



Doosan Infracore
Portable Power



PARTS MANUAL

VHP40RMD VHP40RMG

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Doosan Infracore Portable Power
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028
www.doosanportablepower.com

Book 23254873 Revision A (05/08)

Revised (01-13)

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Section A - Parts Ordering

GENERAL

This publication, which contains an illustrated parts breakdown, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. Always insist on genuine Ingersoll Rand branded parts for your unit.

Doosan Infracore Portable Power can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Portable Power service facilities and Ingersoll Rand parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

Description

The illustrated parts breakdown illustrates and lists the various assemblies, subassemblies and detailed parts which make up this particular machine. This covers the standard models and the more popular options that are available.

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front.

Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

Fasteners

Both SAE/inch and ISO/metric hardware have been used in the design and assembly of these units. In the disassembly and reassembly of parts, extreme care must be taken to avoid damaging threads by the use of wrong fasteners.

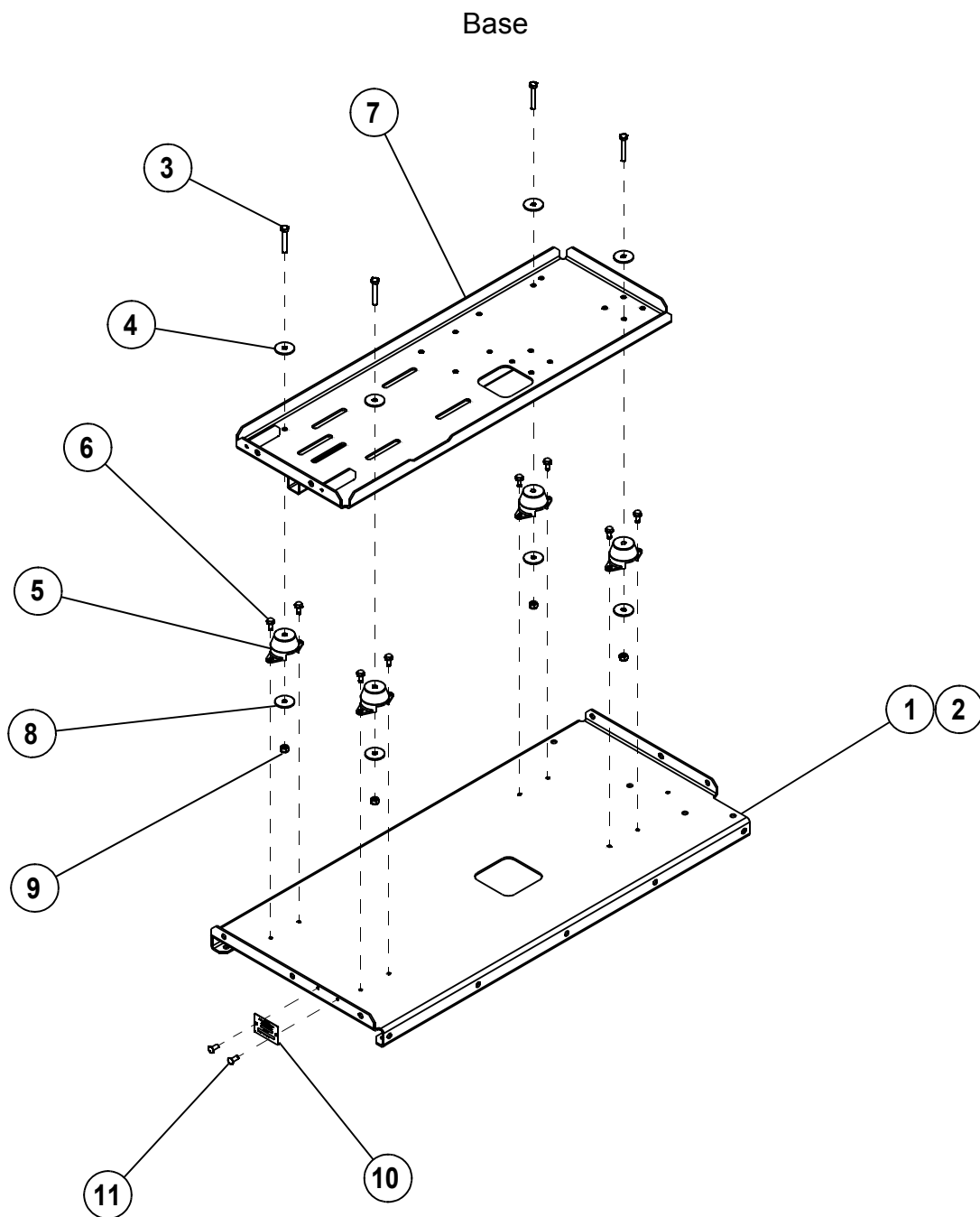
How To Order

Always specify the model and serial number of the unit.

Specify the part number and description.



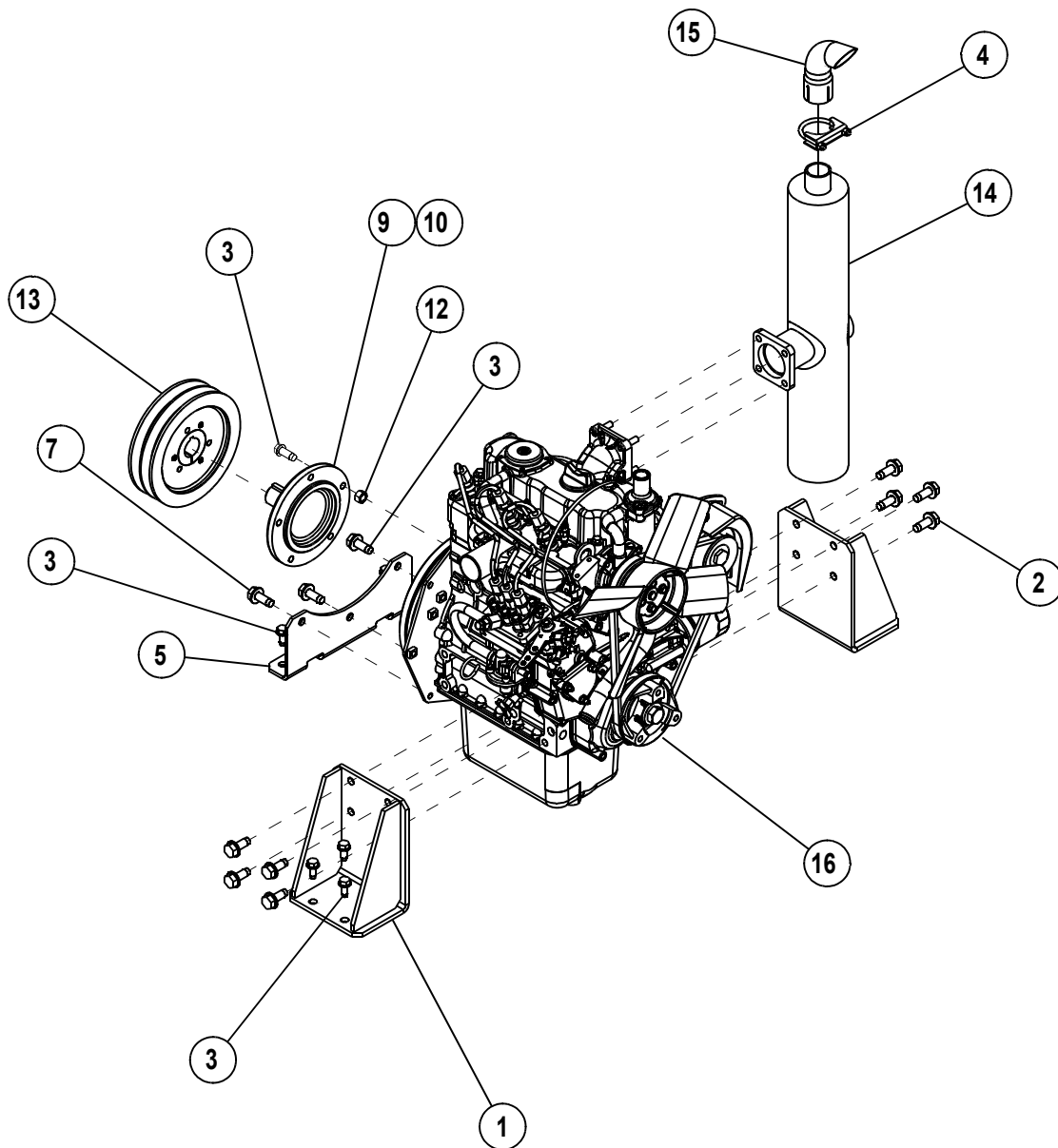
Section B - COMPRESSOR PARTS



23254873_1/08_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22642136	Base	1	
2	36895746	Nutsert, M8	20	
3	96730411	Screw, M10	4	
4	36766319	Washer	4	
5	36875565	Isolator	4	
6	35279025	Screw, M8	8	
7	22647671	Engine Sub Base	1	
8	95935037	Washer	4	
9	35273366	Nut, M10	4	
10	36523306	Serial Number Plate	1	
11	36843282	Rivet, 3/16"	2	

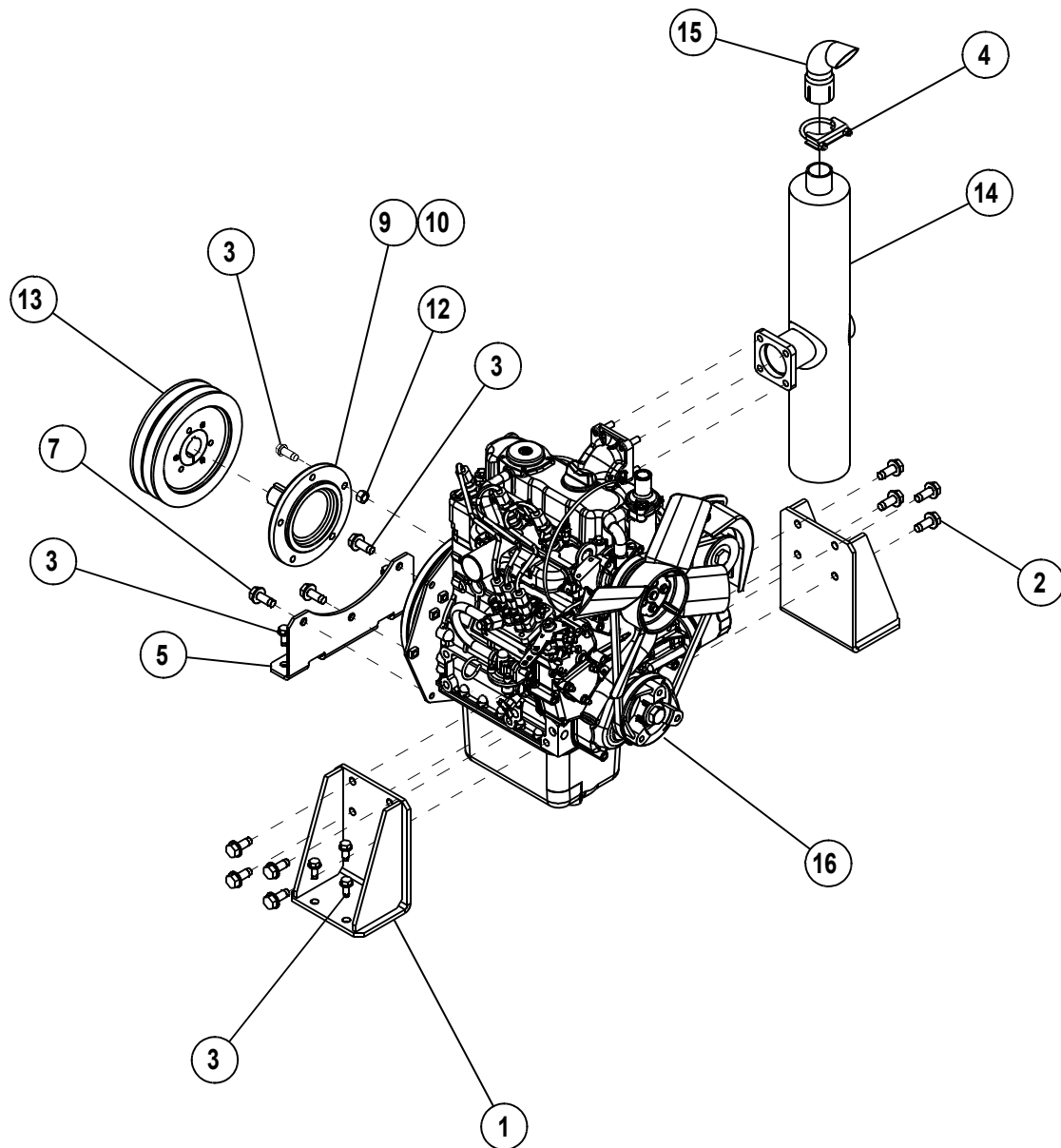
Engine



23254873_1/08_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22664981	Engine Support	2	12" (2ea), 42" Continued.....
2	96741970	Screw, M8	8	
3	36889608	Screw, M8	20	
4	35369743	Clamp	1	
5	22806632	Engine Rear Brace	1	
6	35363498	Fuel Hose (Not Shown)	3	
7	96727193	Screw, M8	2	
8	35296342	Clamp (Not Shown)	6	
9	22642128	Stub Shaft	1	

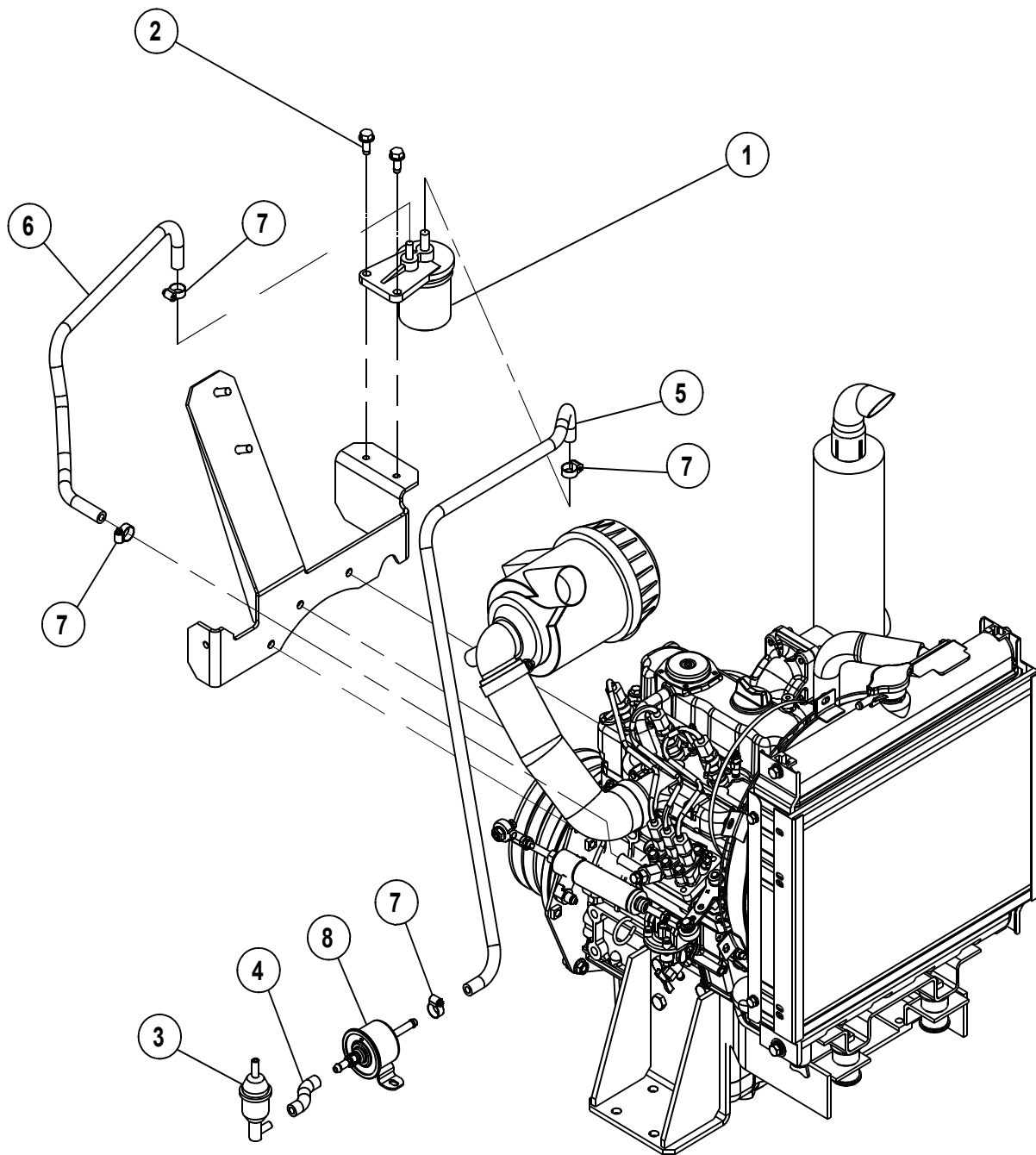
Engine



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
10	95340428	Key	1	 Continued
11	95264776	Hose Clamp (Not Shown)	2	
12	96749874	Washer	5	
13	22922132	Drive Pulley Assembly	1	
14	22829139	Muffler	1	
15	22829733	Muffler Elbow	1	
16	22647655	Kubota D7 Engine	1	Serial Code: D06
	23204118	Kubota D7 Engine	1	Serial Code: D64

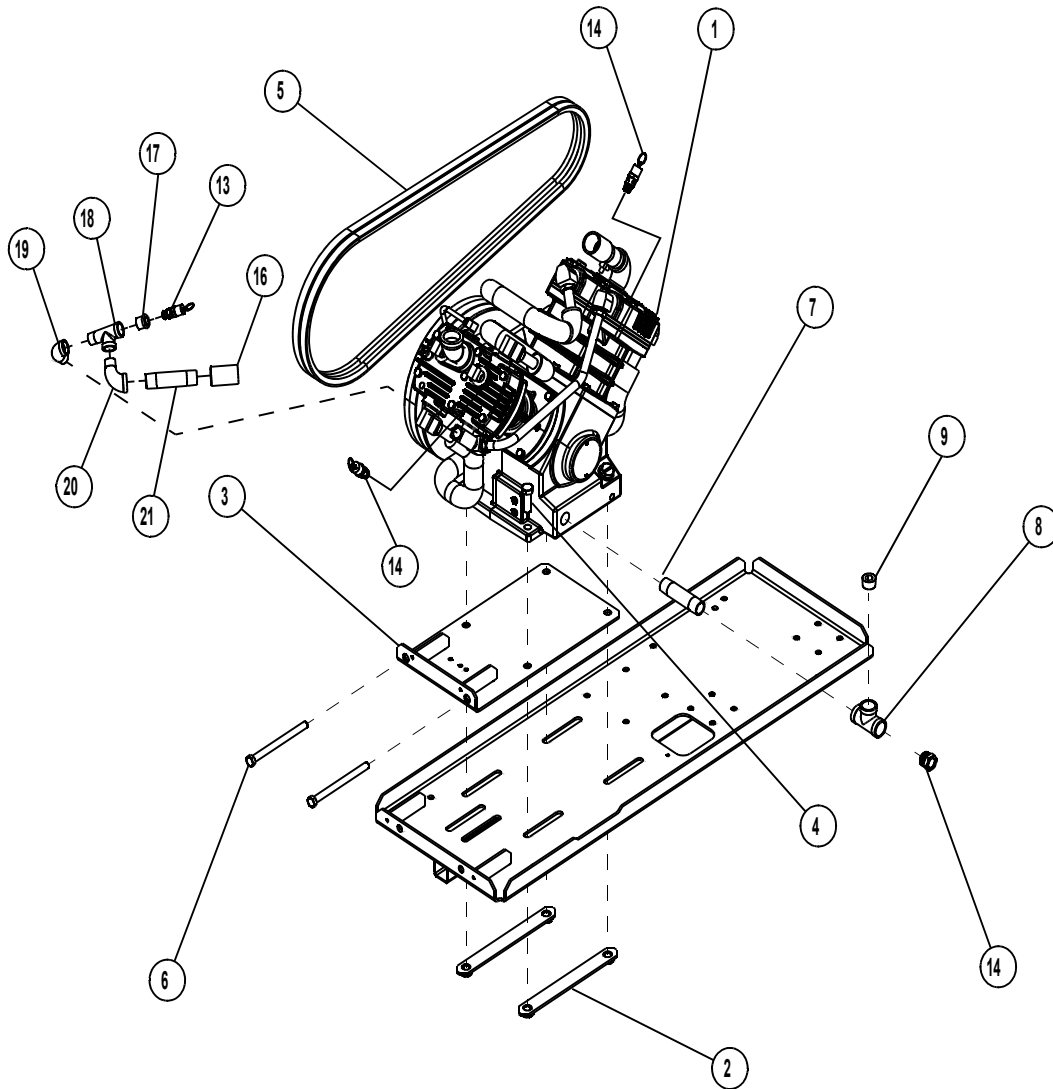
Fuel Filter



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36870566	Fuel Filter	1	
2	35279025	Screw, M8	2	
3	36845493	Filter, Fuel	1	
4	35363498	Hose, Fuel	1	2"
5	35363498	Hose, Fuel	1	38"
6	35363498	Hose, Fuel	1	22"
7	TBD	Clamp, Hose	4	
8	TBD	Pump, Fuel Lift	1	

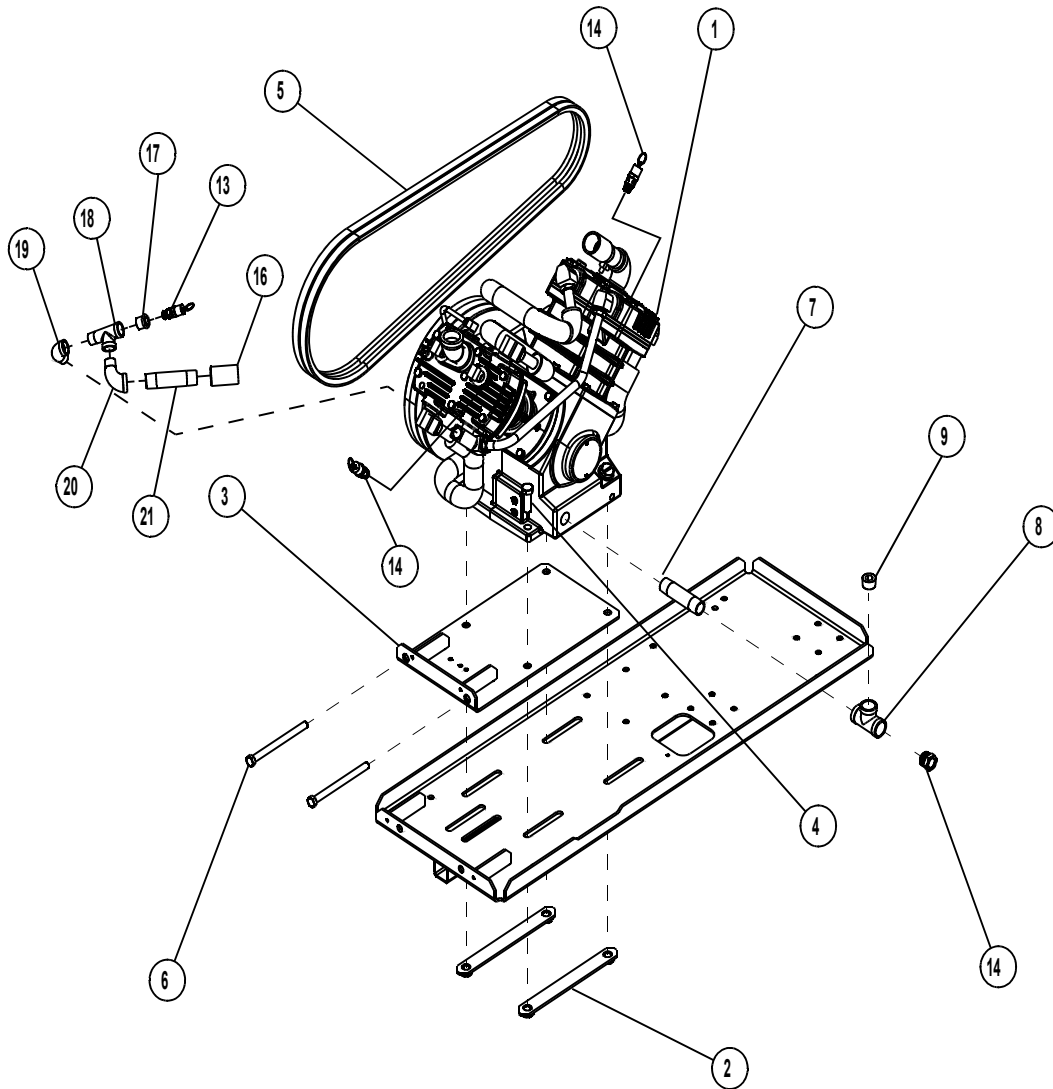
Air End



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	16545006	Air End, TS10 Bare	1	Continued.....
2	22677967	Plate	2	
3	22647663	Belt Tension Plate	1	
4	96719810	Screw, M14	4	
5	22934475	Drive Belt	1	
6	96740279	Screw, M12	2	
7	95330395	Nipple	1	
8	95954210	Tee	1	
9	95947149	Plug	1	
10	32247942	U-bolt Clamp	3	

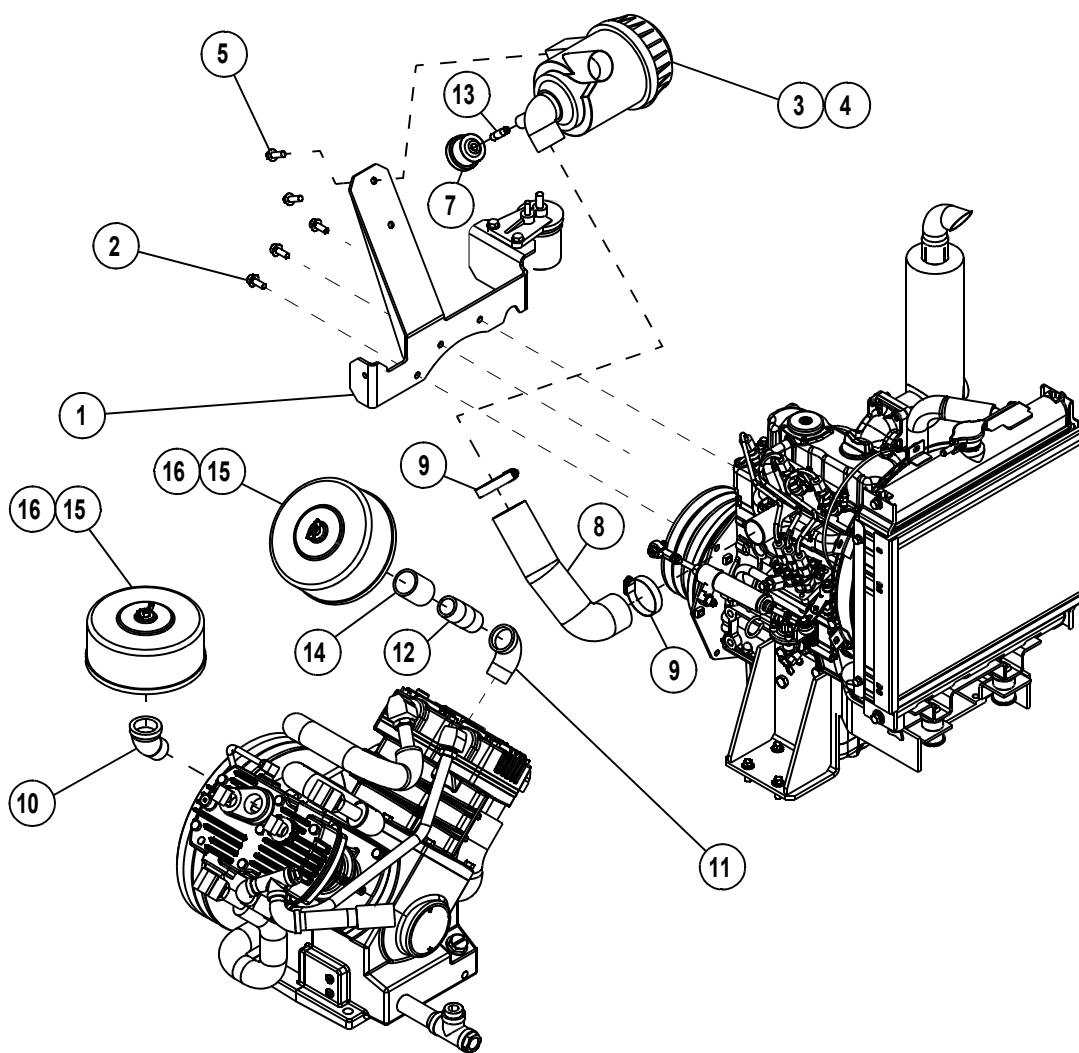
Air End



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
10	32247942	U-bolt Clamp	3	Continued
11	95923298	Nut	6	
12	96701743	Nut, M12	2	
13	32174286	Safety Valve	1	
14	72062185	Valve, Safety	2	
15	97332740	Sightglass, Oil	1	
16	95953477	Coupling	1	
17	95944625	Bushing, Reducing	1	
18	95944708	Tee, Street	1	
19	95928164	Elbow, Street	1	
20	95380077	Elbow, Street Reducing	1	
21	95330395	Nipple	1	

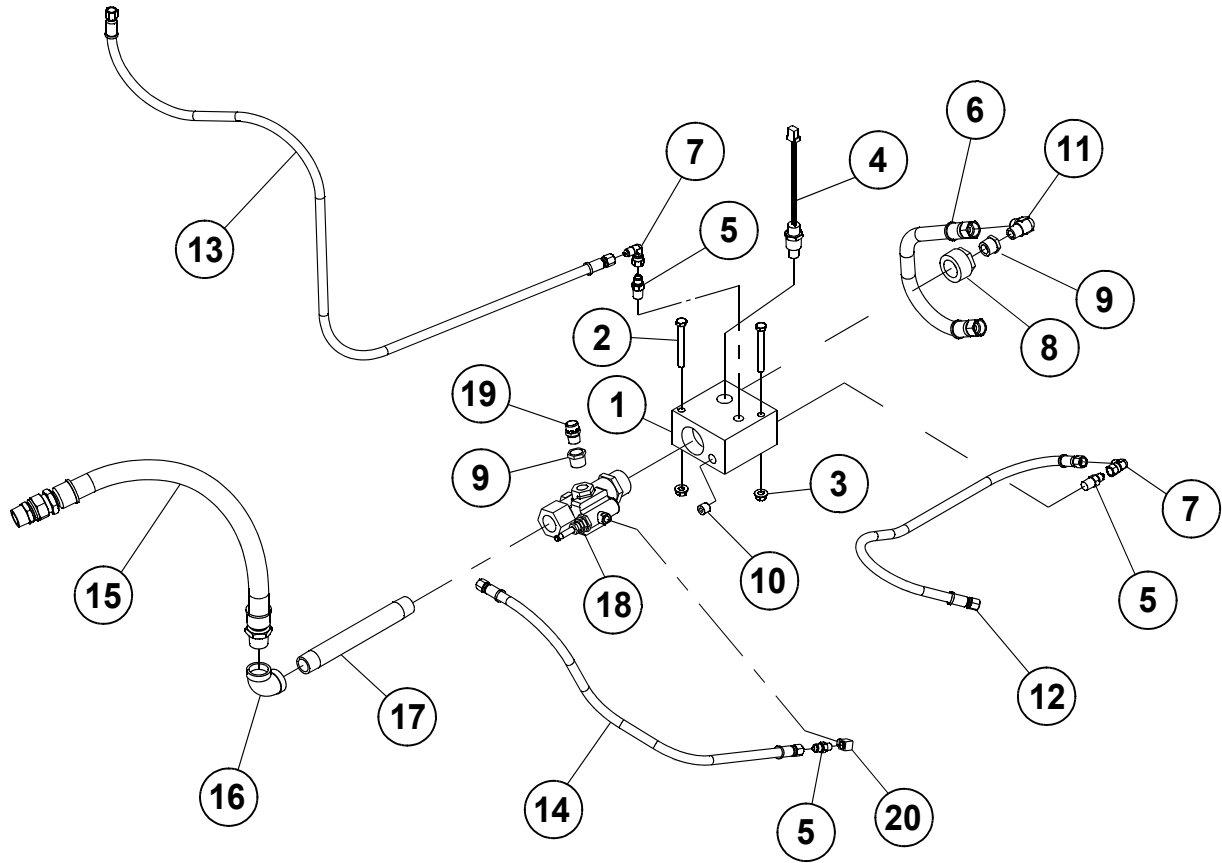
Air Intake



23254873_1/08_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23252315	Filter Support	1	
2	96727193	Screw, M8	3	
3	22173561	Air Cleaner	1	
4	36890135	Primary Filter (Not Shown)	1	
5	36889608	Screw, M8	2	
6	95946059	Nipple	1	
7	35300615	Restriction Indicator	1	
8	23252331	Engine Air Hose	1	
9	35221662	Clamp	2	
10	95069431	Elbow	1	
11	95928180	Elbow	1	
12	95933230	Nipple	1	
13	95946059	Nipple	1	
14	95951414	Coupling	1	
15	32170953	Air Cleaner Assembly	2	
16	32170979	Element, Air Cleaner	2	

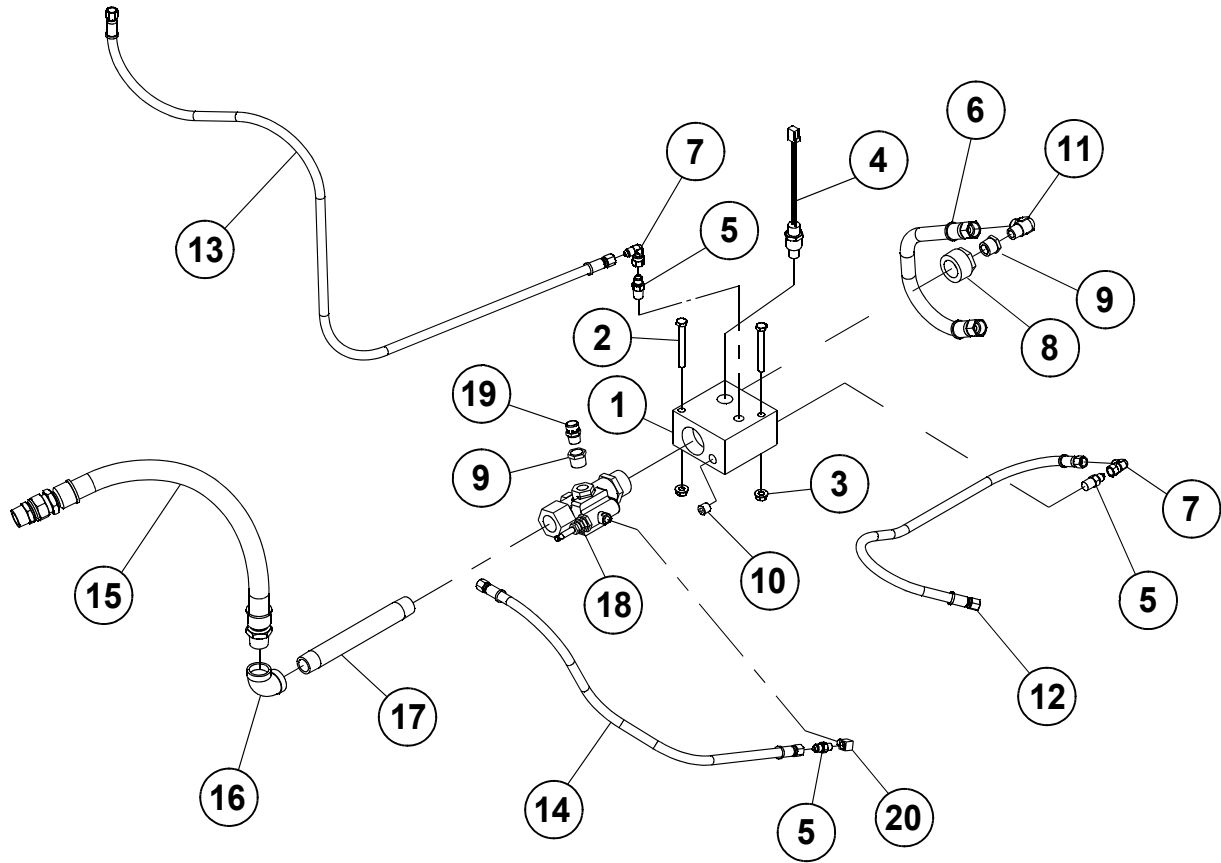
Air Piping



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22365712	Discharge Manifold	1	Continued.....
2	36786382	Screw, M8	2	
3	36881886	Nut, M8	2	
4	22905947	Temperature Switch	1	
5	35283472	Connector	3	
6	35252782	Hose Asm	1	
7	35290352	Elbow	2	
8	95940912	Bushing	1	
9	95952248	Bushing	2	
10	95928230	Plug	1	
11	35287118	Elbow	1	

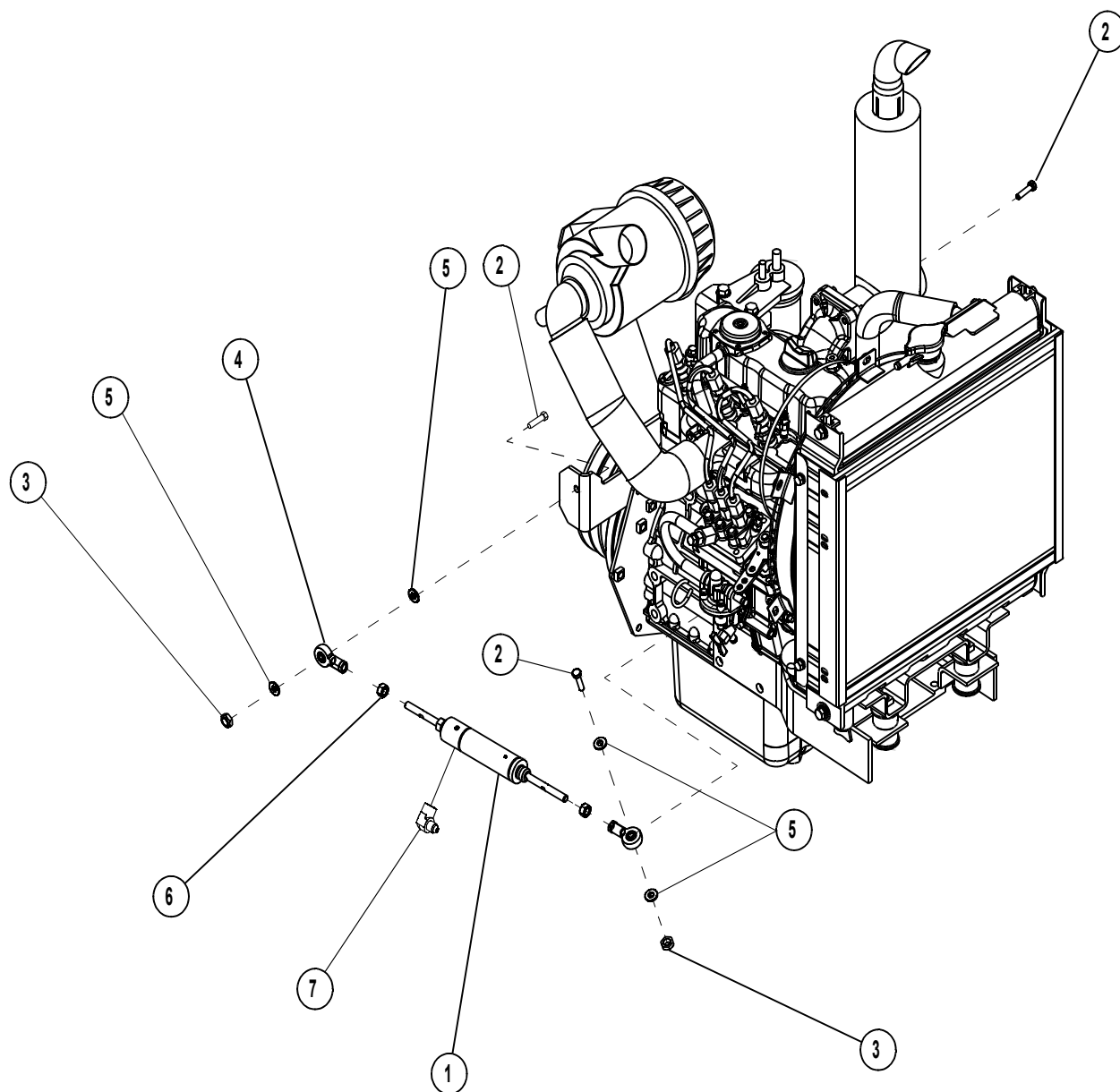
Air Piping



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	35282920	Hose Asm	1	Continued
13	35283480	Hose Asm	1	
14	35315407	Hose Asm	1	
15	22392757	Hose Asm	1	
16	95941241	Elbow	1	
17	95942785	Nipple	1	
18	22888416	Unloader Valve	1	
19	22922561	Unloader Muffler	1	
20	95305736	Elbow	1	

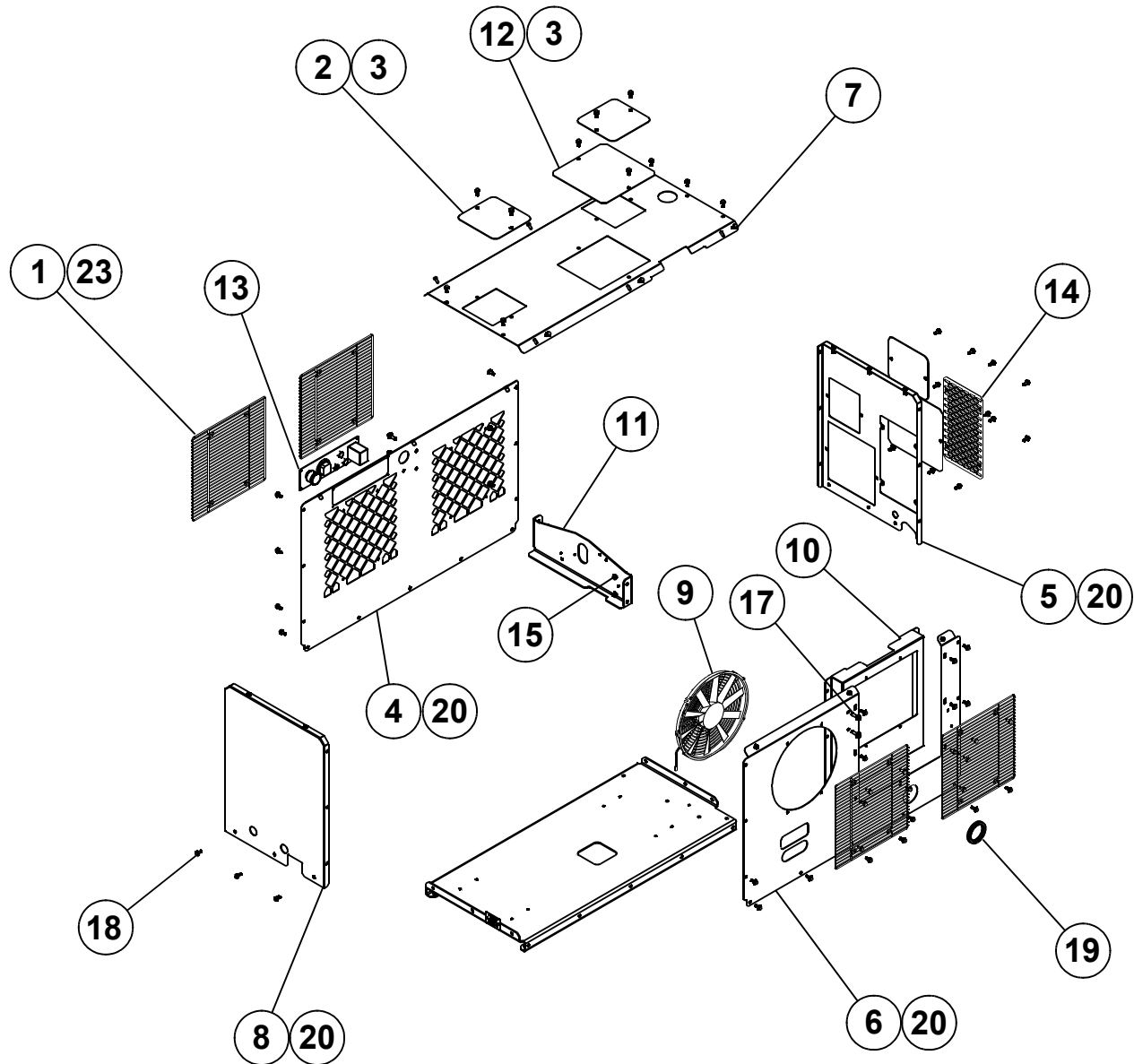
Regulation



23254873_1/08_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35592435	Pneumatic Cylinder	1	
2	96701461	Screw, M6	2	
3	36769032	Nut, M6	2	
4	35328467	Rod Bearing	2	
5	95935029	Washer	2	
6	95923074	Nut	2	
7	35306687	Elbow	1	

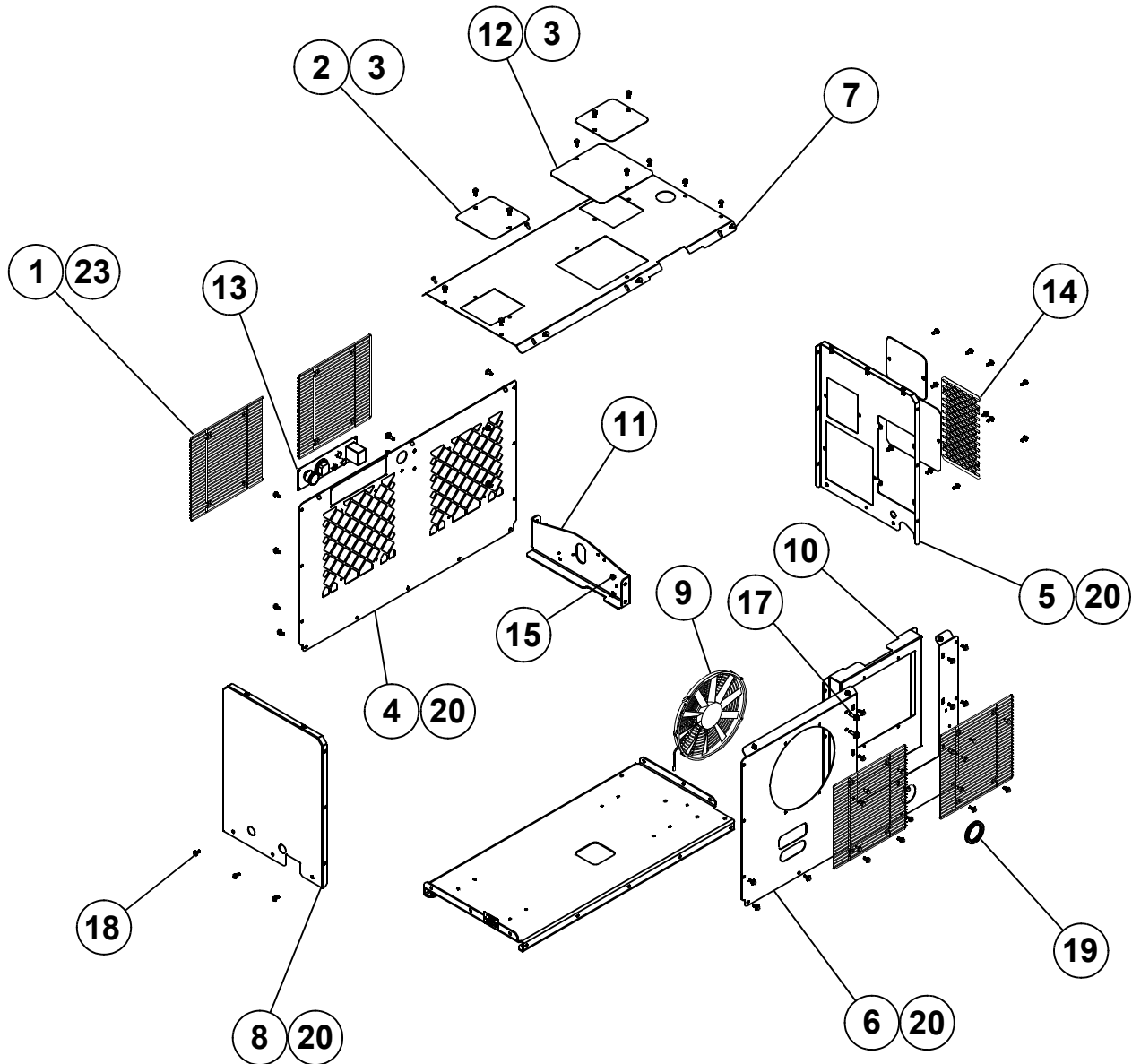
Enclosure



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22359491	Fan Guard	4	<i>Continued.....</i>
2	22384184	Access Panel	3	
3	22617666	Rubber Seal	AR	
4	22642144	Pulley Side Panel	1	
5	22642151	Engine End Panel	1	
6	22642169	Fan Exhaust Panel	1	
7	22642171	Roof Panel	1	
8	22642185	Compressor Panel	1	
9	22642920	Axial Motor Fan	1	
10	22776256	Cooling Extension	1	
11	22779706	Lifting Bale	1	
12	22781900	Access Panel	2	

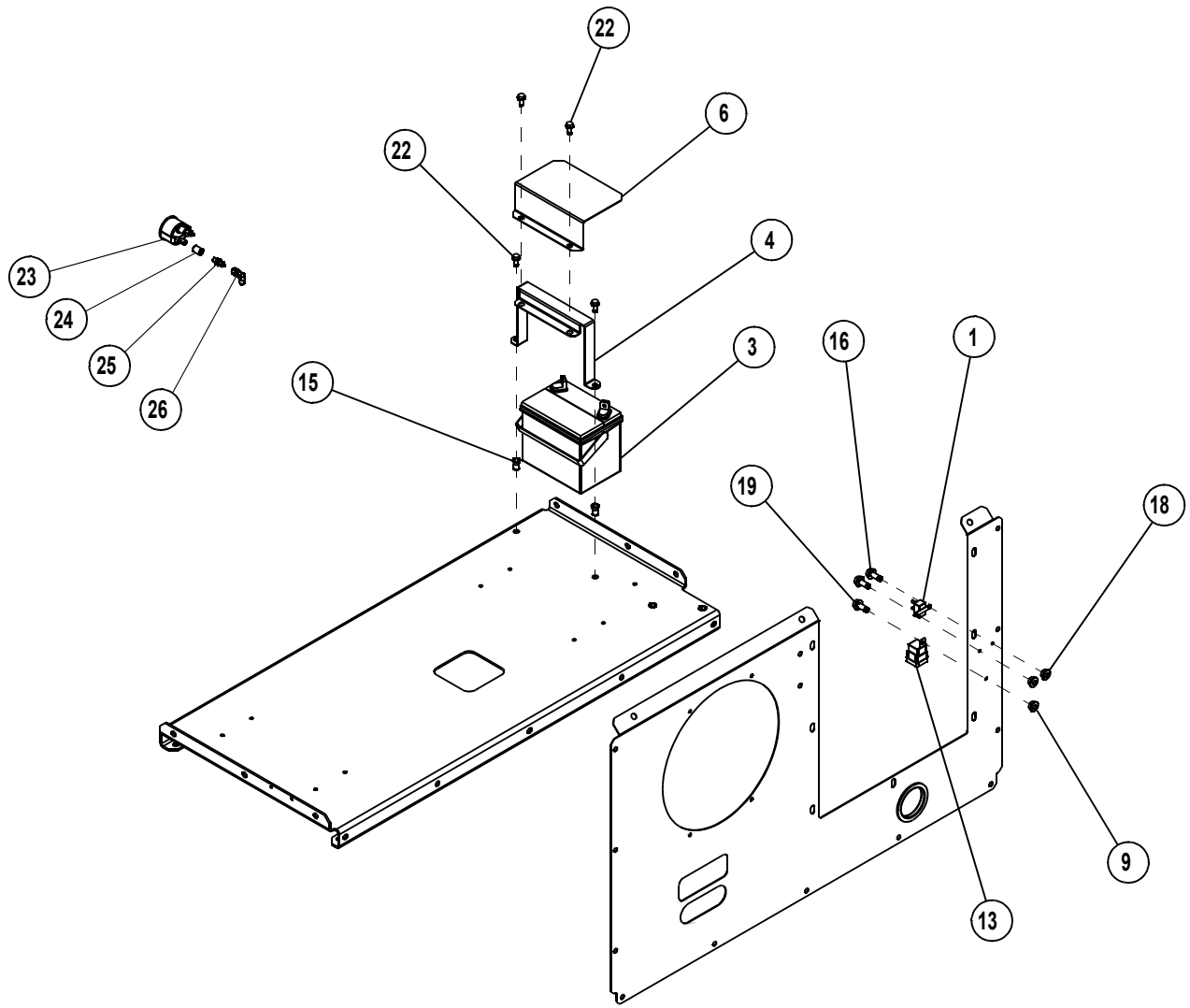
Enclosure



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22845887	Instrument Panel	1	Continued
14	22917579	Access Panel	1	
15	35273366	Nut, M10	4	
16	35279025	Screw, M8	4	
17	36880995	Screw, M10	4	
18	96727193	Screw, M8	60	
19	36895217	Grommet	1	
20	36895746	Nutsert, M8	44	
21	36898104	Nut, M6	16	
22	96701461	Screw, M6	4	
23	96705777	Screw, M6	12	

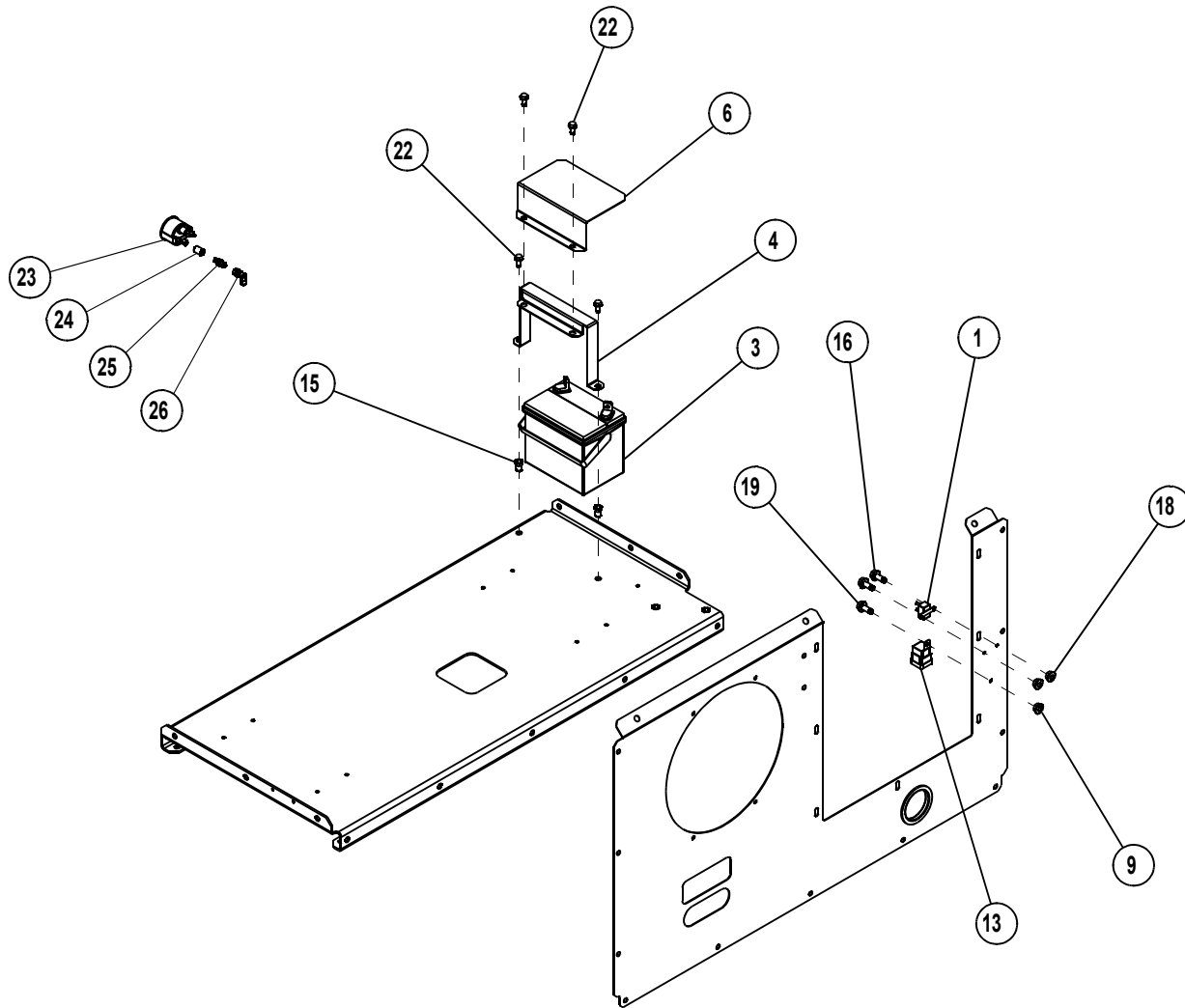
Electrical



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22275531	Circuit Breaker	1	<i>Continued.....</i>
2	22451249	Ground Strap	1	
3	22660567	Battery	1	
4	22782213	Battery Hold-Down	1	
5	22846299	Wiring Harness	1	
6	22915599	Heat Shield	1	
7	22941033	Bed Battery Cable	1	
8	22941041	Black Battery Cable	1	
9	35144492	Nut	1	
10	35279025	Screw, M8	1	
11	35283480	Hose	1	

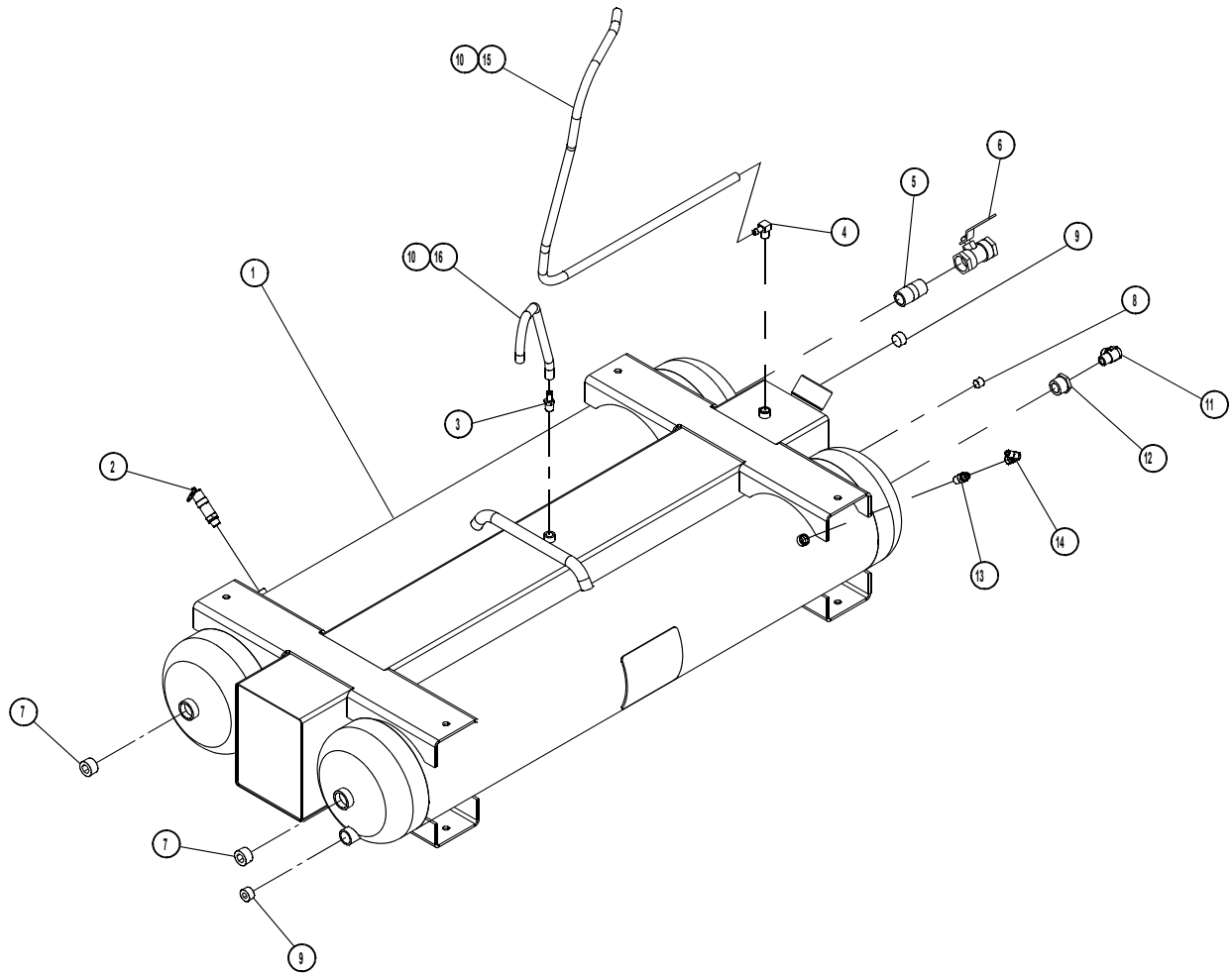
Electrical



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	35290352	Elbow	1	Continued
13	36878361	Weatherproof Relay	1	
14	36881886	Nut, M8	3	
15	36895746	Nutsert, M8	2	
16	95095659	Screw	2	
17	95287629	Adapter	1	
18	95923041	Nut	2	
19	95934816	Screw	1	
20	95935599	Coupling	1	
21	96702824	Screw, M8	1	
22	96727193	Screw, M8	6	
23	36891216	Gauge, Pressure	1	
24	95935599	Coupling	1	
25	95287629	Adapter	1	
26	35290352	Elbow, 90 Deg.	1	

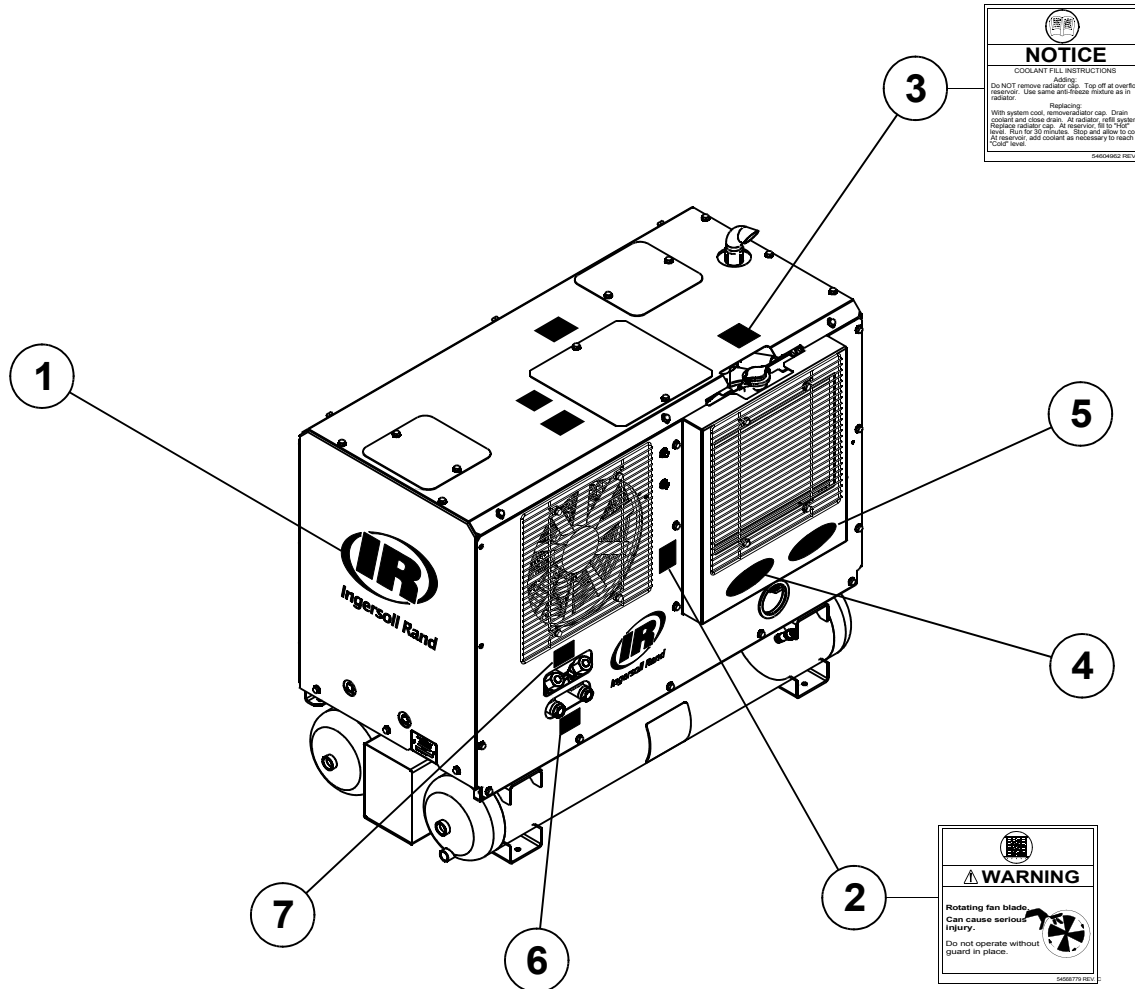
Fuel / Air Vessel



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22671408	Fuel/Air Vessel	1	
2	39588074	Pressure Relief Valve	1	
3	35369511	Adapter	1	
4	35378538	Elbow	1	
5	95953576	Nipple	1	
6	35576115	Ball Valve	1	
7	95947149	Plug	2	
8	95928230	Plug	2	
9	95528255	Plug	2	
10	35296342	Clamp	4	
11	35283118	Elbow	2	
12	95953956	Bushing	1	
13	35283472	Connector	1	
14	35290352	Elbow	1	
15	35363498	Hose	1	42"
16	35363498	Hose	1	12"

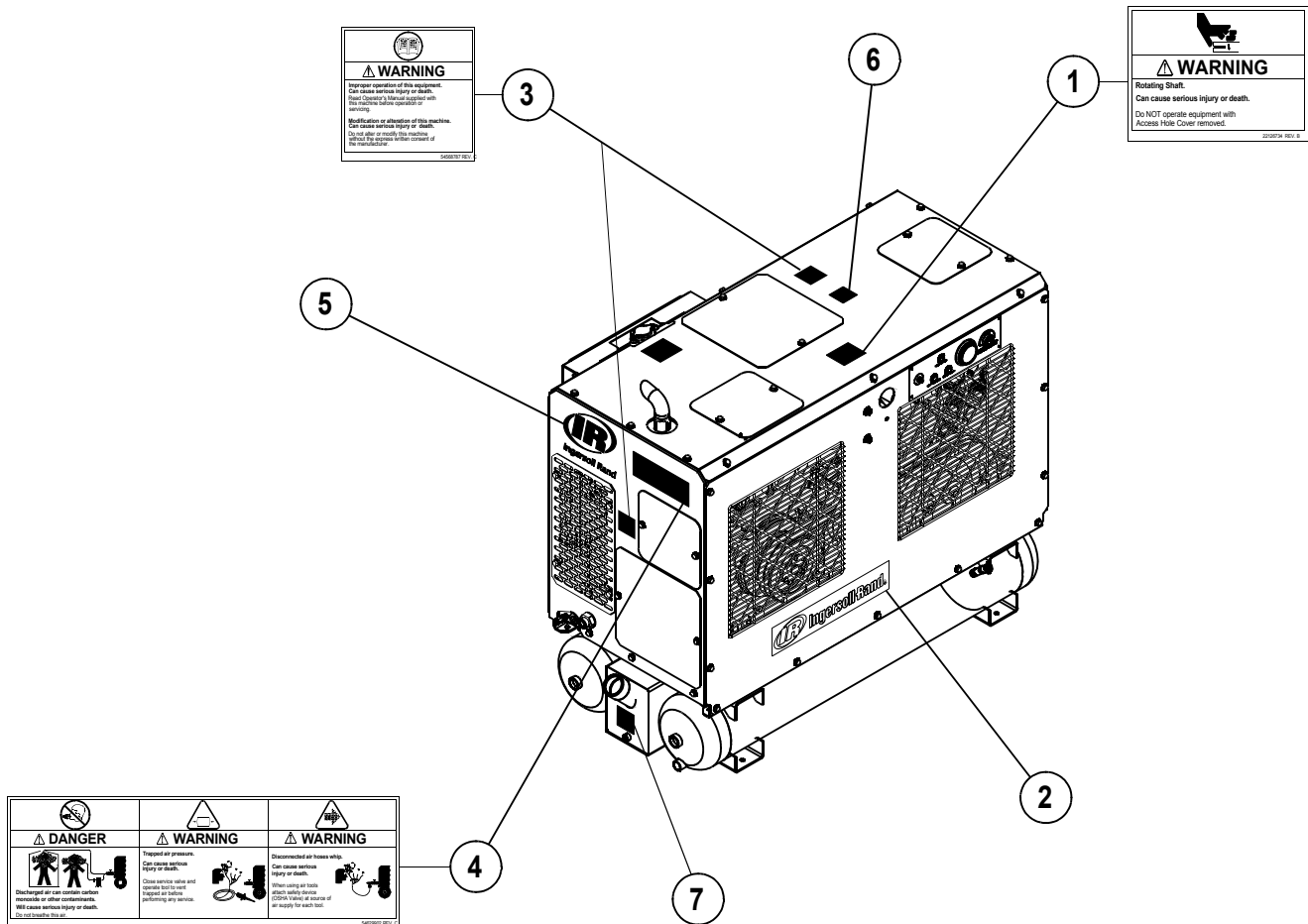
Decal Location Front View



23254873_1/08_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22895247	Swoosh 12.25"	1	
2	54568779	ISO Rotating Fan	2	
3	54604962	ISO Hot Radiator	1	
4	54640008	IR Engine	1	
5	54640024	IR Genuine Parts	1	
6	93171239	Engine Oil	2	
7	93178945	Oil Fill System	2	

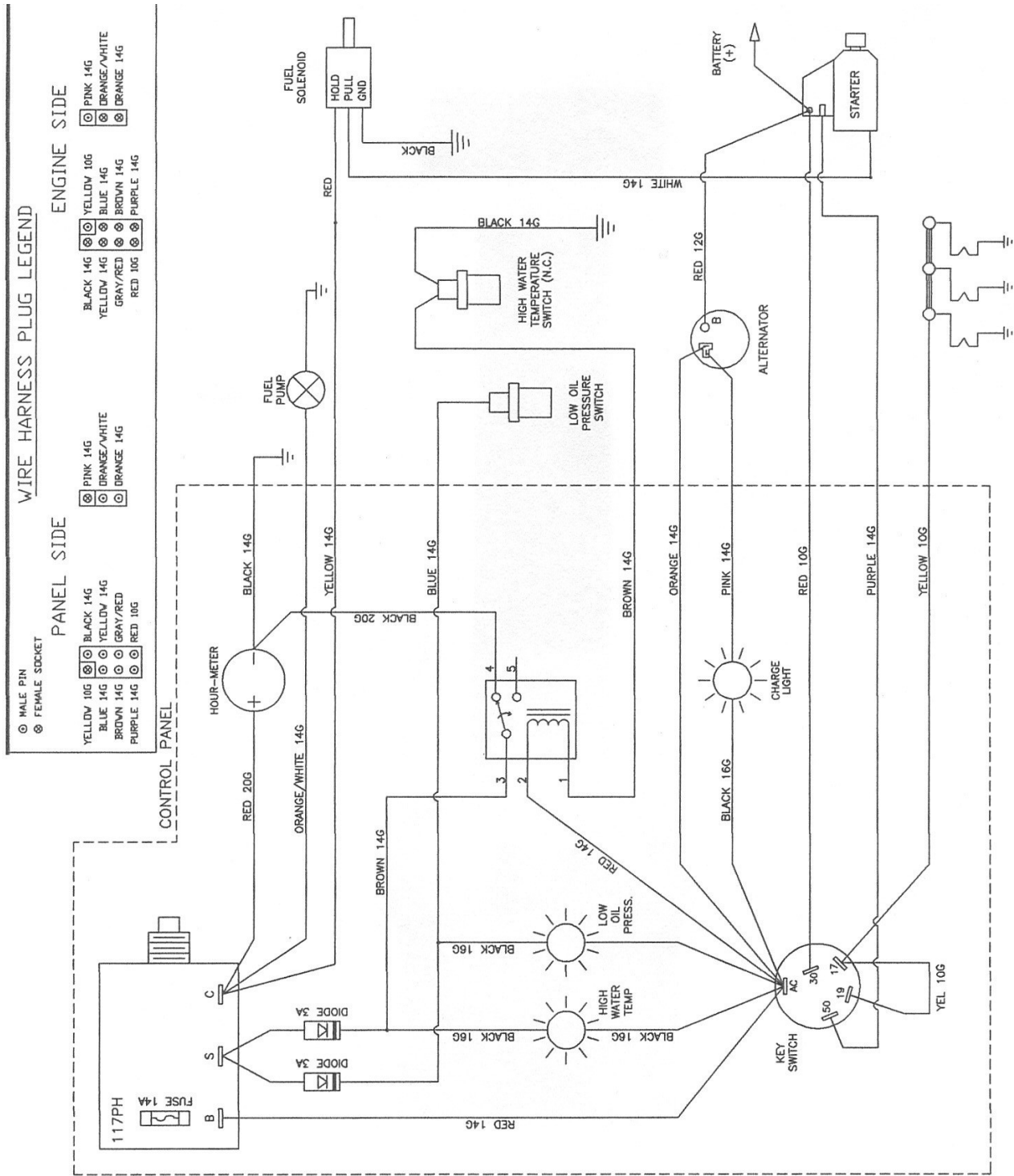
Decal Location Rear View



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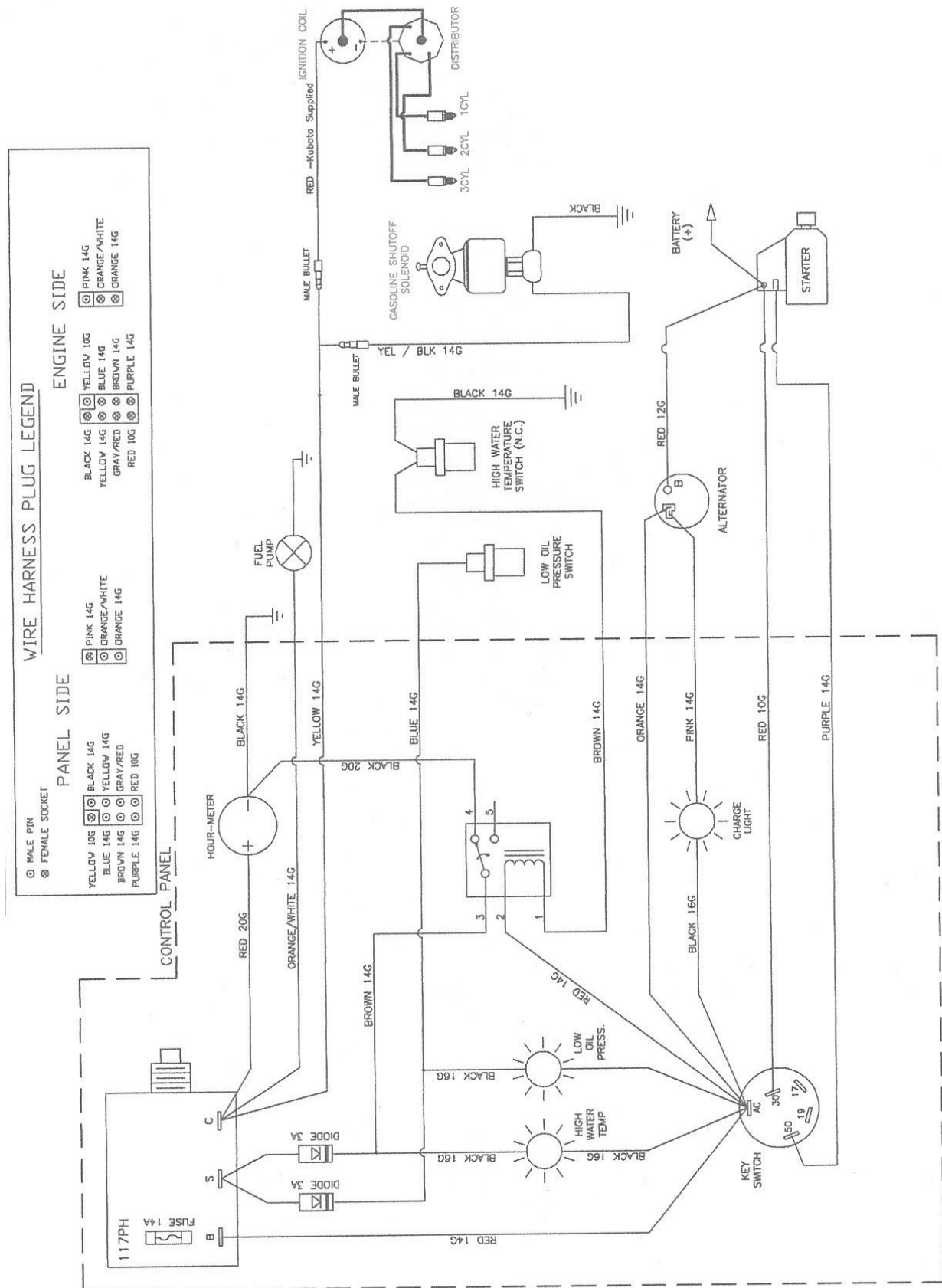
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22126734	Warning Decal	2	
2	22469654	24" IR Logo	1	
3	54568787	ISO Improper Operation	2	
4	54629902	ISO Horizontal 3-part	1	
5	54672175	5" IR Swoosh	1	
6	54699400	ISO Lift Point	1	
7	54625207	Decal, Diesel Fuel	1	

Engine Harness - Diesel



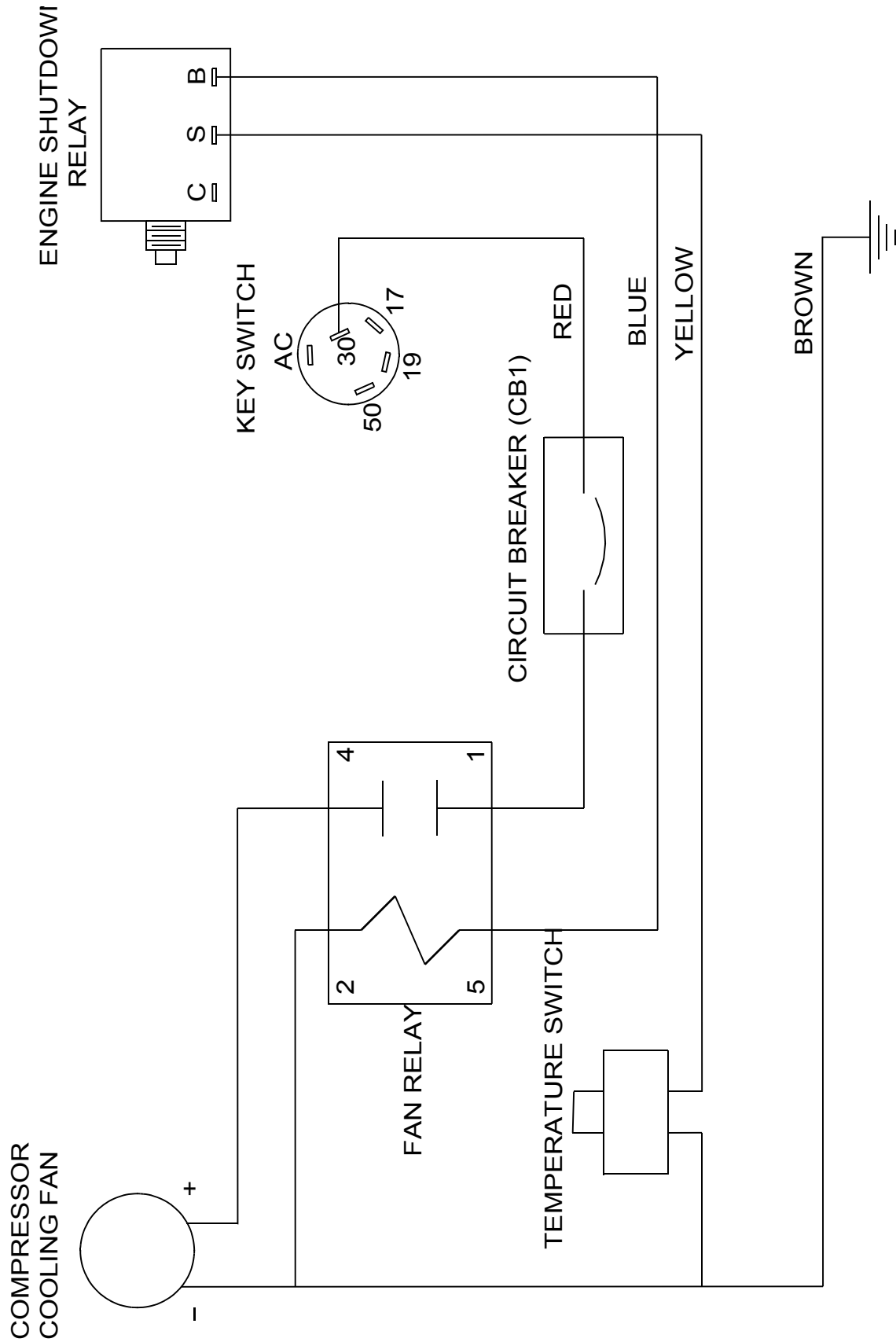
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Engine Harness - Gas



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Compressor Harness



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Doosan Infracore Portable Power
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028
www.doosanportablepower.com