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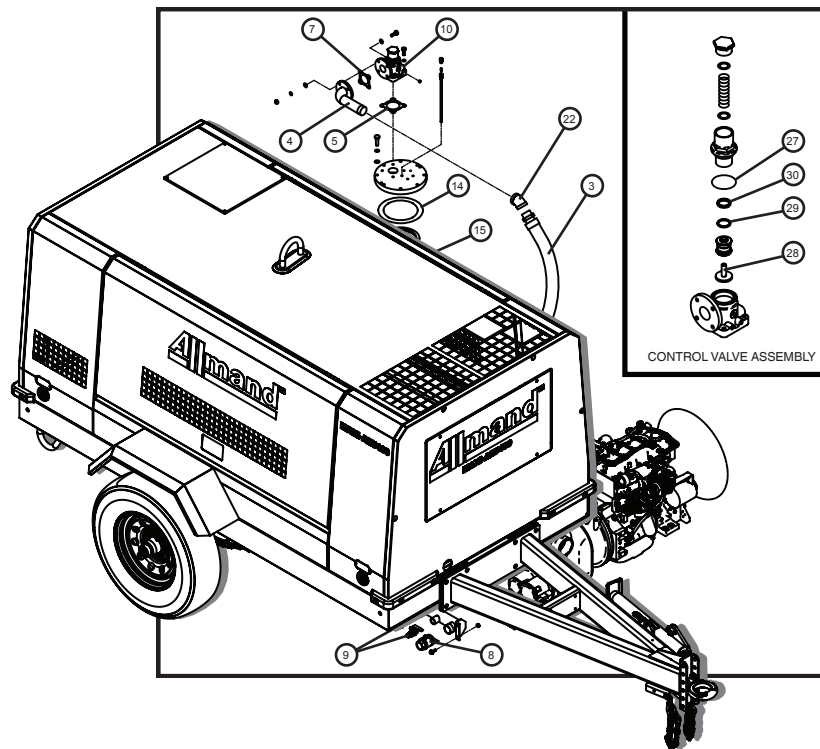
Portable
Industrial
Heaters

Portable
Light Towers

Portable
Light Stands

Solar Flashing
Arrow Boards

(en) Parts Manual
MAXI-AIR® 400



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Part No.: 110306
Revision: A
Serial No.: 20-000001 and UP

LIGHT TOWER APP



Reliability, Performance, and Integrity Since 1938

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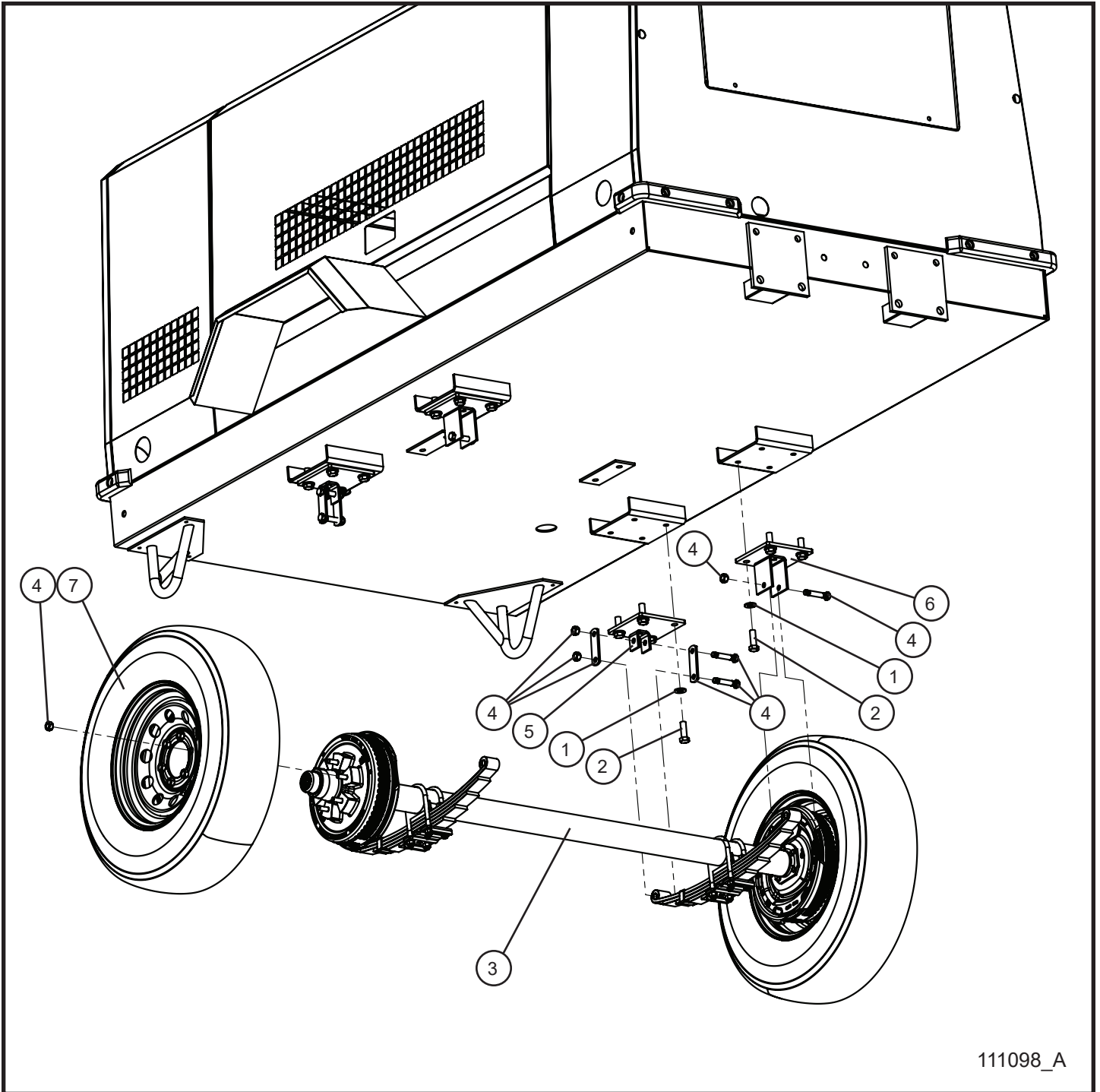
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Maxi-Air 400

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1.1 - Axle and Wheel Group

SN 20-000001 to 20-000023



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Maxi-Air 400

1.1 - Axle and Wheel Group

SN 20-000001 to 20-000023

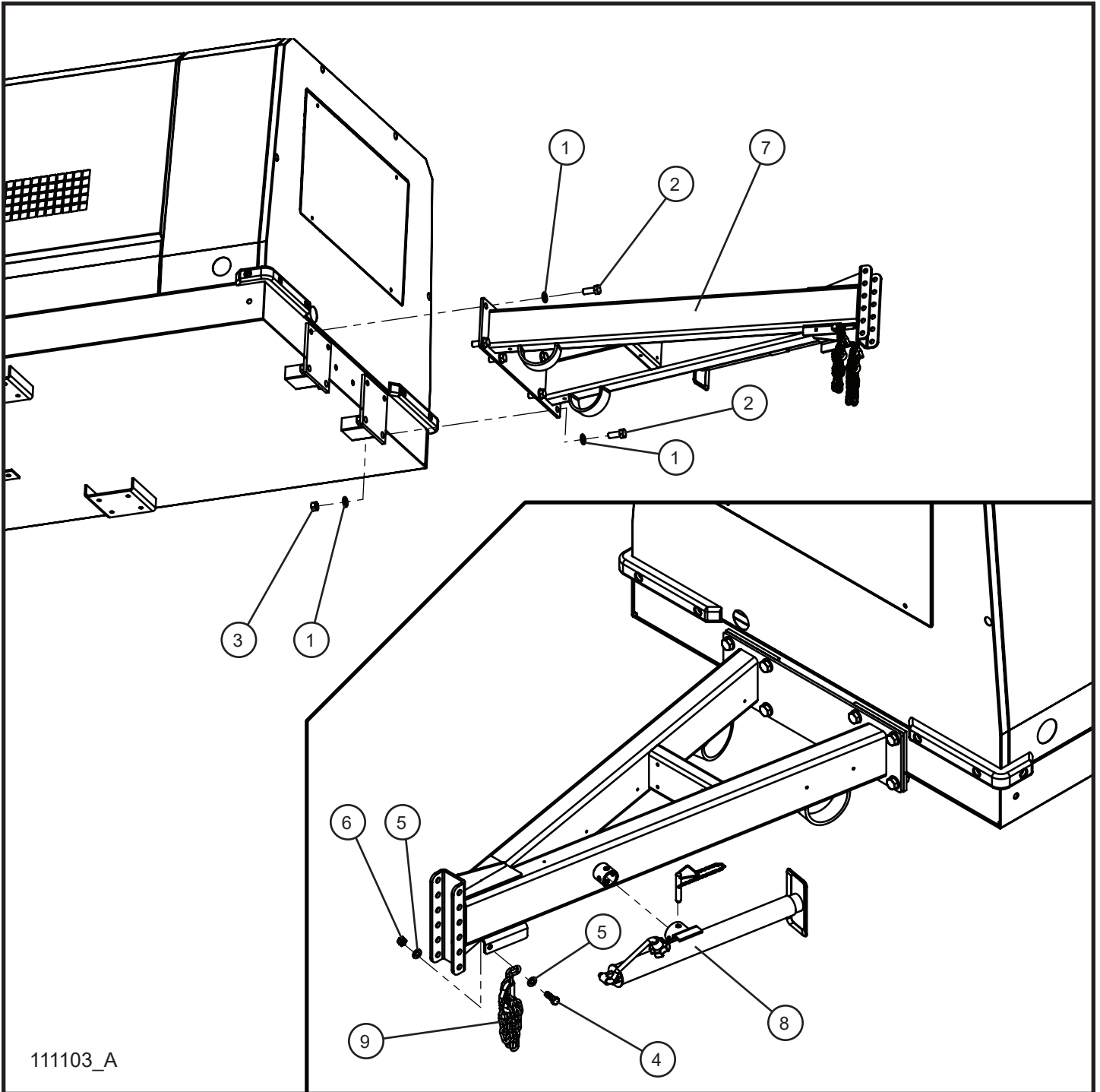
Item	Allmand No.	Part Description	Qty.
1	047031	5/8 FLAT WASHER HDND PL	16
2	042200	M16 x 1.5 x 50MM HEX HEAD CS	16
3	110376	MAXI-AIR 400 ELECTRIC BRAKE AXLE	1
4	102204	AXLE HARDWARE KIT 6 STUD	1
5	111065P	SHACKLE WELDMENT REAR	2
6	111064P	SHACKLE WELDMENT FRONT	2
7	108296	16" TIRE WHEEL	2

NS - Not Shown

* * * - Contact Allmand for more information.

1.2 - Tongue Group

SN 20-000001 to 20-000023



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Maxi-Air 400

1.2 - Tongue Group

SN 20-000001 to 20-000023

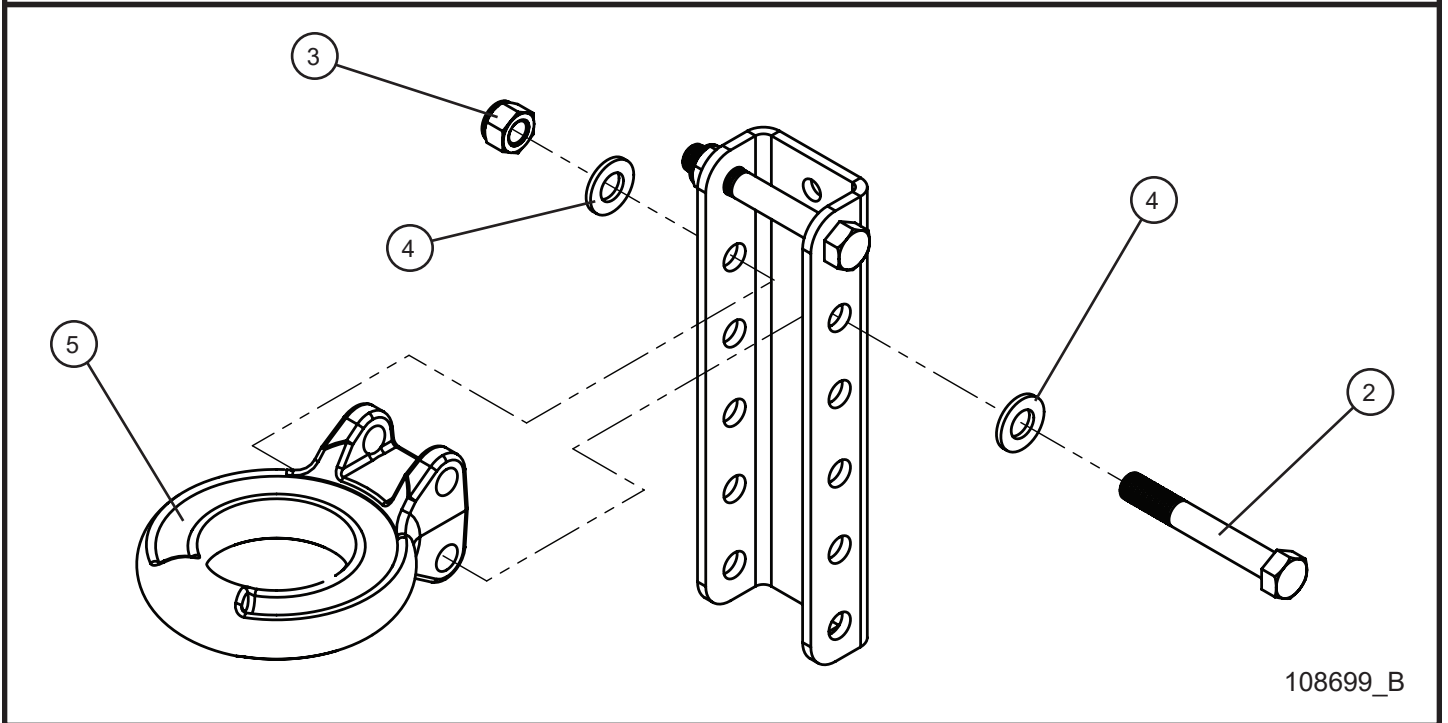
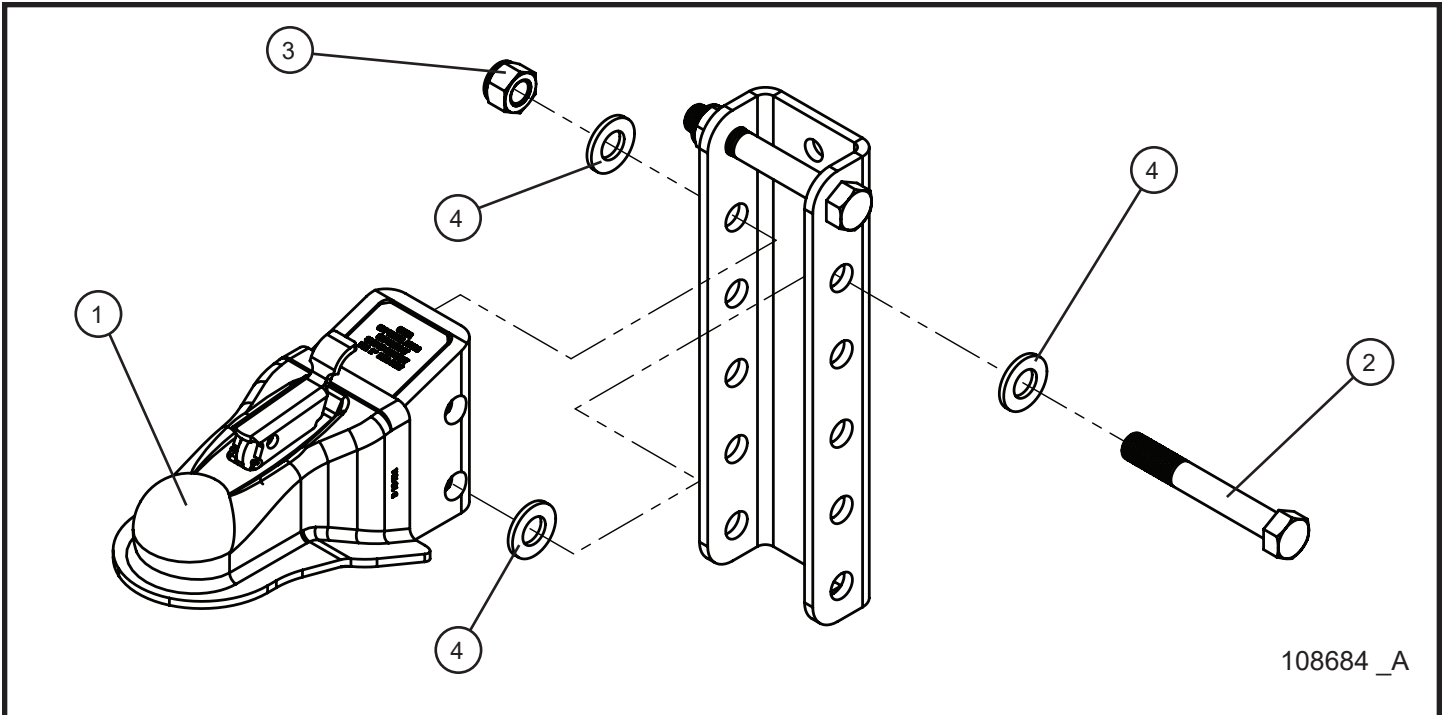
Item	Allmand No.	Part Description	Qty.
1	047036	3/4 SAE WASHER	12
2	042100	M20 x 1.5 x 50 METRIC HEX BOLT	8
3	042087	M20 x 1.5 HEX NUT CLASS 10	4
4	046185	1/2-13 x 1 1/2 HEX HEAD CS GR5 PL	2
5	047025	1/2 FLAT WASHER PL	4
6	044048	1/2-13 NYLOCK HEX NUT PL	2
7	110005P	TONGUE WELDMENT MAXI-AIR 400	1
8	108727	TOP CRANK JACK TUBE	1
9	049042	SAFETY CHAIN CLASS IV 30 IN.	2

NS - Not Shown

* * * - Contact Allmand for more information.

1.3 - Tongue Coupler Options

SN 20-000001 to 20-000023



1.3 - Tongue Coupler Options

SN 20-000001 to 20-000023

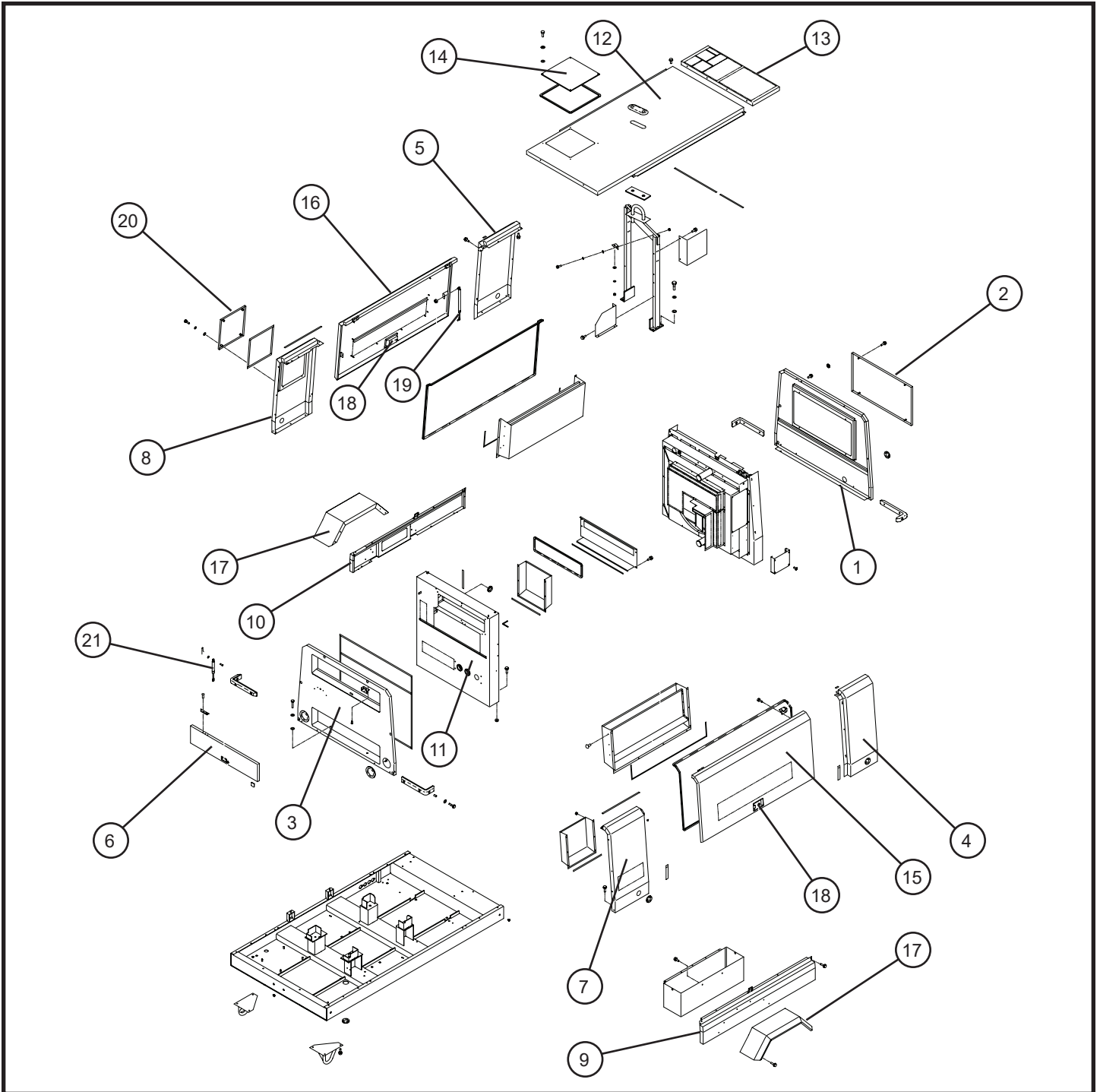
Item	Part No.	Part Description	Qty.
1	109976	COUPLER BALL 2.313 ADJUSTABLE STAMPED	1
2	046255	5/8-11 x 5 HEX HEAD CS GR5 PL	2
3	044053	5/8-11 NYLOCK HEX NUT PL	2
4	047031	5/8 FLAT WASHER HDND PL	3
5	106720	RING PINTLE 3.00 ADJUSTABLE	1

NS - Not Shown

* * * - Contact Allmand for more information.

1.4 - Trailer Base Parts

SN 20-000001 to 20-000023



Maxi-Air 400

1.4 - Trailer Base Parts

SN 20-000001 to 20-000023

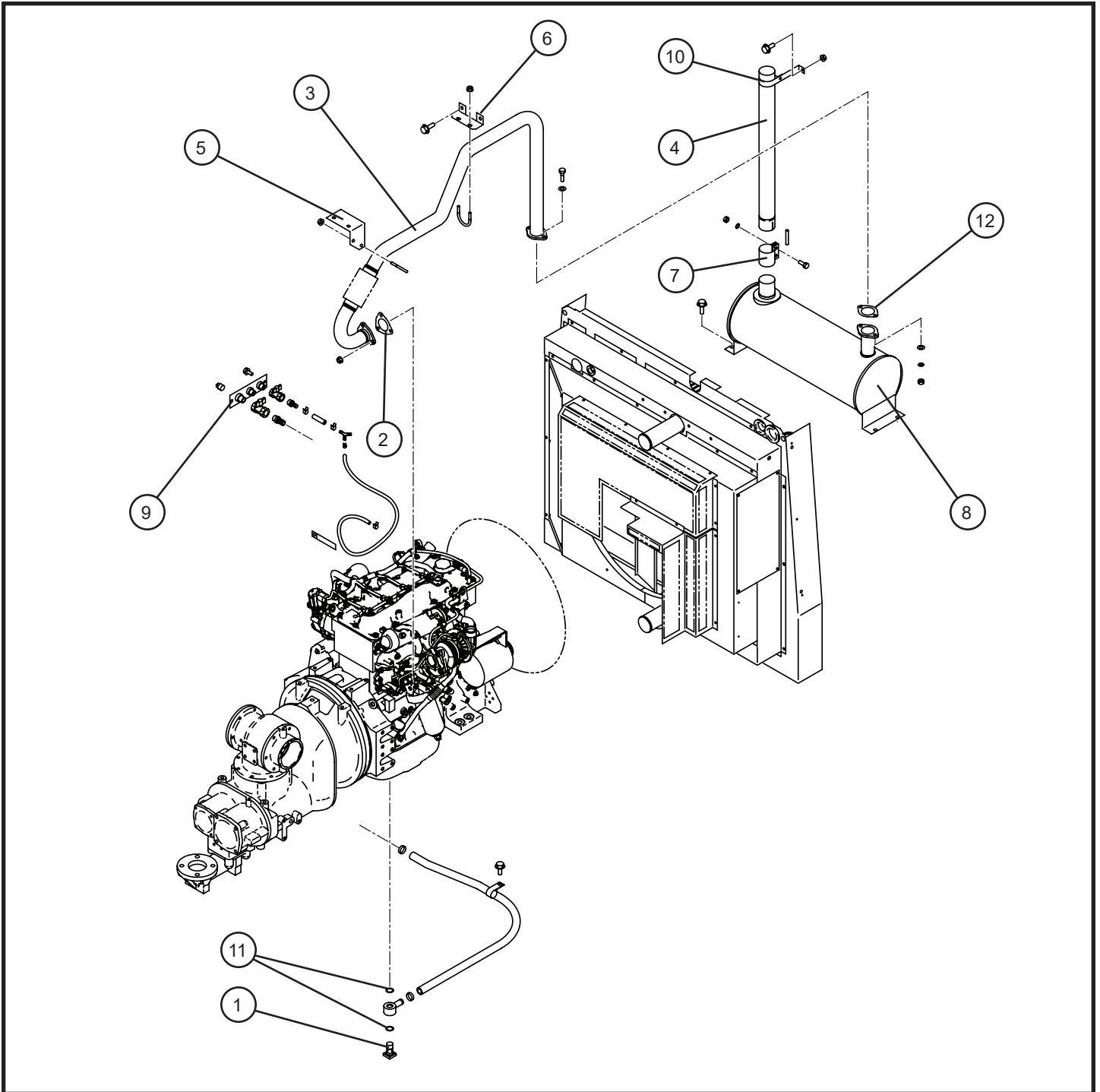
Item	Allmand No.	Part Description	Qty.
1	110503	COVER	1
2	***	COVER	1
3	***	COVER	1
4	***	COVER	1
5	***	COVER	1
6	***	DOOR	1
7	***	COVER	1
8	***	COVER	1
9	***	SIDE COVER	1
10	***	SIDE COVER	1
11	***	COVER	1
12	***	TOP COVER	1
13	***	TOP COVER	1
14	***	COVER	1
15	***	DOOR	1
16	***	DOOR	1
17	112121	FENDER	2
18	110499	LATCH ASSEMBLY	2
19	***	DUMPER	2
20	***	COVER	1
21	***	DUMPER	1

NS - Not Shown

*** - Contact Allmand for more information.

2.1 - Engine Exhaust Group

SN 20-000001 to 20-000023



Maxi-Air 400

2.1 - Engine Exhaust Group

SN 20-000001 to 20-000023

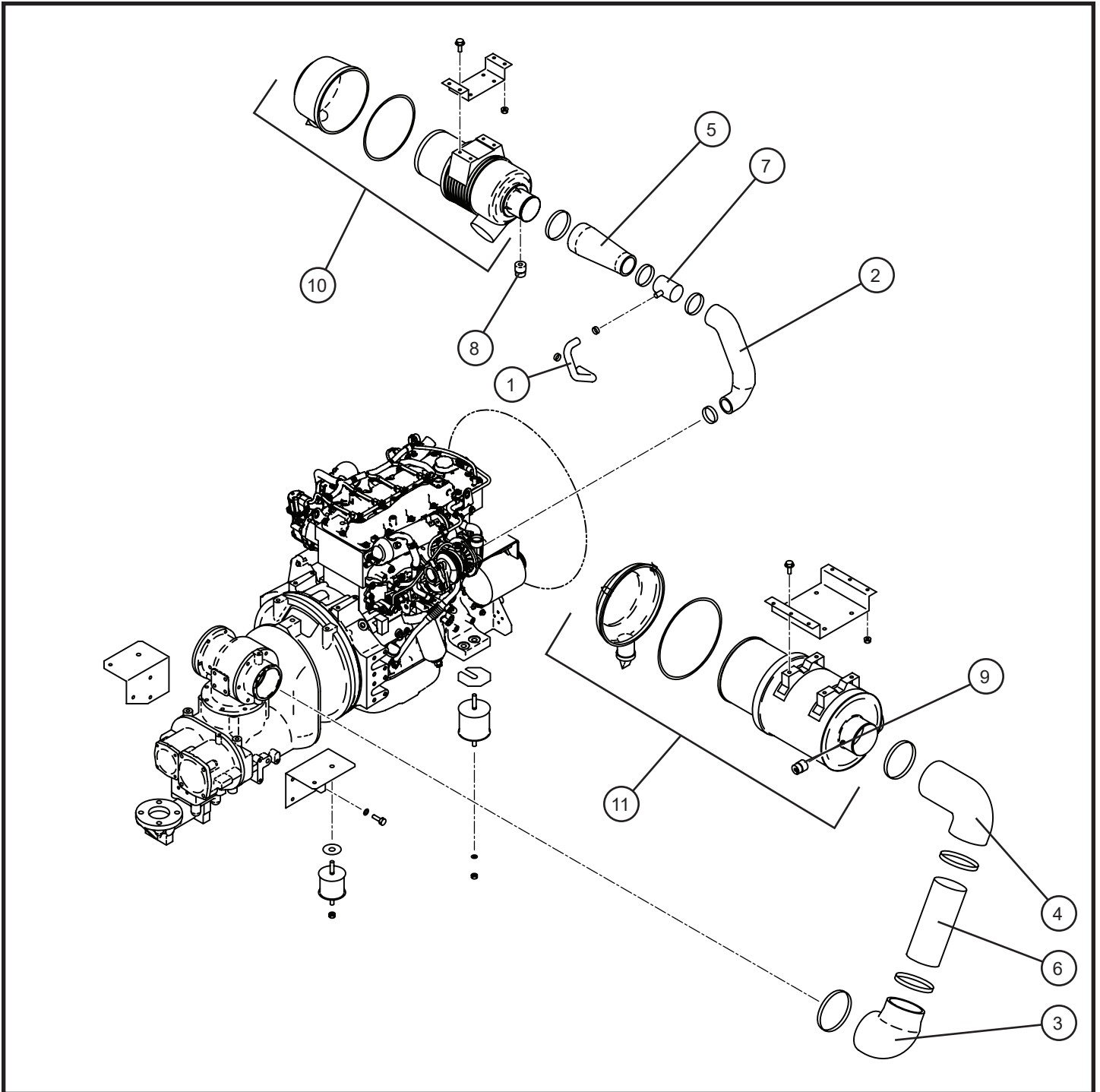
Item	Allmand No.	Part Description	Qty.
1	110763	NIPPLE (BOLT)	1
2	110769	GASKET	1
3	110768	PIPE, EXHAUST	1
4	110766	PIPE, EXHAUST	1
5	110771	BRACKET	1
6	110770	BRACKET	1
7	110767	BELT	1
8	110765	EXHAUST MUFFLER	1
9	110764	JOINT	1
10	110772	CLIP	1
11	111675	GASKET	2
12	111748	GASKET, EXHAUST PIPE	1

NS - Not Shown

* * * - Contact Allmand for more information.

2.2 - Engine Air Filter Group

SN 20-000001 to 20-000023



Maxi-Air 400

2.2 - Engine Air Filter Group

SN 20-000001 to 20-000023

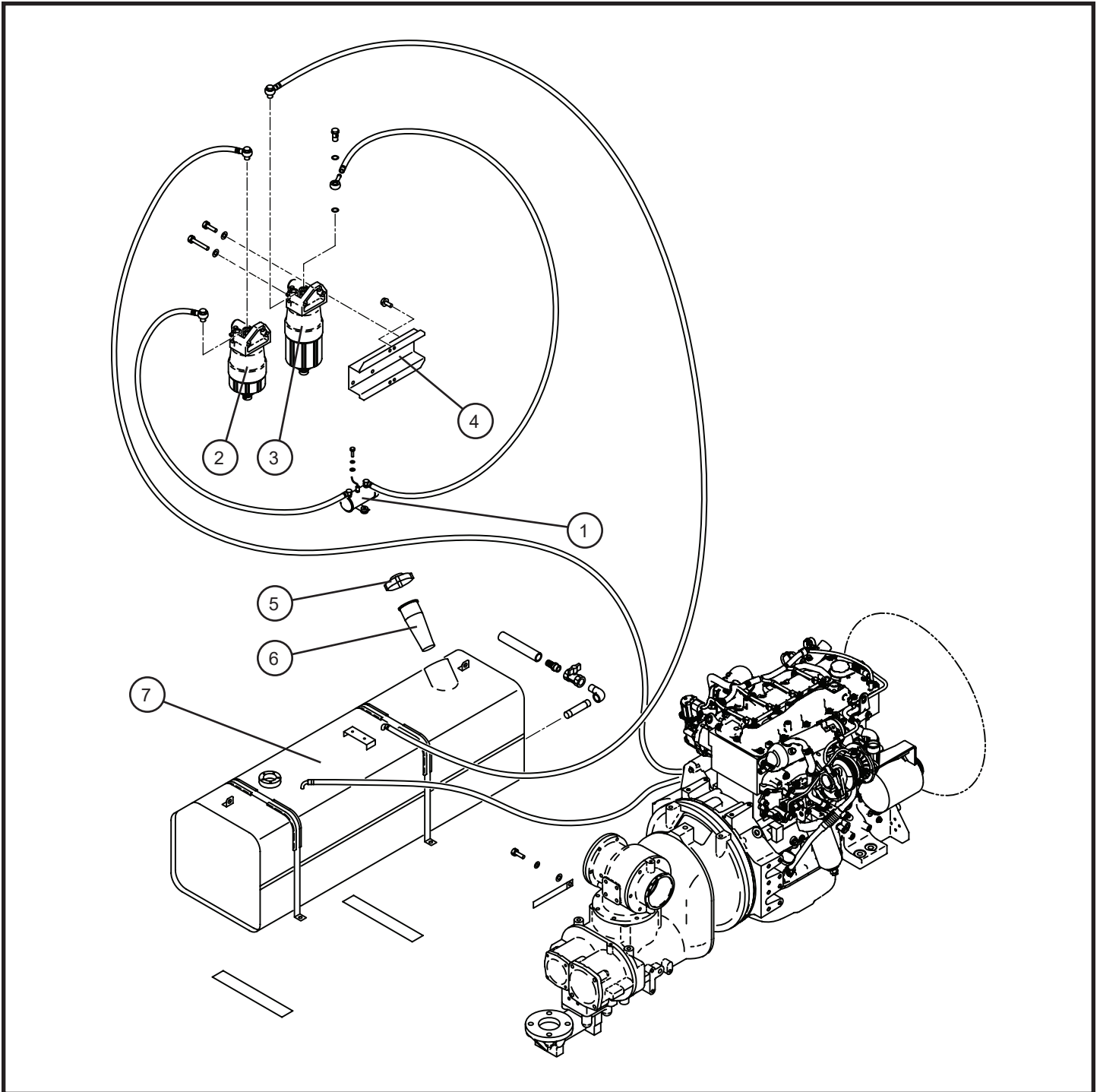
Item	Allmand No.	Part Description	Qty.
1	110878	HOSE	1
2	110884	HOSE	1
3	110887	HOSE	1
4	110885	HOSE	1
5	110882	HOSE	1
6	110886	PIPE	1
7	110883	PIPE	1
8	110888	FILTER, SERVICE INDICATOR	1
9	110881	FILTER, SERVICE INDICATOR	1
10	110876	AIR FILTER ASSEMBLY	1
	110877	AIR FILTER ELEMENT	1
11	110879	AIR FILTER ASSEMBLY	1
	110880	AIR FILTER ELEMENT	1

NS - Not Shown

*** - Contact Allmand for more information.

2.3 - Fuel Tank and Fuel Lines

SN 20-000001 to 20-000023



Maxi-Air 400

2.3 - Fuel Tank and Fuel Lines

SN 20-000001 to 20-000023

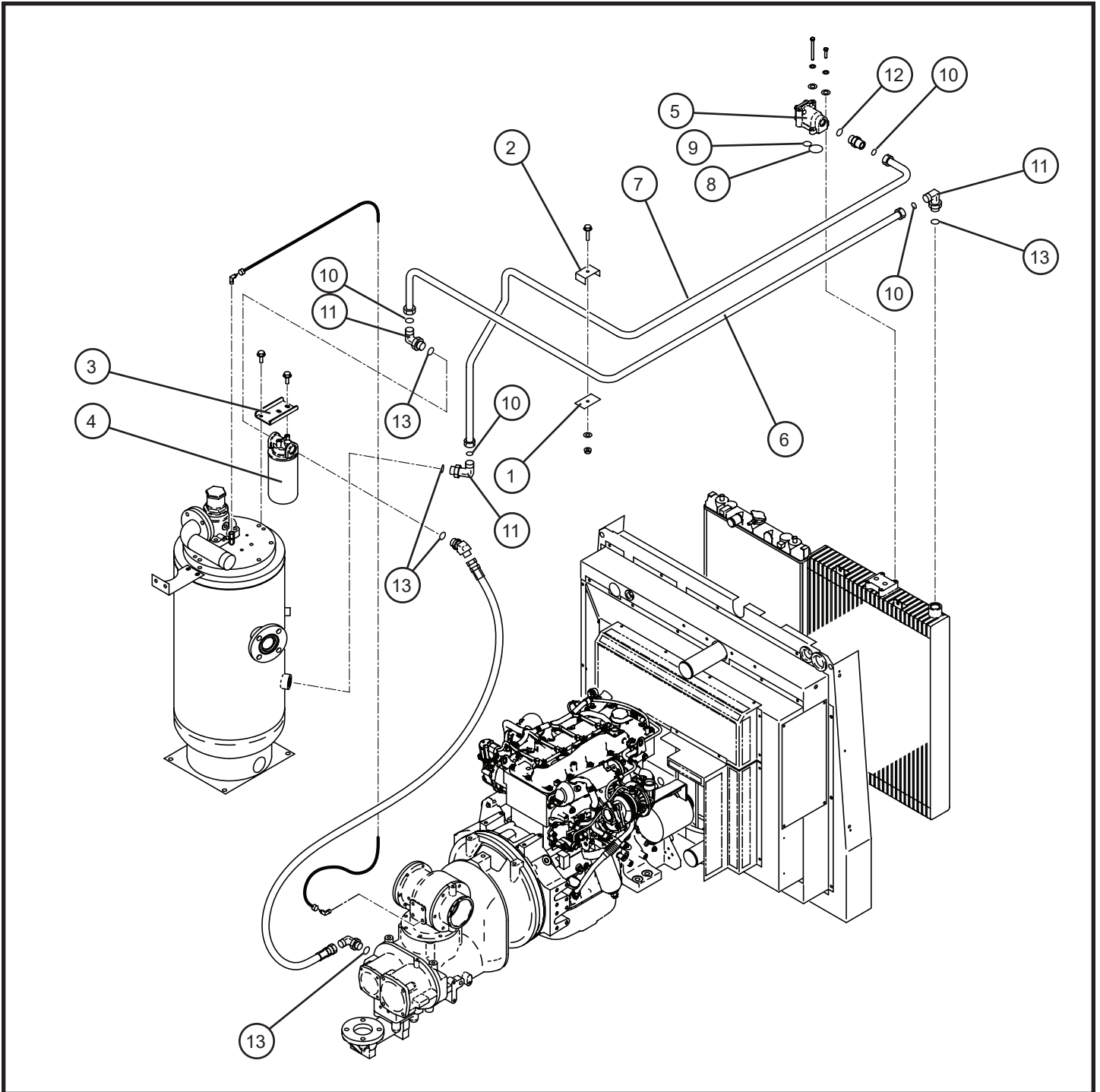
Item	Allmand No.	Part Description	Qty.
1	110762	FUEL PUMP	1
2	110756	FILTER ASSEMBLY	1
	110760	FILTER, CARTRIDGE	1
3	110754	FILTER ASSEMBLY	1
	110755	FILTER, CARTRIDGE	1
4	110752	BRACKET	1
5	110746	CAP	1
6	110750	STRAINER	1
7	110737	FUEL TANK	1

NS - Not Shown

*** - Contact Allmand for more information.

2.4 - Oil Lines

SN 20-000001 to 20-000023



Maxi-Air 400

2.4 - Oil Lines

SN 20-000001 to 20-000023

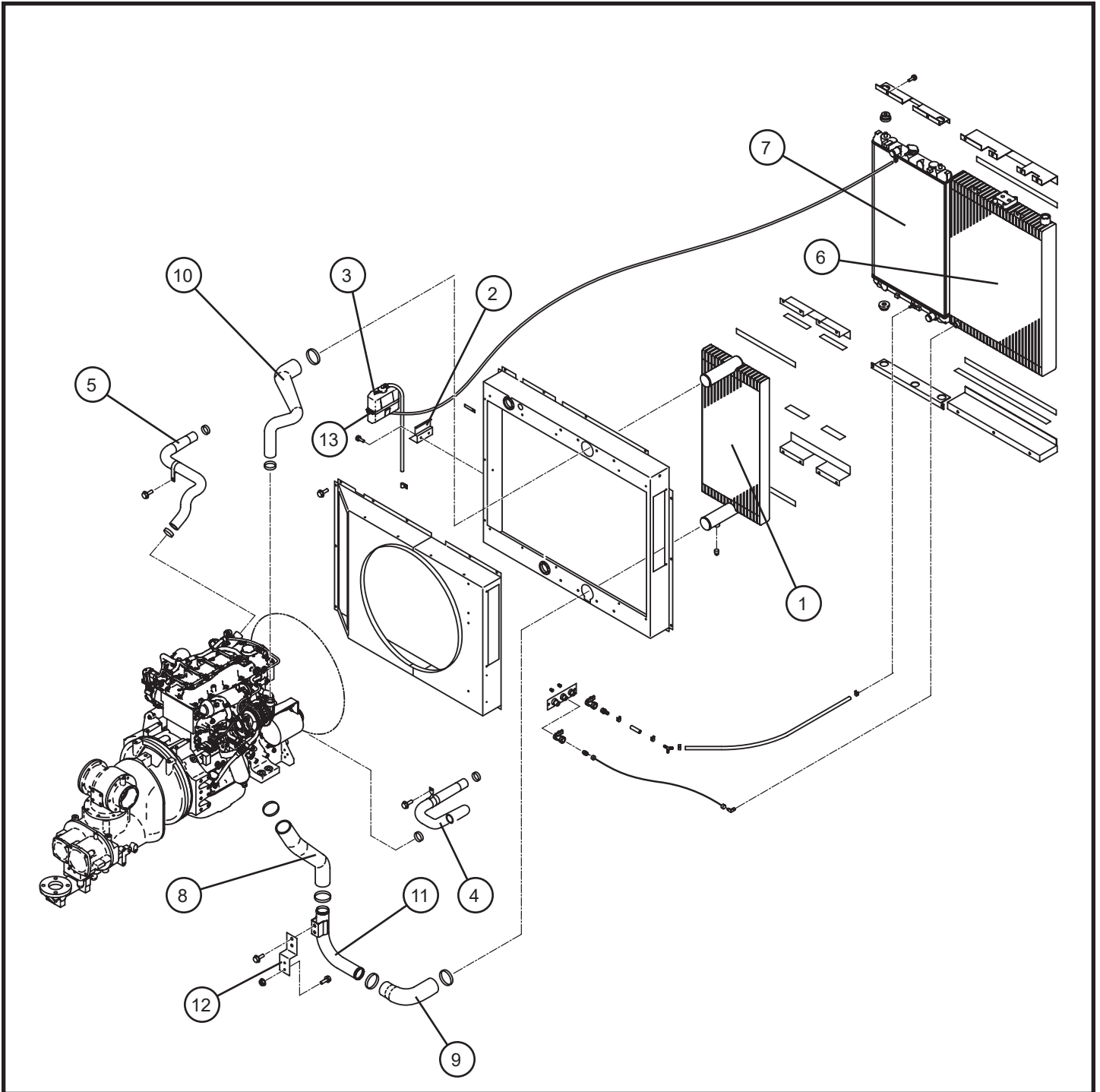
Item	Allmand No.	Part Description	Qty.
1	110794	BRACKET	1
2	110793	BRACKET	1
3	110797	BRACKET	1
4	110795	OIL FILTER ASSEMBLY	1
	110796	FILTER CARTRIDGE	1
5	110786	BY-PASS VALVE ASSEMBLY	1
	110787	PELLET ASSEMBLY	1
	110788	O-RING	1
6	110792	PIPE	1
7	110791	PIPE	1
8	110575	O-RING	1
9	110789	O-RING	1
10	111341	O-RING, PIPE	1
11	111342	NIPPLE	1
12	111343	O-RING, NIPPLE	1
13	111672	O-RING, NIPPLE	1

NS - Not Shown

* * * - Contact Allmand for more information.

2.5 - Cooling Group

SN 20-000001 to 20-000023



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2.5 - Cooling Group

SN 20-000001 to 20-000023

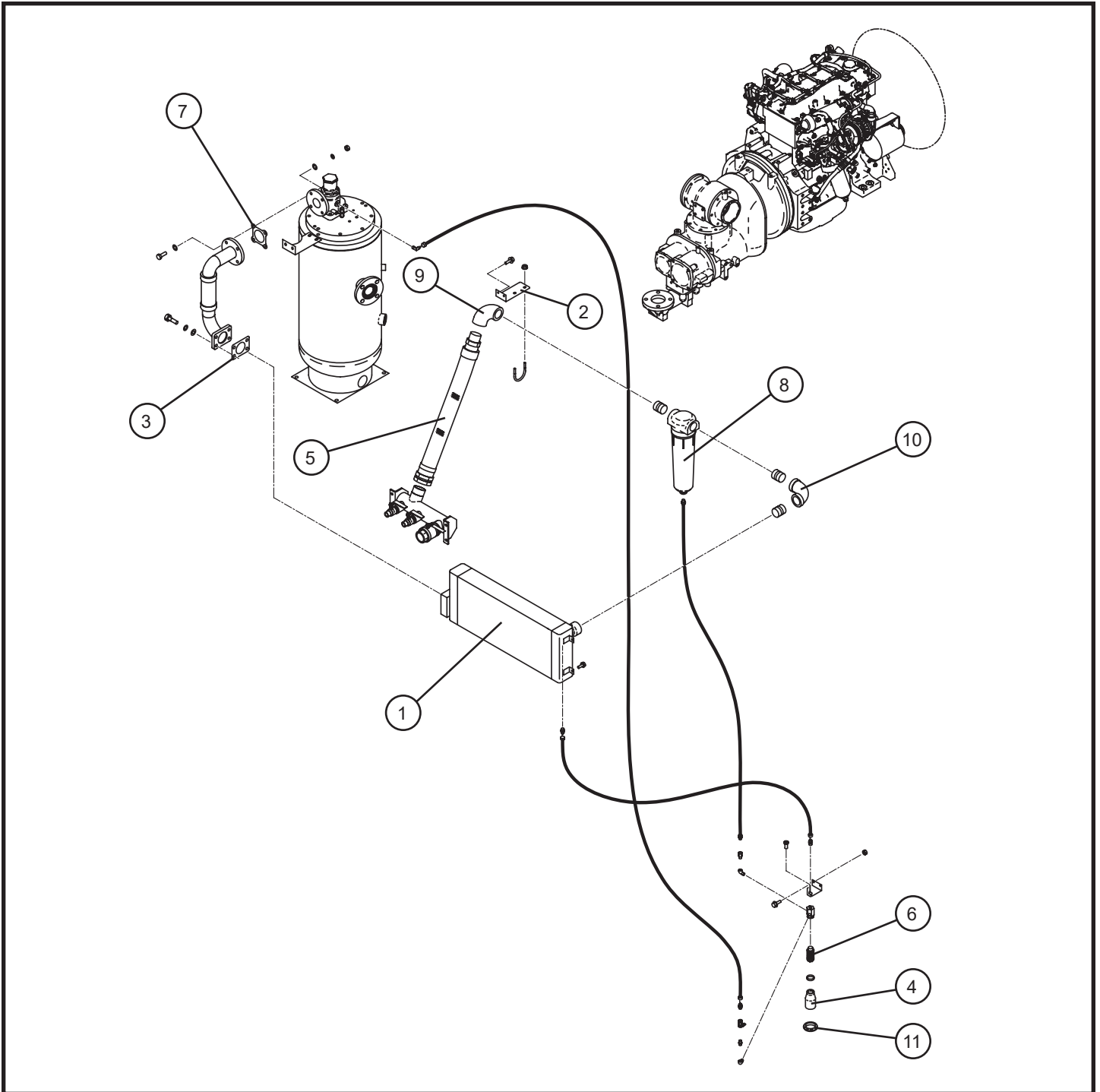
Item	Allmand No.	Part Description	Qty.
1	110780	INTERCOOLER	1
2	110777	BRACKET	1
3	110776	RESERVE TANK ASSEMBLY	1
4	110775	HOSE	1
5	110774	HOSE	1
6	110779	OIL COOLER	1
7	110773	RADIATOR	1
8	110784	HOSE	1
	111747	HOSE	1
9	110782	HOSE	1
	111746	HOSE	1
10	110781	HOSE	1
	111745	HOSE	1
11	110783	PIPE	1
12	110785	BRACKET	1
13	110778	HOSE CLIP	1

NS - Not Shown

*** - Contact Allmand for more information.

2.6 - Service Header with Aftercooler

SN 20-000001 to 20-000023



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2.6 - Service Header with Aftercooler

SN 20-000001 to 20-000023

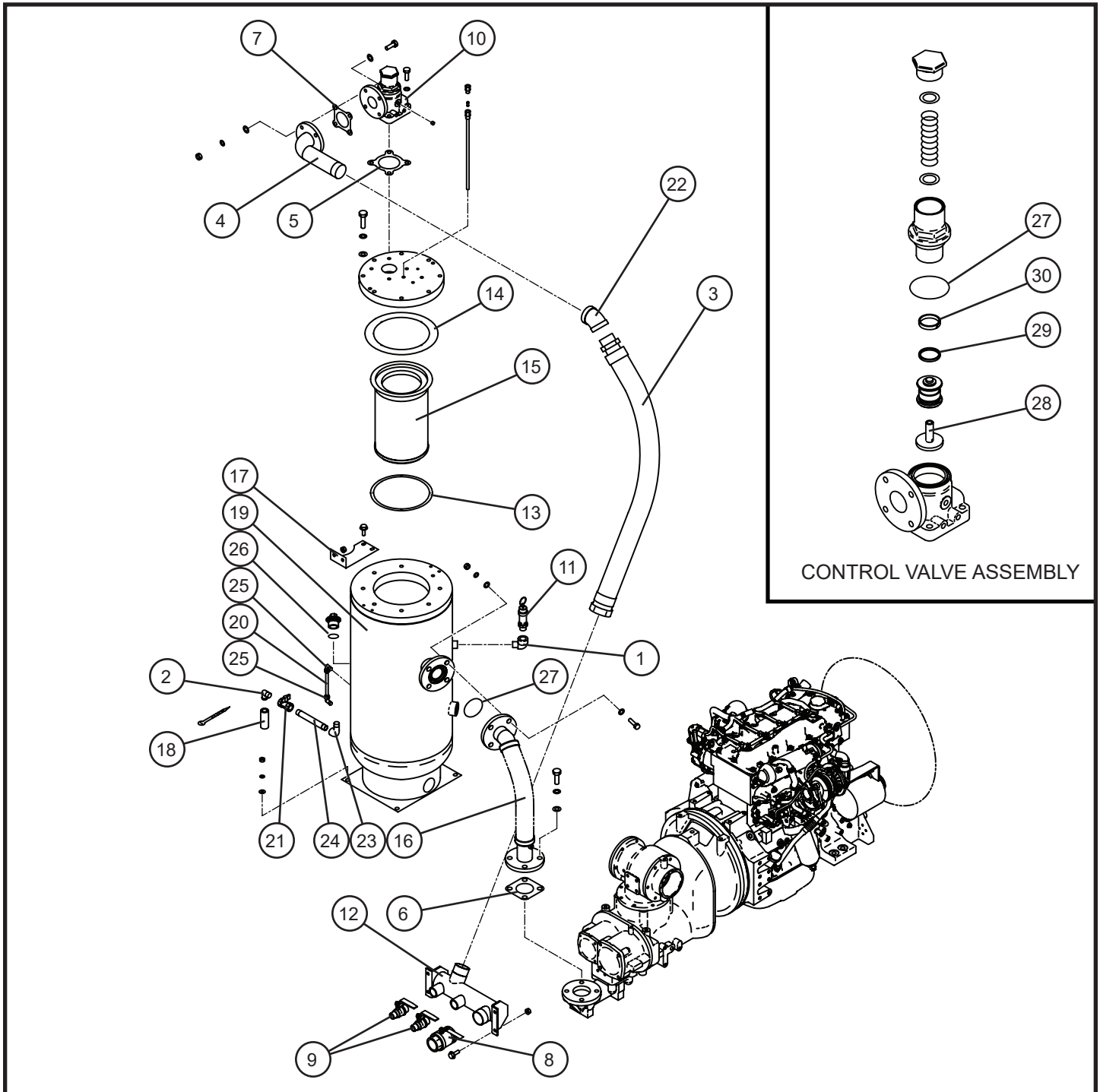
Item	Allmand No.	Part Description	Qty.
1	110834	AFTERCOOLER	1
2	110839	BRACKET	1
3	110836	GASKET	1
4	110844	PIPE	1
5	110842	PIPE	1
6	110843	SILENCER	1
7	110835	GASKET	1
8	110837	SEPARATOR ASSEMBLY	1
9	110841	ELBOW	1
10	110840	ELBOW	1
11	110845	EYELET RING	1

NS - Not Shown

* * * - Contact Allmand for more information.

2.7 - Separator and Receiver Group

SN 20-000001 to 20-000023



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2.7 - Separator and Receiver Group

SN 20-000001 to 20-000023

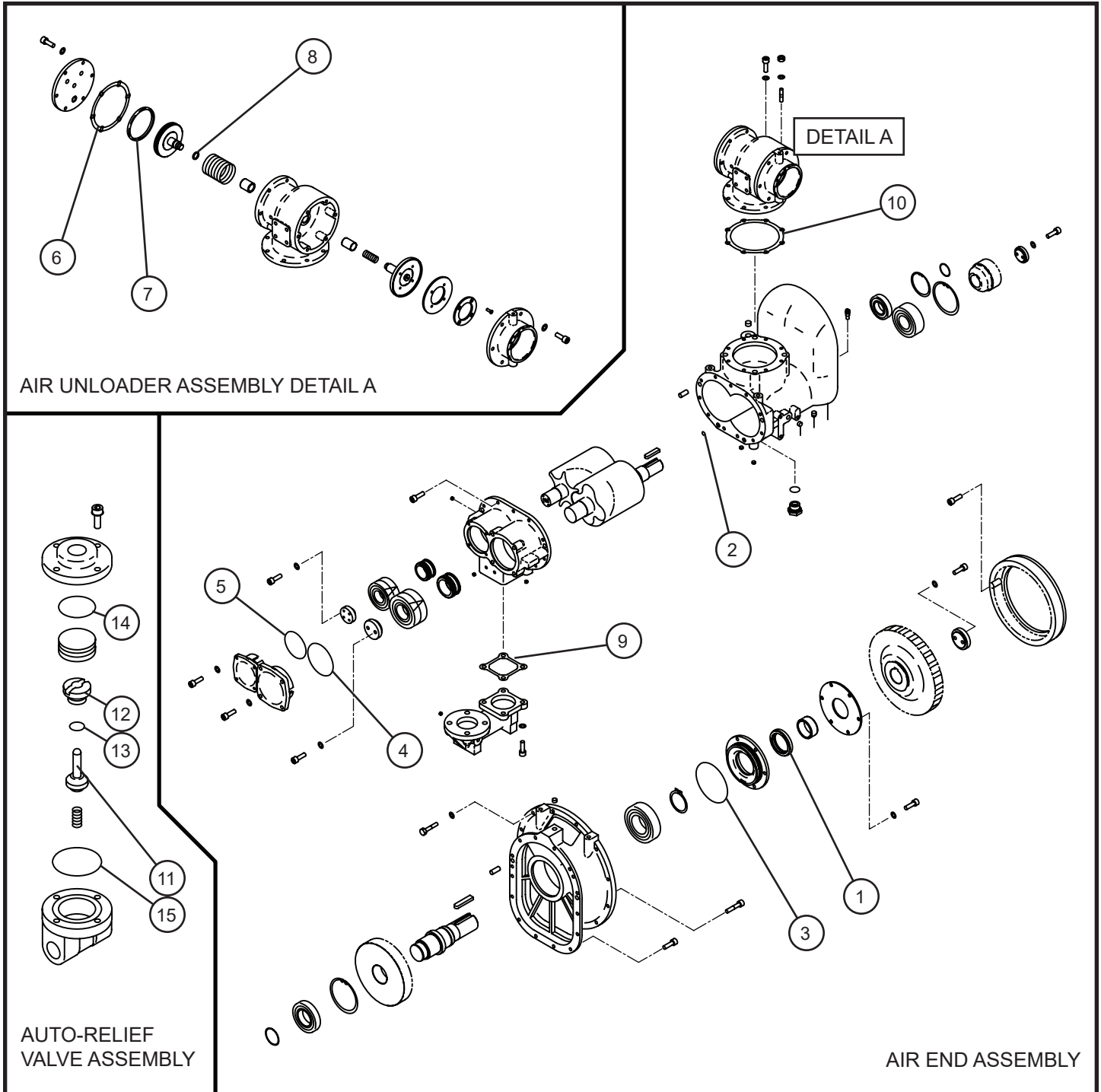
Item	Allmand No.	Part Description	Qty.
1	110851	ELBOW	1
2	110857	NIPPLE	1
3	110875	PIPE	1
4	110872	PIPE	1
5	110868	GASKET	1
6	110860	GASKET	1
7	110873	GASKET	1
8	110870	AIR VALVE	1
9	110871	AIR VALVE	2
10	110867	PRESSURE CONTROL VALVE ASSEMBLY	1
11	110850	SAFETY VALVE ASSEMBLY	1
12	110869	AIR MANIFOLD	1
13	110866	GASKET	1
14	110865	GASKET	1
15	110864	SEPARATOR	1
	110863	SEPARATOR	1
16	110859	PIPE, DISCHARGE	1
17	110862	BRACKET	1
18	110858	PIPE	1
19	110846	RECEIVER TANK	1
20	110852	NYLON TUBE,W/N	1
21	110856	VALVE	1
22	110874	ELBOW	1
23	110854	ELBOW	1
24	110855	GAS PIPE	1
25	110853	NIPPLE ELBOW	2
26	110849	O-RING	1
27	110861	O-RING	2
28	111741	PISTON, PRESSURE CONTROL	1
29	111742	O-RING, PRESSURE CONTROL	1
30	111743	RING, PISTON SEAL	1

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*** - Contact Allmand for more information.

2.8 - Air End and Auto-Relief Valve Assembly Groups

SN 20-000001 to 20-000023



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2.8 - Air End and Auto-Relief Valve Assembly Groups

SN 20-000001 to 20-000023

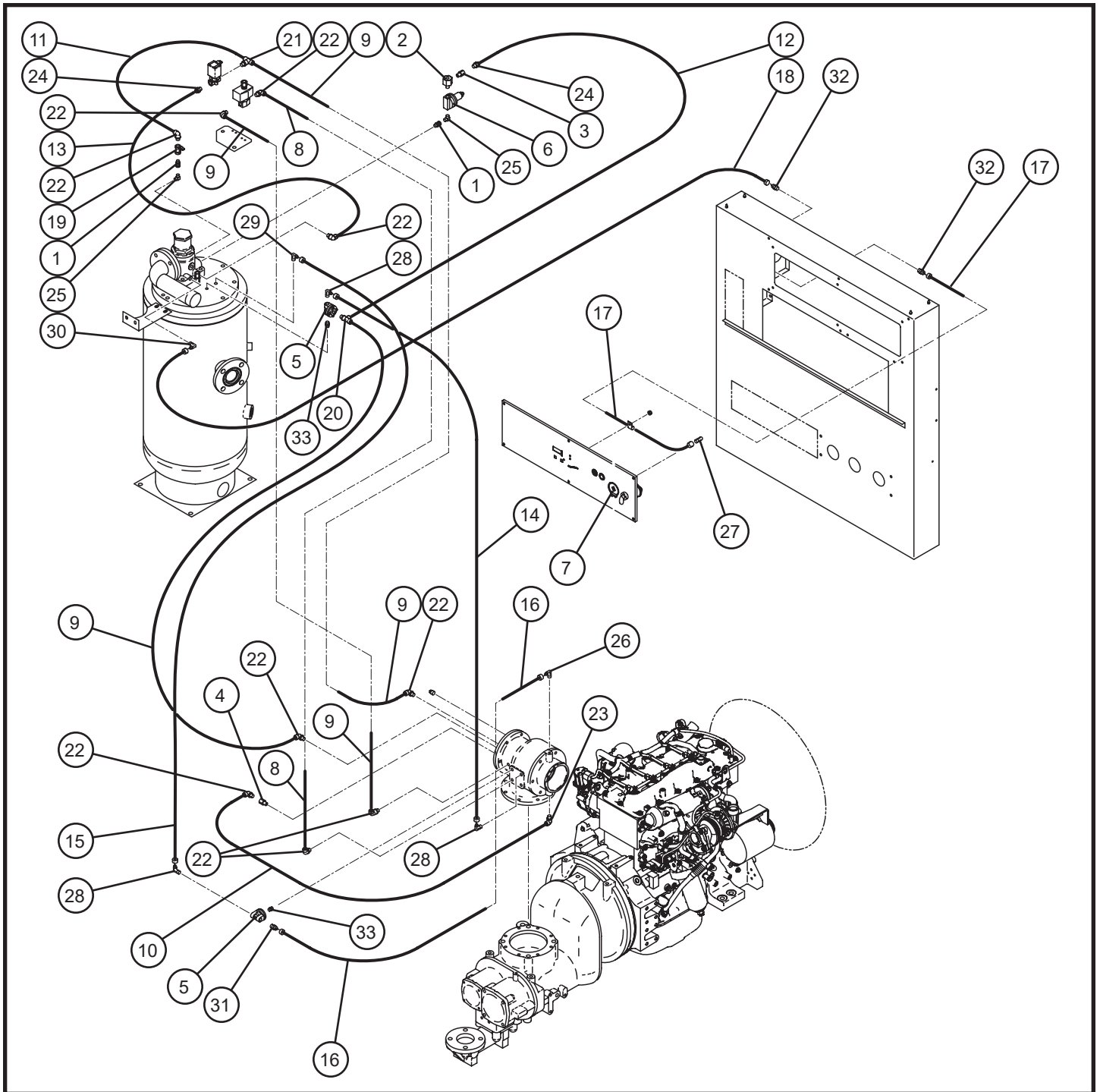
Item	Allmand No.	Part Description	Qty.
1	111339	OIL SEAL	1
2	111340	O-RING	1
3	111669	O-RING	1
4	111735	O-RING	1
5	111651	O-RING	1
6	111736	GASKET, UNLOADER COVER	1
7	111737	O-RING	1
8	111738	O-RING	1
9	111739	GASKET, END COVER	1
10	111740	GASKET, UNLOADER	1
11	111731	NEEDLE VALVE, AUTO-RELIEF	1
12	111732	VALVE SEAT, AUTO-RELIEF	1
13	111670	O-RING, AUTO-RELIEF	1
14	111671	O-RING, AUTO-RELIEF	1
15	111733	O-RING, AUTO-RELIEF	1

NS - Not Shown

* * * - Contact Allmand for more information.

2.9 - Air Lines

SN 20-000001 to 20-000023



Maxi-Air 400

2.9 - Air Lines

SN 20-000001 to 20-000023

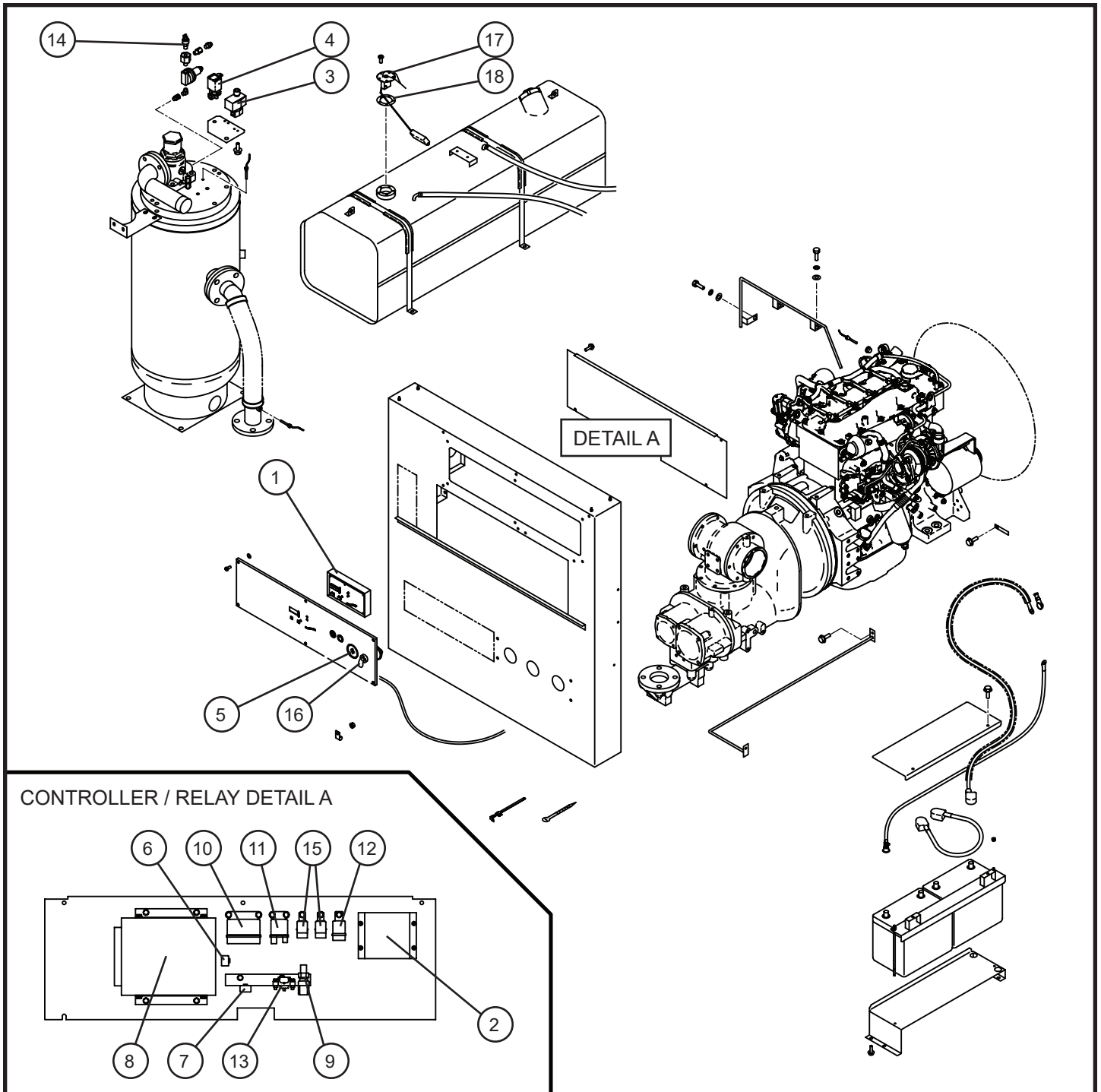
Item	Allmand No.	Part Description	Qty.
1	110810	JOINT	2
2	110805	BUSHING	1
3	110806	BUSHING	1
4	110826	BUSHING	1
5	110812	AUTO-RELIEF VALVE	2
6	110804	REGULATOR ASSEMBLY	1
7	110798	AIR PRESSURE GAUGE	1
8	110828	NYLON TUBE	1
	110829	NYLON TUBE	1
9	110815	NYLON TUBE	3
10	110827	NYLON TUBE	1
11	110811	NYLON TUBE	1
12	110807	NYLON TUBE	1
13	110817	NYLON TUBE	1
14	110813	NYLON TUBE, W/N	1
15	110819	NYLON TUBE, W/N	1
	110818	NYLON TUBE, W/N	1
16	110821	NYLON TUBE, W/N	1
	110820	NYLON TUBE, W/N	1
17	110802	NYLON TUBE, W/N	1
18	110803	NYLON TUBE, W/N	1
19	110808	VALVE	1
20	110814	TEE NIPPLE	1
21	110816	TEE NIPPLE	1
22	110830	NIPPLE ELBOW	9
23	110831	NIPPLE ELBOW	1
24	110832	NIPPLE	2
25	110809	NIPPLE ELBOW	2
26	110823	NIPPLE ELBOW	1
27	110799	NIPPLE ELBOW	1
28	110825	NIPPLE ELBOW	3
29	110824	NIPPLE ELBOW	1
30	110800	NIPPLE ELBOW	1
31	110822	NIPPLE	1
32	110801	NIPPLE	2
33	110833	NIPPLE	2

NS - Not Shown

* * * - Contact Allmand for more information.

3.1 - Electrical Controller Group

SN 20-000001 to 20-000023



Maxi-Air 400

3.1 - Electrical Controller Group

SN 20-000001 to 20-000023

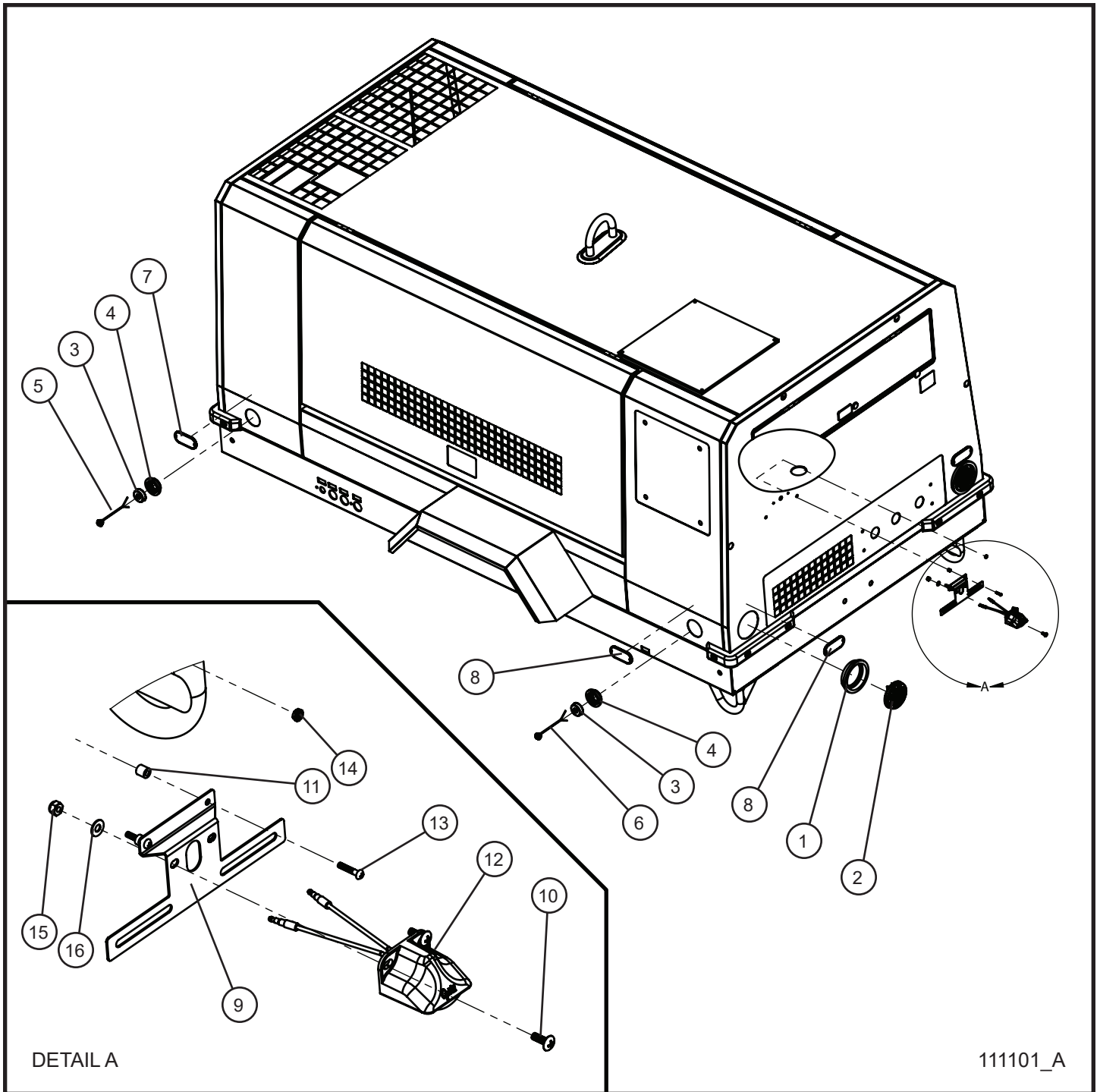
Item	Allmand No.	Part Description	Qty.
1	110718	CONTROLLER	1
2	110665	CONTROLLER	1
3	110732	SOLENOID VALVE	1
4	110729	SOLENOID VALVE	1
5	110733	PUSH BUTTON SWITCH	1
6	110714	FUSE BOX	2
7	110715	FUSE BOX	2
8	110667	CONTROLLER (ECU)	1
9	110712	THERMO SENSOR	1
10	110668	RELAY (STARTER)	1
11	110687	RELAY (GROW)	1
12	110698	RELAY (FUEL PUMP)	1
13	110709	PRESSURE SWITCH	1
14	110716	PRESSURE SWITCH	1
15	110697	SAFETY RELAY	2
16	110699	STARTER SWITCH	1
17	110726	SENDING UNIT	1
18	110728	GASKET	1

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*** - Contact Allmand for more information.

3.2 - Trailer Lighting Group

SN 20-000001 to 20-000023



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Maxi-Air 400

3.2 - Trailer Lighting Group

SN 20-000001 to 20-000023

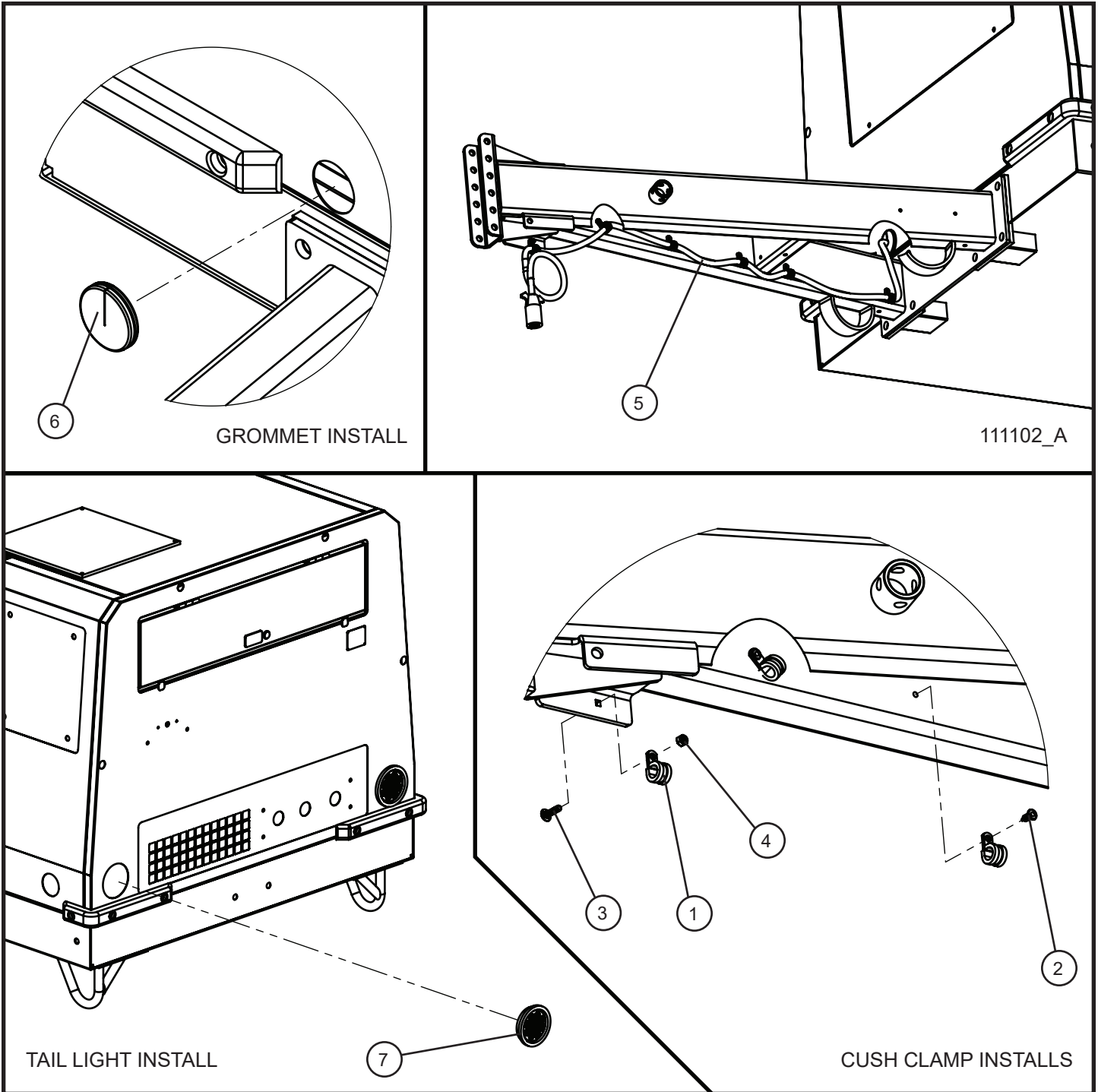
Item	Allmand No.	Part Description	Qty.
1	110260	4 IN. GROMMET TAIL LIGHT	2
2	110266	4 IN. 10-LED LIGHT STOP TURN TAIL LIGHT	2
3	110255	ADAPTOR MARKER LIGHT	4
4	110261	2 IN. GROMMET MARKER LIGHT	4
5	106212	LIGHT LED MARKER AMBER	2
6	106211	LIGHT LED MARKER RED	2
7	713527	REFLECTOR OVAL AMBER	2
8	713526	REFLECTOR OVAL RED	4
9	105349P	BRACKET LICENSE PLATE	1
10	041050	1/4-20 x 3/4 PH-TRUSS HEAD MS SS	2
11	022180	SPACER RICOHO	2
12	107605	MOUNT LED LIGHT CLEAR	1
13	041030	#10-24 x 1 PH-ROUND HEAD MS PL	2
14	044016	#10-24 KEPS HEX NUT PL	2
15	044023	1/4-20 NYLOCK HEX NUT PL	2
16	047009	1/4 FLAT WASHER SAE SS	2

NS - Not Shown

* * * - Contact Allmand for more information.

3.3 - Tail Light Harness

SN 20-000001 to 20-000023



Maxi-Air 400

3.3 - Tail Light Harness

SN 20-000001 to 20-000023

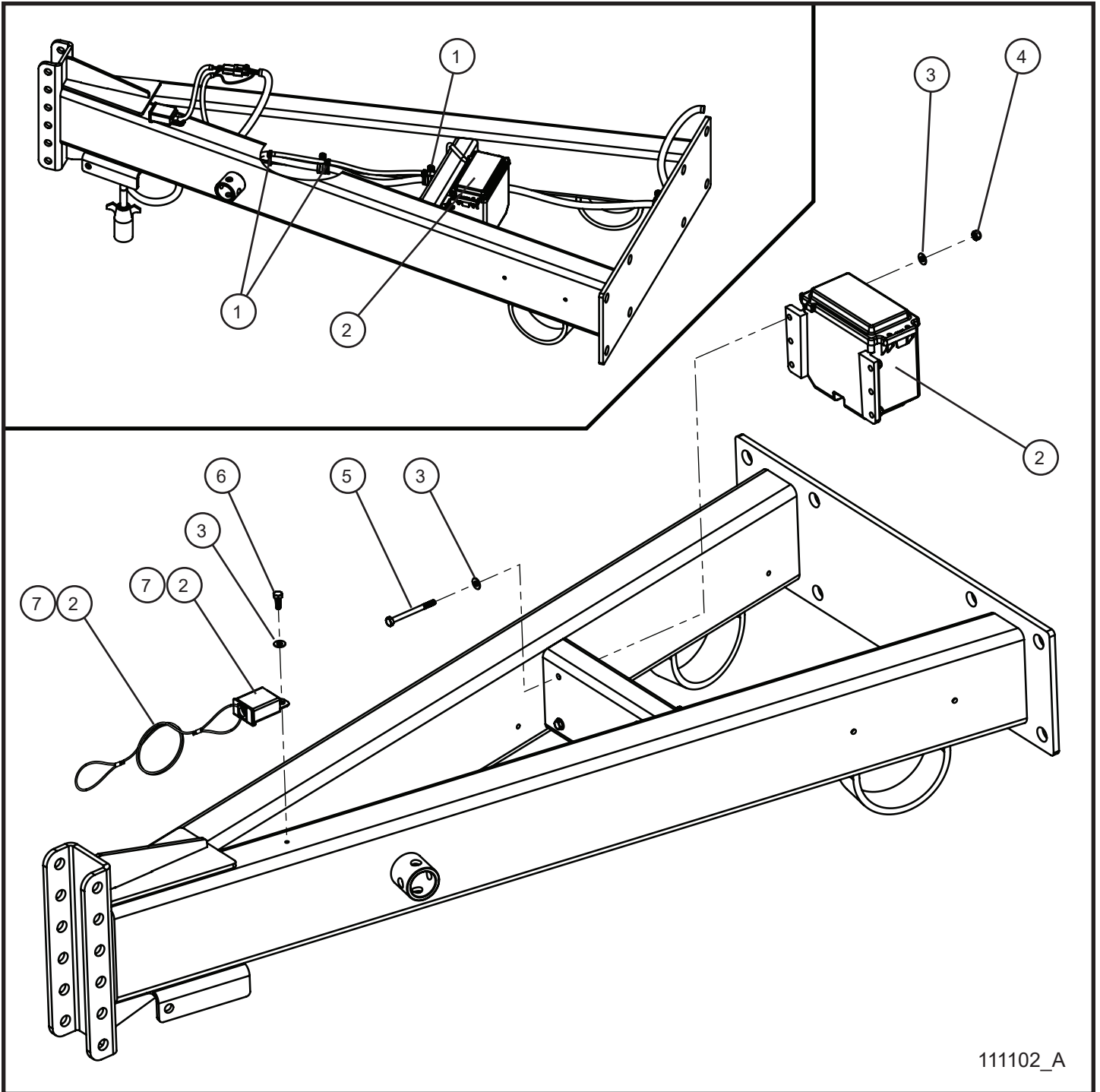
Item	Allmand No.	Part Description	Qty.
1	022014	#10 CUSH CLAMP .313 HOLE	6
2	110256	TRIM PANEL RETAINER	5
3	100342	1/4-20 x 1 CARRIAGE BOLT PL	1
4	044023	1/4-20 NYLOCK HEX NUT PL	1
5	111107	TAIL LIGHT HARNESS MAXI-AIR 400	1
6	110370	GROMMET SOLID 2.047 x 2.323 x .512	1
7	110266	4 IN. 10-LED LIGHT STOP TURN TAIL LIGHT	2
NS	112286	TAIL LIGHT HARNESS WIRE SCHEMATIC	1

NS - Not Shown

* * * - Contact Allmand for more information.

3.4 - Electric Brake Breakaway Kit

SN 20-000001 to 20-000023



3.4 - Electric Brake Breakaway Kit

SN 20-000001 to 20-000023

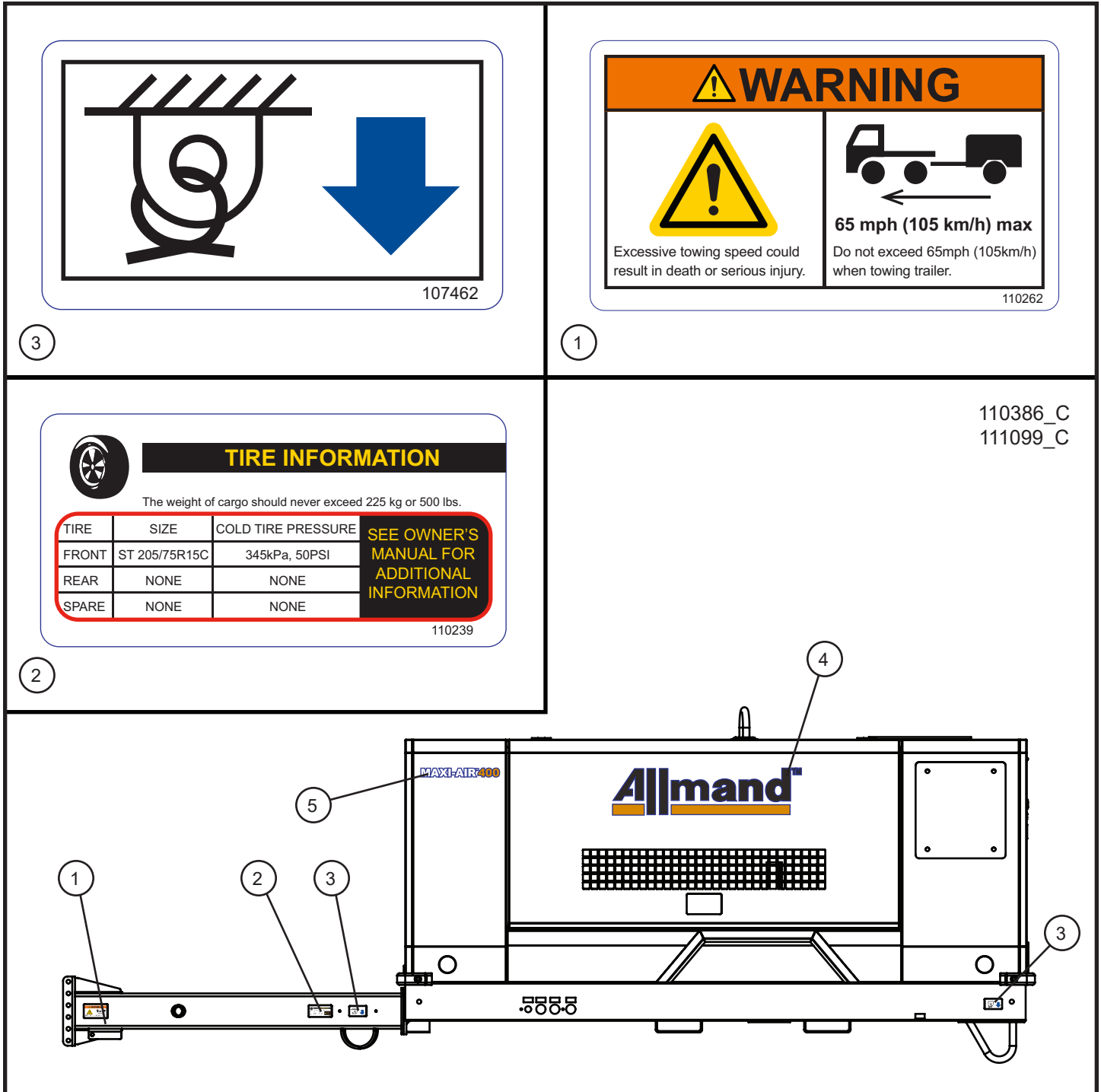
Item	Allmand No.	Part Description	Qty.
1	068090	CABLE TIE 8"	3
2	111969	BREAKAWAY KIT ASSEMBLY	1
	105847	4 PIN RECEPTACLE WEDGELOCK	1
	106578	BREAKAWAY KIT ELECTRIC BRAKES	1
3	047009	1/4 FLAT WASHER SAE SS	9
4	044023	1/4-20 NYLOCK HEX NUT PL	4
5	046038	1/4-20 x 3 HEX HEAD CS GR5 PL	4
6	046010	1/4-20 x 3/4 HEX HEAD CS GR5 SS	1
7	113065	BREAKAWAY SWITCH AND LANYARD ASSEMBLY	1

NS - Not Shown

* * * - Contact Allmand for more information.

4.1 - Left Side Decals

SN 20-000001 to 20-000023



Maxi-Air 400

4.1 - Left Side Decals

SN 20-000001 to 20-000023

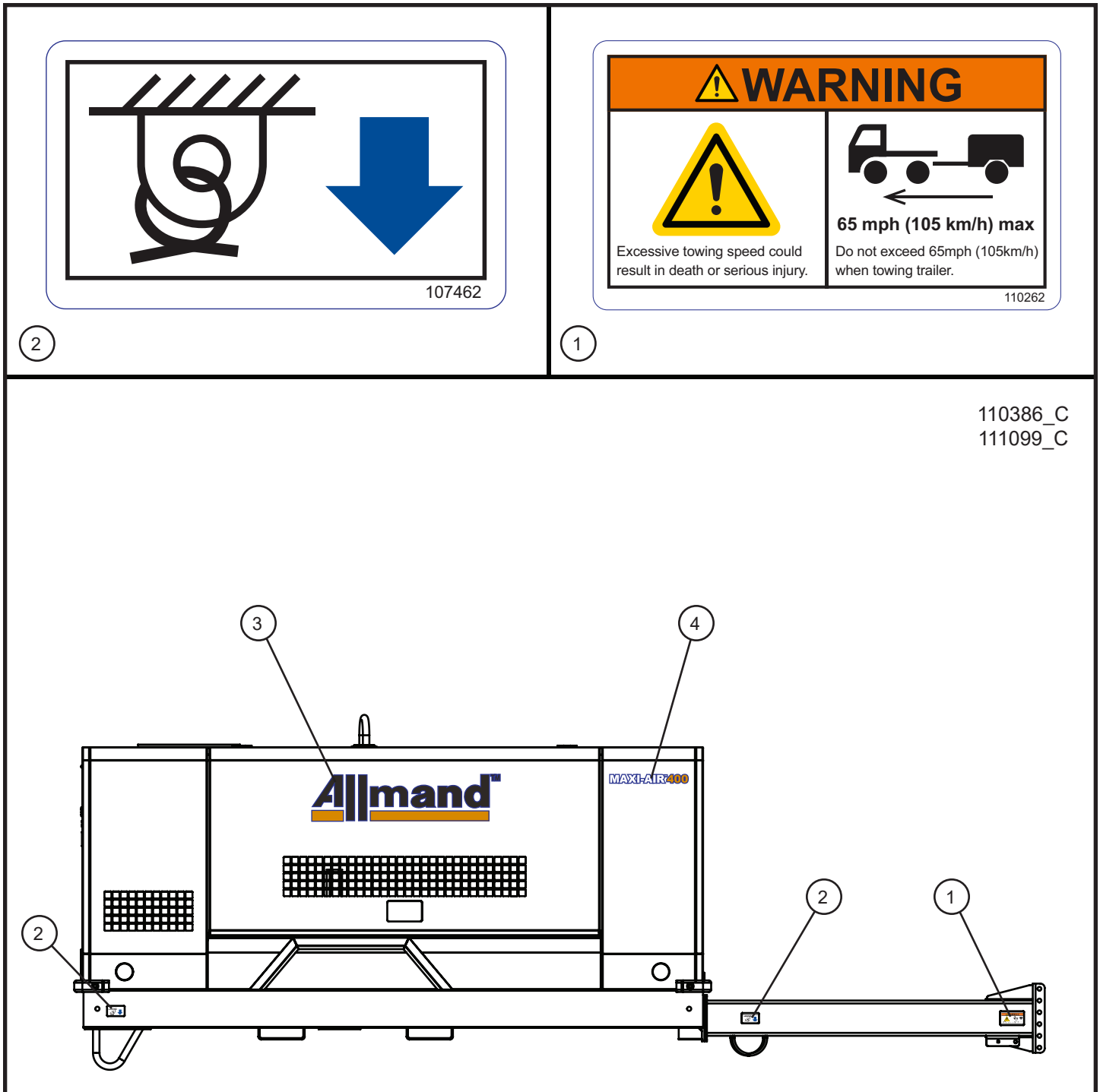
Item	Allmand No.	Part Description	Qty.
1	110262	EXCESSIVE TOWING WARNING DECAL	1
2	110239	TIRE INFORMATION DECAL	1
3	107462	TIE DOWN POSITION DECAL	2
4	110287	LARGE BLACK ALLMAND BRANDING DECAL	1
5	110284	MAXI-AIR 400 DECAL	1

NS - Not Shown

* * * - Contact Allmand for more information.

4.2 - Right Side Decals

SN 20-000001 to 20-000023



Maxi-Air 400

4.2 - Right Side Decals

SN 20-000001 to 20-000023

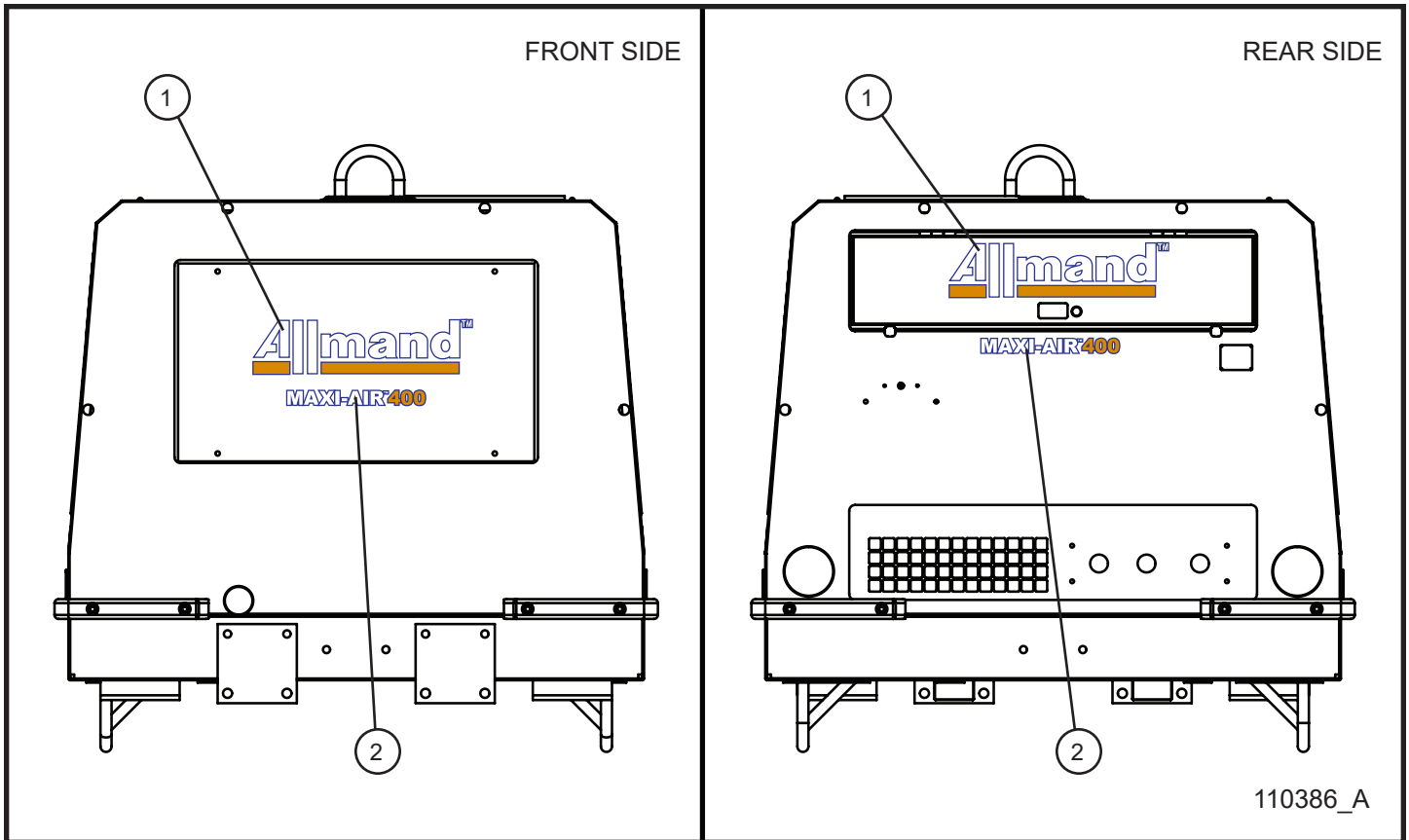
Item	Allmand No.	Part Description	Qty.
1	110262	EXCESSIVE TOWING WARNING DECAL	1
2	107462	TIE DOWN POSITION DECAL	2
3	110287	LARGE BLACK ALLMAND BRANDING DECAL	1
4	110284	MAXI-AIR 400 DECAL	1

NS - Not Shown

* * * - Contact Allmand for more information.

4.3 - Front and Rear Side Decals

SN 20-000001 to 20-000023



Maxi-Air 400

4.3 - Front and Rear Side Decals

SN 20-000001 to 20-000023

Item	Allmand No.	Part Description	Qty.
1	110285	SMALL WHITE ALLMAND BRANDING DECAL	2
2	110284	MAXI-AIR 400 DECAL	2

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* * * - Contact Allmand for more information.

Allmand™

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