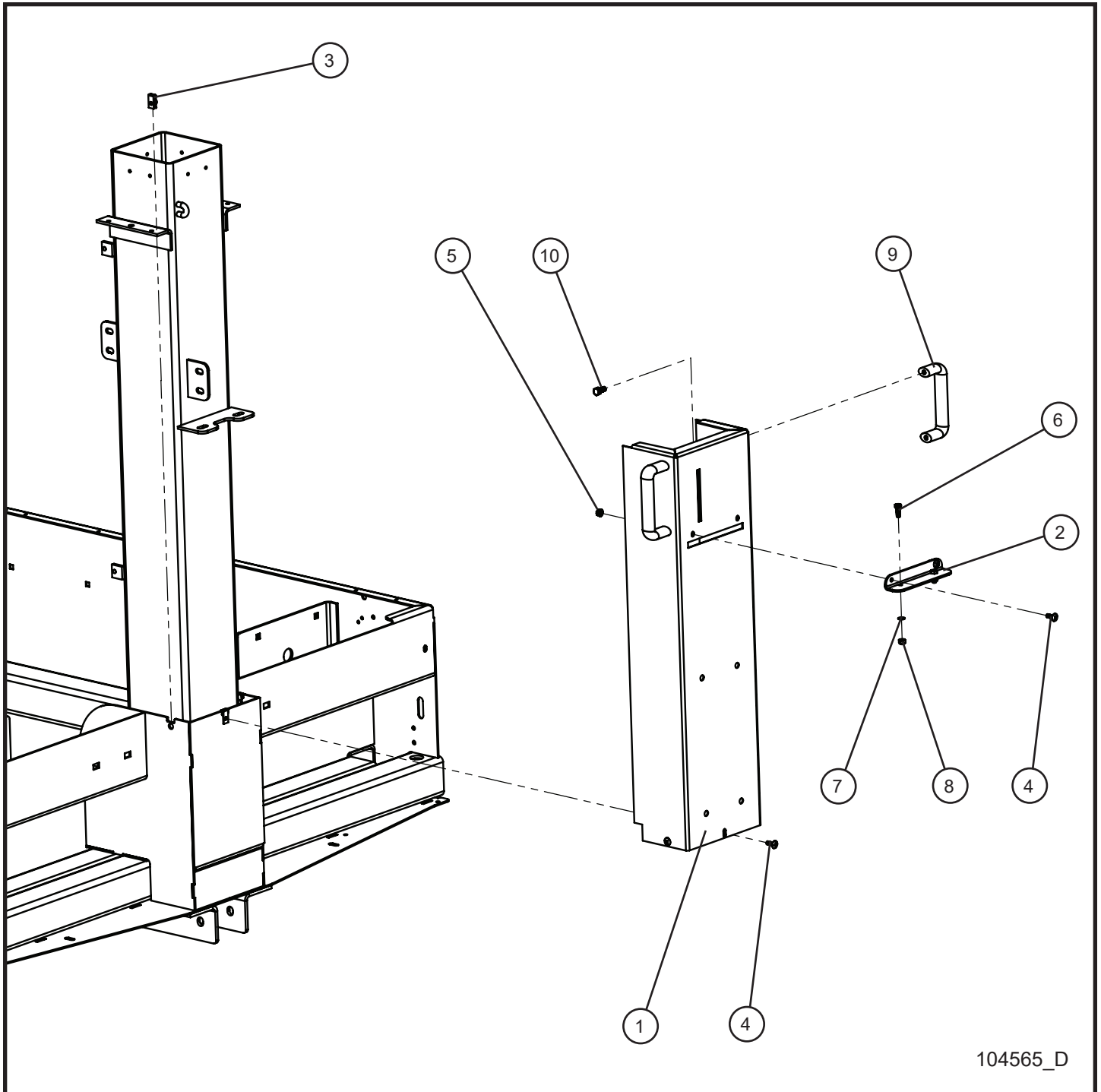
3.7 - Vertical Tower Components (2 of 2)

Item	Part No.	Part Description	Qty.
1	114014P	VERTICAL TOWER MOUNT WELDMENT	1
2	053031	3/8-16 x 1 3/4 CARRIAGE BOLT	4
3	044029	3/8-16 SERRATED FLANGE NUT	8
4	056010	3/8-16 x 1 SERRATED FLANGE HEX SCREW	4
5	923205	STRAIGHT ADAPTER	2
6	101910	HYDRAULIC HOSE 4FJX - 4FJX90S x 41.00	1
NS	056016	#10-24 x 3/8 SERRATED FLANGE HEX BOLT	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.8 - Vertical Tower Front Cover



104565_D

Hybrid LT-Series™

SN 52-000001 and UP

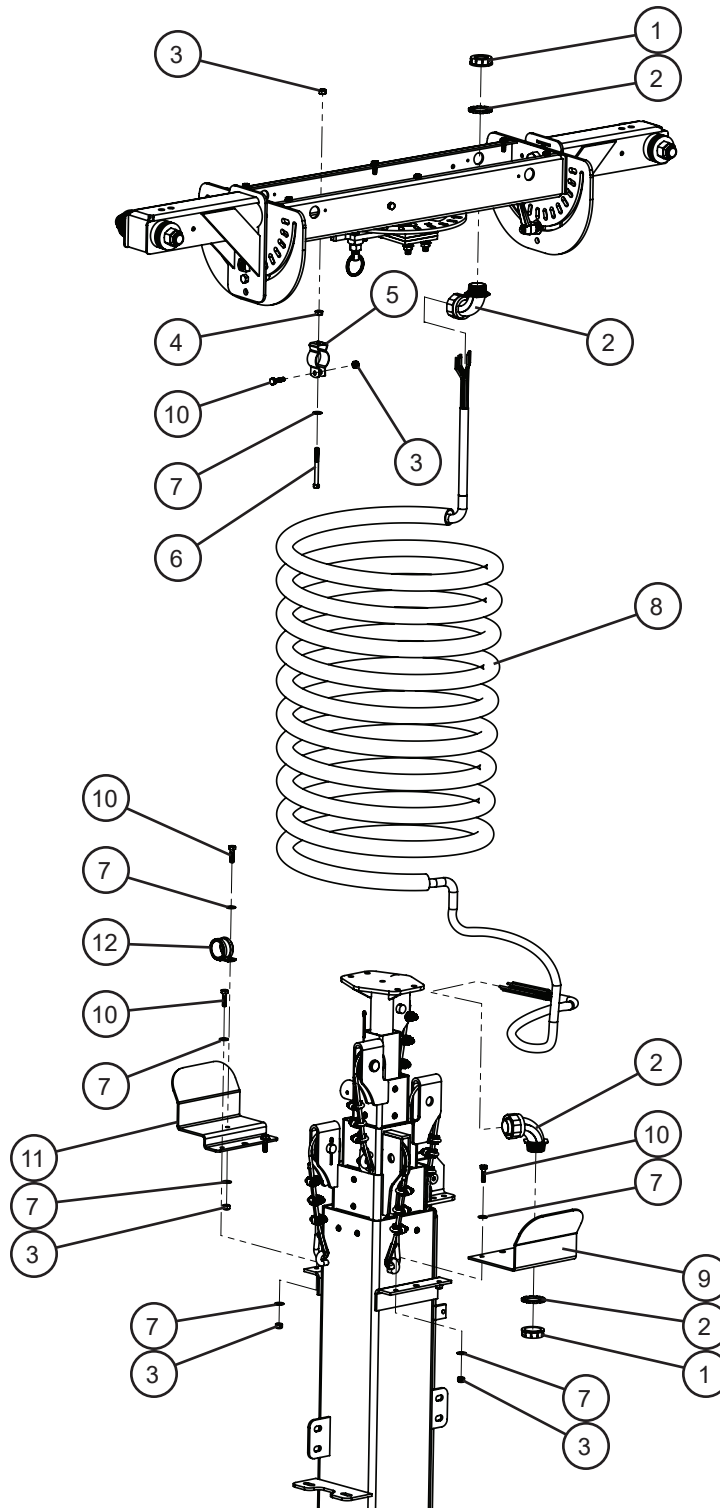
3.8 - Vertical Tower Front Cover

Item	Part No.	Part Description	Qty.
1	104555P	VERTICAL TOWER COVER PANEL	1
	104555HD	VERTICAL TOWER COVER PANEL - HD POWDER COAT	1
2	104299P	HANDLE BRACKET VERTICAL TOWER	1
3	044106	1/4-20 TINNEMAN NUT	3
4	041050	1/4-20 x 3/4 PH-TRUSS HEAD MACHINE SCREW	5
5	044021	1/4-20 KEPS HEX NUT	2
6	046010	1/4-20 x 3/4 HEX HEAD BOLT	2
7	047009	1/4 FLAT WASHER	2
8	044023	1/4-20 NYLOCK HEX NUT	2
9	103887	HANDLE THREE POINT	2
10	056030	5/16-18 X 1/2 HEX FLANGE SCREW	4

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.9 - Vertical Tower Nycoil Tower Cord



126149_A

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SN 52-000001 and UP

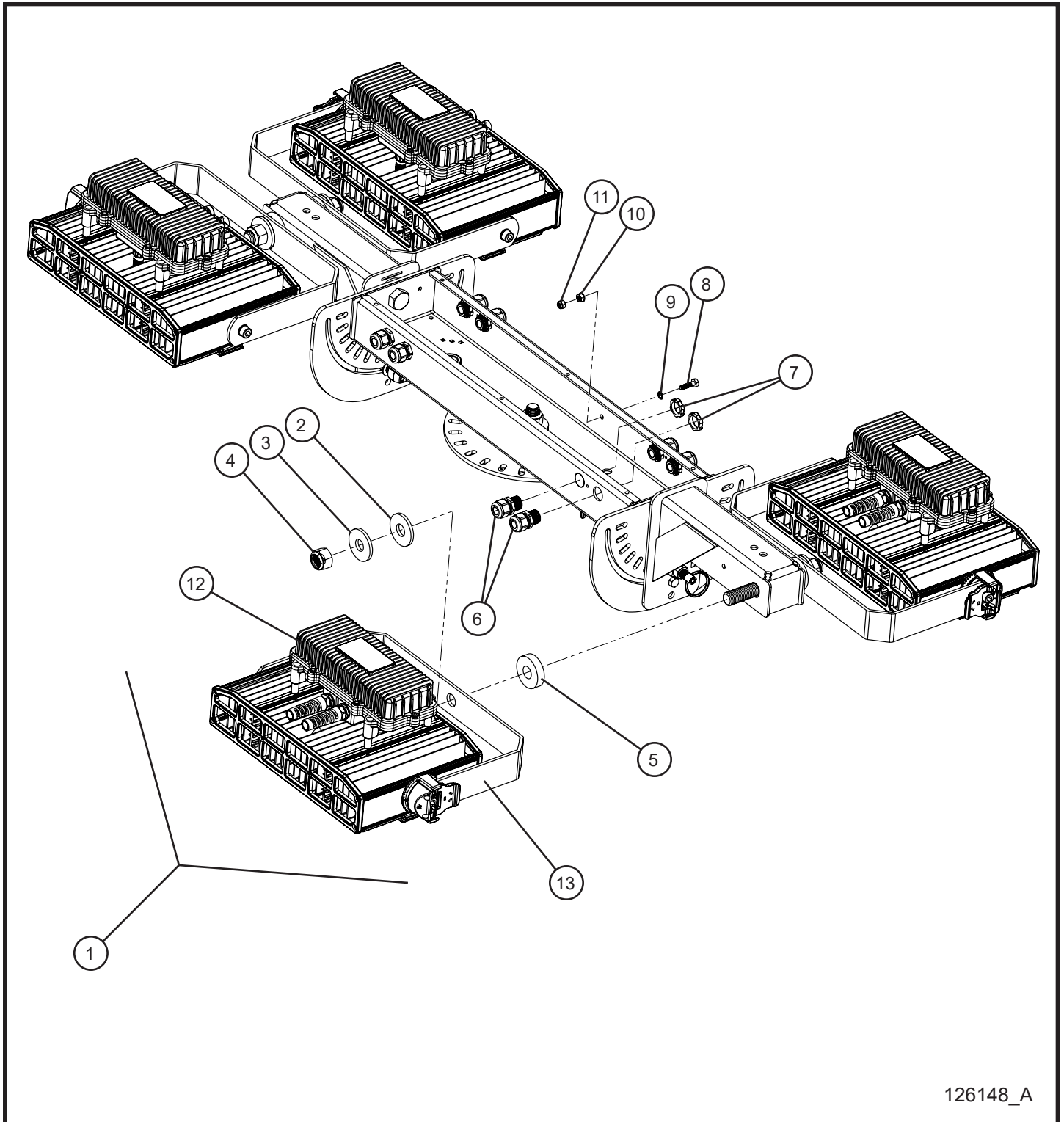
3.9 - Vertical Tower Nycoil Tower Cord

Item	Part No.	Part Description	Qty.
1	101672	1" INSULATING BUSHING	2
2	102979	CORD GRIP 90° ELBOW LIQUID TIGHT	2
3	044023	1/4-20 NYLOCK HEX NUT PL	7
4	044021	1/4-20 KEPS HEX NUT PL	1
5	100474	1" CONDUIT CLAMP	1
6	046037	1/4-20 x 2 3/4 HEX HEAD CS GR5 PL	1
7	047009	1/4 FLAT WASHER SAE SS	11
8	126219	ASSEMBLY NYCOIL 16/10 CORD HYBRID LIGHT TOWER	1
9	102977P	CORD GRIP BRACKET	1
10	046015	1/4-20 x 1 HEX HEAD CS GR5 PL	6
11	102978P	NYCOIL CLAMP PLATE	1
12	920366	#16 CUSH CLAMP W/ 3/8 HOLE	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.10 - 350W Dimmable 48VDC LED Lamp Install Group



126148_A

Hybrid LT-Series™

SN 52-000001 and UP

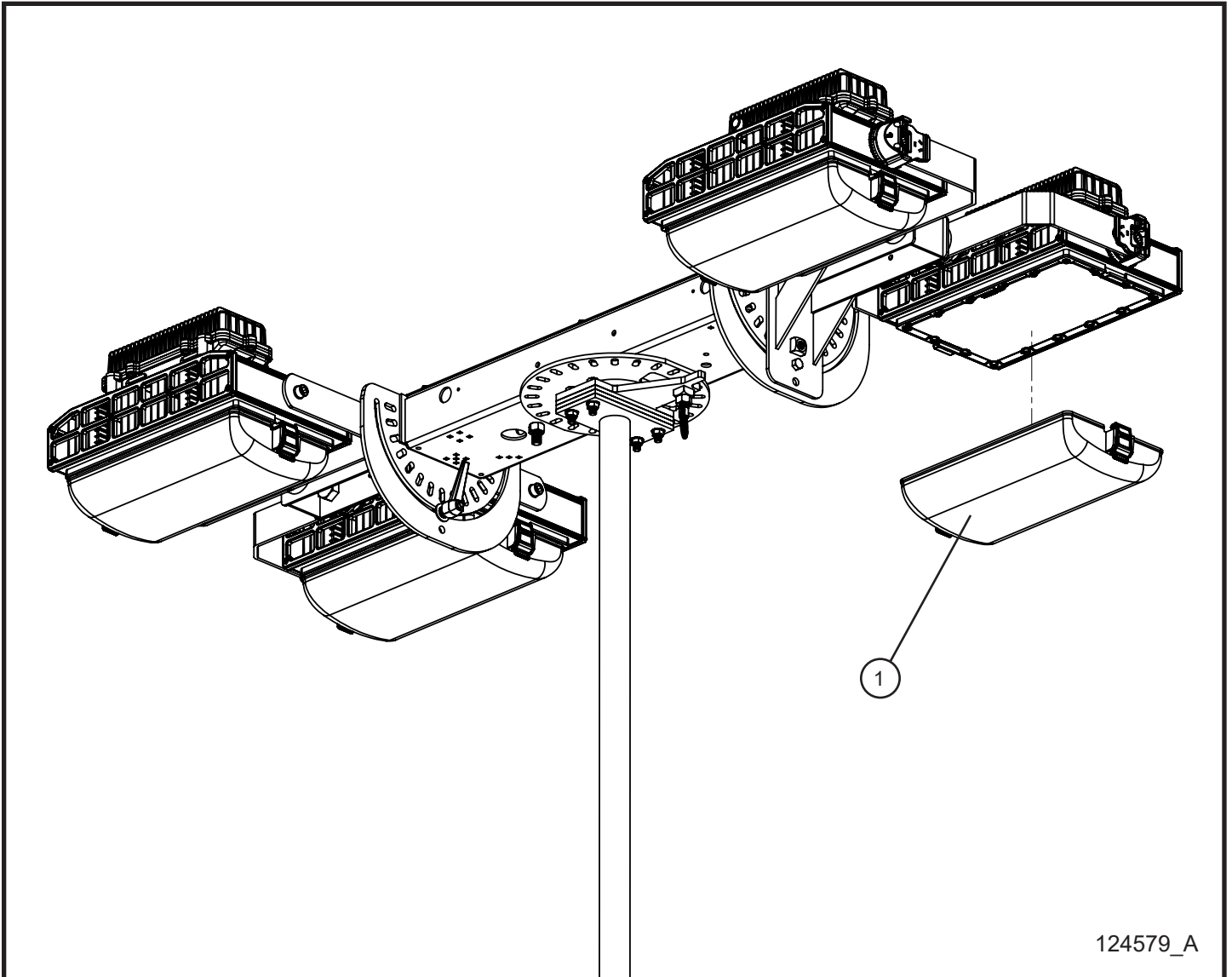
3.10 - 350W Dimmable 48VDC LED Lamp Install Group

Item	Part No.	Part Description	Qty.
1	125900	350W DIMMABLE 48VDC LED LIGHT	4
2	650550	.785" x 2" HDPE WASHER	4
3	047035	3/4 FLAT WASHER PL	4
4	044058	3/4-10 NYLOCK HEX NUT PL	4
5	101813	.781 ID x 2 OD x 1/2 HDPE WASHER	4
6	105626	1/2 CORD GRIP	8
7	022035	1/2 CORD GRIP NUT	8
8	046015	1/4-20 x 1 HEX HEAD BOLT	1
9	043050	1/4 INTL TOOTHLOCK WASHER	1
10	044021	1/4-20 KEPS HEX NUT	1
11	044023	1/4-20 NYLOCK HEX NUT	1
12	* * *	DRIVER KUM1S-350 SMD LED 350W	1
13	* * *	YOKE & HARDWARE KIT KUM1S-350	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

3.11 - LED Lamp Diffuser



Hybrid LT-Series™

SN 52-000001 and UP

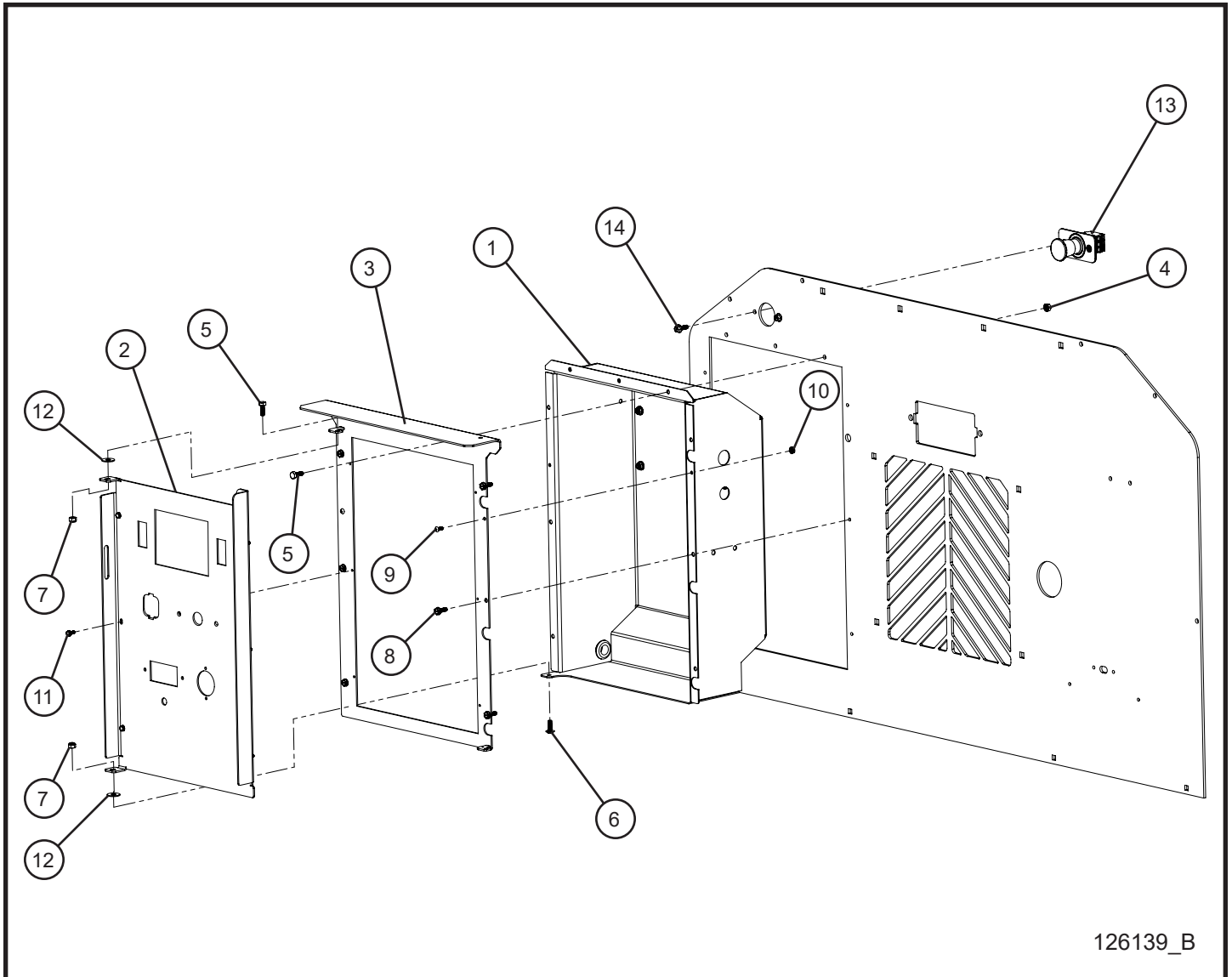
3.11 - LED Lamp Diffuser

Item	Part No.	Part Description	Qty.
1	123199	DIFFUSER LED LIGHT KUM1S-350	4

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

4.1 - Control Box and E-Stop Install Group



Hybrid LT-Series™

SN 52-000001 and UP

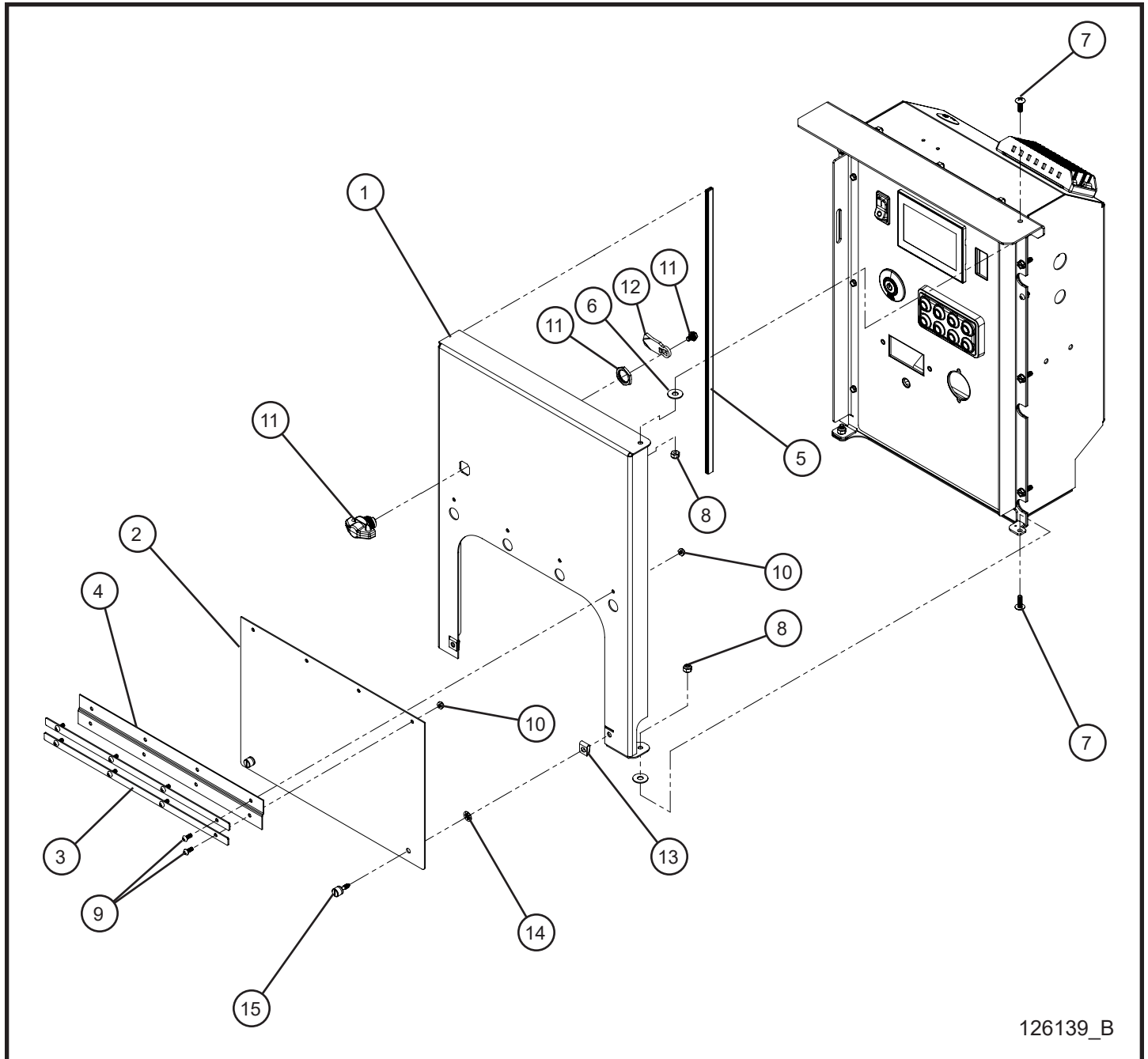
4.1 - Control Box and E-Stop Install Group

Item	Part No.	Part Description	Qty.
1	126127P	COMPONENT BOX HYBRID LIGHT TOWER	1
2	126129P	PANEL CONTROL HYBRID LT-SERIES	1
3	113480P	DOOR MOUNT COMP BOX	1
4	044021	1/4-20 KEPS HEX NUT	3
5	046010	1/4-20 x 3/4 HEX HEAD	4
6	041050	1/4-20 x 3/4 PH-TRUSS HEAD	3
7	044023	1/4-20 NYLOCK HEX NUT	4
8	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD	6
9	041021	#10-24 x 1/2 PH-ROUND HEAD	10
10	044016	#10-24 KEPS HEX NUT	2
11	041031	#10-24 x 1/2 HEX HEAD	6
12	711036	3/8 NYLON WASHER 7/8 OD x .344 ID	4
13	125250	EMERGENCY STOP PANEL MOUNT THREE CONTACTS	1
14	056019	1/4-20 x 3/4 HEX FLANGE SCREW	3
NS	115259	1/8 x 1/2 POLYURETHANE FOAM x 12.50	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

4.2 - Control Box Door



126139_B

Hybrid LT-Series™

SN 52-000001 and UP

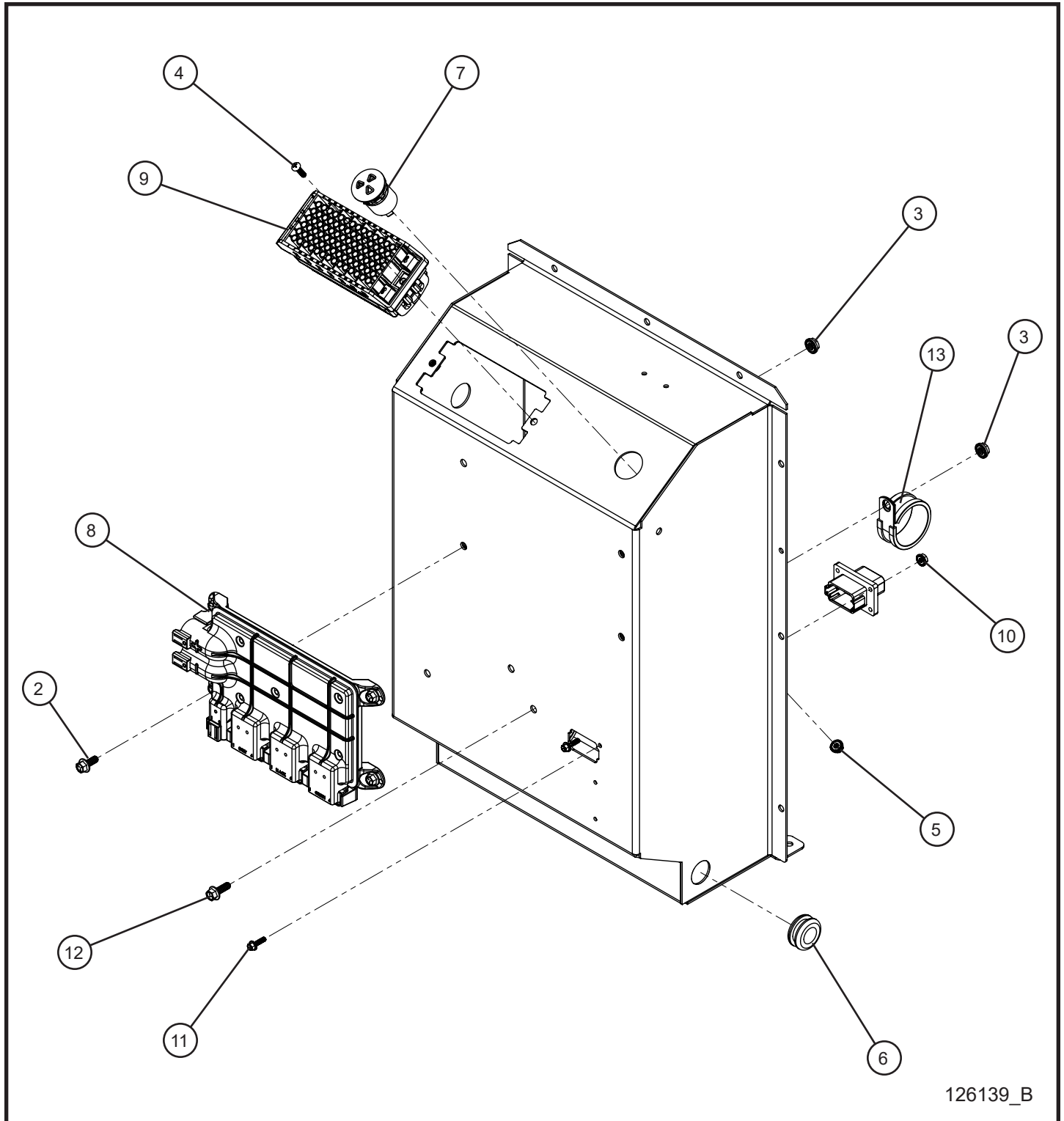
4.2 - Control Box Door

Item	Part No.	Part Description	Qty.
1	111226P	COMPONENT BOX DOOR PANEL	1
2	112431P	COMPONENT BOX DOOR FLAP	1
3	112433P	COMPONENT BOX HINGE STRAP	2
4	115115	HINGE	1
5	030053	5/64 x 7/16 x 20 TRIMLOCK	1
6	711036	3/8 NYLON WASHER 7/8 OD x 11/32 ID	3
7	041050	1/4-20 x 3/4 PH-TRUSS HEAD MACHINE SCREW	3
8	044023	1/4-20 NYLOCK HEX NUT	7
9	041021	#10-24 x 1/2 PH-ROUND HEAD MACHINE SCREW	10
10	044018	#10-24 NYLOCK HEX NUT	8
11	111481	PADLOCKABLE BLACK WINGKNOB	1
12	111482	LATCH CAM STRAIGHT	1
13	045216	1/4-20 TINNEMAN NUT	1
14	115243	RETAINER PUSH ON	2
15	115244	FAST THREAD KNURLED KNOB	2

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

4.3 - Control Box Rear Install Group



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Hybrid LT-Series™

SN 52-000001 and UP

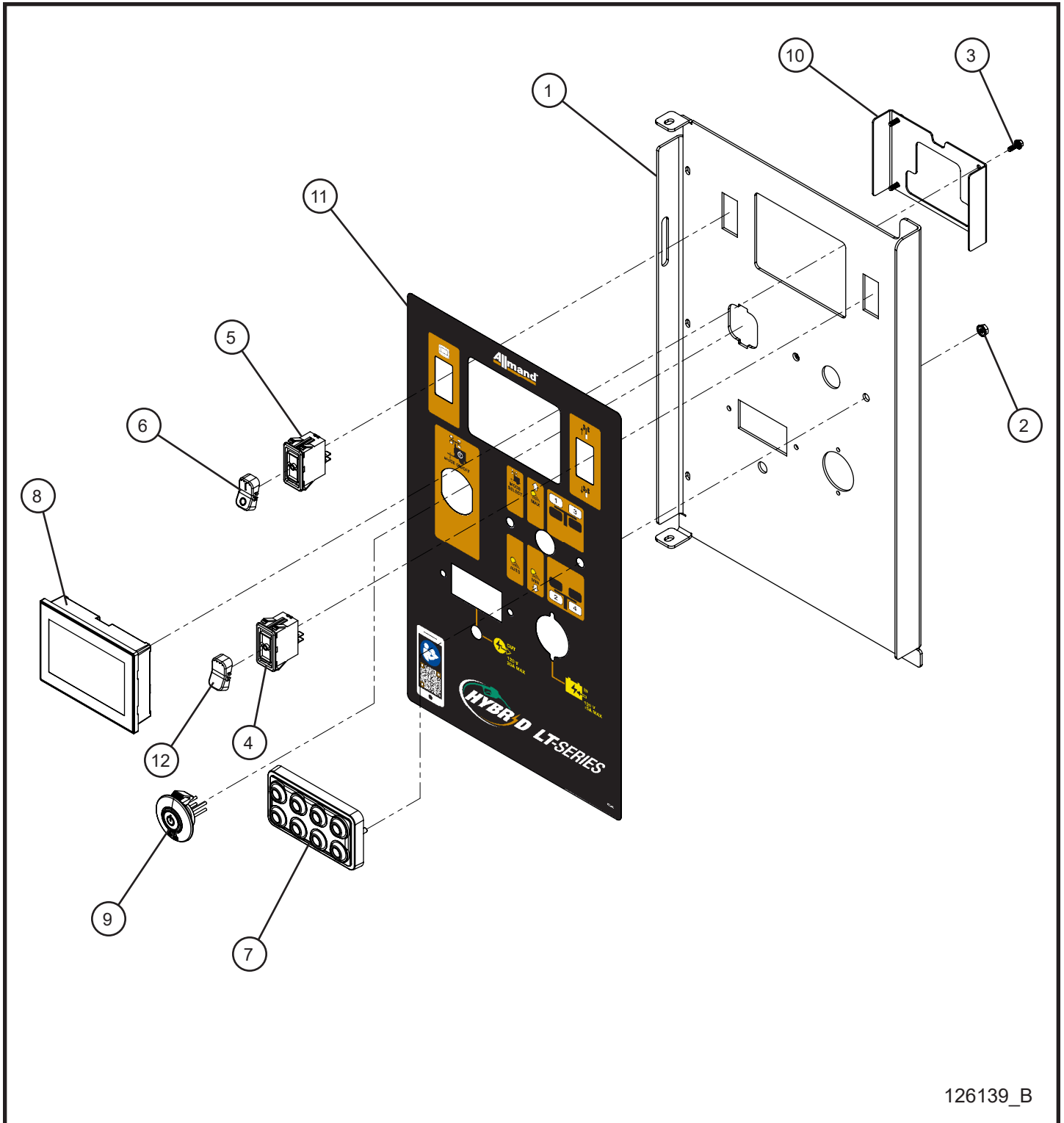
4.3 - Control Box Rear Install Group

Item	Part No.	Part Description	Qty.
1	126127P	COMPONENT BOX HYBRID LIGHT TOWER	1
2	056040	1/4-20 x 5/8 HEX FLANGE SCREW	4
3	057000	1/4-20 HEX SERRATED FLANGE NUT	5
4	041027	#10-24 x 3/4 PH-ROUND HEAD MS	2
5	057004	#10-24 SERRATED FLANGE HEX NUT	2
6	330463	11/16 RUBBER GROMMET	1
7	123995	AUDIBLE ALARM	1
8	122043	POWER DISTRIBUTION MODULE IX3212-12V	1
9	123204	HARNESS CONTROL BOX HYBRID LT-SERIES	1
10	057003	#8-32 SERRATED FLANGE HEX LOCKNUT	2
11	056020	#8-32 x 5/8 SERRATED FLANGE HEX SCREW	2
12	056019	1/4-20 x 3/4 HEX FLANGE SCREW	3
13	106144	#2013 CUSH CLAMP	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

4.4 - Control Panel



126139_B

Hybrid LT-Series™

SN 52-000001 and UP

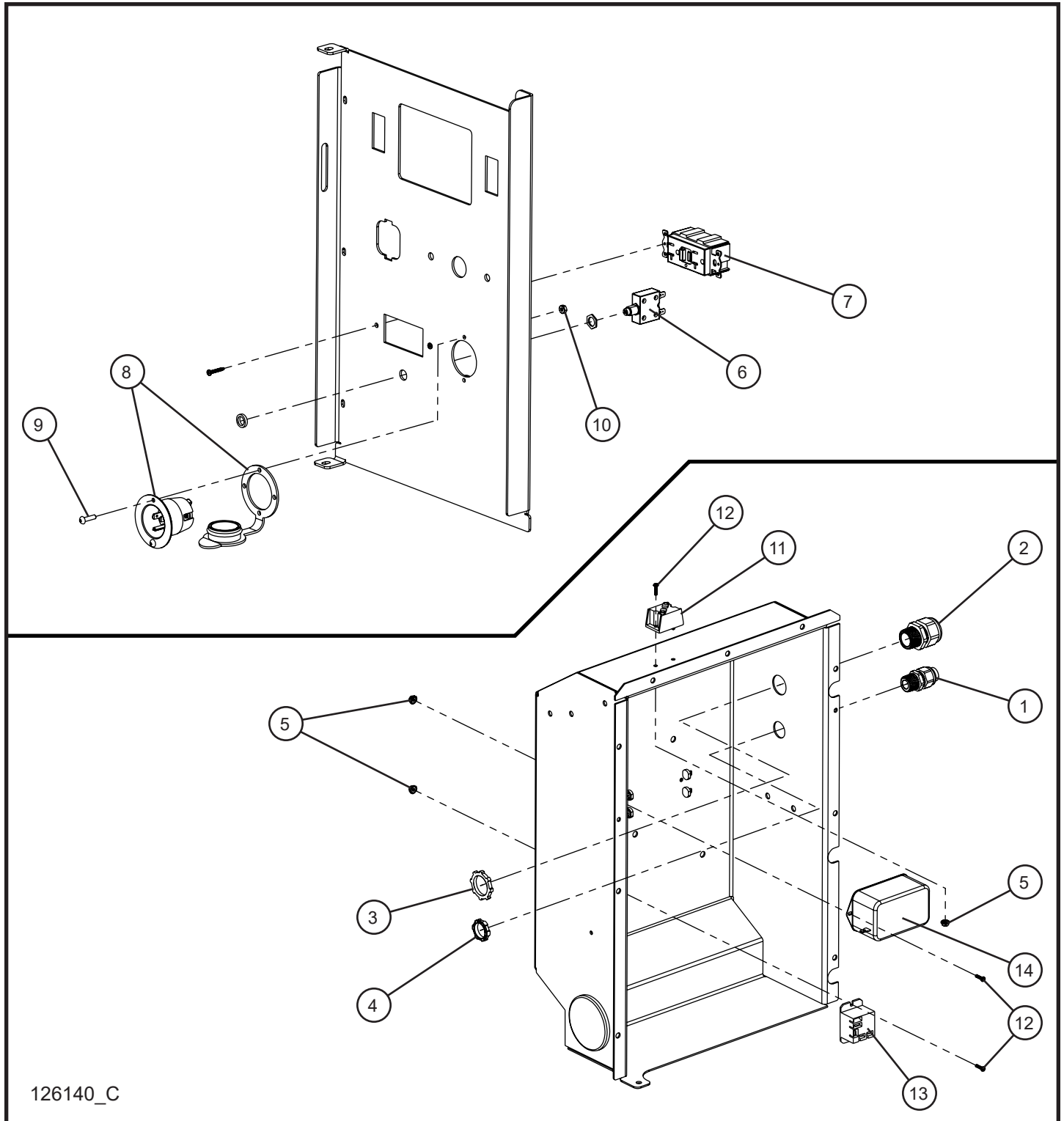
4.4 - Control Panel

Item	Part No.	Part Description	Qty.
1	126129P	PANEL CONTROL HYBRID LT-SERIES	1
2	057012	#10-32 HEX SERRATED FLANGE NUT	2
3	056006	#8-32 x 1/2 SERRATED FLANGE HEX SCREW	4
4	123994	3 POSITION SWITCH BASE MOMENTARY DPDT	1
5	123993	2 POSITION SWITCH BASE SPST-NO	1
6	123207	ON/OFF ROCKER SWITCH	1
7	122036	HMI CAN KEYPAD	1
8	122042	PV500 CONTROLLER	1
9	123206	PUSH BUTTON START	1
10	126147P	BRACKET MOUNT PV500 ENOVATION CONTROLLER	1
11	123980	DECAL CONTROL PANEL HYBRID	1
12	123973	UP/DOWN ROCKER SWITCH TOWER RAISE/LOWER	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

4.5 - Control Box Outlet & Inlet Install Group



126140_C

Hybrid LT-Series™

SN 52-000001 and UP

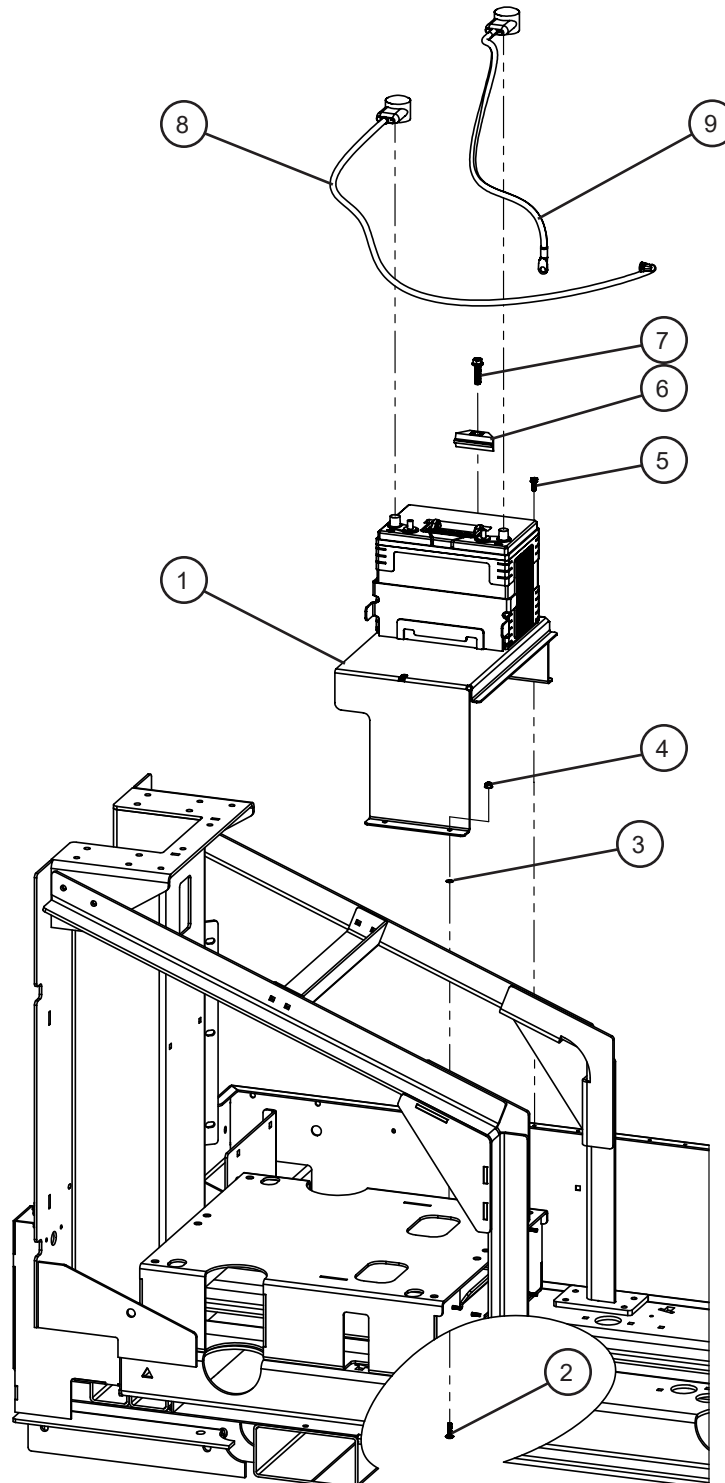
4.5 - Control Box Outlet & Inlet Install Group

Item	Part No.	Part Description	Qty.
1	105626	1/2 CORD GRIP	1
2	105916	3/4 GRIP CORD NYLON	1
3	022036	3/4 CORD GRIP NUT	1
4	022035	1/2 CORD GRIP NUT	1
5	057005	#6-32 SERRATED FLANGE HEX NUT	26
6	118398	BREAKER THERMAL PUSH BUTTON 20A CSA	1
7	330499	RECEPTACLE GFCI 20 AMP	1
8	118678	INLET 15A 125VAC NEMA 5-15P	1
9	041203	#8-32 x 3/4 SCREW MS	2
10	044003	#8-32 NC KEPS NUT	2
11	123979	CHARGER PROTECTION DIODE	1
12	100029	#6-32 x 1/2 PH-ROUND HEAD MS	6
13	125219	CHARGER RELAY	1
14	125222	SCHAFFNER POWER LINE FILTER 20A FAST-ON	1
NS	125442	CABLE KIT LESTER 48V CHARGER HYBRID LT-SERIES	1
NS	123983	INVERTER TO GFCI A/C CORD	1
NS	126221	WIRE 12 AWG BLACK x 6.00	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.1 - 12V Battery Install Group



120062_C

Hybrid LT-Series™

SN 52-000001 and UP

5.1 - 12V Battery Install Group

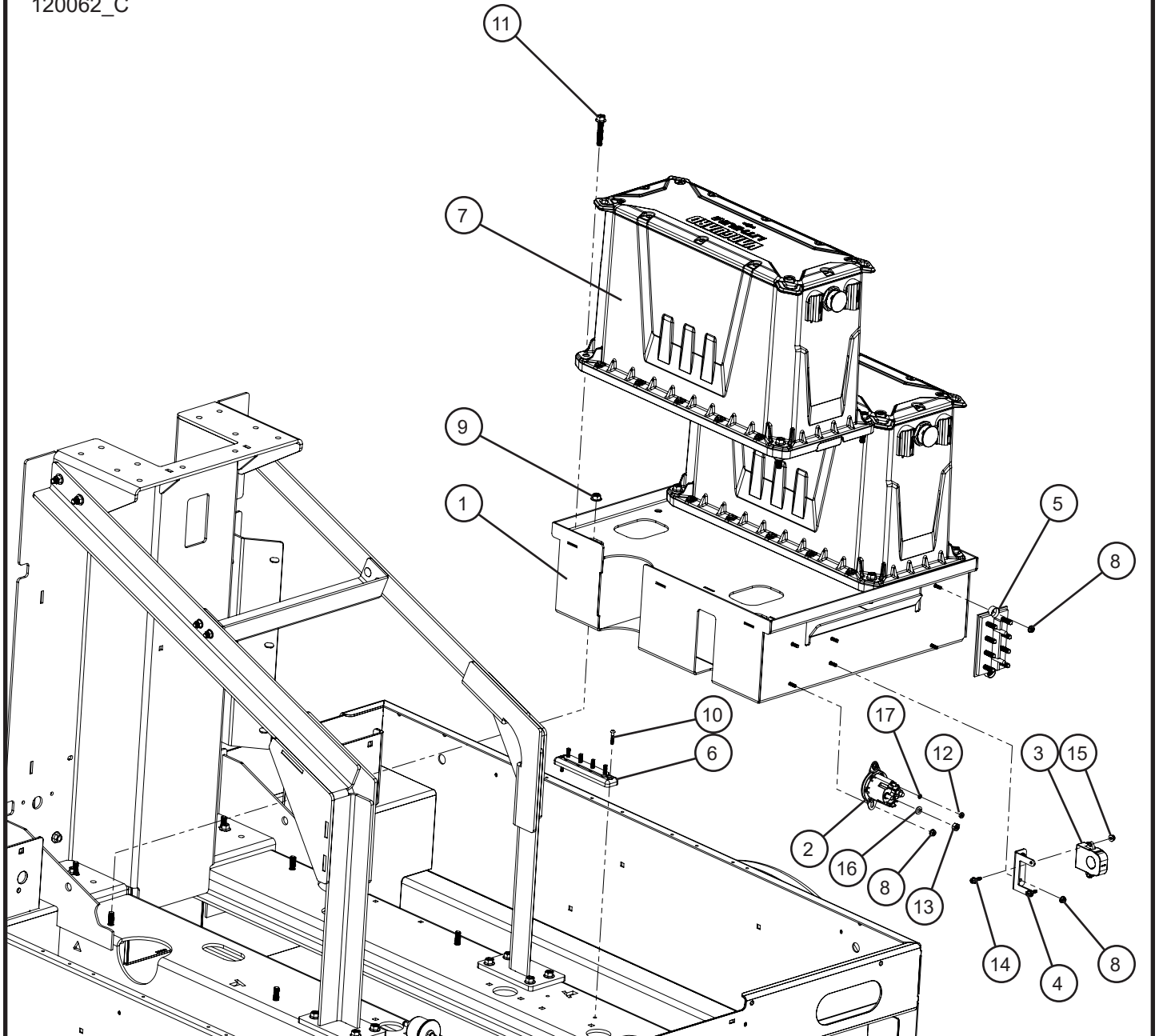
Item	Part No.	Part Description	Qty.
1	120059P	MAXI-LITE DUAL BATTERY MOUNT	1
2	100342	1/4-20 x 1 CARRIAGE BOLT	2
3	101701	1/4 PUSH NUT	2
4	057001	1/4-20 HEX NYLOCK FLANGE NUT	2
5	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD MACHINE SCREW	2
6	107115	BATTERY HOLD DOWN	1
7	056015	3/8-16 x 1 1/2 HEX FLANGE SCREW	1
8	* * *	RED BATTERY CABLE	1
9	* * *	BLACK BATTERY CABLE	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.2 - Lithium Ion Batteries Install Group

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Hybrid LT-Series™

SN 52-000001 and UP

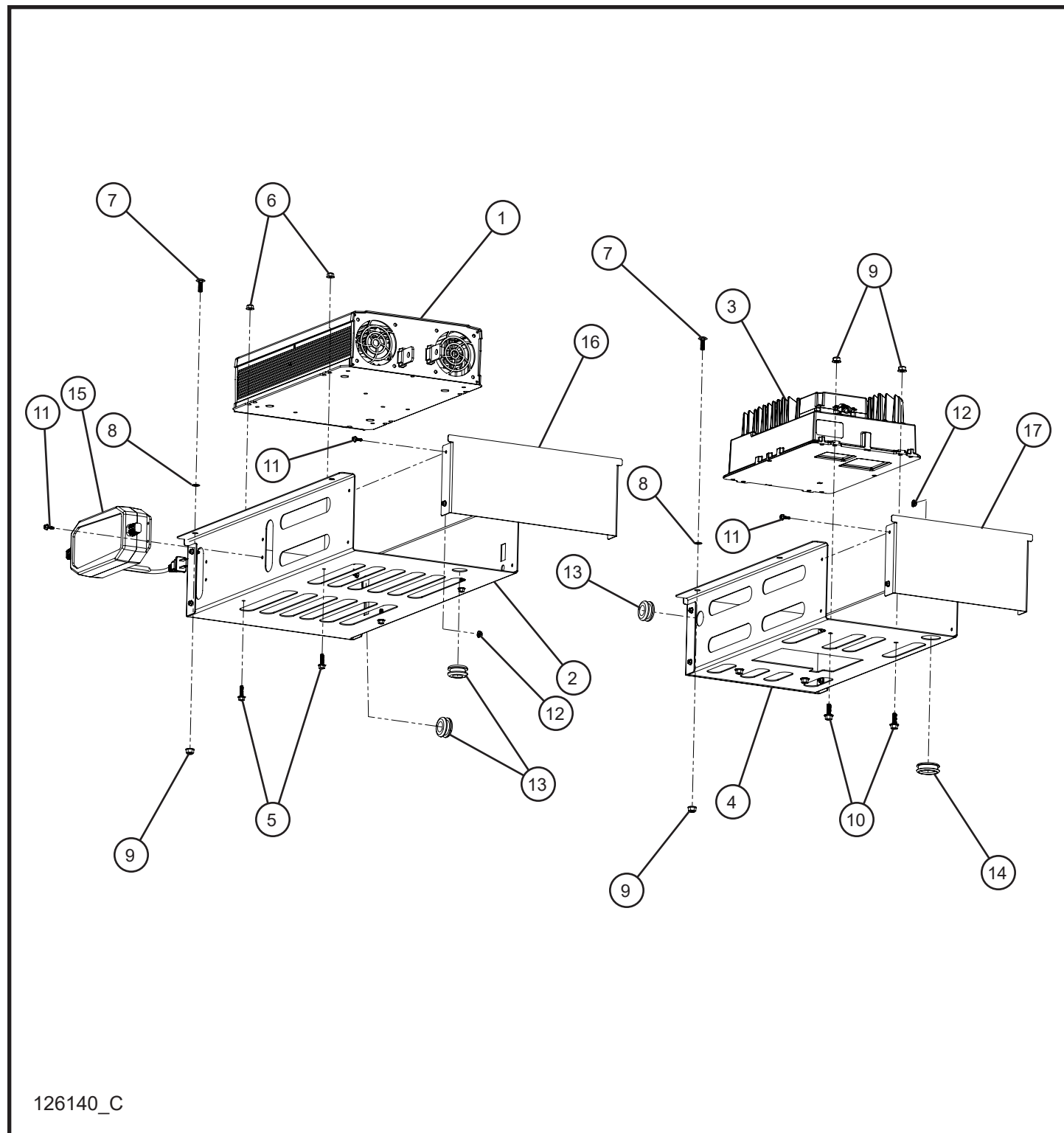
5.2 - Lithium Ion Batteries Install Group

Item	Part No.	Part Description	Qty.
1	126295P	WELDMENT LITHIUM BATTERY BOX HYBRID LT-SERIES	1
2	123987	CONTACTOR BATTERY OUTPUT	1
3	125269	500A FLUXGATE CURRENT SENSOR	1
4	126079P	BRACKET CURRENT SENSOR HYBRID LT-SERIES	1
5	123989	48V DISTRIBUTION BLOCK	1
6	123990	12V GROUND BLOCK	1
7	122045	B&S 7kWH LITHIUM ION BATTERY PACK	2
8	057004	#10-24 SERRATED FLANGE HEX NUT	6
9	057007	3/8-16 HEX NYLOCK FLANGE NUT	4
10	041030	#10-24 x 1 PH-ROUND HEAD MS	2
11	056037	3/8-16 X 2 HEX FLANGE SCREW WITH BLUE THREAD LOCK	8
12	123150	#10-32 HEX M/S NUT	2
13	123149	5/16-24 HEX NUT	2
14	056005	#10-24 X 3/4 SERRATED FLANGE HEX SCREW	2
15	057010	#10-24 HEX NYLOC FLANGE NUT	2
16	043055	5/16 SPLIT LOCK WASHER	2
17	122948	#10 SPLIT LOCK WASHER	2
NS	123205	CHASSIS GROUND / LARGE CABLES - KIT	1
NS	123203	MAIN HARNESS HYBRID	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.3 - Inverter and Battery Charger Install Group



126140_C

Hybrid LT-Series™

SN 52-000001 and UP

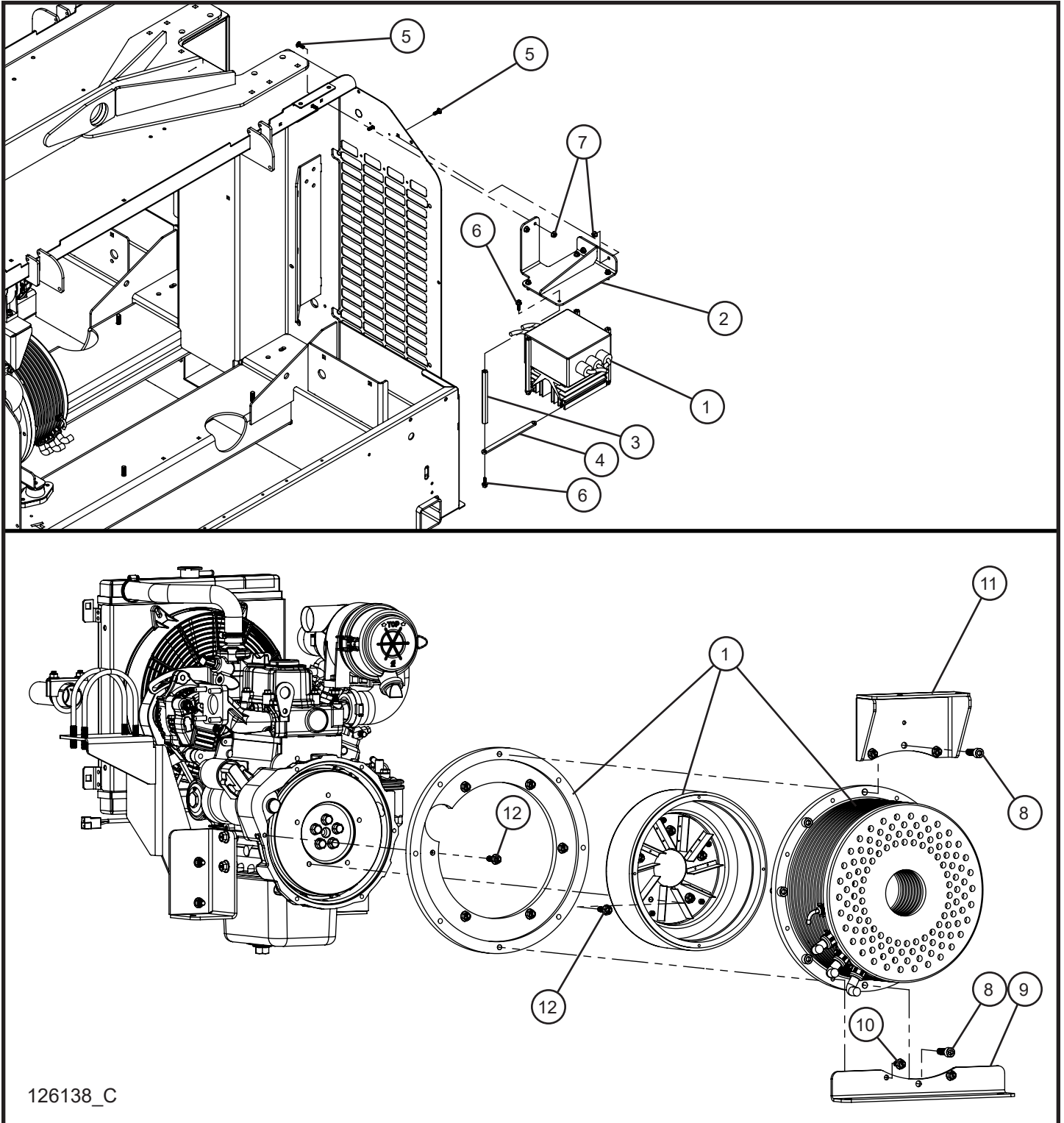
5.3 - Inverter and Battery Charger Install Group

Item	Part No.	Part Description	Qty.
1	125157	MEANWELL INVERTER 120VAC / 48VDC	1
2	126160P	INVERTER COVER HYBRID	1
3	122046	48VDC BATTERY CHARGER	1
4	126155P	CHARGER COVER HYBRID	1
5	056005	#10-24 x 3/4 SERRATED FLANGE HEX SCREW	4
6	057010	#10-24 HEX NYLOC FLANGE NUT	4
7	053006	1/4-20 x 3/4 CARRIAGE BOLT	8
8	101701	1/4 PUSH NUT	8
9	057001	1/4-20 HEX NYLOCK FLANGE NUT	12
10	056002	1/4-20 x 3/4 HEX SERRATED FLANGE SCREW	4
11	056007	#6-32 x 1/2 HEX SERRATED FLANGE SCREW	20
12	057005	#6-32 SERRATED FLANGE HEX NUT	26
13	330463	11/16 RUBBER GROMMET	3
14	114183	1" RUBBER GROMMET	1
15	123201	BATTERY TENDER 3 AMP AUTO BATTERY CHARGER & MAINTAINER	1
16	120298P	INVERTER SPLASH GUARD HYBRID LT-SERIES	2
17	126299P	CHARGER SPLASH GUARD HYBRID LT-SERIES	2
NS	125442	CABLE KIT LESTER 48V CHARGER HYBRID LT-SERIES	1
NS	123983	INVERTER TO GFCI A/C CORD	1
NS	126221	WIRE 12 AWG BLACK x 6.00	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.4 - PMG and Rectifier Install Group



126138_C

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SN 52-000001 and UP

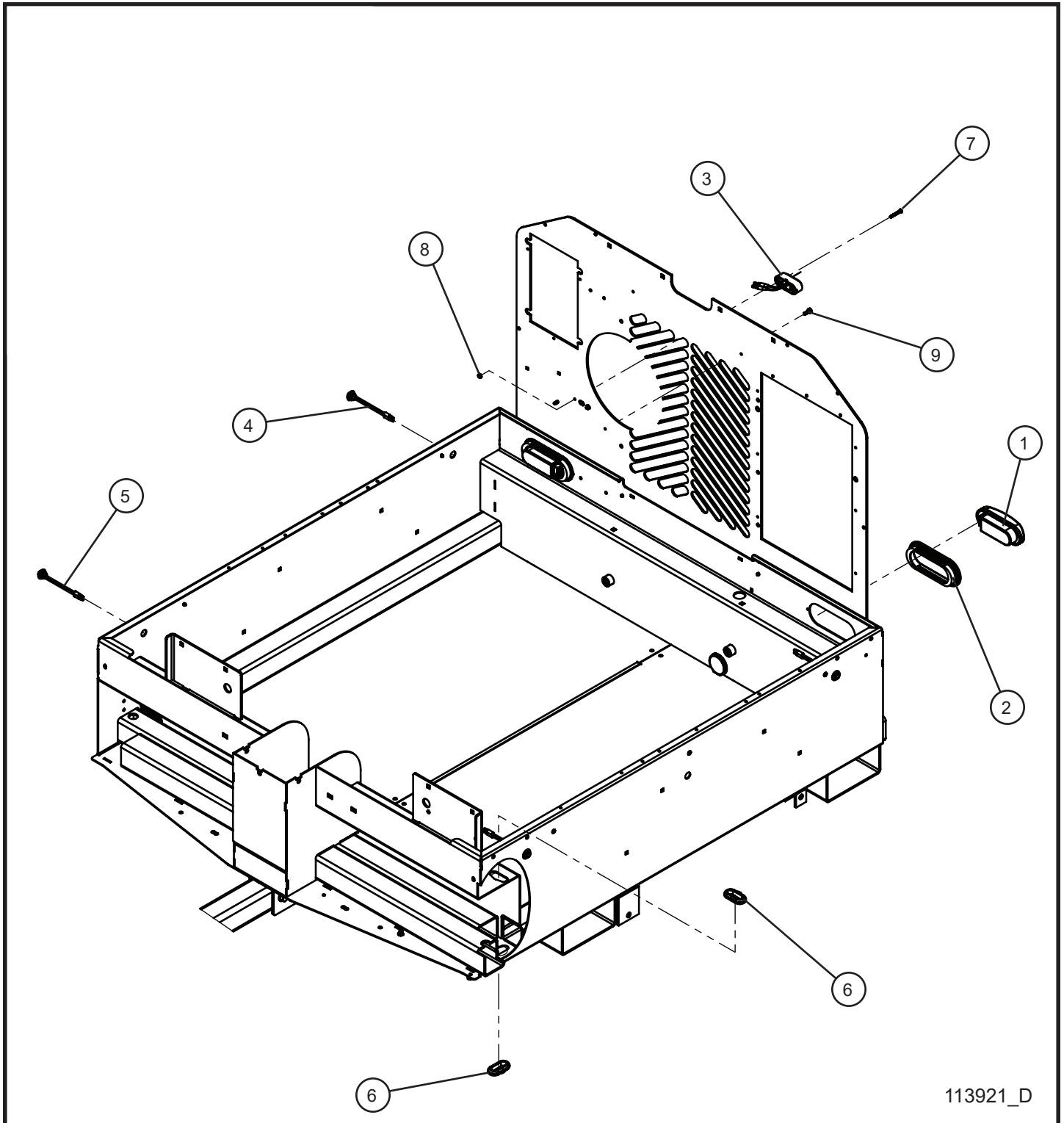
5.4 - PMG and Rectifier Install Group

Item	Part No.	Part Description	Qty.
1	122047	PMG AND RECTIFIER	1
2	126166P	RECTIFIER BRACKET WELDMENT	1
3	123992	6" HEX ROD	4
4	126169P	RECTIFIER RETENTION STRAPS	2
5	053006	1/4-20 X 3/4 CARRIAGE BOLT	4
6	056019	1/4-20 X 3/4 HEX FLANGE SCREW	8
7	057001	1/4-20 HEX NYLOCK FLANGE NUT	4
8	054002	M10 x 1.50 x 30 - 8.8 SOCKET HEAD SCREW W/ BLUE LOCTITE	8
9	126130P	GENERATOR MOUNT HYBRID	1
10	055003	M8 x 1.25 x 16 HEX FLANGE SCREW W/ BLUE THREAD LOCK	2
11	126119P	AIR CLEANER BRACKET WELDMENT KUBOTA Z482 HYBRID	1
12	055006	M8 x 1.25 x 25 HEX FLANGE SCREW W/ RED THREAD LOCK	11

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.5 - Side Marker Lights and Tail Lights



Hybrid LT-Series™

SN 52-000001 and UP

5.5 - Side Marker Lights and Tail Lights

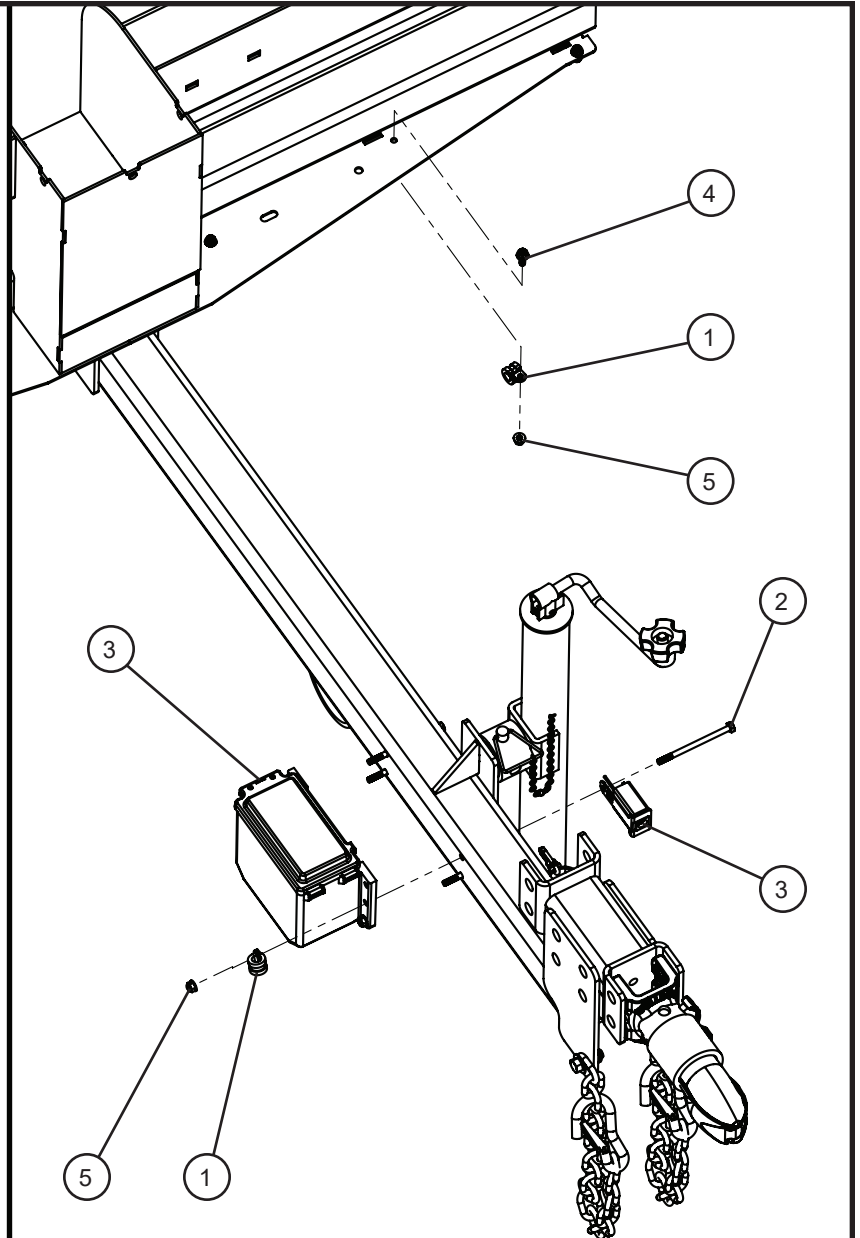
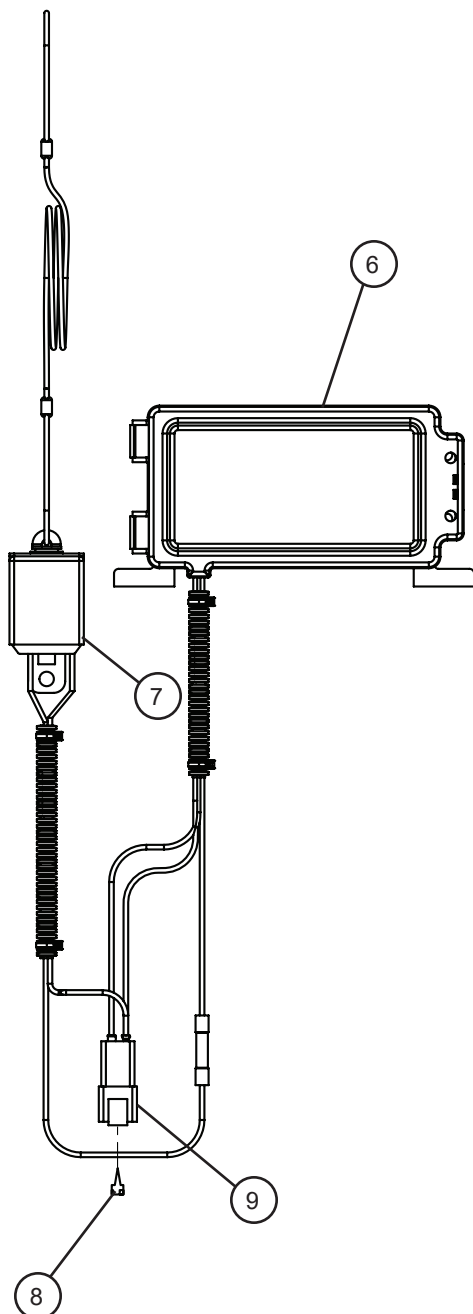
Item	Part No.	Part Description	Qty.
1	102721	LED TAIL LAMP	2
2	102825	GROMMET	2
3	115116	LICENSE PLATE LED LIGHT	1
4	106211	RED BULLET LED MARKER LIGHT	2
5	106212	AMBER BULLET LED MARKER LIGHT	2
6	106542	RUBBER GROMMET	2
7	041040	#10-24 x 1 1/2 PH-ROUND HEAD MACHINE SCREW	2
8	044016	#10-24 KEPS HEX NUT	2
9	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD MACHINE SCREW	2
NS	113663	MAXI-LITE TAIL LIGHT BASE HARNESS	1
NS	113861	BREAK AWAY KIT TAIL LIGHT HARNESS	1
NS	114032	MAXI-LITE ELECTRIC BRAKE TAIL LIGHT HARNESS SCHEMATIC	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

5.6 - Breakaway Kit

BREAKAWAY KIT ASSEMBLY DETAIL



113921_D

Hybrid LT-Series™

SN 52-000001 and UP

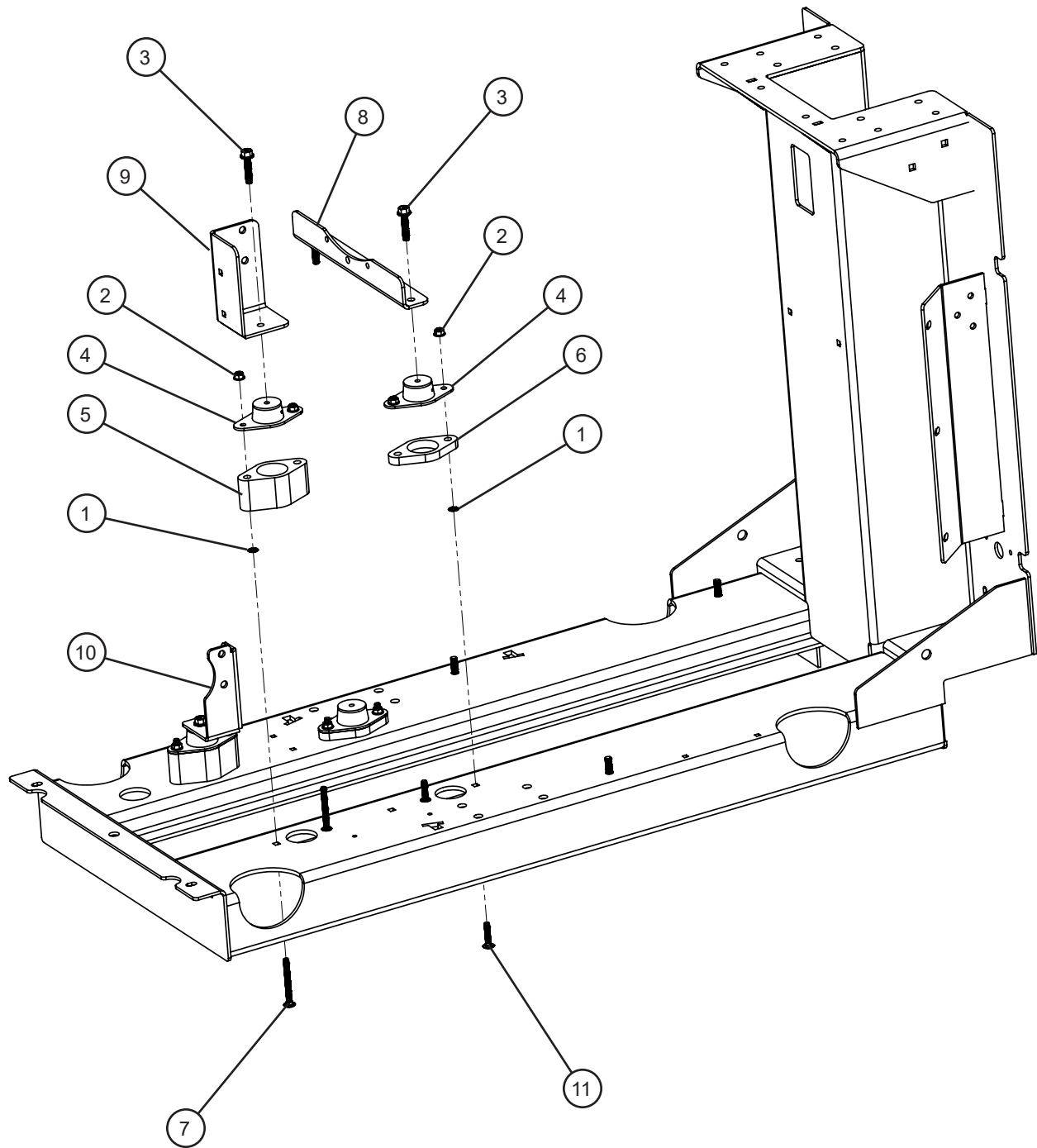
5.6 - Breakaway Kit

Item	Part No.	Part Description	Qty.
1	310212	#10 CUSH CLAMP 1/4 HOLE	4
2	046039	1/4-20 x 4 HEX HEAD BOLT	4
3	113855	MAXI-LITE BREAK AWAY KIT ASSEMBLY	1
4	056002	1/4-20 x 3/4 HEX SERRATED FLANGE SCREW	3
5	057001	1/4-20 HEX NYLOCK FLANGE NUT	7
6	106578	BREAKAWAY KIT	1
7	113065	BREAKAWAY SWITCH AND LANYARD ASSEMBLY	1
8	105847	4-WAY RECEPTACLE WEDGELOCK	1
9	105207	4-WAY RECEPTACLE	1
NS	113663	MAXI-LITE TAIL LIGHT BASE HARNESS	1
NS	113861	BREAK AWAY KIT TAIL LIGHT HARNESS	1
NS	114032	MAXI-LITE ELECTRIC BRAKE TAIL LIGHT HARNESS SCHEMATIC	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.1 - Engine Isolator Mounts



126133_A

Hybrid LT-Series™

SN 52-000001 and UP

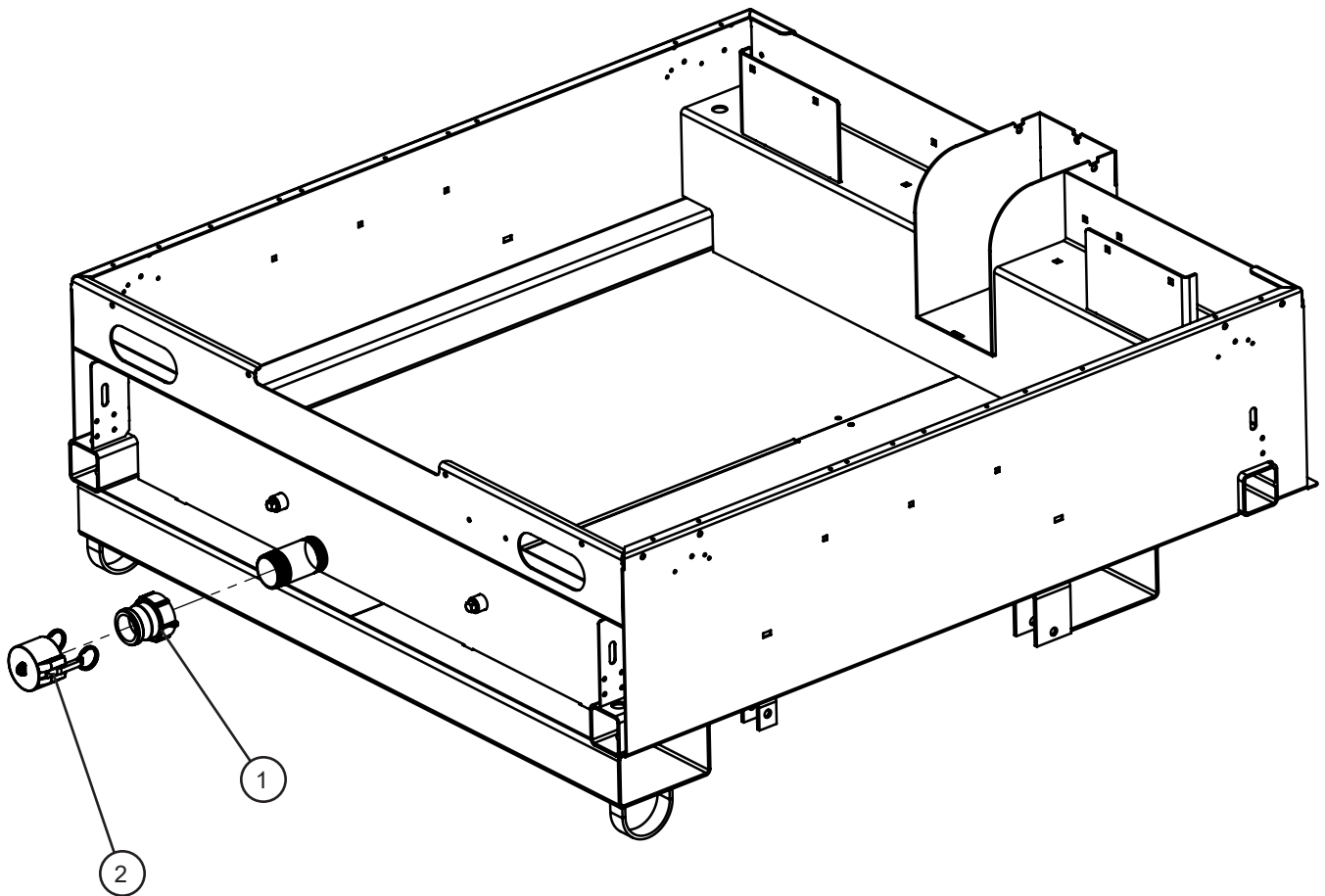
6.1 - Engine Isolator Mounts

Item	Part No.	Part Description	Qty.
1	045217	5/16 PUSH NUT	8
2	057008	5/16-18 HEX NYLOCK FLANGE NUT	8
3	056013	3/8-16 x 1 3/4 SERRATED FLANGE BOLT WITH THREAD LOCK	4
4	125118	ISOLATOR ENGINE MOUNT THREADED 250 LBS	4
5	123984	PLATE SPACER 2 IN ENGINE ISOLATOR	2
6	104696P	PLATE SPACER 1/2" ENGINE ISOLATOR	2
7	053033	5/16-18 X 3 CARRIAGE BOLT	4
8	126130P	GENERATOR MOUNT HYBRID	1
9	126117P	LEFT ENGINE FOOT WELDMENT KUBOTA Z482 HYBRID	1
10	126118P	RIGHT ENGINE FOOT WELDMENT KUBOTA Z482 HYBRID	1
11	053023	5/16-18 X 1 1/2 CARRIAGE BOLT	4

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.2 - Fluid Containment Drain Cap



104770_A

Hybrid LT-Series™

SN 52-000001 and UP

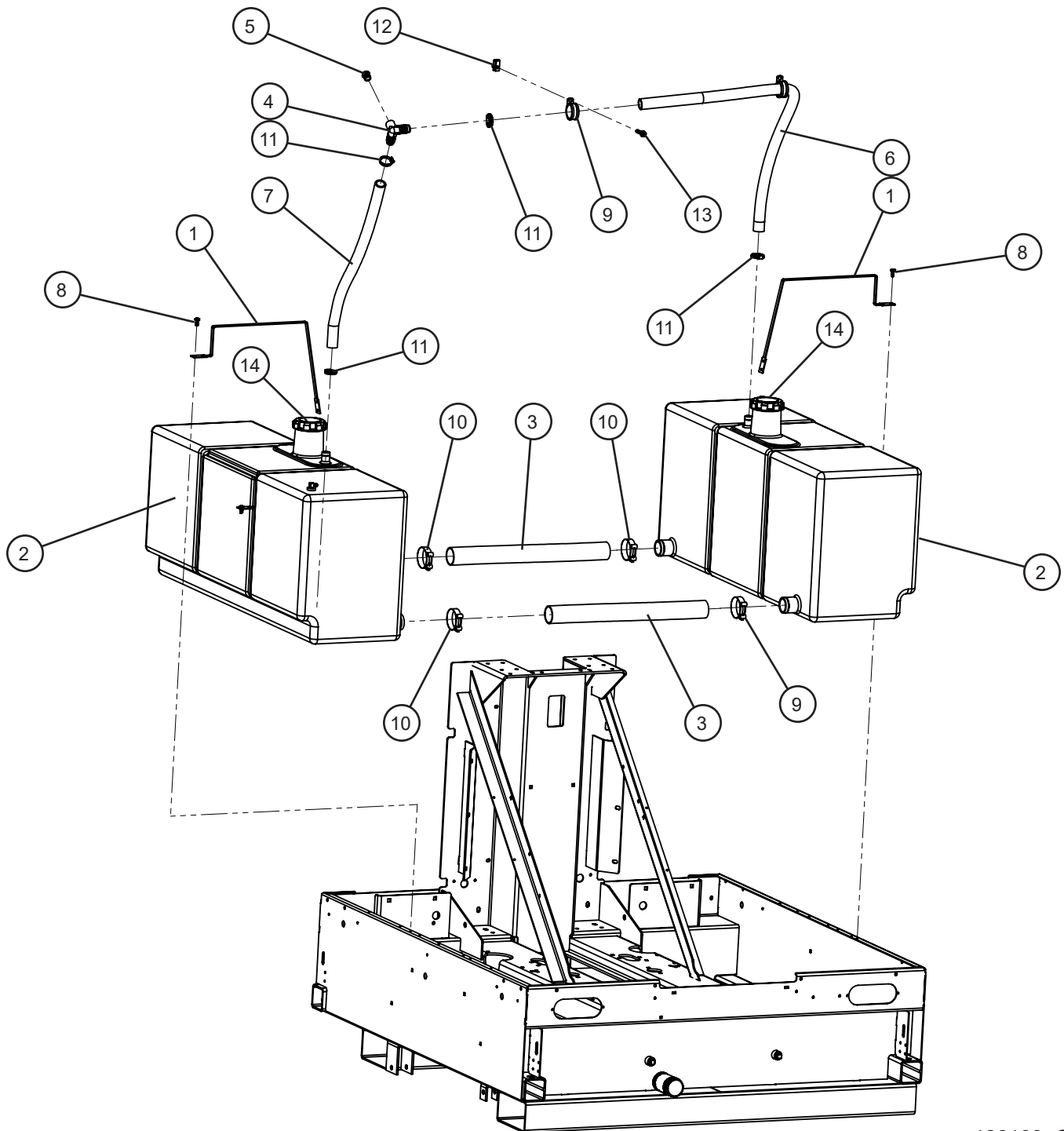
6.2 - Fluid Containment Drain Cap

Item	Part No.	Part Description	Qty.
1	104464	PIPE CONNECTION 2 INCH COUPLING	1
2	104463	CAP 2 INCH COUPLING	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.3 - Fuel Tanks



126180_C

Hybrid LT-Series™

SN 52-000001 and UP

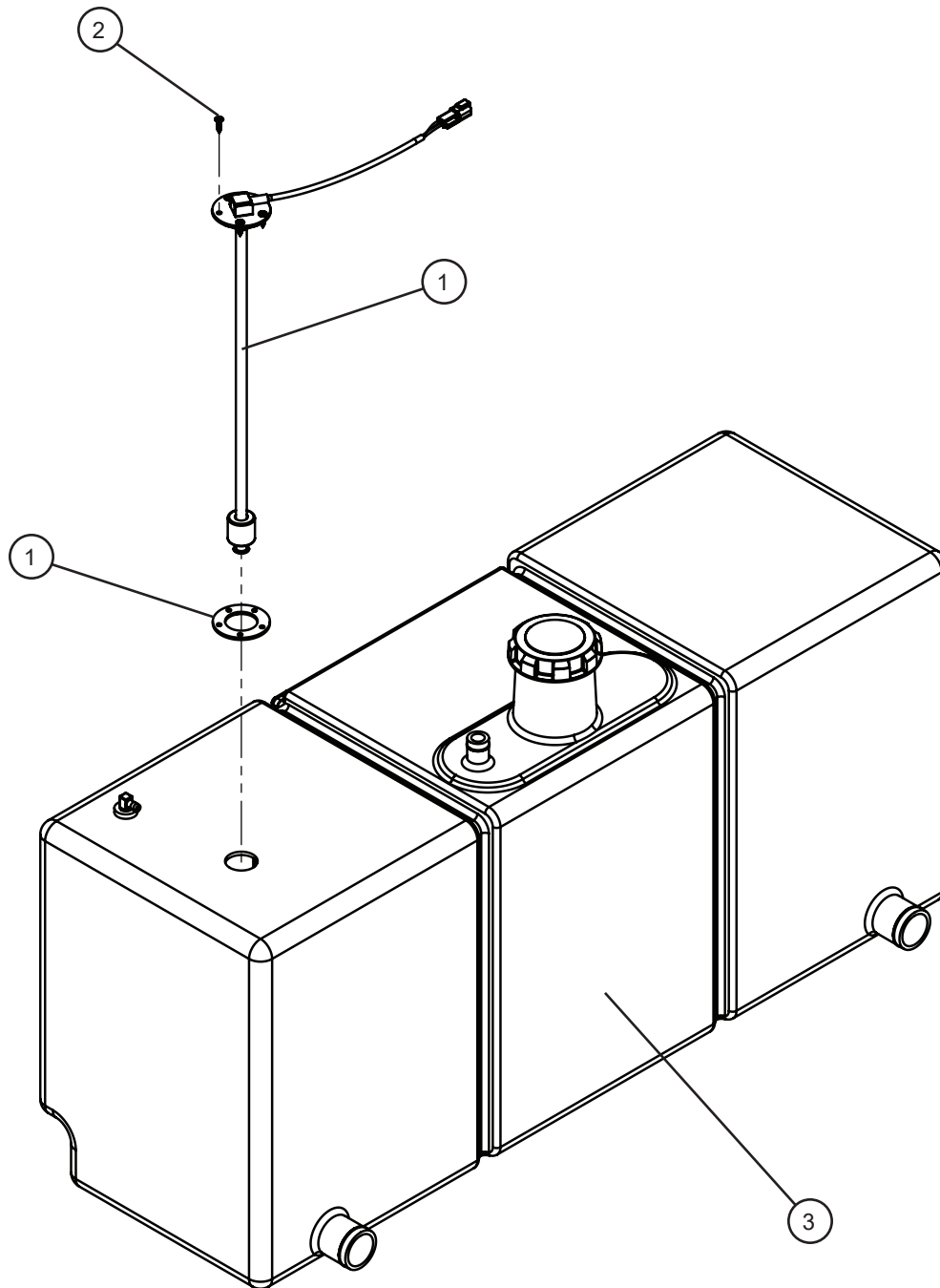
6.3 - Fuel Tanks

Item	Part No.	Part Description	Qty.
1	104698P	STRAP TIEDOWN FUEL TANK	3
2	107062	FUEL TANK 51.5 GALLON FAST FILL	2
3	104383	CROSSOVER HOSE FUEL TANKS	2
4	106131	PVC Y FITTING 1 x 1 x 1/2 NPT	1
5	106132	FITTING BREATHER 1/2 NPT	1
6	125072	1" ID VENT HOSE x 53.00	1
7	125072	1" ID VENT HOSE x 26.00	1
8	041070	1/4-20 x 3/4 SL-HEX WASHER HEAD MACHINE SCREW	3
9	106144	1 1/2 CUSH CLAMP W/ 3/8 HOLE	2
10	125421	FLEX GEAR CLAMP IDEA TRIDON 47036	4
11	045034	#16 HOSE CLAMP	6
12	044106	1/4-20 NUT U EXTRUDED	2
13	056019	1/4-20 X 3/4 HEX FLANGE SCREW	2
14	104532	FUEL CAP NON-VENTED	2
NS	106153	FUEL SUCTION TUBE ASSEMBLY	1
NS	105106	DAPCO 90° ELBOW	1
NS	340025C	DAPCO GROMMET	2

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.4 - Fuel Level Sender



126180_C

Hybrid LT-Series™

SN 52-000001 and UP

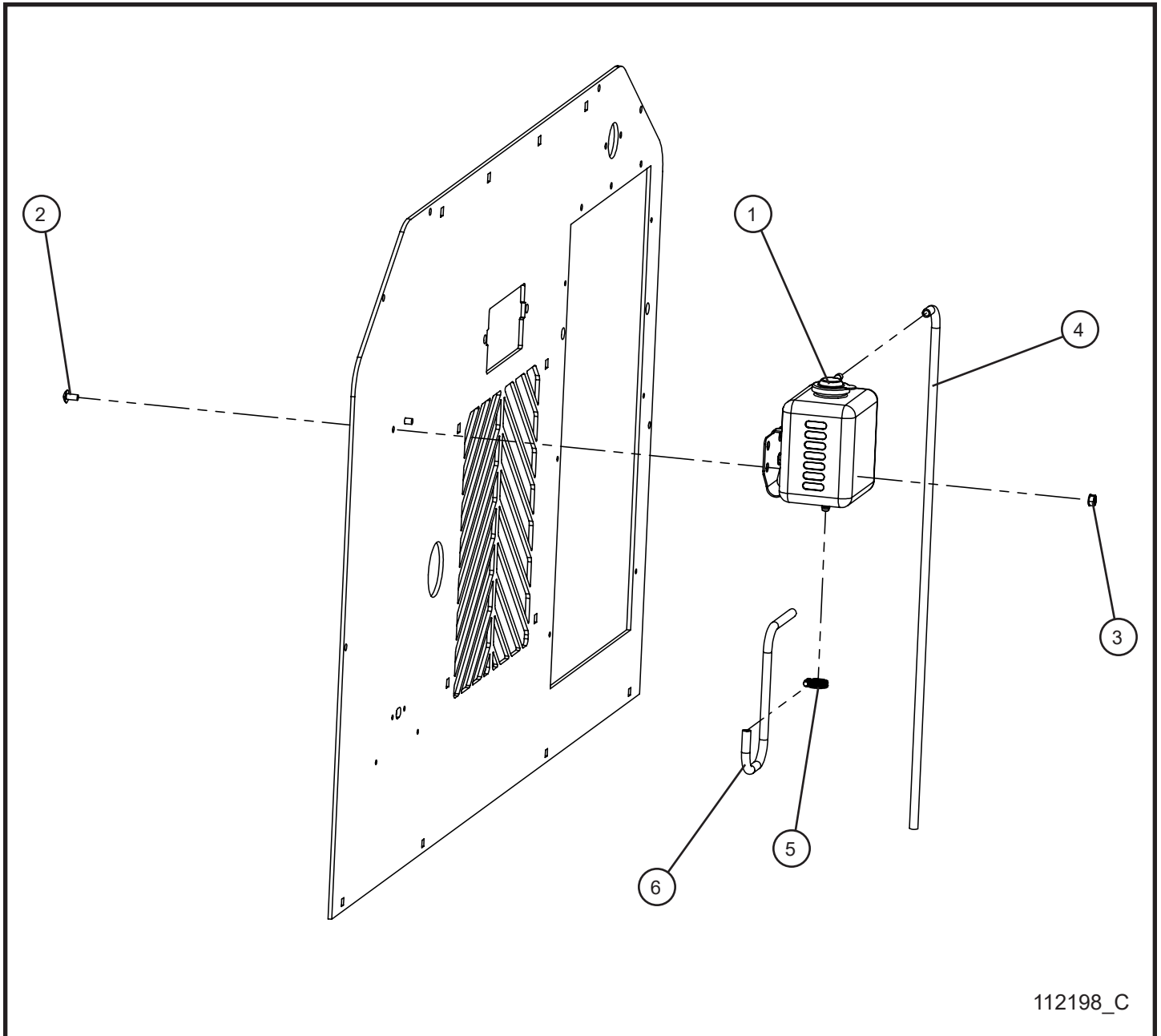
6.4 - Fuel Level Sender

Item	Part No.	Part Description	Qty.
1	110088	VERTICAL SHAFT FUEL LEVEL SENDER	1
2	102556	SCREW #8 x 3/4	5
3	107062	FUEL TANK 51.5 GALLON FAST FILL	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.5 - Radiator Coolant Recovery Tank



Hybrid LT-Series™

SN 52-000001 and UP

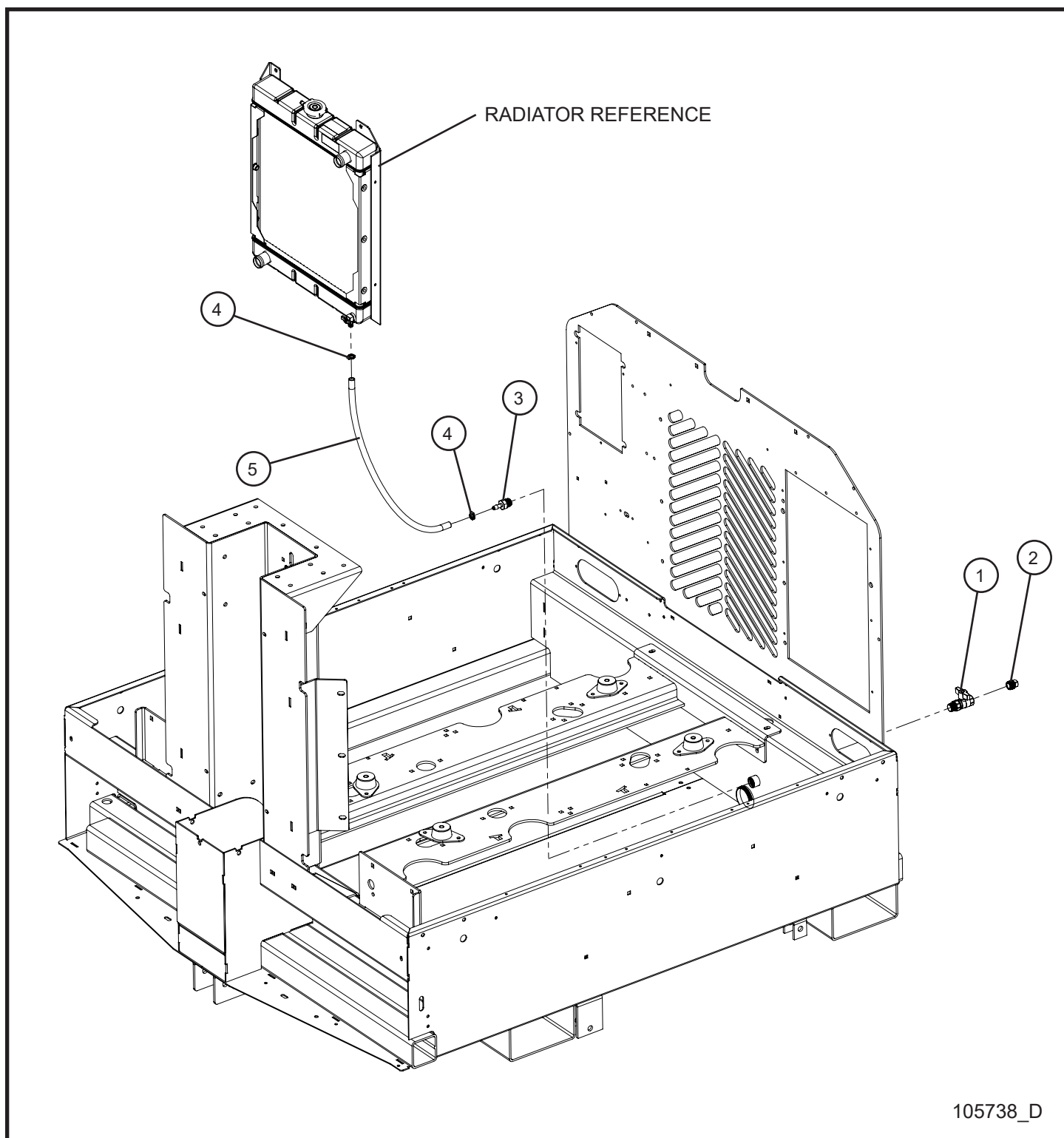
6.5 - Radiator Coolant Recovery Tank

Item	Part No.	Part Description	Qty.
1	650027	RESERVOIR WITH BRACKET	1
2	041078	1/4-20 x 1/2 PH-TRUSS HEAD MS SS	2
3	044021	1/4-20 KEPS HEX NUT PL	2
4	102268	COOLANT HOSE 1/4 x 44.0	1
5	433400	#4 HOSE CLAMP	1
6	102268	COOLANT HOSE 1/4 x 28.0	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.6 - Radiator Coolant Drain Group



105738_D

Hybrid LT-Series™

SN 52-000001 and UP

6.6 - Radiator Coolant Drain Group

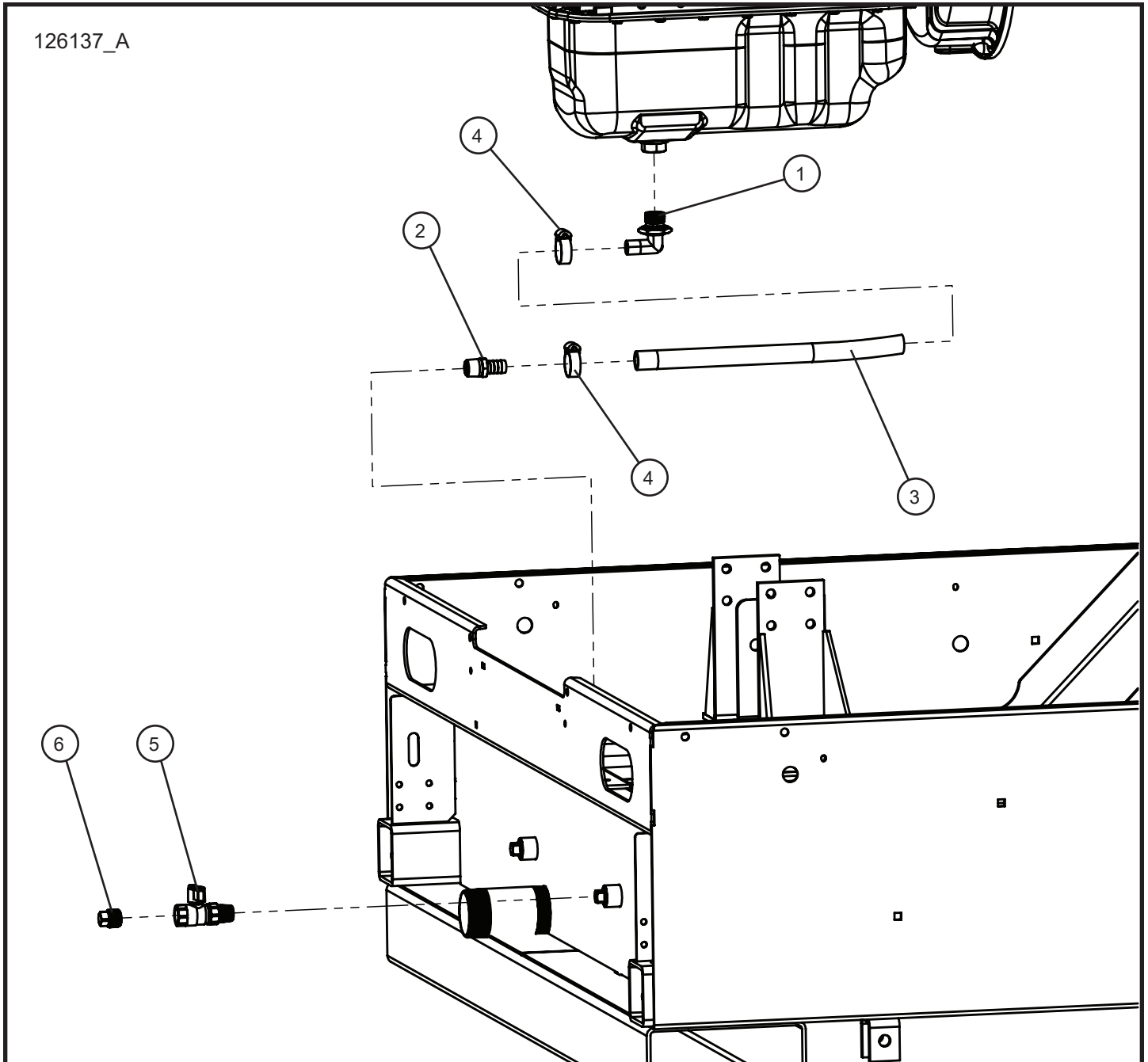
Item	Part No.	Part Description	Qty.
1	125254	BALL VALVE 1/2 NPT MALE X 1/2 NPT FEMALE	1
2	026106	1/2 NPT SQUARE HEAD PLUG	1
3	104381	1/2 NPT - 3/8 HOSE BARB FITTING	1
4	433400	#4 HOSE CLAMP	2
5	101266	3/8 COOLANT HOSE x 21.00 (JB/RCP RADIATOR)	1
NS	105352	DRAIN COCK	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

6.7 - Oil Drain Group

126137_A



Hybrid LT-Series™

SN 52-000001 and UP

6.7 - Oil Drain Group

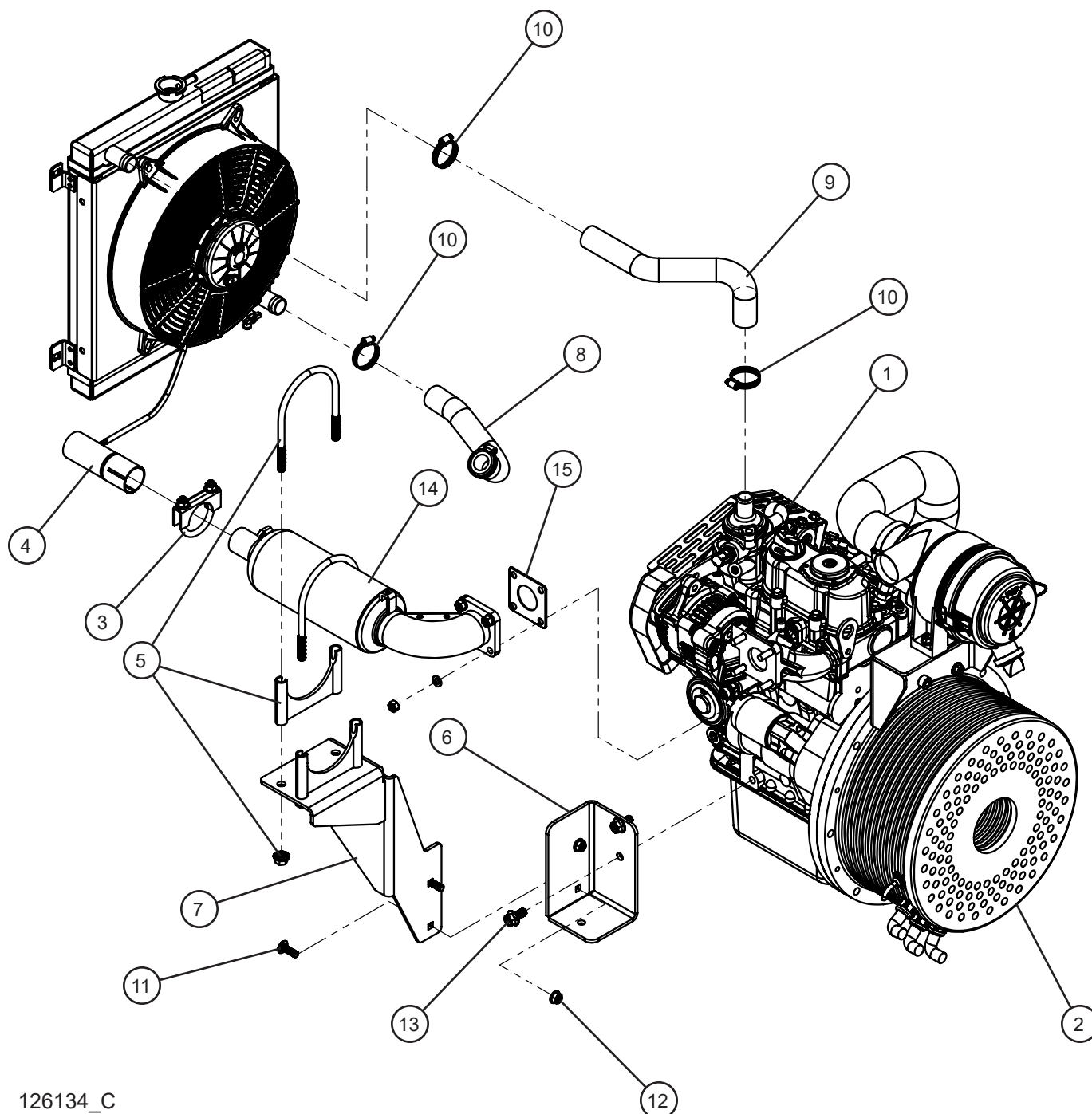
Item	Part No.	Part Description	Qty.
1	122048	FITTING 90° ADAPTER M22 x 1.5 TO 5/8 IN HOSE BARB	1
2	123561	5/8 X 1/2 MNPT HOSE BARB	1
3	081040	5/8 PUSH-LOK X 12.5 INCHES	1
4	045033	#10 HOSE CLAMP	2
5	125254	BALL VALVE 1/2 NPT MALE X 1/2 NPT FEMALE	1
6	026106	PLUG 1/2 NPT SQUARE HEAD	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

7.1 - Kubota Z482 Variable Speed Diesel Engine (1 of 3)

ENGINE INSTALL



126134_C

Hybrid LT-Series™

SN 52-000001 and UP

7.1 - Kubota Z482 Variable Speed Diesel Engine (1 of 3)

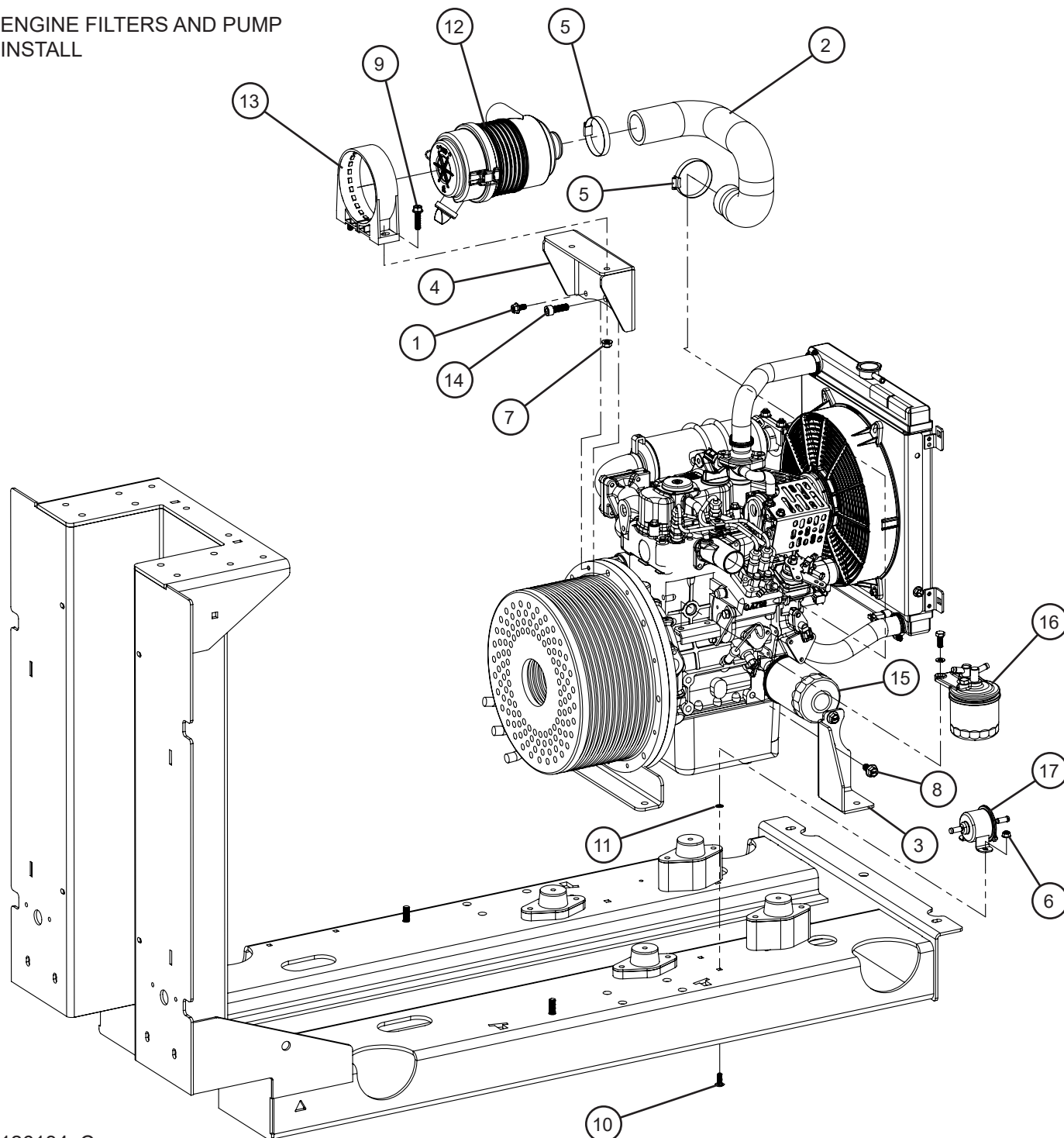
Item	Part No.	Part Description	Qty.
1	125999	KUBOTA Z482 VARIABLE SPEED T4F ENGINE	1
2	122047	PMG AND RECTIFIER	1
3	112211	CLAMP MUFFLER 1-5/8 EXHAUST	1
4	118397	TAILPIPE EXHAUST KUBOTA Z482	1
5	123985	3/8-16 x 4.00 MUFFLER CLAMP	2
6	126117P	LEFT ENGINE FOOT WELDMENT KUBOTA Z482 HYBRID	1
7	126120P	MUFFLER SUPPORT WELDMENT KUBOTA Z482 HYBRID	1
8	125170	HOSE RADIATOR LOWER Z482 HYBRID	1
9	125169	HOSE RADIATOR UPPER Z482 HYBRID	1
10	045034	#16 CLAMP HOSE	4
11	053020	5/16-18 X 1 CARRIAGE BOLT	6
12	057008	5/16-18 HEX NYLOCK FLANGE NUT	8
13	055002	M10 x 1.25 x 20 HEX FLANGE SCREW W/ BLUE THREAD LOCK	4
14	118382	MUFFLER	1
15	118383	MUFFLER GASKET	1
NS	123202	ENGINE HARNESS HYBRID KUBOTA Z482	1
NS	125435	HARNESS RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1
NS	126333	SCHEMATIC RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

7.1 - Kubota Z482 Variable Speed Diesel Engine (2 of 3)

ENGINE FILTERS AND PUMP
INSTALL



126134_C

Hybrid LT-Series™

SN 52-000001 and UP

7.1 - Kubota Z482 Variable Speed Diesel Engine (2 of 3)

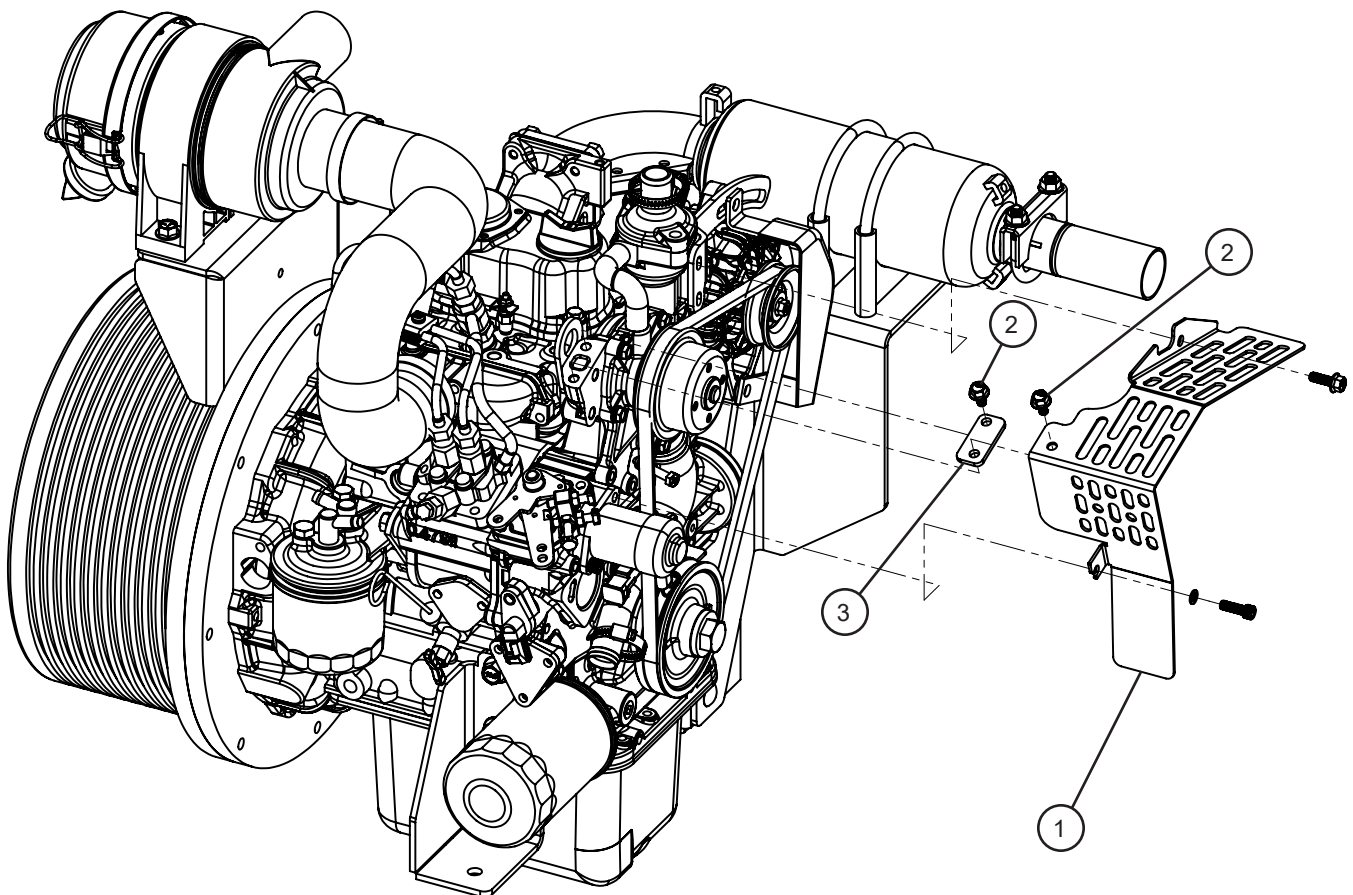
Item	Part No.	Part Description	Qty.
1	055003	M8 x 1.25 x 16 HEX FLANGE SCREW W/ BLUE THREAD LOCK	1
2	118390	HOSE AIR INTAKE KUBOTA Z482	1
3	126118P	RIGHT ENGINE FOOT WELDMENT KUBOTA Z482 HYBRID	1
4	126119P	AIR CLEANER BRACKET WELDMENT KUBOTA Z482 HYBRID	1
5	045038	#32 HOSE CLAMP	2
6	057001	1/4-20 HEX NYLOCK FLANGE NUT	6
7	057008	5/16-18 HEX NYLOCK FLANGE NUT	8
8	055002	M10 x 1.25 x 20 HEX FLANGE SCREW W/ BLUE THREAD LOCK	4
9	056035	5/16-18 x 1 1/4 HEX FLANGE SCREW	2
10	053006	1/4-20 x 3/4 CARRIAGE BOLT	2
11	101701	1/4 PUSH NUT	2
12	125415	AIR CLEANER ASSEMLBY	1
	650290	AIR FILTER	1
13	125416	AIR CLEANER ASSEMLBY BRACKET	1
14	054002	M10 x 1.50 x 30 - 8.8 SOCKET HEAD SCREW W/ BLUE LOCTITE	8
15	* * *	OIL FILTER	1
16	* * *	FUEL FILTER	1
17	* * *	FUEL PUMP	1
NS	123202	ENGINE HARNESS HYBRID KUBOTA Z482	1
NS	125435	HARNESS RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1
NS	126333	SCHEMATIC RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1

NS - NOT SHOWN

* * * - CONTACT ALLMAND FOR MORE INFORMATION

7.1 - Kubota Z482 Variable Speed Diesel Engine (3 of 3)

ENGINE FINGER
GUARD ASSEMBLY



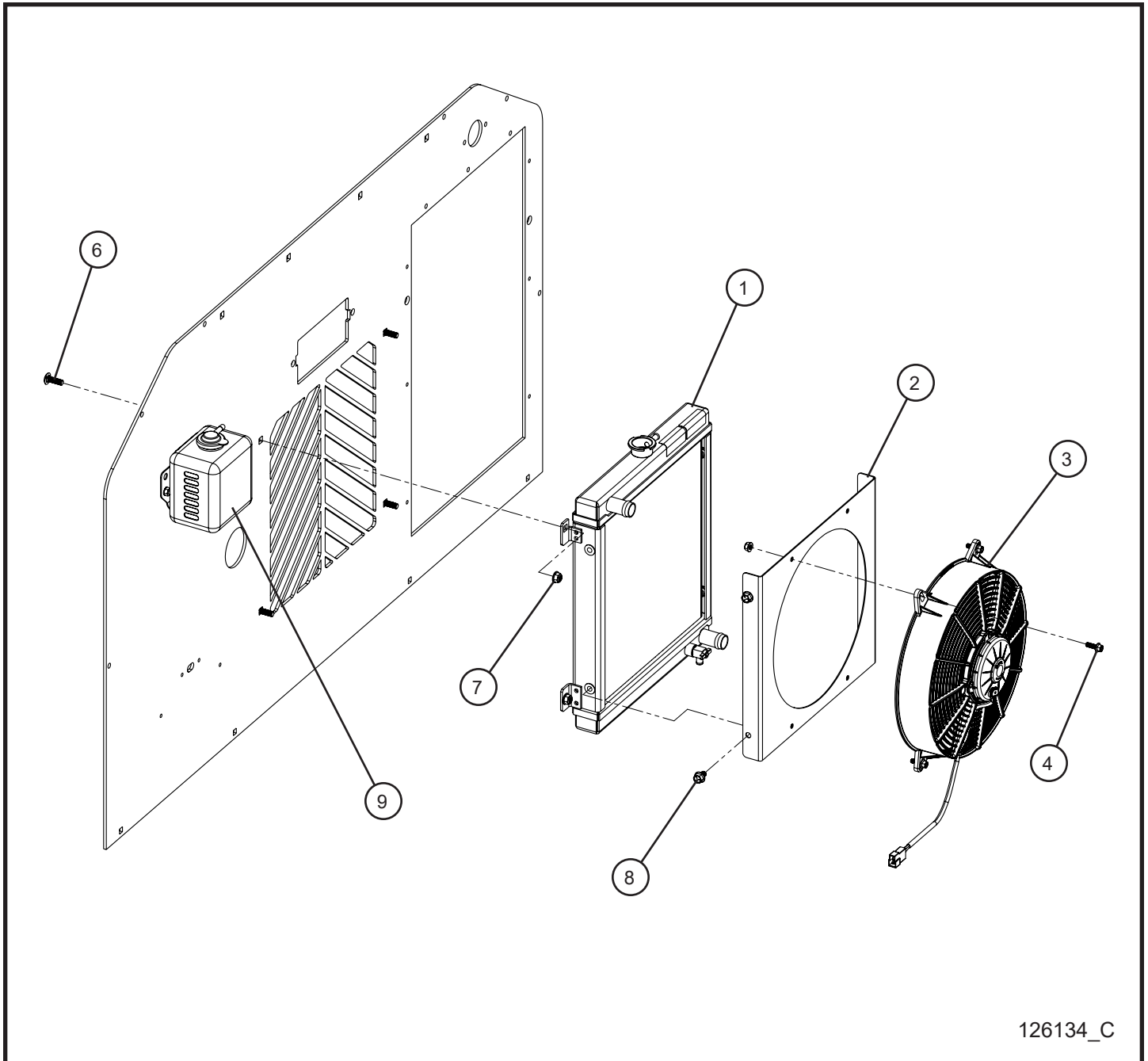
Hybrid LT-Series™

SN 52-000001 and UP

7.1 - Kubota Z482 Variable Speed Diesel Engine (3 of 3)

Item	Part No.	Part Description	Qty.
1	126209P	GUARD BELT KUBOTA Z482 WITH ELECTRIC FAN	1
2	056003	M6 x 1.0 x 12 SERRATED FLANGE HEX BOLT	2
3	126260P	SPACER FINGER GUARD HYBRID LT SERIES	1
NS	123202	ENGINE HARNESS HYBRID KUBOTA Z482	1
NS	125435	HARNESS RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1
NS	126333	SCHEMATIC RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1

7.2 - Kubota Z482 Radiator Install Group



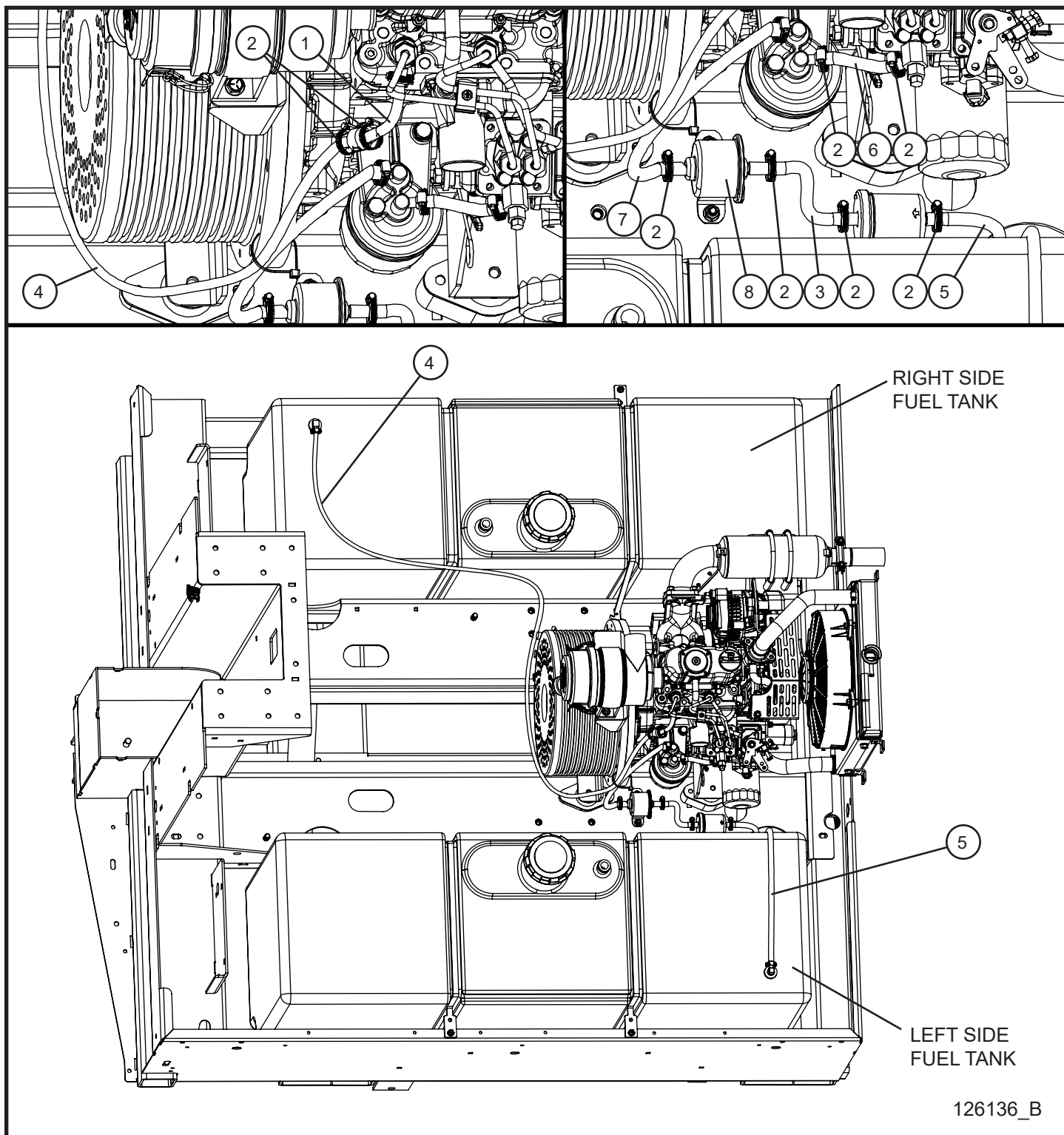
Hybrid LT-Series™

SN 52-000001 and UP

7.2 - Kubota Z482 Radiator Install Group

Item	Part No.	Part Description	Qty.
1	118394	RADIATOR KUBOTA Z482	1
2	120787P	SHROUD FAN KUBOTA Z482 HYBRID	1
3	122035	COOLING FAN 13" ELECTRIC 12V	1
4	056019	1/4-20 X 3/4 HEX FLANGE SCREW	4
5	057001	1/4-20 HEX NYLOCK FLANGE NUT	6
6	053020	5/16-18 X 1 CARRIAGE BOLT	6
7	057008	5/16-18 HEX NYLOCK FLANGE NUT	8
8	056030	5/16-18 X 1/2 HEX FLANGE SCREW	4
9	650027	RESERVOIR WITH BRACKET	1
NS	125170	HOSE RADIATOR LOWER Z482 HYBRID	1
NS	125169	HOSE RADIATOR UPPER Z482 HYBRID	1
NS	125435	HARNESS RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1
NS	126333	SCHEMATIC RELAY 12V ELETRIC FAN HYBRID LT-SERIES	1

7.3 - Kubota Z482 Engine Fuel Lines



126136_B

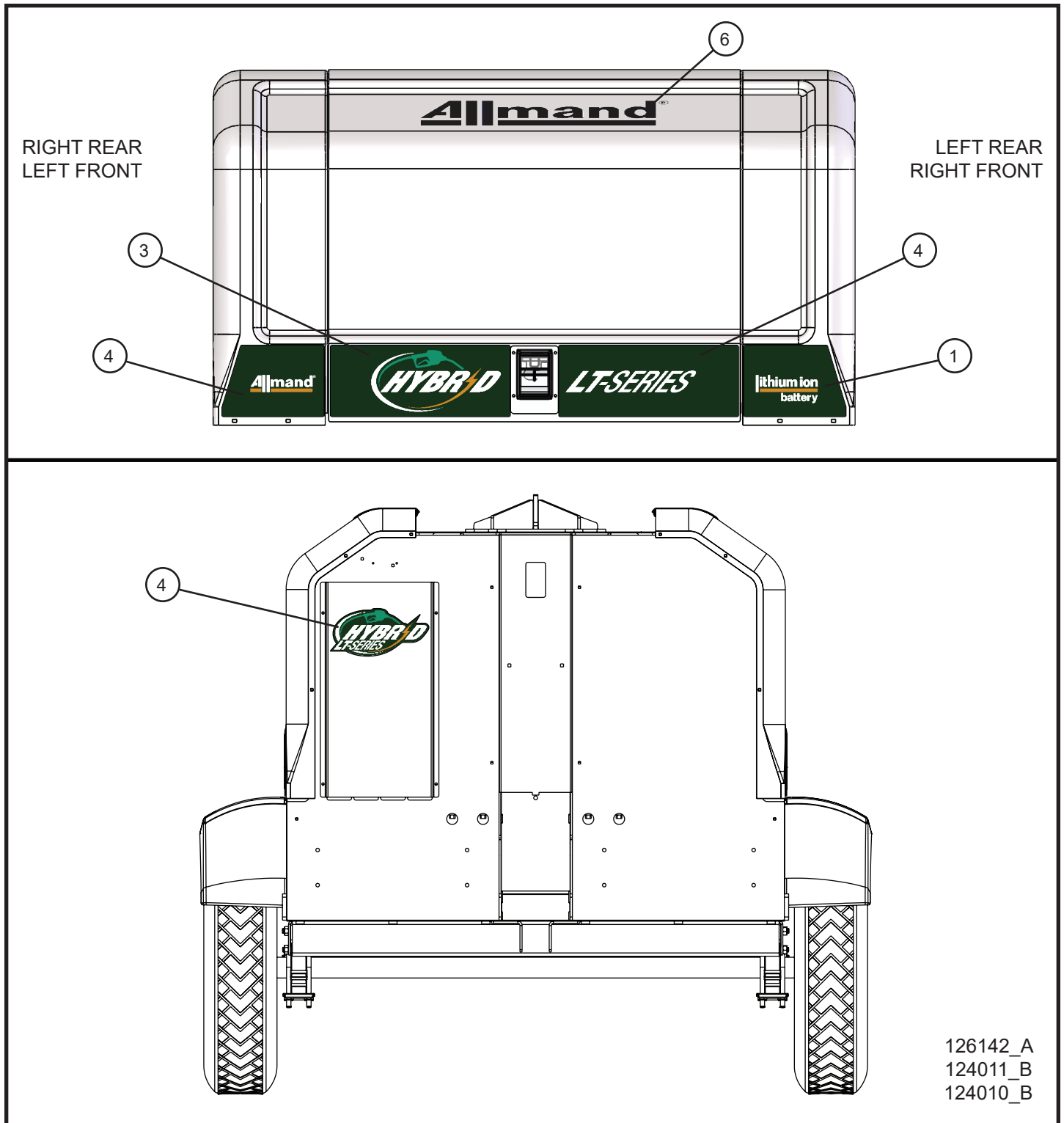
Hybrid LT-Series™

SN 52-000001 and UP

7.3 - Kubota Z482 Engine Fuel Lines

Item	Part No.	Part Description	Qty.
1	081016	HOSE 1/4 FUEL LINE X 5.00	1
2	433400	#4 HOSE CLAMP	12
3	081018	HOSE 5/16 FUEL LINE X 5.00	1
4	081016	HOSE 1/4 FUEL LINE X 63.00	1
5	081018	HOSE 5/16 FUEL LINE X 26.00	1
6	081018	HOSE 5/16 FUEL LINE X 3.63	1
7	081018	HOSE 5/16 FUEL LINE X 17.00	1
8	* * *	FUEL PUMP	1
NS	105106	DAPCO 90° ELBOW	1

8.1 - Branding Decals



Hybrid LT-Series™

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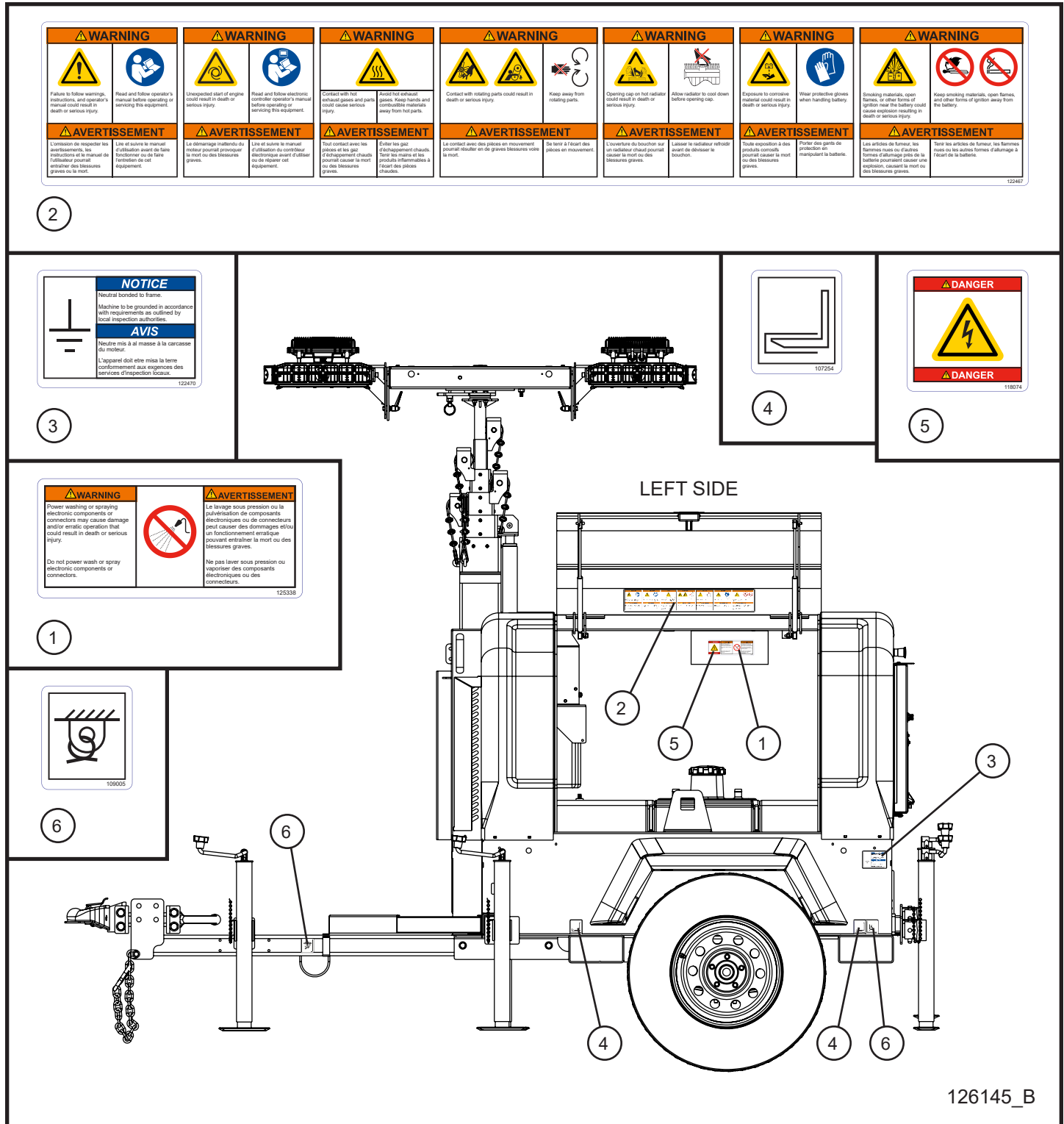
8.1 - Door Branding Decals

Item	Part No.	Part Description	Qty.
1	123975	DECAL RIGHT QUARTER PANEL STRIP HYBRID	2
2	123974	DECAL LEFT QUARTER PANEL STRIPE HYBRID	2
3	123976	DECAL LEFT HAND DOOR STRIPE HYBRID	2
4	123977	DECAL RIGHT HAND DOOR STRIPE HYBRID	2
5	123978	DECAL HYBRID LOGO SMALL	
6	118119	DECAL BRANDING ALLMAND-R BLACK 23.3 INCH	2
	118425	DECAL BRANDING ALLMAND-R GOLD-WHITE 23.3 INCH	2

NS - Not Shown

* * * - Contact Allmand for more information.

8.2 - Left Side Safety Decals



Hybrid LT-Series™

SN 52-000001 and UP

8.2 - Left Side Safety Decals

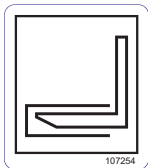
Item	Part No.	Part Description	Qty.
1	125338	DECAL BILINGUAL WARNING DO NOT POWER WASH	1
2	122467	DECAL MULTIPLE WARNINGS DOOR	1
3	122470	DECAL NOTICE NEUTRAL BONDED & GROUNDED	1
4	107254	FORKLIFT POSITION DECAL	2
5	118074	DECAL BILINGUAL DANGER HAZARDOUS VOLTAGE VERTICAL	1
6	109005	TIE DOWN POSITION DECAL	2

8.3 - Right Side Safety Decals

WARNING Failure to follow warnings, instructions, and operator's manual could result in death or serious injury. AVERTISSEMENT L'omission de respecter les avertissements, les instructions et le manuel de l'utilisateur pourrait entraîner des blessures graves ou la mort.	WARNING Read and follow operator's manual before operating or servicing this equipment. AVERTISSEMENT Lire et suivre le manuel d'utilisation avant de faire fonctionner ou de faire l'entretien de cet équipement.	WARNING Unexpected start of engine could result in death or serious injury. AVERTISSEMENT Le démarrage inattendu du moteur pourrait provoquer la mort ou des blessures graves.	WARNING Read and follow electronic controller operator's manual before operating or servicing this equipment. AVERTISSEMENT Lire et suivre le manuel d'utilisation du contrôleur électronique avant d'utiliser ou de réparer cet équipement.	WARNING Contact with hot exhaust gases and parts could cause serious injury. AVERTISSEMENT Tout contact avec les pièces et les gaz d'échappement chauds pourrait causer la mort ou des blessures graves.	WARNING Avoid hot exhaust gases. Keep hands and combustible materials away from hot parts. AVERTISSEMENT Éviter les gaz d'échappement chauds. Tenir les mains et les produits inflammables à l'écart des pièces chaudes.	WARNING Contact with rotating parts could result in death or serious injury. AVERTISSEMENT Le contact avec des pièces en mouvement pourrait résulter en de graves blessures voire la mort.	WARNING Keep away from rotating parts. AVERTISSEMENT Se tenir à l'écart des pièces en mouvement.	WARNING Opening cap on hot radiator could result in death or serious injury. AVERTISSEMENT L'ouverture du bouchon sur un radiateur chaud pourrait causer la mort ou des blessures graves.	WARNING Allow radiator to cool down before opening cap. AVERTISSEMENT Laisser le radiateur refroidir avant de dévisser le bouchon.	WARNING Exposure to corrosive material could result in death or serious injury. AVERTISSEMENT Toute exposition à des produits corrosifs pourrait causer la mort ou des blessures graves.	WARNING Wear protective gloves when handling battery. AVERTISSEMENT Porter des gants de protection en manipulant la batterie.	WARNING Smoking materials, open flames, or other forms of ignition near the battery could cause explosion resulting in death or serious injury. AVERTISSEMENT Les articles de fumeur, les flammes nues ou d'autres formes d'allumage près de la batterie pourraient causer une explosion, causant la mort ou des blessures graves.	WARNING Keep smoking materials, open flames, and other forms of ignition away from the battery. AVERTISSEMENT Tenir les articles de fumeur, les flammes nues ou les autres formes d'allumage à l'écart de la batterie.
--	---	---	---	---	---	---	---	--	---	---	--	---	---

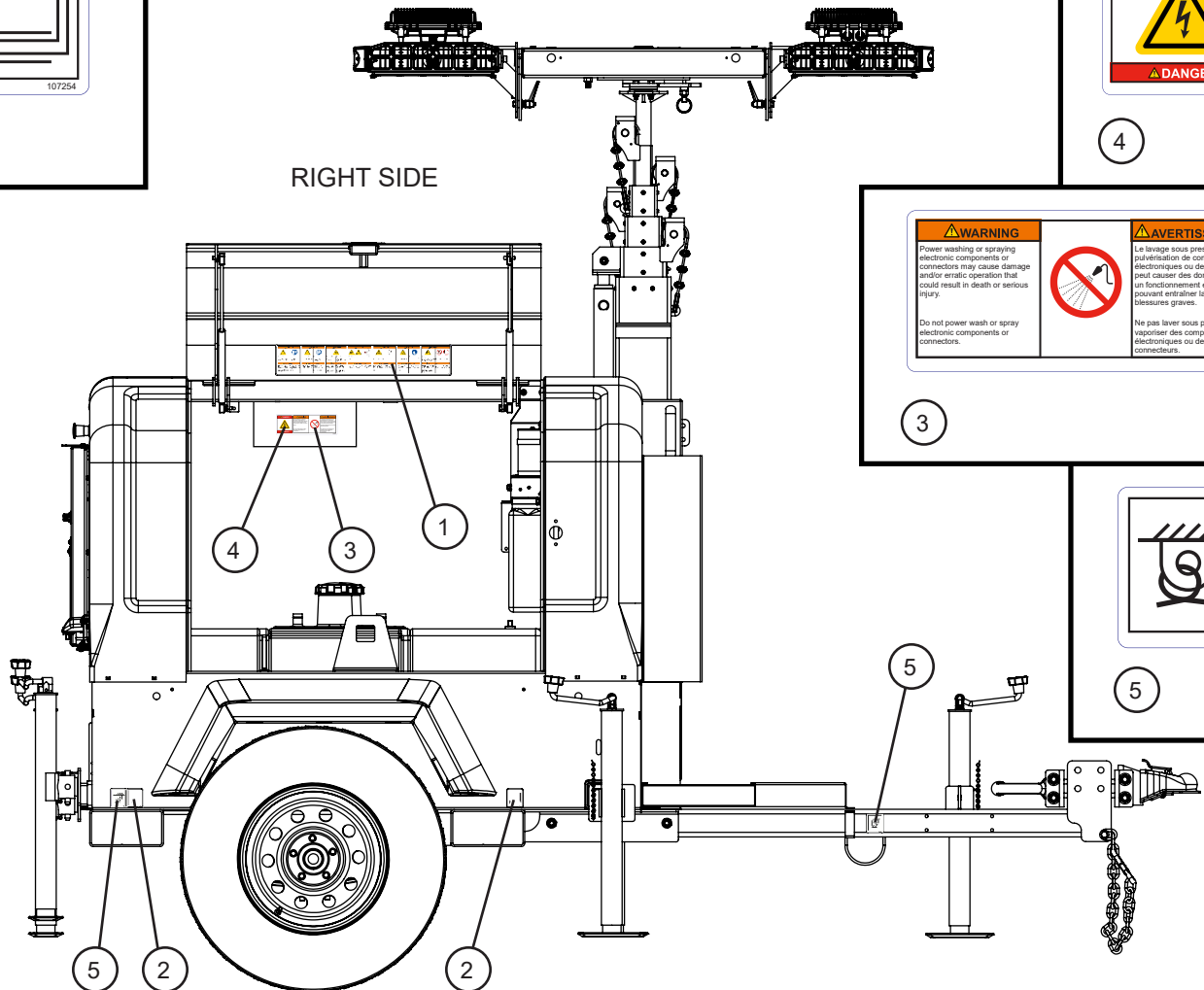
122467

1

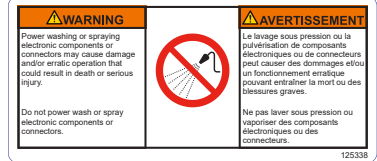


2

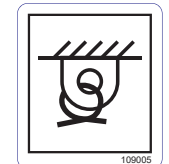
RIGHT SIDE



4



3



5

126145_B

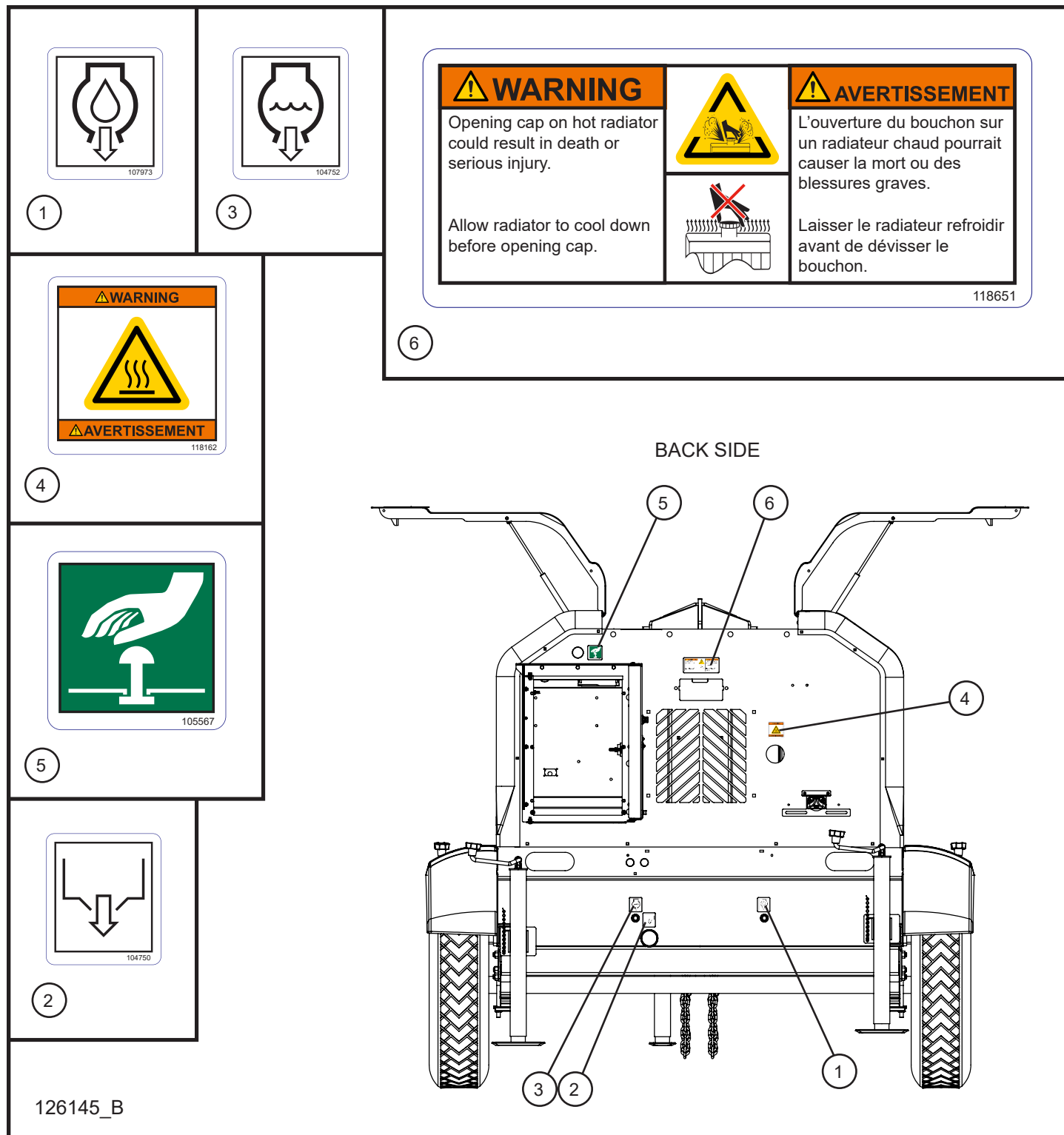
Hybrid LT-Series™

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8.3 - Right Side Safety Decals

Item	Part No.	Part Description	Qty.
1	122467	DECAL MULTIPLE WARNINGS DOOR	1
2	107254	FORKLIFT POSITION DECAL	2
3	125338	DECAL BILINGUAL WARNING DO NOT POWER WASH	1
4	118074	DECAL BILINGUAL DANGER HAZARDOUS VOLTAGE VERTICAL	1
5	109005	TIE DOWN POSITION DECAL	2

8.4 - Rear Side Safety Decals



126145_B

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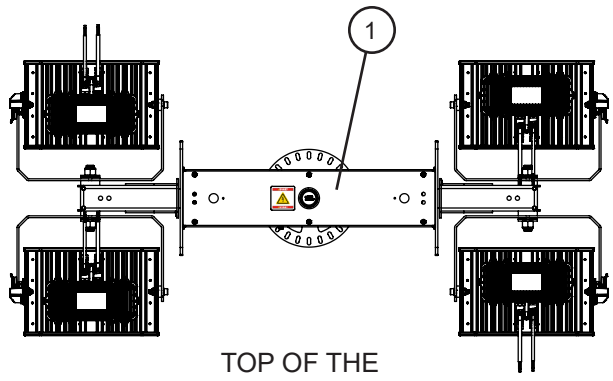
8.4 - Rear Side Safety Decals

Item	Part No.	Part Description	Qty.
1	107973	OIL DRAIN DECAL	1
2	107971	DRAIN FLUID CONTAINMENT DECAL	1
3	104752	DRAIN ENGINE COOLANT DECAL	1
4	118162	DECAL WARNING HOT SURFACE ENGLISH & FRENCH	2
5	105567	EMERGENCY STOP DECAL	1
6	118651	DECAL RADIATOR WARNING BI-LINGUAL	1

8.5 - Top and Front Side Safety Decals

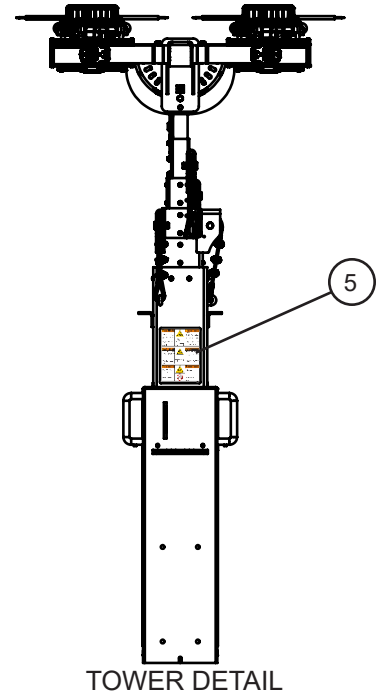
⚠ WARNING Standing under light tower mast and fixtures during lowering operation could result in death or serious injury. Keep bystanders away from light tower during lowering and raising operations.		⚠ AVERTISSEMENT Le fait de se tenir debout sous une tour d'éclairage et de ses accessoires alors qu'elle est abaissée pourrait causer la mort ou des blessures graves. Tenir les spectateurs à l'écart de la tour d'éclairage pendant qu'on la soulève ou l'abaisse.
⚠ WARNING Handling light fixtures when they are hot could result in death or serious injury. Keep clear of light fixtures when illuminated or hot.		⚠ AVERTISSEMENT La manipulation des luminaires alors qu'ils sont chauds pourrait causer la mort ou des blessures graves. Rester à l'écart des luminaires lorsqu'ils sont allumés ou chauds.
⚠ WARNING Looking at illuminated light fixtures could result in serious injury. Do not look directly at illuminated light fixtures.		⚠ AVERTISSEMENT Regarder des luminaires allumés pourrait provoquer de graves blessures. Ne jamais regarder directement des luminaires allumés.

122478



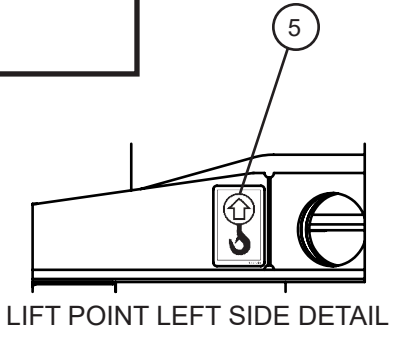
1

TOP OF THE LIGHT BAR



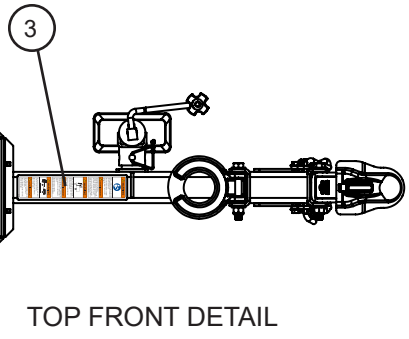
5

TOWER DETAIL



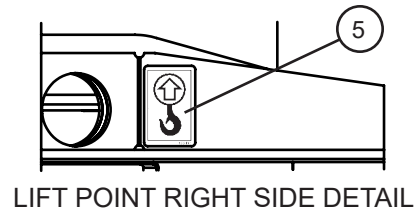
5

LIFT POINT LEFT SIDE DETAIL



3

TOP FRONT DETAIL



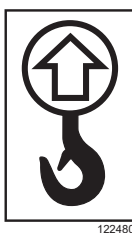
5

LIFT POINT RIGHT SIDE DETAIL

⚠ WARNING  Failure to follow warnings, instructions, and operator's manual could result in death or serious injury. Read and follow operator's manual before operating or servicing this equipment.
⚠ AVERTISSEMENT L'omission de respecter les avertissements, les instructions et le manuel de l'utilisateur pourrait entraîner des blessures graves ou la mort. Lire et suivre le manuel d'utilisation avant de faire fonctionner ou de faire l'entretien de cet équipement.
⚠ WARNING  Failure to lower tower into a secured position before towing could result in death or serious injury. Lower tower to a secured position before towing.
⚠ AVERTISSEMENT Ne pas abaisser la tour d'éclairage en position sécurisée au préalable peut provoquer la mort ou des blessures graves. Abaisser la tour en position sécurisée avant le remorquage.
⚠ WARNING  Excessive towing speed could result in death or serious injury. Do not exceed 60mph (100km/h) when towing trailer.
⚠ AVERTISSEMENT Une vitesse de remorquage excessive pourrait entraîner la mort ou de graves blessures. Ne pas dépasser 105 km/h (65 mi/h) lors du remorquage.

122483

3



122480

4



118074

1



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8.5 - Top and Front Side Safety Decals

Item	Part No.	Part Description	Qty.
1	118074	DECAL BILINGUAL DANGER HAZARDOUS VOLTAGE VERTICAL	1
2	122478	VERTICAL TOWER DECAL PRO II/ MAXI II	1
3	122463	LIGHT TOWER UNIVERSAL WARNING TONGUE DECAL	1
4	122480	DECAL LIFT HOOK	2

8.6 - Control Box and Door Safety Decals

WARNING

Engine exhaust contains carbon monoxide, a poisonous gas that could cause death or serious injury. Do not use the product indoors or near buildings. Keep Hybrid Mode before transport and storage.

OPERATION CHECKLIST

- Check engine oil and coolant levels. Refill as needed.
- Check fuel tank level. Refill as needed.
- Check batteries and electrical for damage or wear.
- Make sure unit is not set on an incline of more than 2.2°.
- Make sure unit is not set on an incline of more than 2.2°.
- Check all components in rated operating position prior to raising and operating the light tower.
- Position and adjust light fixtures prior to raising and operating the light tower.
- Adjust engine speed for operation during light tower raising and lowering operations.
- Do not operate light tower with speeds exceeding 55 mph (85 km/h).

AUTO MODE OPERATION

Refer to light tower operator's manual for instruction.

HYBRID LT-SERIES™

LIGHT TOWER OPERATION

START UP OPERATION

- Press OFF on the **Power switch** to raise the light tower.
- Press ON on the **Electronic controller system power switch**.
- Press the **MODE SELECT** button to select Hybrid, Engine, or Battery Mode.

HYBRID MODE

The MODE SELECT button light will be indicated by the color blue () and Hybrid Mode. () shown on the control screen.

Hybrid mode operation places the light tower self-energizing system and the engine and drive on battery. The engine charges the battery as needed in this mode.

ENGINE MODE

The MODE SELECT button light will be indicated by the color green () and Engine Mode. () shown on the control screen.

Engine mode operation places the light tower self-energizing system on the engine. The engine will run as long as the light tower is in use.

BATTERY MODE

The MODE SELECT button light will be indicated by the color red () and Battery Mode. () shown on the control screen.

Battery mode operation places the light tower self-energizing system on the battery. The battery will run as long as the light tower is in use.

SHUTDOWN OPERATION

- Press the **MODE CHOOSE** button () to stop motor operation.
- Press OFF on the **Electronic controller system power switch**.

RECHARGE MODE OPERATION

START UP OPERATION

- Press ON on the **Electronic controller system power switch**.
- Press the **MODE SELECT** button to select Recharge Mode.

RECHARGE MODE

The MODE SELECT button light will be indicated by the color white () and Recharge Mode. () shown on the control screen.

Recharge mode operation places the engine in charge mode to recharge the battery. The light tower will not operate in this mode. Recharge mode for the battery can be set in the unit's menu.

SHUTDOWN OPERATION

- Press the **MODE CHOOSE** button () to stop motor operation.
- Press OFF on the **Electronic controller system power switch**.

WARNING Failure to follow warnings, instructions, and operation manual could result in death or serious injury. Read and follow operator's manual before operating or servicing this equipment.	AVERTISSEMENT L'absence de respecter les avertissements, les instructions et le manuel de l'utilisateur pourrait entraîner des blessures graves ou la mort. Lisez et suivez le manuel d'instructions avant de faire fonctionner ou de servir l'équipement.	DANGER Contacting power lines while raising light tower will result in death or serious injury. Keep light tower far away from power lines.	DANGER Le contact avec une ligne électrique lorsque le tour d'éclairage est levé entraînera des blessures graves ou la mort. Tenez le tour d'éclairage éloigné des lignes électriques.	WARNING Standing under light tower mast while lowering operation could result in death or serious injury. Keep bystanders away from light tower during lowering and raising operations.	AVERTISSEMENT Le fait de se tenir debout sous un tour d'éclairage en descente pourrait entraîner des blessures graves ou la mort. Tenez les spectateurs à l'écart de la tour d'éclairage pendant qu'il se soulève ou l'abaisse.	AVERTISSEMENT Operation of this equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. The operator should contact local fire agencies for laws or regulations regarding fire prevention equipment.
WARNING Raising light tower prior to positioning and lowering could cause mechanical failure resulting in death or serious injury. Position outriggers and lower jacks in stable surface before raising light tower.	AVERTISSEMENT Le fait de soulever le tour d'éclairage avant de positionner et d'abaisser les pattes avant de le faire fonctionner pourrait entraîner des blessures graves ou la mort. Placez les vérins et baissez les jacks sur une surface stable avant de lever le tour d'éclairage.	WARNING Engine exhaust contains carbon monoxide, a poisonous gas that could cause death or serious injury. Run equipment far from buildings, stores and vents. Do not let equipment indoors or in partially enclosed spaces.	AVERTISSEMENT Le moteur contient du monoxyde de carbone, un gaz toxique pouvant entraîner la mort ou des blessures graves. Faites tourner à l'extérieur, loin des habitations, des magasins, des aérations, etc. Ne laissez pas fonctionner l'équipement à l'intérieur ou dans un espace partiellement fermé.	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, and not enclosed areas, vent the exhaust to the outside. Do not modify or tamper with the exhaust system. Do not use the engine except as necessary.	AVERTISSEMENT L'inhalation du gaz d'échappement du moteur vous expose aux produits chimiques connus selon l'état de Californie pour causer le cancer et des défauts de naissance ou d'autres effets nuisibles à la reproduction. Commencez toujours et faites fonctionner le moteur dans un endroit bien ventilé. Évitez les endroits clos ou non ventilés, ventez le gaz d'échappement à l'extérieur. N'essayez pas de modifier ou d'altérer le système d'échappement. N'utilisez pas le moteur à moins qu'il ne soit nécessaire.	AVERTISSEMENT Le fonctionnement de cet équipement peut provoquer des étincelles qui peuvent enflammer des matières végétales sèches. Un extincteur peut être requis. L'opérateur doit contacter avec le service d'incendie local pour connaître les lois ou les règlements relatifs à la prévention des incendies.

WARNING

Power washing or spraying electronic components or connectors may cause damage and/or erratic operation that could result in death or serious injury.

Do not power wash or spray electronic components or connectors.

AVERTISSEMENT

Le lavage sous pression ou la pulvérisation de composants électroniques ou de connecteurs peut causer des dommages sévères ou un fonctionnement erratique pouvant entraîner la mort ou des blessures graves.

Ne pas laver sous pression ou vaporiser des composants électroniques ou des connecteurs.

DANGER

DANGER

CONTROL BOX
REAR SIDE

CONTROL BOX
DOOR INTERIOR

CONTROL BOX
DOOR EXTERIOR

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Hybrid LT-Series™

SN 52-000001 and UP

8.6 - Control Box and Door Safety Decals

Item	Part No.	Part Description	Qty.
1	122469	DECAL WARNINGS MAXI-LITE & NLV CONTROL BOX	1
2	125335	DECAL HYBRID LT-SERIES OPERATOR	1
3	125338	DECAL BILINGUAL WARNING DO NOT POWER WASH	1
4	118074	DECAL BILINGUAL DANGER HAZARDOUS VOLTAGE VERTICAL	2

Hybrid LT-Series™



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