



Doosan Infracore
Portable Power



PARTS MANUAL

VHP750WCAT
RHP750WCAT
SHP825WCAT
HP900WCAT
XP950WCAT
P1060WCAT

Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Doosan Company or the products of either.

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

Book 23320765 (06/08)

Revised (09-12)

TABLE OF CONTENTS

Parts Book

TITLE	PAGE
Steerable Running Gear	4
Steerable Running Gear	5
Steerable Running Gear	6
Steerable Running Gear	7
Steerable Running Gear	8
Steerable Running Gear	9
Engine Assembly (Caterpillar C - 9)	10
Engine Assembly (Caterpillar C - 9)	11
Airend Assembly	12
Airend Assembly	13
Airend Assembly	14
Airend Assembly	15
Airend Assembly	16
Airend Assembly	17
Airend Assembly	18
Airend Assembly	19
Airend Assembly	20
Airend Assembly	21
Airend Assembly	22
Airend Assembly	23
Airend Pipework	24
Airend Pipework	25
Airend Pipework	26
Airend Pipework	27
Enclosure	28
Enclosure	29
Enclosure	30
Enclosure	31
Enclosure	32
Foam	33
Foam	34
Foam	35
Foam	36
Foam - High Ambient	37
Air Intake System	38
Air Intake System	39
Air Intake System	40
Engine Exhaust System	41
High Ambient Muffler	42
Fuel System	43
Fuel System	44
Cooling System	45
Cooling System	46
Oil/Air Piping	47
Oil/Air Piping	48
Oil/Air Piping	49
Oil/Air Piping	50
Oil/Air Piping	51
Oil/Air Piping	52
Oil/Air Piping	53
Regulation System	54
Regulation System	55
Regulation System	56
Regulation System	57
Regulation System	58

TABLE OF CONTENTS

Parts Book

TITLE	PAGE
Regulation System	59
Regulation System	60
Regulation System	61
Regulation System	62
Regulation System	63
Regulation System	64
Regulation System	65
Regulation System	66
Regulation System	67
Instrumentation/Electrical System	68
Instrumentation/Electrical System	69
Instrumentation/Electrical System	70
Instrumentation/Electrical System	71
Option - Pressure Reducer	72
Option - IQ LP	73
Option - IQ	74
Option - IQ	75
Option - Oil/Air Piping (Aftercooler)	76
Option - Oil/Air Piping (Aftercooler)	77
Option - IQ Dual Filter	78
Option - IQ Dual Filter	79
Option - IQ Dual Filter	80
Option - Oil/Air Piping (Aftercooler)	81
Option - Oil/Air Piping (Aftercooler)	82
Option - Oil/Air Piping (Aftercooler)	83
Option - Flashing Light (Low Fuel Shutdown)	84
Option - Spark Arrestor	85
Option - Overspeed Valve	86
Option - Worklights	87
Option - Service Lights	88
Option - Dual Pressure	89
Option - Dual Pressure	90
Recommended Parts	91
Glossary of Non-Illustrated Items	92
Fasteners Index	93
Fasteners Index	94
Tube Fitting Index	95
Tube Fitting Index	96



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

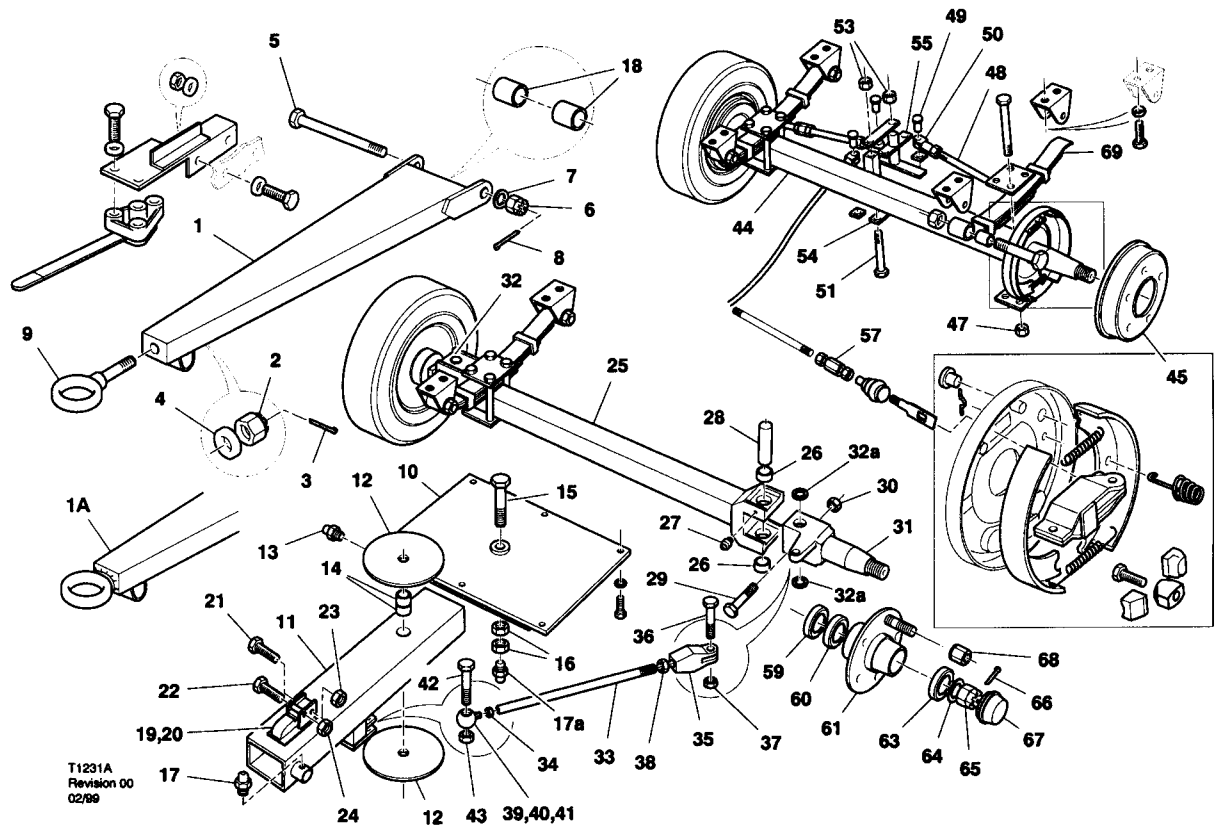
Always specify the model and serial number of the unit.

Specify the part number and description.



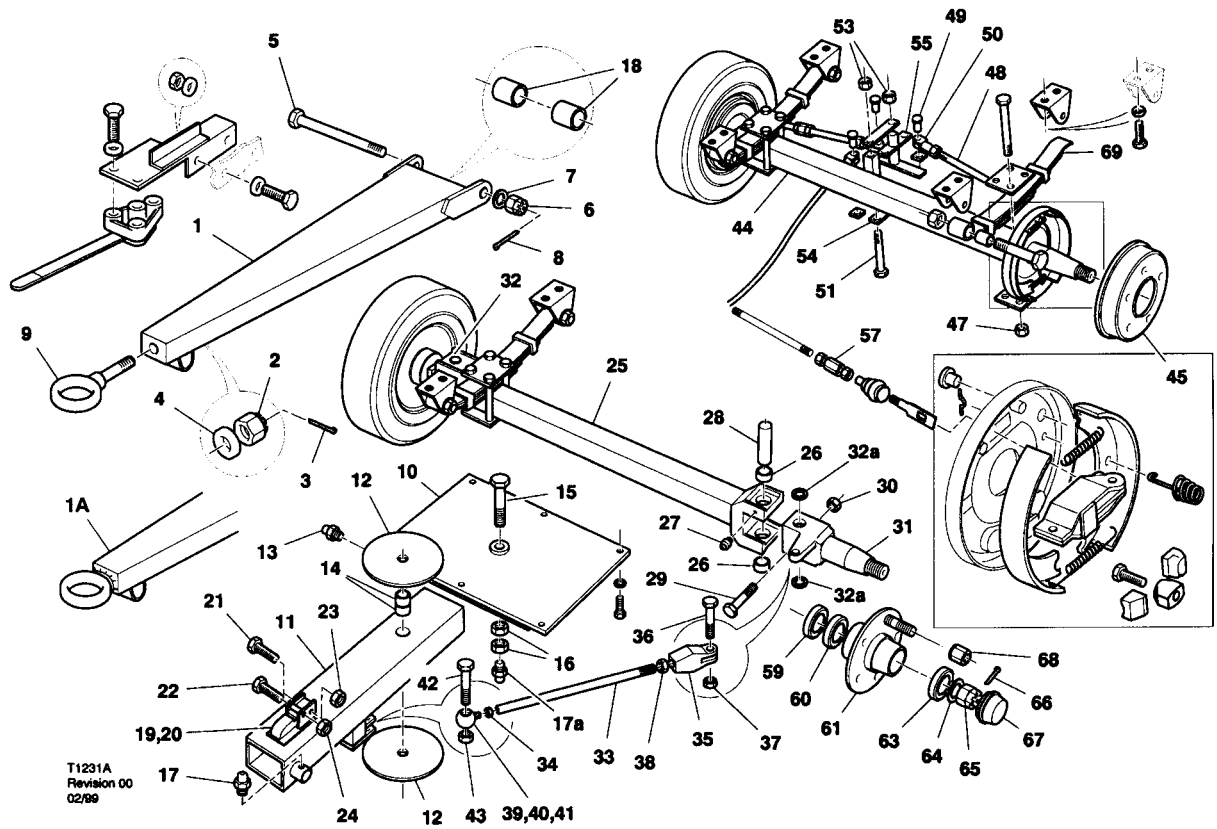
Parts List

Steerable Running Gear



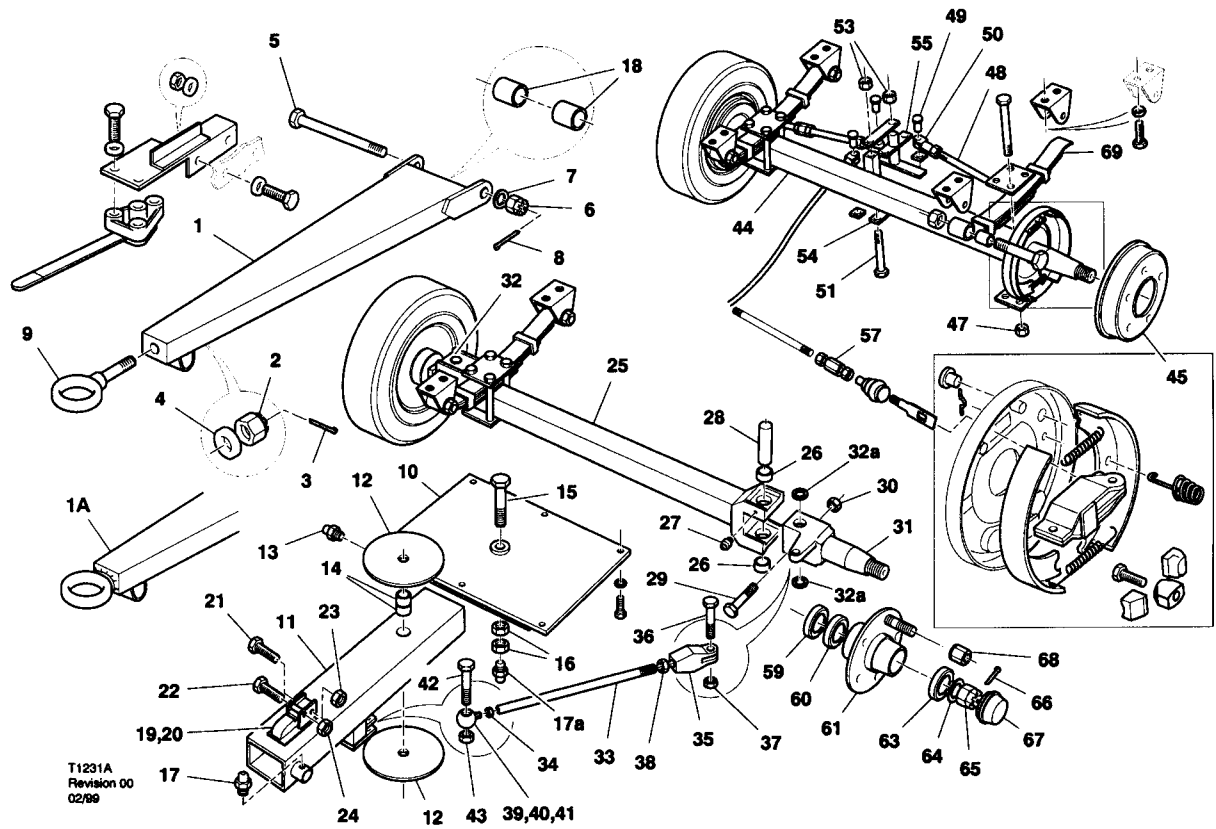
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-9	92493378	Drawbar Assembly	1	
1	92302678	Drawbar	1	
2	92299924	Nut	1	
3	92299940	Pin	1	
4	92299932	Washer	1	
5	92302686	Bolt	1	
6	92299973	Nut	1	
7	92299981	Washer	1	
8	92299999	Pin	1	
9	92299916	Eye, Pintle	1	
10-17	89285290	Pintle Box Assy	1	
10	89298194	Box, Pintle	1	
11	92042746	Body	1	
12	92042753	Plate	2	
13	92096247	Fitting	2	
14	92042761	Bushing	2	
15	92042779	Bolt	1	
16	92042787	Locknut	2	
17	92302058	Fitting	2	
18	92302975	Bushing	2	

Steerable Running Gear



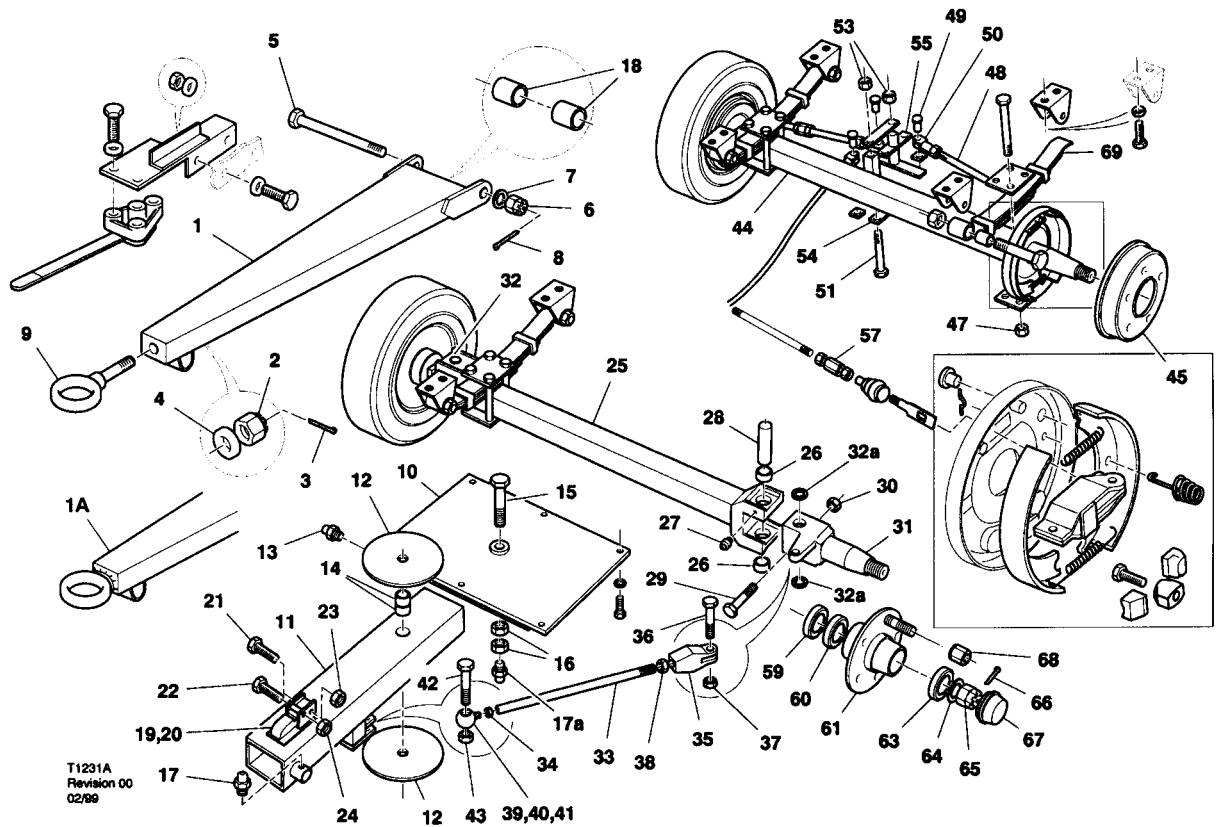
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
19	92302009	Latch	1	Continued.....
20	92301993	Spring	1	
21	92272376	Screw	1	
22	92302637	Screw	1	
23	95077764	Nut	1	
24	92274828	Nut	1	
25-32	54763230	Front Axle Assembly	1	
25	54686289	Axle, Front	1	
26	92302736	Bushing	4	
27	92096247	Fitting	4	
28	92302744	Pin	2	
29	92302116	Bolt	4	
30	95077798	Nut	4	
31	54763081	Axle, LH	1	
32	54763099	Axle, RH	1	
32a	92302751	Washer	4	
33-41	54763115	Track Rod Assy	2	
33	54763123	Rod, Track	2	
34	54763131	Locknut	2	
35	54763149	U Bolt	2	

Steerable Running Gear



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
36	95329843	Bolt	2	Continued
37	92327212	Nut	2	
38	54763156	Locknut	2	
39	54763164	Ball Joint	2	
40	92042860	Bushing	4	
41	92042878	Cap	2	
42	95644324	Bolt	2	
43	95391348	Nut	2	
44-55	54763248	Rear Axle Assy	1	
44	54386305	Axle, Rear	1	
45	54763172	Drum, Rear Brake	2	
46	-			
47	92271550	Nut	16	
48	54431762	Handle, Brake	2	
49	92302546	Ping	2	
50	92302553	Yoke	2	
51	92302561	Screw	2	
52	-			
53	92302579	Locknut	2	

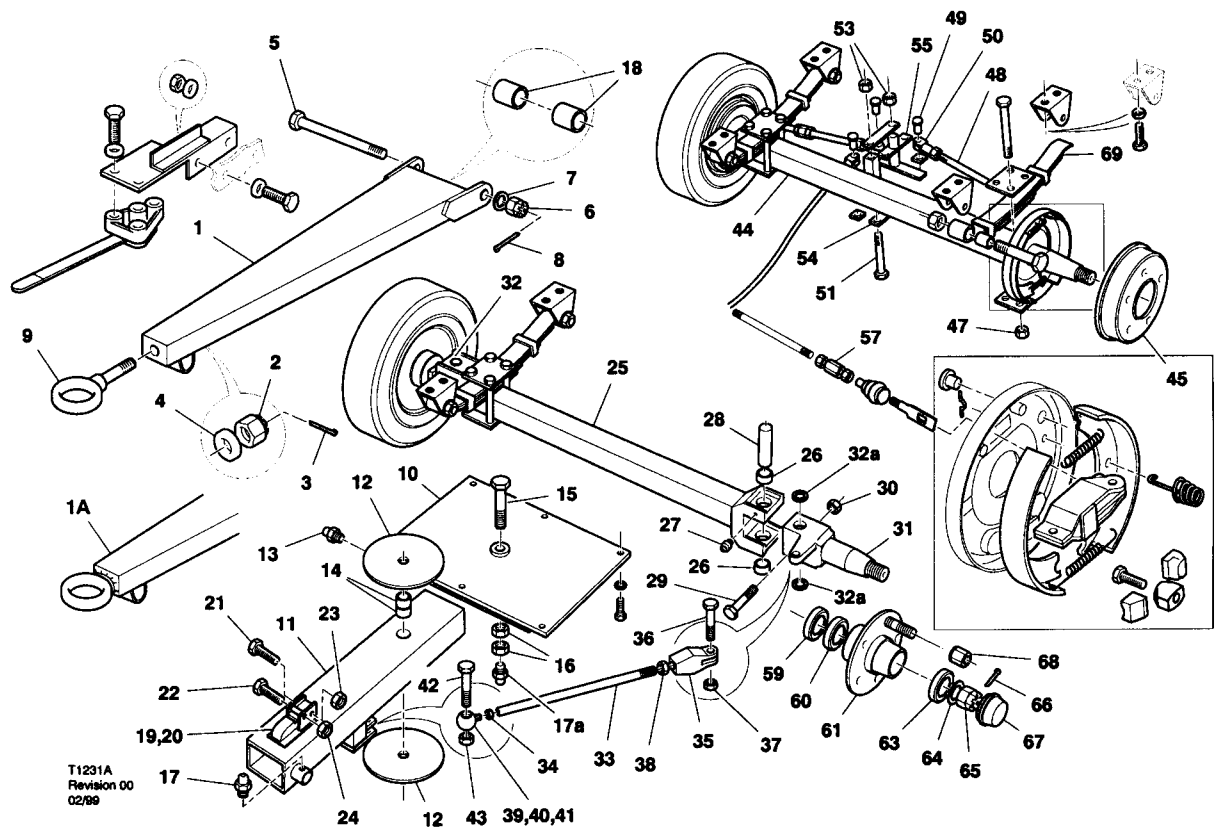
Steerable Running Gear



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
54	92302587	Plate		
55	92302595	Rod, Control		
56	-			
57	92327626	Nut		
58	-			
59-68	-	Front/Rear Hub Assy		
59	-	Seal		
60	54763180	Bearing		
61	54763198	Hub Assy		
62	-			
63	54763206	Bearing		
64	92960434	Washer		
65	54763214	Nut		
66	92299999	Pin		
67	89299853	Cap		
68	54763222	Nut		
69-73	92091842	Leaf Spring Assy		
69	92091867	Spring, Leaf		
70	92302405	Hook		

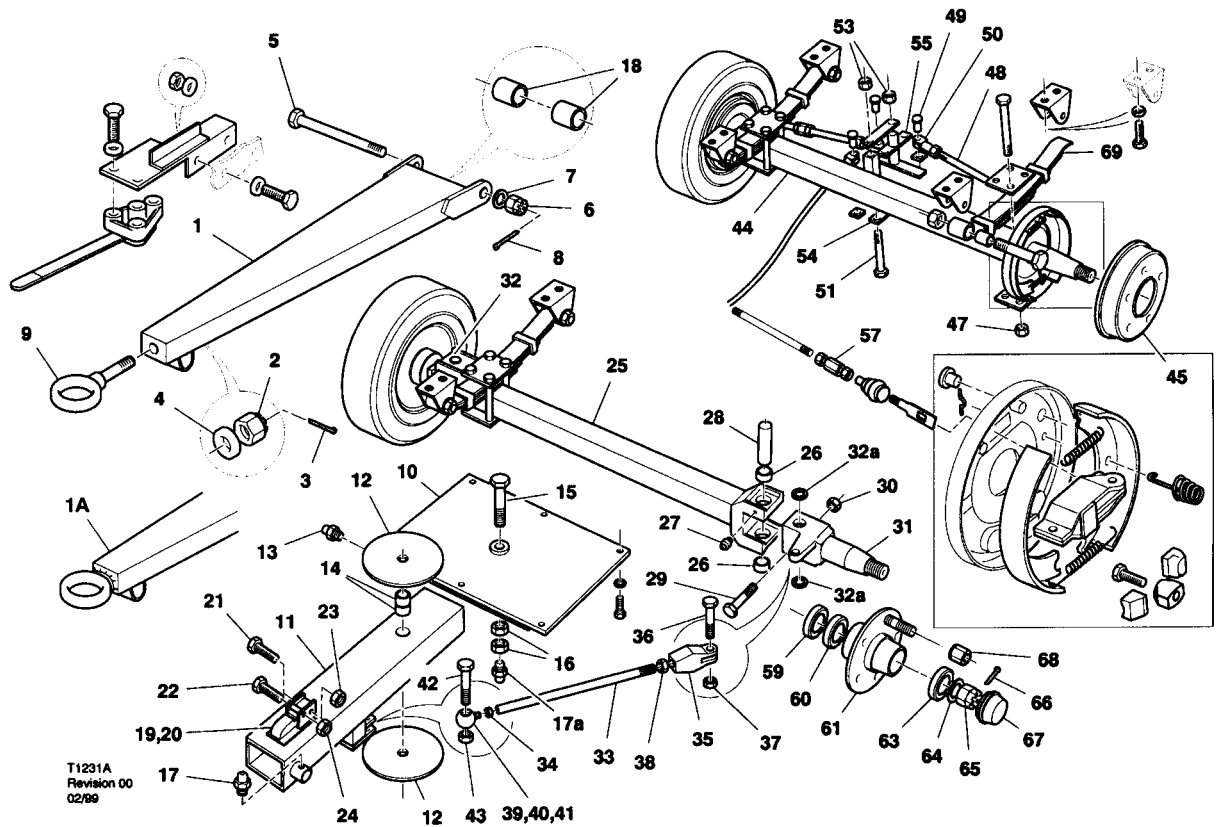
Continued.....

Steerable Running Gear (Rear Axle)



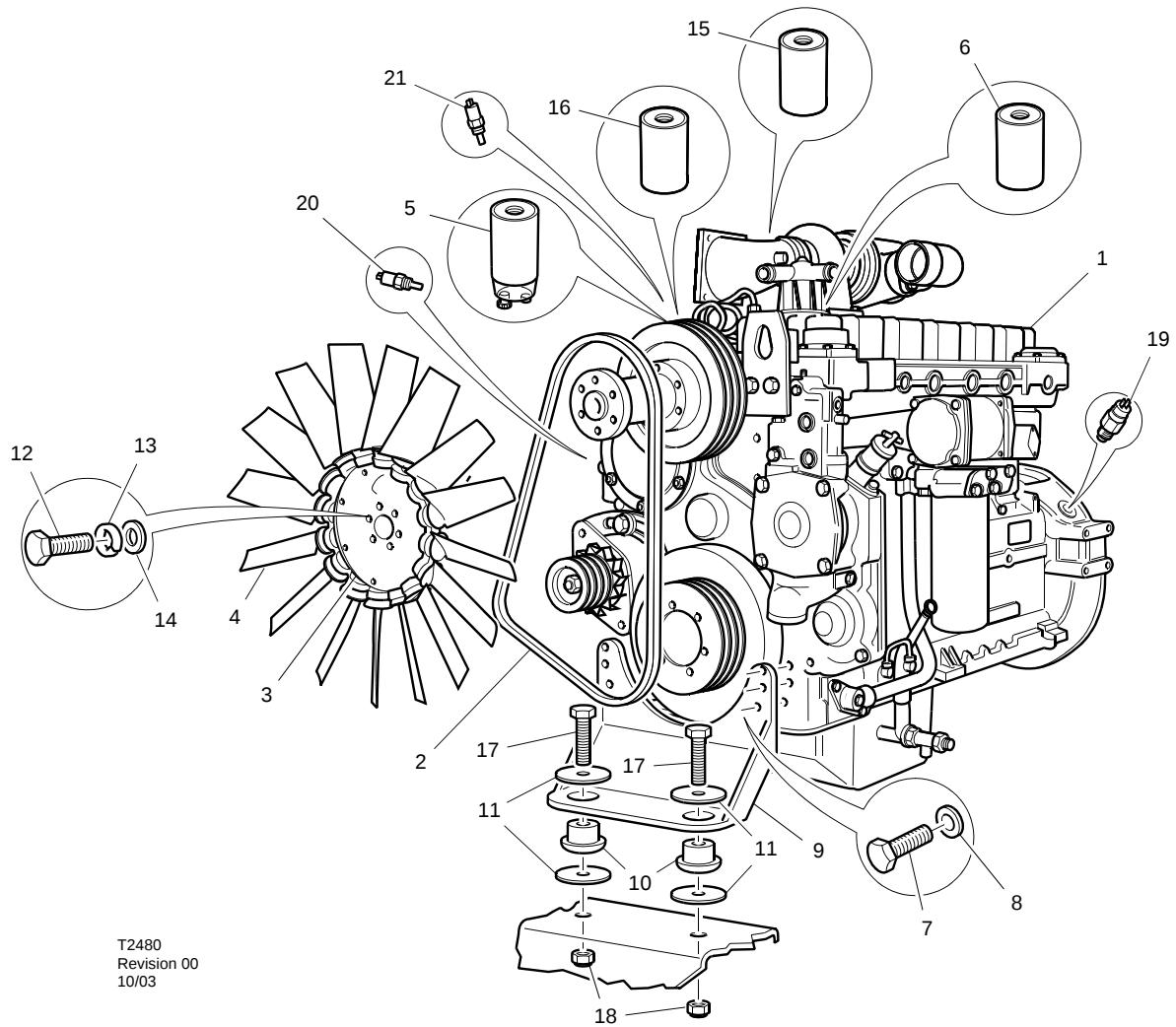
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
71	92302413	Bushing	4	Continued.....
72	92302850	Bolt	4	
73	92302868	Locknut	4	
74	92302447	Hook	4	
75	92302884	Plate	8	
76	-			
77	92056852	Bracket	1	
78	92327519	Rod, Parking Brake Control	1	
79	-			
80	89297691	Bolt	16	
81	92311695	Locknut	16	
82-83	89298293	Tire and Wheel Assy	4	
82	54386321	Wheel	1	
83	92058965	Tire	1	
84	92367663	Bolt	14	
85	92359371	Lockwasher	18	
86	92280940	Bolt	6	
87	92359363	Washer	6	
88	90103185	Setscrew	2	

Steerable Running Gear



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
89-90	-			Continued
91	92329341	Washer		
92	92304393	Setscrew		
93	92304674	Washer		
94	92778182	Plug		
95	92778190	Wedge		
96	92778208	Wedge		
97	92778224	Expander		
98	92778257	Shoe, Brake		
99	92778257	Shoe, Brake		
100	92778265	Spring		
101	92778273	Holder		
102	89298152	Spring		
103	89298160	Spring, Adjusting		
104	89298178	Cap		
105	89298186	Rod		
106	90103854	Nut		
107	-			
108	92483916	Cable, Brake		

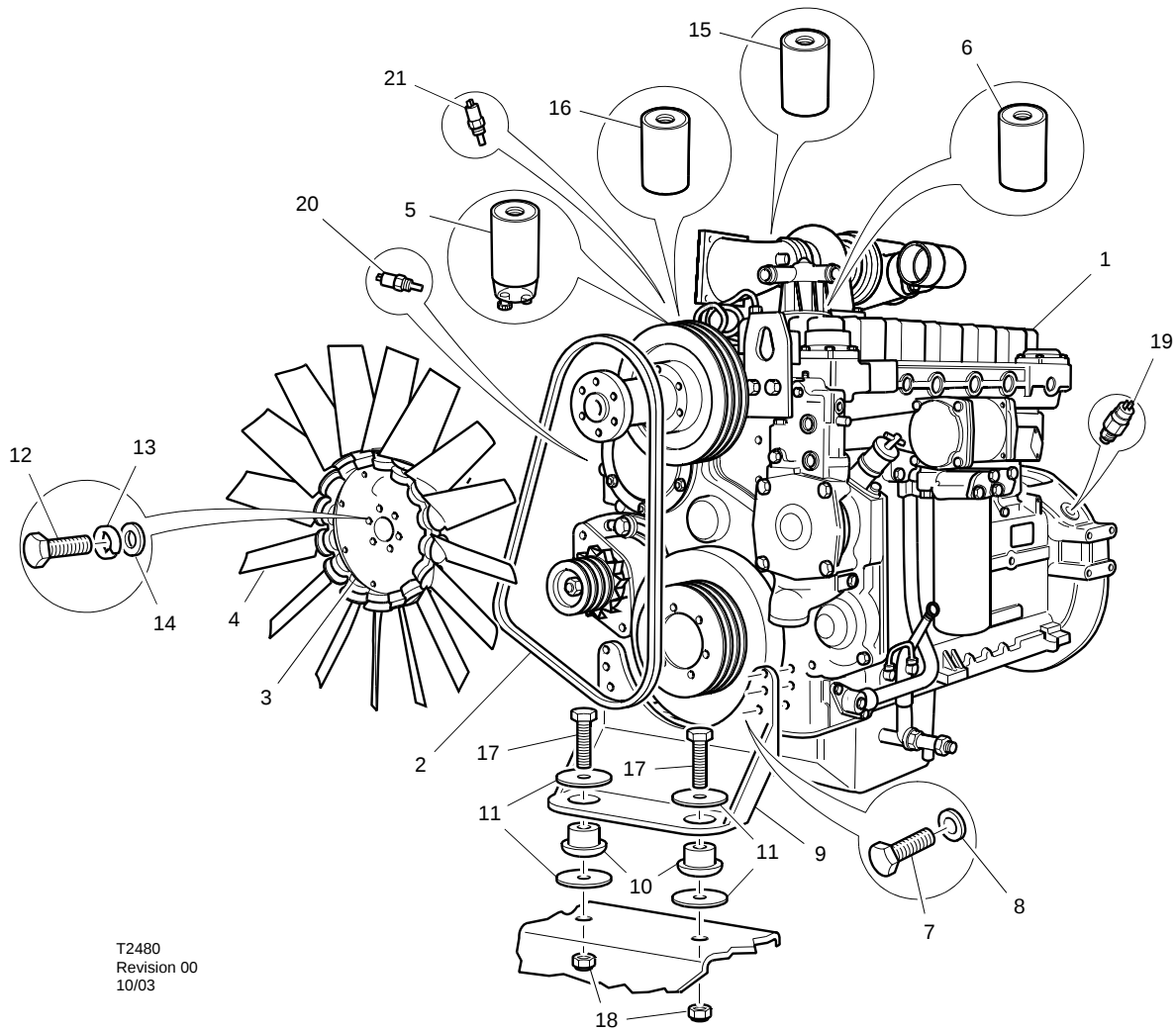
Engine Assembly - Caterpillar C-9



T2480
Revision 00
10/03

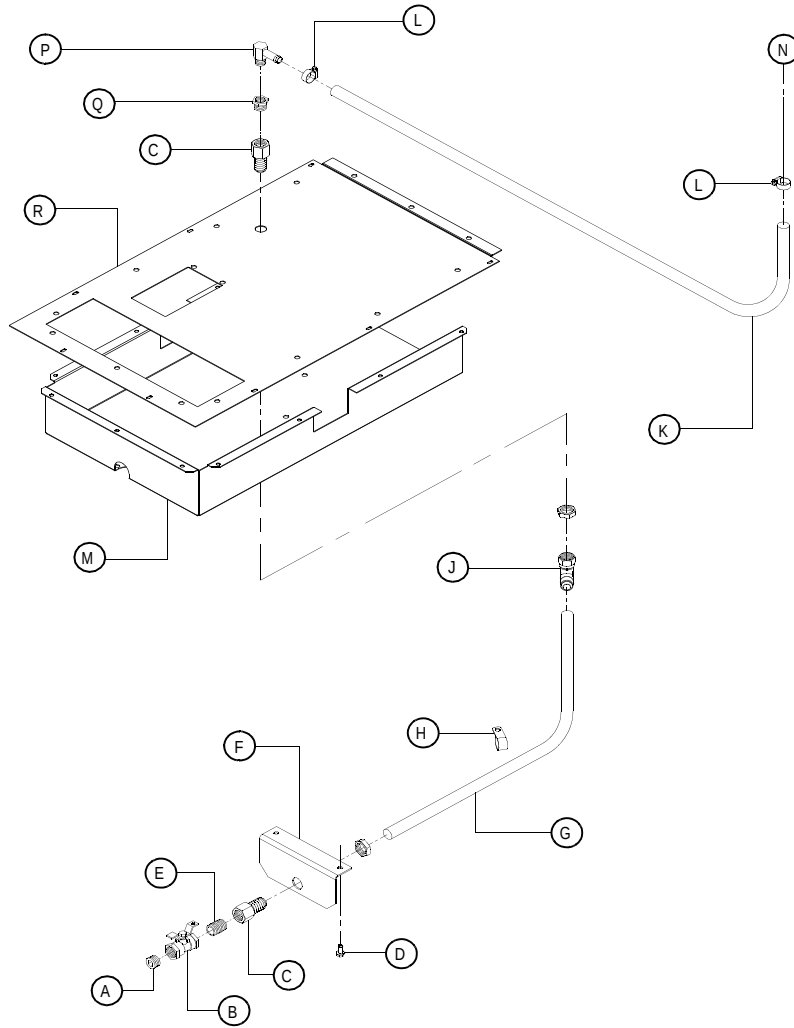
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22934251	Engine CAT 300hp (VHP-750, MHP825, XP950, P1060, HP900)	1	<i>Continued.....</i>
	22934269	Engine CAT 350hp (RHP-750, SHP925)	1	
2	22377675	Belt Set	1	
3	54763495	Fan	1	
4	N.S.S	Blade, Fan		
5	22730014	Element, Fuel Filter (Primary Filter)	1	
6	22284376	Element, Fuel Filter (Secondary Filter)	1	
7	96704283	Screw	6	
8	95935003	Washer	6	
9	22097646	Mount, Engine Front	1	
10	92062157	Mount	2	
11	35609874	Washer, Snubber	4	
12	35271154	Screw	6	
13	92304674	Lockwasher	6	
14	95935037	Washer	6	

Engine Assembly - Caterpillar C-9



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	22351654	Element, Collant Condition	1	Continued
16	35362235	Filter, Oil	1	
17	92311703	Screw	1	
18	92311695	Locknut	1	
19	36785319	Pickup, Mag Speed	1	
20	36870608	Sending Unit, Engine Oil Pressure Gage	1	
21	36841138	Sending Unit, Engine Coolant Temperature	1	

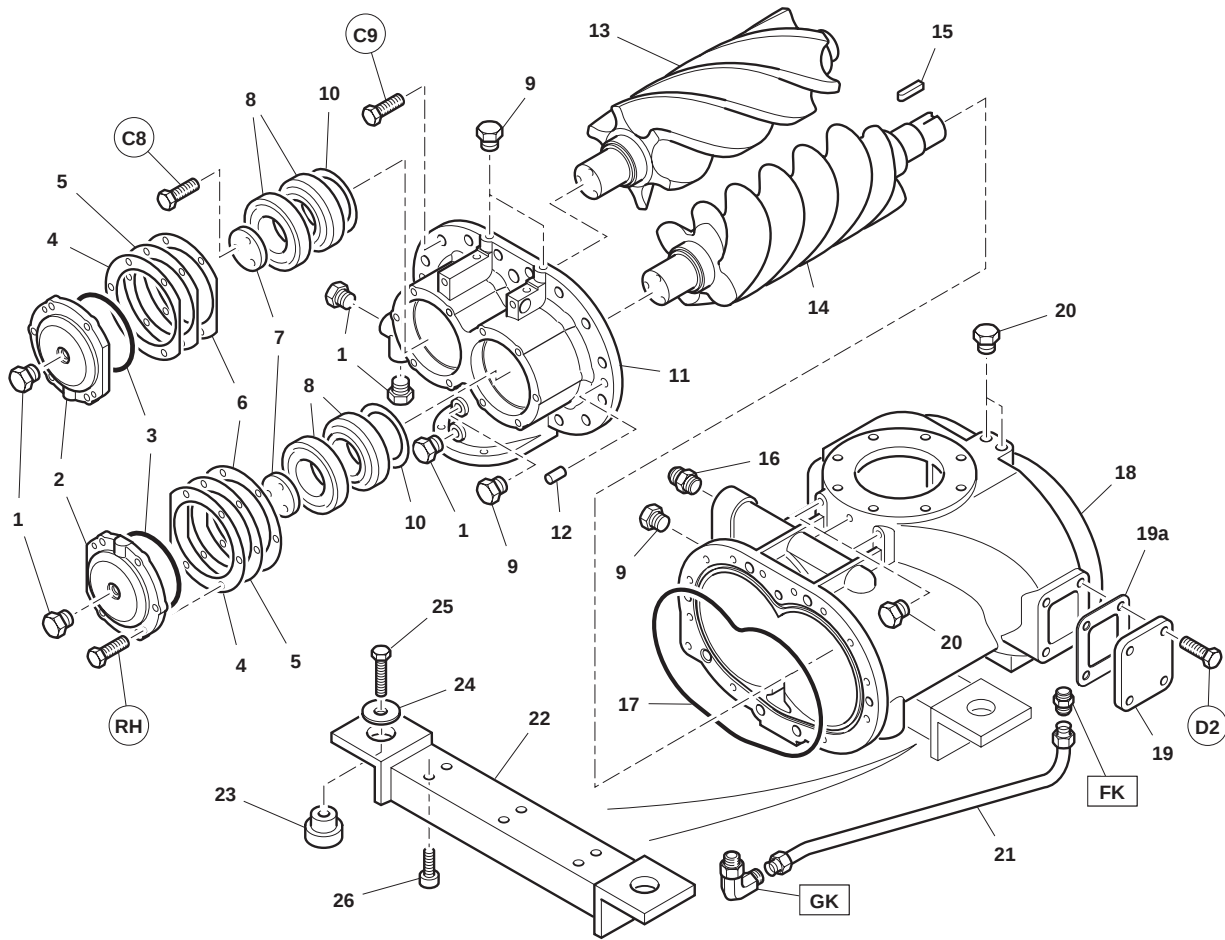
Engine Oil Drain (Steerable Running Gear)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95947149	Plug	1	
B	36777399	Valve, Ball	1	
C	35287747	Fitting, Bulkhead	1	
D	35279025	Screw	2	
E	95928040	Nipple	1	
F	22833354	Bracket	1	
G	35289503	Hose assembly	1	
H	35114081	Clamp	2	
J	35301506	Elbow	1	
K	35326578	Hose (12 inches)	1	
L	95220844	Clamp	1	
M	22441927	Box, Air	1	
N		To Engine Oil Drain		
P	35366665	Elbow	1	
Q	95953949	Bushing	1	
R	22132898	Pan, Belly	1	

Airend Assembly - 226mm

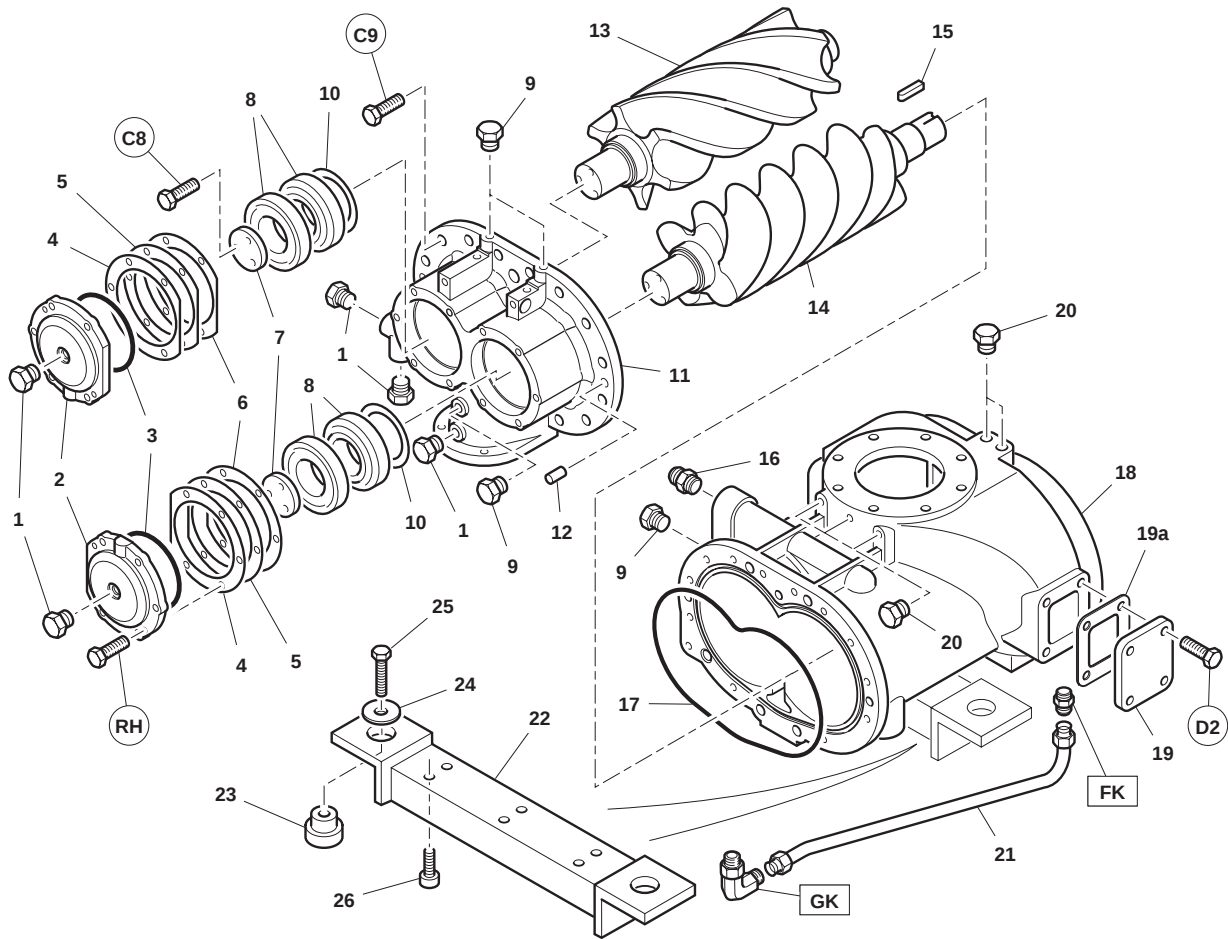
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-20	42476127	Airend (Bare)	1	
1	95938213	Plug	5	
2	39891486	Cover	2	
3	95023388	O-Ring	2	
4	39326780	Shim	4	
5	39326798	Shim	6	
6	39326806	Shim	4	
7	39436977	Retainer	2	
8	39437686	Bearing	4	
9	39330626	Orifice	5	
10	35299361	Shim Set	2	
11	39890553	Housing	1	
12	35295336	Pin, Locating	2	Continued.....

Airend Assembly - 226mm

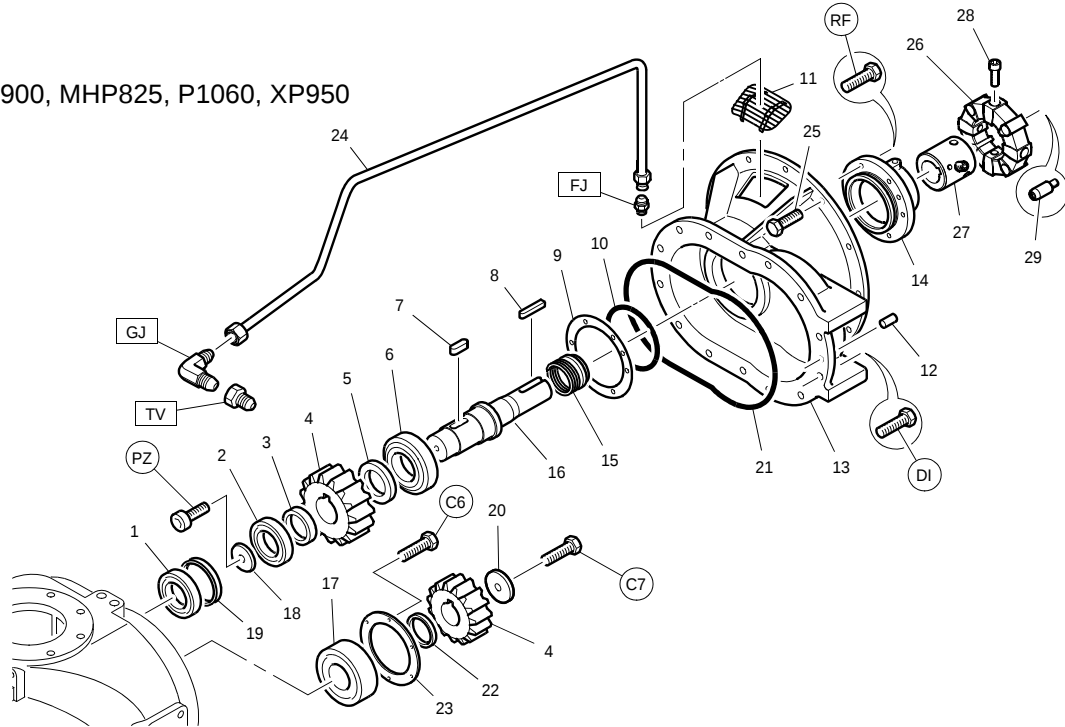
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13-14	36005031	Rotor Set	1	Continued
15	35361310	Key	1	
16	36899979	Elbow	1	
17	39253984	O-Ring	1	
18	22124317	Housing	1	
19	22219687	Cover	2	
19a	39925367	Gasket	2	
20	95938205	Plug	8	
21	39911284	Tube Assembly	1	
22	22075592	Bracket	1	
23	92894518	Mount	2	
24	35273937	Washer	2	
25	92495597	Bolt	2	
26	35358274	Screw	4	

Airend Assembly - 226mm

VHP750, HP900, MHP825, P1060, XP950



Model

VHP750

P1060

XP950

HP900

MHP825

Gear Set

35334853

93488732

36893378

35296011

36740546

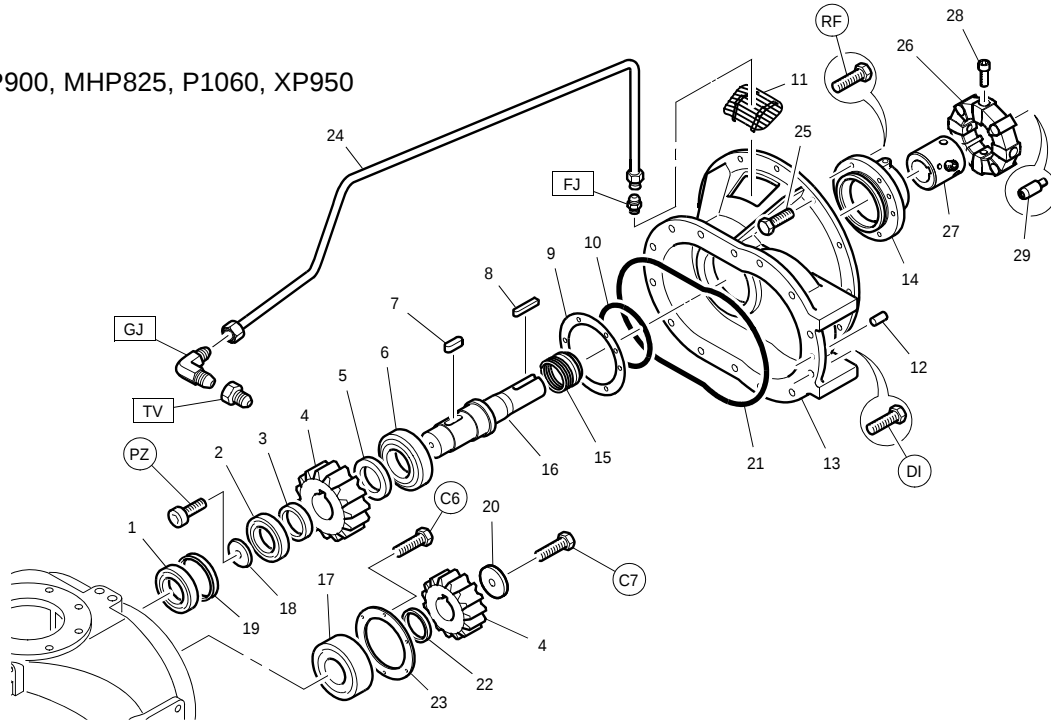
Airend complete incl. gears

42437582

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35313568	Bearing	1	
2	36854925	Bearing	1	
3	36851681	Spacer	1	
4	--	Gear-Set (Refer to Table)		
5	36851681	Spacer	1	
6	36846426	Bearing	1	
7	35361328	Key	1	
8	35364975	Key	1	
9	36846442	Shim	1	
10	95358164	O-Ring	1	
11	36798361	Guard, Top	1	
11a	36798346	Guard, Bottom	1	
12	95239927	Pin, Locating	2	
13	36851459	Gear Case	1	
14	36507515	Cover	1	
15	35593508	Seal, Shaft	1	Continued.....

Airend Assembly - 226mm

VHP750, HP900, MHP825, P1060, XP950



Model
VHP750
P1060
XP950
HP900
MHP825

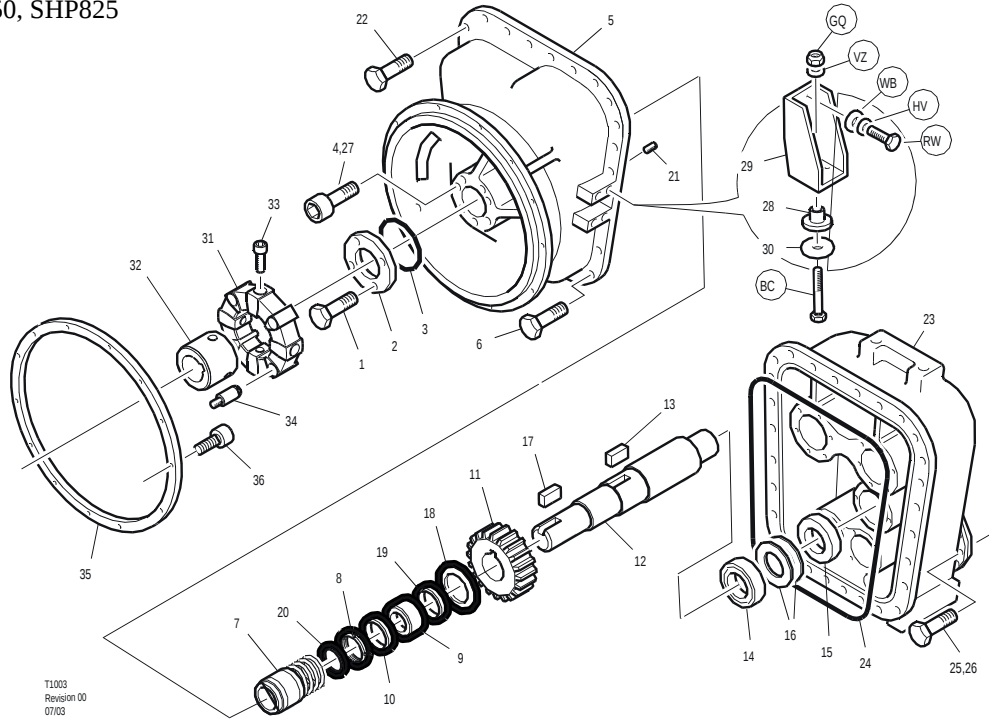
Gear Set
35334853
93488732
36893378
35296011
36740546

Airend complete incl. gears
42437582

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	36846400	Shaft	1	 Continued
17	39322706	Bearing	1	
18	36764785	Cap	1	
19	35262963	Spacer	1	
20	35255819	Clamp	1	
21	39253992	O-Ring	1	
22	39326483	Spacer	1	
23	39326749	Ring, Retaining	1	
24	39911292	Tube Assembly	1	
25	36880995	Screw	12	
26-28	54400031	Coupling, Assembly	1	
26	92041441	Coupling, Element	1	
27	54400049	Hub	1	
28	92041466	Bolt	4	
29	92041458	Pin	4	

Airend Assembly - HR-2

RHP750, SHP825



Model
RHP750
SHP825

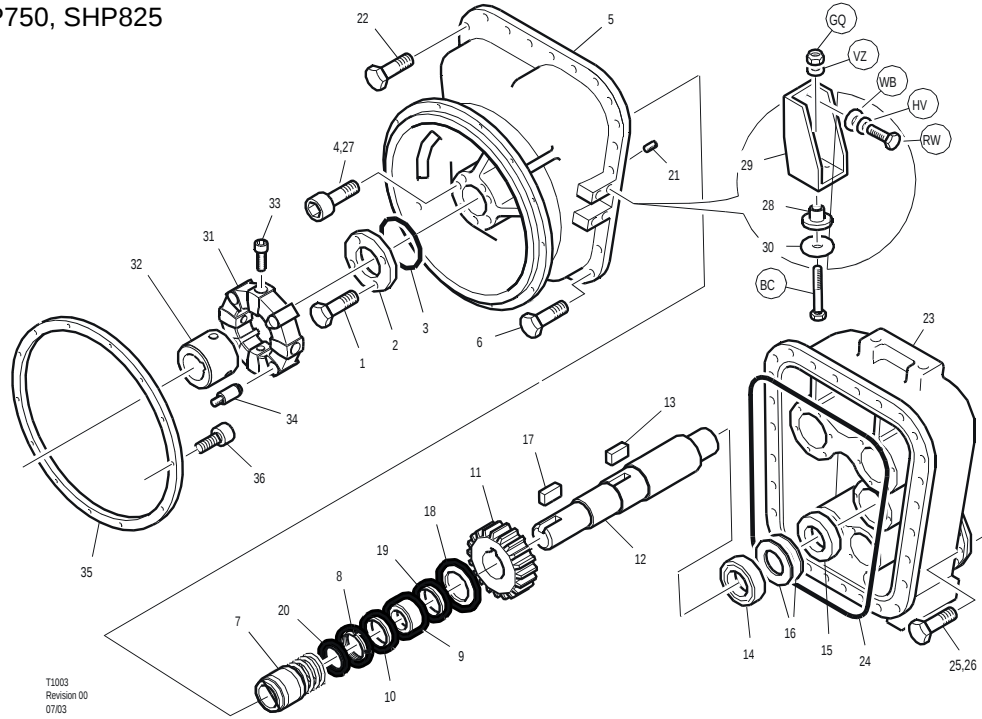
Gear Set
36763183
36746428

Airend Complete including gears
35096205

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92304435	Bolt	4	
2	35856467	Cover	1	
3	95022372	O-Ring	1	
4	35361286	Bolt	3	
5	36750909	Gearcase	1	
6	35318146	Bolt	18	
7	36865772	Seal	1	
8	35104082	Locknut	1	
9	35610195	Bearing	1	
10	35372002	Spacer	1	
11		Gear Set (Refer to Table)		
12	36504116	Driveshaft	1	
13	35355809	Key	1	
14	35610203	Bearing	1	
15	35372010	Spacer	1	
16	35372028	Shim Set	1	
17	92707801	Key	1	
18	35610153	Plate, Retaining	1	
19	35371996	Spacer	1	
20	35337583	Spacer	1	Continued.....

Airend Assembly - HR-2

RHP750, SHP825



Model
RHP750
SHP825

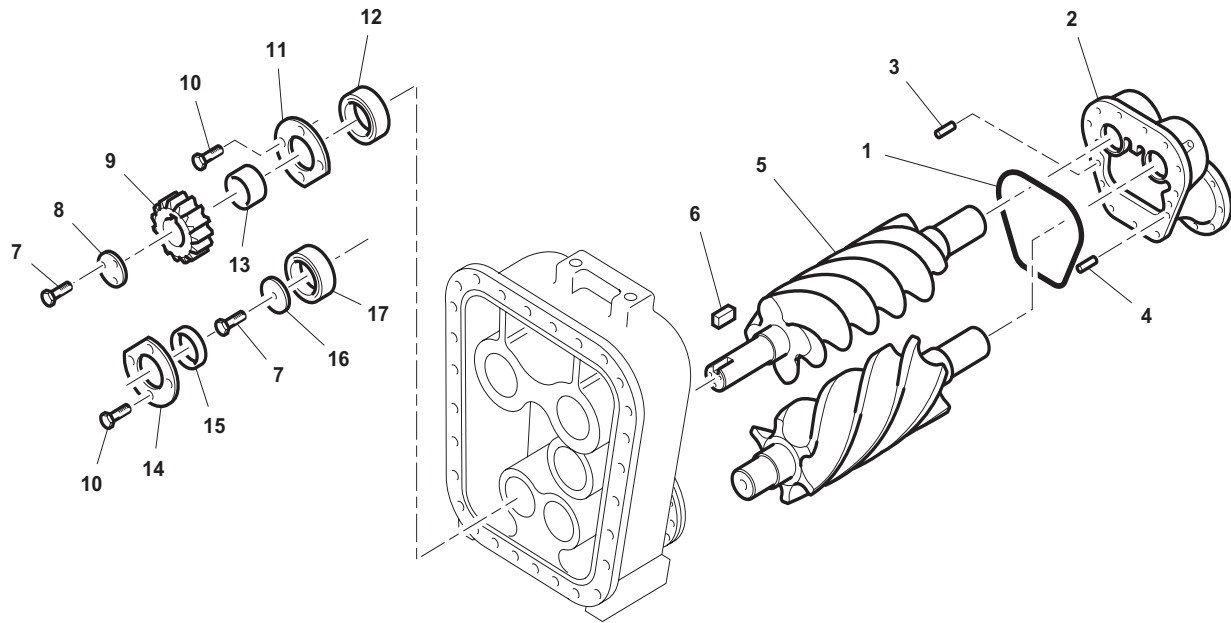
Gear Set
36763183
36746428

Airend Complete including gears
35096205

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
21	35336122	Pin, Locating	1	Continued
22	35272541	Bolt	1	
23	36737161	Housing	1	
24	35355775	O-Ring	1	
25	35271139	Bolt	1	
26	35272533	Bolt	1	
27	39101449	Plug	4	
28	92894518	Mount	2	
29	22075279	Bracket, Right	1	
	22075287	Bracket, Left	1	
30	35273937	Washer, Snubber	2	
31	92041441	Coupling Element	1	
32	54400049	Hub	1	
33	92041466	Bolt	4	
31-33	54400031	Coupling Assembly	1	
34	92041458	Pin	4	
35	89288799	Plate, Adapter	1	
36	95055349	Screw	12	

Airend Assembly - HR-2

RHP750, SHP825



Model
RHP750
SHP825

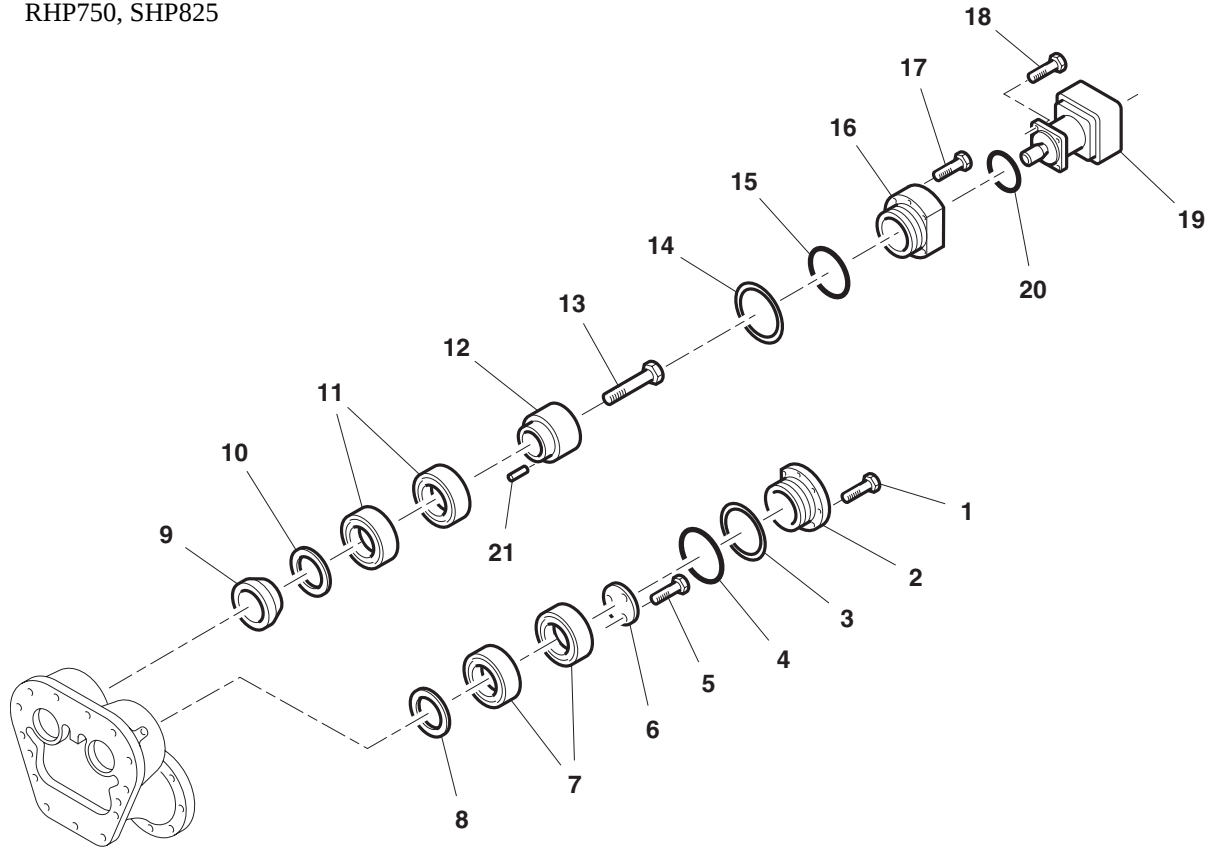
Gear Set
36763183
36746428

Airend Complete including gears
35096205

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35355791	O-Ring	1	Continued
2	36738128	Housing	1	
3	35336122	Dowel	1	
4	35336130	Dowel	1	
5	36006732	Rotor Set	1	
6	35355817	Key	1	
7	35311463	Bolt	4	
8	35300193	Plate	1	
9		Gear-Set (Refer to table)		
10	35273408	Bolt	8	
11	35355965	Plate, Retaining	1	
12	35600022	Bearing	1	
13	35355866	Spacer	1	
14	35355999	Plate, Retaining	1	
15	35355973	Spacer	1	
16	35300201	Plate	1	
17	35600014	Bearing	1	

Airend Assembly - HR-2

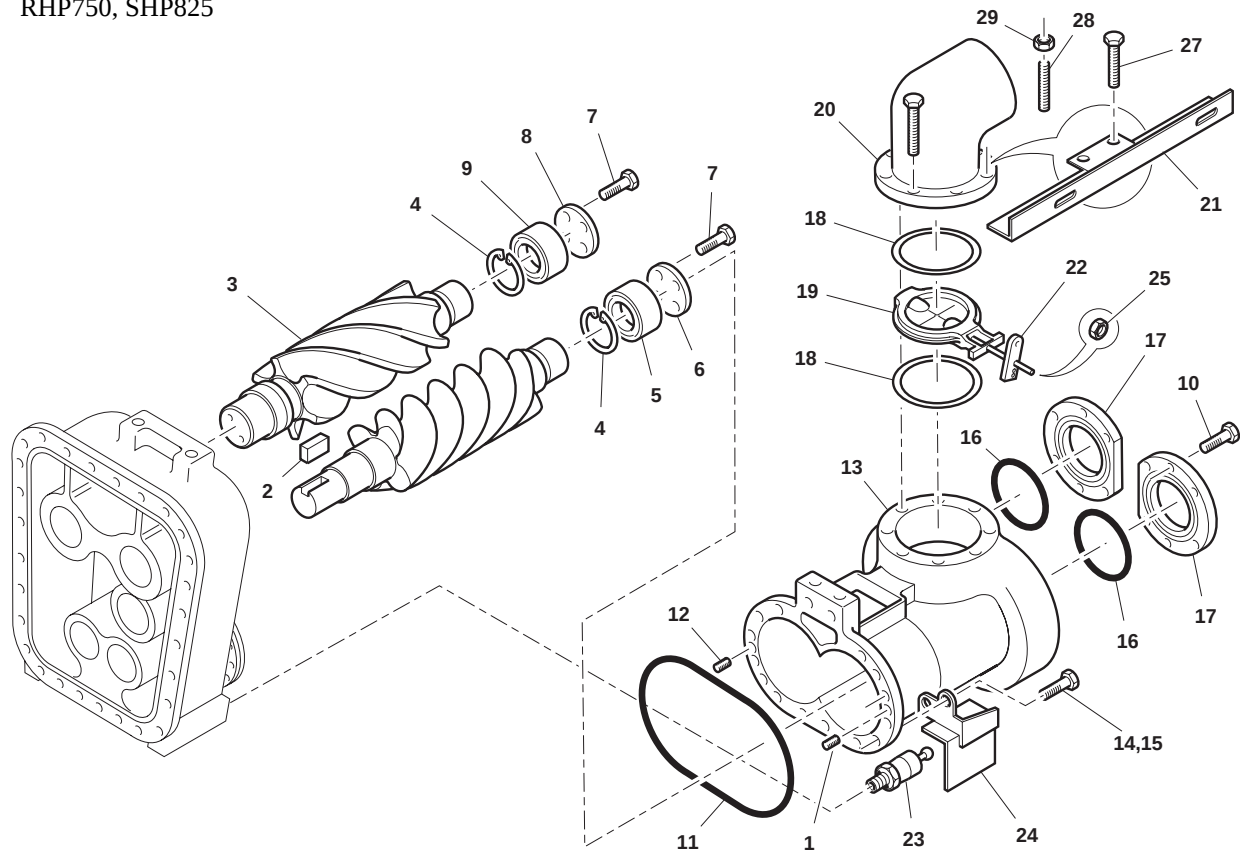
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35271188	Bolt	1	
2	35856350	Cover	1	
3	35355924	Shim Set	1	
4	95026290	O-Ring	1	
5	35311463	Bolt	1	
6	35355957	Plate	1	
7	35600113	Bearing	2	
8	35355874	Shim Set	1	
9	35355940	Piston	1	
10	35355874	Shim Set	1	
11	35600113	Bearing	2	
12	35864644	Coupling	1	
13	35369438	Bolt	1	
14	35355916	Shim Set	1	
15	95026290	O-Ring	1	
16	36500734	Cover	1	
17	39125000	Bolt	1	
18	35272533	Bolt	1	
19	35366657	Pump	1	
20	95000410	O-Ring	1	
21	95069522	Dowel	1	

Airend Assembly - HR-2

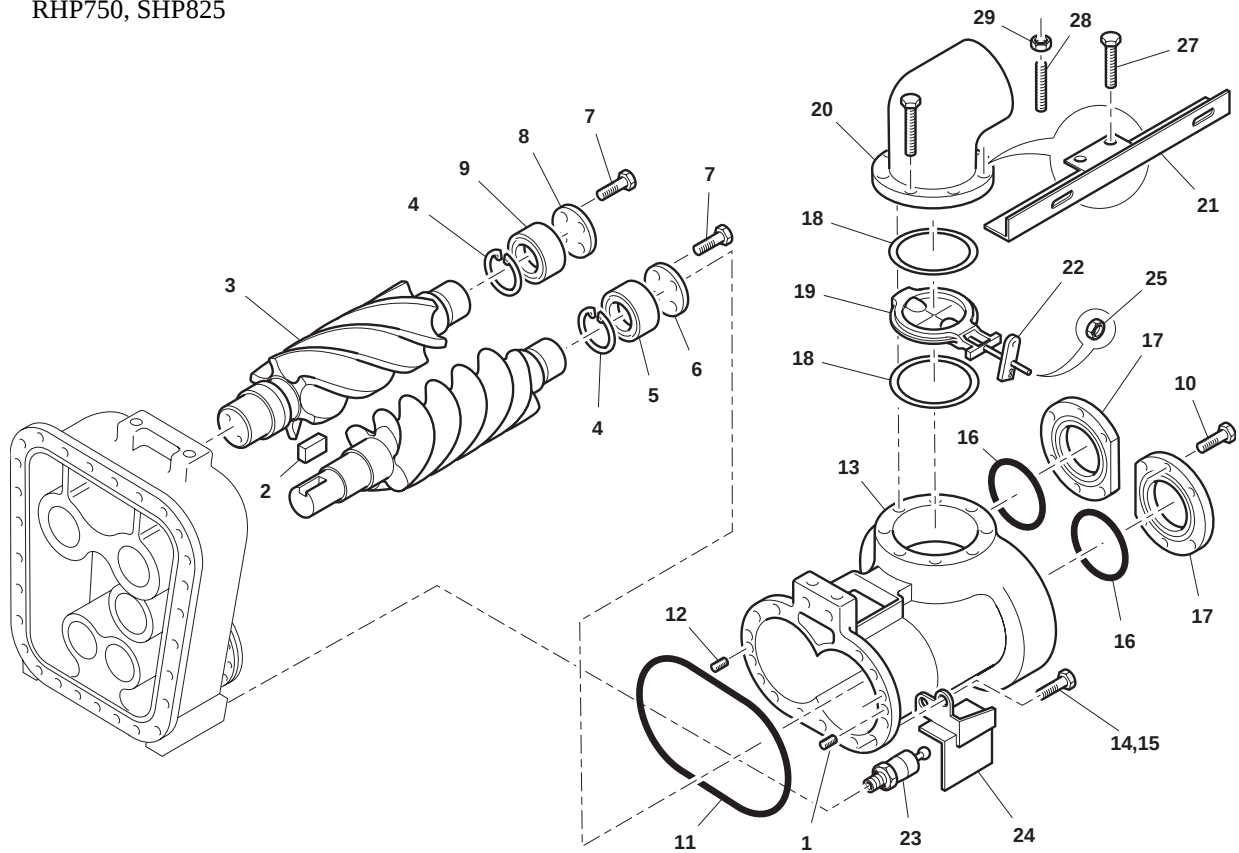
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35336122	Dowel	1	
2	35355817	Key	1	
3	35082114	Rotor Set	1	
4	95223178	Circlip	2	
5	35600030	Bearing	1	
6	35300193	Plate	1	
7	35311463	Bolt	8	
8	35300193	Plate	1	
9	35600022	Bearing	1	
10	35366251	Bolt	12	
11	35355783	O-Ring	1	
12	35336130	Dowel	1	
13	36738797	Housing	1	
14	35356039	Bolt	16	
15	35295344	Bolt	16	Continued.....

Airend Assembly - HR-2

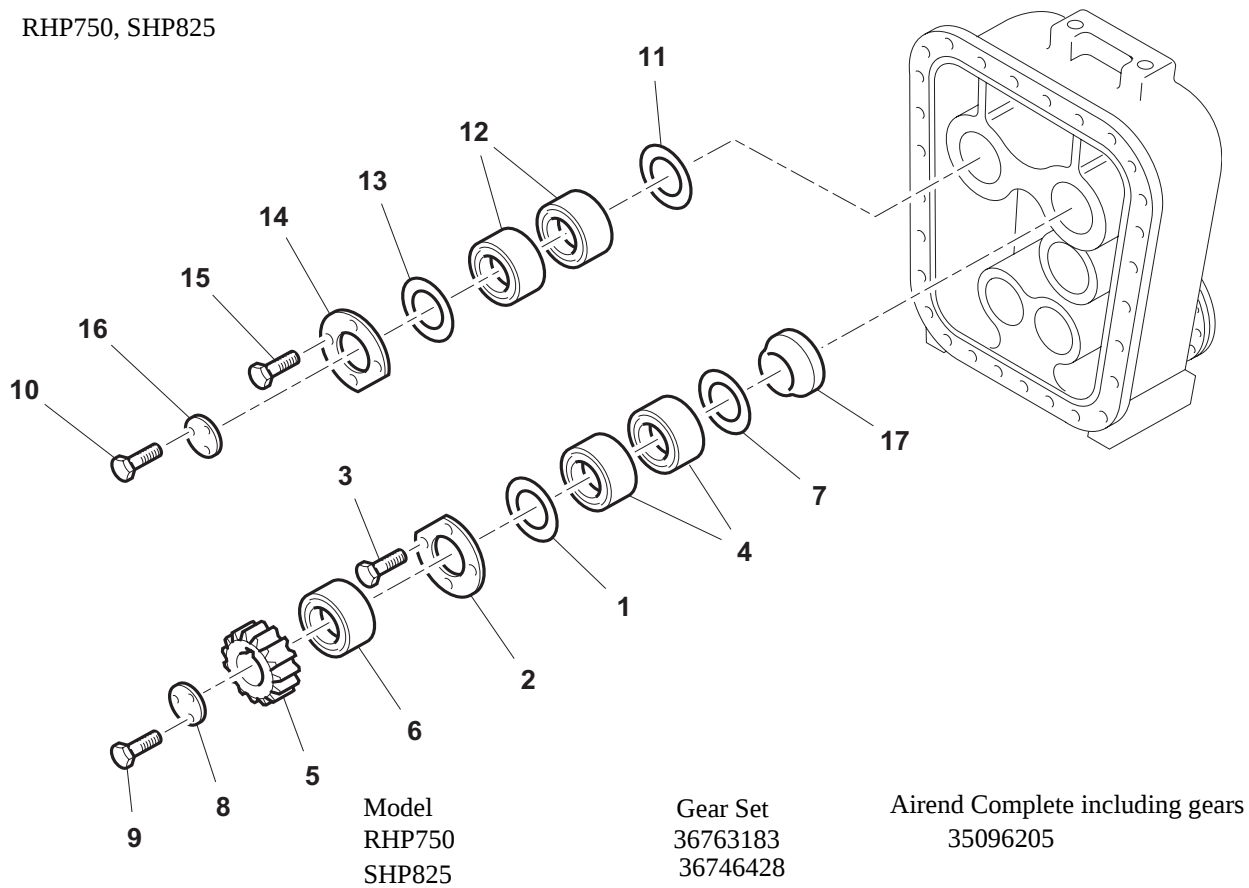
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	35355502	O-Ring	2	Continued
17	35331883	Plate	2	
18	95214524	Gasket	2	
19	35285626	Valve	1	
20	22075295	Flange	1	
21	89201768	Bracket	1	
22	89252126	Lever	1	
23	36845030	Valve, Safety	1	
24	36845048	Cover	1	
25	92421353	Nut	1	
26	92764372	Screw	6	
27	96700919	Screw	2	
28	96790717	Stud	2	
29	33297340	Nut	2	

Airend Assembly - HR-2

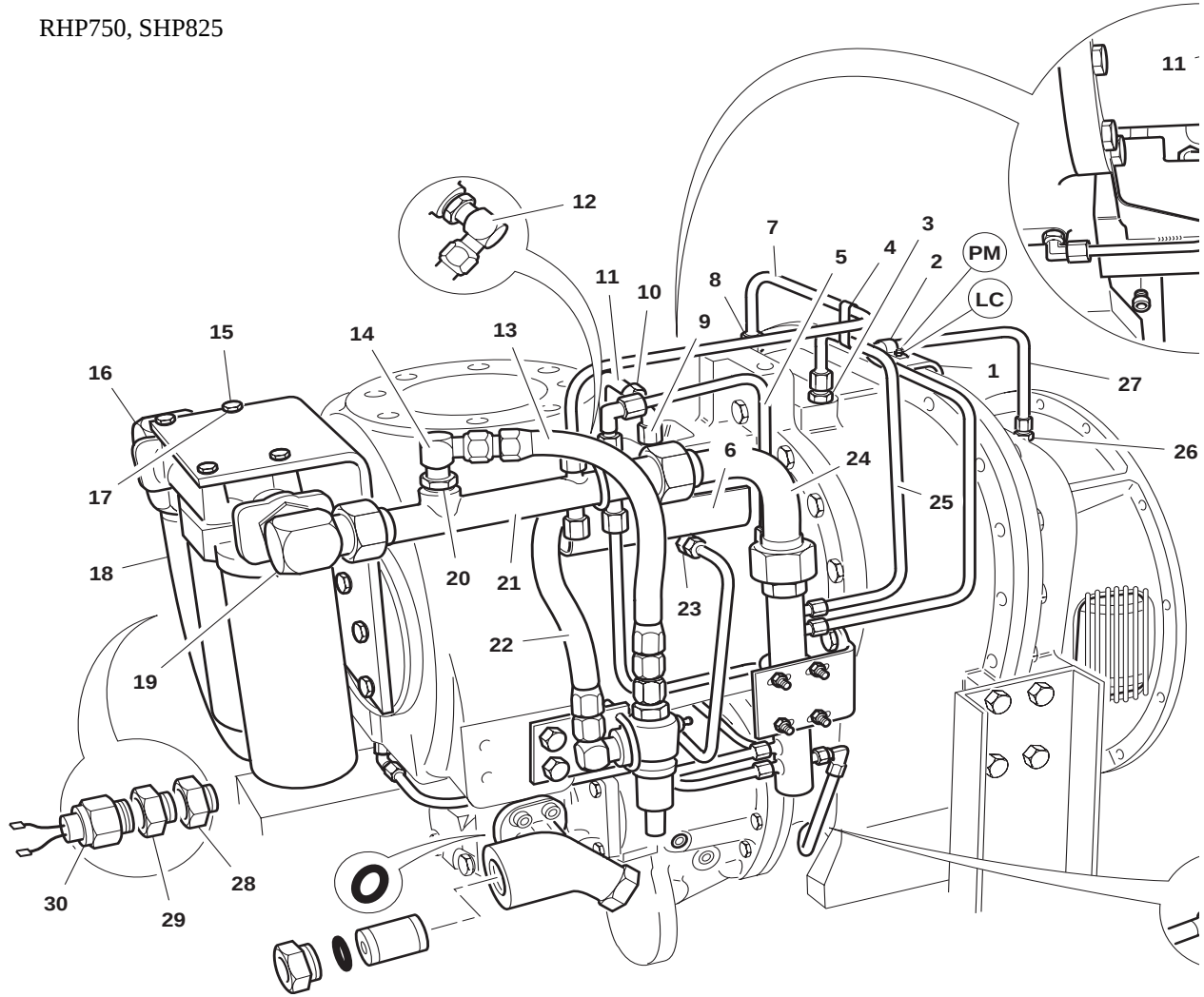
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35355767	Shim Set	1	
2	36501013	Plate	1	
3	35271154	Bolt	6	
4	35605203	Bearing	2	
5		Gear-Set (Refer to Table)		
6	35355841	Spacer	1	
7	35355825	Shim Set	1	
8	35355858	Plate	1	
9	36763704	Bolt	3	
10	35311463	Bolt	3	
11	35355833	Shim Set	1	
12	35600105	Bearing	2	
13	35355767	Shim Set	1	
14	35856418	Plate, Retaining	1	
15	92304393	Bolt	6	
16	35300193	Plate	1	
17	35602457	Piston	1	

Airend Pipework

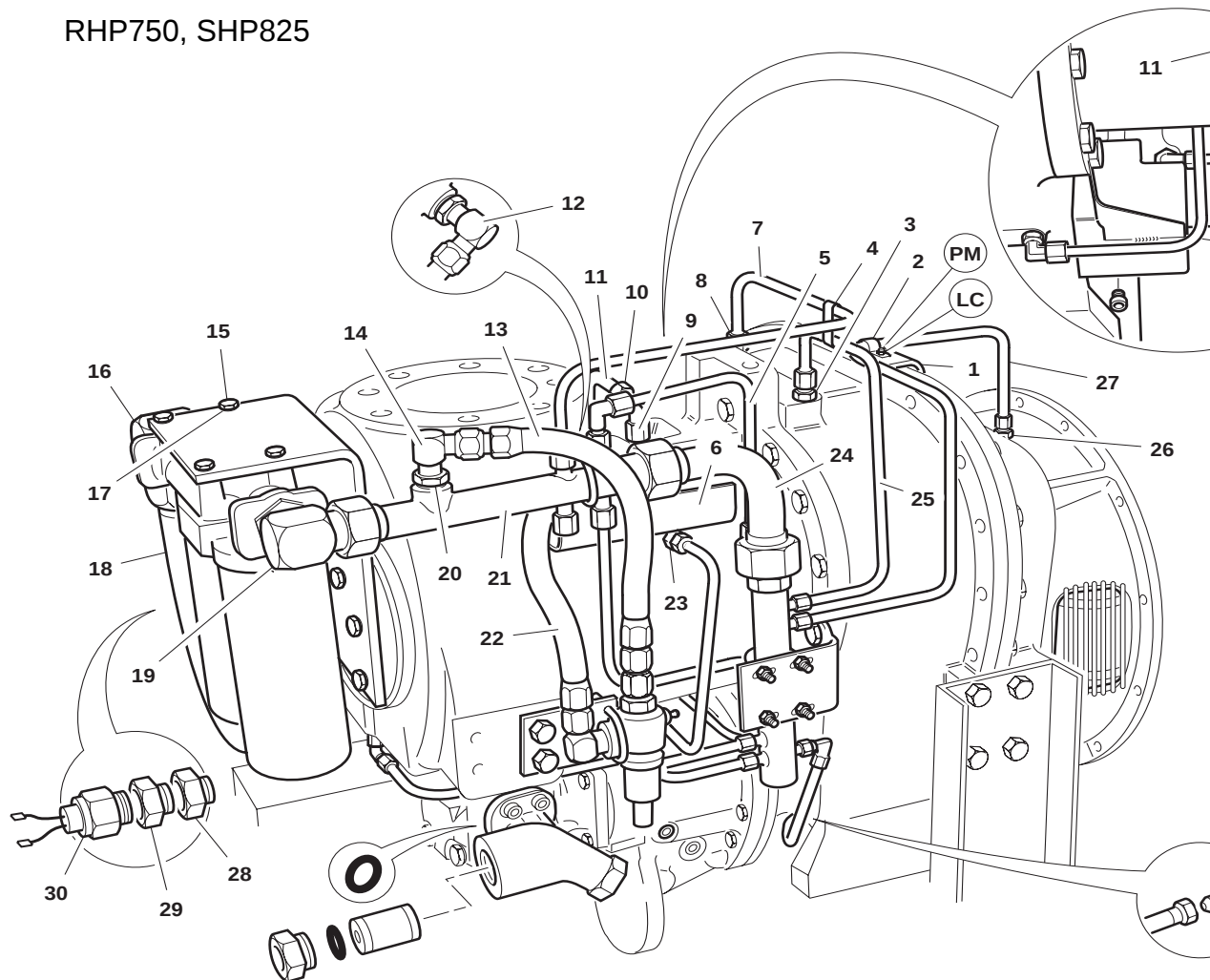
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35863885	Bracket	1	Continued.....
2	35253038	Clamp	1	
3	35364991	Connector	1	
4	35253038	Clamp	2	
5	36743797	Tube Assembly	1	
6	36746626	Bracket	1	
7	36850584	Tube Assembly	1	
8	35287895	Connector	1	
9	35294156	Connector	1	
10	35287911	Elbow	1	
11	36743896	Tube Assembly	1	
12	35294727	Elbow	1	
13	35287721	Hose Assembly	1	
14	35294735	Elbow	1	
15	92272368	Setscrew	4	

Airend Pipework

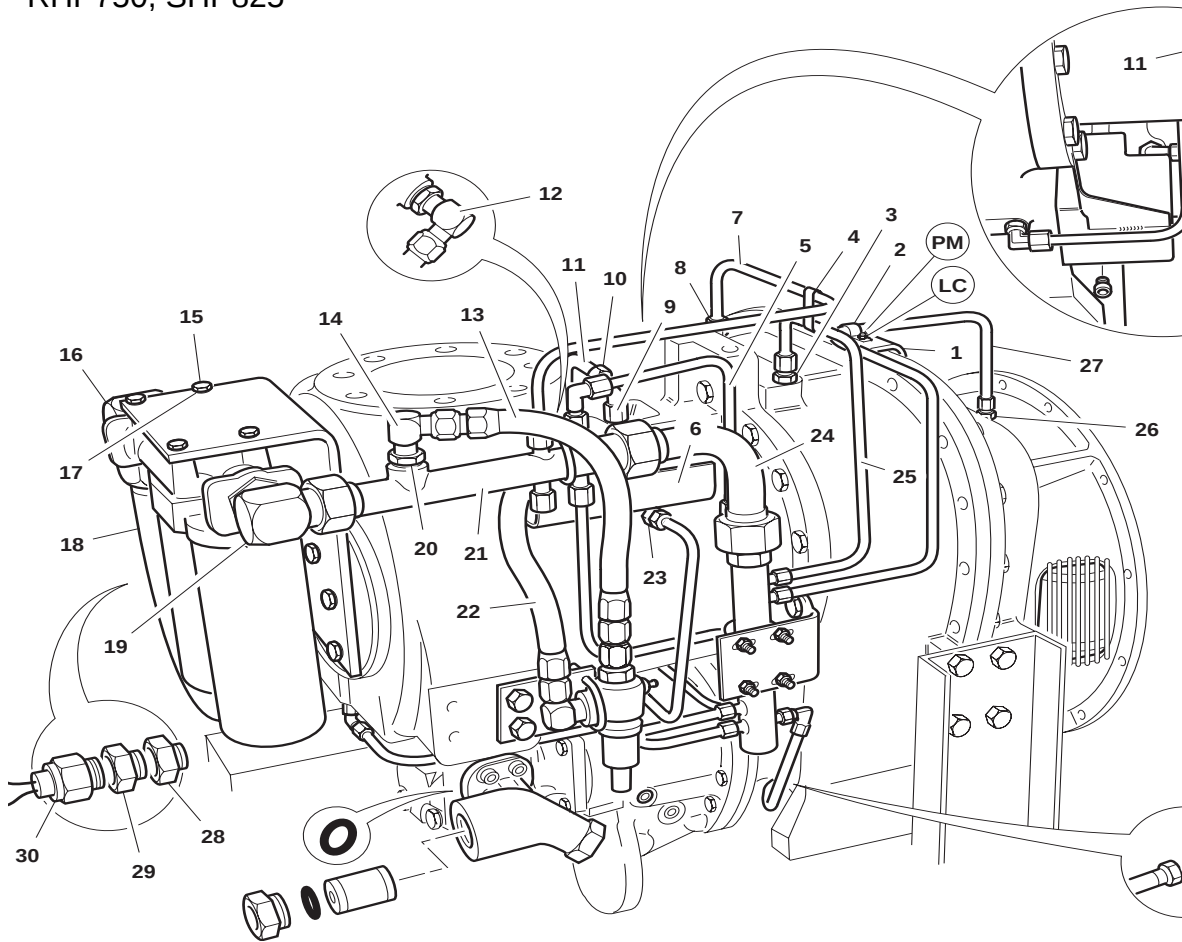
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	95431292	Elbow	1	Continued
17	92304617	Washer	4	
18	36758357	Tube Assembly	1	
19	95431292	Elbow	1	
20	95038048	Bush, Reducing	1	
21	36743722	Tube Assembly	1	
22	35294677	Hose Assembly	1	
23	35288166	Connector	1	
24	35861137	Elbow	1	
25	36743870	Tube Assembly	1	
26	35364991	Connector	1	
27	36745669	Tube Assembly	1	
28	35302314	Adaptor	1	
29	95930301	Bush, Reducing	1	
30	36757581	Switch, Oil Pressure	1	

Airend Pipework

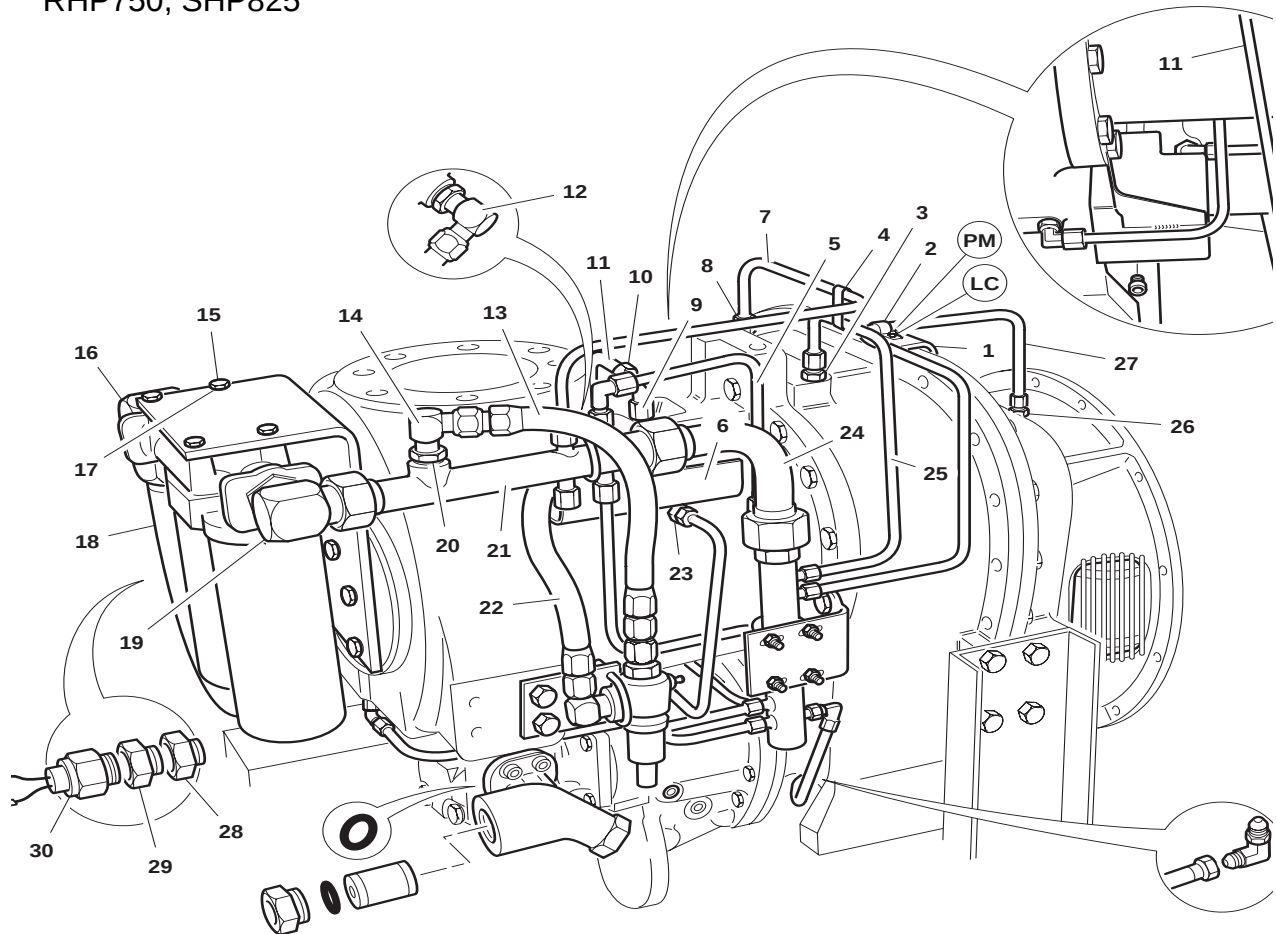
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35606490	Elbow	1	
32	36846517	Bracket	1	
33	36506756	U-Bolt	1	
34	35309715	Screw	2	
35	35294735	Elbow	1	
36	95293320	Connector	1	
37	36743805	Tube Assembly	1	
38	35092279	Filter Assembly	1	
39	36846707	Valve, Safety	1	
40	35287556	Plug	1	
41	36743912	Tube Assembly	1	
42	36743920	Tube Assembly	1	
43	35606490	Elbow	1	
44	36748093	Tube Assembly	1	
45	35283068	Elbow	1	
46	36745792	Bracket	1	Continued.....

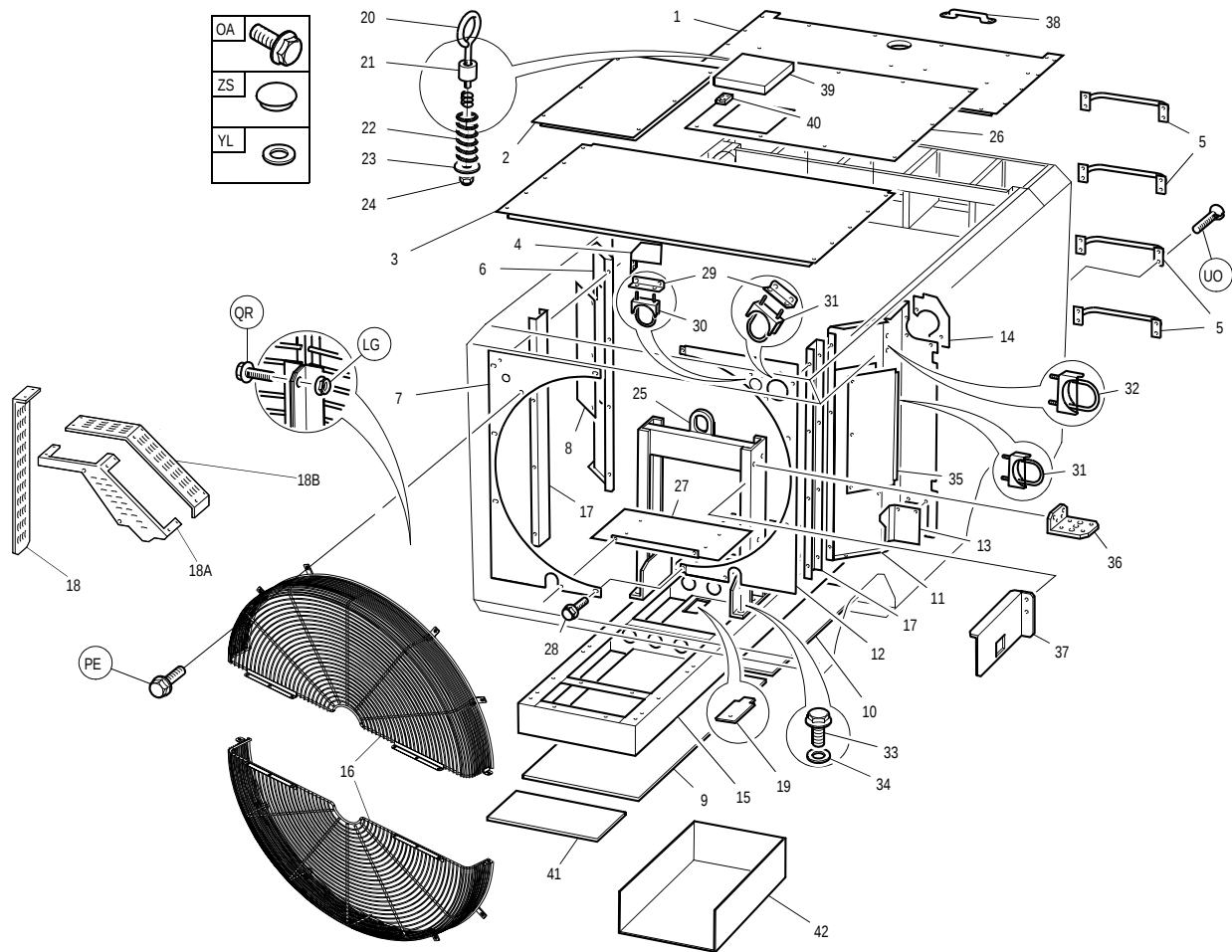
Airend Pipework

RHP750, SHP825



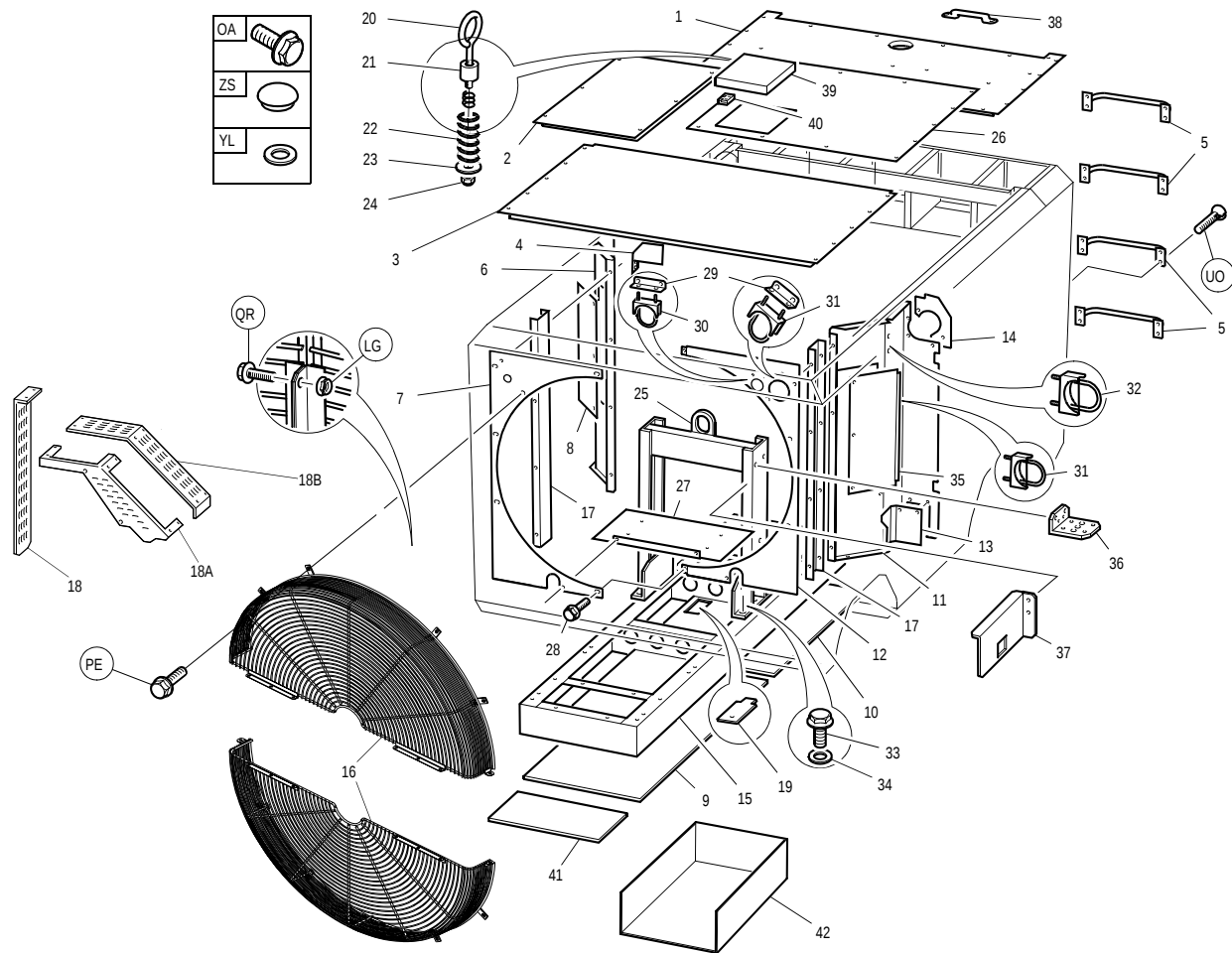
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
47	35306638	U-Bolt	2	Continued
48	36798205	Cover	1	
49	35287556	Plug	1	
50	35287895	Connector	1	
51	36743904	Tube Assembly	1	
52	35279827	Elbow	1	
53	35279827	Elbow	1	
54	36743961	Manifold	1	
55	36748101	Tube Assembly	1	
56	35609098	Plug	1	
57	35277797	O-Ring	1	
58	35370063	Element	1	
59	95357943	O-Ring	1	
60	36759447	Bracket	1	
61-62	36756120	Filter Assembly	1	
62	36860336	Element	2	

Enclosure



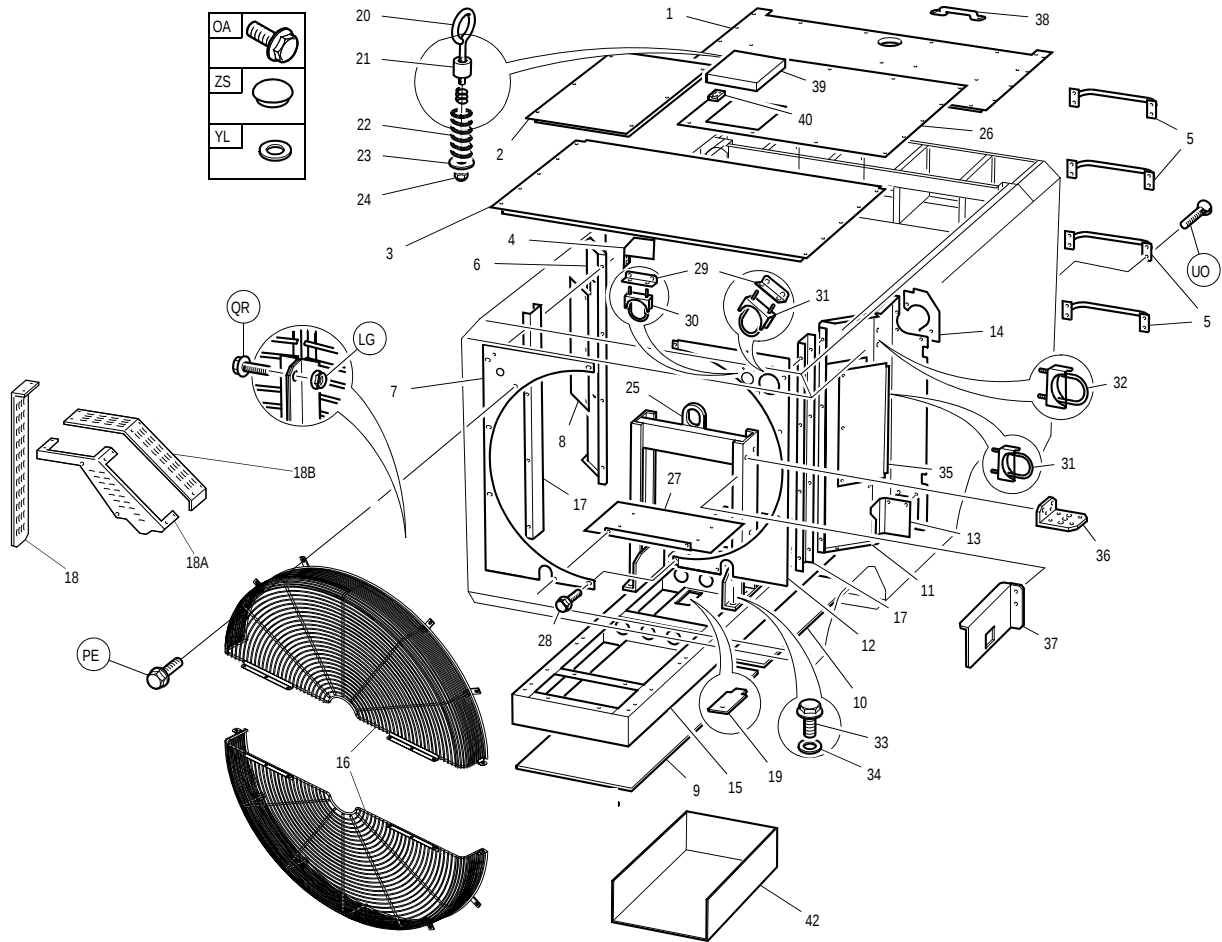
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22081988	Panel	1	
2	22123301	Panel	1	
3	22123095	Panel	1	
4	22267322	Angle, Cooler Seal	1	
5	89287957	Handrail	4	
6	22127492	Panel, Right Hand	1	
7	22079685	Panel, Right Hand, Orifice	1	
8	22181069	Panel, Cover, Right Hand	1	
9	22133425	Undertray (Front)	1	
10	22132898	Undertray (Right)	1	
11	22699490	Panel, Left Hand	1	
*11a	36889608	Screw	6	
*11b	36881886	Nut	6	
*11c	56797652	Screw		
12	22079677	Panel, Left Hand, Orifice	1	
13	22123418	Cover	1	Continued.....

Enclosure



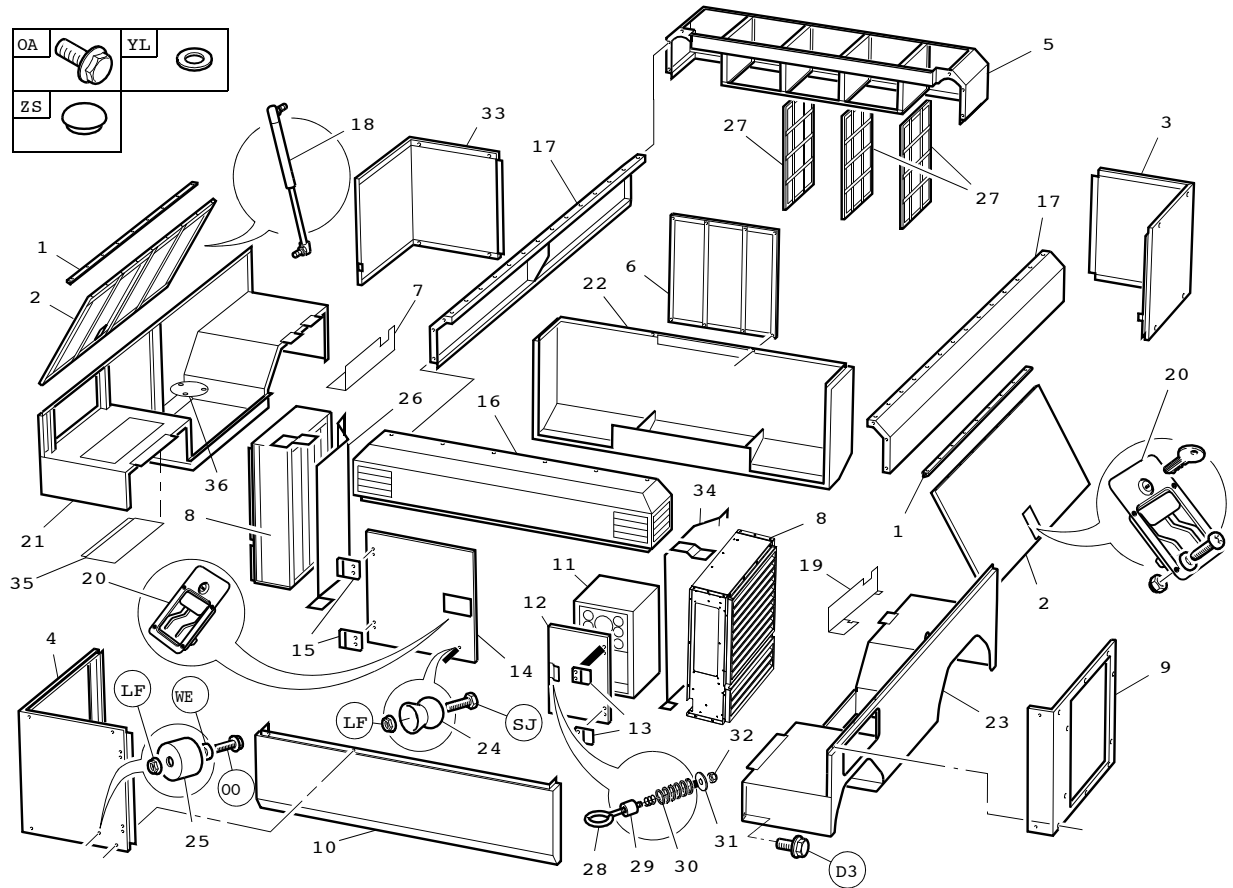
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053409	Cover	1	Continued
15	54566781	Frame	1	
16	22193031	Guard	2	
17	22079651	Panel, Baffle Fan, Orifice	2	
18	22200273	Guard, Side Belt	1	
18A	22200745	Guard, Support Belt	1	
18B	22200737	Guard, Top Belt	1	
19	89299945	Cover	1	
20	89297600	Bolt, Eye	1	
21	89297618	Spacer	1	
22	89799840	Spring	1	
23	92042241	Washer, Nylon	1	
24	92304559	Locknut	1	
25	22150353	Bail, Lifting	1	
*25a	35272588	Screw	6	
				Continued.....

Enclosure



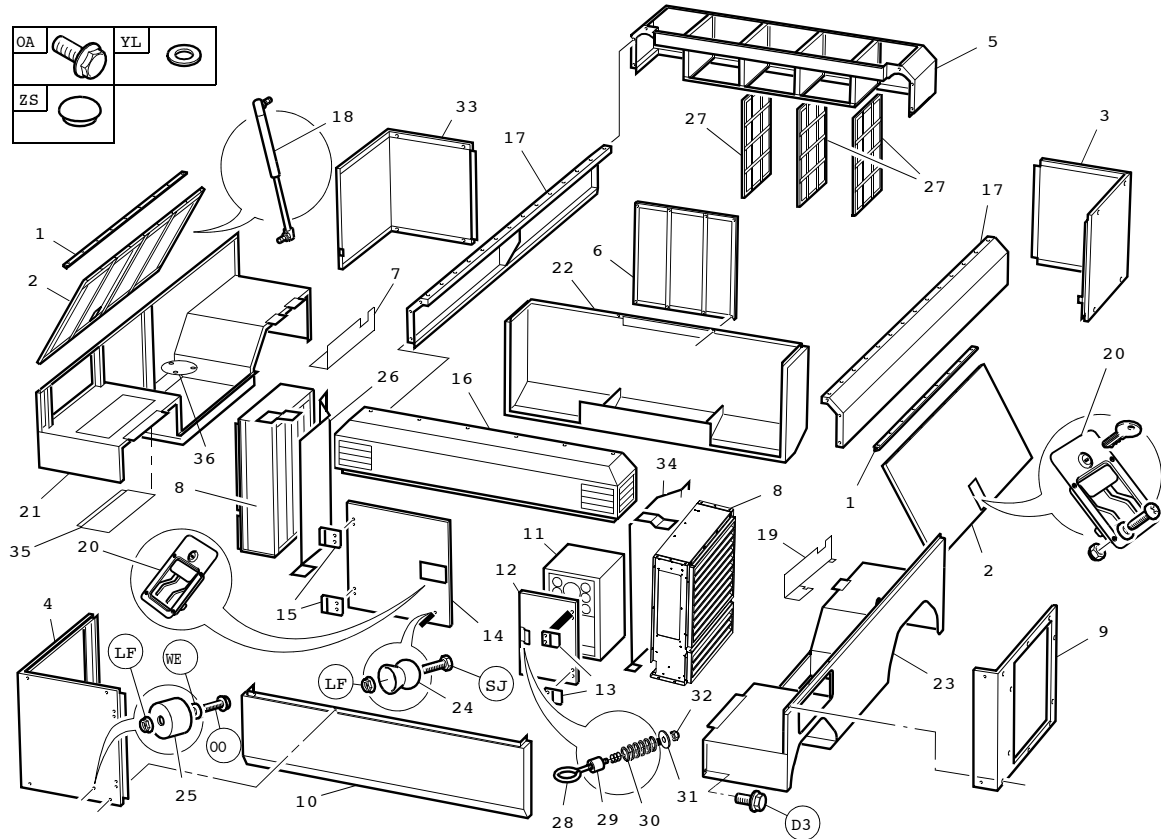
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
*25b	92391382	Washer	6	Continued
26	22123236	Panel	1	
27	22079750	Panel, (SRG)	1	
28	36889608	Screw	2	
29	22097448	Bracket	2	
30	35209048	Clamp	1	
31	35113646	Clamp	2	
32	35127653	Clamp	1	
33	35272558	Screw	6	
34	92391382	Washer	6	
35	22181077	Panel, Cover, Left Hand	1	
36	99259525	Bracket, Fuel Filter	1	
37	22365787	Bracket, Relay	1	
38	35130707	Hand Hold	1	
39	22123285	Door, Lift Bail	1	
40	88152392	Hinge	1	
42	22441927	Box, Undertray	1	

Enclosure



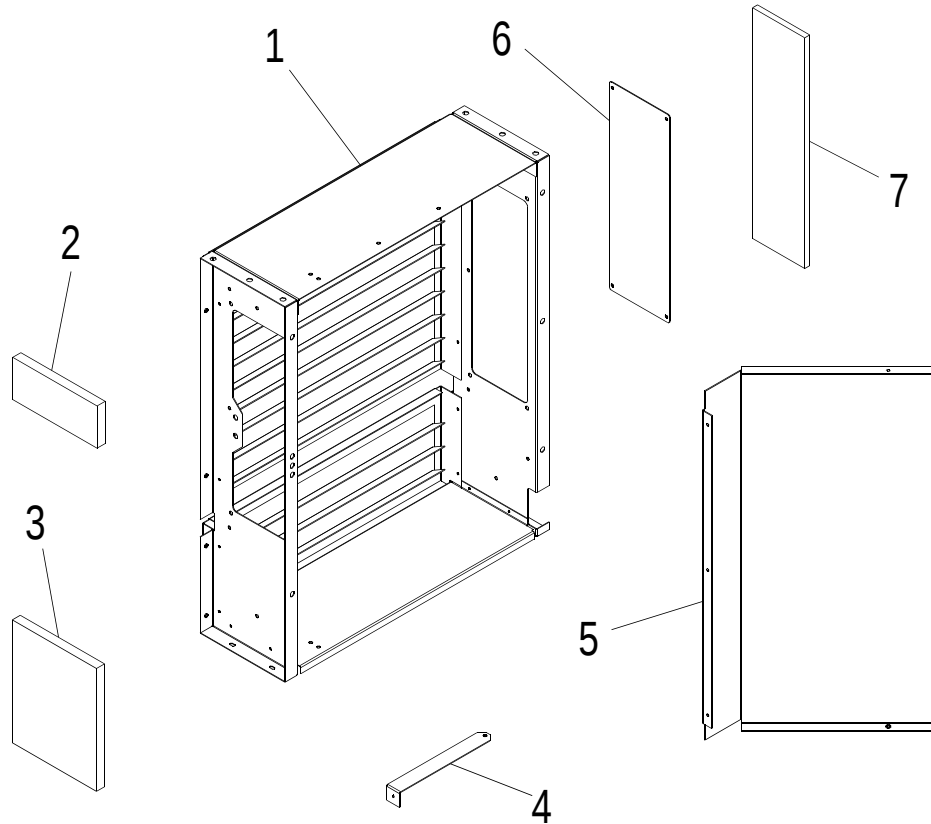
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912419	Hinge	2	Continued.....
2	22123368	Door Assembly	2	
3	22184907	Panel	1	
4	22464283	Panel, Right	1	
5	22341796	Duct	1	
6	22123384	Door Assembly	1	
7	22668362	Air Duct	1	
	22857643	Air Duct (Aftercooler Option)	1	
8	22871750	Duct	2	
9	22464275	Panel	1	
10	22122980	Panel (SRG)	1	
11	22103287	Panel, Instrument Box	1	
12	22122972	Door	1	
13	89287684	Hinge	2	
14	22185037	Door Assembly	2	
15	89287692	Hinge	4	
16	22667976	Panel	1	

Enclosure



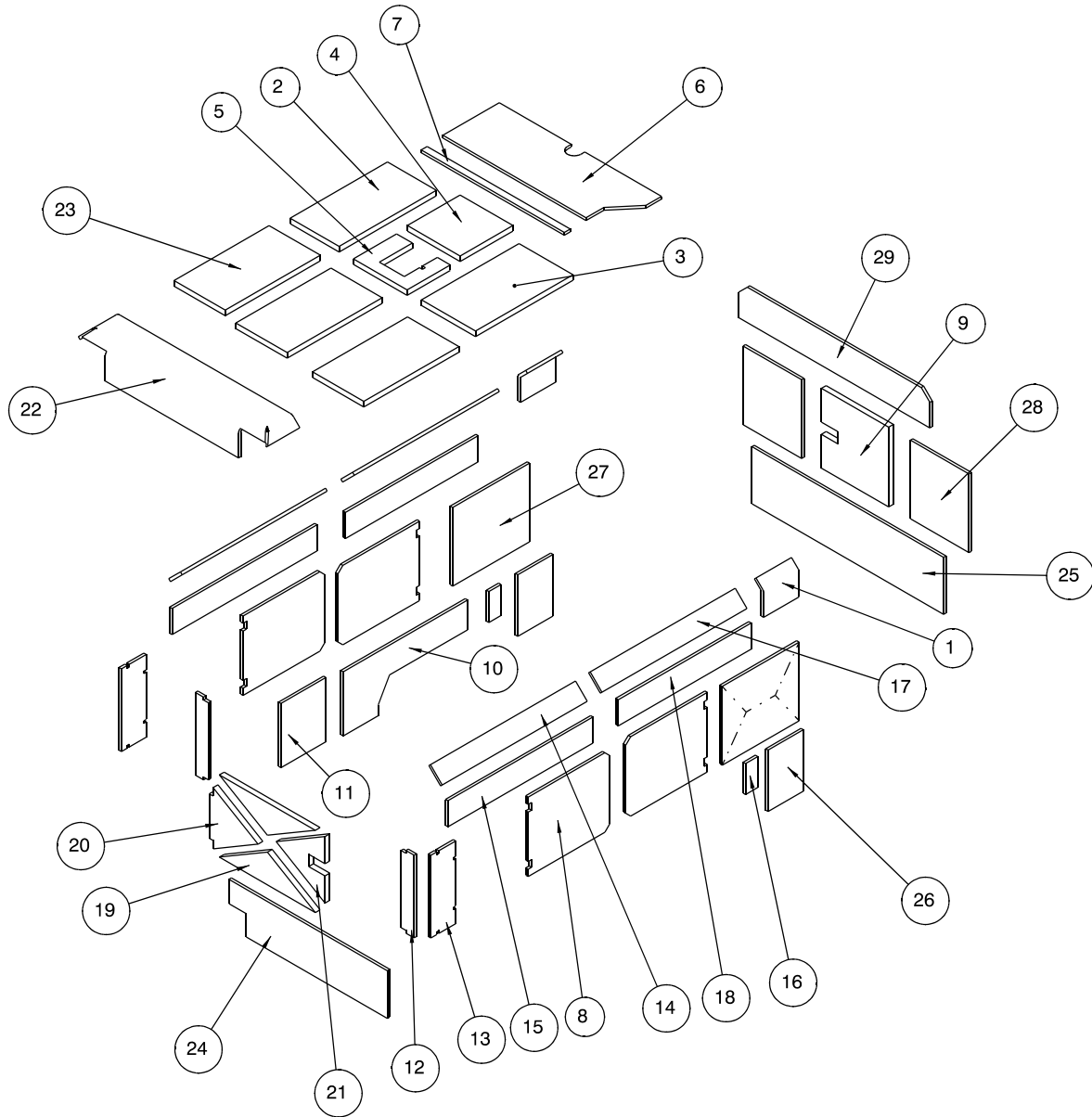
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	54443213	Spring, Gas	4	Continued
19	22669980	Air Duct	1	
20	89288757	Lock	4	
21	22122956	Panel, (SRG)	1	
22	22339337	Panel, (SRG)	1	
23	22122998	Panel, (SRG)	1	
24	92922863	Catch (Male) CE & HA	3	
25	92922855	Catch (Female)	2	
26	22740385	Baffle (No Aftercooler)	1	
27	22123335	Baffle	3	
28	22104756	Bolt, Eye	1	
29	89297618	Spacer	2	
30	89799840	Spring	1	
31	92042241	Washer, Nylon	1	
32	92304559	Locknut	1	
33	22184899	Panel, Left	1	
34	22740385	Baffle	1	
35	54722152	Cover	1	
36	22432850	Cover (SRG)	1	

Enclosure Intake Duct Assembly



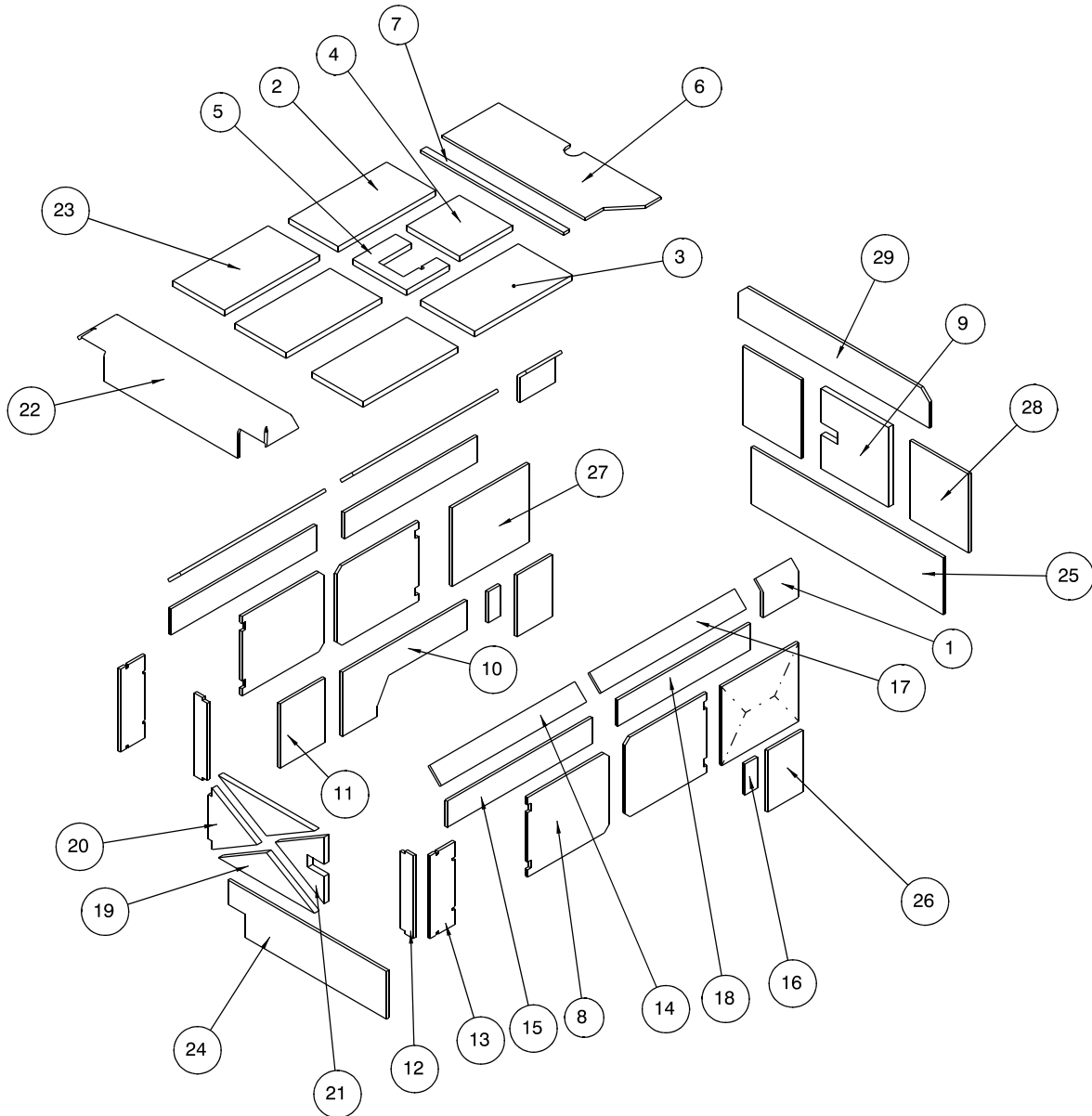
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22871750	Intake Duct	1	
2	22889513	Foam	1	
3	22889430	Foam	1	
4	22885776	Support, Bracket	1	
5	22872782	Baffle, Internal	1	
6	22872808	Cover	1	
7	22147045	Foam	1	

STRG Exterior Foam



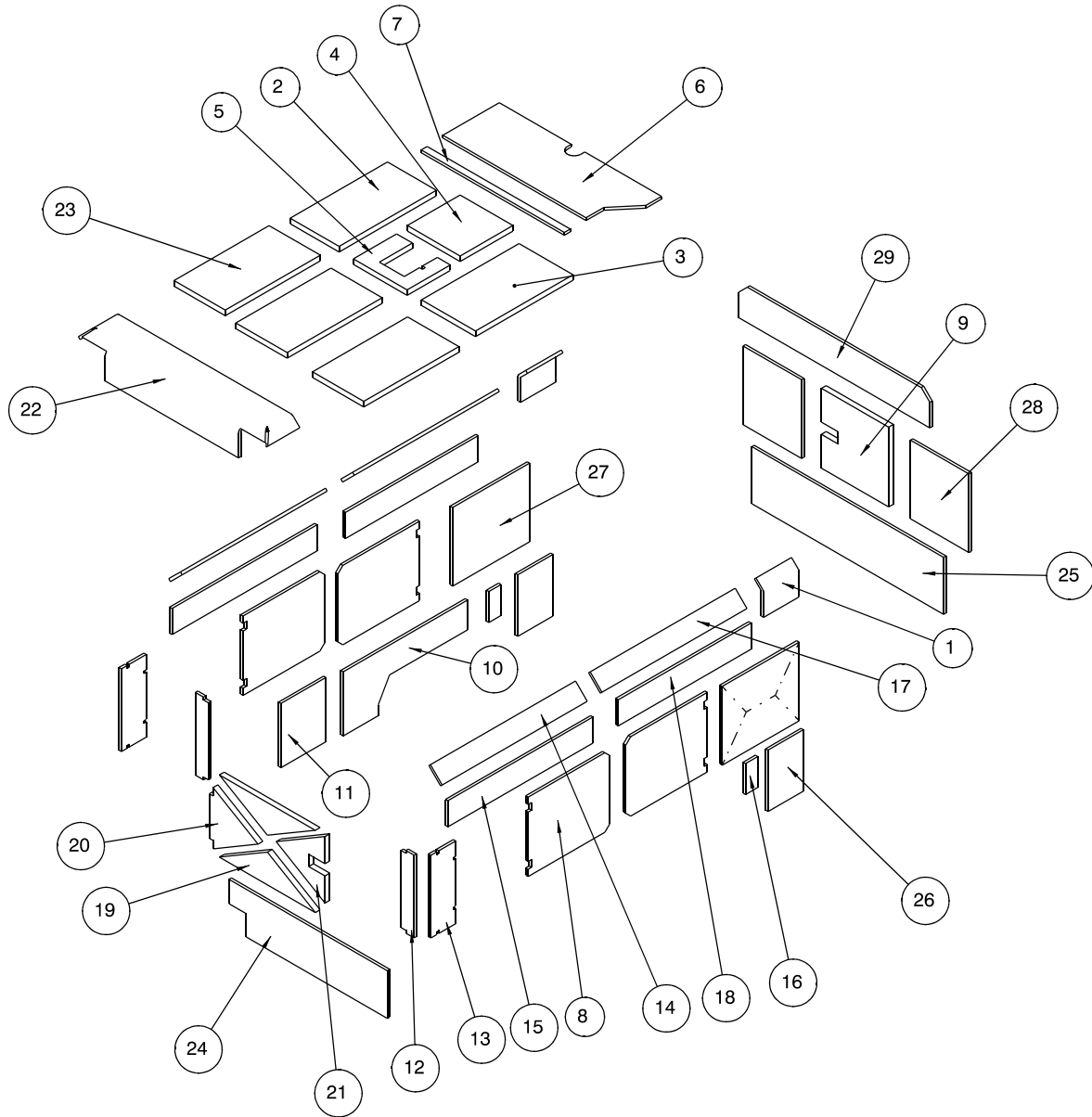
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	Continued.....
2	22110852	Foam	1	
3	22110860	Foam	1	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22124218	Foam	1	
10	22146989	Foam	1	
11	22147029	Foam	1	
12	22649586	Foam	2	

STRG Exterior Foam



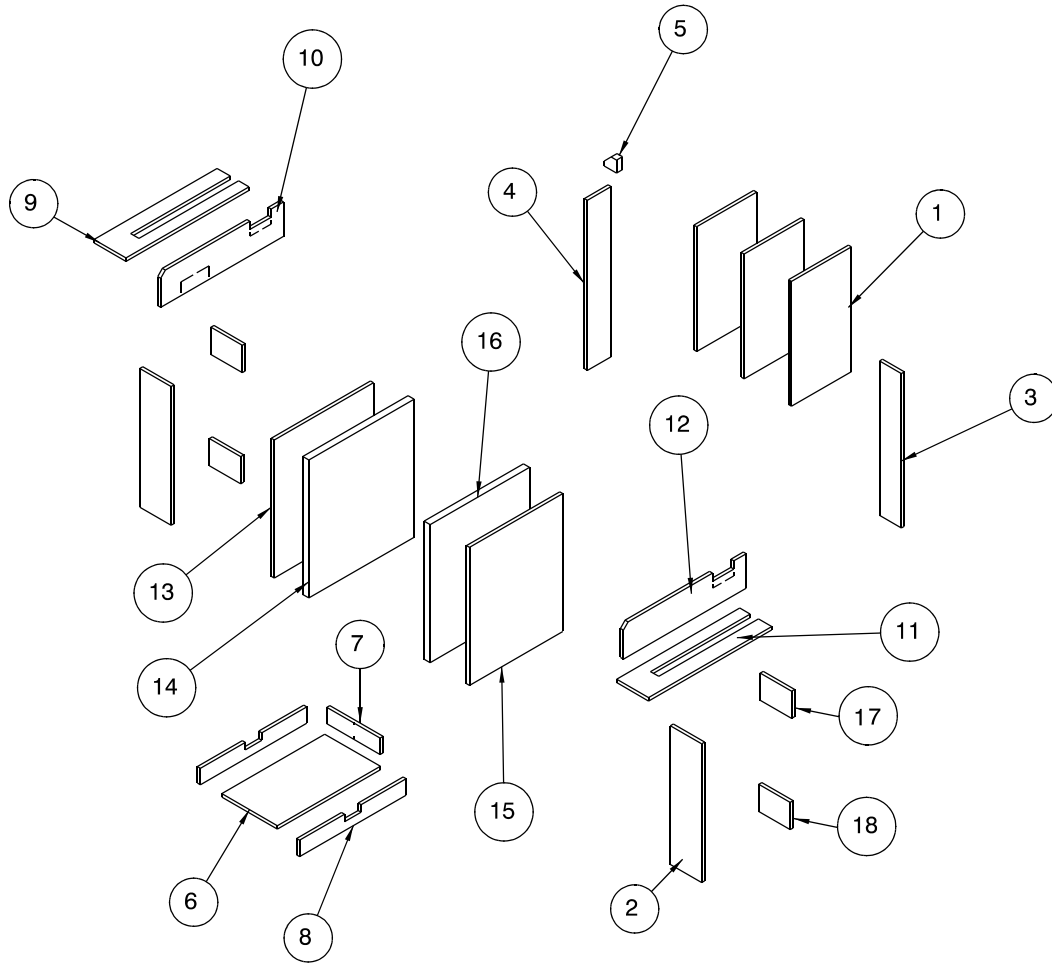
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22147227	Foam	2	Continued
14	22148357	Foam	2	
15	22148365	Foam	2	
16	22149199	Foam	2	
17	22149207	Foam	2	
18	22149355	Foam	2	
19	22265839	Foam	2	
20	22265847	Foam	1	
21	22265854	Foam	1	
22	22752133	Foam	1	
23	22857940	Foam	3	
24	54375845	Foam	1	
				Continued.....

STRG Exterior Foam



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
25	89286041	Foam	1	 <i>Continued</i>
26	89286058	Foam	2	
27	89286157	Foam	2	
28	89286165	Foam	2	
29	89286306	Foam	1	

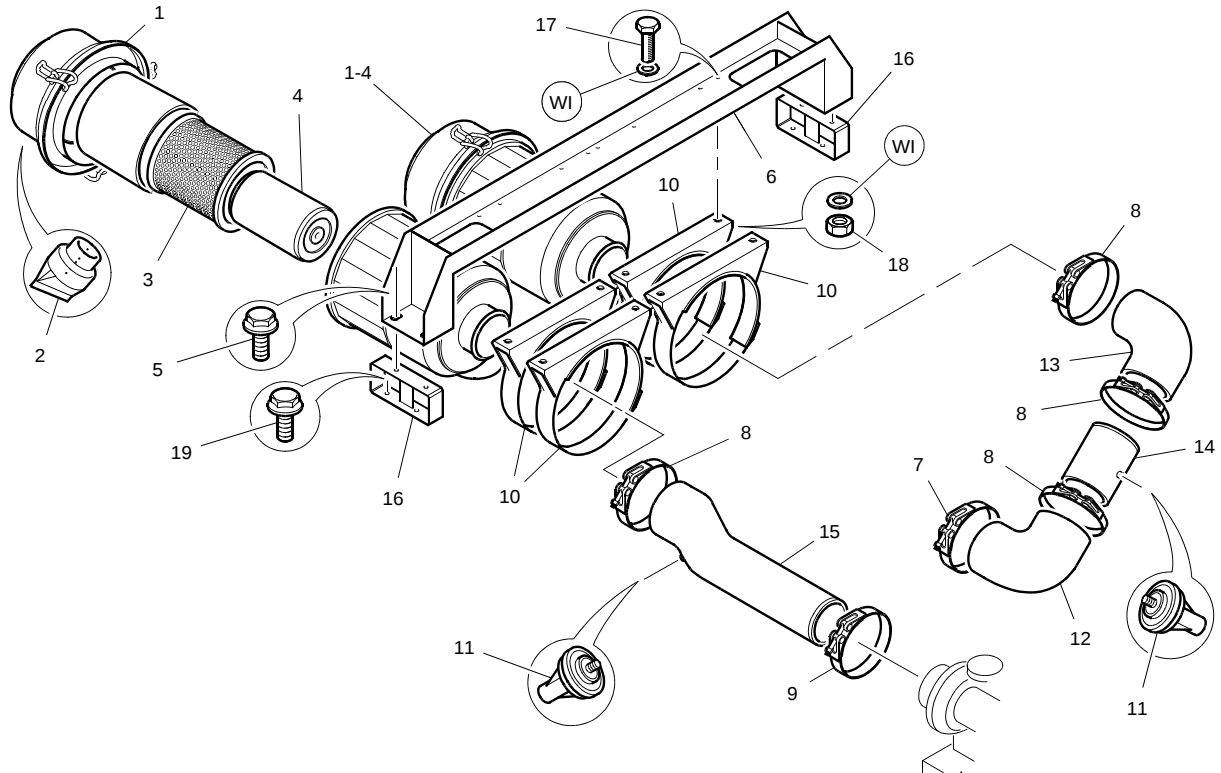
STRG Interior Foam



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056188	Foam	3	
2	22147045	Foam	2	
3	22148894	Foam	1	
4	22265748	Foam	1	
5	22267330	Foam	1	
6	22306674	Foam	1	
7	22306690	Foam	1	
8	22441935	Foam	2	
9	22669964	Foam	1	
10	22669972	Foam	1	
11	22671424	Foam	1	
12	22671432	Foam	1	
13	22740484	Foam	1	
14	22740492	Foam	1	
15	22740484	Foam	1	
16	22740492	Foam	1	
17	22889513	Foam	2	
18	22889430	Foam	2	

Air Intake System

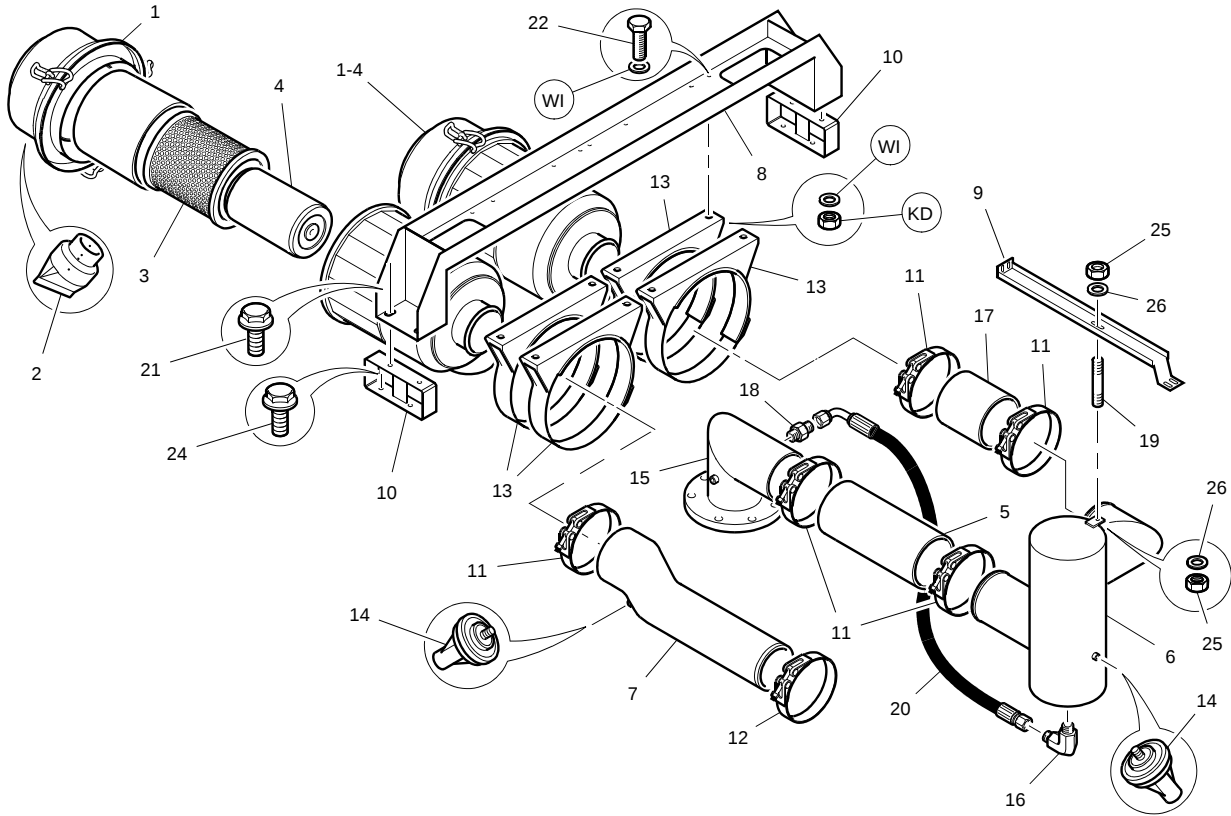
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	92055300	Filter, Air	2	
1	92035963	Cap	2	
2	89304851	Valve	2	
3	92035948	Element, Air Filter (Main)	2	
4	92035955	Element, Air Filter (Safety)	2	
5	35279025	Screw	4	
6	22123475	Support	1	
7	35119858	Clamp	1	
8	35123496	Clamp	4	
9	36897668	Clamp	1	
10	92053875	Clamp	4	
11	36847838	Indicator, Air Restriction	2	
12	89288005	Elbow	1	
13	35281336	Elbow	1	
14	22258545	Pipe	1	
15	22093942	Hose	1	
16	22348064	Bracket	2	
17	35271170	Screw	8	
18	36881886	Nut	8	
19	36889608	Screw	4	

Air Intake System

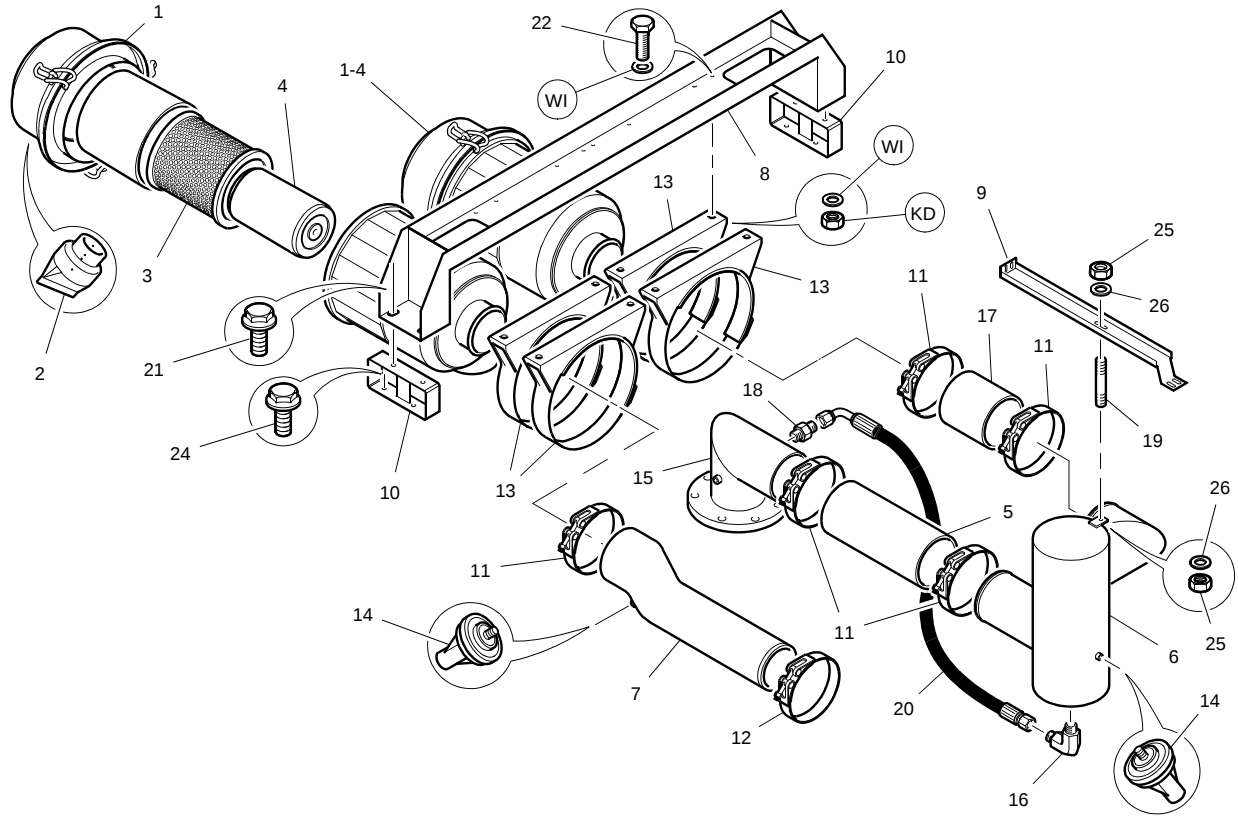
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	92055300	Filter, Air	2	Continued.....
1	92035963	Cap	2	
2	89304851	Valve	2	
3	92035948	Element, Air Filter (Main)	2	
4	92035955	Element, Air Filter (Safety)	2	
5	22173868	Hose	1	
6	22258529	Duct	1	
7	22093942	Hose	1	
8	22123475	Support	1	
9	22258115	Bracket	1	
10	22348064	Bracket	2	
11	35123496	Clamp	5	
12	36897668	Clamp	1	
13	92053875	Clamp	4	
14	36847838	Indicator, Air Restriction	2	
15	22075295	Flange	1	
16	92394279	Elbow	1	
17	89299440	Hose	1	
18	92042936	Connector	1	
19	89289383	Stud	1	

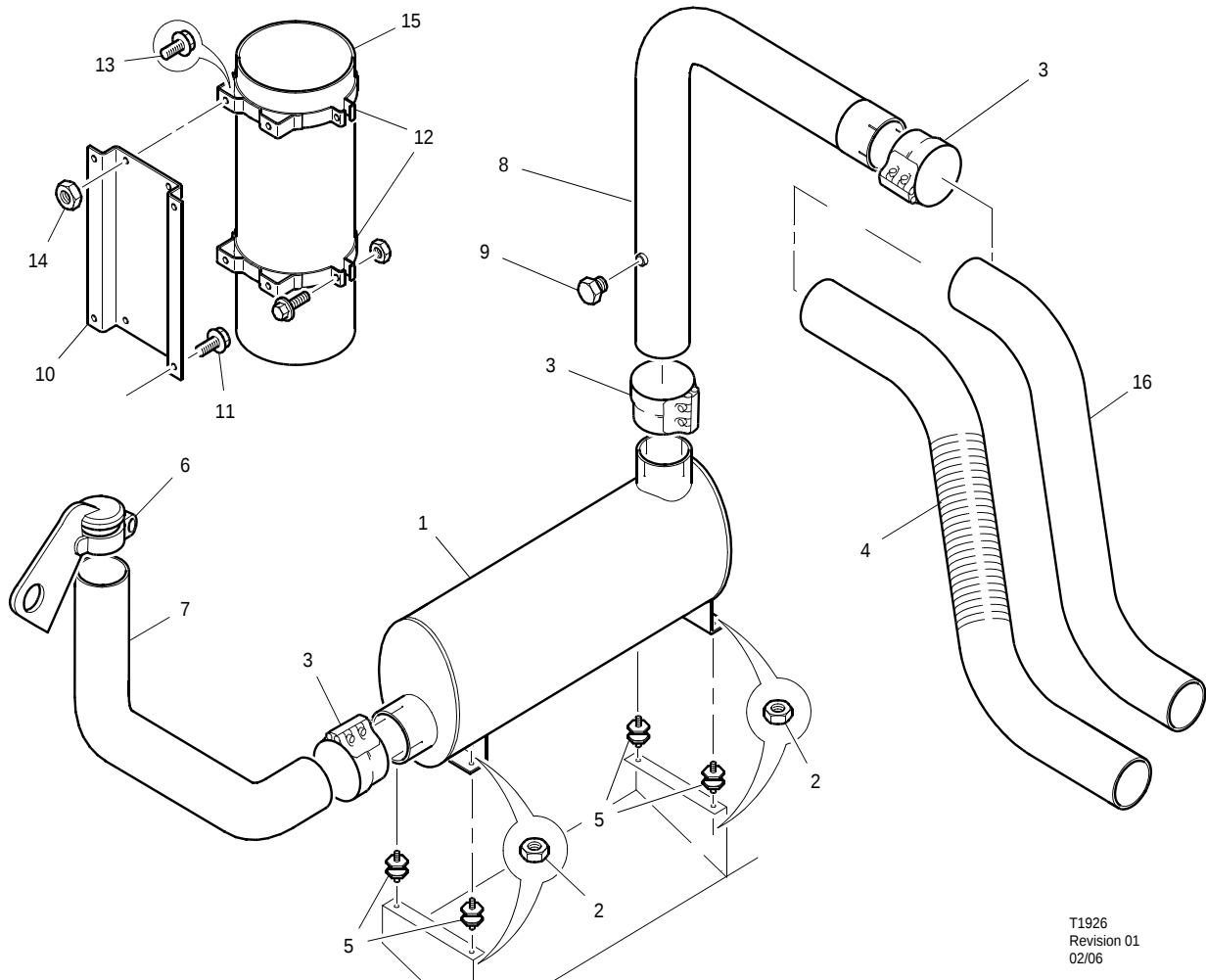
Air Intake System

RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
20	92079474	Hose Assembly	1	Continued
21	35279025	Screw	4	
22	35271170	Screw	8	
23	36881886	Nut	8	
24	36889608	Screw	4	
25	96735543	Nut	2	
26	95934998	Washer	2	
27	95930301	Bushing	1	

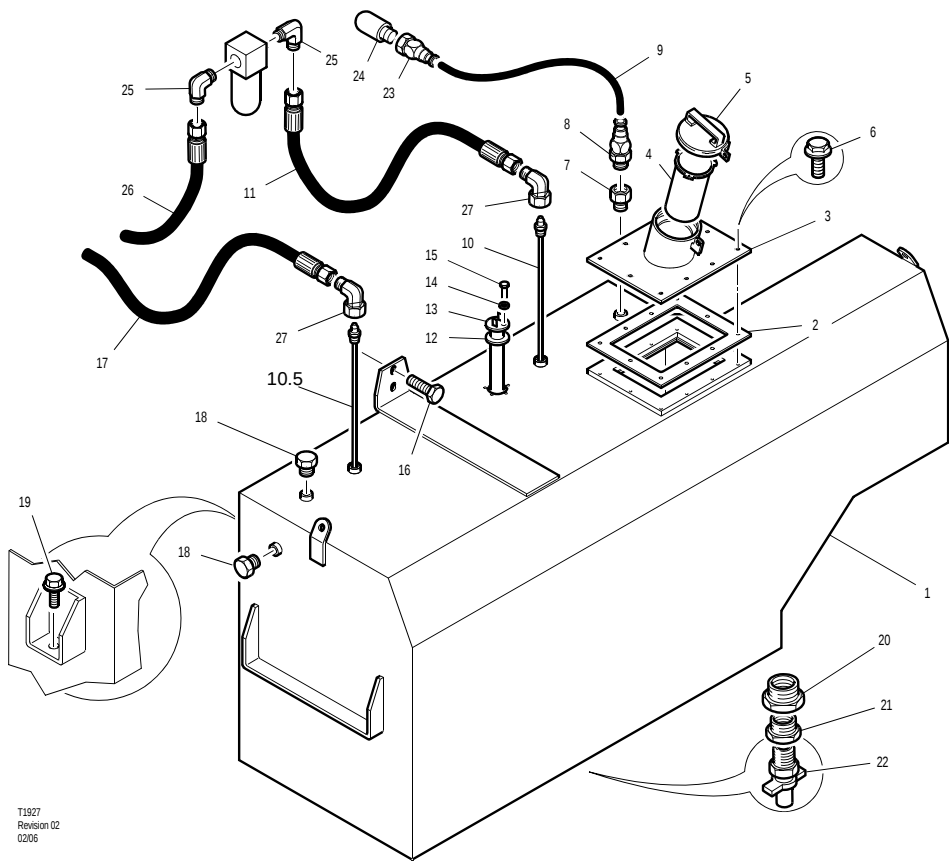
Engine Exhaust System



T1926
Revision 01
02/06

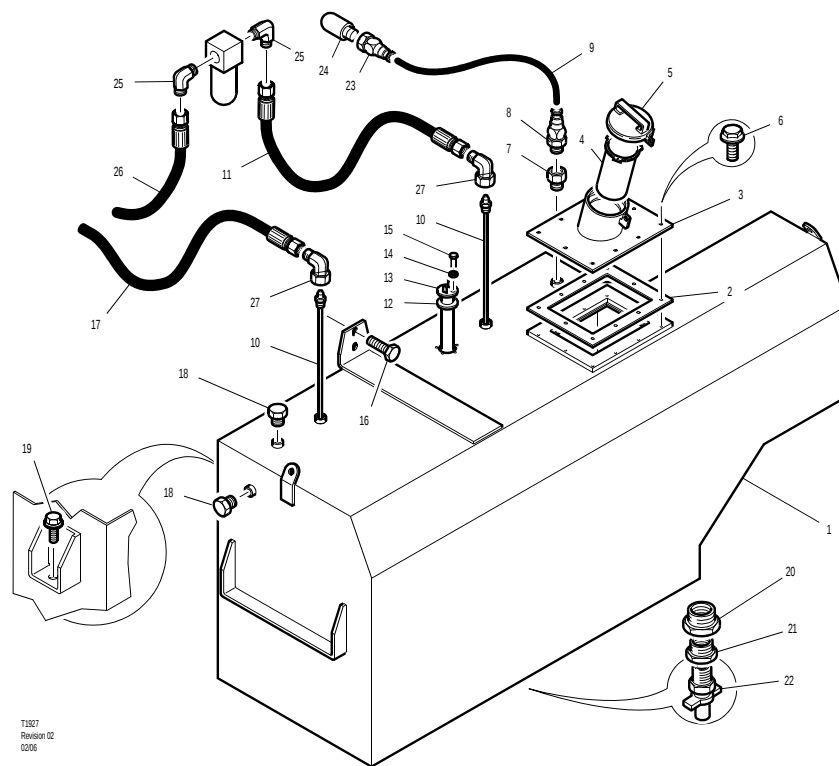
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22134175	Silencer	1	
2	36881886	Nut	8	
3	35307131	Clamp	3	
4	22186126	Connector, Flexible	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22321368	Pipe	1	
8	22134167	Pipe	1	
9	95928255	Plug	1	
10	22321475	Bracket	1	
11	35279025	Screw	4	
12	36787026	Band, Mounting	2	
13	36889608	Screw	4	
14	36881886	Nut	4	
15	36787034	Tube	1	
16	22756464	Wrap, Exhaust	1	

Fuel System



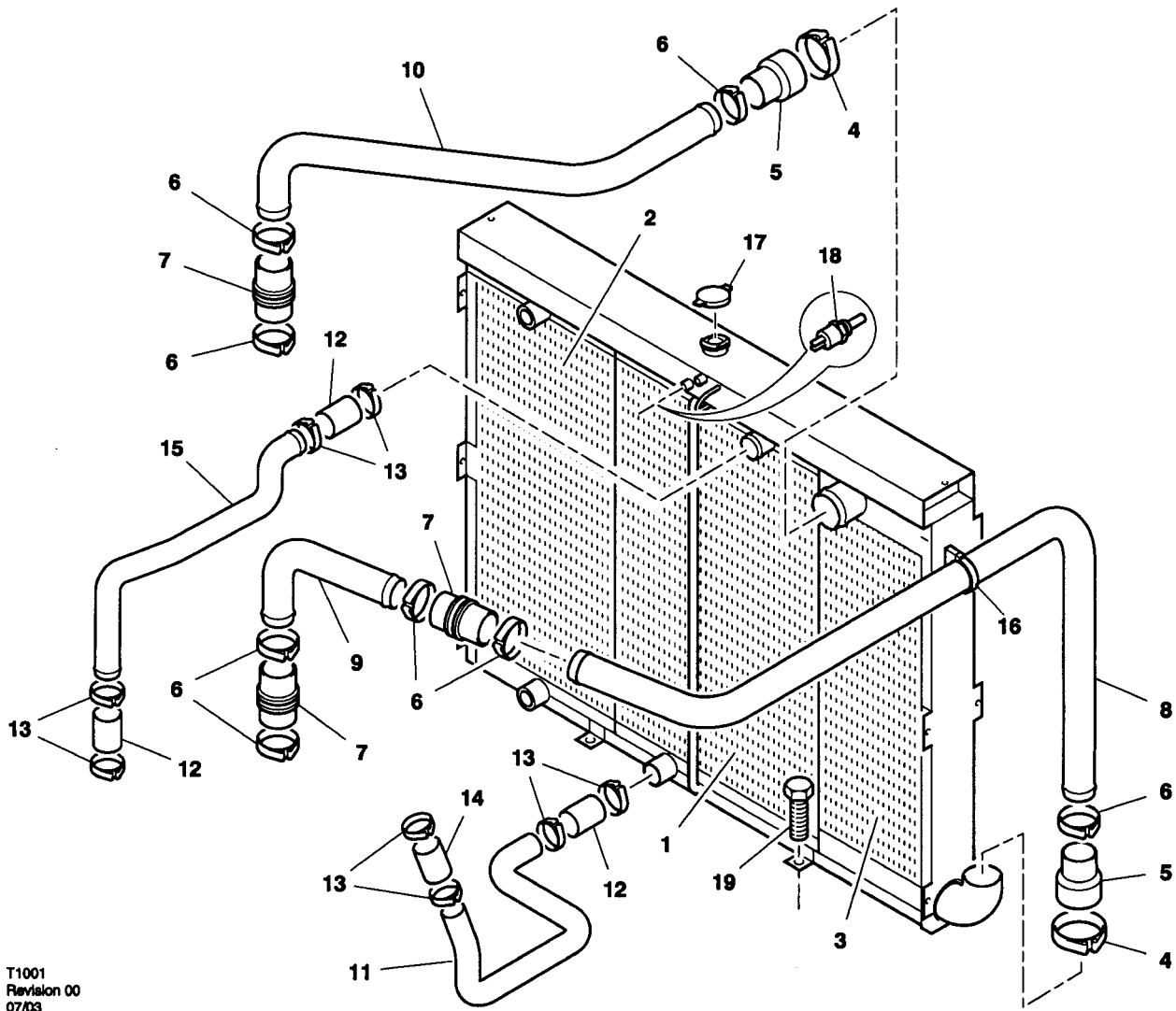
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	--	Fuel Tank Assembly	1	
1	22183990	Tank, Fuel, (SRG)	1	
2	89287346	Gasket	1	
3	54660055	Plate	1	
4	92043058	Filter, Fuel	1	
5	54660030	Cap, Fuel Filler	1	
6	96701958	Screw	10	
7	35316348	Adaptor	1	
8	35369347	Adaptor	1	
9	35356484	Tube (Nylon)	1	
10	22092795	Drop-Tube, (SUPPLY)	1	
10.5	22155469	Drop-Tube, (RETURN)	2	Continued.....

Fuel System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	39572268	Hose Assembly	1	Continued
12	35361849	Gasket	1	
13	22094759	Sender Unit, Fuel Gauge, (SRG)	1	
14	92272756	Lock Washer	AR	
15	92340058	Screw	AR	
16	36888055	Screw	2	
17	35294701	Hose Assembly	1	
18	95949491	Plug	2	
19	36888055	Screw	2	
20	32580510	Adaptor	1	
21	95333274	Reducer	1	
22	30641278	Cock, Drain	1	
23	35369339	Connector	1	
24	35322395	Silencer	1	
25	35283118	Elbow	2	
26	39575147	Hose Assembly	1	
27	35287911	Elbow	2	

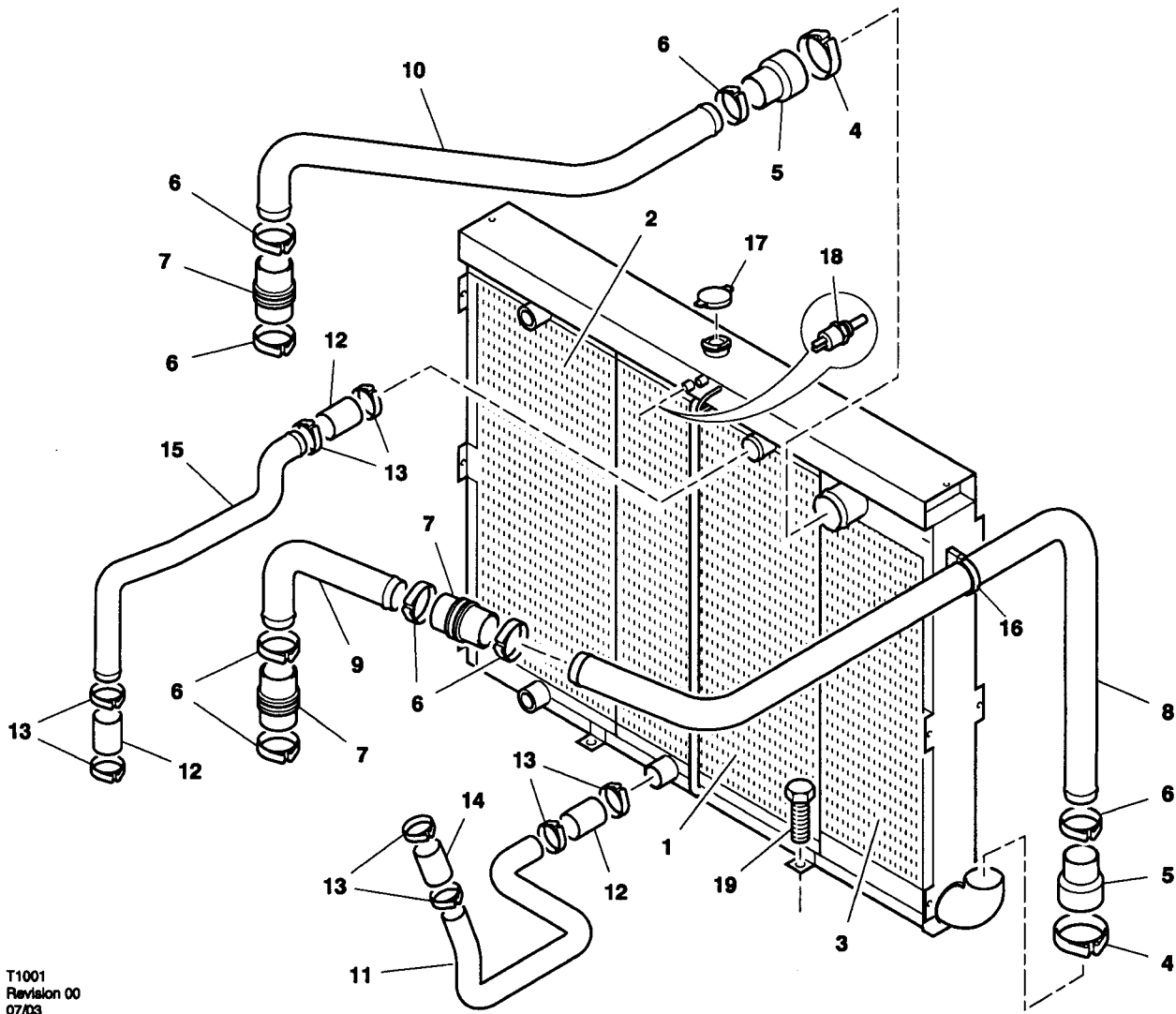
Cooling System



T1001
Revision 00
07/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-3	19019447	Radiator & Cooler Assy (VHP750, HP900, MHP825, P1060, XP950))	1	<i>Continued.....</i>
1	19019454	Radiator	1	
2	22126197	Cooler, Oil	1	
3	22782916	Cooler, Charge	1	
1-3	19019439	Radiator & Cooler Assy (RHP750, SHP825)		
1	19019454	Radiator	1	
2	22126197	Cooler, Oil	1	
3	22782916	Cooler, Charge	1	
4	54444427	Clamp	2	
5	22058564	Sleeve	2	
6	22144513	Clamp	8	
7	22058556	Sleeve	3	
8	22052278	Tube	1	

Cooling System

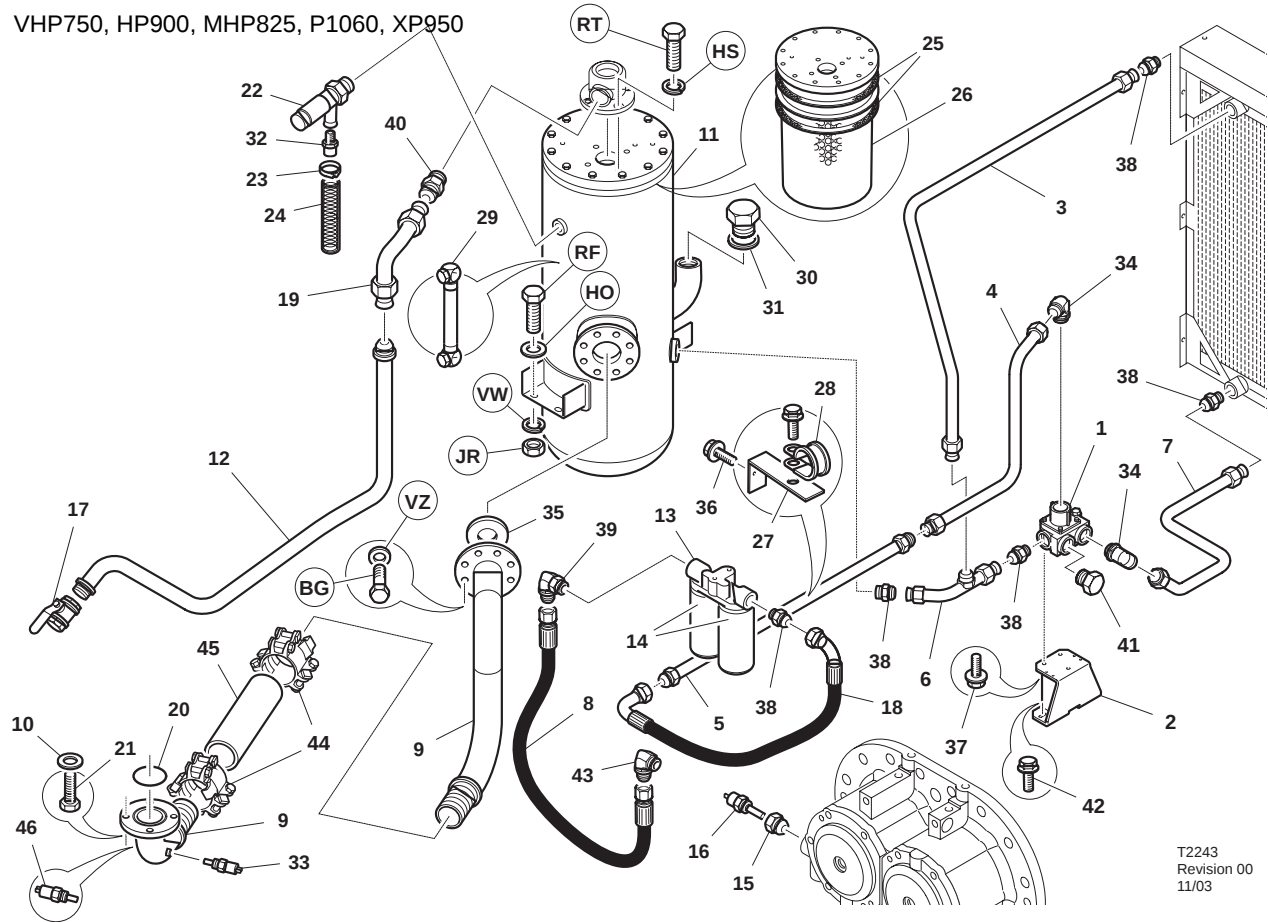


T1001
Revision 00
07/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
9	22107981	Tube	1	Continued
10	22097653	Tube	1	
11	22917462	Tube	1	
12	35330570	Sleeve	3	
13	35222017	Clamp	8	
14	89287601	Connector	1	
15	23038300	Tube	1	
16	35127653	Clamp	1	
17	22782924	Cap, Radiator	1	
18	22102339	Sensor, Coolant Level	1	
19	36877793	Bolt	4	
*20	35310598	Adaptor, Barbed	1	

Oil/Air Piping

VHP750, HP900, MHP825, P1060, XP950

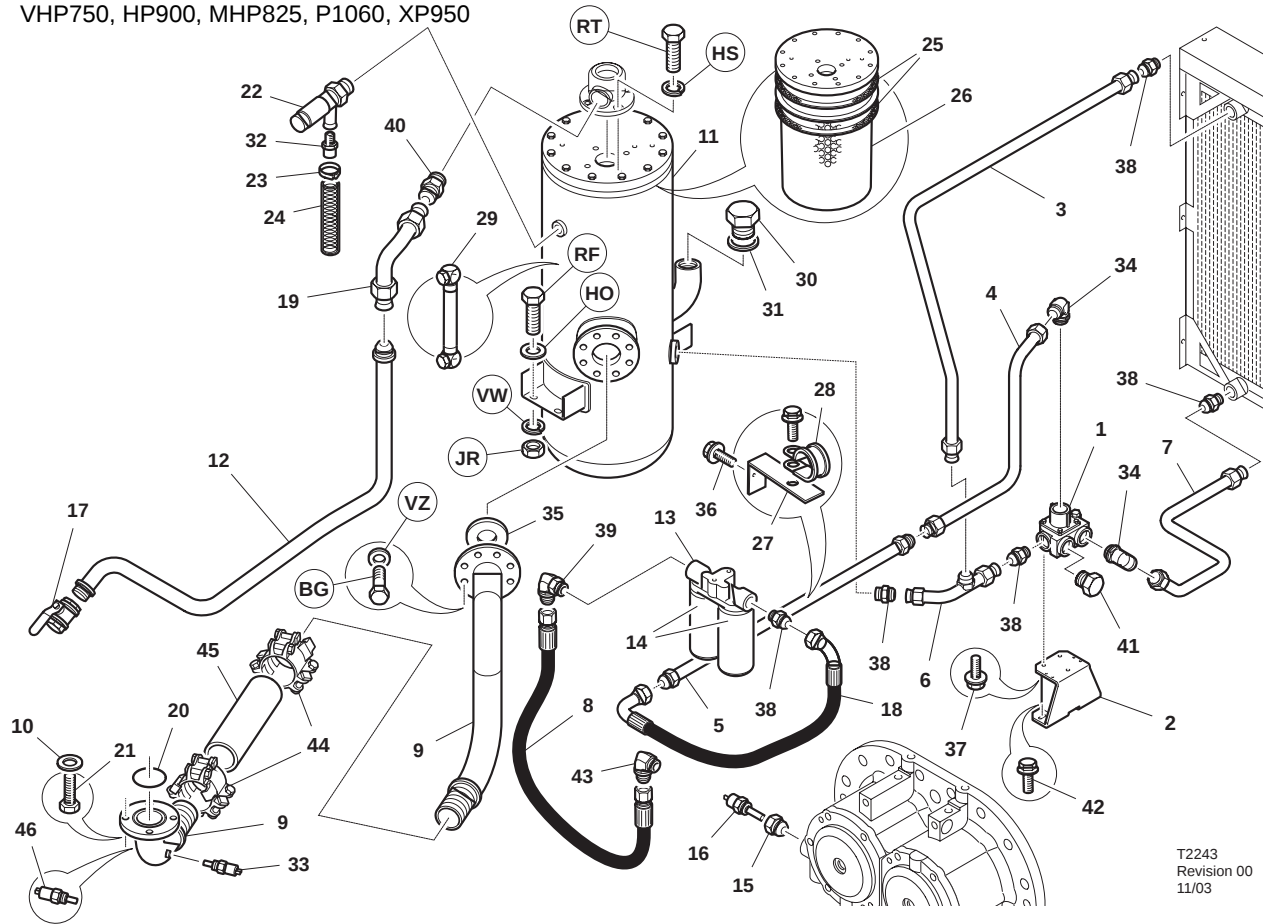


T2243
Revision 00
11/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36893824	Valve, Thermostatic	1	
2	22141196	Bracket	1	
3	22139752	Tube Assembly	1	
4	22138721	Tube Assembly	1	
5	54709928	Tube Assembly	1	
6	22138259	Tube Assembly	1	
7	22137939	Tube Assembly	1	
8	36890650	Hose Assembly	1	
9	22130801	Pipe	1	
10	95939741	Washer	4	
11	22416028	Tank, Separator ASME	1	
	22416051	Tank, Separator GB	1	
12	54553052	Tube Assembly	1	
13	36756120	Filter Assembly	1	
14	36860336	Element	2	
15	22246722	Adaptor	1	Continued.....

Oil/Air Piping

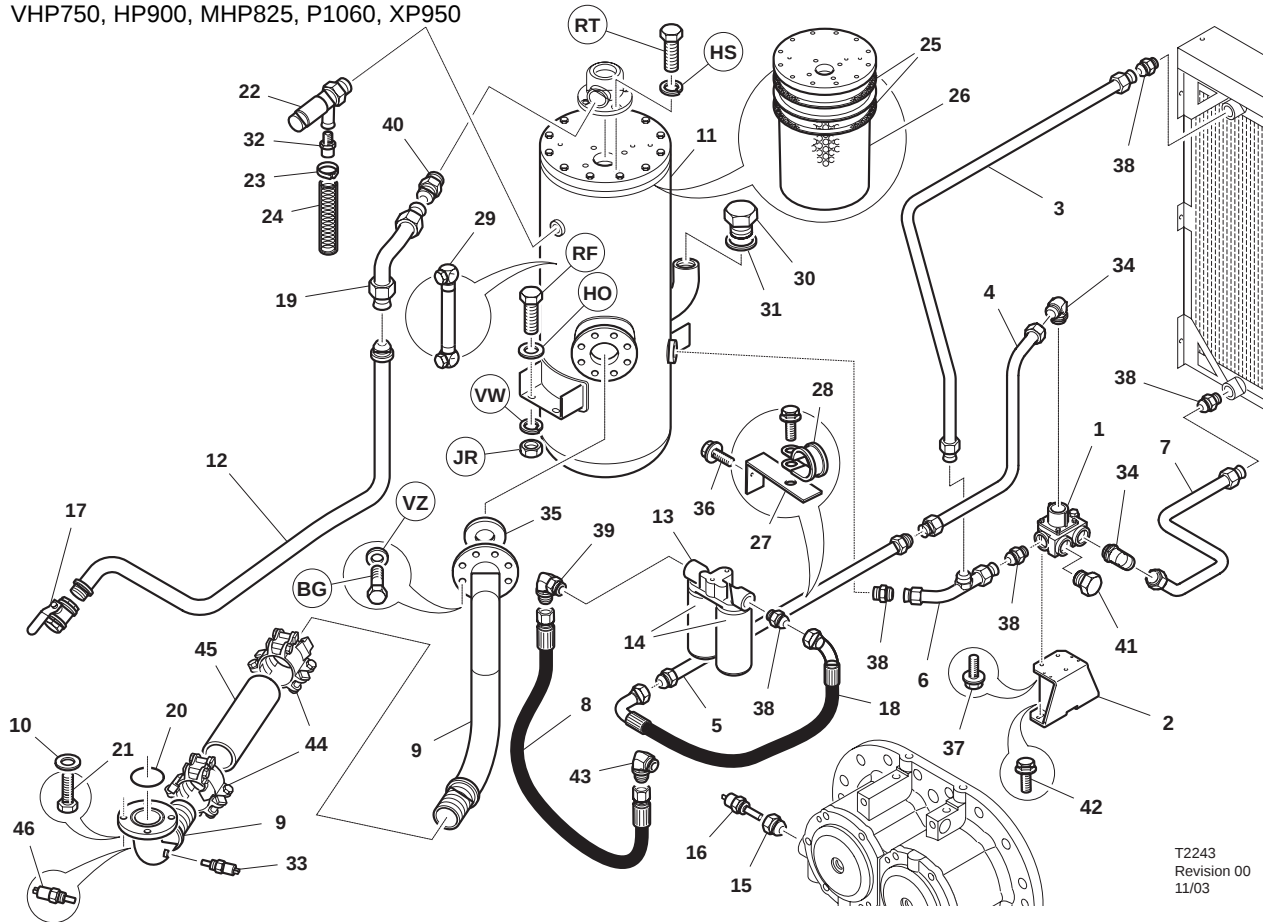
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	36757581	Switch, Oil Pressure	1	Continued
17	92530047	Valve, Ball	1	
18	89299424	Hose Assembly	1	
19	54576038	Tube Assembly	1	
20	95022380	O-Ring	1	
21	35375385	Screw	4	
22	36897627	Valve, Safety	1	
23	35192178	Clamp, Saddle	1	
24	22599740	Tube (STRG)	1	
25	89304067	Gasket	2	
26	89285761	Element with Gaskets	1	
27	22123491	Bracket	1	
28	92898576	Clip, Retaining	1	
29	92095363	Gauge, Oil Level	1	
30	35579630	Cap	1	
				Continued.....

Oil/Air Piping

VHP750, HP900, MHP825, P1060, XP950

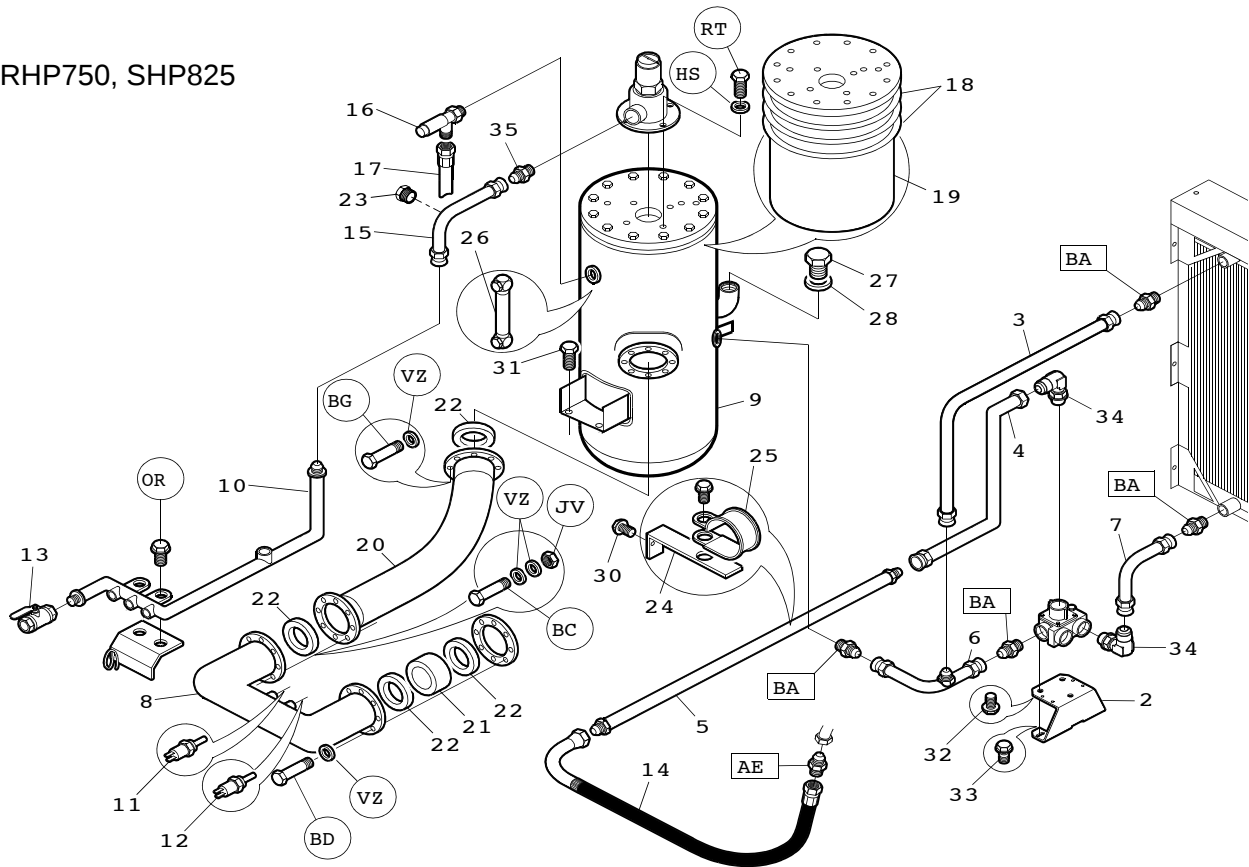


T2243
Revision 00
11/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35279942	O-Ring	1	Continued
32	36764389	Nipple	1	
33	36898922	Sensor, Temperature	1	
34	95431292	Elbow	2	
35	39487830	Gasket	1	
36	35279025	Screw	2	
37	95934543	Screw	3	
38	35296409	Adaptor	5	
39	95431292	Elbow	1	
40	95371241	Adaptor	1	
41	95938197	Plug	1	
42	35279025	Screw	2	
43	36899979	Elbow	1	
44	36891869	Clamp	2	
45	22119218	Hose	1	
46	36841138	Sending Unit, Compressor Discharge Temperature Gauge	1	
47	92354661	Plug	1	

Oil/Air Piping

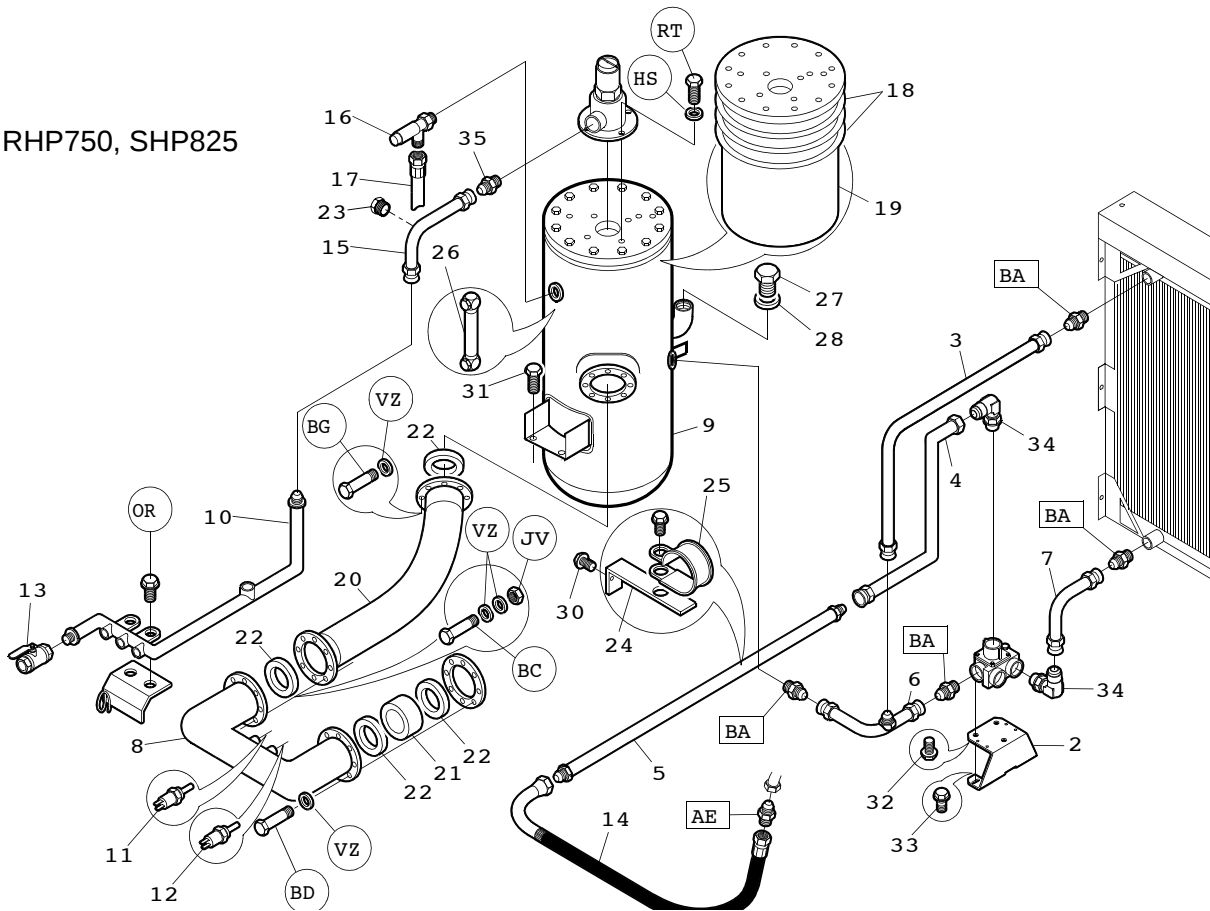
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36893824	Valve, Thermostatic	1	
2	22141196	Bracket	1	
3	22139752	Tube Assembly	1	
4	22138721	Tube Assembly	1	
5	54709928	Tube Assembly	1	
6	22138259	Hose Assembly	1	
7	22137939	Tube Assembly	1	
8	22093009	Pipe	1	
9	22416069	Tank, Separator ASME	1	
	22416093	Tank, Separator GB	1	
10	54553052	Tube Assembly	1	
11	36898922	Sensor, Temperature	1	
12	36841138	Sender, Compressor Temperature Gage	1	
13	35602473	Valve, Ball	1	
14	89299424	Hose Assembly	1	
15	54576038	Tube Assembly	1	Continued.....

Oil/Air Piping

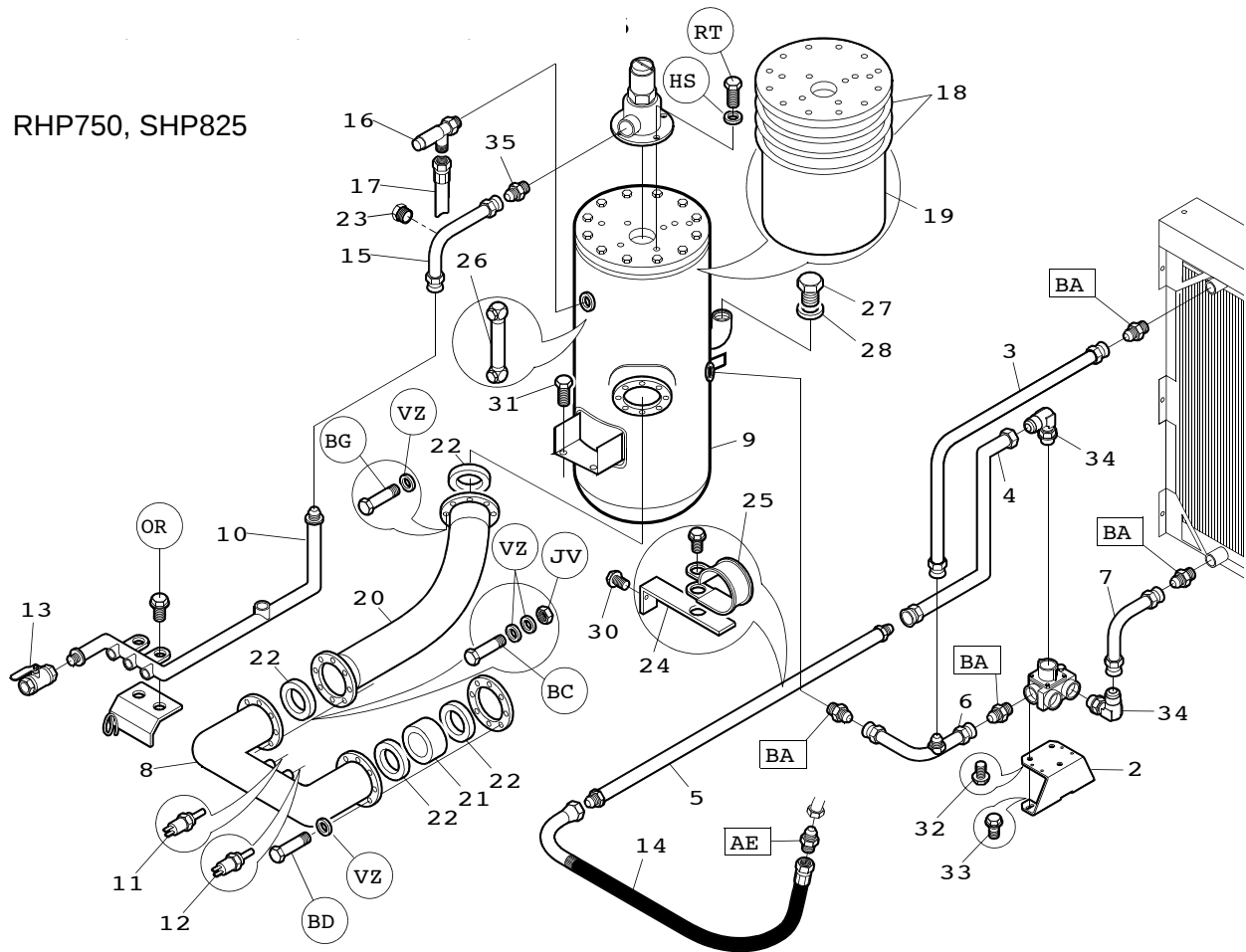
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	22171706	Valve, Safety	1	Continued
	22599740	Tube assembly (STRG)	1	
18	89304059	Gasket	2	
19	89202022	Element (With Gaskets)	1	
20	92893221	Pipe	1	
21	36843720	Valve, Check	1	
22	39487830	Gasket	4	
23	92895317	Adapter	1	
24	22123491	Bracket	1	
25	92898576	Clip, Retaining	1	
26	92892967	Gage, Oil Level	1	Continued.....
27	35579630	Cap	1	
28	35279942	O-Ring	1	
29	95431292	Elbow	2	
30	35279025	Screw	2	

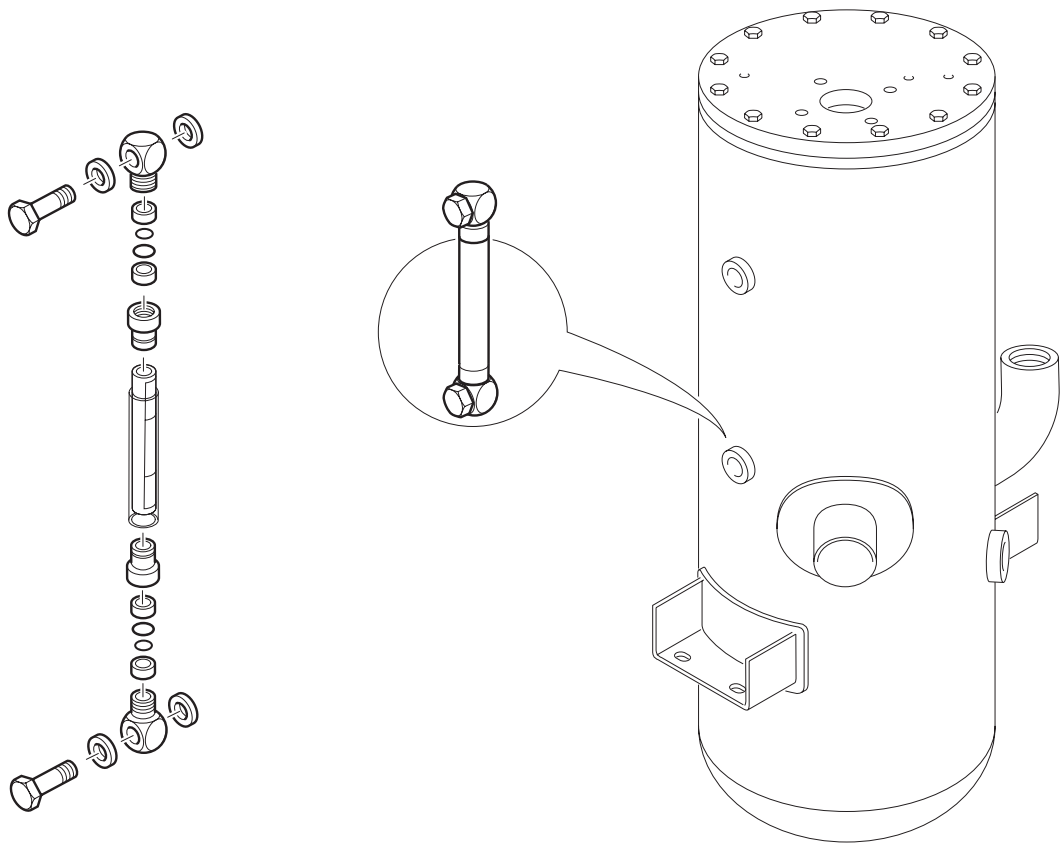
Oil/Air Piping

RHP750, SHP825



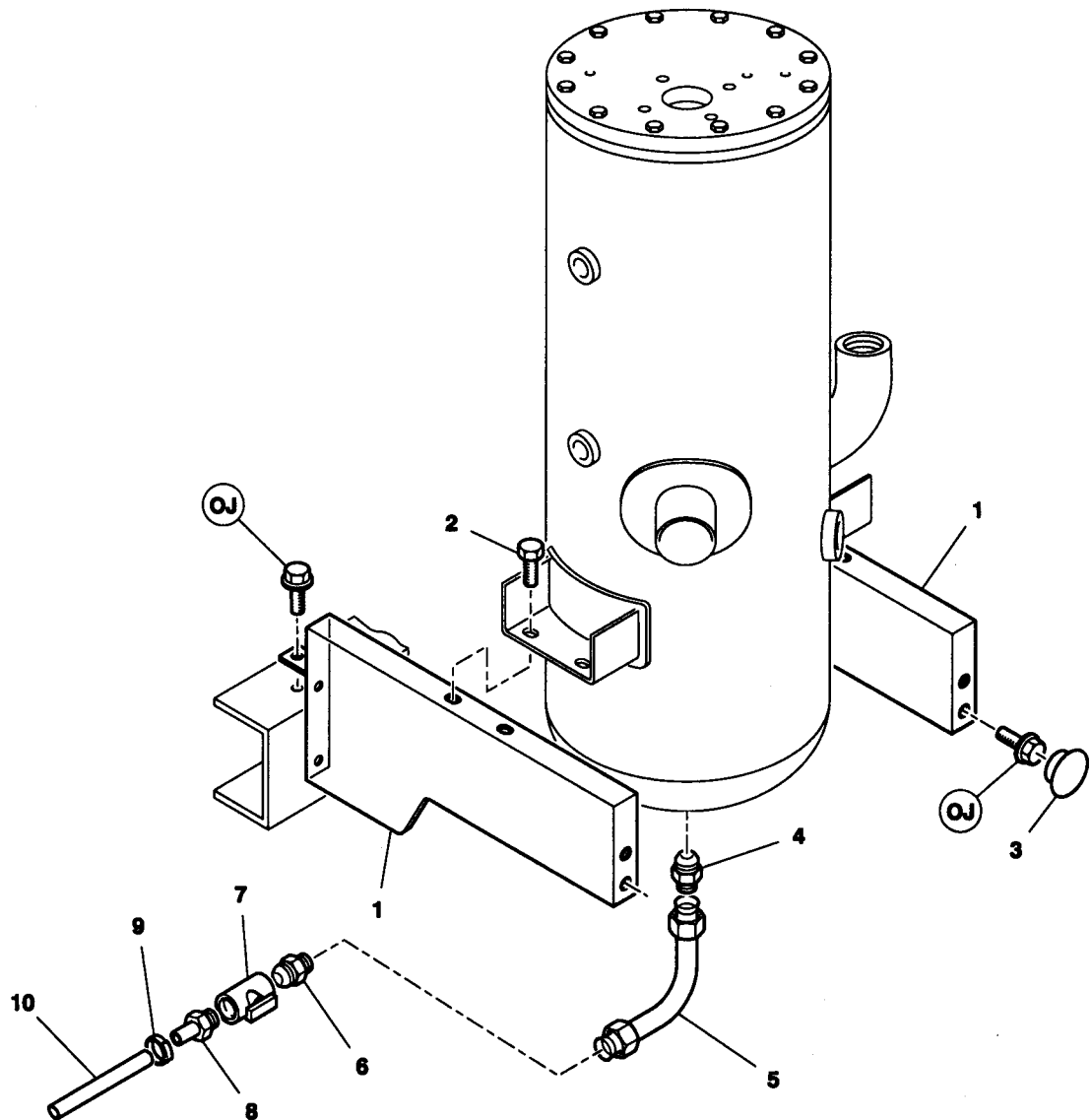
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	36877793	Screw	4	Continued
32	95934543	Screw	3	
33	35279025	Screw	2	
34	95953709	Nipple	1	
35	95918082	Coupling	1	
36	36764389	Nipple	1	
37	35192178	Clamp	1	

Oil/Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	92095363	VHP-750 Oil Level Gage (16 bar)	1	
	92892967	RHP-750 Oil Level Gage (28 bar)	1	

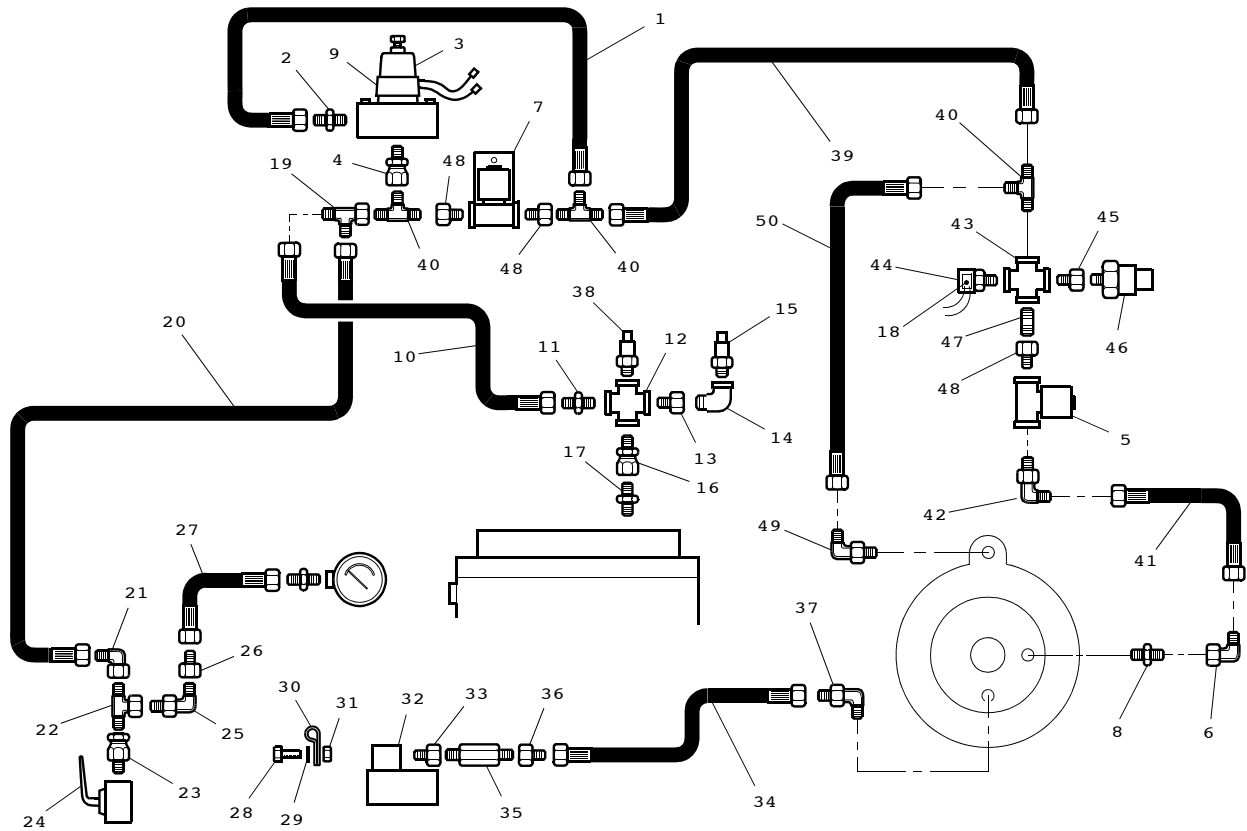
Oil/Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22124291	Bracket, (SRG)	2	
2	36877793	Bolt	4	
3	89297642	Cap	4	
4	92984657	Connector	1	
5	54518667	Tube Assembly	1	
6	92419563	Connector	1	
7	92043116	Valve	1	
8	36891497	Connector	1	
9	92253194	Clamp	1	
10	92031657	Hose	1	

Regulation System

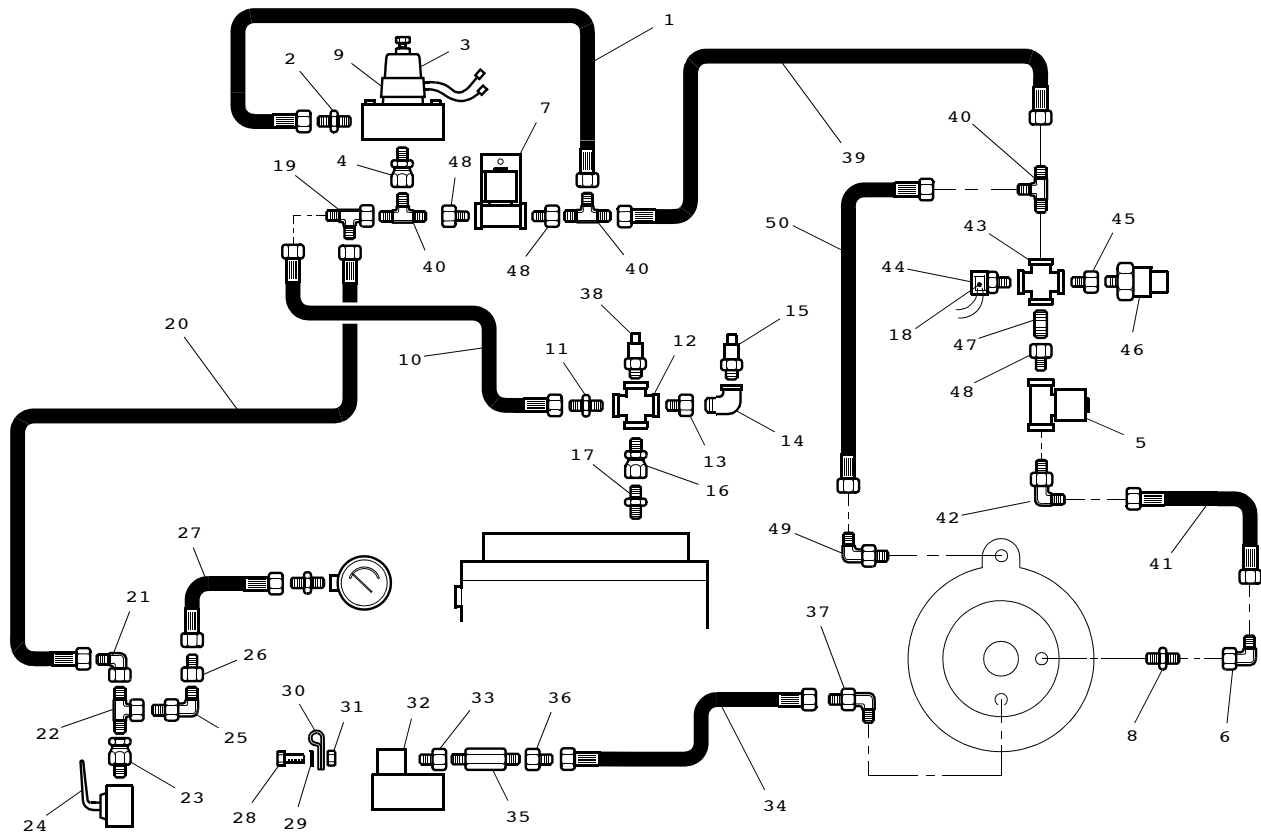
VHP750, MHP825, HP900, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35282946	Hose Assembly	1	
2	35284082	Adaptor	1	
3	36896892	Regulator (MHP825, HP900, VHP750)	1	
	36854149	Regulator (P1060, XP950)	1	
4	35367846	Adaptor	1	
5	36840841	Valve, Solenoid	1	
6	35283068	Elbow	1	
7	36840841	Valve, Solenoid	1	
8	36840460	Adaptor	1	
9	36854677	Heater	1	
10	35283001	Hose Assembly	1	
11	35290147	Adaptor	1	
12	95659280	Cross	1	
13	95953899	Adaptor	1	
14	95757183	Elbow	1	
				Continued....

Regulation System

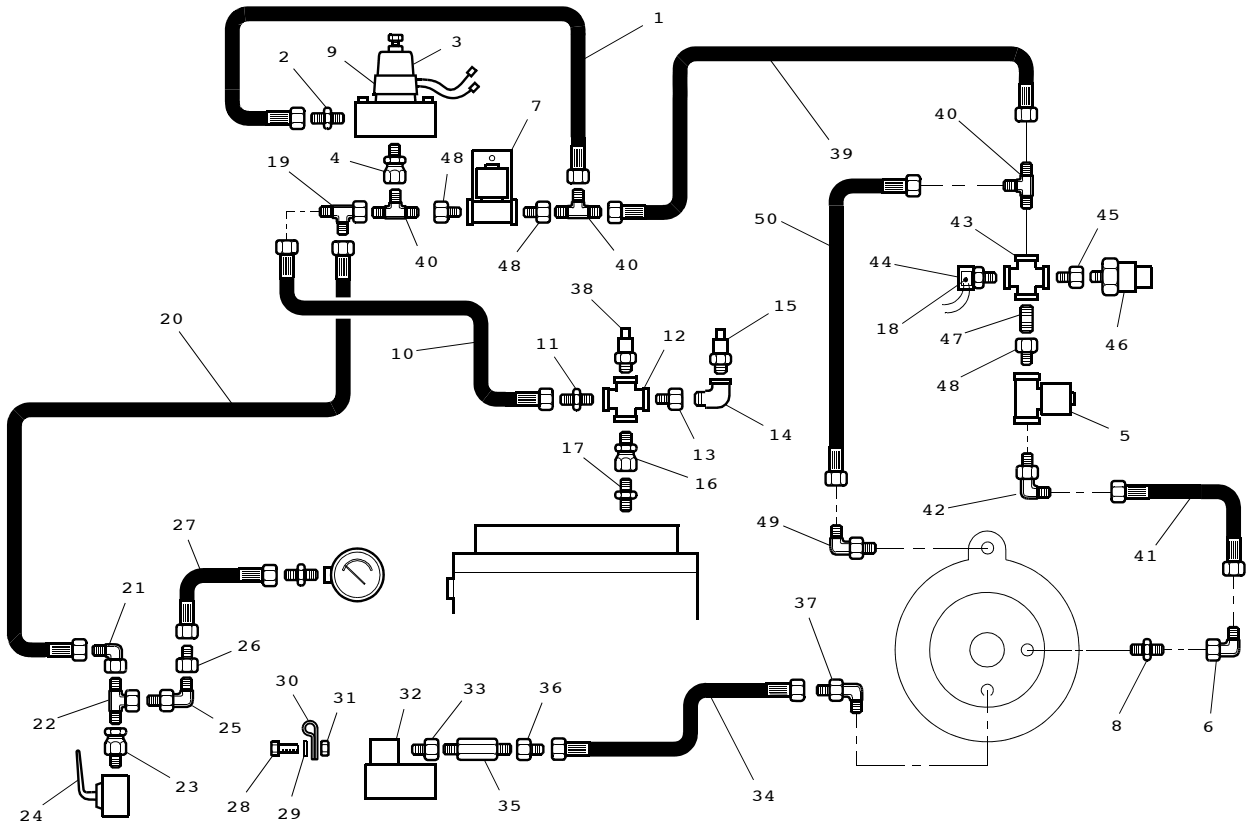
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	54496773	Transducer, Pressure	1	Continued (0-225psi)
16	35290147	Adaptor	1	
17	92042936	Adaptor	1	
18	36841526	Heater	1	
19	95415667	Tee	1	
20	35283068	Hose Assembly	1	
21	35279827	Elbow	1	
22	35283092	Tee	1	
23	35367846	Adaptor	1	
24	35324839	Valve, Ball	1	
25	36852499	Elbow	1	
26	35306091	Adaptor	1	
27	35283241	Hose Assembly	1	
28	96719869	Screw	2	
29	95935029	Washer	2	
30	35119718	Clip, Hose	2	
31	36898104	Nut	2	
				Continued.....

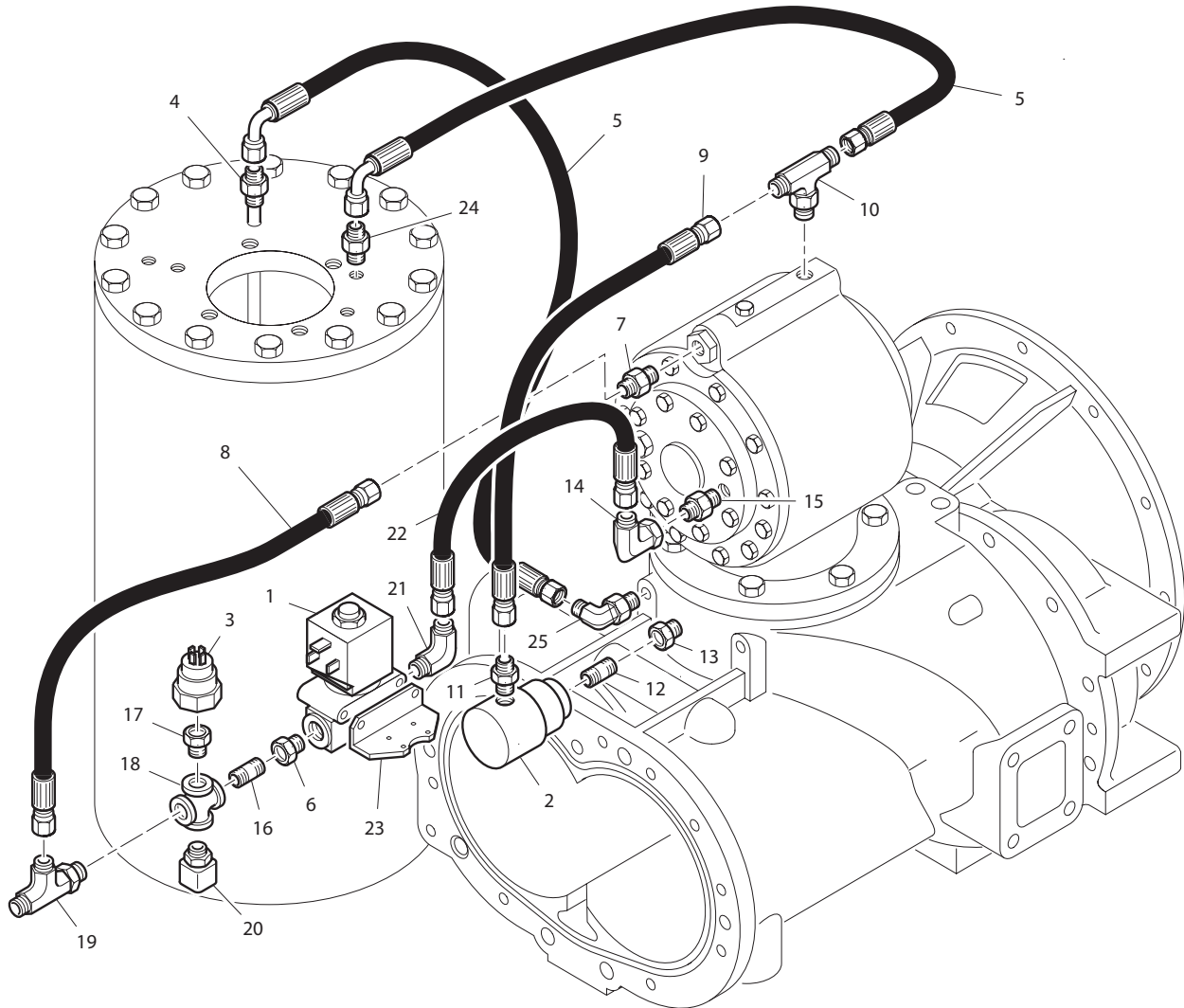
Regulation System

VHP750, HP900, MHP825, P1060, XP950

[illegible]

Regulation System

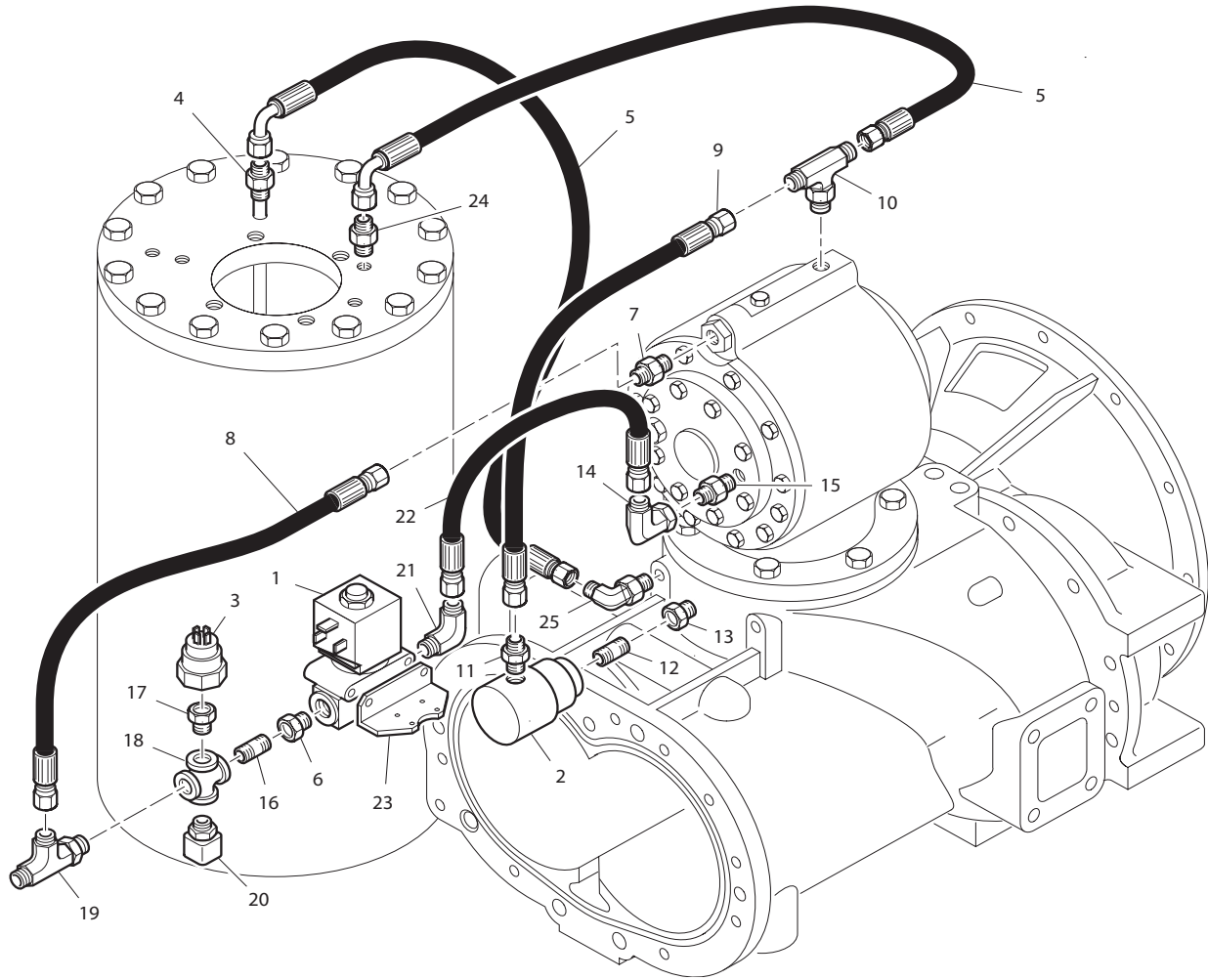
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36840841	Valve, Solenoid	1	(0-100psi)
2	35322379	Valve, Blowdown	1	
3	36920825	Transducer, Pressure	1	
4	89298335	Drop Tube	1	
5	89289185	Hose Assembly	2	
6	95940748	Adaptor	1	
7	35279827	Elbow	1	
8	35282961	Hose Assembly	1	
9	35323724	Hose Assembly	2	
10	35279843	Tee	1	
11	35284082	Adaptor	1	
				Continued.....

Regulation System

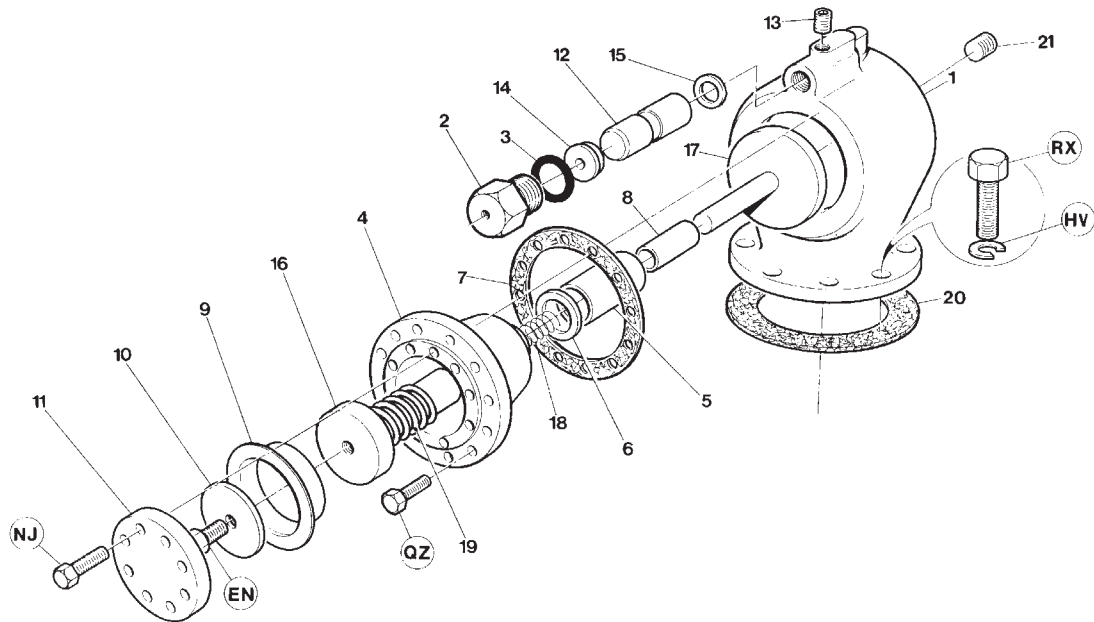
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	95667341	Nipple	1	 <i>Continued</i>
13	35302314	Adaptor	1	
14	35283068	Elbow	1	
15	36840460	Valve, Check	1	
16	95944575	Nipple	1	
17	95930301	Adaptor	1	
18	95954293	Tee	1	
19	35283050	Tee	1	
20	35322346	Orifice	1	
21	35279926	Elbow	1	
22	92080811	Elbow, Orifice	1	
23	22410187	Bracket	1	
24	92042936	Adaptor	1	

Regulation System

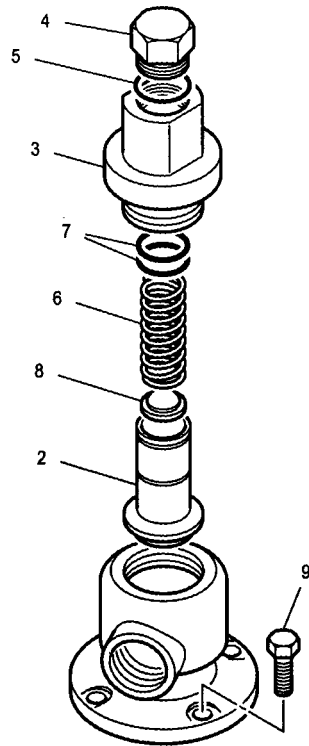
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	36734515	Valve, Unloader	1	
1	36734507	Body	1	
2	35328236	Adaptor	1	
3	95765806	O-Ring	2	
4	36722460	Housing	1	
5	35328228	Bush	1	
6	35328244	Seal	1	
7	35328251	Gasket	1	
8	35328269	Bush	1	
9	35592534	Diaphragm, Unloader Valve	1	
10	35327204	Washer	1	
11	35591189	Cover	1	
12	36897148	Valve	1	
13	95928230	Plug	1	
14	35331578	Grommet	1	
15	35331586	Grommet	1	
16	35591163	Piston	1	
17	92697333	Valve Assembly	1	
18	35332683	Spring	1	
19	35332691	Spring	1	
20	36786572	Gasket	1	
21	95928230	Plug	1	

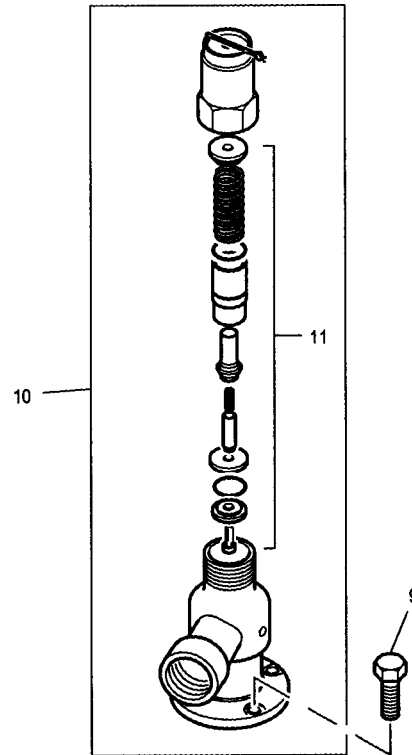
Regulation System

VHP750, HP900, MHP825, P1060, XP950



T1014
Revision 00
08/03

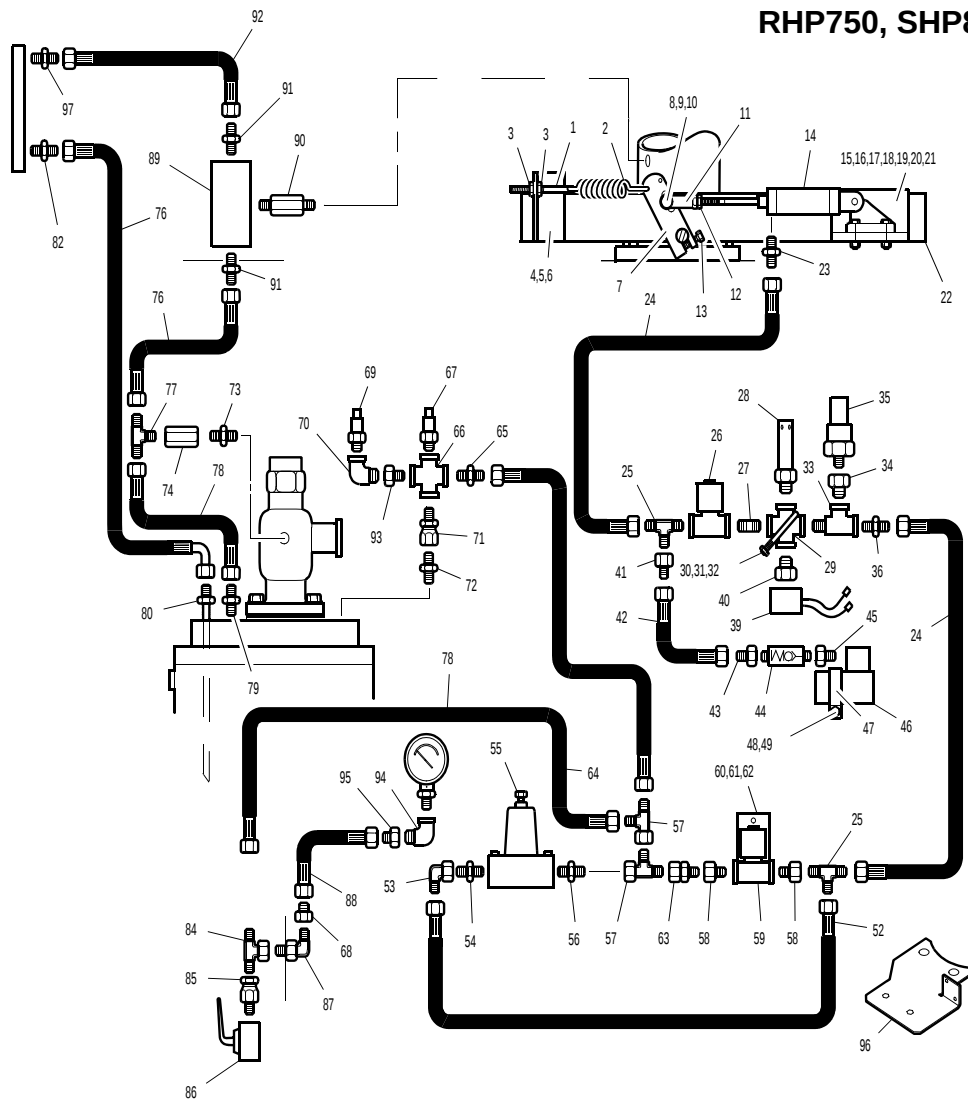
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-8	54571765	Valve, Minimum Pressure (VHP750, HP900, MHP925, P1060, XP950)	1	
1	89286785	Body	1	
2	92044098	Piston	1	
3	92061944	Housing	1	
4	35579630	Plug	1	
5	35279942	O-Ring	1	
6	35318161	Spring	1	
7	95823688	O-Ring	2	
8	92032648	Spacer	1	
9	35375385	Screw	4	
10	92892975	Valve, Minimum Pressure (RHP750, SHP825)	1	
11	92951075	Kit, Minimum Pressure Valve (RHP750, SHP825)	1	

Regulation System

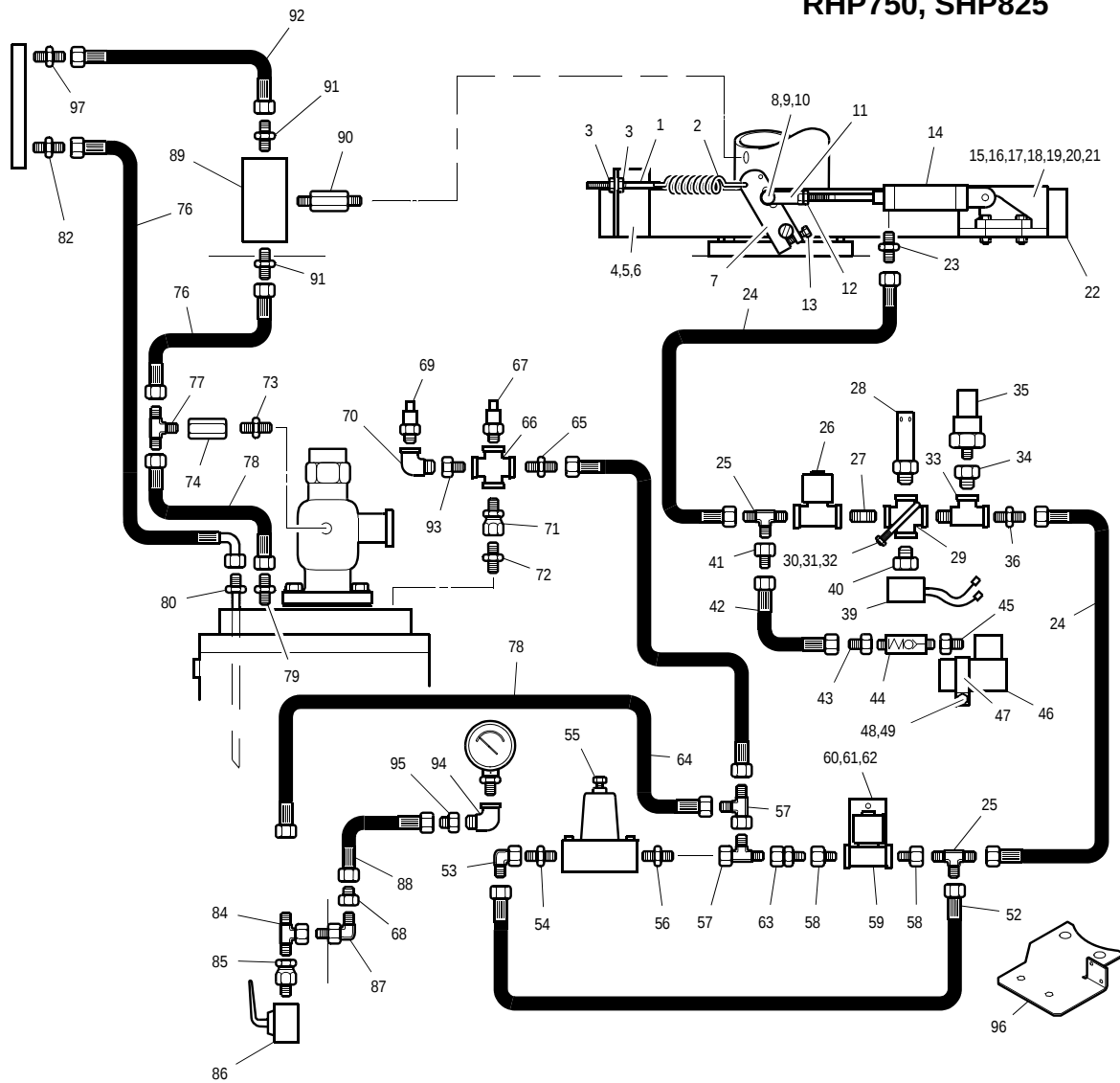
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912021	Rod	1	<i>Continued.....</i>
2	35317700	Spring	1	
3	96735550	Nut	5	
4	89252118	Bracket	1	
5	36889608	Screw	2	
6	36881886	Nut	2	
7	89252126	Lever	1	
8	96719265	Screw	1	
9	95935037	Washer	1	
10	36879195	Nut	1	
11	89201966	Ball-Joint	1	
12	96735550	Nut	2	
13	96701461	Screw	1	

Regulation System

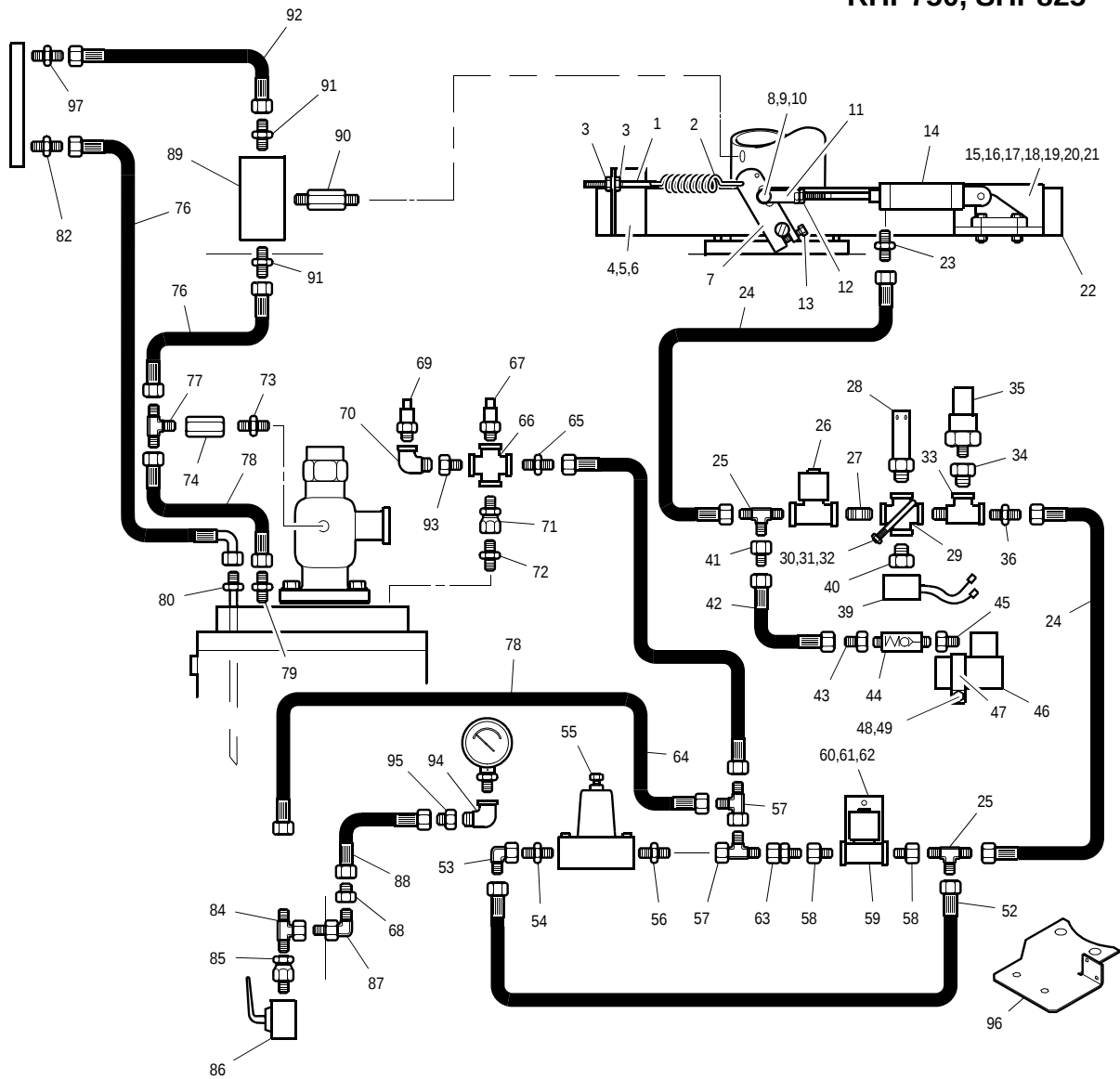
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	89249072	Cylinder Assembly	1	Continued
15	89202188	Bracket	1	
16	92304492	Nut	4	
17	92340058	Screw	4	
18	92304641	Washer	8	
19	92304583	Nut	4	
20	36889608	Screw	2	
21	36881886	Nut	2	
22	89201768	Bracket	1	
23	92118462	Adaptor	1	
24	35330513	Hose Assembly	2	
25	35283050	Tee	2	
26	36842318	Valve, Solenoid (Normally Open)	1	
				Continued.....

Regulation System

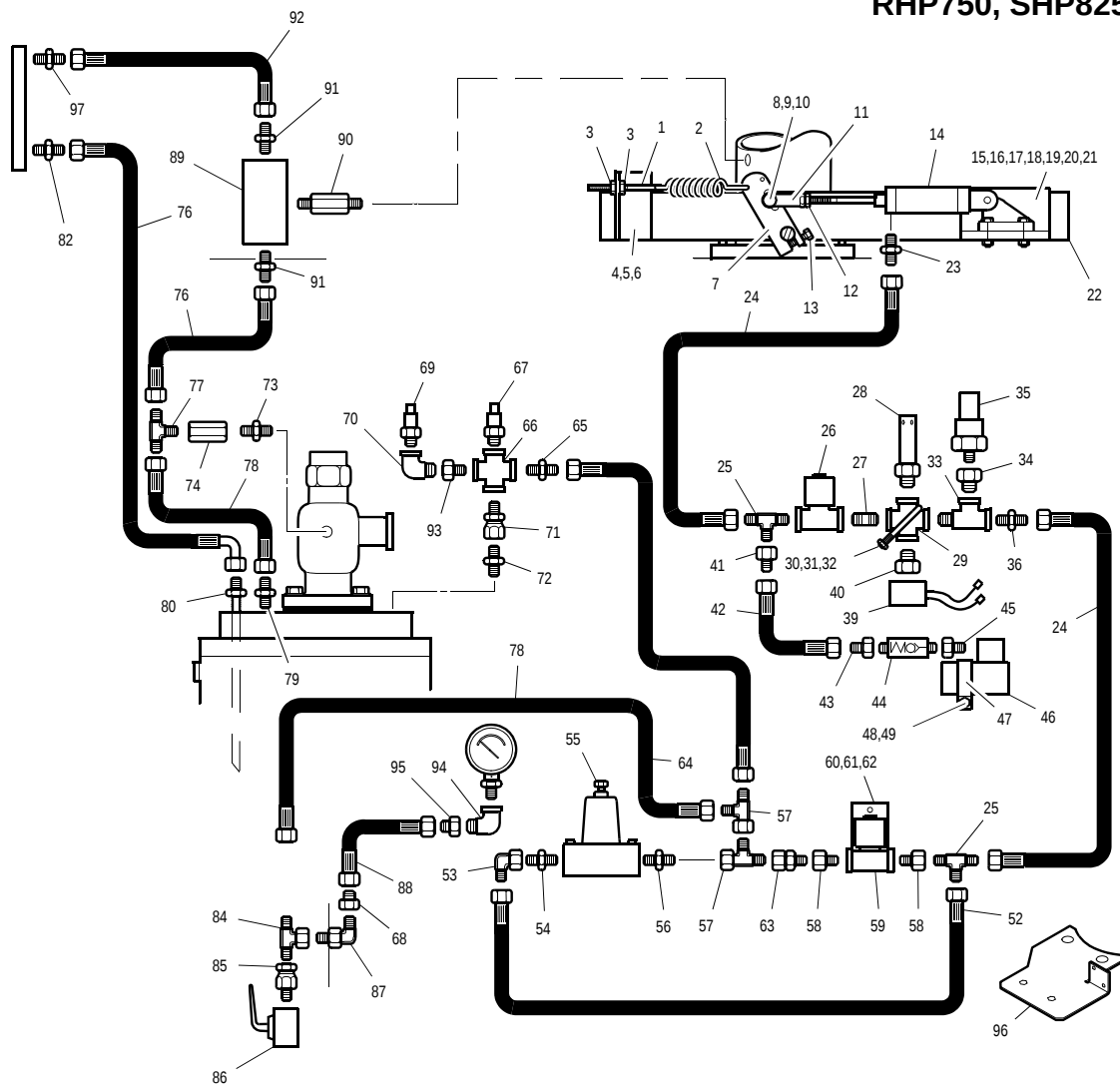
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
27	95242442	Nipple	1	Continued
28	35325133	Valve, Safety	1	
29	95588505	Cross	1	
30	35166404	U-Bolt	1	
31	95935029	Washer	1	
32	95923298	Nut	1	
33	95944690	Tee	1	
34	95930301	Adaptor	1	
35	36920825	Transducer, Pressure	1	
36	35284082	Adaptor	1	
37	22748339	Bracket	1	Continued.....
38	35284504	Hose Assembly	1	

Regulation System

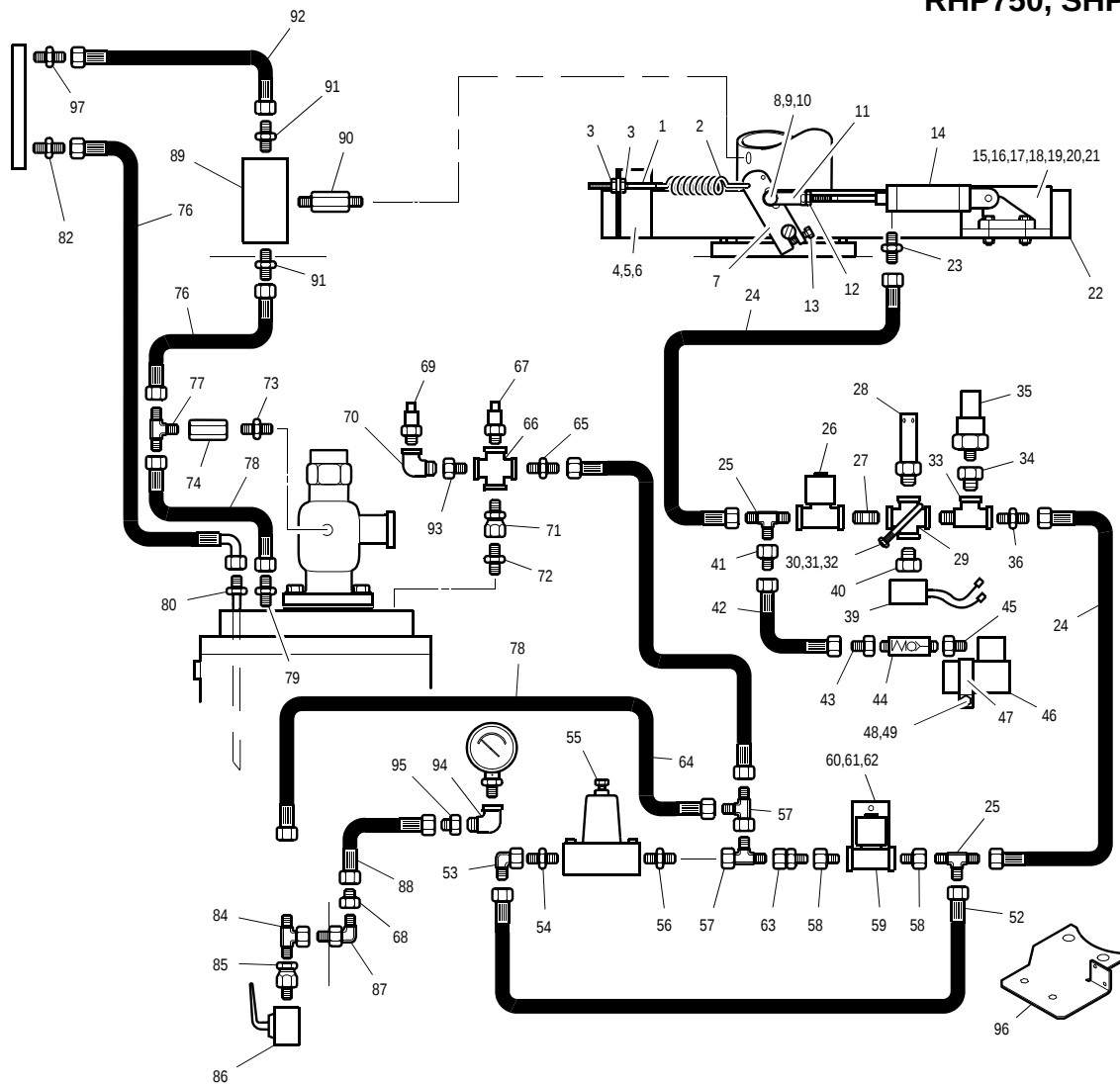
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
39	36841526	Heater	1	Continued
40	35322346	Orifice	1	
41	35306091	Reducer	1	
42	35358662	Hose Assembly	1	
43	35294487	Adaptor	1	
44	35248145	Valve, Check	1	
45	22246714	Adaptor	1	
46	36850691	Compressor	1	
47	35119718	Clamp	2	
48	36898096	Screw	2	
49	95935029	Washer	2	
50	35296391	Adaptor	1	Continued.....
51	35283068	Elbow	2	
52	35323724	Hose Assembly	1	

Regulation System

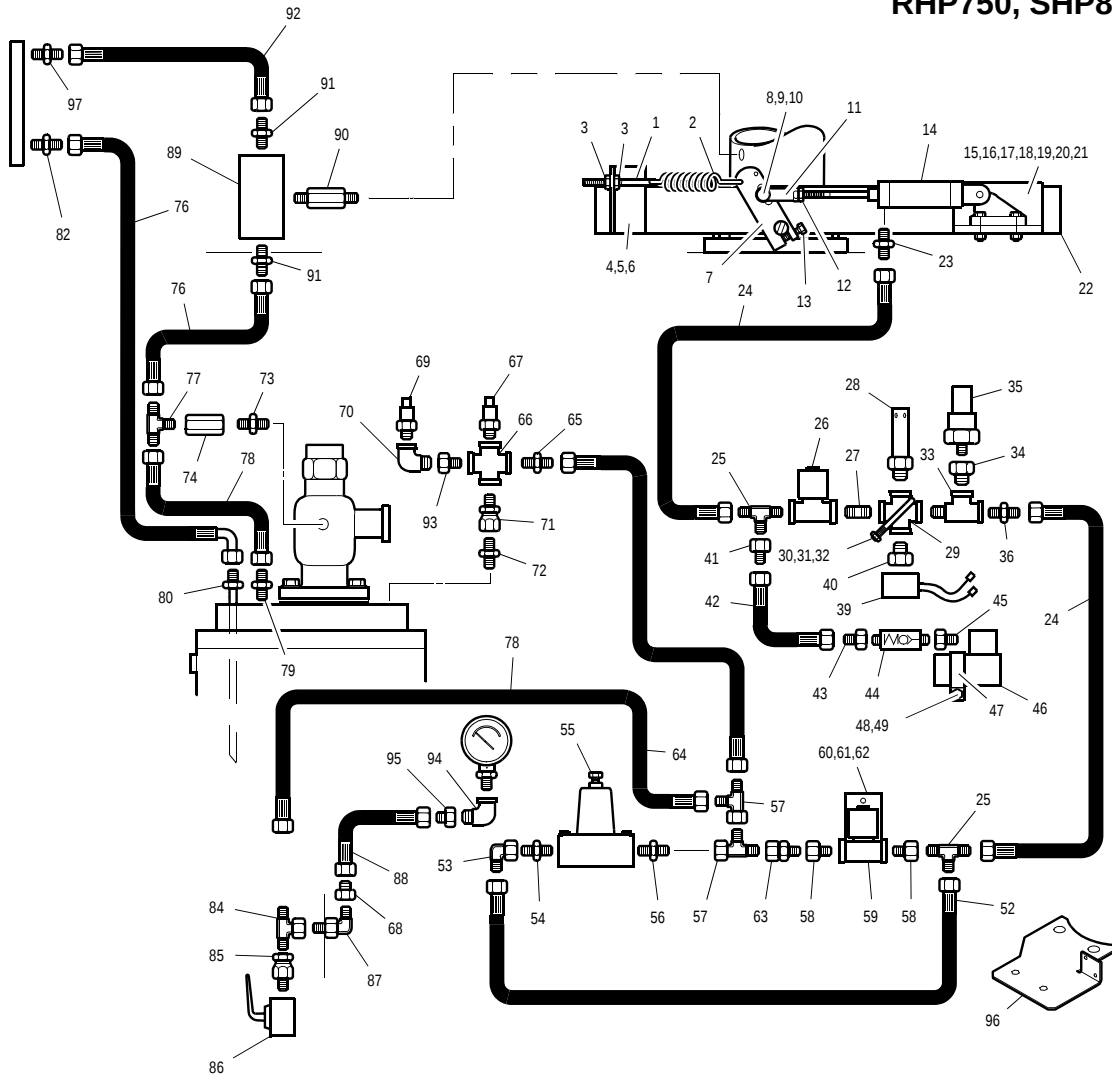
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
53	35283068	Elbow	1	Continued
54	92478387	Adaptor	1	
55	92956093	Regulator	1	
56	92478387	Adaptor	1	
57	95415667	Tee	2	
58	95940748	Adaptor	2	
59	36842300	Valve, Solenoid	1	
60	36895746	Nutsert	2	
61	35291285	Clamp	2	
62	35279025	Screw	2	
63	35367846	Connector	1	Continued.....
64	35284538	Hose Assembly	1	
65	35290147	Adaptor	1	
66	95659280	Cross	1	

Regulation System

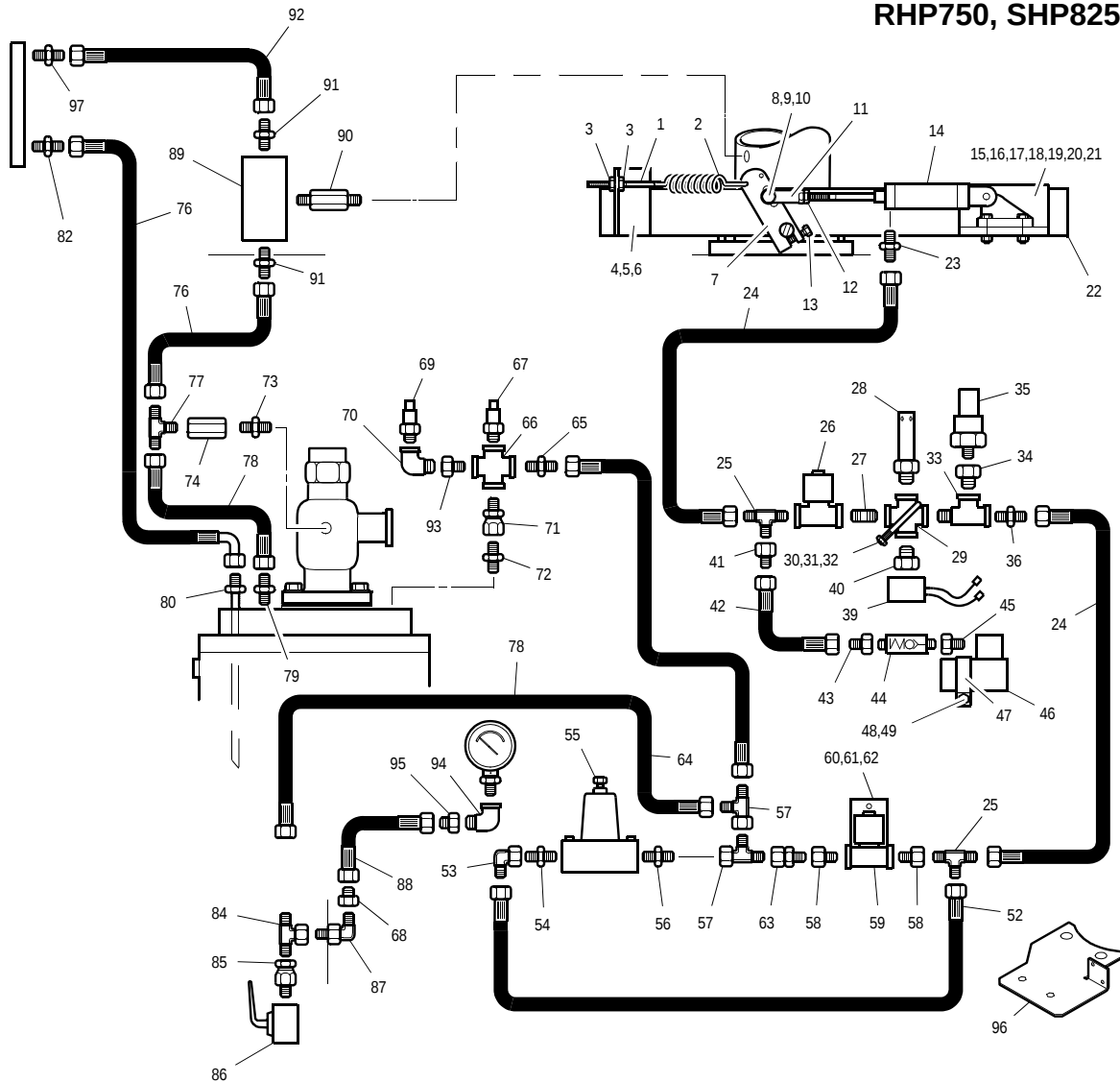
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
67	36898922	Sensor, Temperature	1	Continued
68	35306091	Adaptor	1	
69	54765946	Transducer, Pressure	1	
70	95757183	Elbow	1	
71	35268927	Adaptor	1	
72	92042936	Adaptor	2	
73	92415363	Adaptor	1	
74	92101054	Valve, Check	1	
75	35282979	Hose Assembly	1	
76	54718432	Hose Assembly	2	
77	92971803	Tee	1	
78	35283282	Hose Assembly	2	
79	92042936	Adaptor	1	
80	22231476	Scavenge Tube	1	
				Continued.....

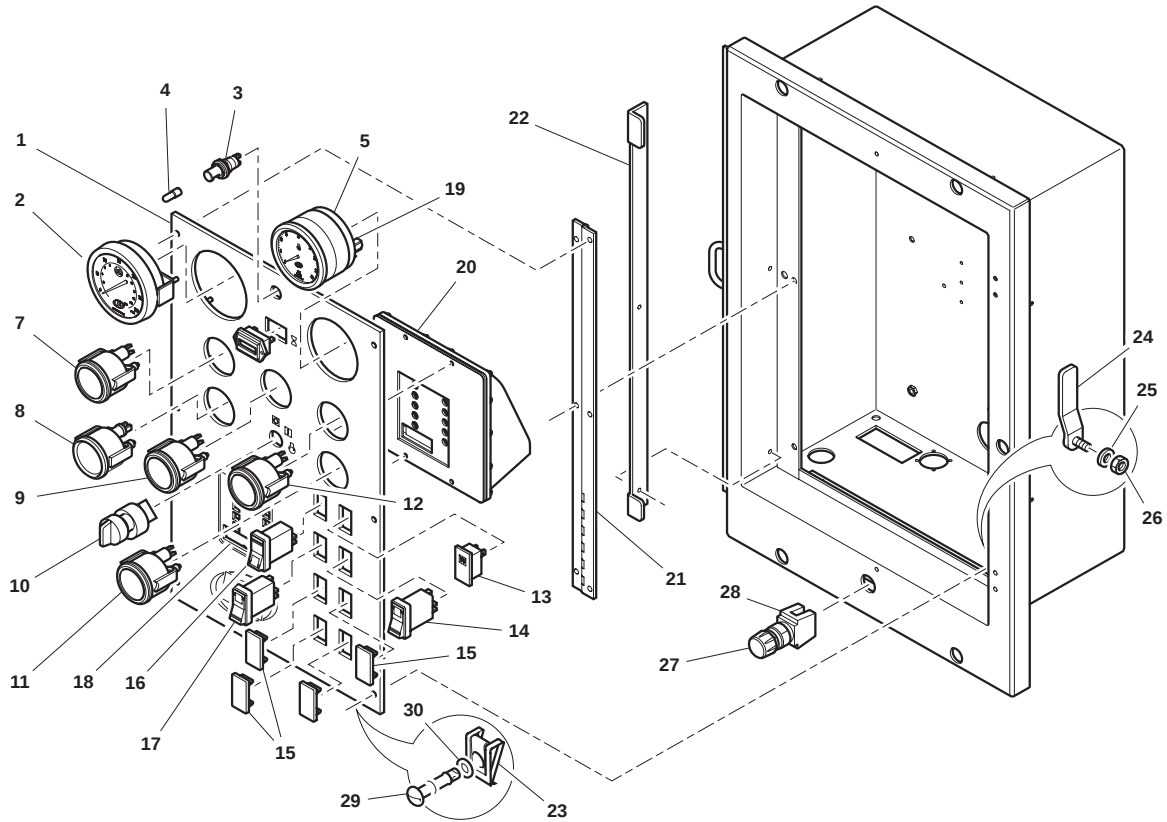
Regulation System

RHP750, SHP825



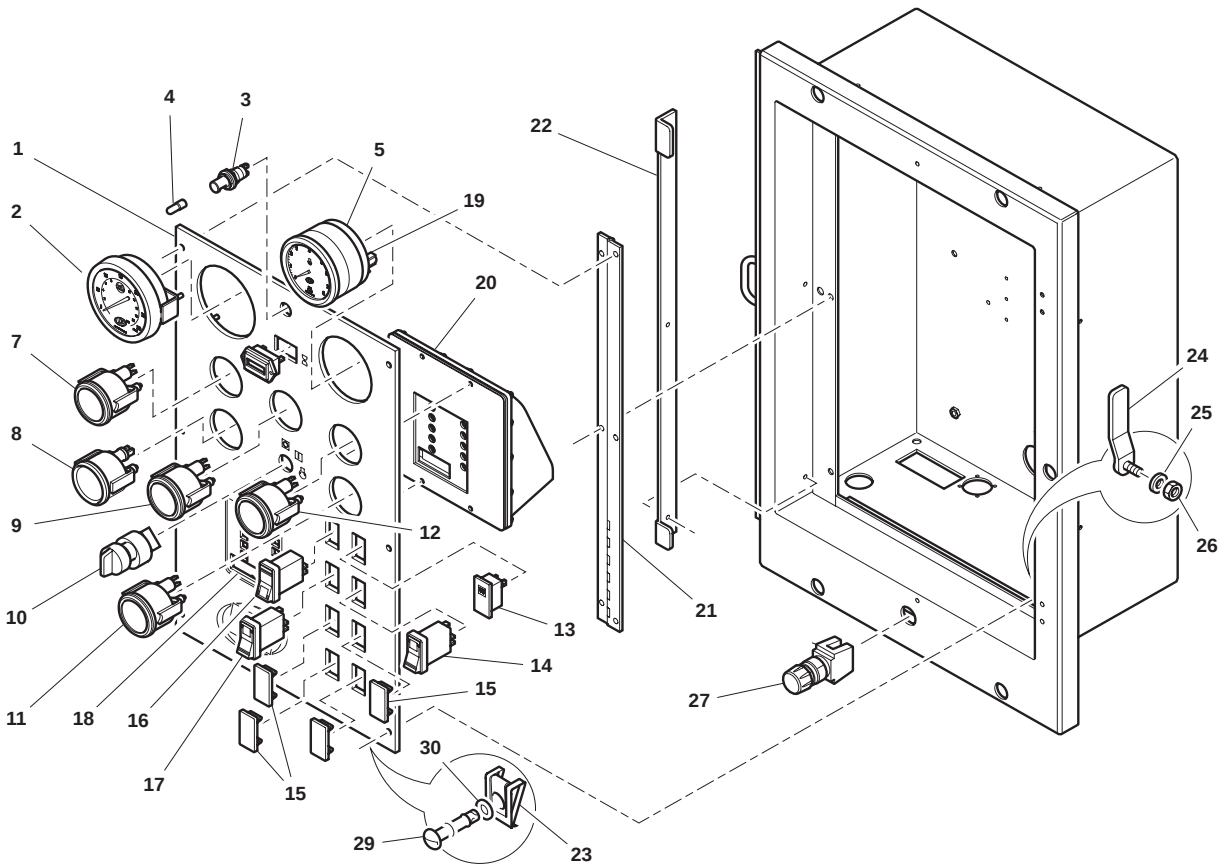
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
81	35306109	Nut, Tube	1	Continued
82	92955244	Adaptor, Orifice	1	
83	35282979	Hose Assembly	1	
84	35283092	Tee	1	
85	35367846	Adaptor	1	
86	35324839	Valve, Ball	1	
87	36852499	Elbow	1	
88	35283241	Hose Assembly	1	
89	92892959	Valve, Auto Blowdown	1	
90	92971811	Adaptor, Orifice	1	
91	92042936	Adaptor	1	
92	92079474	Hose Assembly	1	
93	95953899	Bushing	1	
94	35280098	Elbow	1	

Instrumentation/Electrical System



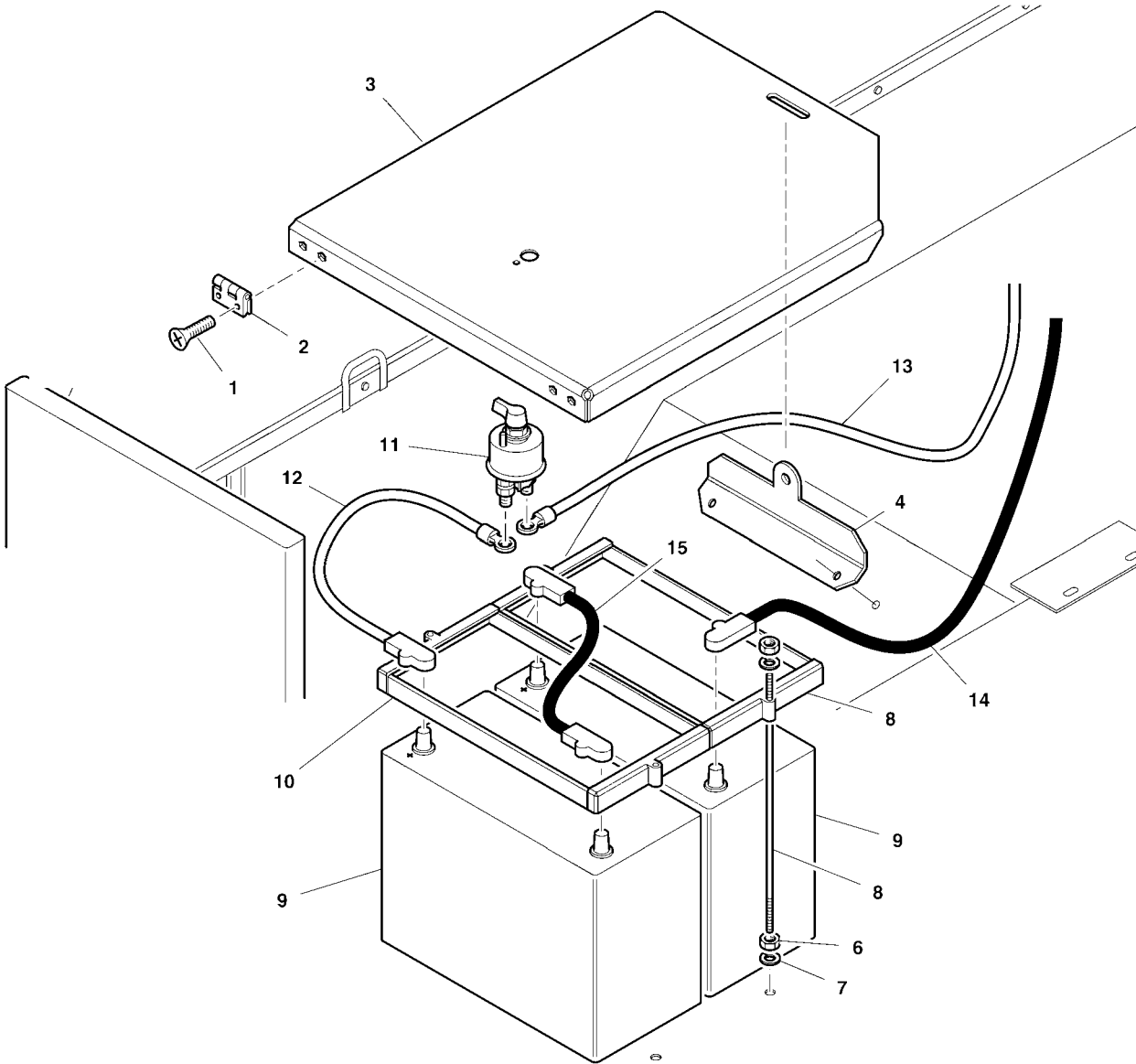
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22817841	Panel	1	
2	22105639	Gauge, Pressure	1	(300psi)
	36841468	Gauge, Pressure	1	(600psi)
3	36852622	Light	1	
4	22113880	Bulb, Light	1	
5	22055883	Tachometer Alternator	1	
6	54766704	Hourmeter	1	
7	22692610	Gauge, Temperature (Discharge)	1	
8	22692594	Gauge, Voltmeter	1	
9	22692602	Gauge, Fuel	1	
10	22127385	Switch, Start	1	
11	22692628	Gauge, Engine Oil Pressure	1	
12	22692610	Gauge, Engine Water Temperature	1	
13	22050553	Light Module	1	
				Continued.....

Instrumentation/Electrical System



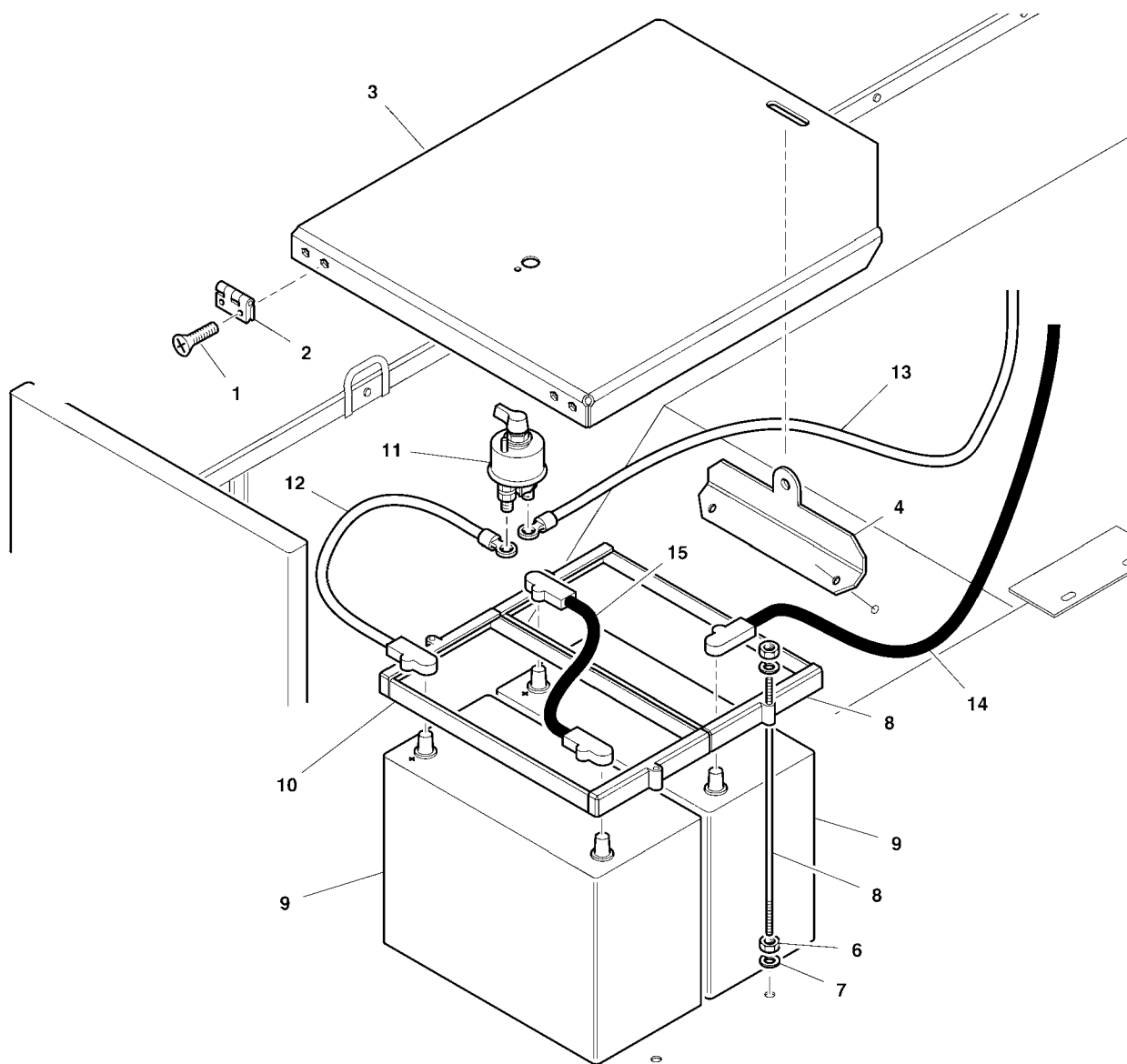
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053896	Switch, Light	1	Continued
15	22054142	Cover, Switch	4	
16	22054076	Switch, Push After Warm-up	1	
17	22054050	Switch, Heater	1	
18	22055800	Decal, Wedge	1	
19	22054159	Nut	2	
20	22173579	Controller, Wedge	1	
21	36840908	Hinge	1	
22	22105134	Support	1	
23	35314582	Receptacle, Fastner	3	
24	35603349	Latch	1	
25	95935037	Washer	1	
26	35273366	Nut	1	
27	19002492	Button, Emergency Stop	1	
29	36844124	Fastener - 1/4 Turn	3	
30	35369180	Retainer	3	

Instrumentation/Electrical System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	14097448	Screw	8	Continued.....
2	88152392	Hinge	2	
3	22099477	Cover, SRG	1	
4	22099584	Latch, SRG	1	
6	92398106	Nut	8	

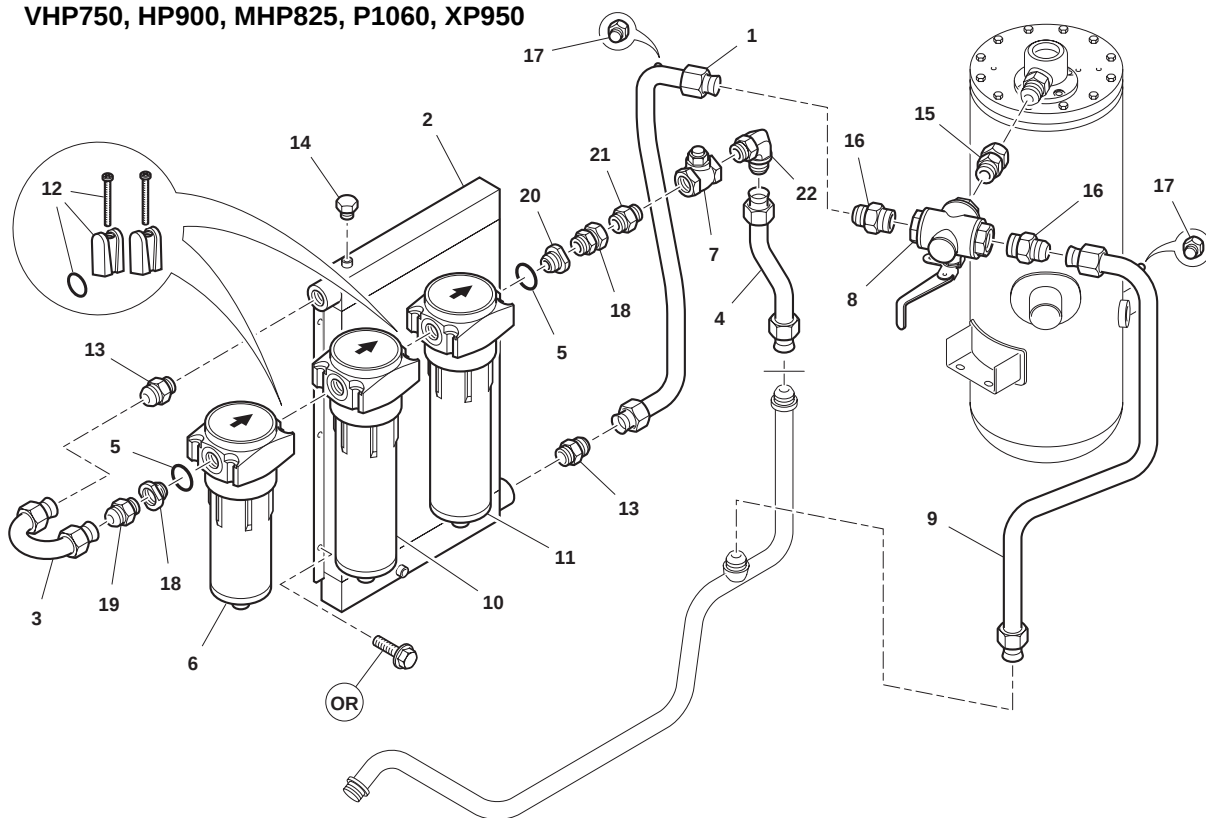
Instrumentation/Electrical System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
7	92341981	Washer	8	Continued
8	92395359	Stud	4	
9	36844975	Battery	2	
10	99287575	Clamp	2	
11	36896975	Switch	1	
12	54511282	Cable, Positive Jumper	1	
13	22465694	Cable, Positive	1	
14	36762201	Cable, Negative	1	
15	35258789	Cable, Battery Jumper	1	

Option-IQ LP

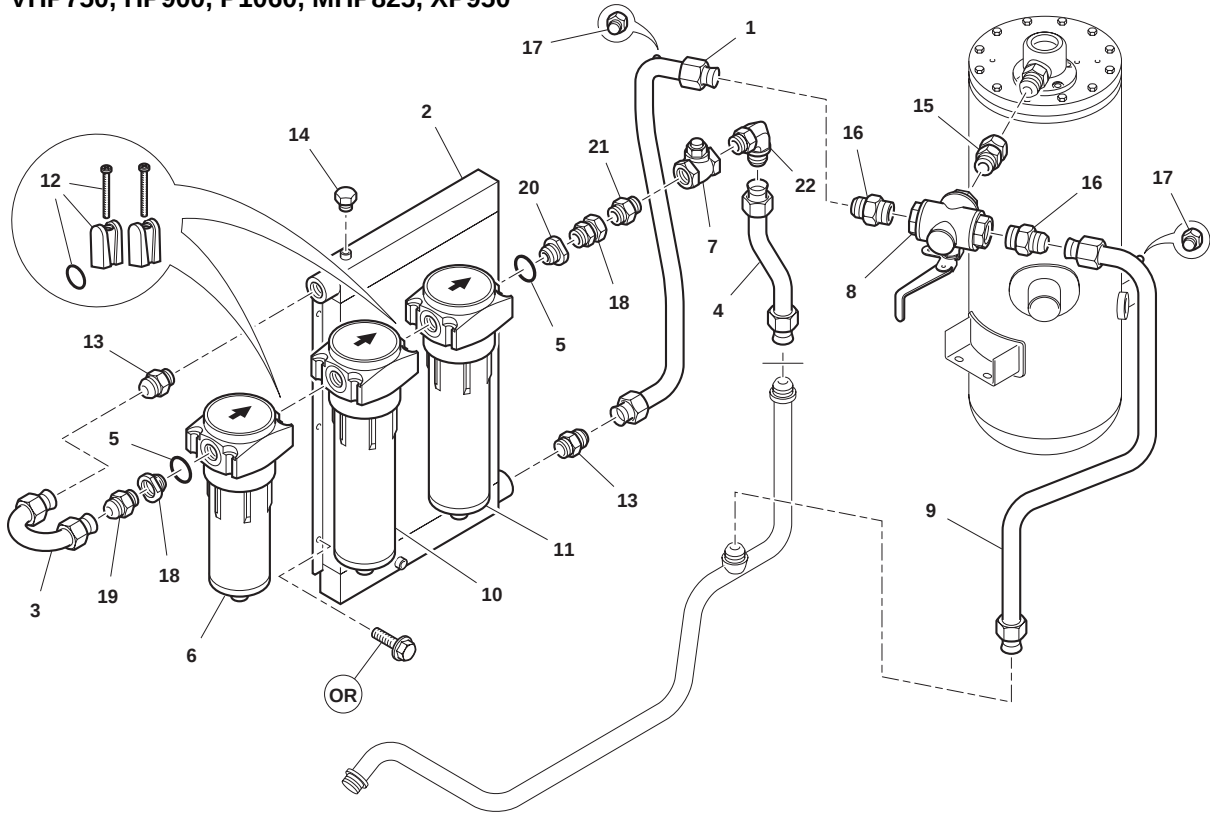
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	54635602	Tube Assembly	1	
4	54635610	Tube Assembly	1	
5	92864115	Seal	2	
6	91112201	Separator, Water	1	
7	54635586	Valve, Check	1	
8	54576079	Valve	1	
8a	54592001	Plate, Valve	1	
8b	95928321	Washer	2	
8c	54591961	Handle, Valve	1	
8d	96702055	Screw	1	
9	54576012	Tube Assembly	1	
10	92451962	Filter	1	
10a	54739057	Element	1	
11	92452192	Filter	1	
11a	54739065	Element	1	
12	54739024	Kit - Fixing	2	

Option-IQ LP

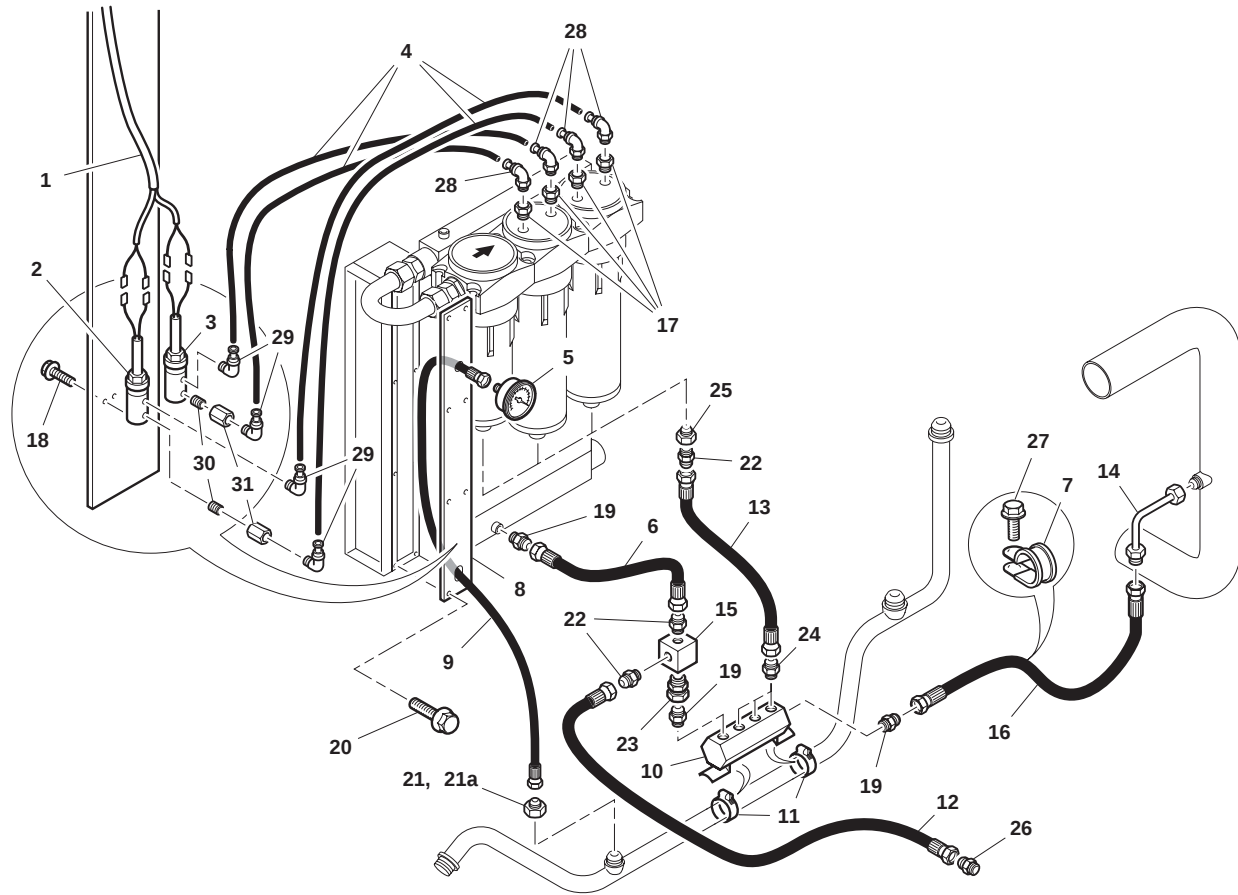
VHP750, HP900, P1060, MHP825, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	95371241	Connector	1	
14	95437381	Plug	1	
15	98100284	Adapter	1	
16	92895317	Connector	2	
17	92354661	Plug	2	
18	54579172	Bushing	2	
19	95371241	Connector	2	
20	54635594	Adapter	1	
21	92756832	Adapter	1	
22	54636733	Elbow	1	

Option - IQ

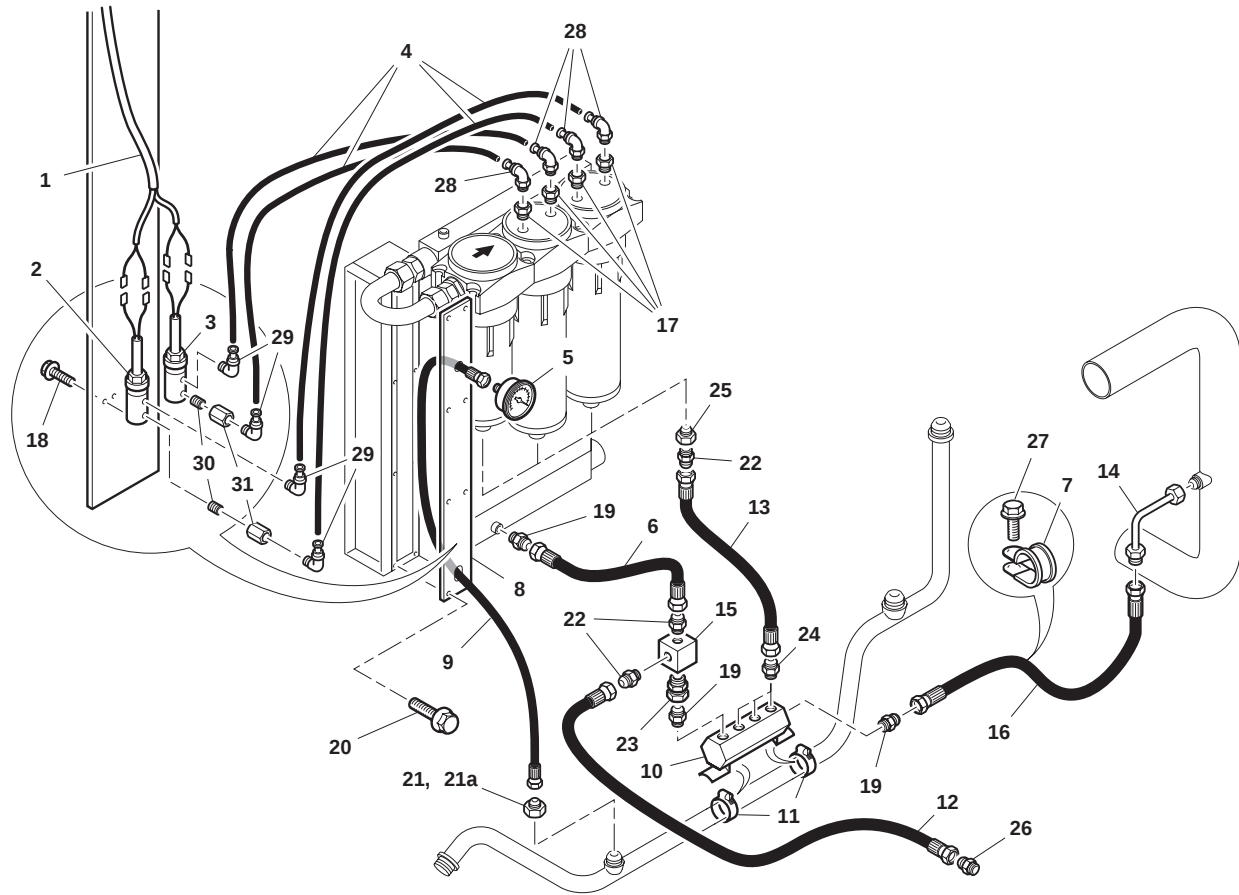
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22162572	Harness	1	
2	36899615	Indicator	1	
3	36899599	Indicator	1	
4	35335715	Tube (Nylon)	AR	
5	54640255	Gauge, Pressure	1	
6	35323724	Hose Assembly	1	
7	35222538	Clip, Retaining	1	
8	22567630	Panel	1	
9	35283480	Hose Assembly	1	
10	54578711	Manifold	1	
11	35221639	Clip, Retaining	2	
12	35282987	Hose Assembly	1	
13	35311471	Hose Assembly	3	
14	54578869	Tube Assembly	1	
15	35322379	Valve, Blowdown	1	
16	54579404	Hose Assembly	1	Continued.....

Option - IQ

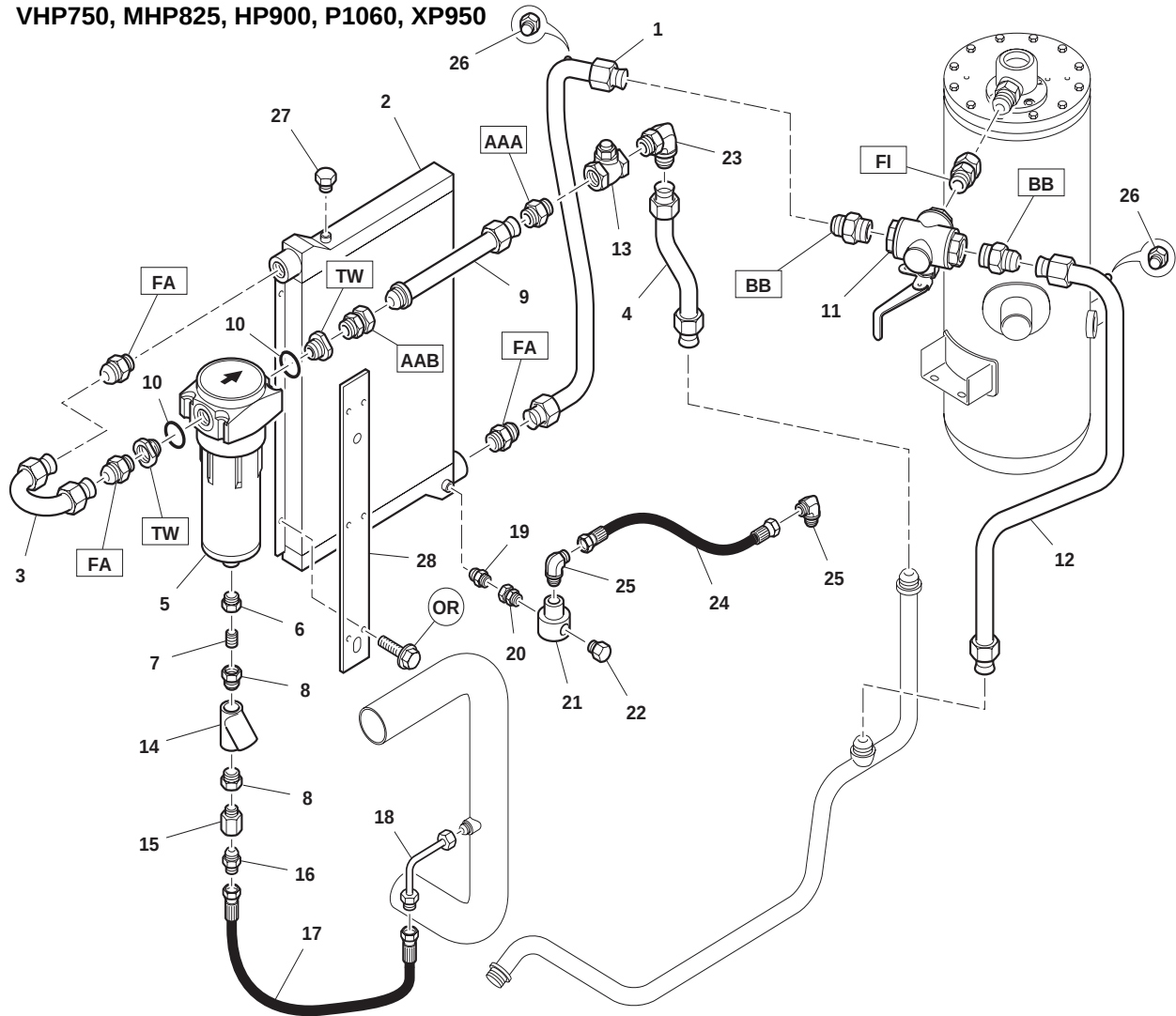
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	54598784	Adaptor	4	Continued
18	95934774	Screw	4	
19	95365078	Adaptor	3	
20	36889608	Screw	6	
21	93186278	Adaptor	1	
21a	35324987	Nut	1	
22	35284082	Adaptor	3	
23	35367846	Adaptor	1	
24	54592167	Orifice	3	
25	89292411	Adaptor	3	
26	35279934	Adaptor	1	
27	36898096	Screw	1	
28	92902733	Elbow	4	
29	35369370	Elbow	4	
30	95953493	Nipple	2	
31	95935599	Coupling	2	

Option - After Cooler With Water Separator

VHP750, MHP825, HP900, P1060, XP950

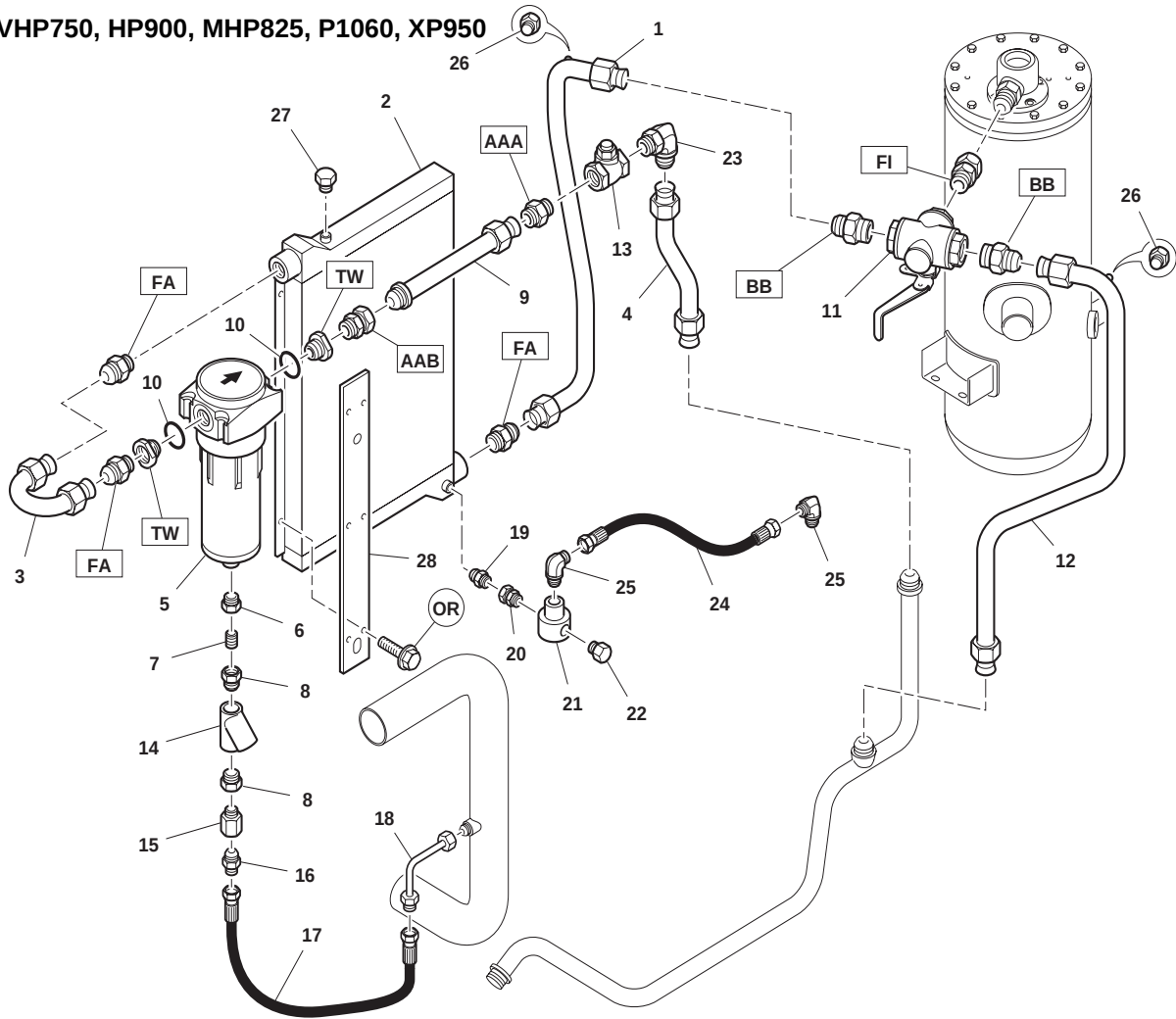


ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	54635610	Tube Assembly	1	
5	91112201	Separator, Water	1	
6	89292411	Adaptor	1	
7	95944575	Nipple	1	
8	95940748	Adaptor	2	
9	54401583	Tube Assembly	1	
10	92864115	Seal	2	
11	54576079	Valve	1	
11a	54592001	Plate, Valve	1	
11b	95928321	Washer	2	
11c	54591961	Handle, Valve	1	
11d	96702055	Screw	1	

Continued.....

Option - After Cooler With Water Separator

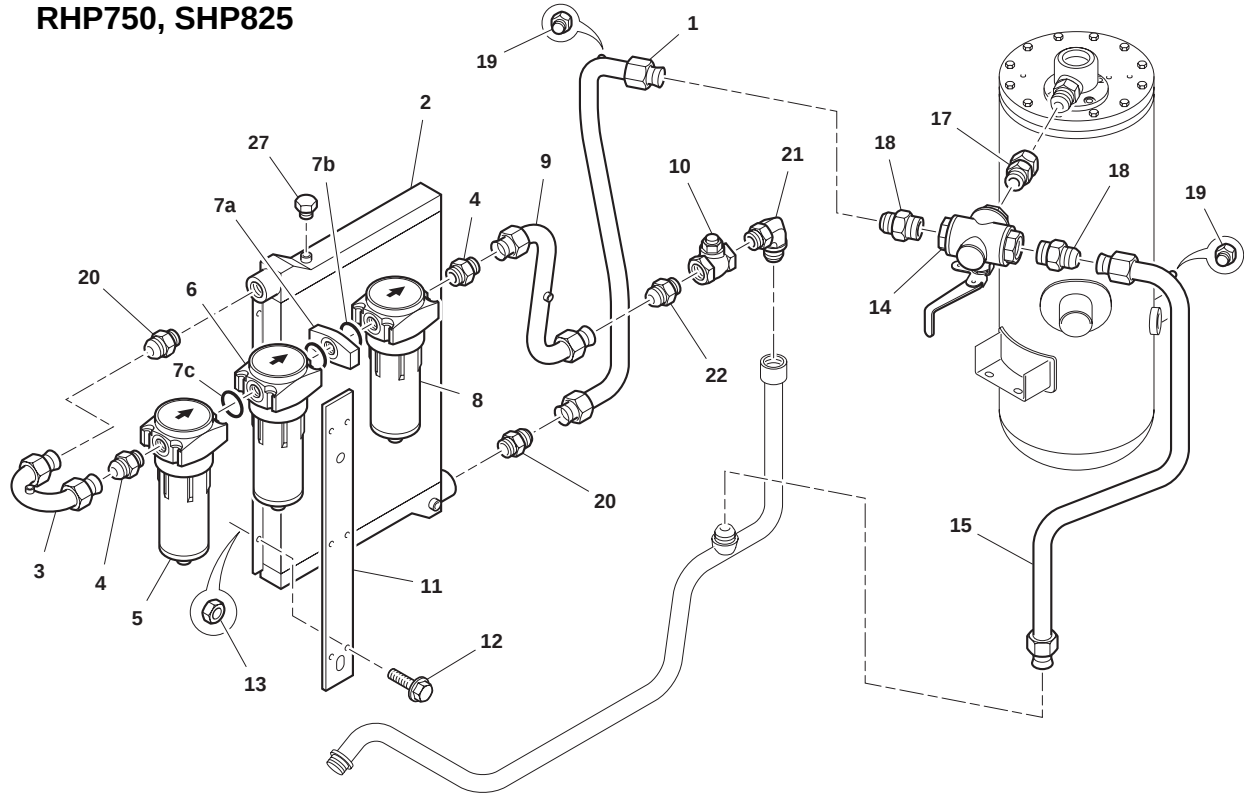
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	54576012	Tube Assembly	1	Continued
13	54635586	Valve, Check	1	
14	36844579	Y-Strainer	1	
15	37081528	Orifice	1	
16	35284082	Adaptor	1	
17	22285795	Hose Assembly	1	
18	54578869	Tube Assembly	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379	Valve, Blowdown	1	
22	35248319	Orifice	1	
23	54636733	Elbow	1	
24	35283001	Hose Assembly	1	
25	35279934	Elbow	2	
26	92354661	Plug	2	
27	95437181	Plug	1	
28	22578025	Panel	1	

Option - IQ Dual Filter

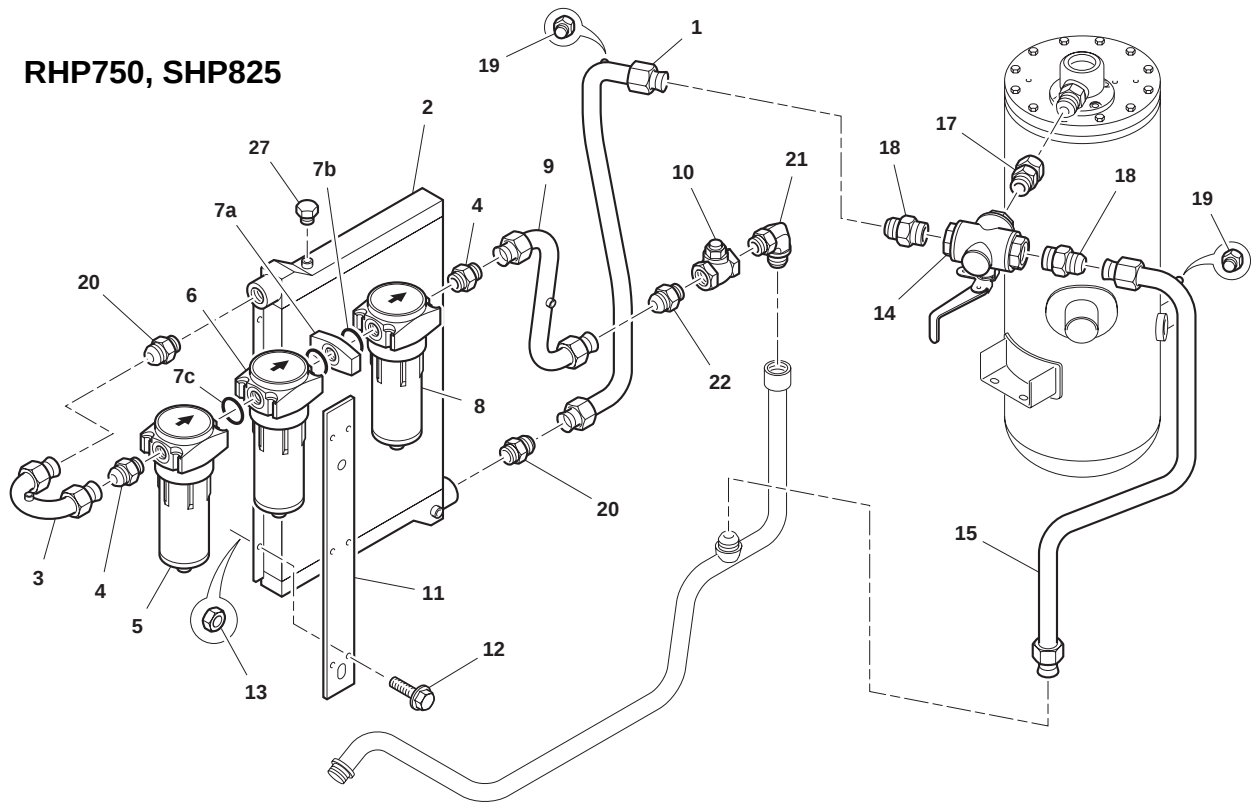
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54576004	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	54635602	Tube Assembly	1	
4	35335124	Connector	2	
5	54731617	Separator, Water	1	
6	54731625	Filter, Primary	1	
	54739032	Element	1	
7	54739008	Kit, Water Separator Mounting	1	
7a	22068845	Spacer, Filter Port	1	
7b	22243141	O-Ring, IQ Filter Spacer	2	
7c	22243158	O-Ring, IQ Filter	1	
7d	N.S.S	Tie Rod, IQ Filter Assembly	2	
8	54738992	Filter, Secondary	1	
	54739040	Element	1	
9	22290019	Tube Assembly	1	
10	54635586	Valve, Check	1	
11	22567630	Plate, Aftercooler	1	
12	36889608	Screw	6	
13	36881886	Nut	6	
				Continued.....

Option - IQ Dual Filter

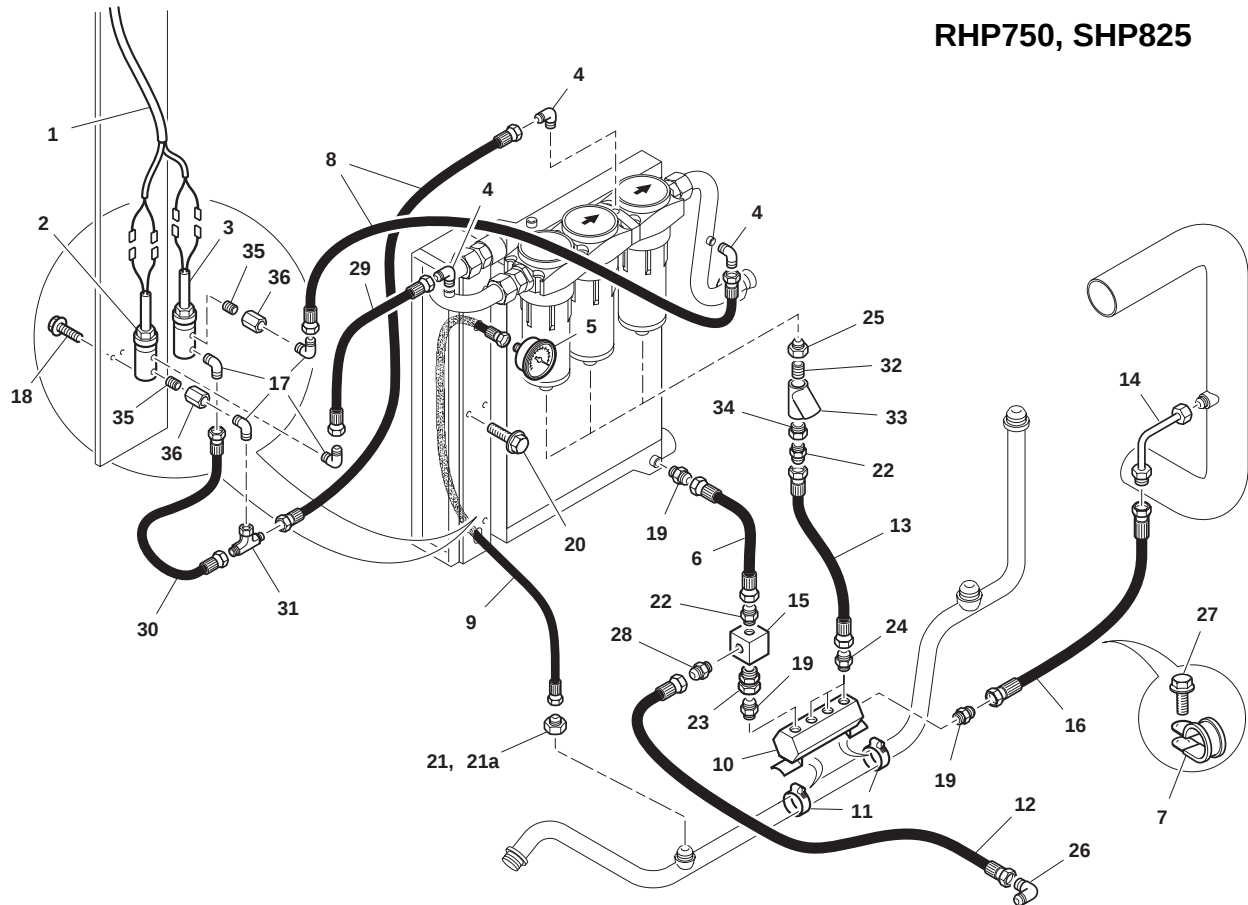
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	54576079	Valve	1	Continued
14a	54592001	Plate, Valve	1	
14b	95928321	Washer	2	
14c	54591961	Handle, Valve	1	
14d	96702055	Screw	1	
15	54576020	Tube Assembly	1	
16	95437281	Plug	1	
17	88100284	Adaptor	1	
18	92895317	Connector	2	
19	92354661	Plug	2	
20	95371241	Connector	2	
21	54636733	Elbow	1	
22	92756832	Adaptor	1	

Option - IQ Dual Filter

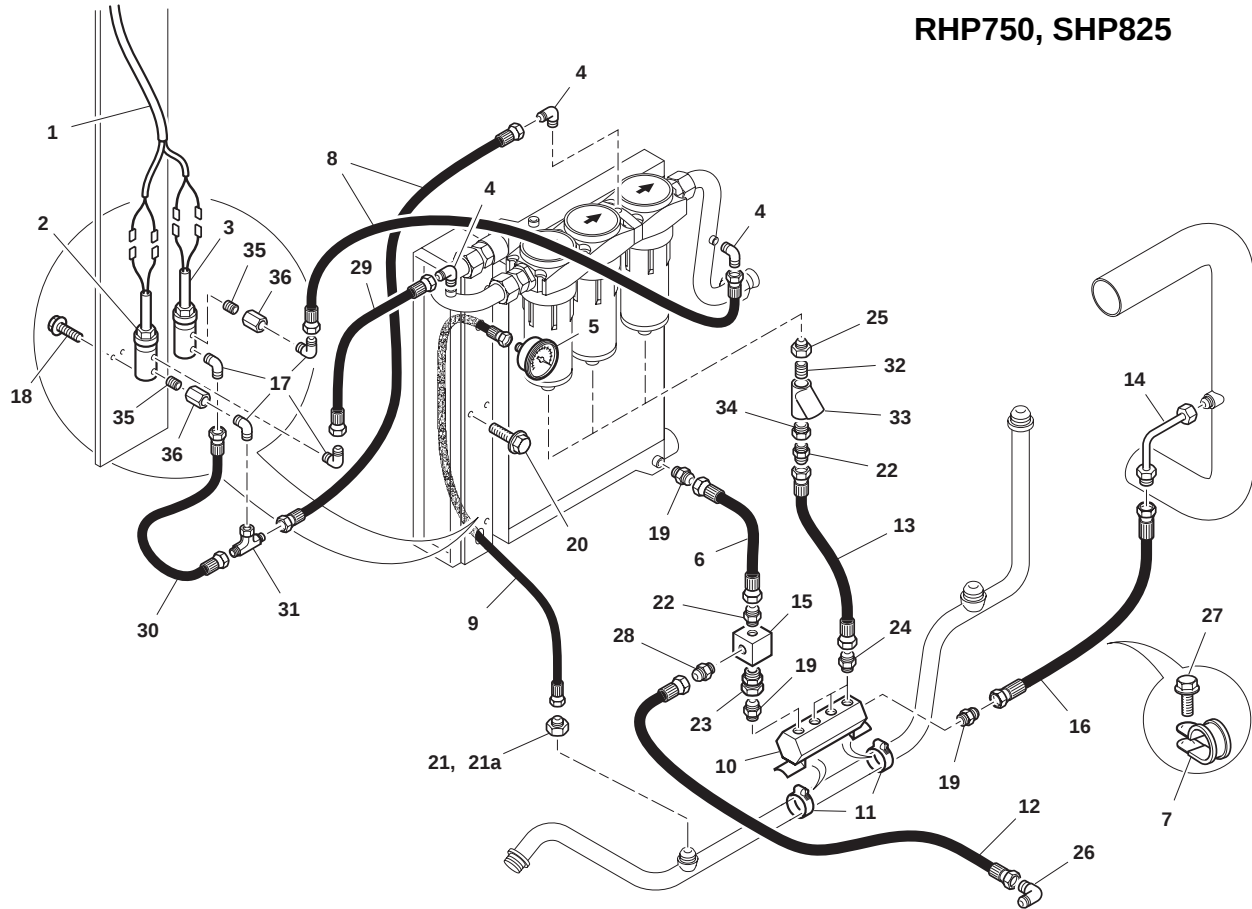
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22162572	Harness	1	
2	36899615	Indicator	1	
3	36899599	Indicator	1	
4	35283464	Elbow	4	
5	54640255	Gauge, Pressure	1	
6	35323724	Hose Assembly	1	
7	35222538	Clip, Retaining	1	
8	35283480	Hose Assembly	2	
9	35283480	Hose Assembly	1	
10	54578711	Manifold	1	
11	35221639	Clip, Retaining	2	
12	35283498	Hose Assembly	1	
13	35311471	Hose Assembly	3	
14	54578869	Tube Assembly	1	
15	35322379	Valve, Blowdown	1	
16	54579404	Hose Assembly	1	
17	35306687	Elbow	4	Continued.....

Option - IQ Dual Filter

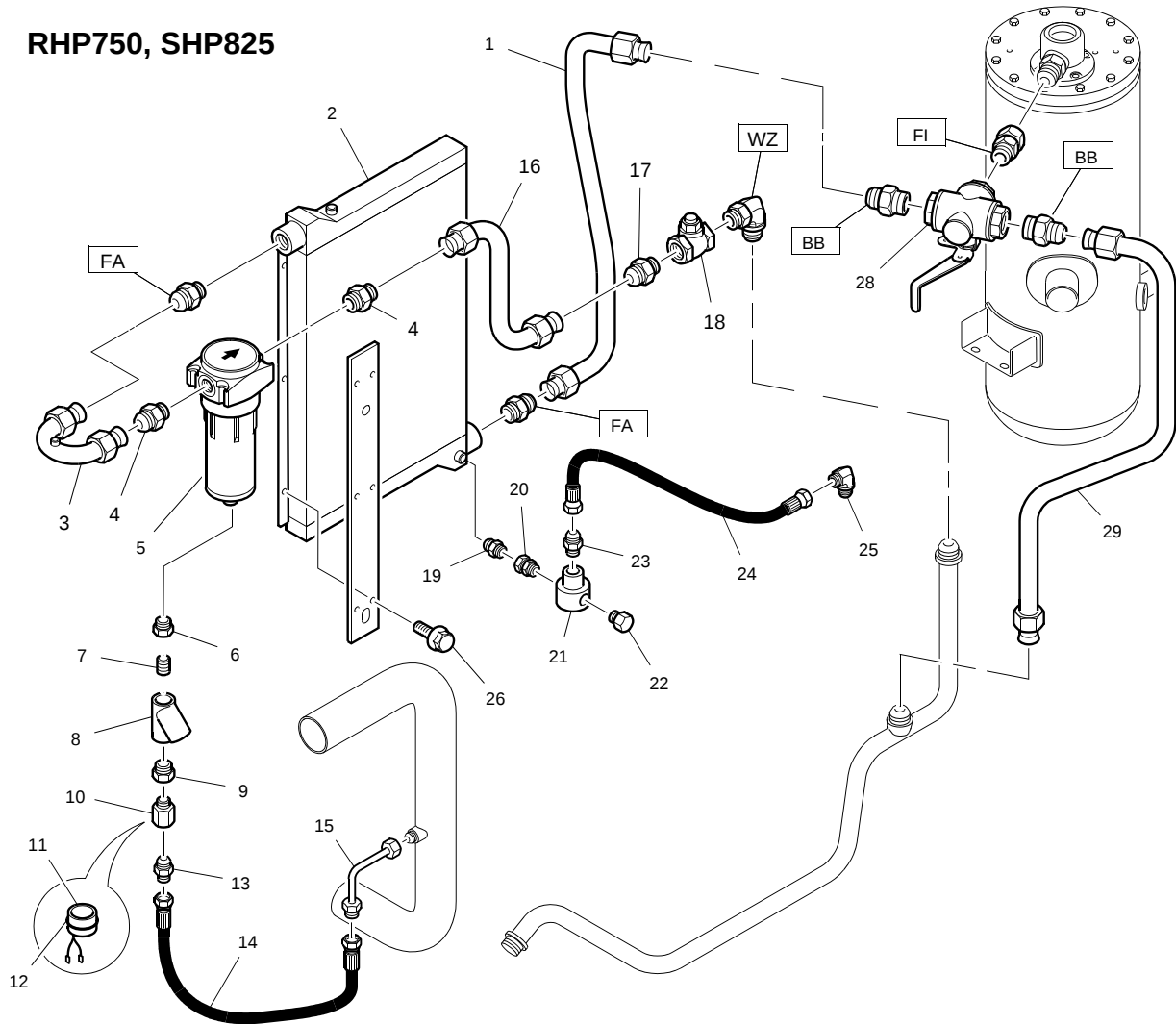
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	95934774	Screw	4	Continued
19	95365078	Adaptor	3	
20	36889608	Screw	6	
21	93186278	Adaptor	1	
21a	35324987	Nut	1	
22	35284082	Adaptor	5	
23	35367846	Adaptor	1	
24	54592167	Adaptor, Orifice	3	
25	95245353	Adaptor	3	
26	35301225	Elbow	1	
27	36898096	Screw	1	
28	92098235	Connector	1	
29	35288034	Hose Assembly	1	
30	35310960	Hose Assembly	1	
31	35323591	Tee	1	
32	95772562	Nipple	3	
33	36844579	Y-Strainer	3	
34	95940748	Adaptor	3	
35	95953493	Nipple	2	
36	95935599	Coupling	2	

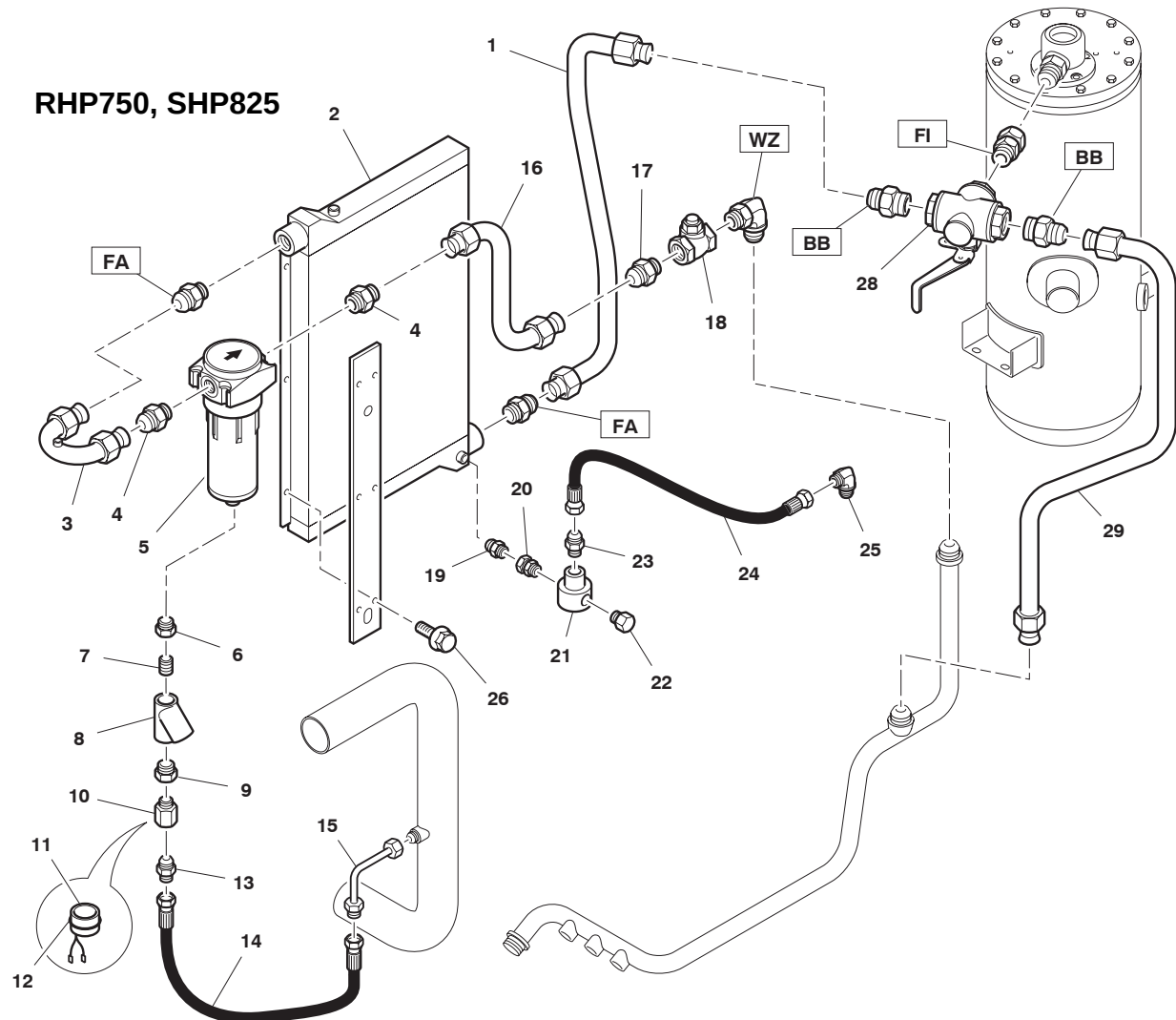
Option - Oil/Air Piping (Aftercooler)

RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54576004	Tube Assembly	1	Continued.....
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	35335124	Connector	2	
5	54731617	Separator, Water	1	
6	95245353	Adaptor	1	
7	95772562	Nipple	1	
8	36844579	Y-Strainer	1	
9	95940748	Bushing	1	
10	37081528	Orifice	1	
11	36841526	Heater	1	
12	36847853	Tie	1	
13	35284082	Connector	1	
14	22285795	Hose Assembly	1	
15	54578869	Tube Assembly	1	
16	22290027	Tube Assembly	1	

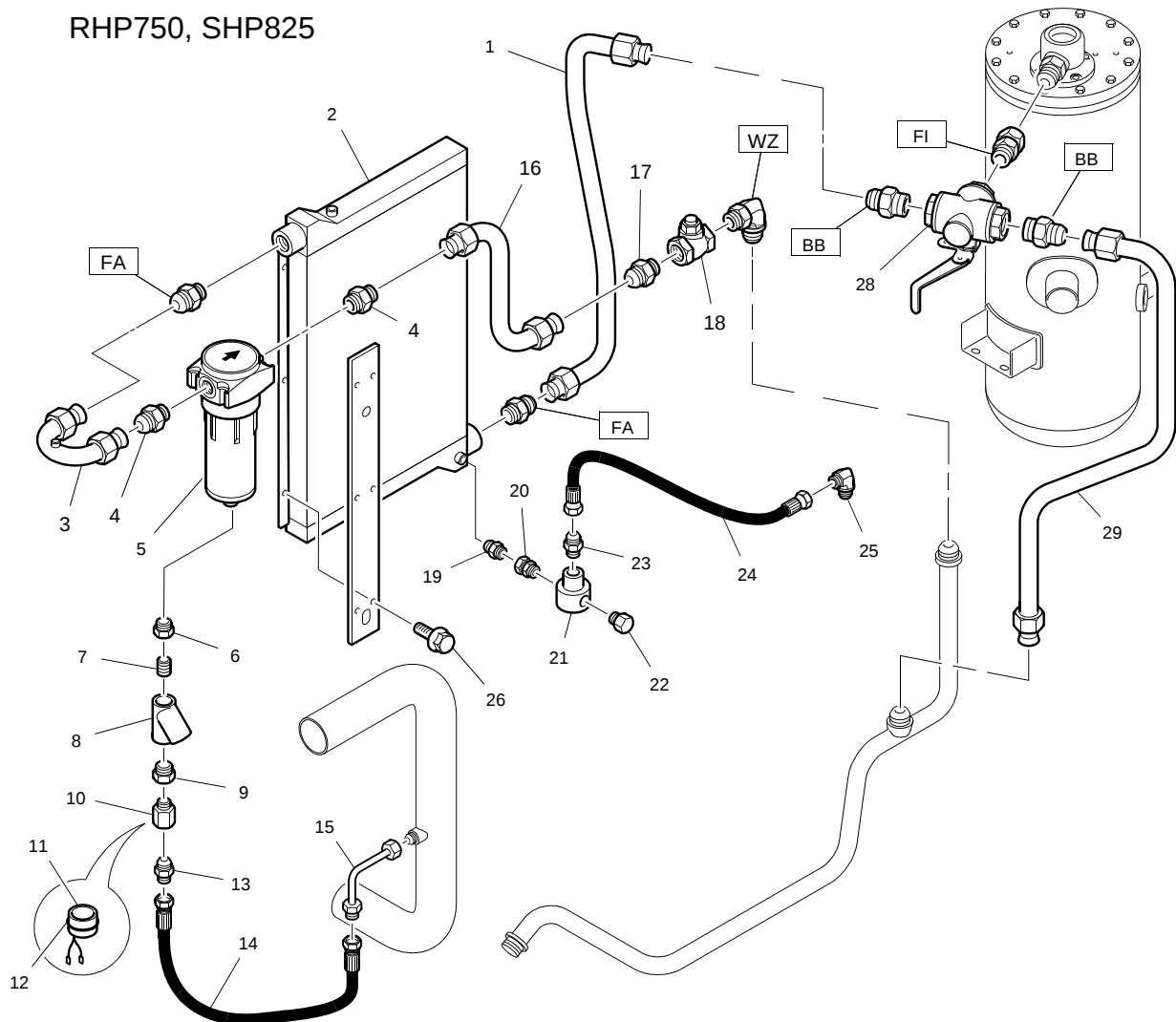
Option - Oil/Air Piping (Aftercooler)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	92756832	Connector	2	Continued
18	54635586	Valve, Check	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379	Valve, Blowdown	1	
22	35248319	Orifice	1	
23	35283472	Connector	1	
24	35283498	Hose Assembly	1	
25	35301225	Elbow	1	
26	36889608	Screw	3	
27	36881886	Nut	3	
28	54576079	Valve	1	
28a	54592001	Plate, Valve	1	
				Continued.....

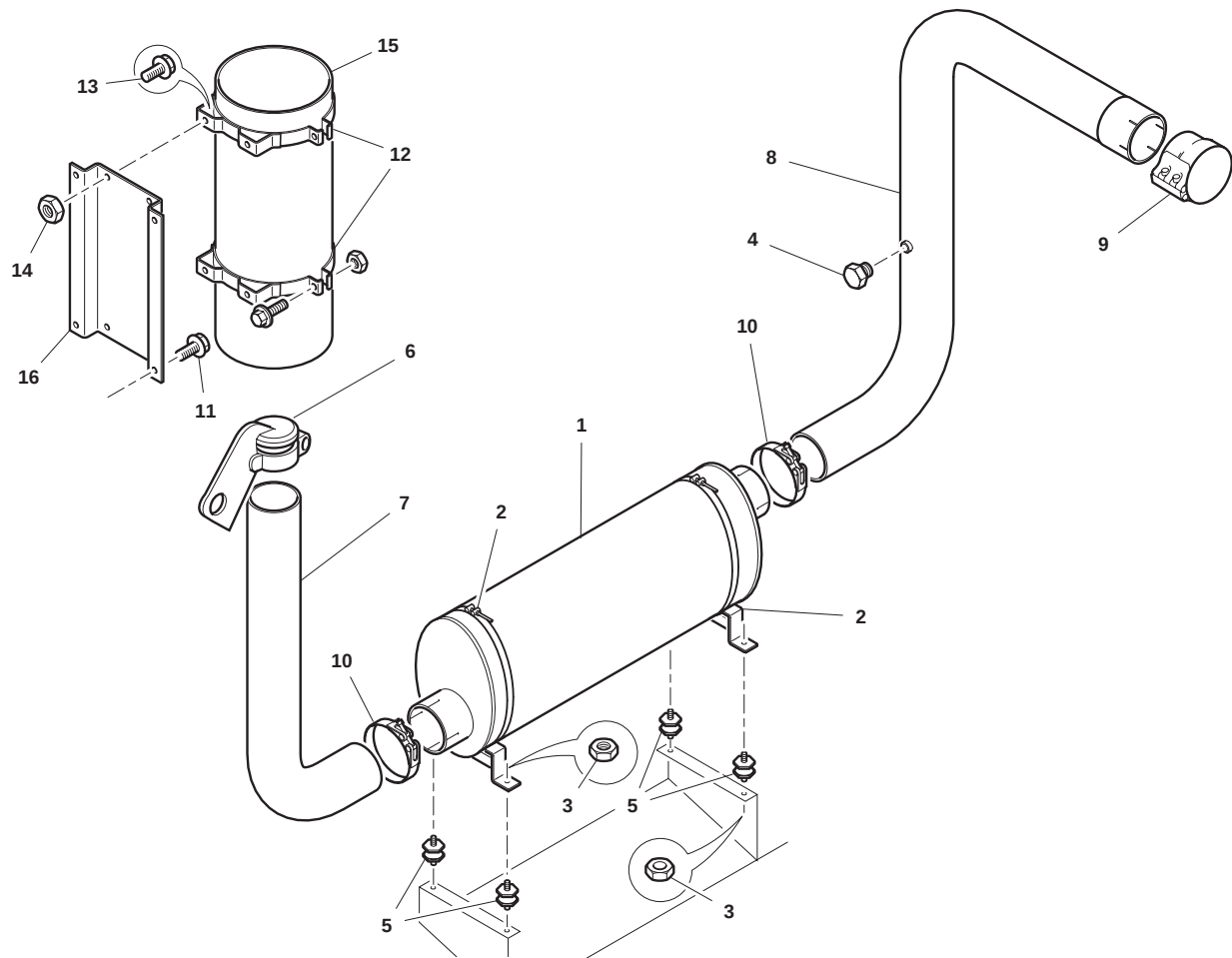
Option - Oil/Air Piping (Aftercooler)

RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28b	92756832	Connector	2	Continued
28c	54591961	Handle, Valve	1	
28d	96702055	Screw	1	
29	54576020	Tube Assembly	1	
30	92354661	Plug	2	

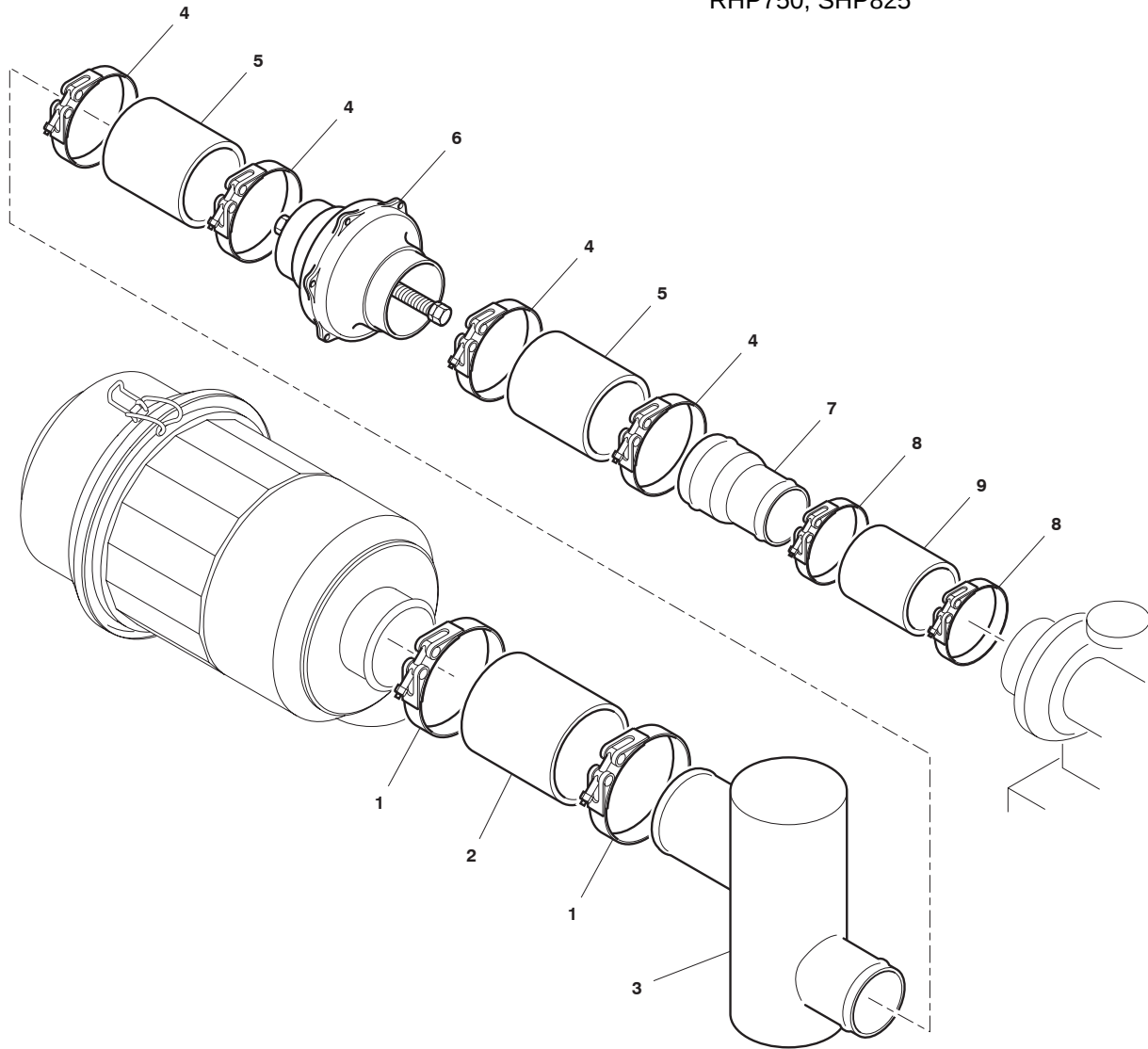
Option - Spark Arrestor Muffler
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	89298855	Arrestor, Spark	1	
2	24906919	Bracket	2	
3	36881886	Nut	8	
4	95928255	Plug	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22334650	Pipe	1	
8	22334635	Pipe	1	
9	35307131	Clamp	1	
10	89298889	Clamp	2	
11	35279025	Screw	4	
12	36787026	Band, Mounting	2	
13	36889608	Screw	4	
14	36881886	Nut	4	
15	36787034	Tube	1	
16	22321475	Bracket	1	

Option - Overspeed Valve

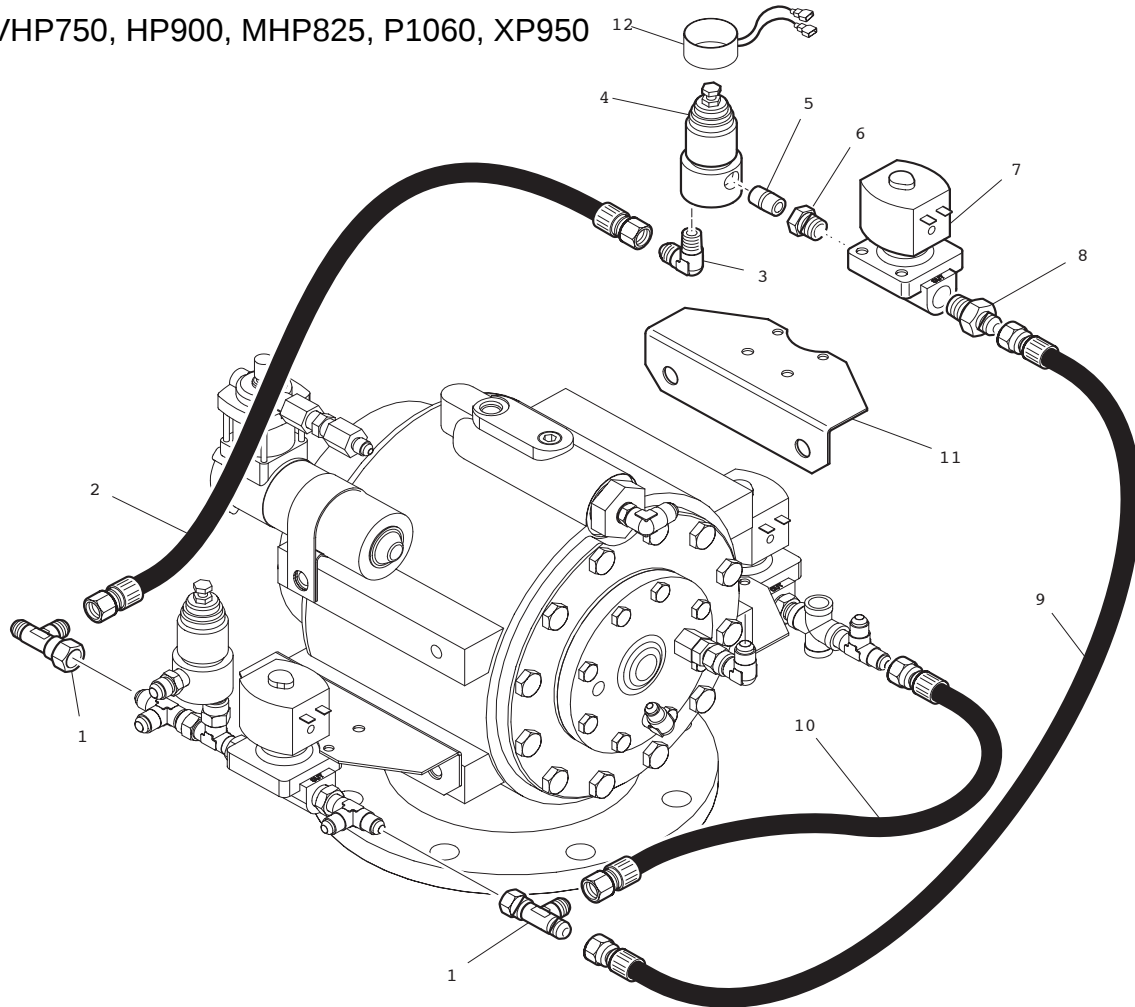
RHP750, SHP825



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35123496	Clamp	2	6"
2	89299440	Connector	1	
3	22329916	Offset	1	6 X 5
4	35161025	Clamp	4	5"
5	22333538	Connector	2	
6	92808591	Chalwyn Valve	1	
7	22333512	Reducer	1	
8	36897668	Clamp	2	4"
9	22333520	Connector	1	

Option - Dual Pressure Regulation

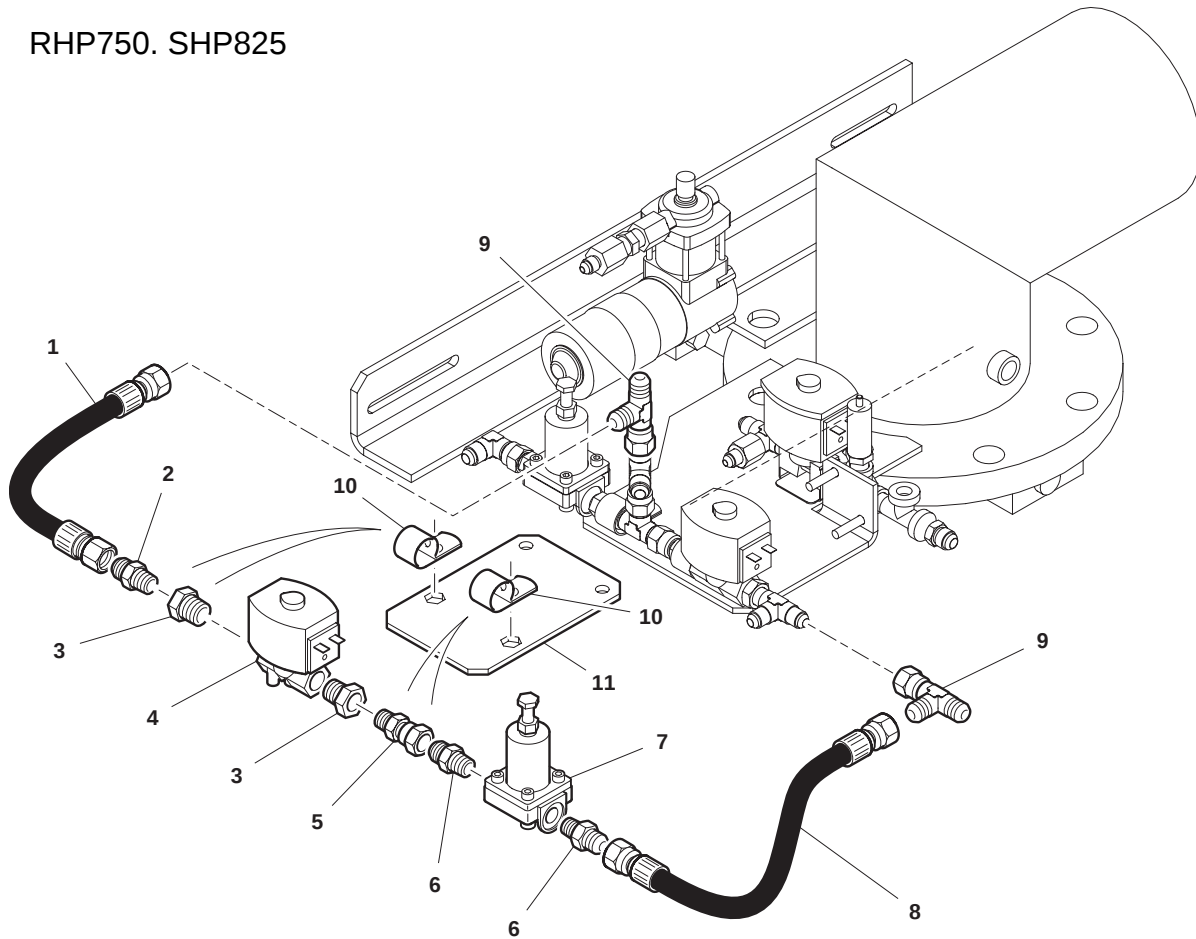
VHP750, HP900, MHP825, P1060, XP950



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95415667	Tee	2	
2	35288042	Hose Assembly	1	
3	35279934	Elbow	1	
4	36854149	Pressure Regulator	1	
5	95667341	Nipple	1	
6	95940748	Bush, Reducing	2	
7	36840841	Valve, Solenoid	1	
8	35290147	Connector	1	
9	35311471	Hose Assembly	1	
10	35284504	Hose Assembly	1	
11	22410187	Bracket	1	
12	36854677	Heater	1	
Parts Not Illustrated				
13	54773791	Decal For LP / HP Regulator	1	
14	22476063	Heater Harness	1	
15	22054084	Switch	1	
16	22339683	Harness, Option	1	

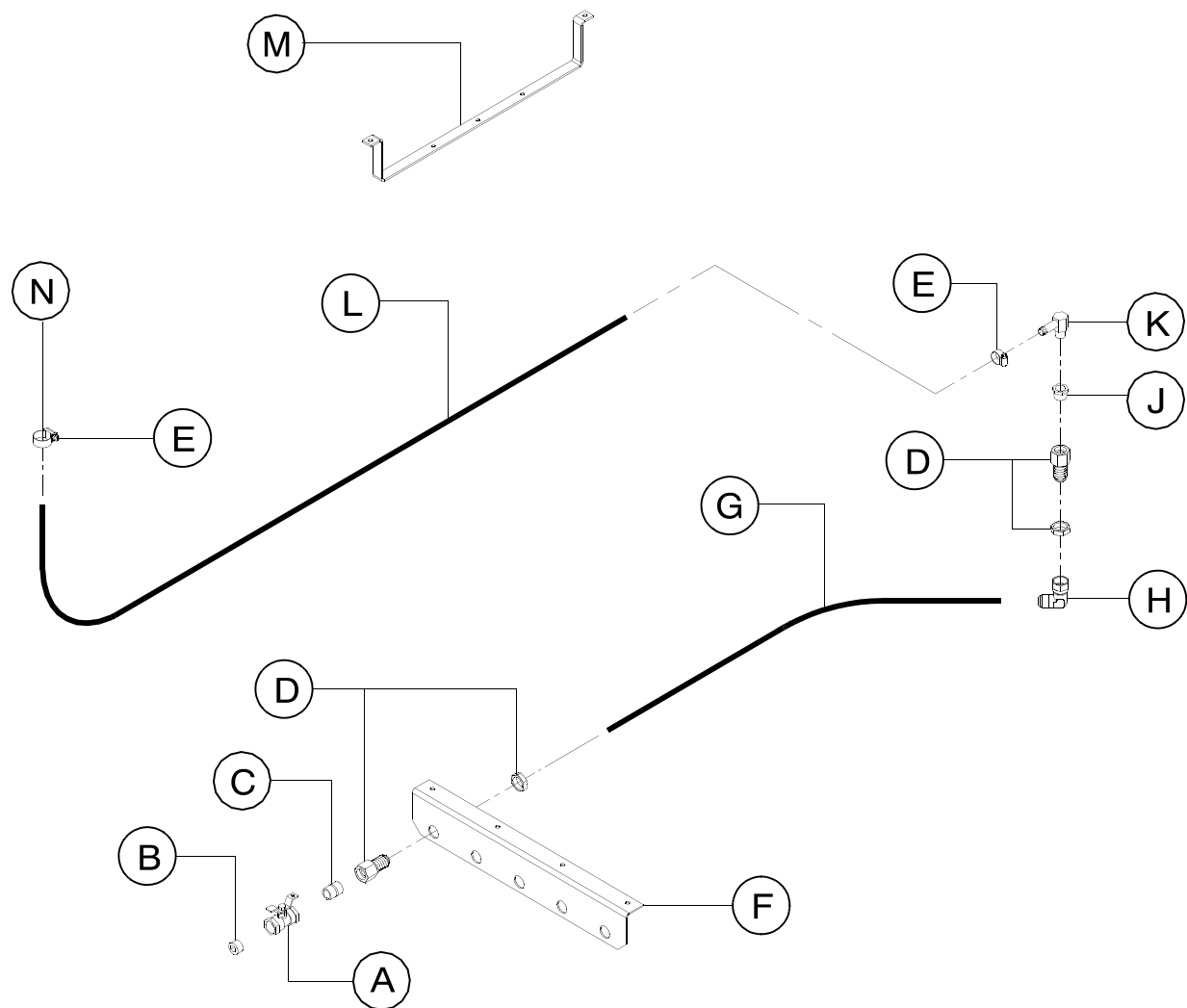
Option - Dual Pressure Regulation

RHP750. SHP825



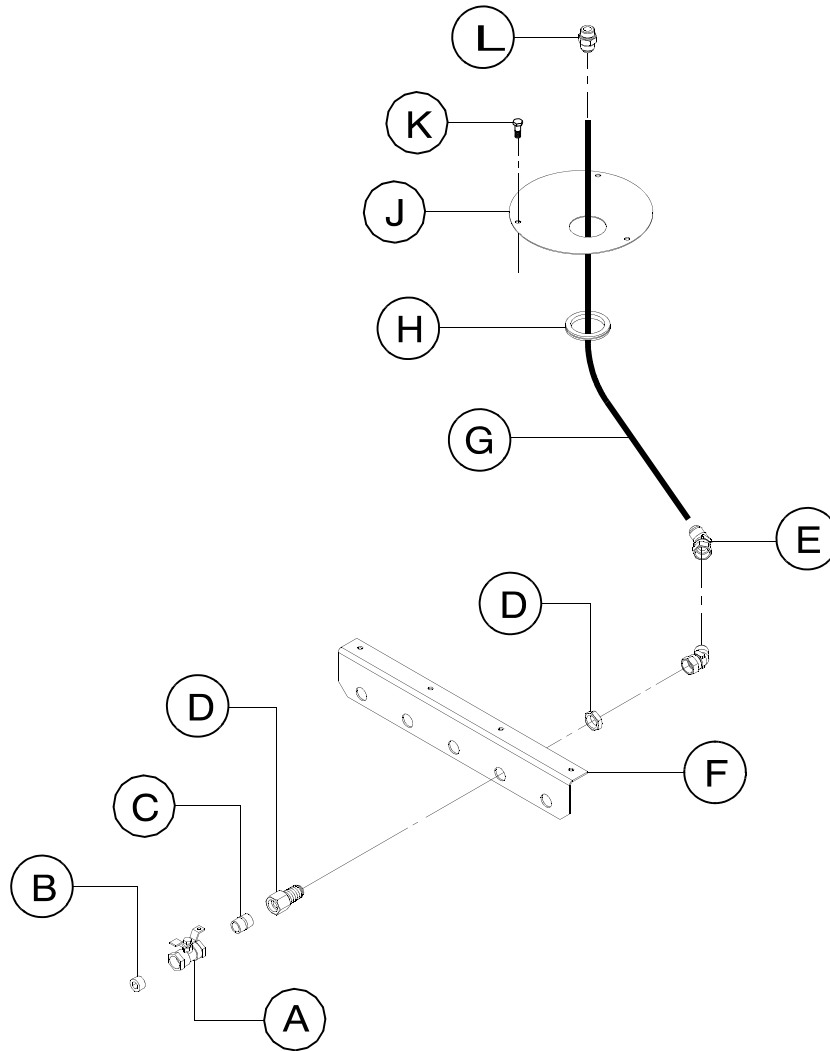
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35330513	Hose Assembly	1	
2	35284082	Connector	1	
3	95940748	Bushing, Reducing	2	
4	36842300	Valve, Solenoid	1	
5	35367846	Connector	1	
6	92478387	Connector	2	
7	92956093	Regulator, Pressure	1	
8	35282946	Hose Assembly	1	
9	95415667	Tee	2	
10	35291285	Clamp	2	
11	22820633	Bracket	1	
Items Not Illustrated				
12	54773791	Decal for LP / HP Regulator	1	
13	36854677	Heater	1	
14	22476063	Harness Heater	1	
15	22054084	Switch	1	
16	22339683	Harness, Option	1	

Option - Central Drain STRG Engine Oil



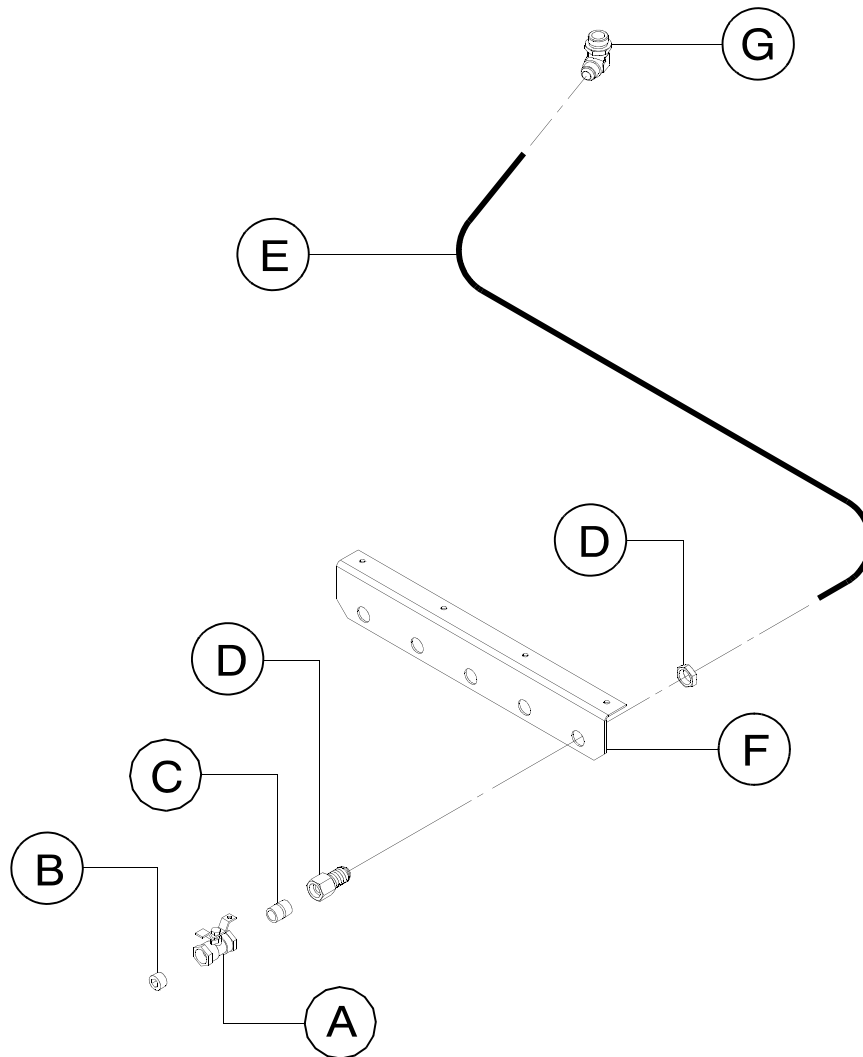
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	95220844	Clamp	1	
F	22828990	Bracket, Central Drain	1	
G	35289503	Hose Assembly	1	
H	35301506	Elbow	1	
J	95953949	Bushing, Reducing	1	
K	35366665	Elbow	1	
L	35326578	Hose (12 inches)	1	
M	22832729	Bracket, Hose Support	1	
N		To Engine Oil Pan Drain		

Option - Central Drain STRG Separator Tank



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323922	Elbow	2	
F	22828990	Bracket, Central Drain	1	
G	35294677	Hose Assembly	1	
H	36878221	Grommet	1	
J	22833560	Cover, Access	1	
K	35279025	Screw	3	
L	35295880	Connector	1	

Option - Central Drain STRG Fuel Tank



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323807	Hose Assembly	1	
F	22828990	Bracket, Central Drain	1	
G	36861540	Elbow	1	

Recommended Parts

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1 - 4	44008183	Kit - 0-50 Hours (all models)	1	
1	35362235	Filter, Oil (Engine) CAT	1	
2	22730014	Filter, Fuel (Primary) CAT	1	
3	22284376	Filter, Fuel (Secondary)CAT	1	
4	36860336	Filter, Oil (Airend)	2	
1 - 6	44008536	Kit - 500 Hours (all models)	1	
1	35362235	Filter, Oil (Engine)	1	
2	22730014	Filter, Fuel (Primary)	1	
3	22284376	Filter, Fuel (Secondary)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	22351654	Coolant Conditioner	1	
1 - 7	44008571	Kit - 1000 Hours (all models)	1	
1	35362235	Filter, Oil (Engine)	1	
2	22730014	Filter, Fuel (Primary)	1	
3	22284376	Filter, Fuel (Secondary)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	22351654	Coolant Conditioner	1	
1 - 8	44008589	Kit - 2000 Hours (VHP, HP, MHP, P, XP, SHP)	1	
1	35362235	Filter, Oil (Engine)	1	
2	22730014	Filter, Fuel (Primary)	1	
3	22284376	Filter, Fuel (Secondary)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	89285761	Element, Separator	1	
8	22351654	Coolant Conditioner	1	
1 - 8	44008704	Kit - 2000 Hours (RHP)	1	
1	35362235	Filter, Oil (Engine)	1	
2	22730014	Filter, Fuel (Primary)	1	
3	22284376	Filter, Fuel (Secondary)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	89202022	Element, Separator	1	
8	22351654	Coolant Conditioner	1	

Fasteners Index

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
AF	95470993	Bolt		3/8" UNC X 1"
AI	39155239	Bolt		M10 X 60
BC	92311703	Bolt		M16 X 100
BD	92419886	Bolt		M16 X 110
BG	92280965	Bolt		M16 X 70
BI	92495597	Bolt		M16 X 90
BM	92391358	Bolt		M20 X 90
CA	95792321	Bolt		3/8" UNC X 2"
C6	96716105	Setscrew		M8 X 12
C7	96706254	Setscrew		M16 X 35
C8	96705983	Setscrew		M10 X 35
C9	96706262	Setscrew		M16 X 45
DI	35272541	Bolt		M16 X 40
D2	96712179	Setscrew		M12 X 35
D3	92972140	Setscrew		M8 X 16
D5	93500726	Capscrew Socket Head		M6 X 16
D9	88120100	Bolt		M10 X 130
EN	92421411	Capscrew Socket Head		M8 X 25
FV	95055349	Capscrew Socket Head		3/8" UNC X 1"
GQ	92311695	Locknut		M16
HB	95209367	Lockwasher		1/4
HI	92061332	Lockwasher		M10
HO	92304682	Lockwasher		M12
HS	92359371	Lockwasher		M16
HV	92391374	Lockwasher		M20
IB	92061324	Lockwasher		M8
ID	92304666	Lockwasher		M8
II	92304674	Lockwasher		M10
IO	92821677	Washer, Spring		M22
JE	92274828	Nut		1/4" UNF
JP	92304526	Nut		M10
JR	90103854	Nut		M12
JV	92484880	Nut		M16
JX	92700590	Nut		M20
KD	92304518	Nut		M8
KR	92304575	Nut		M12
KS	92304575	Nut		M12
LF	92398106	Nut		M6
LG	92398114	Nut		M8
MP	92879261	Screw		M5 X 12
MZ	92096031	Screw		M6 X 16
NJ	35273416	Screw		M8 X 1.25 X 25
OA	92368687	Screw		M6 X 12
OH	92182138	Screw		M10 X 30
				Continued.....

Fasteners Index

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
				Continued
OI	92176114	Screw		M12 X 20
OJ	92398627	Screw		M12 X 30
OM	92184811	Screw		M6 X 12
OO	92398122	Screw		M6 X 20
OP	92179043	Screw		M6 X 25
OQ	92398130	Screw		M8 X 20
OR	92101112	Screw		M8 X 25
PC	50763325	Bolt		M20 X 70
PE	92972157	Screw		M8 X 20
PM	35144336	Screw		5/16" UNC X 3/4"
PZ	35536304	Screw		M10 X 25
QK	95251138	Setscrew		3/8" UNC X 1.25"
QN	95214938	Setscrew		5/16" UNC X 1"
QR	95215000	Setscrew		5/8" X 1.75"
QX	92304393	Setscrew		M10 X 20
QZ	92304401	Setscrew		M10 X 25
RC	92304427	Setscrew		M10 X 50
RE	92304435	Setscrew		M12 X 25
RF	90103185	Setscrew		M12 X 30
RH	92280973	Setscrew		M12 X 35
RT	92280940	Setscrew		M16 X 40
RW	39136346	Setscrew		M20 X 35
RX	92341239	Setscrew		M20 X 40
SH	92341973	Setscrew		M6 X 25
SJ	92339688	Setscrew		M6 X 35
SP	92304369	Setscrew		M8 X 35
UE	92304443	Setscrew		M12 X 40
UO	92896158	Screw		M10 X 30
VP	92061498	Washer		M10
VU	92304625	Washer		M12
VW	92329341	Washer		M12
VZ	92359363	Washer		M16
WB	92340439	Washer		M20
WD	92304583	Washer		M5
WE	39145008	Washer		M6
WG	92341981	Washer		M6
WH	92061480	Washer		M8
WI	92304609	Washer		M8
WL	92272756	Washer		1/4"
YU	92304625	Washer		M12
1CF	96708337	Bolt		

Tube Fitting Index

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
AA	92042936	Adaptor		3/8" BSPP - 6JIC
AAA	92756832	Adaptor		2" BSPT - 32JIC
AAB	54635594	Adaptor		21/2" UNF - 32JIC
AB	35283076	Adaptor		9/16" UNF - 6JIC
AC	92123215	Adaptor		3/4" BSPP - 12JIC
AE	95310116	Adaptor		1 1/8" UNF - 6JIC
AH	92478387	Adaptor		1/4" BSPT - 6JIC
AP	92394295	Adaptor		6 - 4JIC
AQ	92173780	Adaptor		1/4" BSPP - 6JIC
AR	92420058	Adaptor		3/4" UNF - 6JIC
AX	92415363	Adaptor		1/4" - 1/8" BSPT
BA	92087840	Adaptor		1 1/2" BSPP - 24JIC
BB	92895317	Adaptor		2" BSPP - 32JIC
BG	92788918	Bush, Reducing		9/16" UNF - 1/4" BSP
BV	92905207	Adaptor		1 1/2" BSPP - 24JIC
BY	93152593	Adaptor		1 1/4" BSPP - 6JIC
CQ	92344423	Adaptor		1/4" BSPP - 1/4" BSPT
CW	88153721	Adaptor		1/4" BSPP - 4JIC
DAA	92086149	Connector		1/4" NPT - 6JIC
DAB	35279934	Elbow		1/4" NPT - 6JIC
DAI	92419563	Connector		1/2" BSPT - 8JIC-
EE	92118462	Connector		1/8" BSPT - 6JIC
FA	95371241	Connector		2 1/2" UNF - 32JIC
FB	35283472	Connector		1/4" NPTF - 4JIC
FH	92984657	Connector		3/3" BSPT - 8JIC
FI	88100284	Connector		2" BSPP - 32JIC
FK	95978235	Connector		9/16" UNF - 6JIC
FO	92098235	Adaptor, SW Nut		6 JIC
GB	92395508	Elbow		3/4" BSPP - 12JIC
GI	92394261	Elbow		1/4" BSPT - 6JIC
GJ	92080811	Elbow, Orifice		
GK	35279827	Elbow		9/16" UNF - 6JIC
HW	35301225	Elbow		1/8" NPT - 4JIC
IJ	92253889	Elbow		3/4" BSPT
JB	35283084	Tee, SW Nut Run		6JIC
JD	35279850	Tee		9/16" UNF - 6JIC
JO	92971803	Tee		1/4" BSPP - 6JIC
JZ	35283092	Tee, SW Nut Branch		6JIC
KE	92079532	Tee		1/4" BSPP - 6JIC
LH	92902733	Elbow, Push in		1/8" BSPP 6MM
LL	89244008	Elbow, Push in		1/8" NPT 6MM
LQ	35283068	Elbow, SW Nut		6JIC
LS	39137534	Elbow		0.5
MT	92293661	O-Ring		1/4" BSPP
				Continued.....

Tube Fitting Index

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
OH	39483888	Plug		 <i>Continued</i>
OR	92257351	Plug		1/4" BSPP
QH	92971811	Adaptor, Orifice		1/2" BSPT
QP	89252845	Adaptor, Orifice		3.5MM
QQ	89252837	Adaptor, Orifice		3/8" - 6JIC
QS	89298145	Adaptor, Orifice		
QT	92955244	Adaptor, Orifice		1.0MM
QU	92101054	Adaptor, Orifice		1/4" BSPP
QX	54592176	Adaptor, Orifice		
RF	92294461	Valve, Ball		3/4" BSP
SA	39137526	Fitting, Barbed		
TO	92354380	Bush, Reducing		1/2" - 1/4"
TV	92420058	Bush, Reducing		3/4" UNF - 6JIC
TW	54579172	Bush, Reducing		3" BSPP - 2 1/2" SAE
TX	89292411	Bush, Reducing		1" - 1/4" BSPT
TY	89291900	Bush, Reducing		12JIC - 4JIC
UB	92394352	Nut		9/16" UNF - 6JIC
UE	93166593	Nut, Cap		3/8" BSPP 6MM
WL	88114640	Elbow		1/8" BSPT - 2.8MM
WZ	54636733	Elbow		2" BSPT - 32JIC
XA	92255934	Nipple		3/4" BSPT
XI	88125414	Nipple		2" BSPT
XO	54398250	Nipple, Reducer		1 - 1/2" BSPT
YA	35296227	Reducer		8JIC - 6JIC
YC	92178524	Coupling		3/4" BSPT
YQ	92513183	Silencer		3/8" BSPT

WIRING PARTS LIST

CONTROL SYSTEM WIRING DIAGRAMS

IQ WIRING DIAGRAM

WORD INDEX

Symbols

(MHP825
 HP915
 XP1000) 3-57
 (0-100psi) 3-66
 (0-225psi) 3-65
 * Not Illustrated 3-95
 † Option 3-95

CPN

0-100 psi Pressure Transducer 4-2
 0-100psi 3-67
 0-500 psi Pressure Transducer 4-2
 10 Amp Fuse 4-2
 20 Amp Fuse 4-2
 30 Amp Fuse 4-2
 4" 3-82
 5" 3-82
 6" 3-82
 600psi 3-71

A

Actuator
 Hydraulic Surge 3-20
 Adapter
 Barbed 3-58
 Adaptor 3-55, 3-56, 3-59, 3-61, 3-64, 3-65, 3-66, 3-67,
 3-68, 3-69, 3-78, 3-79, 3-80, 3-95, 3-98
 Orifice 3-95, 3-99
 SW Nut 3-98
 Adjuster 3-11
 Aftercooler 3-75, 3-79
 Air Duct 3-43, 3-44
 Air Duct (Aftercooler Option) 3-43
 Air Filter Switch 4-2
 Air Intake System 3-53
 Airend (Bare) 3-36
 Airend Assembly 3-36, 3-37, 3-38, 3-39
 Angle
 Cooler Seal 3-40
 Arrestor
 Spark 3-81
 Assembly
 Fan Support 3-33
 Auxiliary Start Relay 4-2
 Axle Assembly
 Front 3-20, 3-24
 Rear 3-20, 3-24

B

Baffle 3-44
 Internal 3-45
 Baffle (No Aftercooler) 3-44
 Bail
 Lifting 3-41
 Band
 Mounting 3-54, 3-81

Bar
 Bumper 3-27
 Base 3-20, 3-24
 Cable Tie 3-95
 Battery 3-74
 Battery Connection 3-29
 Battery Disconnect Switch 4-3
 Battery Jumper 4-3
 Beam 3-10
 Rear Axle 3-12
 Bearing
 Bronze 3-14, 3-15
 Inner 3-9, 3-11
 Outer 3-9, 3-11
 Bearing Cone
 Inner 3-18, 3-22
 Outer 3-19, 3-23
 Belt
 Drive 3-31
 Blade
 Fan 3-31
 Body 3-15, 3-69, 3-70
 Bolt
 Eye 3-41, 3-44
 U 3-18
 Box
 Air 3-34, 3-35
 Pintle 3-15
 Undertray 3-42
 Bracket
 (HSRG) 3-63
 (SRG) 3-63
 Central Drain . 3-84, 3-85, 3-86, 3-87, 3-88, 3-89,
 3-90, 3-91, 3-92, 3-93
 Clamp 3-35, 3-89, 3-90, 3-91, 3-92, 3-93
 Fuel Filter 3-42
 Hose Support 3-84
 Left Hand 3-27
 Parking Brake
 Left Hand 3-25
 Right Hand 3-25
 Relay 3-42
 Right Hand 3-27
 Brake A
 Left Hand 3-29
 Right Hand 3-29
 Brake Actuating Lever Kit
 Left Hand 3-22
 Right Hand 3-22
 Brake Assembly
 Left Hand 3-18, 3-22
 Right Hand 3-18, 3-22
 Brake B
 Left Hand 3-30
 Right Hand 3-30
 Brake Cylinder Kit
 Left Hand 3-18
 Right Hand 3-18

WORD INDEX

Brake Magnet Kit 3-22
 Brake Shoe & Lining Kit
 Left Hand 3-18
 Right Hand 3-18
 Brake Shoe and Lining Kit 3-22
 Brake Spring Kit 3-19
 Bulb
 Light 3-71, 3-95
 Bush 3-69
 Reducing 3-83, 3-95, 3-98, 3-99
 Bushing
 Reducing 3-84, 3-91
 Button
 Emergency Stop 3-72

C

Cable 3-25, 3-74
 Brake 3-14
 HSRG with Electric Brake 3-26
 Cable - Not Illustrated 3-26
 Cage
 Spindle Nut 3-19, 3-23
 Canister Coolant Conditioner (Engine) 3-94
 Cap
 Fuel Filler 3-55
 Grease Fitting 3-8, 3-10, 3-14
 Radiator 3-57
 Capscrew Socket Head 3-95, 3-96
 Catch (Female) 3-44
 Catch (Male) CE & HA 3-44
 Chalwyn Valve 3-82
 Chassis Harness 4-2
 Circuit Breaker
 120amp 4-2
 Clamp
 Saddle 3-60
 Clip 3-20, 3-23, 3-25
 Hose 3-28, 3-65
 Retaining 3-60, 3-77
 Tube 3-28
 Cock
 Drain 3-56
 Collar 3-62
 Compressor 3-66
 Conditioner
 Coolant 3-32
 Conduit 3-29
 Connector
 Flexible 3-54
 Contact Modules
 Emergency Stop 3-72
 Control Orifice Heater 4-2
 Control Panel Harness 4-3
 Control System Wiring Diagram B-5, B-6, B-7
 Cooler
 Charge 3-57
 Oil 3-57
 Cooling System 3-57, 3-58

Cotter 3-26
 Coupling
 Assembly 3-39
 Element 3-39
 Cover
 Access 3-87
 HSRG 3-73
 Hub 3-9, 3-11
 SRG 3-73
 Cover (CE Machines) 3-41
 Cover (SRG) 3-44
 Crank 3-19, 3-23
 Cross 3-64, 3-66

D

Decal 3-72
 Decal For LP / HP Regulator 3-83
 Diaphragm
 Unloader Valve 3-69
 Diode 4-2
 Door 3-43
 Lift Bail 3-42
 Door Assembly 3-43
 Drawbar 3-8, 3-17, 3-21
 Drawbar Assembly 3-8
 Drop Tube 3-67
 Drop-Tube
 (HSRG) 3-55
 (SRG) 3-55
 Drum
 Rear Brake 3-11
 Duct 3-43

E

Elbow
 Orifice 3-68, 3-98
 Push in 3-98
 SW Nut 3-98
 Element 3-59, 3-75
 Air Filter (Main) 3-53
 Air Filter (Safety) 3-53
 Separator 3-94
 Element with Gaskets 3-60
 Enclosure 3-40, 3-41, 3-42, 3-43, 3-44
 Engine Assembly – Cummins QSL 9 3-31, 3-32
 Engine Cummins 300hp 3-31
 Engine Exhaust System 3-54
 Engine Oil Press Sender 4-2
 Equalizer 3-17, 3-21
 Equalizer Bracket 3-26
 Expander 3-12
 Eye
 Lunette 3-24
 Pintle 3-8

F

Fan 3-31

WORD INDEX

Fan Drive, Cummins 3-33
 Fastener - 1/4 Turn 3-72
 Fasteners Index 3-96, 3-97
 Ferrule 3-62
 Filter 3-75
 Air 3-53
 Air (Primary) 3-94
 Air (Safety) 3-94
 Fuel 3-55
 Fuel (Main) 3-31
 Fuel (Pre) 3-32
 Fuel (Primary) 3-94
 Fuel (Secondary) 3-94
 Oil 3-31
 Oil (Airend) 3-94
 Oil (Engine) 3-94
 Filter Assembly 3-59
 Fitting
 Barbed 3-99
 Bulkhead 3-34, 3-35, 3-84, 3-85, 3-86, 3-87, 3-88,
 3-89, 3-90, 3-91, 3-92, 3-93
 Engine Oil Pan Drain 3-84, 3-91
 Grease 3-8, 3-10, 3-14
 Flange
 Engine 3-58
 Foam . 3-45, 3-46, 3-47, 3-48, 3-49, 3-50, 3-51, 3-52
 Frame 3-41
 Front Axle Assembly 3-9
 Front Hub Assembly 3-9
 Fuel System 3-55, 3-56
 Fuel Tank Assembly 3-55
 Fuse 3-95

G

Gage
 150 psi Pressure 4-2
 200 psi Pressure 4-2
 Fuel Level 4-2
 Temperature (Air Discharge) 4-2
 Temperature (Eng. Coolant) 4-2
 Gauge
 Fuel 3-71
 Oil Level 3-60, 3-62
 Pressure 3-71, 3-77
 Temperature (Discharge) 3-71
 Voltmeter 3-71
 Water Temperature 3-71
 Gear Case 3-38
 Gear-Set (Refer to Table) 3-38
 Glossary of Non-Illustrated Items 3-95
 Grease Cap 3-19, 3-23
 Grease Cap Plug 3-19, 3-23
 Ground Point Connection 3-29
 Guard
 Bottom 3-38
 Top 3-38

H

Hand Hold 3-42
 Handle 3-24
 Parking Brake 3-14
 Valve 3-75, 3-79
 Handrail 3-40
 Hanger
 Center 3-17, 3-21
 Front 3-17, 3-21
 Rear 3-17, 3-21
 Harness 3-29, 3-77, 3-95
 Option 3-83
 Heater 3-64, 3-65, 3-83
 Heater Harness 3-83
 High Speed Running Gear . . 3-17, 3-18, 3-19, 3-20,
 3-21, 3-22, 3-23, 3-24, 3-25, 3-26, 3-27, 3-28, 3-29,
 3-30
 Hinge 3-42, 3-43, 3-72, 3-73
 Bracket
 HSRG 3-73
 Holder 3-12
 Manual 3-95
 Hook
 Safety 3-16
 Horton Fan Drive 3-32
 Hose (12 inches) 3-34, 3-35, 3-84, 3-91
 Hourmeter 3-71, 4-2
 Housing 3-36, 3-37, 3-69, 3-70
 HP
 XP
 MHP
 Kit - 2000 Hours 3-94
 HSRG with Hydraulic Brake. 3-26
 Hub 3-33, 3-39
 Hub Assembly 3-19, 3-22
 Hydraulic Parking Brake Cable does not 3-26

I

Indicator 3-62, 3-77
 Air Restriction 3-53
 Instrumentation/Electrical System . . 3-71, 3-72, 3-73,
 3-74
 Intake Duct 3-45
 IQ Filter Switch 4-2
 IQ Wiring Diagram B-9

J

Jack
 Extended Leg Assembly 3-19, 3-23

K

Key 3-37, 3-38
 Kit - 0-50 Hours 3-94
 Kit - 1000 Hours 3-94
 Kit - 500 Hours 3-94
 Kit - Fixing 3-75
 Kit - Internal Manuals 3-95

WORD INDEX

L

Latch 3-15, 3-72
 HSRG 3-73
 SRG 3-73
 Left
 Front Axle Stub 3-9
 Lever 3-16
 Light 3-27, 3-71
 Left Hand 3-27
 License Plate 3-30
 Rear
 Left Hand 3-30
 Right Hand 3-30
 Right Hand 3-27
 Side
 Left Hand
 Front 3-29
 Rear
 Left Hand 3-30
 Right Hand
 Front 3-29
 Rear 3-30
 Light Module 3-71
 Link 3-18, 3-22
 Lock 3-44
 Lock Washer 3-56
 Locknut
 Nylon 3-95
 Lockwasher 3-95, 3-96

M

Mag Speed Sensor 4-2
 Manifold 3-77
 Manual
 Operation and Maintenance 3-95
 Operation and Maintenance with Parts Catalogue
 3-95
 Parts Catalogue 3-95
 Mount 3-31, 3-37, 3-54, 3-81

N

Negative Battery Cable 4-3
 Nipple
 Reducer 3-99
 Nut
 Adaptor 3-16
 Cap 3-99
 Gland 3-62
 Wheel 3-9, 3-11

O

Offset 3-82
 Oil/Air Piping 3-59, 3-60, 3-61, 3-62, 3-63
 Option-IQ 3-77, 3-78
 Option-Overspeed Valve 3-82
 Orifice 3-36, 3-66, 3-68, 3-78, 3-80

P

Pan
 Belly 3-34, 3-35
 Panel
 (HSRG) 3-42, 3-44
 (SRG) 3-42, 3-44
 Baffle Fan
 Orifice 3-41
 Cover
 Left Hand 3-42
 Right Hand 3-40
 Instrument Box 3-43
 Left 3-44
 Left Hand 3-40
 Orifice 3-40
 Right 3-43
 Right Hand 3-40
 Orifice 3-40
 Panel (HSRG) 3-43
 Panel (SRG) 3-43
 Parts Not Illustrated 3-83
 Pickup
 Mag Speed 3-32
 Pin 3-8, 3-16, 3-20, 3-23, 3-26, 3-39
 Ball 3-10
 Cotter 3-9, 3-11, 3-16
 King 3-9
 Large 3-15
 Locating 3-36, 3-38
 Small 3-15
 Pin and Chain Assembly 3-20, 3-24
 Pintle Box Assembly 3-14
 Pintle Eye 3-20
 Pipe 3-53, 3-54, 3-59, 3-81
 Piston 3-69, 3-70
 Plate 3-8, 3-18, 3-22
 Rotation Stop 3-8
 Valve 3-75, 3-79
 Positive Battery Cable 4-3
 Positive Jumper Cable 4-3
 Pressure Regulator 3-83
 Pulley 3-32

R

Radiator 3-57
 Radiator & Cooler Assembly 3-57
 Raincap 3-54, 3-81
 Ratchet
 Brake 3-14
 Rear Axle Assembly 3-11, 3-16
 Receptacle
 Fastener 3-72
 Recommended Parts 3-94
 Reducer 3-56, 3-82, 3-89, 3-92, 3-95, 3-99
 Tube 3-85, 3-86
 Regulation System 3-64, 3-65, 3-66, 3-67, 3-68, 3-69,
 3-70

WORD INDEX

Regulator (MHP825
HP915
XP1000) 3-64
Regulator Heater 4-2
Relay
24VDC SPDT 4-2
require items 13
14 and 15 3-26
Resistor
150 ohm 4-2
Retainer 3-33, 3-36, 3-72
Right
Front Axle Stub 3-9
Ring
Retaining 3-33, 3-39
Rod 3-16
Track 3-10
Rotor Set 3-37

S

S/N 336845 - 339151 3-71
S/N 339152 -> 3-71
Screen
Security 3-95
Screw
Drive to Engine 3-31
Fan to Drive 3-31
Self Tapping 3-95
ScrewTemperature Gauge 3-32
Seal
Grease 3-18, 3-22
Shaft 3-38
Sight Glass 3-62
Sender
Fuel (High Speed) 4-2
Fuel (Wagon) 4-2
Sender Unit
Fuel Gauge
(HSRG) 3-56
(SRG) 3-56
Sending Unit
Compressor Discharge 3-61
Engine Coolant Temp. Gage 3-32
Engine Oil Pressure Gauge 3-32
Sensor
Coolant Level 3-58
Temperature 3-61, 3-66
Separator
Water 3-75, 3-79
Setscrew 3-95, 3-96, 3-97
Shackle
Front 3-12
Rear 3-13
Shaft
Tow Bar 3-8
Shim Set 3-36
Shoe
Brake 3-11

Sight-Glass 3-62
Silencer 3-54, 3-56, 3-95, 3-99
Sleeve 3-57
Spindle Nut 3-19, 3-23
Spindle Washer 3-19, 3-23
Spring
Gas 3-44
Leaf 3-13
Spring Base
Lower 3-13
Upper 3-13
Start / Run Solenoid Valve 4-2
Startup Compressor 4-2
Steerable Running Gear . 3-8, 3-9, 3-10, 3-11, 3-12,
3-13, 3-14, 3-15, 3-16
Stem
Valve 3-10, 3-13
Stop
Bumper 3-17, 3-21
Stud 3-74
Wheel 3-9, 3-11
Subframe 3-17, 3-21
Support 3-24, 3-33, 3-53, 3-72
Bracket 3-45
Switch 3-74, 3-83
Breakaway 3-29
E-stop 4-2
Ether 4-2
Heater 3-72, 4-2
Hi / Lo 4-2
Light 3-72, 4-2
Load 4-2
Oil Pressure 3-60
Push after Warm Up 3-72
Start 3-71, 4-2
Water Level 4-2

T

Tachometer 4-2
Tachometer Alternator 3-71
Tank
Fuel
(HSRG) 3-55
(SRG) 3-55
Separator 3-59
Tee
SW Nut Branch 3-98
SW Nut Run 3-98
Temperature Gauge 3-61
Temperature Sender 4-2
Terminator
CAN 4-2
Thermistor Temperature Sensor 4-2
Tie
Cable 3-95
To Engine Oil Drain 3-34, 3-35
Track Rod Assembly 3-10

WORD INDEX

Transducer
 Pressure3-65, 3-66, 3-67
Tube 3-20, 3-23, 3-24, 3-28, 3-54, 3-58, 3-81
Tube (HSRG) 3-60
Tube (STRG) 3-60
Tube (Nylon) 3-55, 3-77
Tube Assembly . . 3-37, 3-39, 3-59, 3-60, 3-75, 3-77,
3-79, 3-80, 3-85, 3-86, 3-89
Tube Fitting Index 3-98, 3-99
Tyre3-10, 3-13, 3-19, 3-23

U

Undertray
 Front
 (HSRG) 3-42
Undertray (Front) 3-40
Undertray (Right) 3-40
Union3-85, 3-86, 3-89

V

Valve 3-53, 3-63, 3-69, 3-75, 3-79
 Ball 3-34, 3-35, 3-60, 3-65, 3-84, 3-85, 3-86, 3-87,
 3-88, 3-89, 3-90, 3-91, 3-92, 3-93, 3-95, 3-99
 Blowdown3-67, 3-77, 3-80
 Check 3-66, 3-68, 3-75, 3-80
 Drain 3-34, 3-35
 Minimum Pressure 3-70
 Safety 3-60
 Solenoid3-64, 3-67, 3-83
 Thermostatic 3-59
 Unloader 3-69
Valve Assembly 3-69
Voltmeter 4-2

W

Washer 3-8, 3-10, 3-12, 3-13, 3-14, 3-15, 3-16, 3-17,
3-20, 3-21, 3-26, 3-31, 3-32, 3-33, 3-37, 3-42, 3-59,
3-65, 3-69, 3-72, 3-74, 3-75, 3-79, 3-95, 3-97
 Hub 3-9, 3-11
 Nylon3-41, 3-44, 3-95
 Snubber3-17, 3-21, 3-31
 Spring 3-95, 3-96
Wedge 3-12
Wedge Controller 3-72, 4-3
Wheel3-10, 3-13, 3-19, 3-23
Wheel & Hub Assembly 3-18, 3-22
Wheel Nut 3-19, 3-23
Wheel Nut Clamp 3-19, 3-23
Wheel Stud 3-19, 3-22
Wiring Parts Lists 4-2, 4-3

Y

Yoke 3-14, 3-16
Y-Strainer 3-80

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
-	3-22	22103287	3-43	22138721	3-59	22215545	3-24
--	3-18	22104756	3-44	22139752	3-59	.....	3-25
.....	3-29	22105134	3-72	22141196	3-59	22215552	3-24
.....	3-30	22105571	3-71	22146989	3-46	.....	3-25
.....	3-38	22105613	3-71	22147029	3-46	22222459	3-18
.....	3-55	22105621	3-71	22147045	3-45	.....	3-22
.....	3-58	22105639	3-71	.....	3-49	22222475	3-18
.....	3-72	22105746	3-41	.....	3-52	.....	3-22
-----	4-2	22108690	4-3	22147219	3-46	22222483	3-19
14097448	3-73	22110852	3-46	.....	3-50	.....	3-23
15900657	3-33	.....	3-50	22147227	3-47	22232185	3-41
15900665	3-33	22110860	3-46	.....	3-50	22246714	3-66
15902612	3-33	.....	3-50	22147425	3-50	22246722	3-59
22050553	3-71	22110878	3-46	22148357	3-47	22256515	3-10
22050991	3-71	.....	3-50	.....	3-50	.....	3-13
.....	4-2	22110886	3-46	22148365	3-47	22258545	3-53
22053409	3-41	.....	3-50	.....	3-50	22265748	3-49
22053896	3-72	22111439	3-46	22148894	3-49	.....	3-52
.....	4-2	.....	3-50	.....	3-52	22265839	3-47
22054050	3-72	22111447	3-46	22149119	3-47	.....	3-51
.....	4-2	.....	3-50	22149199	3-50	22265847	3-47
22054068	4-2	22111454	3-46	22149207	3-47	.....	3-51
22054076	3-72	.....	3-50	.....	3-51	22265854	3-47
.....	4-2	22113047	3-32	22149355	3-47	.....	3-51
22054084	3-83	22113880	3-71	.....	3-51	22267322	3-40
.....	4-2	22119218	3-61	22150353	3-41	22267330	3-49
22054142	3-72	22122956	3-44	22155451	3-56	.....	3-52
22054159	3-72	22122972	3-43	.....	4-2	22277057	3-71
22055800	3-72	22122998	3-44	22155469	3-55	.....	4-2
22055883	3-71	22123095	3-40	22162549	4-2	22279566	3-55
.....	4-2	22123236	3-42	22162572	3-77	22280549	3-42
22056188	3-49	22123285	3-42	22163919	3-17	22285795	3-80
.....	3-52	22123301	3-40	.....	3-21	22300339	3-51
22056212	3-46	22123335	3-44	22173579	3-72	22300552	3-51
.....	3-50	22123368	3-43	.....	4-3	22300669	3-51
22071591	4-2	22123384	3-43	22177737	3-31	22306633	3-29
22075592	3-37	22123418	3-40	.....	3-94	22306674	3-49
22079628	3-58	22123491	3-60	22180491	3-44	.....	3-52
22079636	3-58	22124218	3-46	22180509	3-44	22306690	3-49
22079644	3-58	.....	3-50	22180897	3-40	.....	3-52
22079651	3-41	22124291	3-63	22181069	3-40	22318257	3-43
22079750	3-42	22126197	3-57	22181077	3-42	22319685	3-19
22080857	3-58	22126460	3-58	22182984	3-63	.....	3-23
22081988	3-40	22126726	3-31	22183990	3-55	22320725	3-19
22082192	3-54	22127385	4-2	22184675	3-17	.....	3-23
22092670	3-31	22127492	3-40	.....	3-21	22320865	3-20
22092795	3-55	22130801	3-59	22184899	3-44	.....	3-24
22093942	3-53	22132898	3-34	22184907	3-43	22320873	3-20
22094759	3-56	.....	3-35	22185037	3-43	.....	3-24
.....	4-2	.....	3-40	22189492	3-27	22321368	3-54
22097448	3-42	22133425	3-40	22189500	3-27	22321475	3-54
22099469	3-73	22134118	3-71	22207997	3-27	.....	3-81
22099477	3-73	22134167	3-54	22208938	3-43	22327266	3-71
22099584	3-73	22134175	3-54	22213011	3-32	.....	4-2
22101059	3-73	22137939	3-59	.....	3-33	22329916	3-82
22101067	3-73	22138259	3-59	22215057	3-26		

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
22330039	3-19	22391916	3-15	22392344	3-12	22578025	3-80
.....	3-23	22391924	3-15	22392351	3-13	22599591	3-60
22331326	3-19	22391932	3-15	22392369	3-13	22599740	3-60
.....	3-22	22391940	3-15	22392377	3-10	22614416	4-2
22331763	3-19	22391957	3-15	22392385	3-10	22637904	3-32
.....	3-23	22391965	3-15	22392393	3-10	.....	3-94
22332449	3-19	22391973	3-14	22392401	3-10	22648463	3-31
.....	3-22	22391981	3-14	22392419	3-10	22667976	3-43
22332605	3-59	22391999	3-14	22392427	3-10	22668362	3-43
22333512	3-82	22392005	3-14	22392435	3-12	22669964	3-49
22333520	3-82	22392013	3-14	22392443	3-16	.....	3-52
22333538	3-82	22392021	3-14	22392450	3-16	22669972	3-49
22334635	3-81	.....	3-16	22392468	3-16	.....	3-52
22334650	3-81	22392039	3-14	22392476	3-16	22669980	3-44
22339683	3-83	.....	3-16	22392484	3-16	22671424	3-49
22341796	3-43	22392047	3-15	22392492	3-16	.....	3-52
22343545	3-10	22392054	3-15	22392500	3-16	22671432	3-49
.....	3-13	22392062	3-15	22392518	3-16	.....	3-52
22345748	3-32	.....	3-16	22392526	3-16	22674212	3-42
.....	3-94	22392070	3-13	22392534	3-16	22678031	3-31
22348064	3-53	22392088	3-13	22392542	3-16	22697262	3-58
22349914	3-26	22392096	3-13	22392559	3-16	22697270	3-58
22365787	3-42	22392104	3-13	22392567	3-16	22701767	3-35
22372528	3-60	22392112	3-12	22392575	3-11	.....	3-89
22377717	3-40	22392120	3-9	22392583	3-12	.....	3-90
22377725	3-40	22392138	3-9	22392591	3-12	.....	3-91
22391718	3-14	.....	3-11	22392609	3-12	.....	3-92
22391726	3-9	22392146	3-9	22392617	3-11	.....	3-93
22391734	3-10	.....	3-11	22392625	3-11	22707061	3-89
22391742	3-11	22392153	3-9	22392633	3-11	22707251	3-35
.....	3-16	.....	3-11	22392641	3-12	.....	3-89
22391759	3-8	22392161	3-9	22392658	3-12	.....	3-90
22391767	3-8	.....	3-11	22392666	3-12	.....	3-91
.....	3-10	22392179	3-9	22392674	3-12	.....	3-92
.....	3-14	.....	3-11	22392682	3-12	.....	3-93
22391783	3-8	22392187	3-9	22399349	4-2	22740385	3-44
.....	3-15	22392195	3-9	22407753	3-8	22740450	3-49
22391791	3-8	22392203	3-9	22407761	3-8	.....	3-52
.....	3-14	.....	3-11	22407779	3-8	22740476	3-49
22391809	3-8	22392211	3-9	22407787	3-8	.....	3-52
22391817	3-8	.....	3-11	22410187	3-68	22740484	3-49
22391825	3-8	22392229	3-9	.....	3-83	.....	3-52
22391833	3-8	.....	3-11	22416028	3-59	22740492	3-49
.....	3-16	22392237	3-9	22432850	3-44	.....	3-52
22391841	3-8	.....	3-11	22441927	3-34	22752133	3-47
22391858	3-8	22392245	3-10	.....	3-35	.....	3-51
.....	3-10	22392252	3-9	.....	3-42	22764575	3-57
.....	3-14	22392260	3-10	22441935	3-49	22764583	3-57
22391866	3-8	.....	3-16	.....	3-52	22764609	3-57
22391874	3-8	22392278	3-9	22464275	3-43	22765325	3-31
22391882	3-8	22392286	3-9	22464283	3-43	.....	3-94
.....	3-14	22392294	3-10	22476063	3-83	22769186	3-58
.....	3-15	22392302	3-13	22502660	3-57	22782908	3-57
22391890	3-8	22392310	3-12	22502678	3-57	22782916	3-57
.....	3-15	22392328	3-13	22506869	4-2	22782924	3-57
22391908	3-14	22392336	3-13	22567630	3-77		

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
22828990	3-84	35272558	3-20	35284082	3-64	35306091	3-65
.....	3-85	.....	3-24	.....	3-67	35306125	3-89
.....	3-86	.....	3-42	.....	3-78	.....	3-92
.....	3-87	35272588	3-41	.....	3-80	35306679	3-56
.....	3-88	35272996	3-17	35284504	3-66	35307131	3-54
22830269	3-86	.....	3-21	.....	3-83	.....	3-81
22832729	3-84	35273366	3-72	35286442	3-56	35311471	3-77
22833172	3-85	35273416	3-96	35287747	3-34	.....	3-83
22833354	3-34	35273937	3-37	.....	3-35	35313568	3-38
22833560	3-87	35279025	3-25	.....	3-84	35314582	3-72
22857643	3-43	.....	3-32	.....	3-85	35315217	3-19
22857940	3-47	.....	3-34	.....	3-86	.....	3-23
.....	3-51	.....	3-35	.....	3-87	35315944	3-29
22871750	3-43	.....	3-53	.....	3-88	35316348	3-55
.....	3-45	.....	3-54	.....	3-89	35316876	3-18
22872782	3-45	.....	3-61	.....	3-90	.....	3-22
22872808	3-45	.....	3-81	.....	3-91	35316884	3-18
22885776	3-45	.....	3-87	.....	3-92	.....	3-22
22889430	3-45	35279827	3-65	.....	3-93	35318161	3-70
.....	3-49	.....	3-66	35287895	3-85	35322346	3-66
.....	3-52	.....	3-67	.....	3-86	.....	3-68
22889513	3-45	.....	3-98	.....	3-89	35322379	3-67
.....	3-49	35279843	3-67	35287911	3-56	.....	3-77
.....	3-52	35279850	3-98	.....	3-89	.....	3-80
24906919	3-81	35279926	3-66	.....	3-92	35322395	3-56
30641278	3-56	.....	3-68	35288042	3-83	35323682	3-90
32580510	3-56	35279934	3-78	35288422	3-24	35323724	3-66
35072222	3-69	.....	3-80	.....	3-25	.....	3-67
35111731	3-42	.....	3-83	35289503	3-34	.....	3-77
.....	3-58	.....	3-98	.....	3-84	35323807	3-35
35114081	3-34	35279942	3-61	.....	3-91	.....	3-88
.....	3-35	.....	3-70	35290147	3-64	35323880	3-93
35119718	3-65	35281336	3-53	.....	3-65	35323922	3-87
35119858	3-53	35282946	3-64	.....	3-83	35324839	3-65
35123496	3-53	35282961	3-66	35294487	3-66	35324987	3-78
.....	3-82	.....	3-67	35294677	3-87	35326578	3-34
35127653	3-42	35282987	3-77	35294727	3-93	.....	3-35
35130707	3-42	35283001	3-64	35294750	3-90	.....	3-84
35144336	3-97	.....	3-80	35295336	3-36	.....	3-91
35148204	3-10	35283019	3-65	35295880	3-87	35326958	3-17
.....	3-13	35283050	3-66	35296227	3-99	.....	3-21
35161025	3-82	.....	3-68	35296409	3-61	35326966	3-17
35192178	3-60	35283068	3-64	35297340	3-17	.....	3-21
35209048	3-42	.....	3-68	.....	3-21	35327204	3-69
35221639	3-77	.....	3-98	35299361	3-36	35327840	3-24
35222017	3-58	35283076	3-98	35301225	3-98	35328210	3-69
35222538	3-77	35283084	3-98	35301506	3-34	35328228	3-69
35248145	3-66	35283092	3-65	.....	3-35	35328236	3-69
35248319	3-80	.....	3-98	.....	3-84	35328244	3-69
35255819	3-39	35283241	3-65	.....	3-91	35328251	3-69
35258789	3-74	.....	3-66	35302314	3-68	35328269	3-69
.....	4-3	35283308	3-56	35304047	3-17	35330570	3-58
35262963	3-39	35283464	3-66	.....	3-21	35331578	3-69
35271170	3-53	35283472	3-98	.....	3-32	35331586	3-69
35272541	3-96	35283480	3-77	35305481	3-85	35332683	3-69
		35283506	3-56	.....	3-86	35332691	3-69

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
35335715	3-77	35385293	3-19	36792083	4-2	36870103	3-20
35336419	3-28	.....	3-23	36795680	3-63	.....	3-23
35356302	3-28	35536304	3-97	36798346	3-38	36870111	3-19
35356310	3-28	35577873	4-2	36798361	3-38	.....	3-23
35356328	3-28	35579630	3-60	36840460	3-64	36870129	3-19
35356336	3-28	.....	3-70	.....	3-68	.....	3-20
35356369	3-28	35591163	3-69	36840767	4-2	.....	3-23
35356484	3-55	35591189	3-69	36840841	3-64	36870145	3-20
35356526	3-20	35592534	3-69	.....	3-67	.....	3-24
.....	3-24	35593508	3-38	.....	3-83	36870590	3-71
35356914	3-19	35602473	3-60	.....	4-2	36870608	3-32
.....	3-23	35602846	3-26	36840908	3-72	.....	4-2
35356922	3-18	35602895	3-25	36841138	3-32	36874436	3-34
.....	3-22	35602903	3-25	.....	3-61	.....	3-35
35356930	3-17	35603349	3-72	.....	4-2	.....	3-84
.....	3-21	35604115	3-71	36841153	3-71	.....	3-91
35357151	3-26	35605187	3-20	36841468	3-71	36877793	3-17
35358274	3-37	35609544	3-20	36841526	3-65	.....	3-21
35358829	3-25	.....	3-24	.....	4-2	.....	3-27
35361310	3-37	35610385	3-18	36844124	3-72	.....	3-58
35361328	3-38	.....	3-21	36844579	3-80	.....	3-63
35361849	3-56	35857036	3-54	36844975	3-74	36878221	3-87
35363662	3-58	.....	3-81	36845014	3-55	36879203	3-17
35364975	3-38	35859396	3-24	36845022	3-55	.....	3-21
35365774	3-85	35859404	3-25	36846400	3-39	.....	3-32
.....	3-86	36005031	3-37	36846418	3-38	36879302	3-17
.....	3-89	36385392	3-18	36846426	3-38	.....	3-21
.....	3-92	36500197	3-31	36846442	3-38	36879492	3-27
35366665	3-34	36507515	3-38	36847838	3-53	36880995	3-24
.....	3-35	36722452	3-69	.....	4-2	.....	3-25
.....	3-84	36722460	3-69	36850691	3-66	.....	3-31
.....	3-91	36734424	3-20	.....	4-2	.....	3-33
35367044	3-30	36742880	3-24	36851459	3-38	.....	3-39
35367051	3-29	36756120	3-59	36851618	3-38	36881290	3-28
35367846	3-64	36757581	3-60	36852499	3-65	36881886	3-40
.....	3-65	36764389	3-61	36852622	3-71	.....	3-53
.....	3-78	36764785	3-39	36854149	3-83	.....	3-54
.....	3-80	36777399	3-34	36854677	3-64	.....	3-81
35369180	3-72	.....	3-35	.....	3-83	36888055	3-56
35369339	3-56	.....	3-84	36854925	3-38	36889608	3-40
35369347	3-55	.....	3-85	36855377	3-22	.....	3-42
35369370	3-78	.....	3-86	36855385	3-22	.....	3-53
35369800	3-18	.....	3-87	36860336	3-59	.....	3-54
.....	3-22	.....	3-88	.....	3-94	.....	3-78
35374453	3-24	.....	3-89	36861540	3-88	.....	3-81
35375385	3-60	.....	3-90	36864677	4-2	36890650	3-59
.....	3-70	.....	3-91	36865962	3-18	36891794	3-22
35376094	3-20	.....	3-92	.....	3-22	36891869	3-61
35376169	4-2	.....	3-93	36867281	3-28	36892362	4-2
35379387	3-19	36782837	3-27	36870053	3-20	36893634	3-29
.....	3-23	36785319	3-32	.....	3-23	.....	3-30
35379395	3-19	.....	4-2	36870087	3-20	36893824	3-59
.....	3-23	36787026	3-54	.....	3-24	36894673	3-28
35385277	3-19	.....	3-81	36870095	3-20	36894699	3-28
.....	3-23	36787034	3-54	.....	3-23	36895225	3-17
		.....	3-81			.....	3-21

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
36895241	3-18	39911292	3-39	54658323	3-74	89288971	3-53
36895258	3-18	39925367	3-37	.....	4-3	.....	3-94
36895779	3-18	42437525	3-36	54658331	3-74	89288989	3-53
36895787	3-18	44008183	3-94	.....	4-3	.....	3-94
36895795	3-19	44008506	3-94	54671557	3-27	89289185	3-67
36895803	3-22	44008514	3-94	.....	3-30	89291900	3-99
36895811	3-22	44008522	3-94	54691557	3-30	89292411	3-78
36895829	3-22	46355602	3-79	54709928	3-59	.....	3-79
36895837	3-22	50763325	3-97	54709944	3-75	.....	3-99
36895860	3-27	54375845	3-47	.....	3-79	89297600	3-41
.....	3-30	54398250	3-99	54719141	3-17	89297618	3-41
36896892	3-64	54400031	3-39	.....	3-21	.....	3-44
36896975	3-74	54400049	3-39	54722152	3-44	89297642	3-63
.....	4-3	54401583	3-79	54739024	3-75	89298145	3-99
36897668	3-53	54422522	3-57	54739057	3-75	89298335	3-67
.....	3-82	54429295	3-31	54739065	3-75	89298855	3-81
36897851	3-18	54443213	3-44	54765946	4-2	89298889	3-81
36897885	3-18	54444427	3-58	54766704	3-71	89299424	3-60
36898096	3-78	54474572	4-2	.....	4-2	89299440	3-82
36898104	3-65	54496773	3-65	54773791	3-83	89299861	3-57
36898922	3-61	54511282	3-74	56797652	3-40	89299945	3-41
.....	3-66	.....	4-3	85507911	3-27	89303127	3-72
.....	4-2	54566781	3-41	88100284	3-98	89303135	3-72
36899599	3-77	54571443	3-42	88114640	3-99	89304067	3-60
.....	4-2	54571765	3-70	88114954	3-74	89304844	3-53
36899615	3-77	54575980	3-75	88120100	3-96	89304851	3-53
.....	4-2	.....	3-79	88125414	3-99	89799840	3-41
36899979	3-61	54576012	3-75	88152392	3-42	.....	3-44
36920825	3-66	.....	3-80	.....	3-73	90103185	3-97
.....	3-67	54576038	3-60	88153721	3-98	90103854	3-96
.....	4-2	54576079	3-75	89209717	3-37	91112201	3-75
37001252	3-28	.....	3-79	89244008	3-98	.....	3-79
37081528	3-80	54578711	3-77	89252837	3-99	92032648	3-70
39136346	3-97	54578869	3-77	89252845	3-99	92041441	3-39
39137526	3-99	.....	3-80	89285161	3-94	92041458	3-39
39137534	3-98	54579172	3-76	89285761	3-60	92041466	3-39
39145008	3-97	.....	3-99	89285829	3-53	92042241	3-41
39155239	3-96	54579404	3-77	89285837	3-53	.....	3-44
39253984	3-37	54591961	3-75	89286041	3-48	92042936	3-65
39253992	3-39	.....	3-79	.....	3-51	.....	3-68
39322706	3-39	54592001	3-75	89286058	3-48	.....	3-98
39326483	3-39	.....	3-79	.....	3-51	92044098	3-70
39326749	3-39	54592167	3-78	89286157	3-48	92061324	3-96
39326756	3-37	54592176	3-99	.....	3-51	92061332	3-96
39326780	3-36	54598784	3-78	89286165	3-48	92061480	3-97
39326798	3-36	54635586	3-75	.....	3-51	92061498	3-97
39326806	3-36	.....	3-80	89286306	3-48	92061944	3-70
39330626	3-36	54635594	3-76	.....	3-51	92079532	3-98
39436977	3-36	.....	3-98	89286785	3-70	92080811	3-68
39437686	3-36	54635602	3-75	89287346	3-55	.....	3-98
39483888	3-99	54635610	3-75	89287684	3-43	92086149	3-98
39487830	3-61	.....	3-79	89287692	3-43	92087840	3-98
39889720	3-37	54636733	3-76	89287957	3-40	92094994	3-62
39890553	3-36	.....	3-80	89288005	3-53	92095363	3-60
39891486	3-36	.....	3-99	89288757	3-44	.....	3-62
39911284	3-37	54640255	3-77	.....		92095371	3-62

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
92095389	3-62	92340439	3-97	92902733	3-78	95928040	3-34
92095397	3-62	92341239	3-97	.....	3-98	.....	3-35
92095405	3-62	92341973	3-97	92905207	3-98	.....	3-84
92095413	3-62	92341981	3-74	92912419	3-43	.....	3-85
92095421	3-62	.....	3-97	92922856	3-44	.....	3-86
92095439	3-62	92344423	3-98	92922863	3-44	.....	3-87
92095447	3-62	92354380	3-99	92955244	3-99	.....	3-88
92096031	3-56	92354661	3-61	92971803	3-98	.....	3-89
.....	3-96	.....	3-76	92971811	3-99	.....	3-90
92098235	3-98	.....	3-80	92972140	3-96	.....	3-91
92101054	3-99	92359363	3-97	92972157	3-97	.....	3-92
92101112	3-97	92359371	3-96	92984657	3-98	.....	3-93
92118462	3-98	92368687	3-96	93152593	3-98	95928255	3-54
92123215	3-98	92391358	3-96	93166593	3-99	.....	3-81
92173780	3-98	92391374	3-96	93186278	3-78	95928321	3-75
92176114	3-97	92391382	3-42	93500726	3-96	.....	3-79
92178524	3-99	92394261	3-98	95022380	3-60	95928867	3-26
92179043	3-97	92394295	3-98	95023388	3-36	95930301	3-66
92182138	3-96	92394352	3-99	95055349	3-96	.....	3-68
92184811	3-97	92395508	3-98	95209367	3-96	95934170	3-24
92253889	3-98	92398106	3-73	95214524	3-69	95934543	3-61
92255934	3-99	.....	3-96	95214938	3-97	95934774	3-78
92257351	3-99	92398114	3-96	95215000	3-97	95934998	3-26
92257401	3-69	92398122	3-97	95220844	3-34	95935003	3-17
92272756	3-56	92398130	3-97	.....	3-35	.....	3-21
.....	3-97	92398627	3-97	.....	3-84	.....	3-32
92274828	3-96	92415363	3-98	.....	3-91	95935011	3-17
92276096	3-54	92419563	3-98	95239927	3-38	.....	3-21
.....	3-81	92419886	3-96	95251138	3-97	95935029	3-65
92280940	3-97	92420058	3-98	95263190	3-69	95935037	3-31
92280965	3-96	.....	3-99	95310116	3-98	.....	3-33
92280973	3-97	92421411	3-96	95333274	3-56	.....	3-72
92293661	3-62	92451962	3-75	95358164	3-38	95935052	3-20
.....	3-98	92452192	3-75	95365078	3-78	95935599	3-78
92294461	3-99	92478387	3-98	.....	3-80	95938197	3-61
92304369	3-97	92484880	3-96	95371241	3-61	95938205	3-37
92304393	3-97	92495597	3-37	.....	3-76	95938213	3-36
92304401	3-97	.....	3-96	.....	3-98	95939741	3-59
92304427	3-97	92513183	3-99	95396867	3-85	95940748	3-66
92304435	3-97	92697333	3-69	.....	3-86	.....	3-67
92304443	3-97	92700590	3-96	.....	3-89	.....	3-79
92304518	3-96	92756832	3-76	95415667	3-65	.....	3-83
92304526	3-96	.....	3-98	.....	3-83	95944575	3-66
92304559	3-41	92776749	3-74	95431292	3-61	.....	3-68
.....	3-44	92788918	3-98	95437181	3-80	.....	3-79
92304575	3-96	92808591	3-82	95437381	3-76		
92304583	3-97	92821677	3-96	95470993	3-96		
92304609	3-97	92864115	3-75	95659280	3-64		
92304625	3-97	.....	3-79	95667341	3-68		
92304666	3-96	92879261	3-96	.....	3-83		
92304674	3-96	92894518	3-37	95757183	3-64		
92304682	3-96	92895317	3-76	95765806	3-69		
92311695	3-96	.....	3-98	95792321	3-96		
92311703	3-96	92896158	3-97	95823688	3-70		
92329341	3-97	92898576	3-60				
92339688	3-97						

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
95947149	3-34						
.....	3-35						
.....	3-63						
.....	3-84						
.....	3-85						
.....	3-86						
.....	3-87						
.....	3-88						
.....	3-89						
.....	3-90						
.....	3-91						
.....	3-92						
.....	3-93						
95949491	3-56						
95953493	3-78						
95953899	3-64						
95953949	3-34						
.....	3-35						
.....	3-84						
.....	3-91						
95954293	3-66						
.....	3-68						
95978235	3-98						
96700919	3-17						
.....	3-21						
96701750	3-20						
96701958	3-55						
96702055	3-75						
.....	3-79						
96702295	3-31						
.....	3-33						
96705983	3-96						
96706254	3-96						
96706262	3-96						
96708337	3-97						
96712179	3-96						
96712187	3-32						
96716105	3-96						
96719869	3-65						
96735543	3-24						
.....	3-25						
96739958	3-32						
98100284	3-76						
N.S.S	3-29						
.....	3-31						

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
----------	------	----------	------	----------	------	----------	------

Section 2 - Electrical Schematics

Wiring Parts Lists

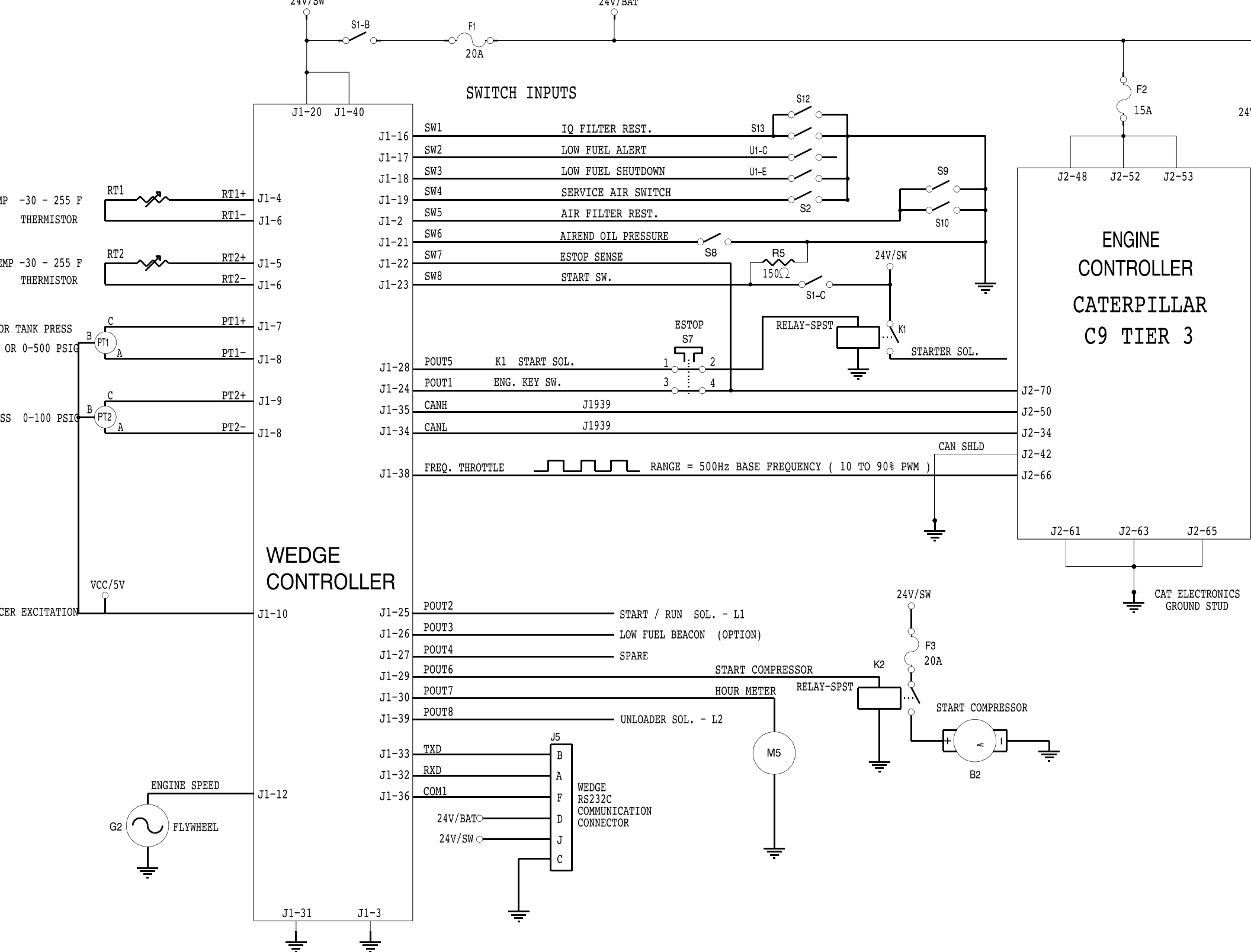
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B2	36850691	Startup Compressor		
D1-D4	35376169	Diode		
F1,F3,F5	36792083	20 Amp Fuse		
F2	22071575	15 Amp Fuse		
F4	22071591	10 Amp Fuse		
CB1	22101968	120 Amp Thermal Circuit Breaker		
G2	36785319	Mag Speed Sensor		
K1	35577873	Auxiliary Start Relay		
K2,K3	36892362	Relay, 24VDC SPDT		
L1	36842300	Start / Run Solenoid Valve (XHP)		
L2	36842318	Unloader Solenoid Valve (XHP)		
L1	36840841	Start / Run Solenoid Valve (VHP)		
L2	36840841	Unloader Solenoid Valve (VHP)		
M1	36840767	Gage, 200 psi Pressure		
	36841468	Gage, 600 psi Pressure		
M2	22692628	Gage, 150 psi Pressure		
M3	22692602	Gage, Fuel Level		
M4	22692610	Gage, Temperature (Eng. Coolant)		
M5	54766704	Hourmeter		
M6	22055883	Tachometer		
M7	22692594	Voltmeter		
M8	22692610	Gage, Temperature (Air Discharge)		
PT1	54765946	0-500 psi Pressure Transducer (XHP)		
PT1	54496973	0-225 psi Pressure Transducer (VHP)		
PT2	36920825	0-100 psi Pressure Transducer		
R1,R2	36864677	Regulator Heater		
R3	36841526	Control Orifice Heater		
RP1	36870608	Engine Oil Press Sender		
RT1,RT2, RT5	36898922	Thermistor Temperature Sensor		
RT3, RT4	36841138	Temperature Sender		Continued.....

Wiring Parts Lists

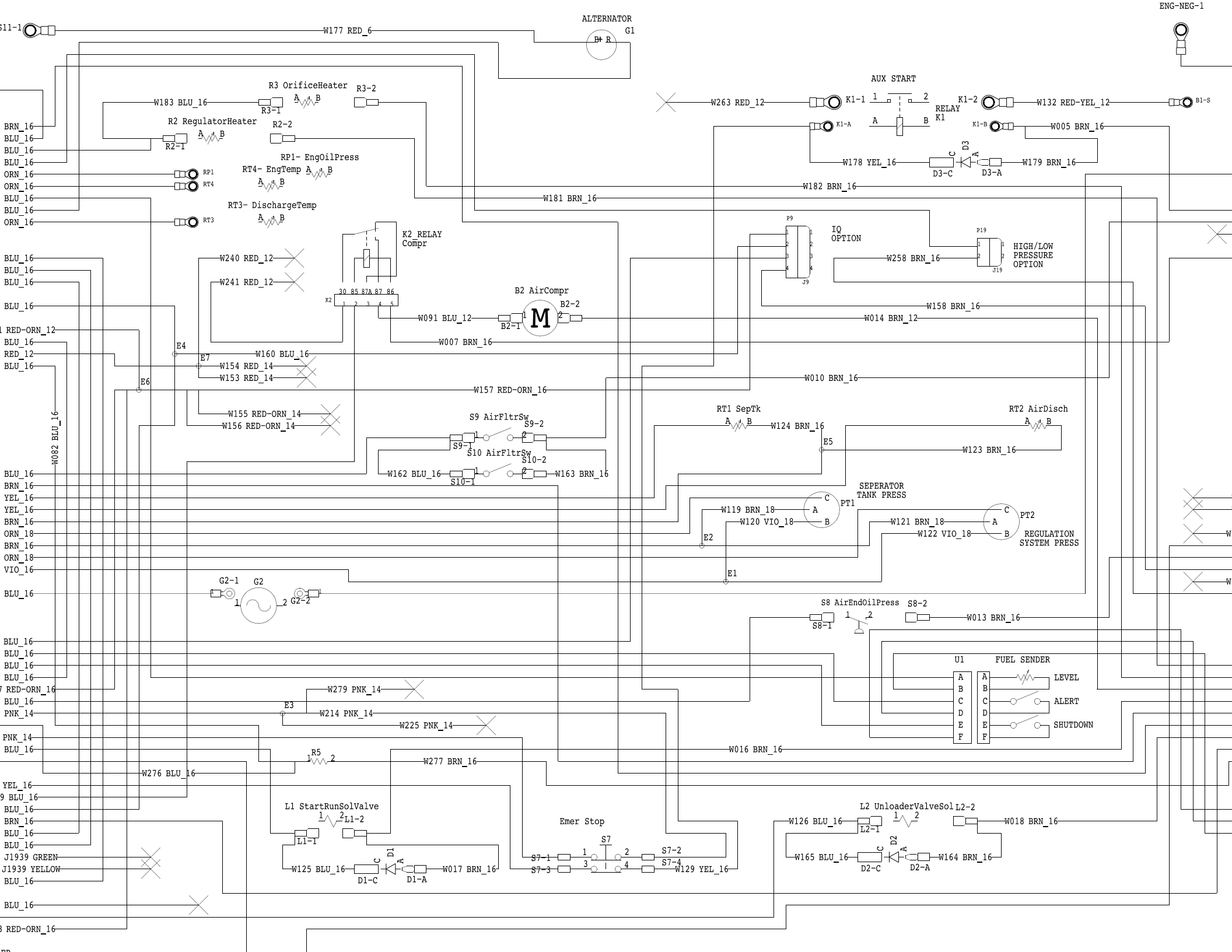
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S1	22134115	Switch, Start		Continued
S2	22054076	Switch, Load		
S3	22053896	Switch, Light		
S5	22054050	Switch, Heater		
S6	22054084	Switch, Hi / Lo		
S8 (W1)	36757581	Switch, Air End Oil Pressure (VHP Only)		
S9, S10	36847838	Air Filter Switch		
S12	36899615	IQ Filter Switch		
S13	36899599	IQ Filter Switch		
S15	22162549	Switch, E-stop		
U1	22094759	Sender, Fuel (Wagon)		
	22155451	Sender, Fuel (High Speed)		
U2	22102339	Switch, Water Level		
	22173579	Wedge Controller		
	22817829	Control Panel Harness		
	36896975	Battery Disconnect Switch		
W1	22801021	Chassis Harness		
	36762201	Negative Battery Cable		
	22465694	Positive Battery Cable		
	54511282	Positive Jumper Cable		
	35258789	Battery Jumper		
	36896975	Battery Disconnect Switch		

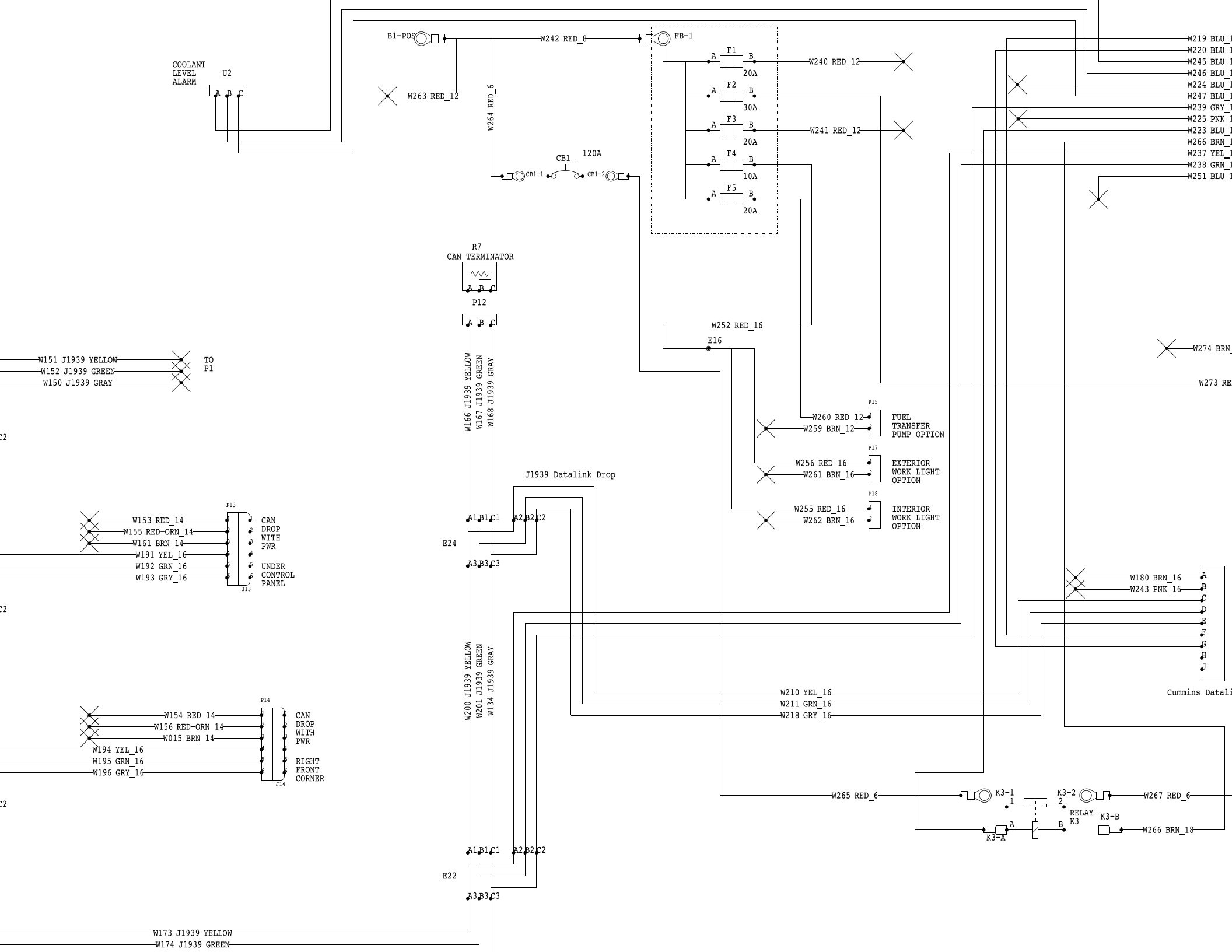
Wiring Parts Lists

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
		IQ OPTION PARTS		
K3	36892362	Relay, IQ		
S12	36899615	Indicator, 25 psi Pressure		
S13	36899599	Indicator, 20 psi Pressure		
RT5	36898922	Sensor, Temperature		
TCU	36920643	IQ Controller		
	54757224	IQ Wiring Harness		
	54775887	IQ Heater Harness		
	36841526	IQ Orifice Heaters		
	36898310	Actuator		
	54757224	IQ Wiring Harness		
	22173579	Wedge Controller		



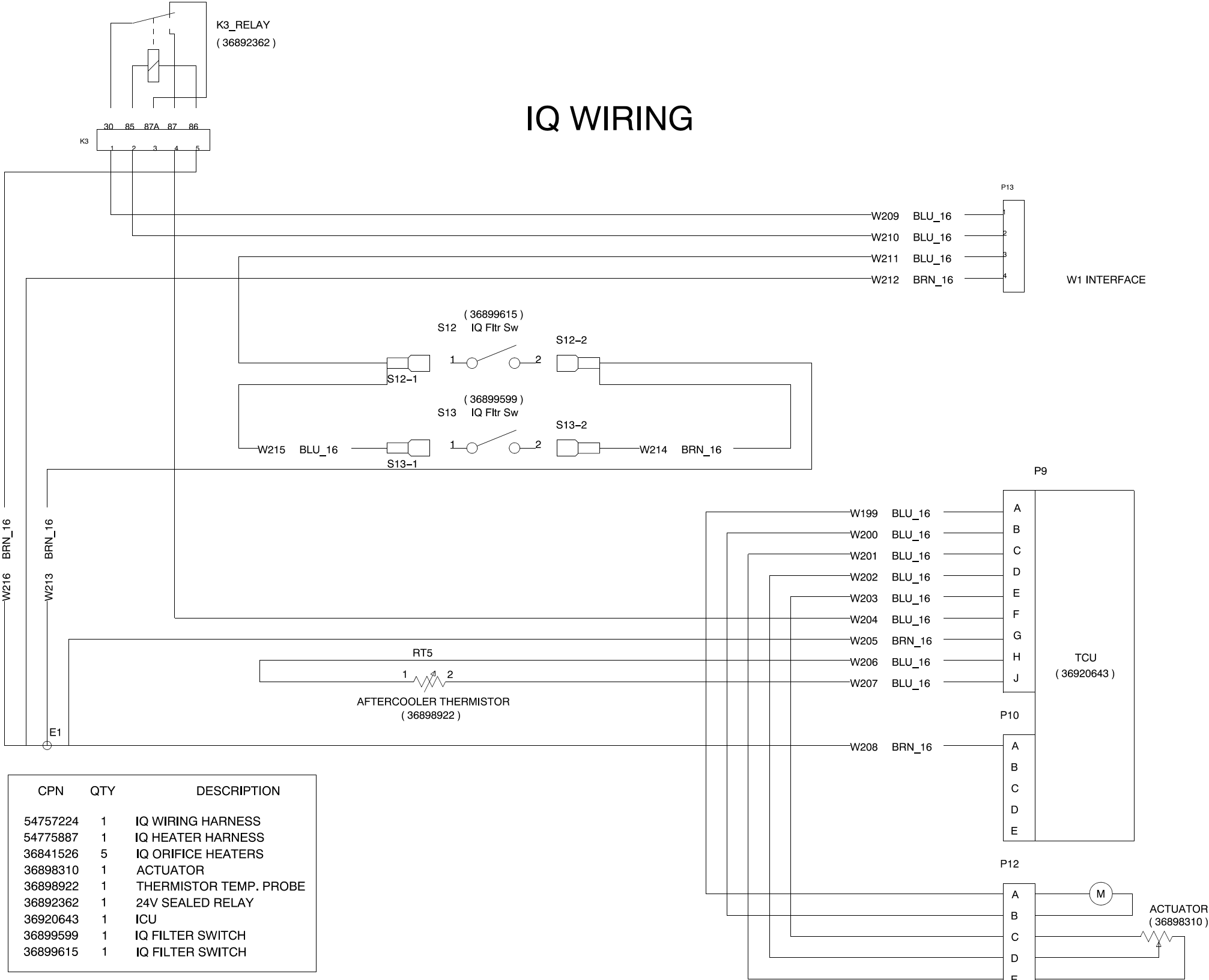






K3_RELAY
(36892362)

IQ WIRING





Doosan Infracore
Portable Power



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