



PARTS MANUAL

COMPRESSOR MODEL

HP60CMH

Code: ~



Doosan Infracore
Portable Power

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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 Company parts for your compressor.

Ingersoll-Rand Company can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Ingersoll-Rand Company service facilities and parts are available worldwide. Consult local yellow pages or visit: www.portablepower.irco.com.

Special order parts may not be included in this manual. Contact the Mocksville 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

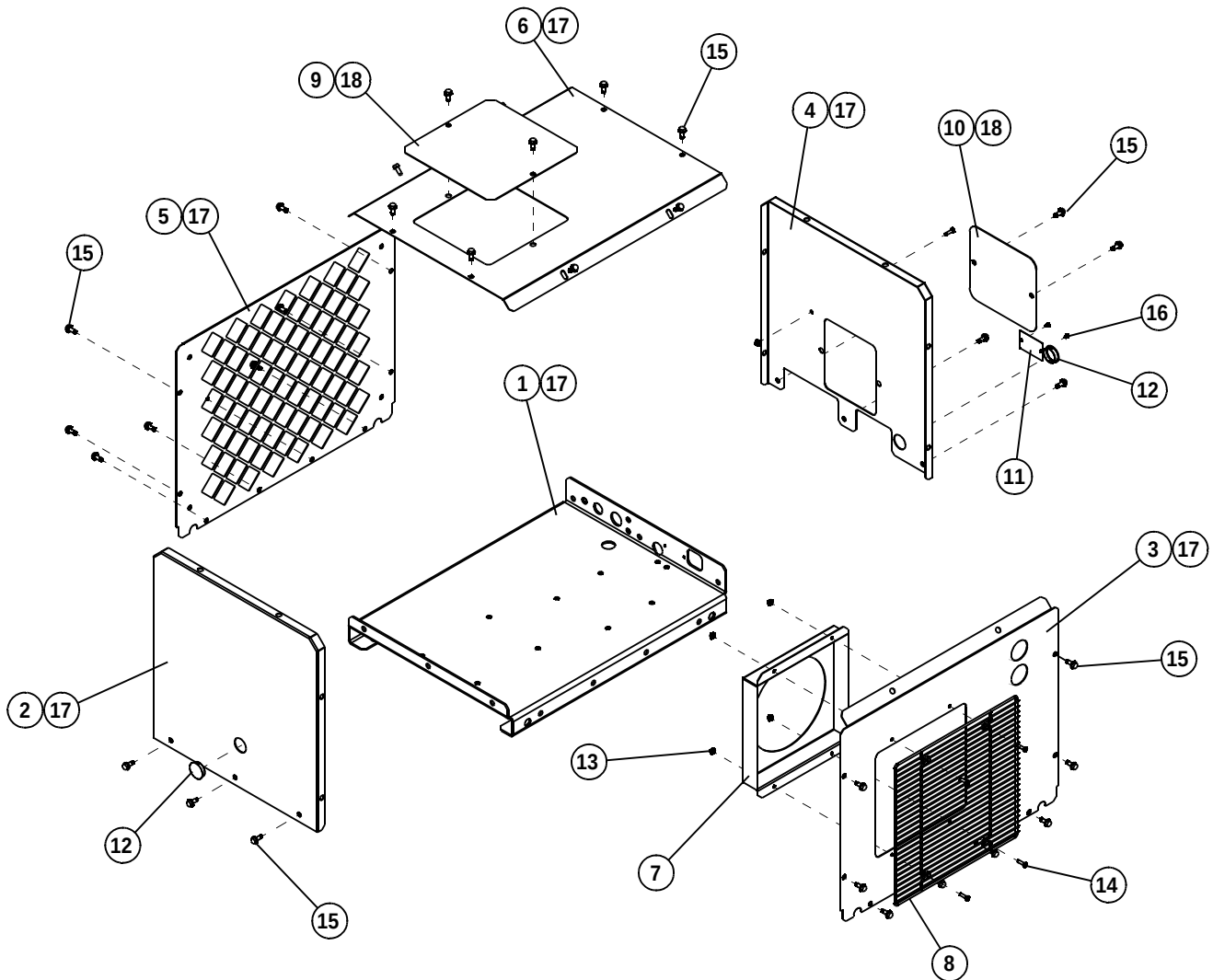
Always specify the model and serial number of the unit.

Specify the part number and description.

Section B - COMPRESSOR PARTS



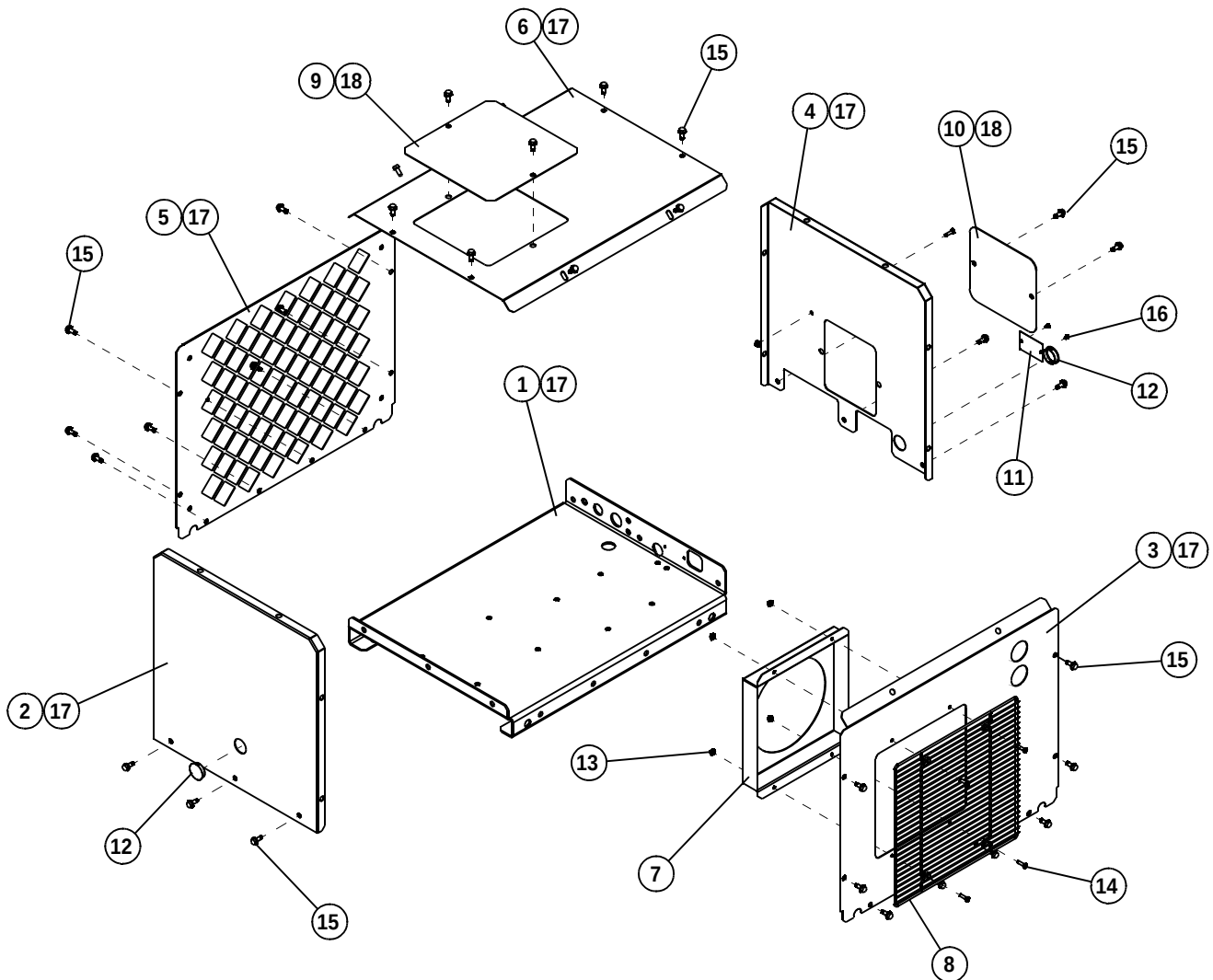
Base and Enclosure



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22992598	Base	1	
2	22992630	Right Panel	1	
3	22992606	Rear Panel	1	
4	22992622	Left Panel	1	
5	22992648	Front Panel	1	
6	22992614	Top Panel	1	
7	22997159	Fan Shroud	1	
8	22359491	Fan Guard	1	
9	22781900	Access Panel	1	
				<i>Continued.....</i>

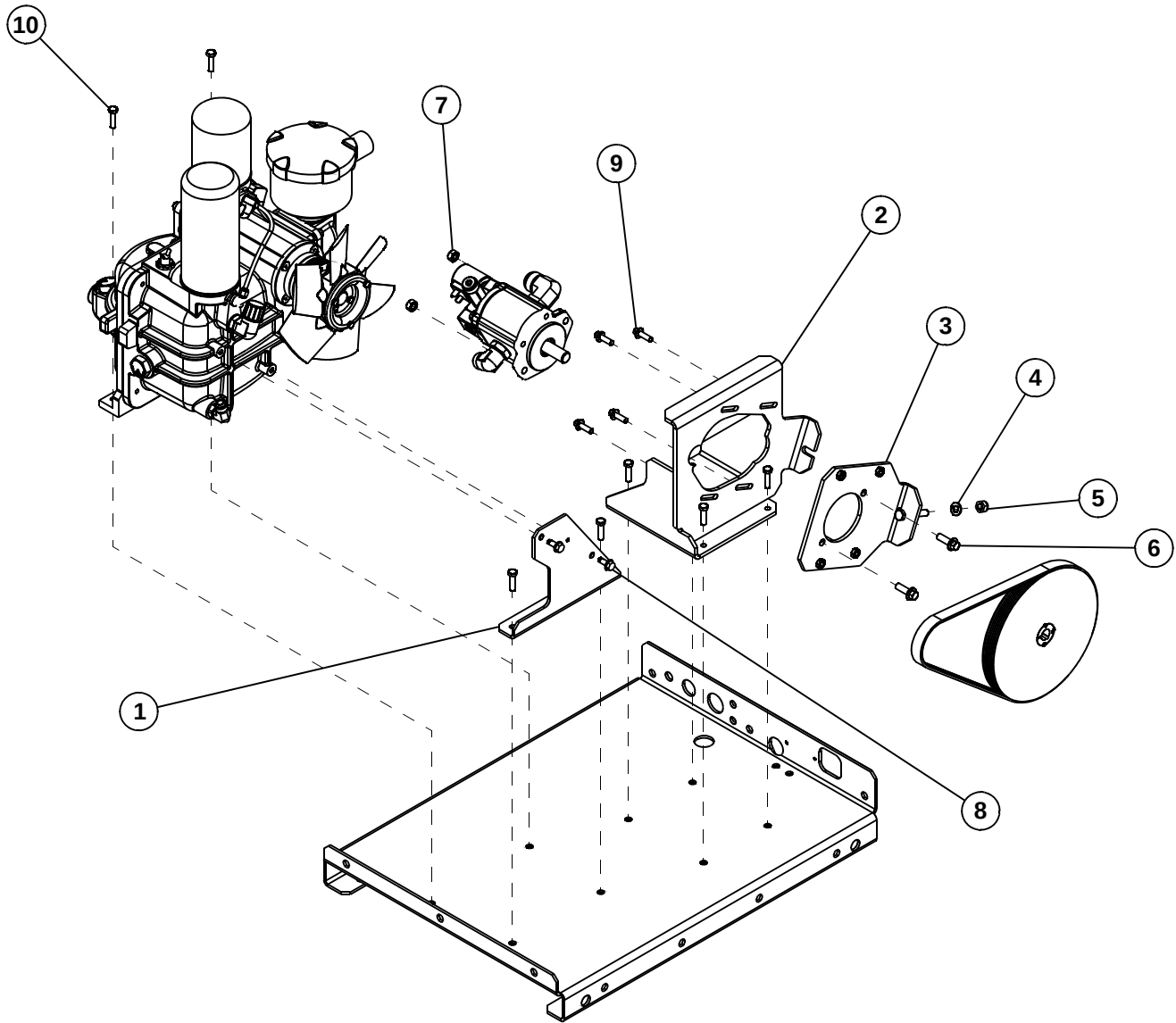
Base and Enclosure



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
10	22384184	Access Panel	1	Continued
11	36523306	Serial Number Plate	1	
12	35285543	Plug	2	
13	36898104	Nut, M6	4	
14	36769024	Screw, M6 X 20	4	
15	96727193	Screw, M8-1.25 X 20	34	
16	36843282	Rivet, .19 Dia.	2	
17	36895746	Nutsert, M8-1.25	34	
18	22617666	Rubber Seal, 3 X 10MM	AR	

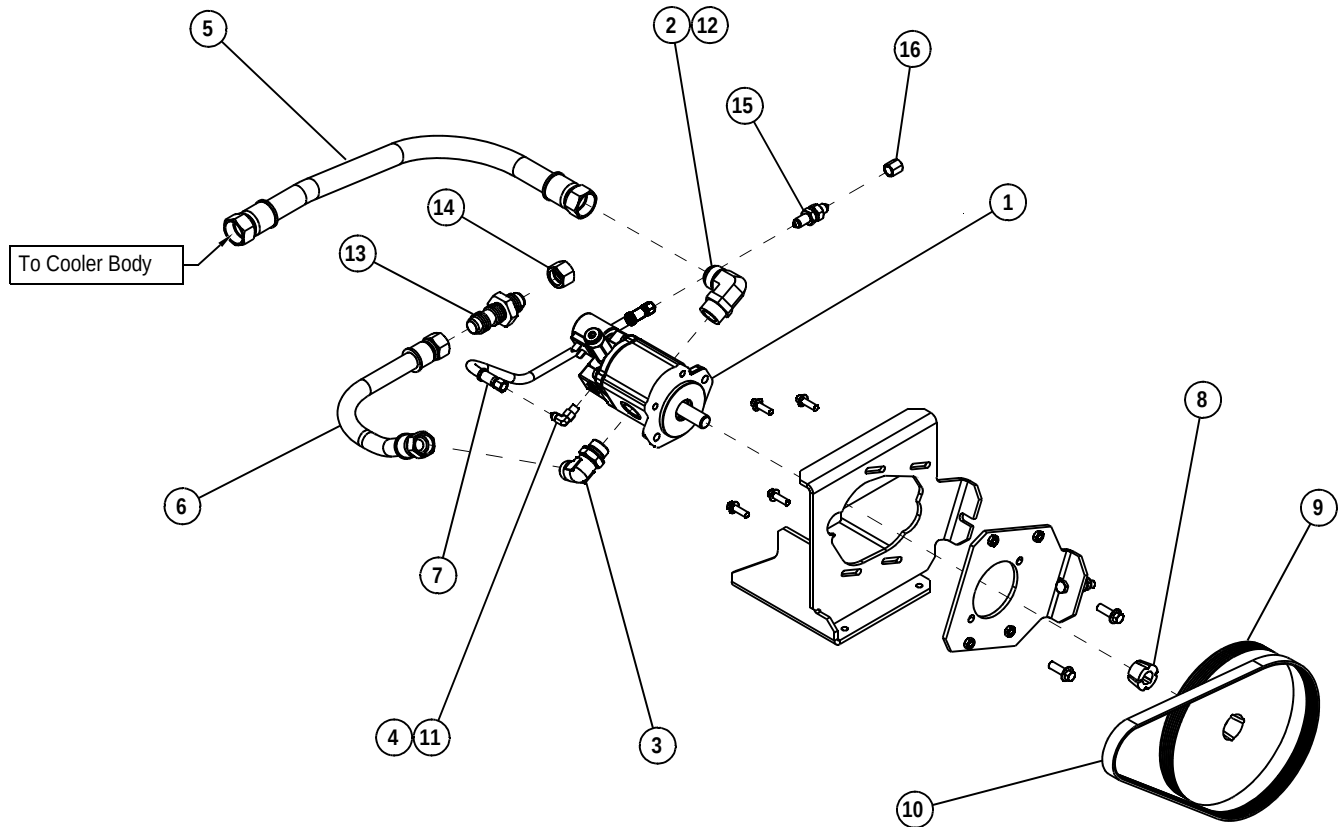
Mounting with Base



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23073547	Airend Support	1	
2	22999510	Motor Mounting Base	1	
3	23009012	Belt Tensioning Plate	1	
4	95935037	Washer	1	
5	35273366	Nut, M10-1.5	1	
6	36880995	Screw, M10 X 30	2	
7	36879195	Nut, M10	2	
8	96727193	Screw, M8-1.25 X 20	2	
9	36889608	Screw, M8 X 25	4	
10	35271162	Screw, M8 X 30	8	

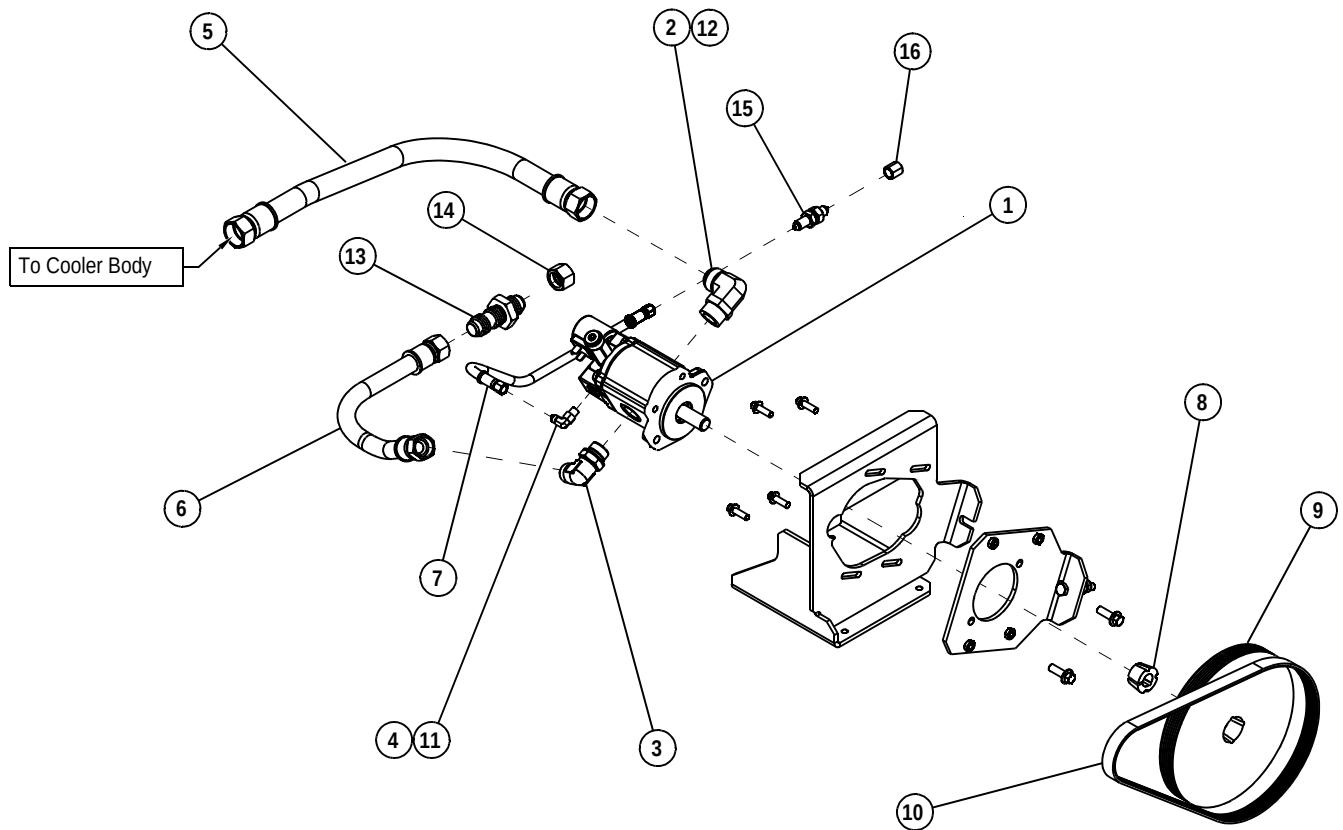
Hydraulic Motor



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22999882	Hydraulic Motor	1	<i>Continued.....</i>
2	35291384	Elbow, 1-5/16-12UN	1	
3	35294750	Elbow, 1.06SAE X -12JIC	1	
4	35279876	Elbow, 7/16-20UN	1	
5	35227909	Hose	1	
6	23068778	Hose	1	
7	35283241	Scavenge Hose	1	
8	23002355	Taper Lock Bushing	1	
9	23002348	Motor Sheave	1	

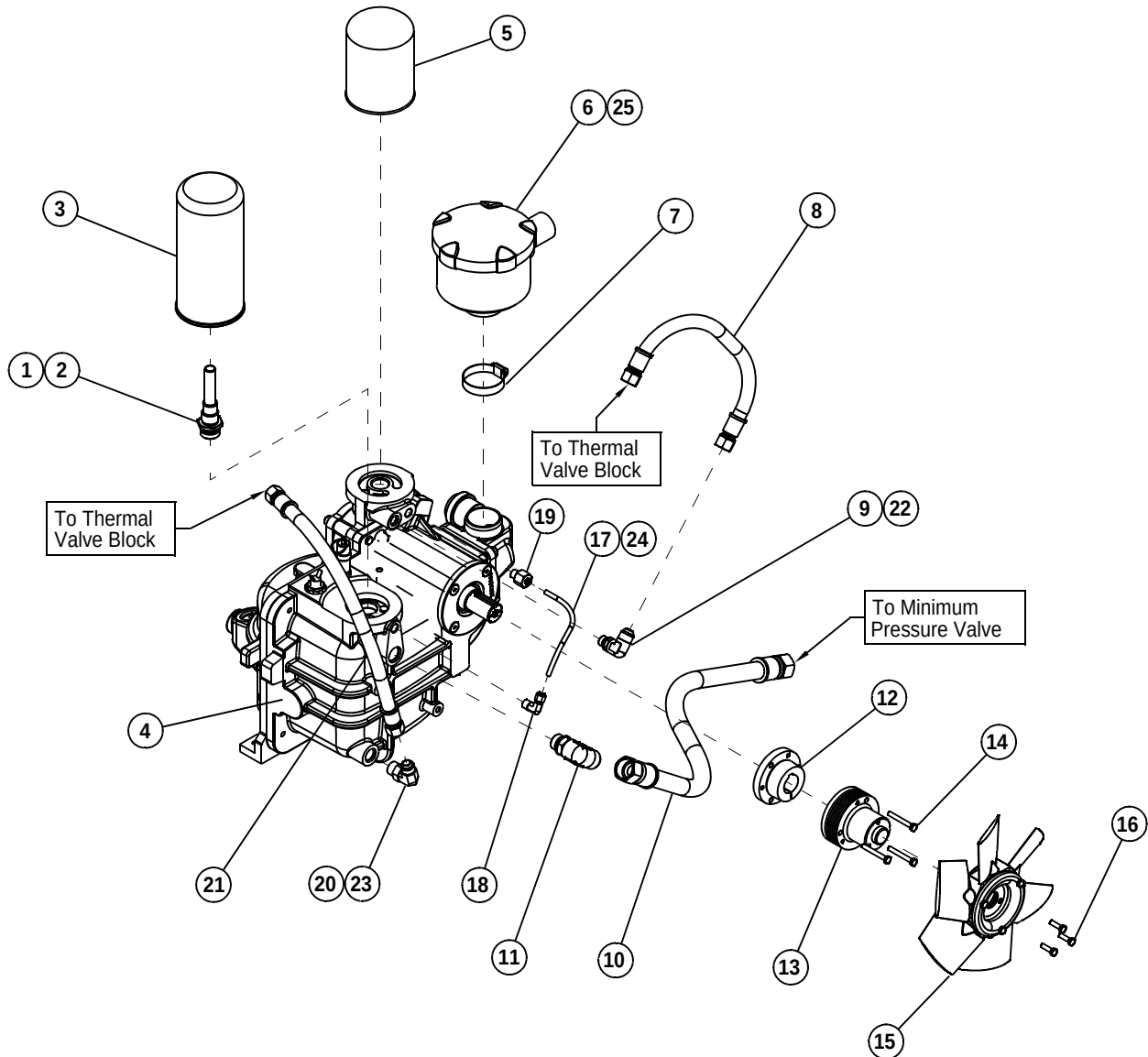
Hydraulic Motor



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
10	23010317	Belt	1	Continued
11	35279959	O-ring	1	
12	35280528	O-ring	1	
13	95332599	Connector	1	
14	35369214	Cap	1	
15	95365151	Union	1	
16	95257333	Cap	1	

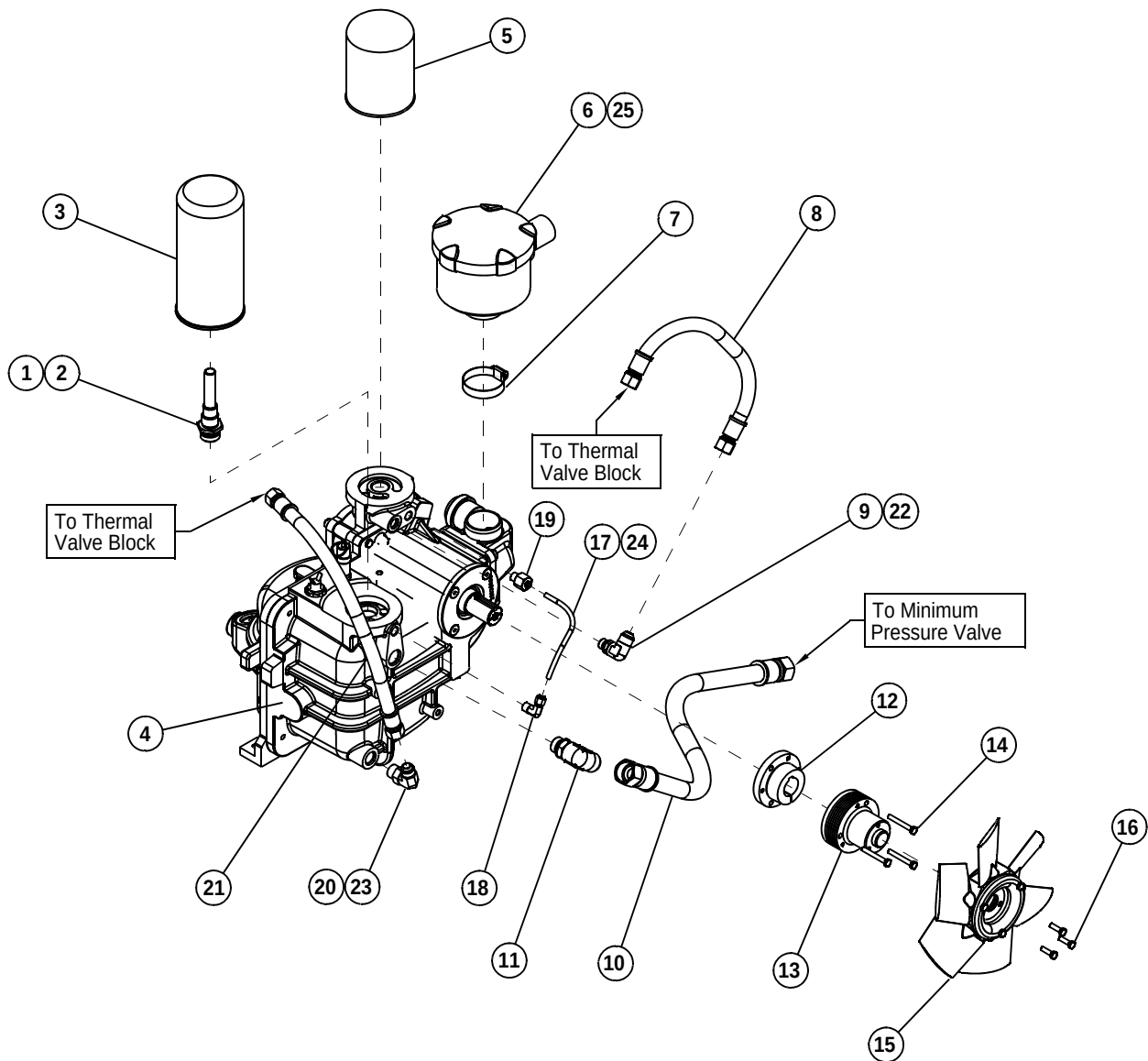
Air End Front View



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22232813	Oil Separator Stem Assy	1	Continued.....
2	95025466	O-ring	1	
3	22388045	Separator Element	1	
4	23091564	CE55 Air End Assy	1	
5	39329602	Oil Filter Element	1	
6	89243778	Air Cleaner	1	
7	35221662	Clamp	1	
8	35306125	Hose Assy	1	
9	35287937	Elbow	1	
10	35323799	Hose	1	
11	95984563	Elbow	1	
12	23004625	QD Bushing	1	
13	23002330	Motor Sheave	1	

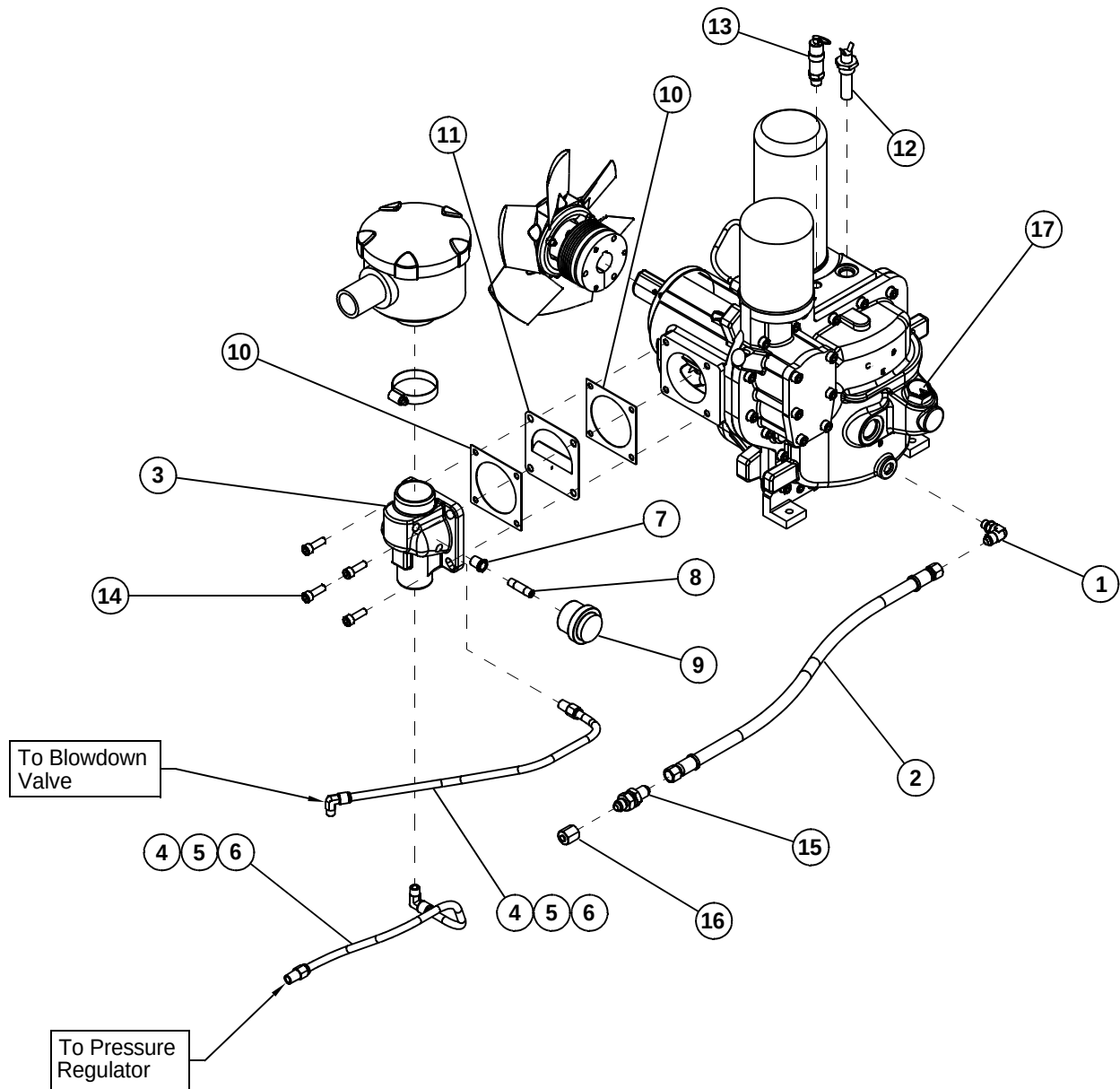
Air End Front View



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	96742515	Screw, M6-1 X 45	3	Continued
15	22990659	Fan	1	
16	36769024	Screw, M6-100 X 02	3	
17	92490358	Nylon Tube, 6mm	1	
18	92067933	Elbow	1	
19	22380216	Check Valve	1	
20	35279801	Elbow	1	
21	35288026	Hose	1	
22	35278571	O-ring	1	
23	35278589	O-ring	1	
24	22770069	Insert	2	
25	22173538	Air Filter Element	1	

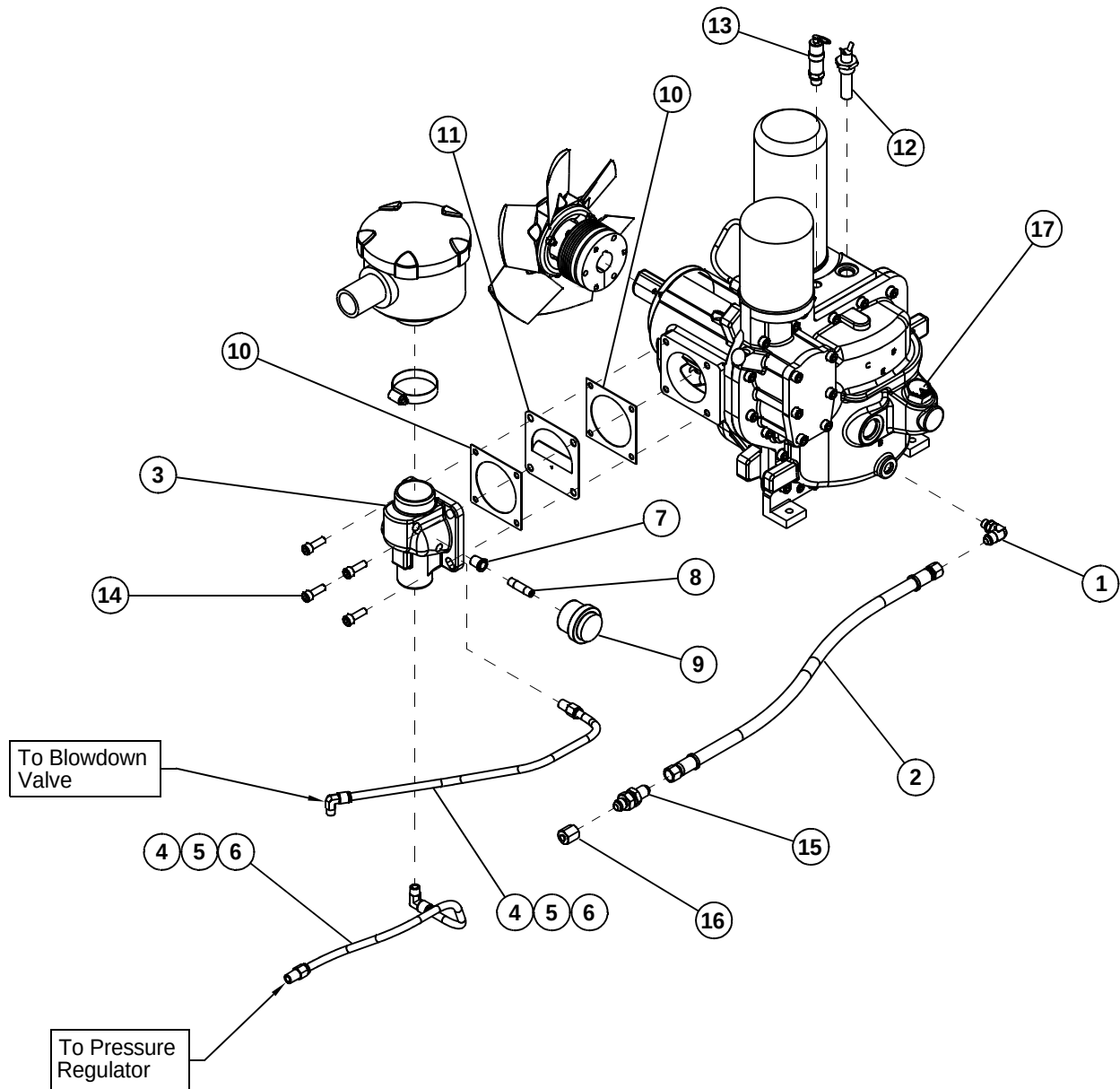
Air End Rear View



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35279827	Elbow	1	<i>Continued.....</i>
2	35322502	Hose Assy	1	
3	23010325	Unloader	1	
4	35356484	Tubing	2	
5	35369354	Elbow	2	
6	35369347	Connector	2	
7	95930301	Bushing	1	
8	95946059	Nipple	1	

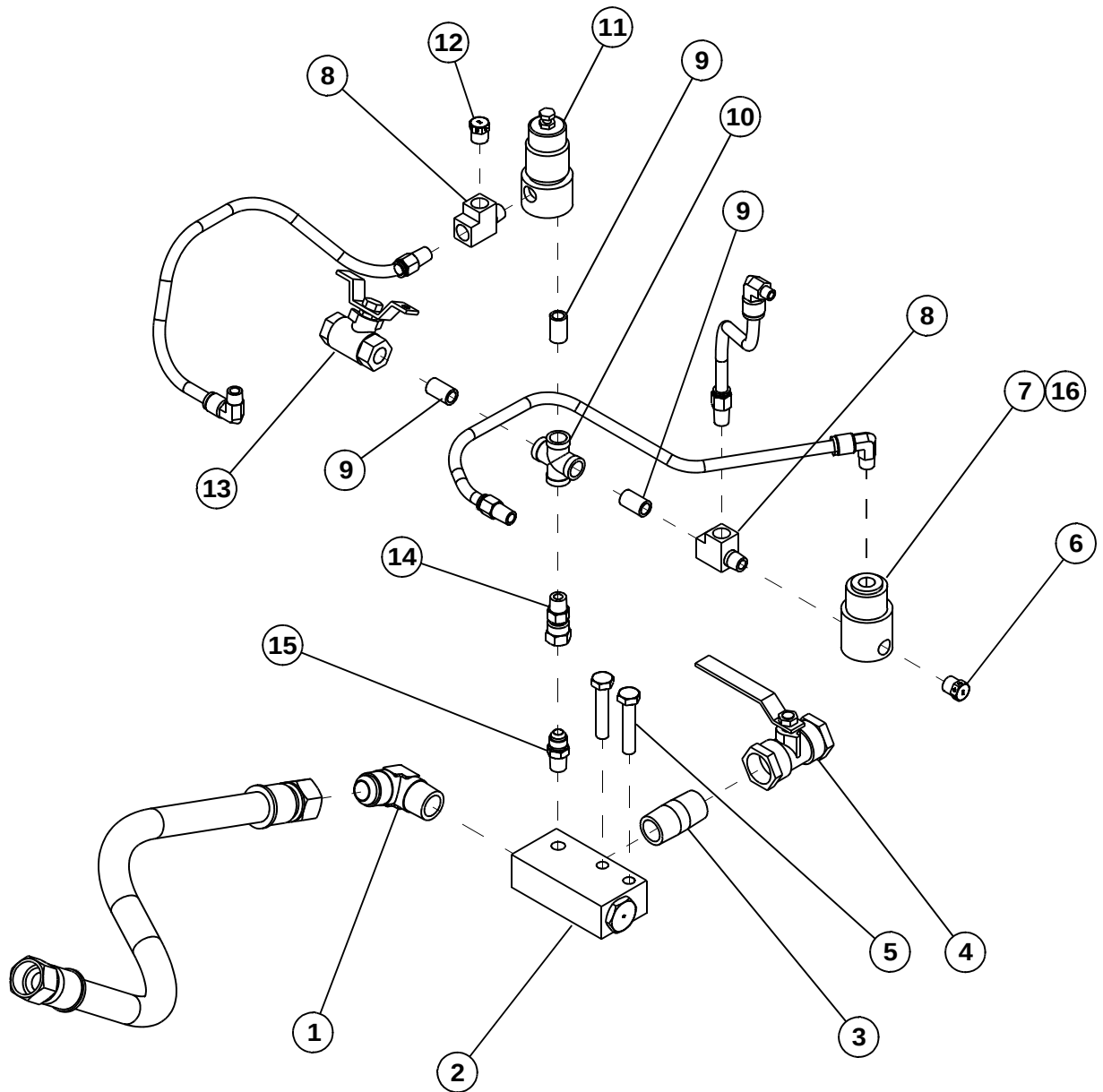
Air End Rear View



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
9	35300615	Restriction Indicator	1	Continued
10	39313879	Gasket	2	
11	23073554	Baffle	1	
12	22823199	Temperature Switch	1	
13	39588074	Press Relief Valve	1	
14	36889608	Screw, M8 X 25	4	
15	35336189	Fitting	1	
16	35321389	Cap	1	
17	54604970	Oil Filler Plug Decal	1	

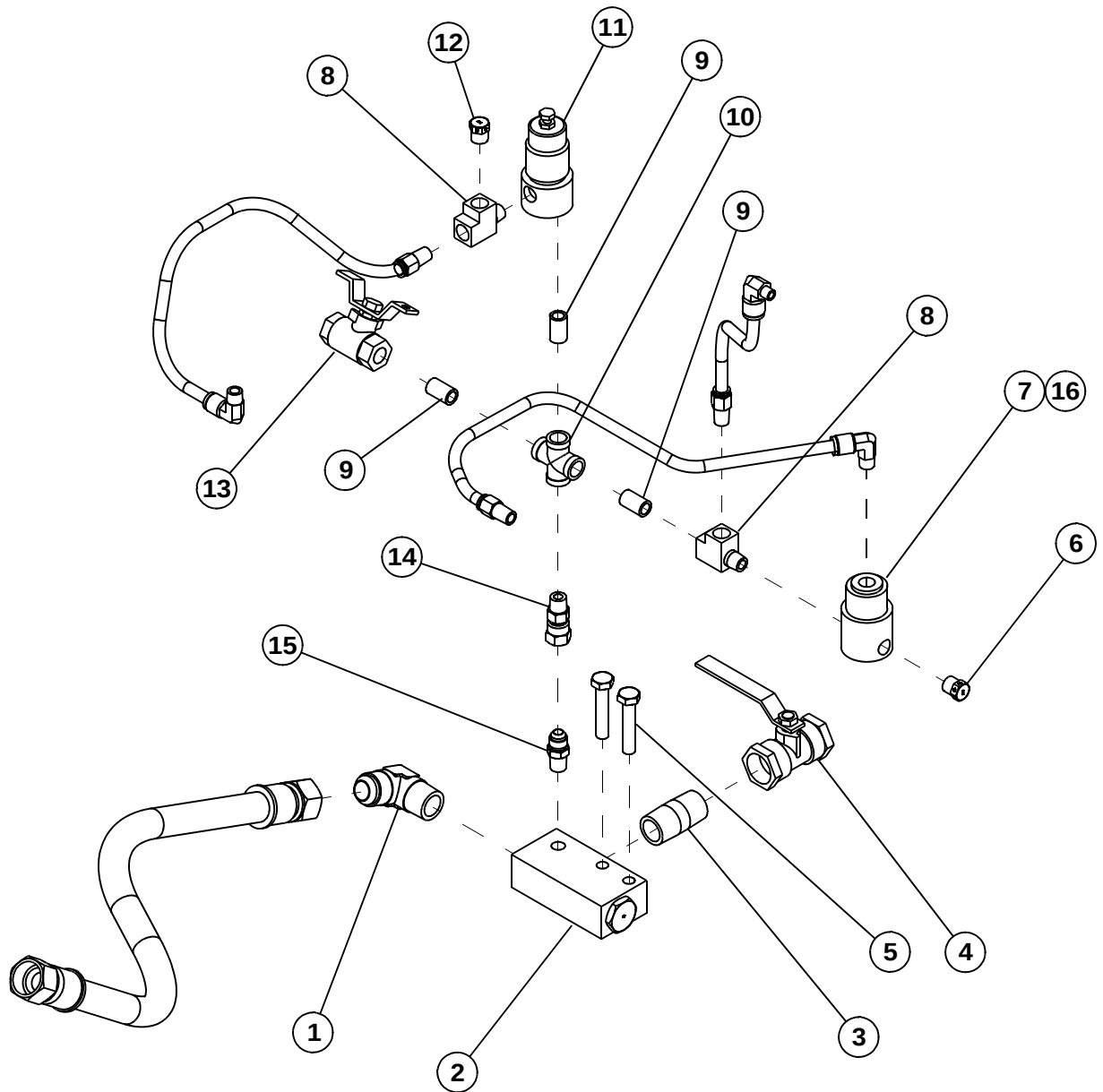
Service Air



23218621_11/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35294735	Elbow	1	<i>Continued.....</i>
2	23000243	Minimum Pressure Valve	1	
3	95953576	Nipple	1	
4	35576115	Ball Valve	1	
5	36786382	Screw, M8	2	
6	22184725	Orifice Muffler	1	
7	35322379	Blowdown Valve	1	
8	35114545	Tee	2	
9	95242442	Nipple	3	

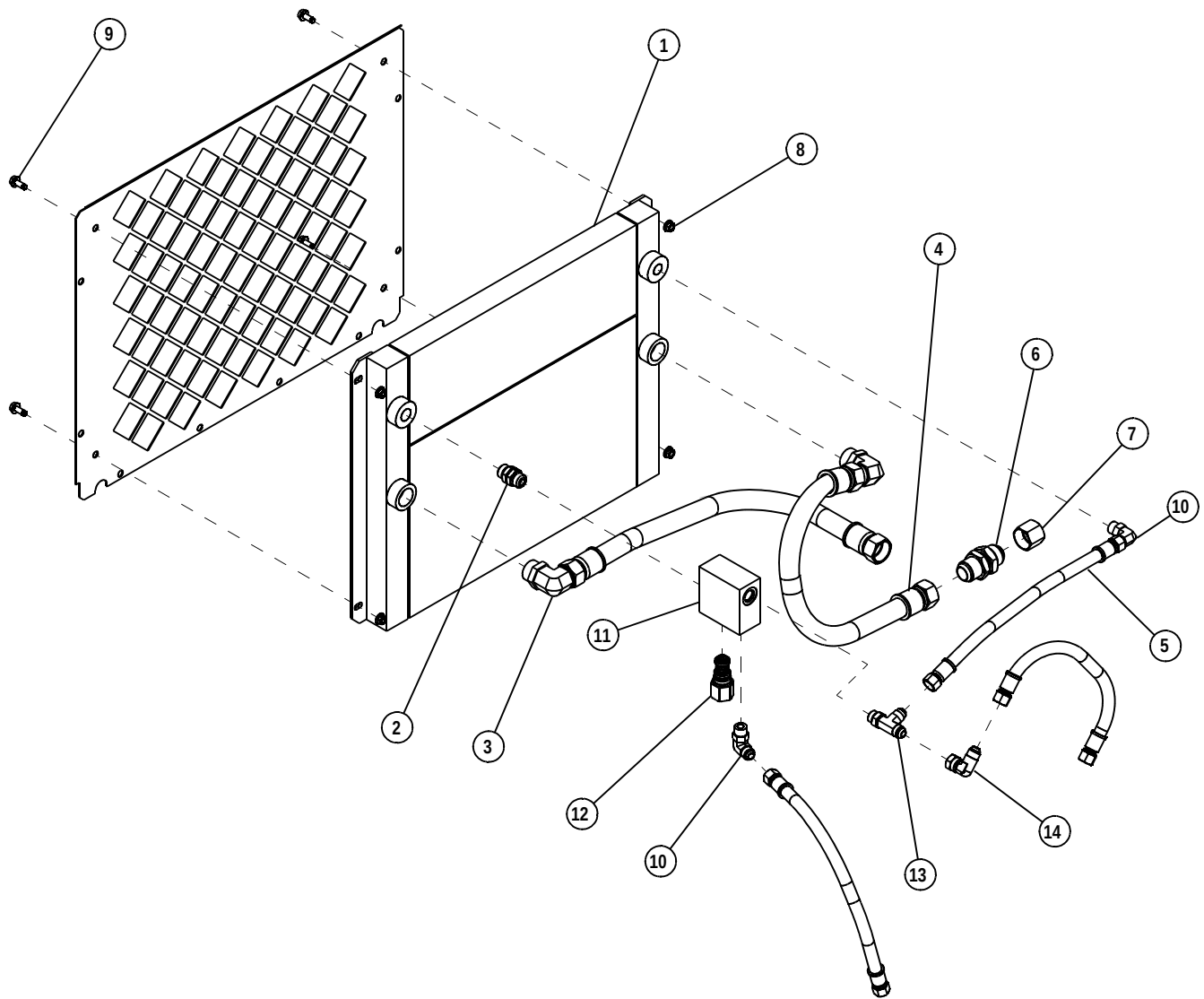
Service Air



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
10	95954293	Cross	1	Continued
11	36896892	Pressure Regulator	1	
12	36766756	Orifice Muffler	1	
13	35324839	Ball Valve	1	
14	35367846	Connector	1	
15	35284082	Connector	1	
16	35379064	Diaphragm Repair Kit	AR	

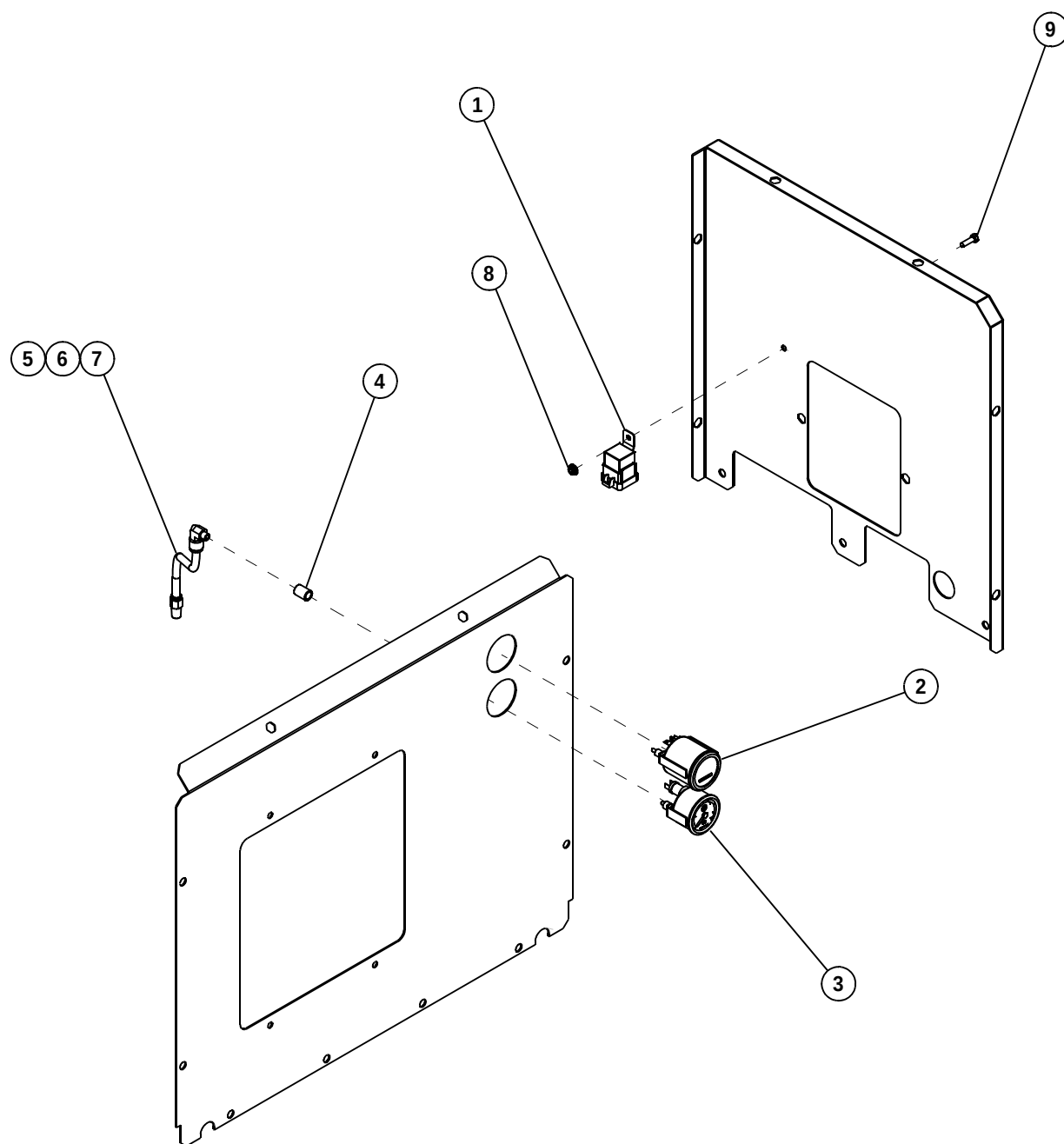
Cooler



23218621_12/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22991186	Cooler	1	
2	22305965	Union	1	
3	35291384	Elbow	2	
4	35231455	Hose Assy	1	
5	35288026	Hose Assy	1	
6	95488078	Union	1	
7	95387924	Cap	1	
8	36881886	Nut, M8	4	
9	96727193	Screw, M8	4	
10	35279801	Elbow	2	
11	22362198	Thermal Valve Block	1	
12	22282024	Thermal Control Valve	1	
13	35296177	Tee	1	
14	35287911	Elbow	1	

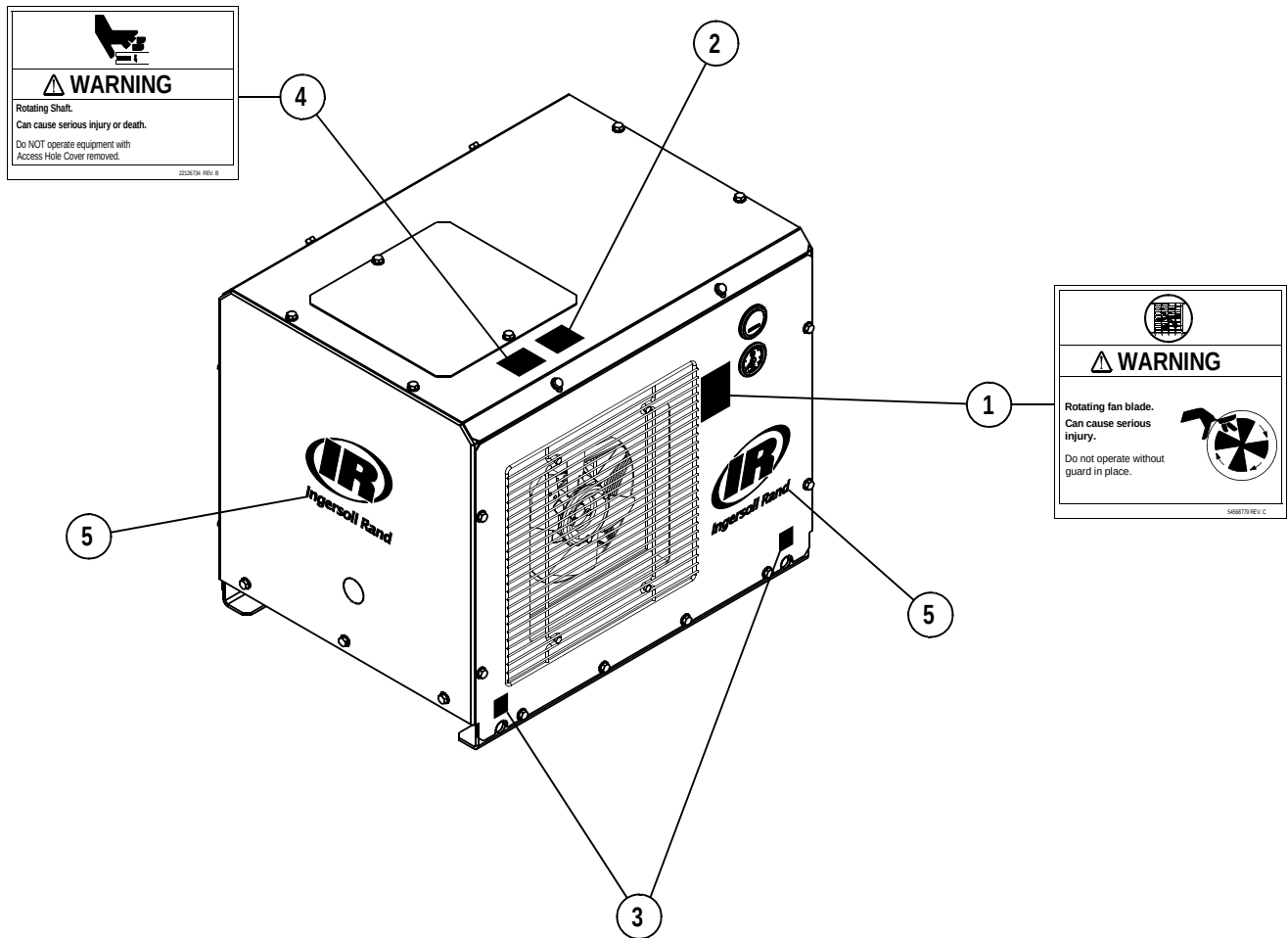
Instrumentation



23218621_12/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36878361	Weatherproof Relay	1	
2	36841245	Hourmeter	1	
3	36891216	Pressure Gauge	1	
4	95935599	Coupling	1	
5	35370386	Elbow	1	
6	35356484	Tubing	1	
7	35369347	Connector	1	
8	36898104	Nut, M6	1	
9	36769024	Screw, M6 X 20	1	

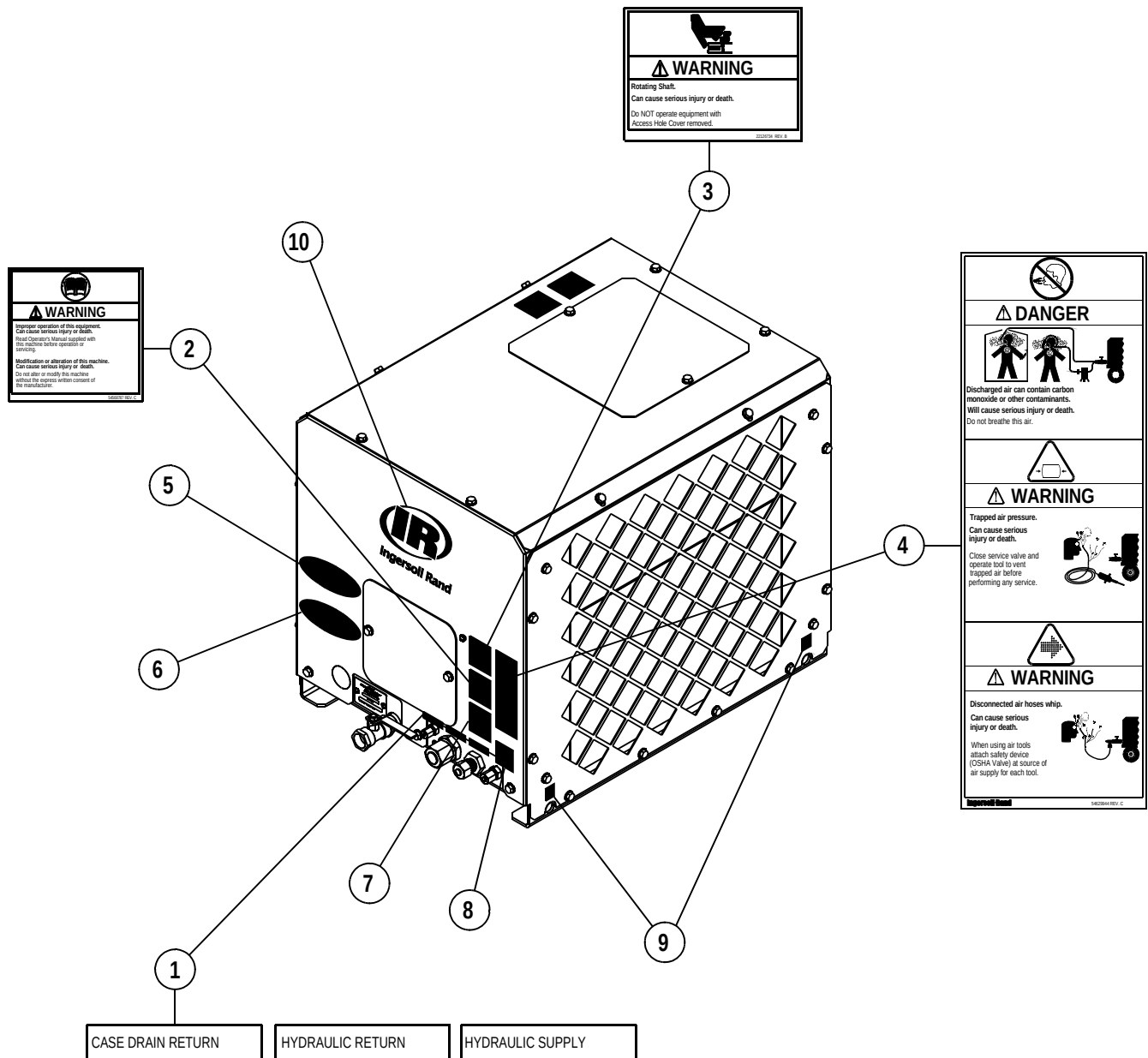
Decal Location Front View



23218621_12/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54568779	Decal ISO Rotating Fan	1	
2	93178945	Decal Oil Fill Symbol	1	
3	22182315	Decal ISO LFT PT	2	
4	22126734	Warning Decal	1	
5	22937783	Swoosh Sign, 6.5"	2	

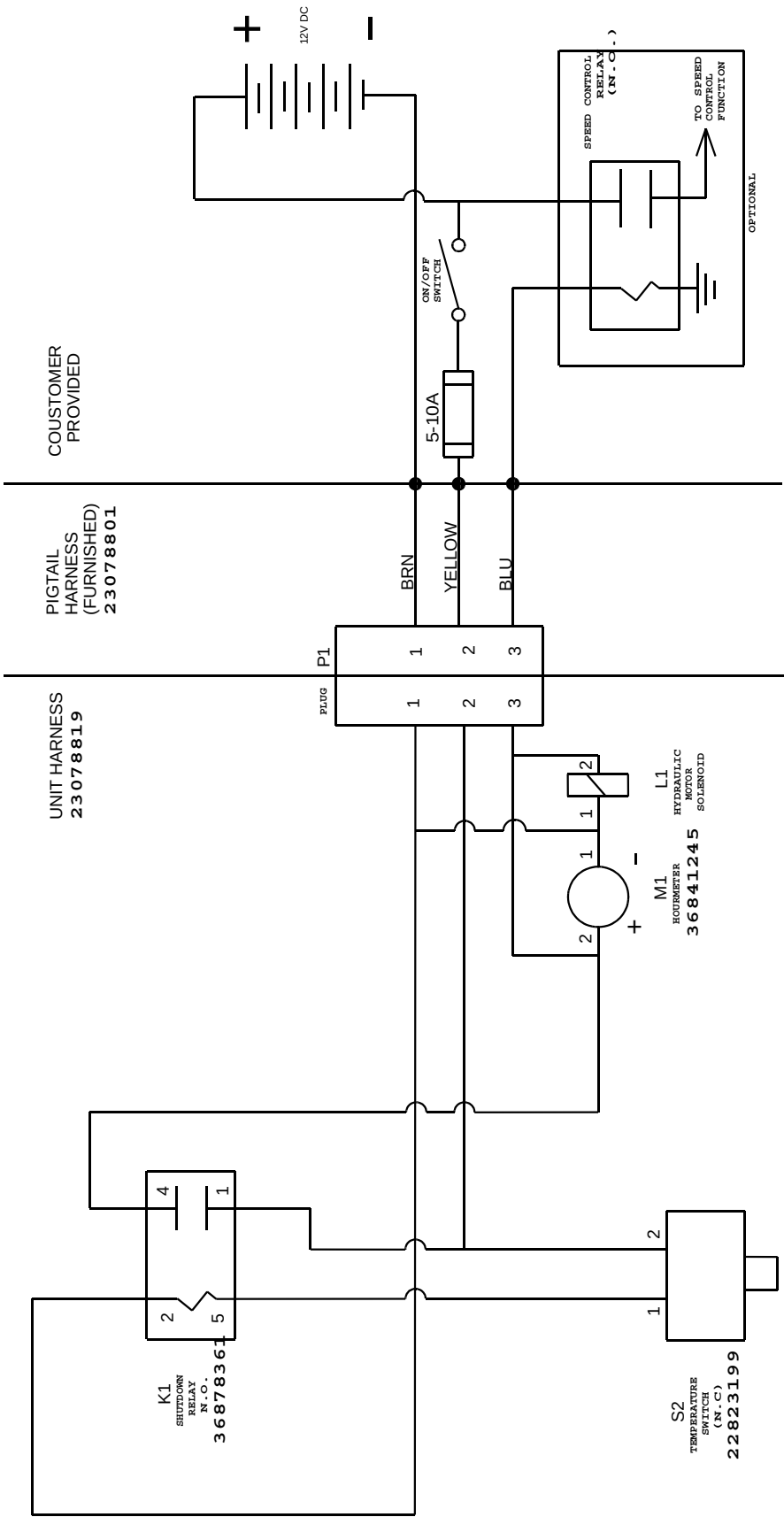
Decal Location Rear View



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22184261	Supply and Return Decals	1	
2	22126734	Warning Decal	1	
3	54568787	Impoper Operation Decal	1	
4	54629944	Decal 3-Part Vertical	1	
5	54640024	Genuine Parts Decal	1	
6	54640164	Air End Warranty Decal	1	
7	43215037	Maximum Speed Decal	1	
8	54604970	Oil Filler Plug Decal	1	
9	22182315	Decal ISO LFT PT	2	
10	22937783	Swoosh Sign, 6.5"	1	

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