



PARTS MANUAL

COMPRESSOR MODEL

VHP750, XHP750 - W - CAT

Code: E



This manual contains important safety information.

Do not destroy this manual.

This manual must be available to the personnel who operate and maintain this machine.

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Utility Equipment
P.O. Box 868 - 501 Sanford Ave.
Mocksville, N.C. 27028
www.irutilityequipment.com
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Parts Ordering



GENERAL

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

NOTICE

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

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

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

Description

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

In referring to the rear, the front or to either side of the unit, always consider the **drawbar end** of the unit as the **front**. Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

Fasteners

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

How to Order

Always specify the model and serial number of the unit.

Specify the part number and description.

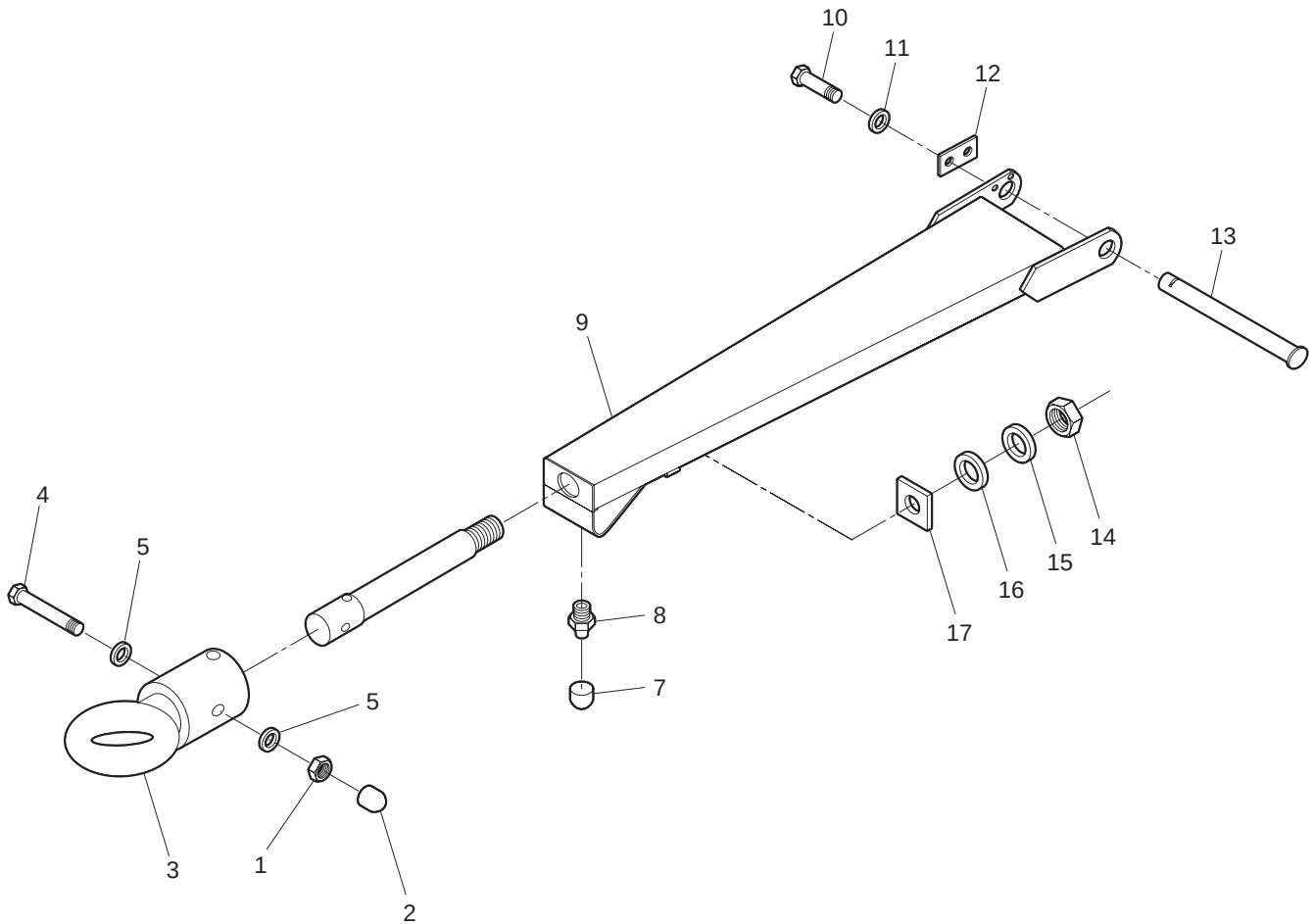
Abbreviations & Symbols

—>####	Up to Serial No.
####—>	From Serial No.
####	Contact Ingersoll-Rand for Serial No.
*	Not illustrated
†	Option
AR	As required
HA	High ambient machine
H.S.R.G.	High speed running gear
S.R.G.	Site running gear

Parts List

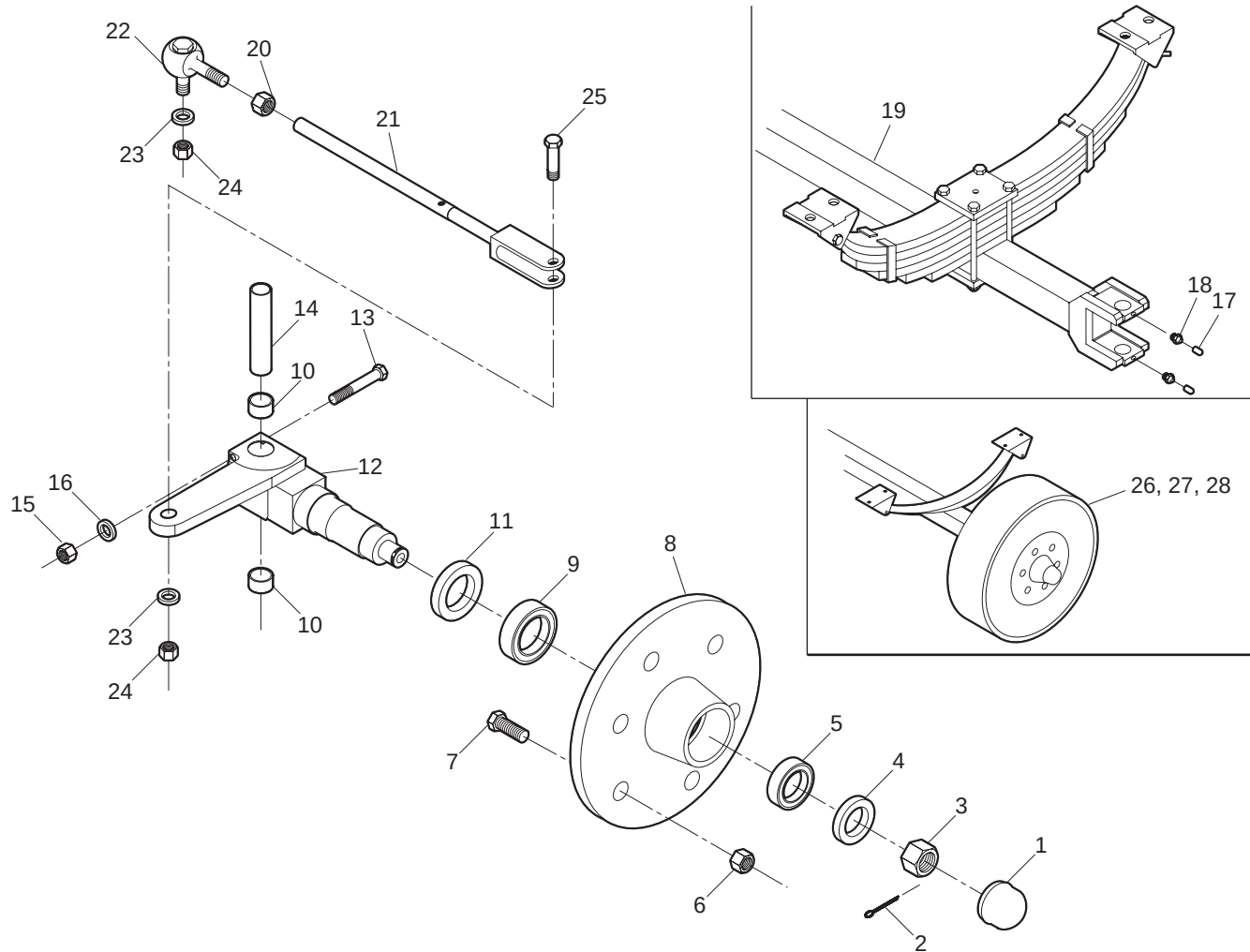


Steerable Running Gear



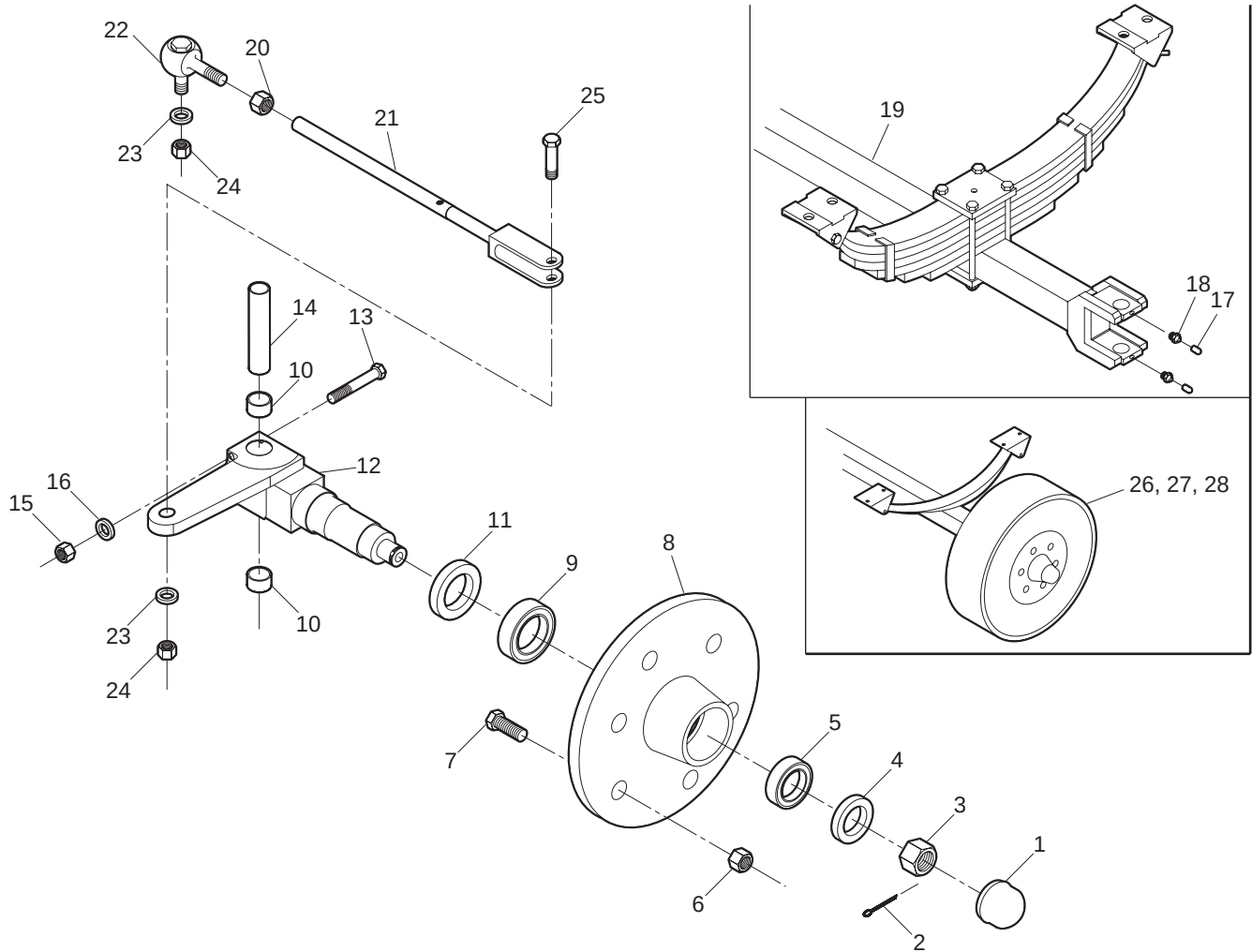
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-17	22407753	Drawbar Assembly	1	
1	22391833	Locknut	2	
2	22391841	Cap	2	
3	22391809	Eye, Pintle	1	
4	22391817	Screw	2	
5	22391825	Washer	4	
6	22407761	Shaft, Tow Bar	1	
7	22391858	Cap, Grease Fitting	2	
8	22391767	Fitting, Grease	2	
9	22391759	Drawbar	1	
10	22391890	Screw	2	
11	22391882	Washer	2	
12	22391874	Plate	1	
13	22391866	Pin	1	
14	22391791	Locknut	1	
15	22391783	Washer	1	
16	22407779	Washer	1	
17	22407787	Plate, Rotation Stop	1	

Steerable Running Gear (Front Axle)



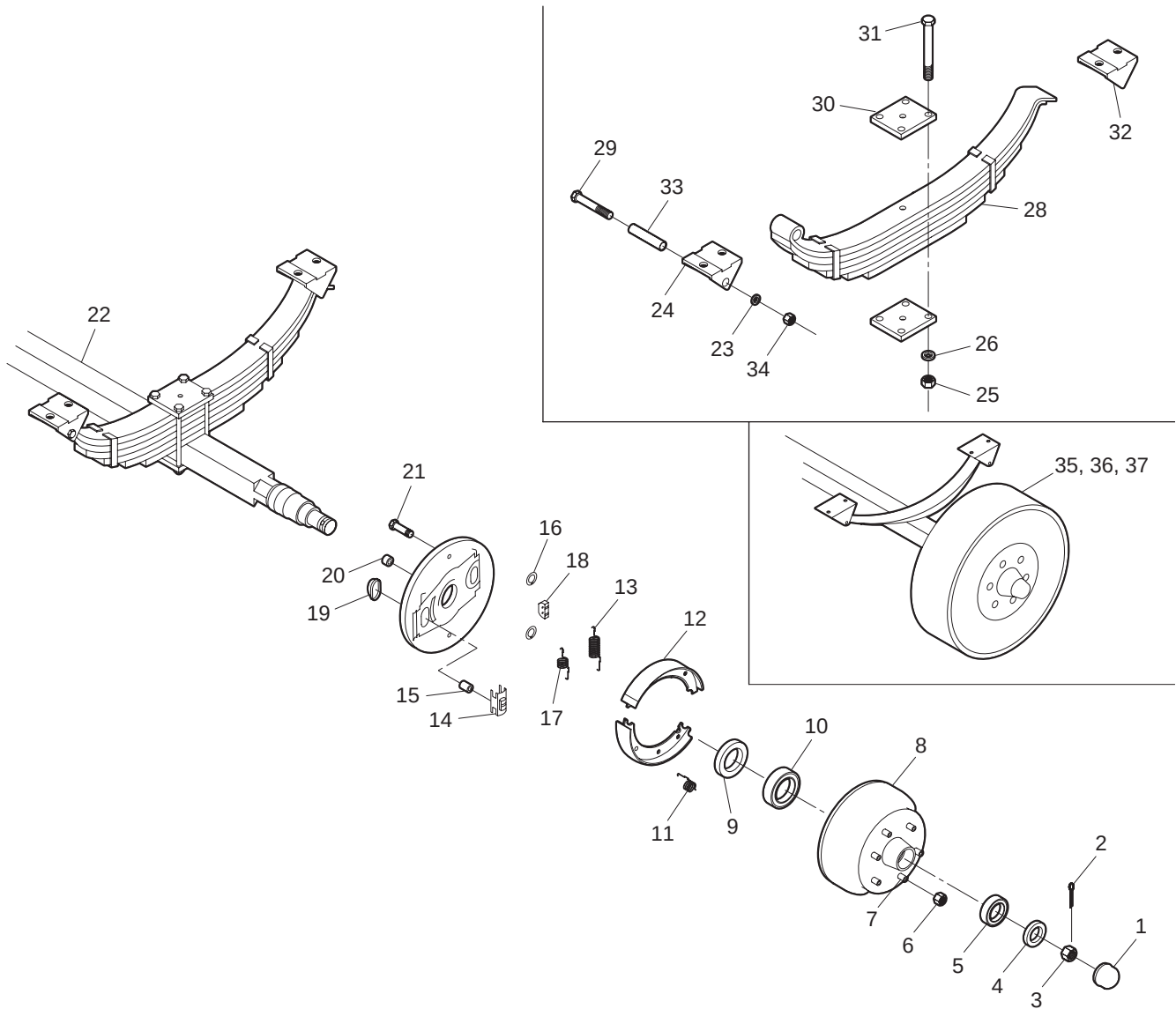
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	22391726	Front Axle Assembly	1	
1	22392153	Cover, Hub	2	
2	22392237	Pin, Cotter	2	
3	22392146	Nut	2	
4	22392229	Washer, Hub	2	
5	22392138	Bearing, Outer	2	
6	22392211	Nut, Wheel	10	
7	22392203	Stud, Wheel	10	
8	22392120	Front Hub Assembly	2	
9	22392161	Bearing, Inner	2	
10	22392286	Bushing	4	
11	22392179	Seal	2	
12	22392187	Left, Front Axle Stub	1	
	22392195	Right, Front Axle Stub	1	
13	22392252	Screw	2	
14	22392278	Pin, King	2	Continued.....

Steerable Running Gear (Front Axle)



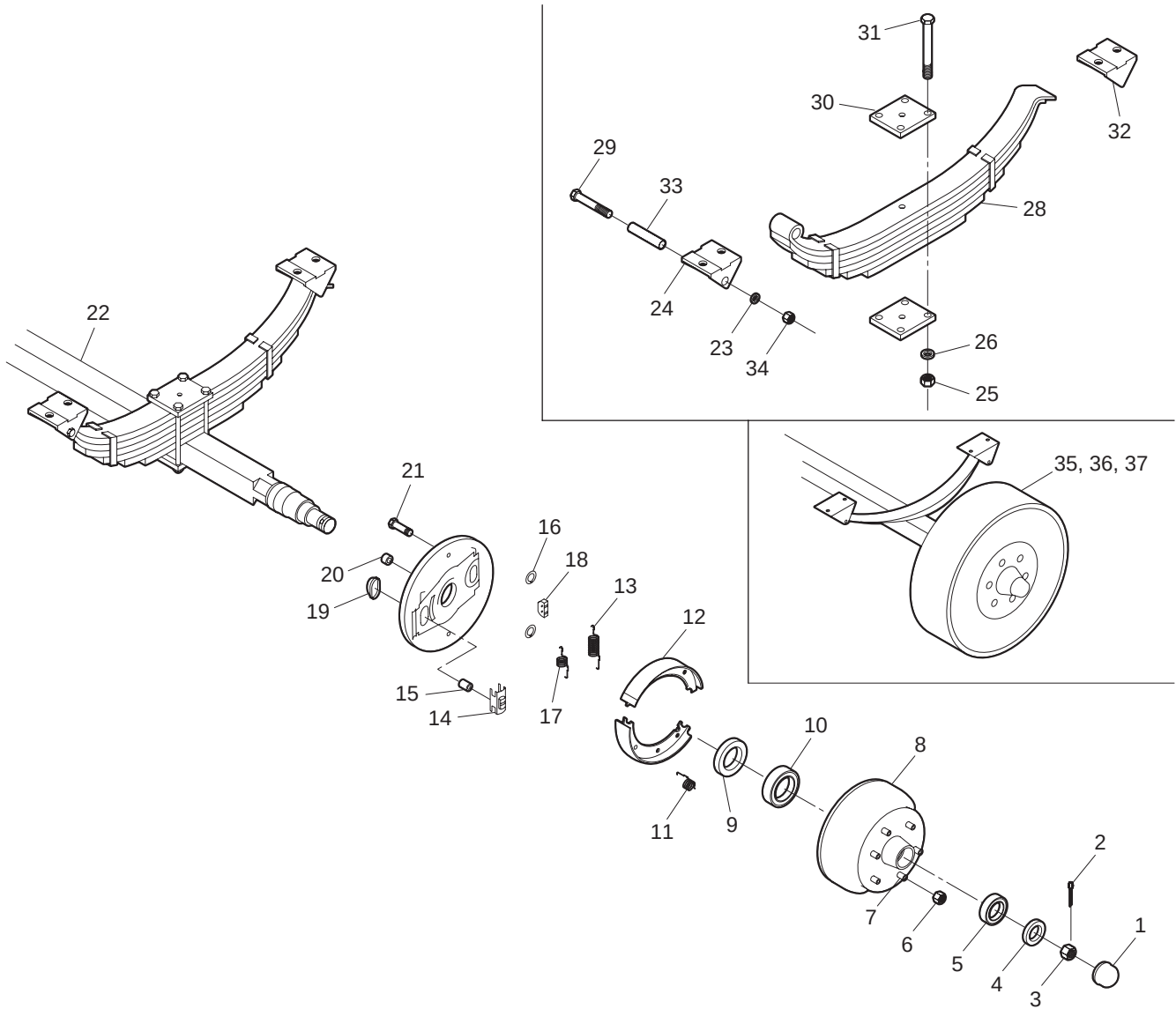
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	22392260	Locknut	2	 <i>Continued</i>
16	22392245	Washer	2	
17	22391858	Cap, Grease Fitting	4	
18	22391767	Fitting, Grease	4	
19	22392294	Beam	1	
20-22	22391734	Track Rod Assembly	1	
20	22392385	Nut	2	
21	22392393	Rod, Track	2	
22	22392377	Pin, Ball	2	
23	22392401	Washer	8	
24	22392419	Locknut	4	
25	22392427	Screw	2	
26	22256515	Tyre	2	
27	22343545	Wheel	2	
28	35148204	Stem, Valve	2	

Steerable Running Gear (Rear Axle)



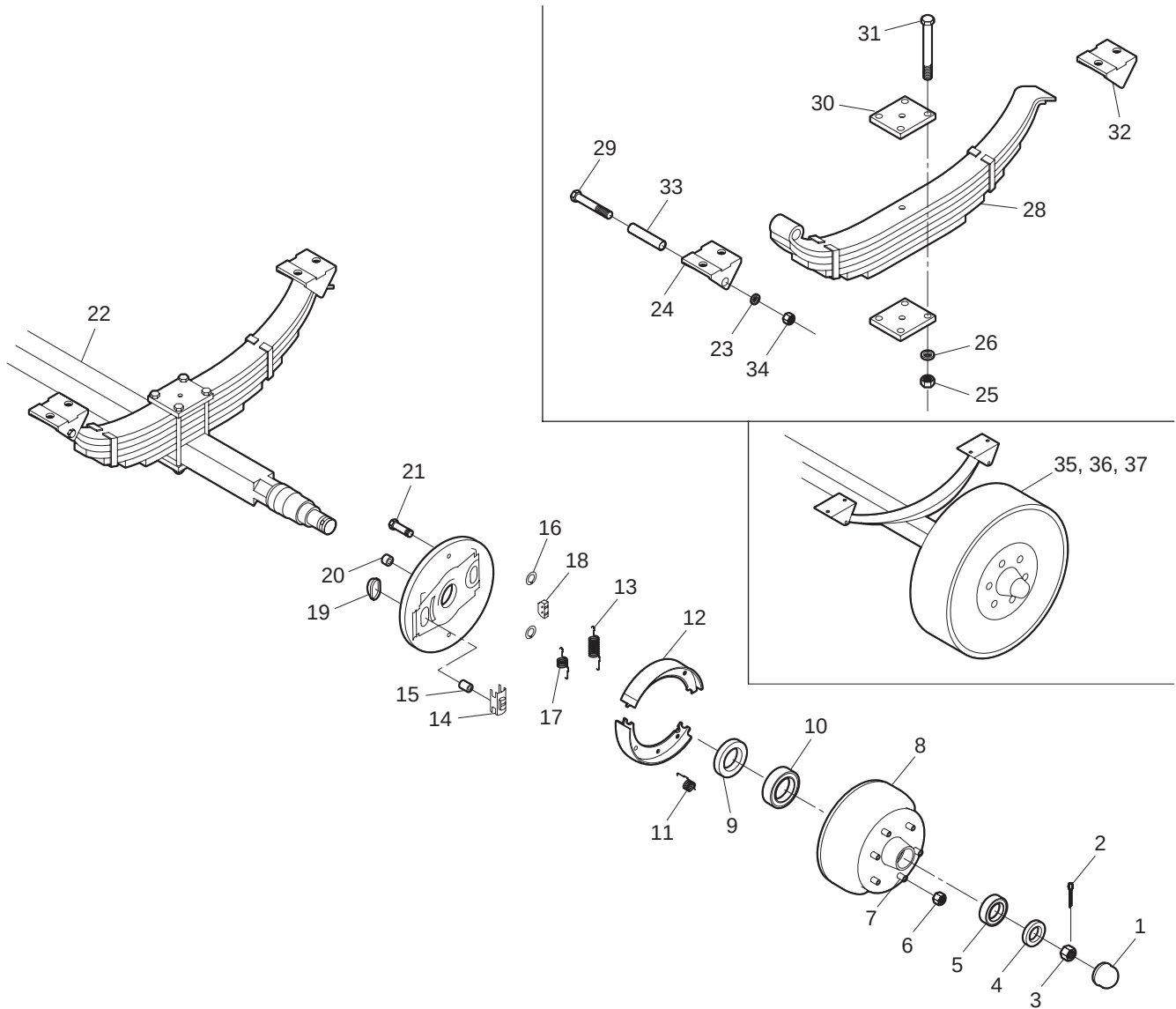
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	22391742	Rear Axle Assembly	1	
1	22392153	Cover, Hub	2	
2	22392237	Pin, Cotter	2	
3	22392146	Nut	2	
4	22392229	Washer, Hub	2	
5	22392138	Bearing, Outer	2	
6	22392211	Nut, Wheel	10	
7	22392203	Stud, Wheel	10	
8	22392575	Drum, Rear Brake	2	
9	22392179	Seal	2	
10	22392161	Bearing, Inner	2	
11	22392633	Spring	4	
12	22392625	Shoe, Brake	4	
13	22392617	Adjuster	2	Continued.....

Steerable Running Gear (Rear Axle)



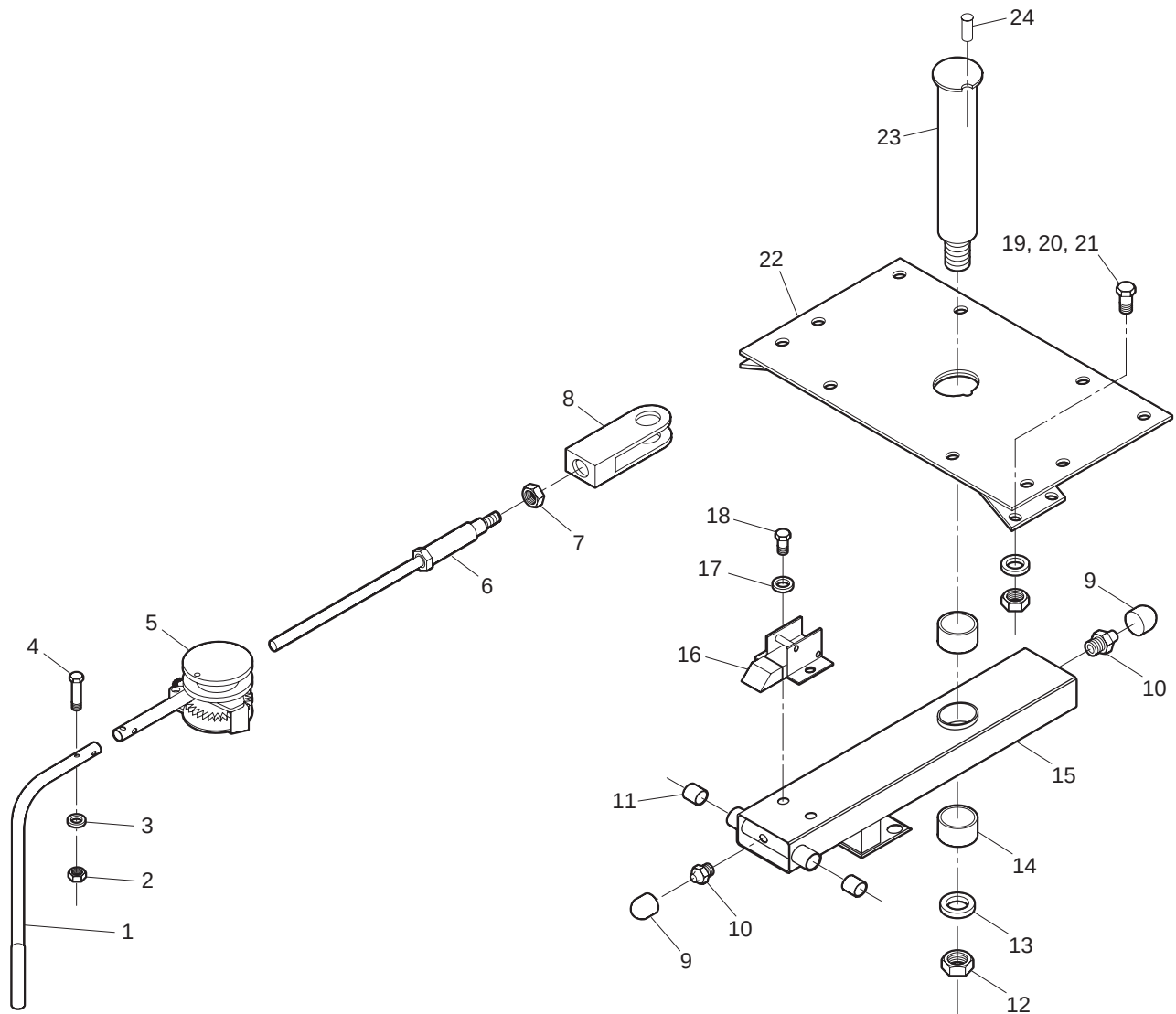
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22392658	Expander	2	Continued
15	22392641	Holder	2	
16	22392591	Wedge	4	
17	22392666	Spring	2	
18	22392609	Wedge	2	
19	22392674	Cover	2	
20	22392682	Plug	4	
21	22392583	Screw	2	
22	22392435	Beam, Rear Axle	1	
23	22392344	Washer	4	
24	22392310	Shackle, Front	4	
25	22392112	Locknut	16	
				Continued.....

Steerable Running Gear (Rear Axle)



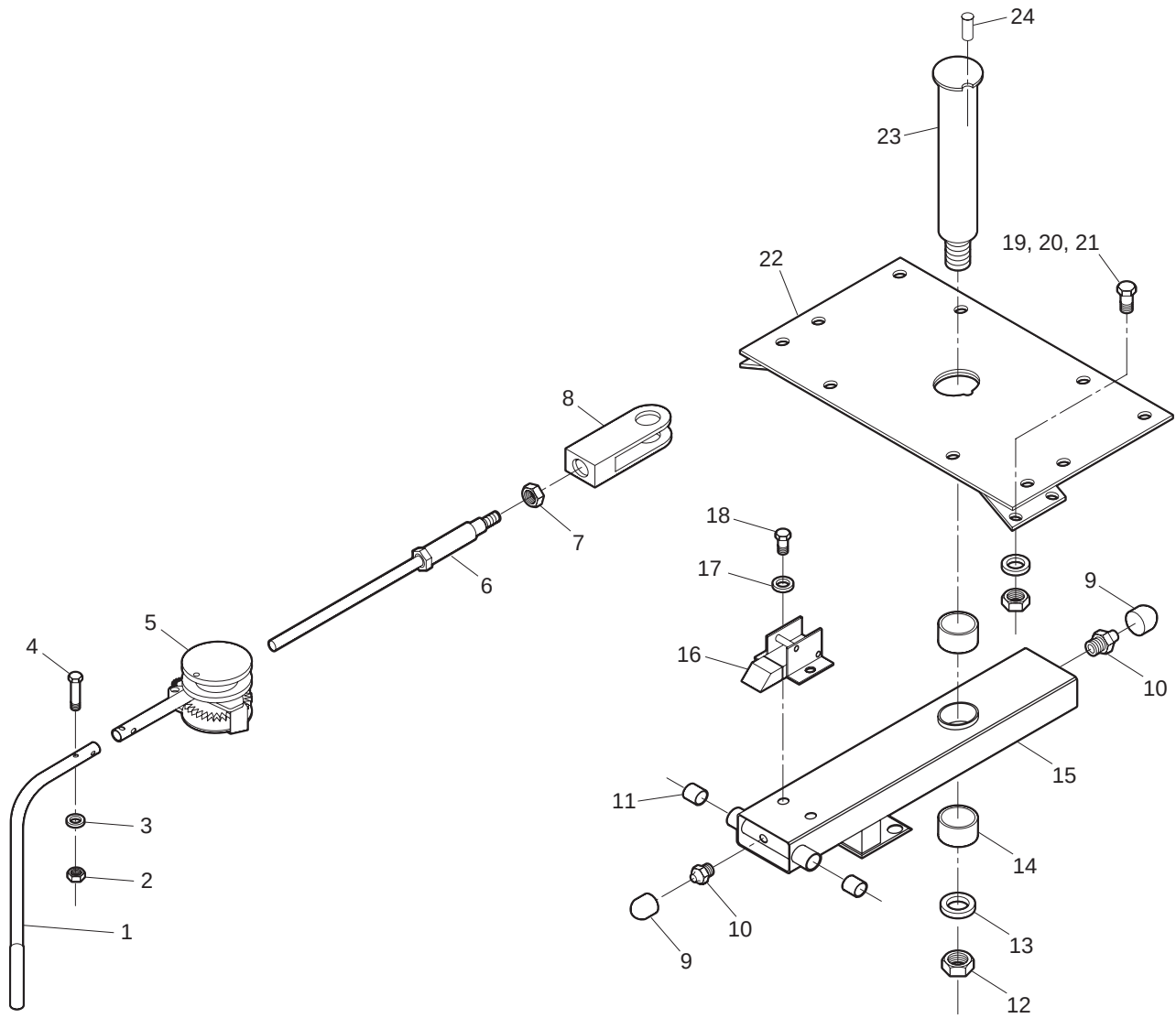
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
26	22392104	Washer	16	Continued
27	22392088	Spring Base, Lower	4	
28	22392302	Spring, Leaf	4	
29	22392336	Screw	4	
30	22392070	Spring Base, Upper	4	
31	22392096	Screw	16	
32	22392328	Shackle, Rear	4	
33	22392369	Bushing	4	
34	22392351	Locknut	4	
35	22256515	Tyre	2	
36	22343545	Wheel	2	
37	35148204	Stem, Valve	2	

Steerable Running Gear (Parking Brake)



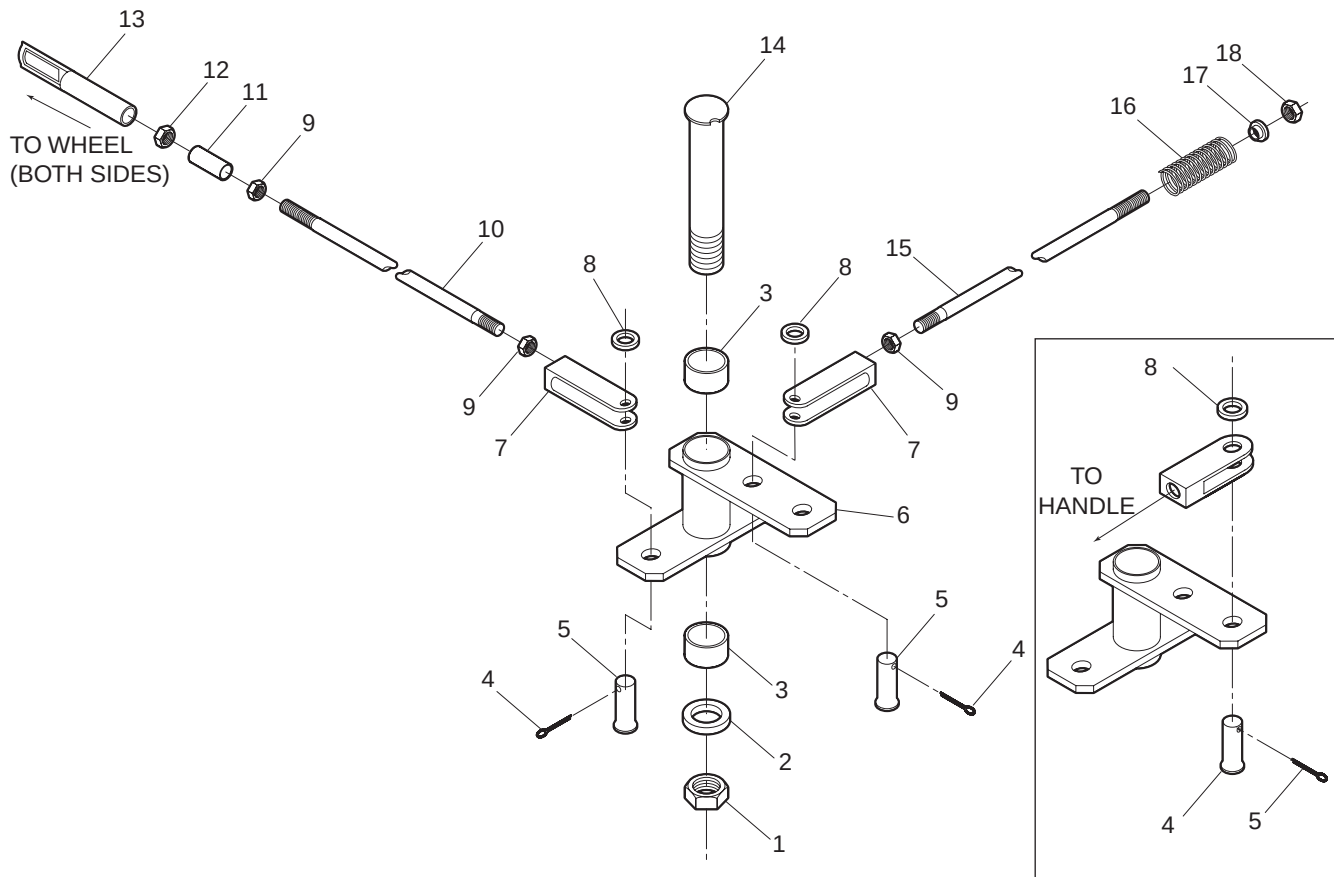
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-24	22391718	Pintle Box Assembly	1	
1	22391981	Handle, Parking Brake	1	
2	22392013	Nut	2	
3	22391882	Washer	2	
4	22392005	Screw	2	
5	22391973	Ratchet, Brake	1	
6	22391999	Cable, Brake	1	
7	22392021	Nut	1	
8	22392039	Yoke	1	
9	22391858	Cap, Grease Fitting	2	
10	22391767	Fitting, Grease	2	
11	22391908	Bearing, Bronze	2	
12	22391791	Locknut	1	Continued.....

Steerable Running Gear (Parking Brake)



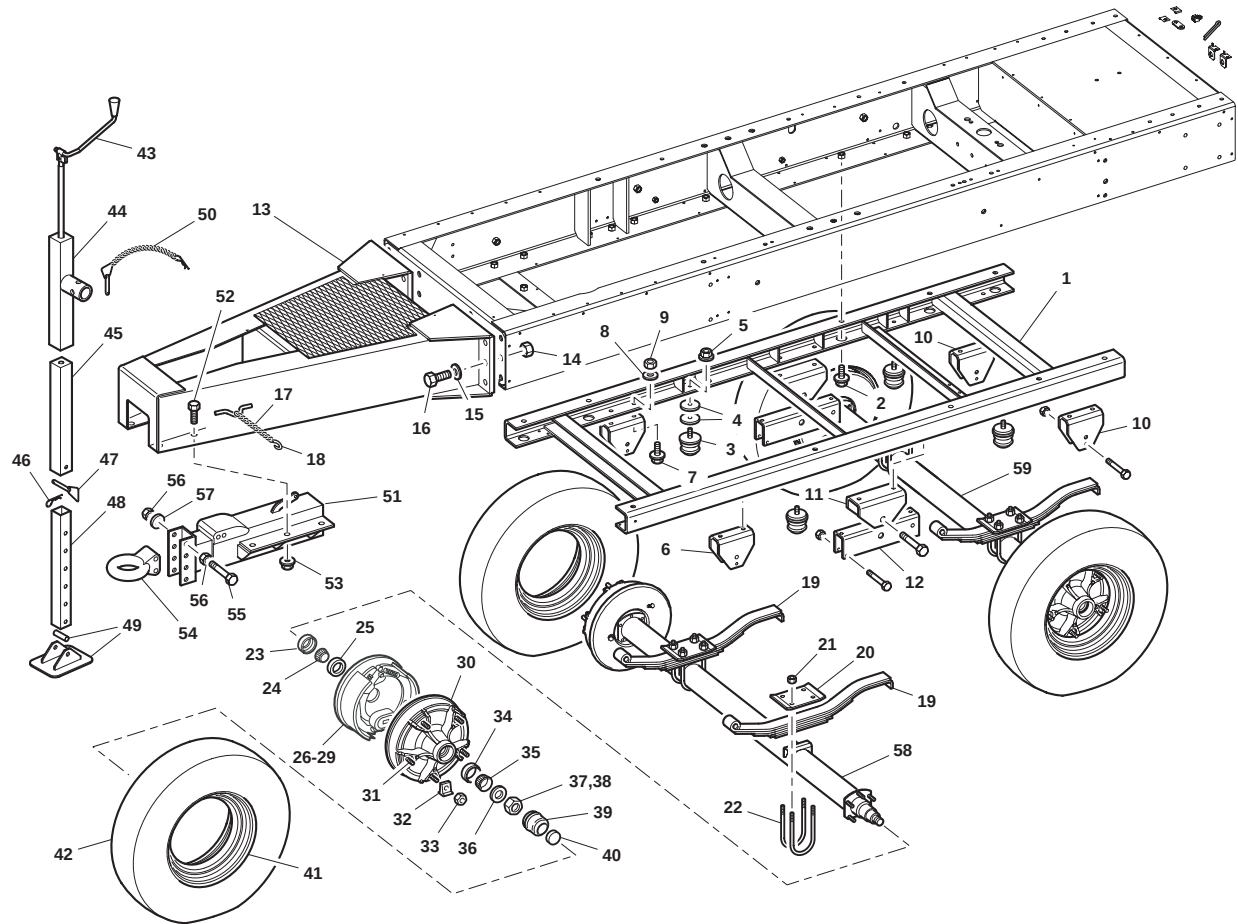
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22391783	Washer	1	Continued
14	22391916	Bearing, Bronze	1	
15	22391932	Body	1	
16	22391940	Latch	1	
17	22391882	Washer	2	
18	22391890	Screw	2	
19	22392054	Screw	3	
20	22392047	Washer	3	
21	22392062	Nut	3	
22	22391965	Box, Pintle	1	
23	22391957	Pin, Large	1	
24	22391924	Pin, Small	1	

Steerable Running Gear (Parking Brake)



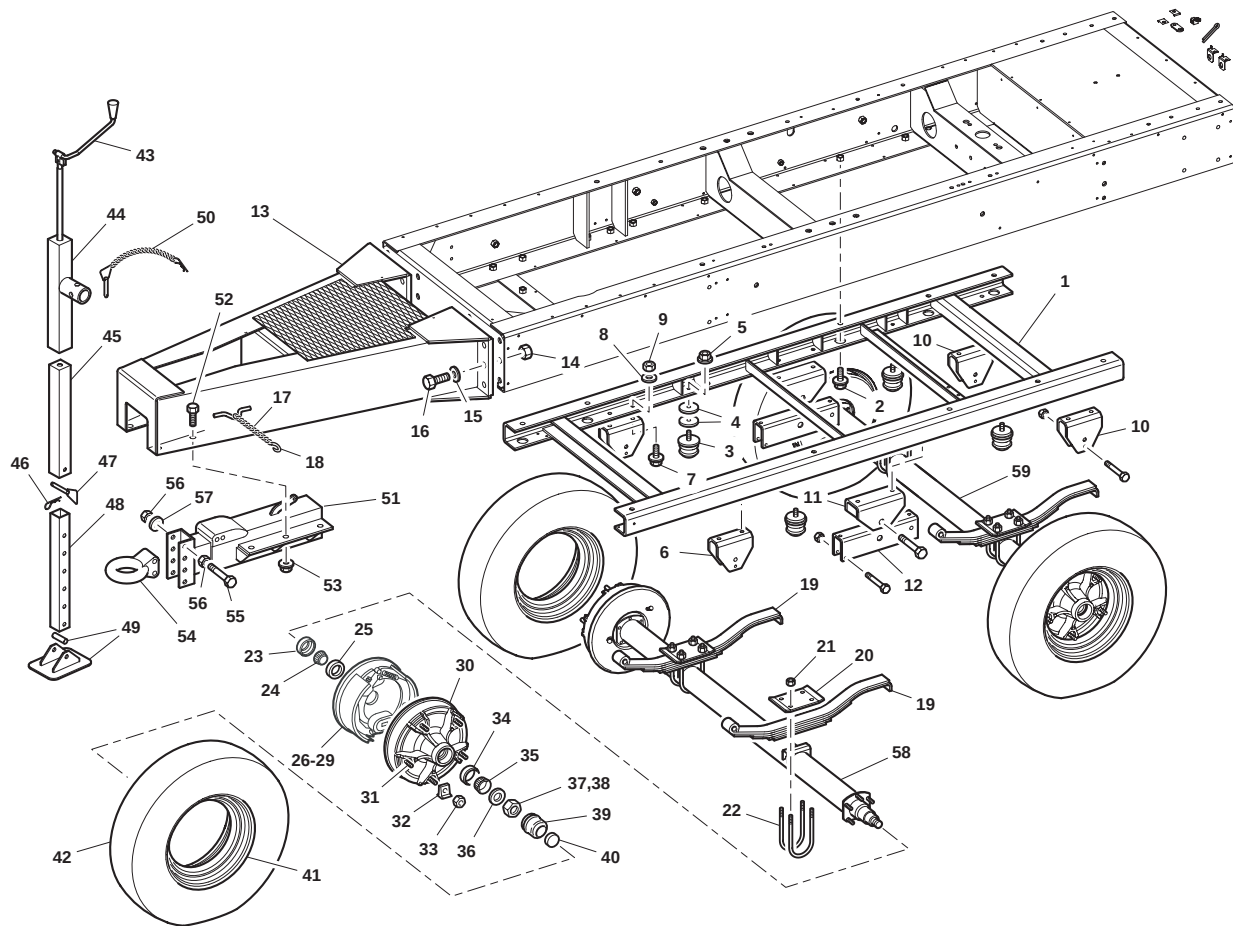
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-18	22391742	Rear Axle Assembly	1	
1	22391833	Locknut	1	
2	22392443	Washer	1	
3	22392500	Bearing	2	
4	22392476	Pin	3	
5	22392468	Pin, Cotter	3	
6	22392492	Lever	1	
7	22392039	Yoke	3	
8	22392450	Washer	3	
9	22392021	Nut	6	
10	22392534	Rod	2	
11	22392526	Nut, Adaptor	2	
12	22392062	Nut	2	
13	22392518	Hook, Safety	2	
14	22392484	Pin	1	
15	22392542	Rod	1	
16	22392559	Spring	1	
17	22392567	Washer	1	
18	22392260	Locknut	1	

HSRG (Hydraulic Brakes & Demountable Rims)



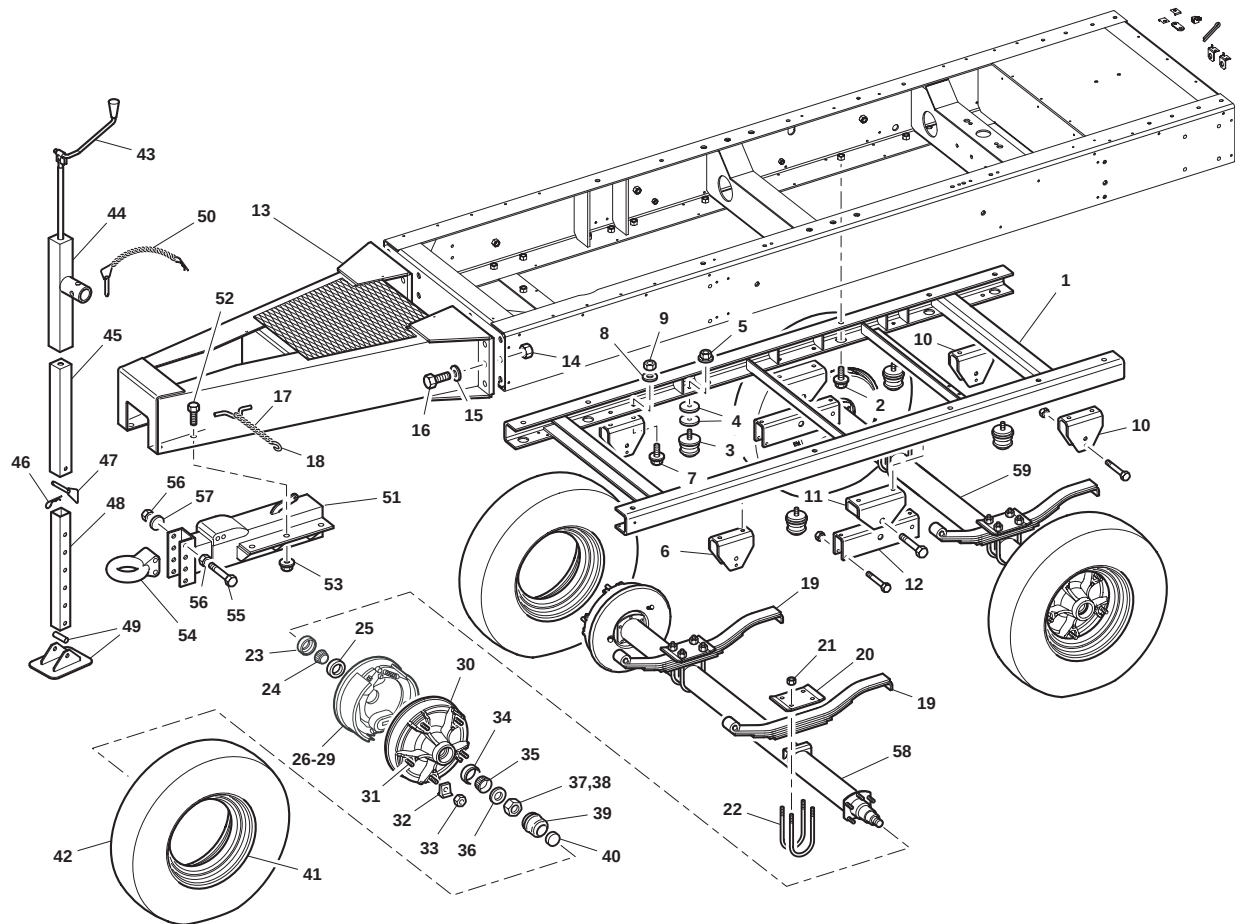
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, Center	2	
12	35356930	Equalizer	2	
13	22184675	Drawbar	1	
14	35297340	Nut	12	
15	95935011	Washer	12	
16	96700919	Screw	12	Continued.....

HSRG (Hydraulic Brakes & Demountable Rims)



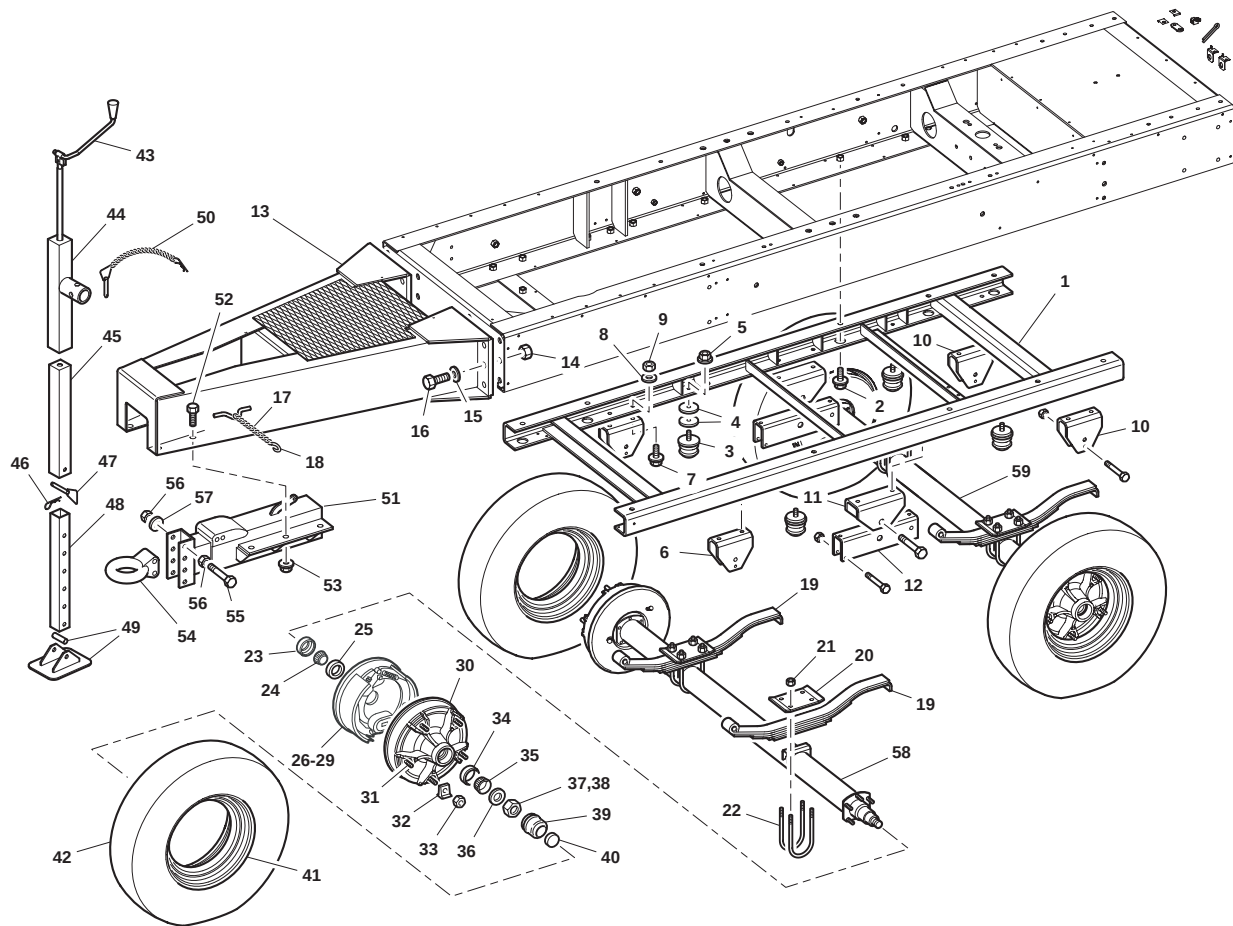
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	35610385	Chain	2	Continued
18	35369800	Link	2	
19	36385392	Spring	4	
20	22222459	Plate	4	
21	22222475	Nut	16	
22	35356922	U-Bolt	8	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cup, Inner	1	
25	35316876	Bearing Cone, Inner	1	
26	36895241	Brake Assembly, Left Hand	1	
	36895258	Brake Assembly, Right Hand	1	
27	36895779	Brake Shoe & Lining Kit, Left Hand	1	
	36895787	Brake Shoe & Lining Kit, Right Hand	1	
28	36897851	Brake Cylinder Kit, Left Hand	1	
	36897885	Brake Cylinder Kit, Right Hand	1	Continued.....

HSRG (Hydraulic Brakes & Demountable Rims)



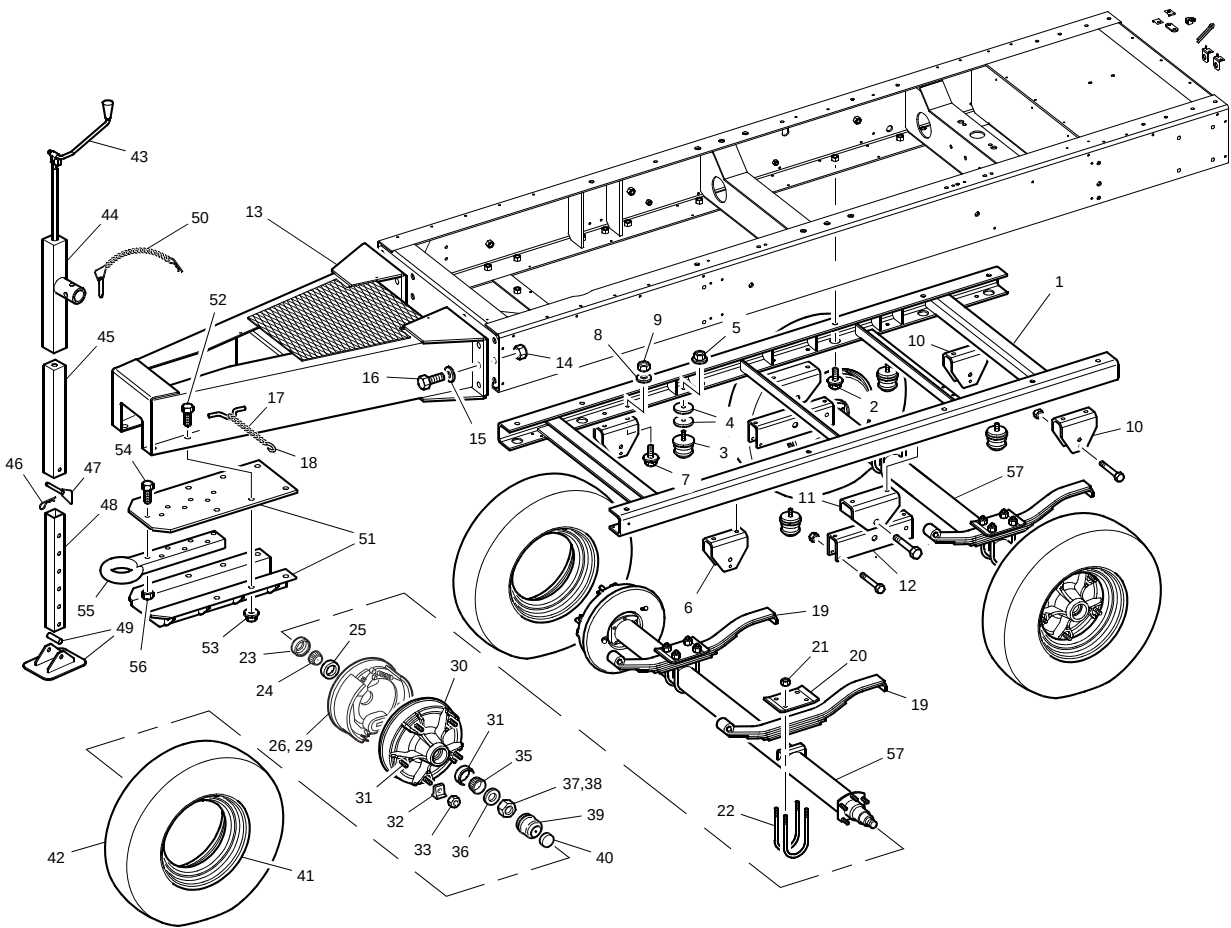
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
29	36895795	Brake Spring Kit	1	 <i>Continued</i>
30	22331326	Hub	1	
	22331953	Hub Assembly (Includes Items: 23,24,25,30,31,33,34 & 35)	4	
31	22332449	Wheel Stud	5	
32	22330039	Wheel Nut Clamp	5	
33	22331763	Wheel Nut	5	
34	35385277	Bearing Cone, Outer	1	
35	35385293	Bearing Cup, Outer	1	
36	35356914	Spindle Washer	1	
37	35315217	Spindle Nut	1	
38	22222483	Cage, Spindle Nut	1	
39	35379395	Grease Cap	1	
40	35379387	Grease Cap Plug	1	
41	22319685	Wheel	4	
42	22320725	Tyre	4	
43-49	36870111	Jack, Extended Leg Assembly	1	
43	36870129	Crank	1	<i>Continued.....</i>

HSRG (Hydraulic Brakes & Demountable Rims)



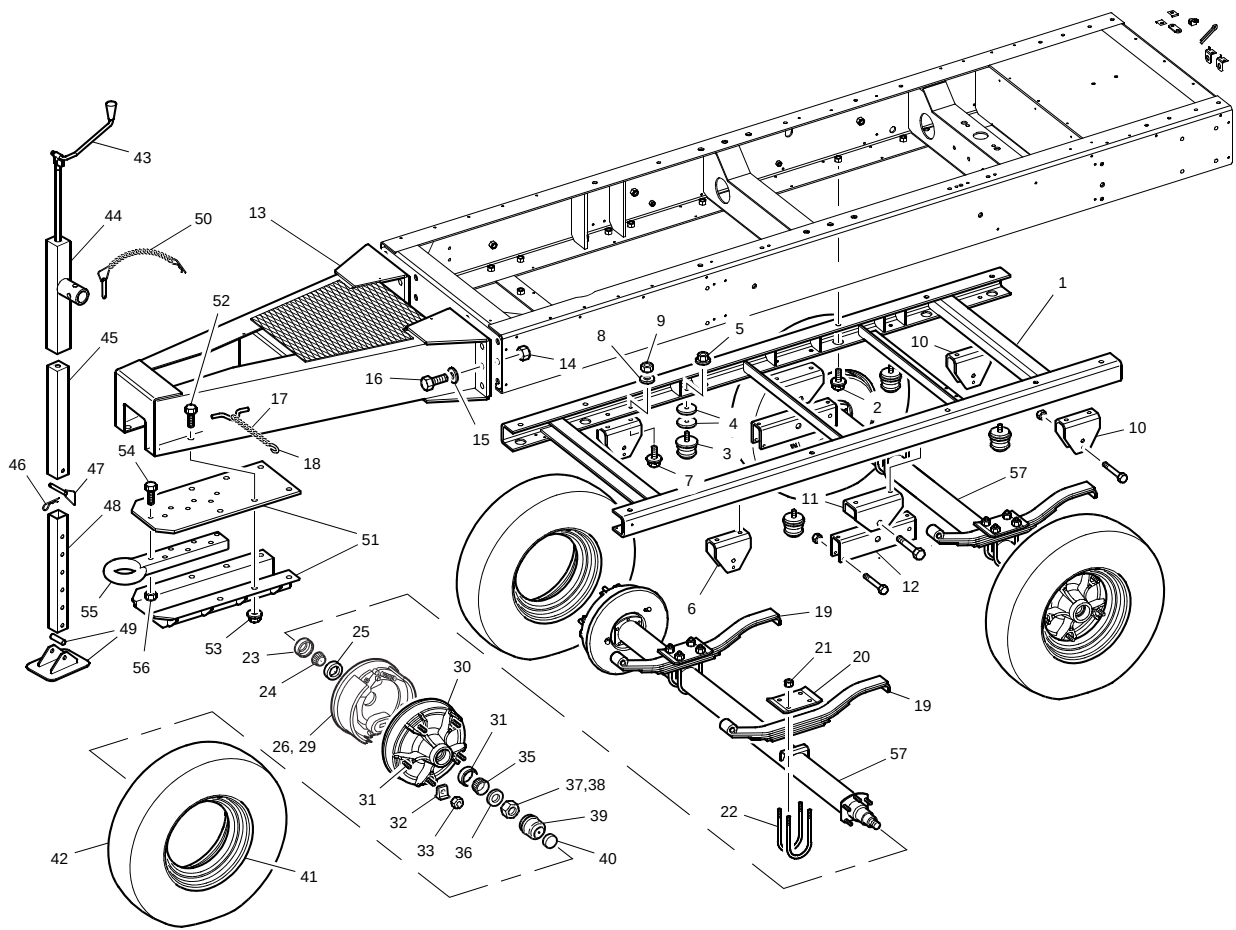
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
44	36870129	Tube	1	Continued
45	36870053	Tube	1	
46	36870103	Clip	1	
47	36870095	Pin	1	
48	36870087	Tube	1	
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36734424	Actuator, Hydraulic Surge	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	35605187	Pintle Eye	1	
55	35376094	Screw	2	
56	96701750	Nut	4	
57	95935052	Washer	2	
58	22320865	Axle Assembly, Front	1	
59	22320873	Axle Assembly, Rear	1	

HSRG (Electric Brakes & Demountable Rims)



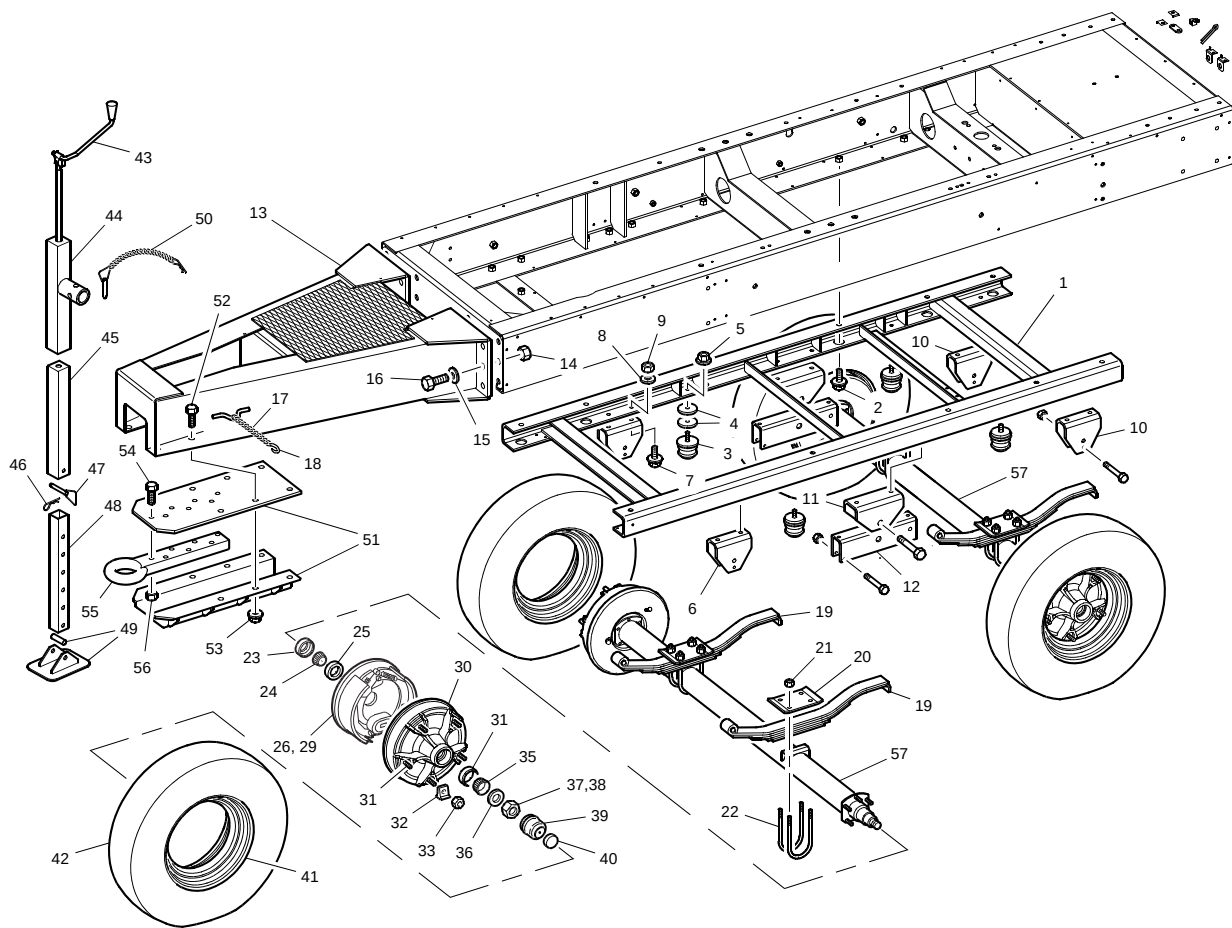
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, Center	2	
12	35356930	Equalizer	2	
13	22184675	Drawbar	1	
14	35297340	Nut	12	
15	95935011	Washer	12	
16	96700919	Screw	12	
17	35610385	Chain		Continued.....

HSRG (Electric Brakes & Demountable Rims)



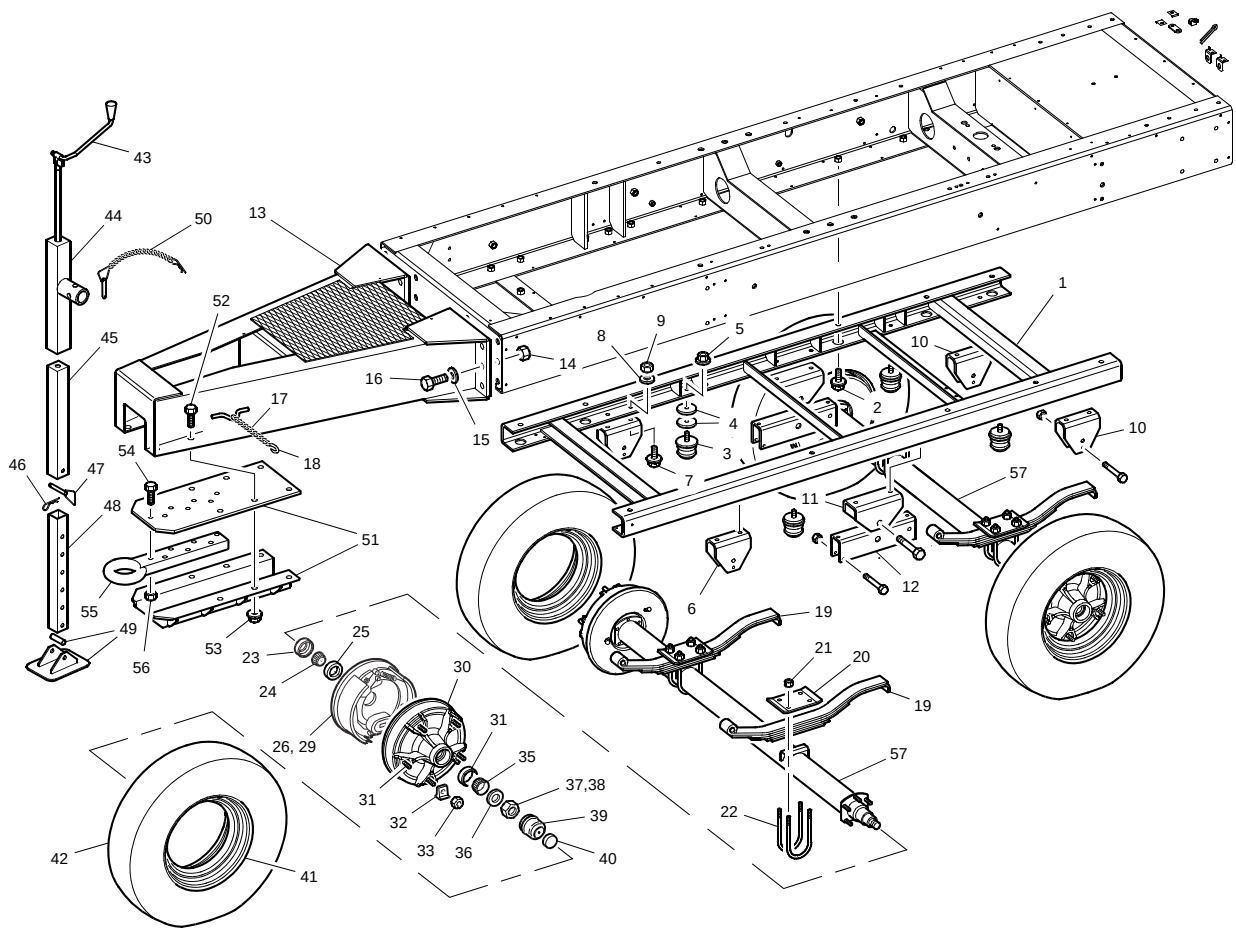
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	35369800	Link		Continued
19	36891794	Spring	4	
20	22222459	Plate	4	
21	22222475	Nut	16	
22	35356922	U-Bolt	8	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cup, Inner	1	
25	35316876	Bearing Cone, Inner	1	
26	36855377	Brake Assembly, Left Hand	1	
	36855385	Brake Assembly, Right Hand	1	
27	36895803	Brake Shoe and Lining Kit	1	
28	36895811	Brake Magnet Kit	1	
29	36895829	Brake Actuating Lever Kit, Left Hand	1	
	36895837	Brake Actuating Lever Kit, Right Hand	1	
30	22331326	Hub	1	
	22331953	Hub Assembly (Includes Items: 23,24,25,30,31,33,34 & 35)	4	
31	22332449	Wheel Stud	5	
				Continued.....

HSRG (Electric Brakes & Demountable Rims)



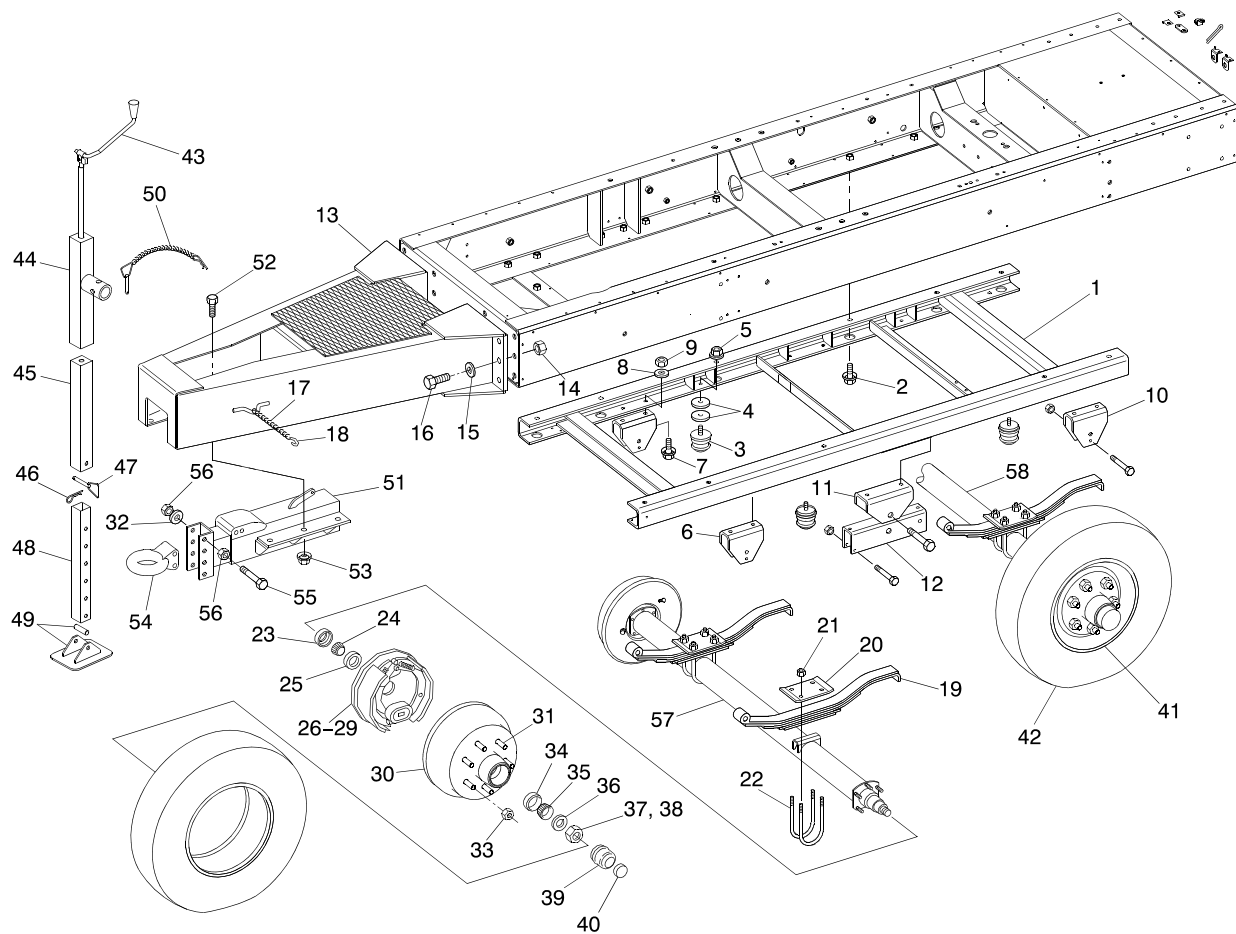
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	22330039	Wheel Nut Clamp	5	Continued
33	22331763	Wheel Nut	5	
34	35385277	Bearing Cup, Outer	1	
35	35385293	Bearing Cone, Outer	1	
36	35356914	Spindle Washer	1	
37	35315217	Spindle Nut	1	
38	22222483	Cage, Spindle Nut	1	
39	35379395	Grease Cap	1	
40	35379387	Grease Cap Plug	1	
41	22319685	Wheel	4	
42	22320725	Tyre	4	
43-49	36870111	Jack, Extended Leg Assembly	1	
43	36870129	Crank	1	
44	36870129	Tube	1	
45	36870053	Tube	1	
46	36870103	Clip	1	
47	36870095	Pin	1	
				Continued.....

HSRG (Electric Brakes & Demountable Rims)



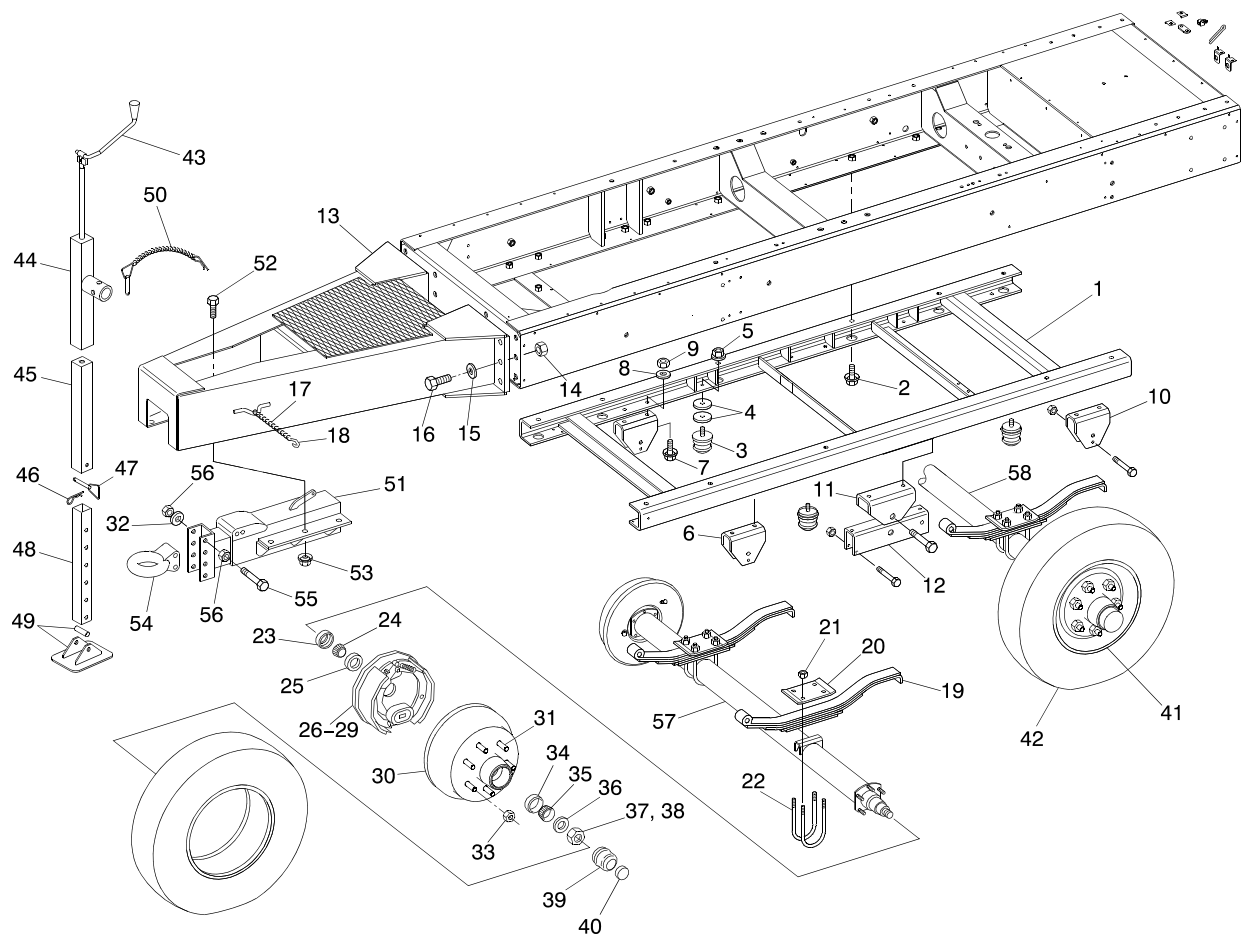
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
48	36870087	Tube	1	Continued
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36742880	Support	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	95934170	Screw	7	
55	35327840	Eye, Lunette	1	
56	35374453	Nut	7	
57	22354518	Axle Assembly	1	

HSRG (Hydraulic Brakes & Standard Rims)



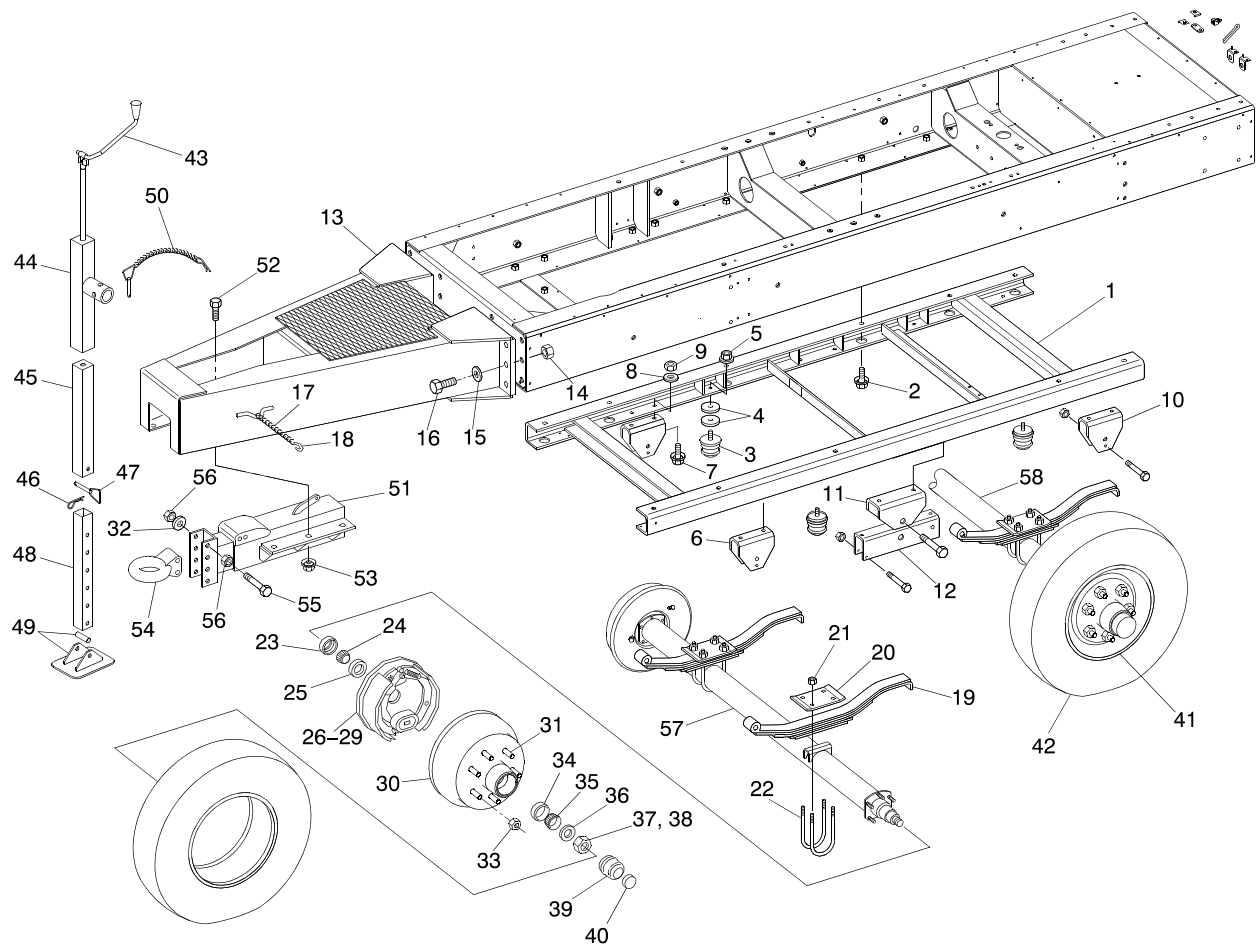
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, Center	2	
12	35356930	Equalizer	2	
13	22184675	Drawbar	1	
14	35297340	Nut	12	
15	95935011	Washer	12	
16	96700919	Screw	12	Continued.....

HSRG (Hydraulic Brakes & Standard Rims)



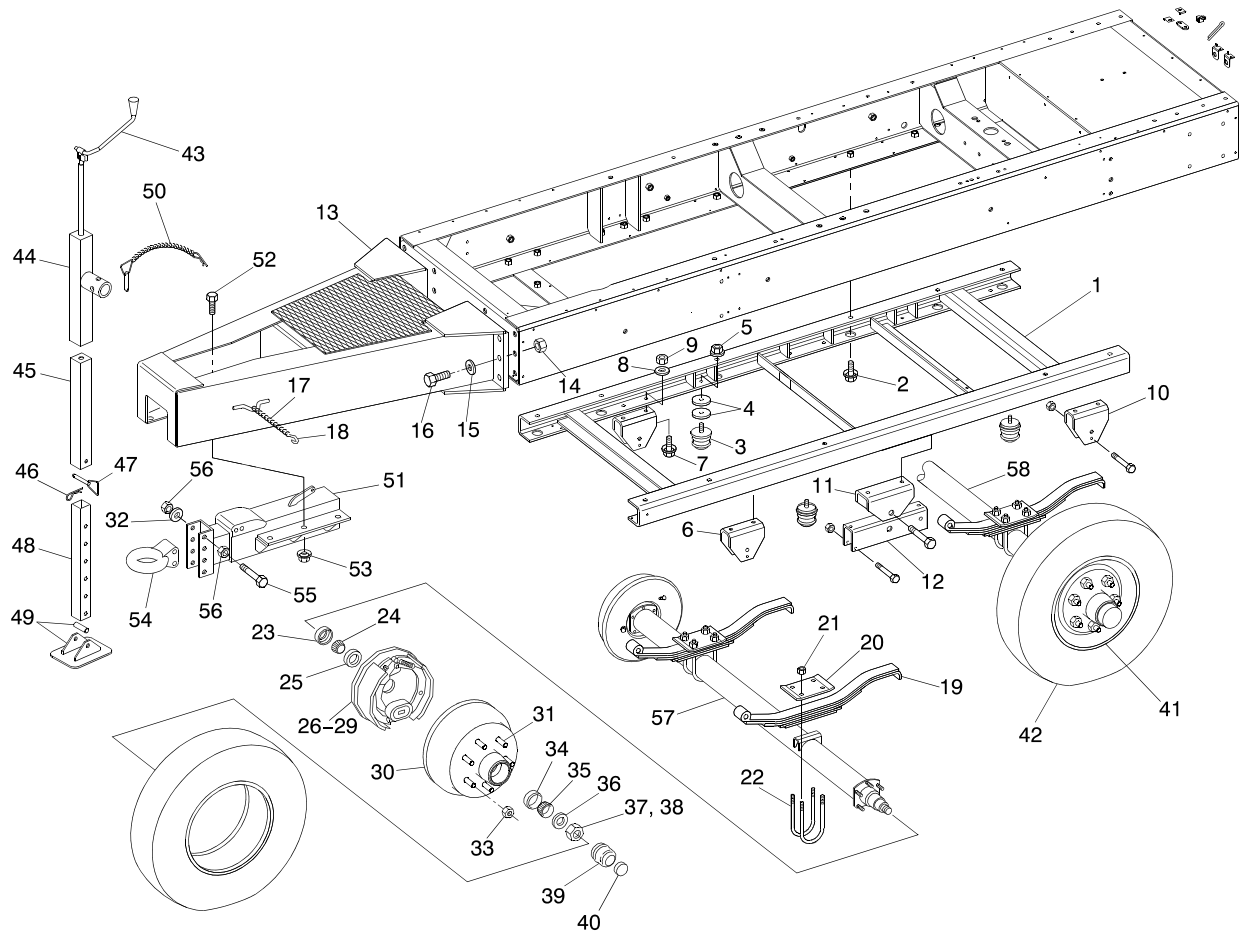
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	35610385	Chain	2	Continued
18	35369800	Link	2	
19	36385392	Spring	4	
20	22222459	Plate	4	
21	22222475	Nut	16	
22	35356922	U-Bolt	8	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cup, Inner	1	
25	35316876	Bearing Cone, Inner	1	
26	36895241	Brake Assembly, Left Hand	1	
	36895258	Brake Assembly, Right Hand	1	
27	36895779	Brake Shoe & Lining Kit, Left Hand	1	
	36895787	Brake Shoe & Lining Kit, Right Hand	1	
28	36897851	Brake Cylinder Kit, Left Hand	1	
	36897885	Brake Cylinder Kit, Right Hand	1	
				Continued.....

HSRG (Hydraulic Brakes & Standard Rims)



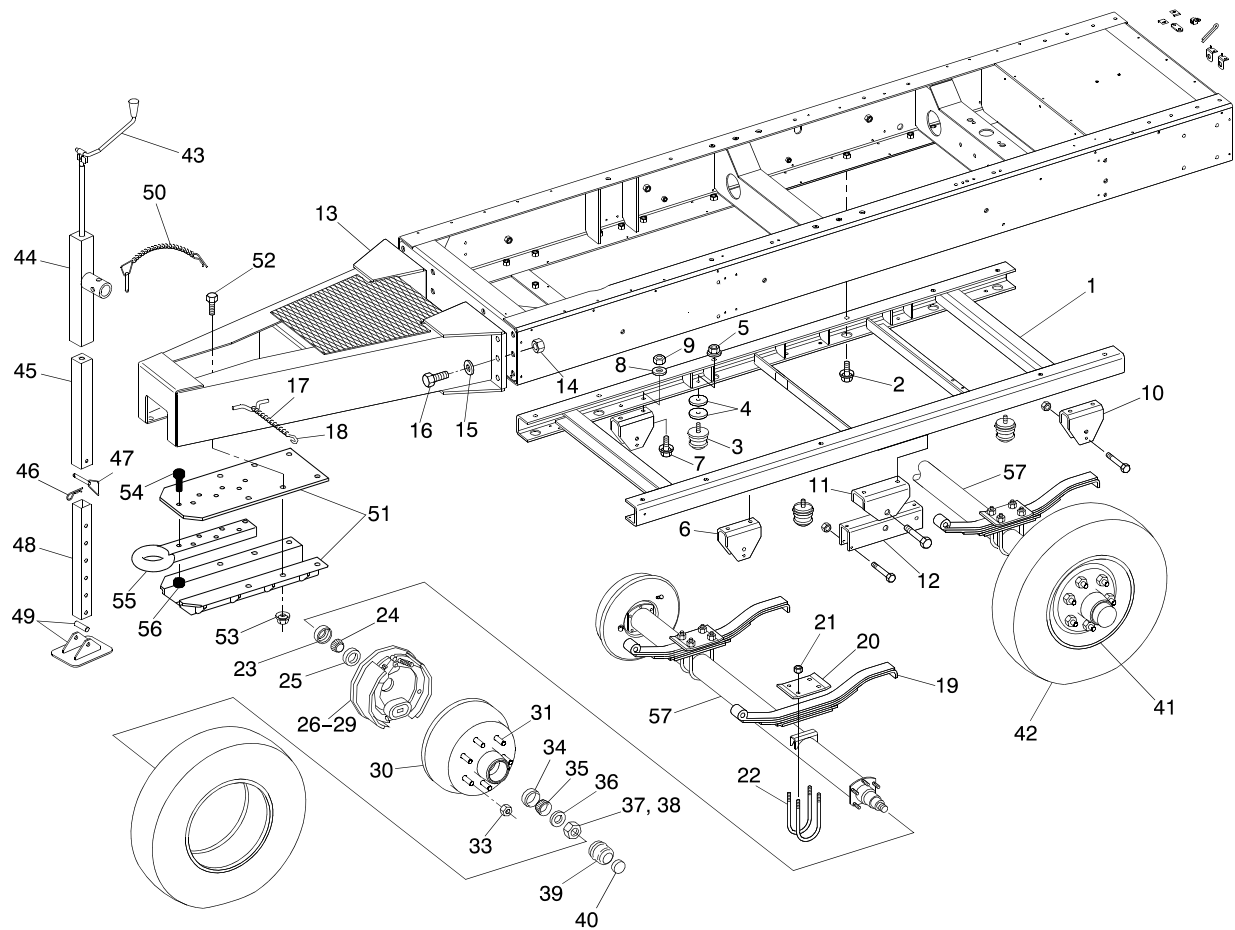
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
29	36895795	Brake Spring Kit	1	Continued
30	35388669	Hub	1	
	22982821	Hub Assembly (Includes Items: 23,24,25,30,31,33,34 & 35)	4	
31	35385244	Wheel Stud	8	
32	96701750	Nut	4	
33	35385251	Wheel Nut	8	
34	35385277	Bearing Cone, Outer	1	
35	35385293	Bearing Cup, Outer	1	
36	35356914	Spindle Washer	1	
37	35315217	Spindle Nut	1	
38	22222483	Cage, Spindle Nut	1	
39	35379395	Grease Cap	1	
40	35379387	Grease Cap Plug	1	
41	22962567	Wheel	4	
42	22320725	Tyre	4	
43-49	36870111	Jack, Extended Leg Assembly	1	
43	36870129	Crank	1	Continued.....

HSRG (Hydraulic Brakes & Standard Rims)



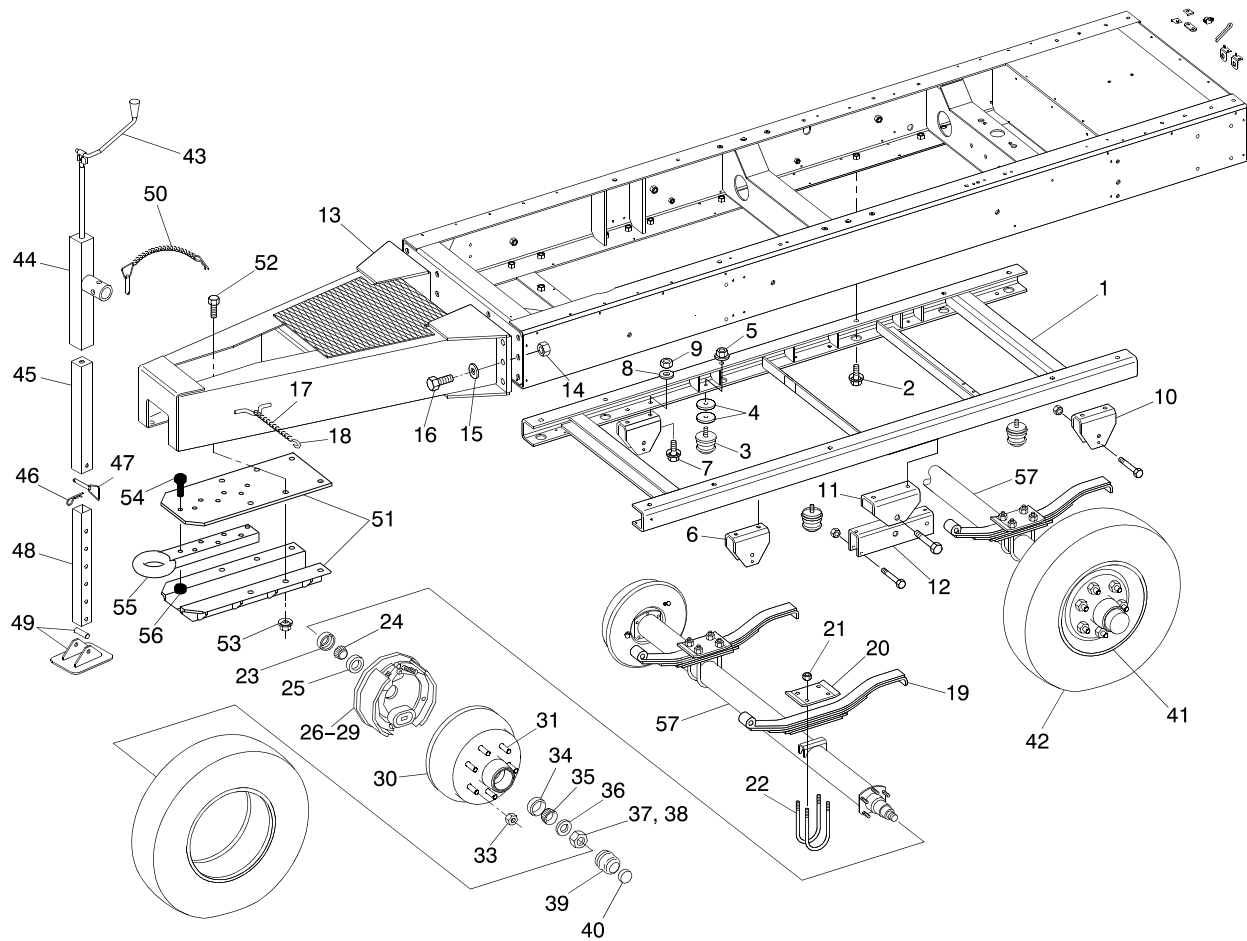
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
44	36870129	Tube	1	Continued
45	36870053	Tube	1	
46	36870103	Clip	1	
47	36870095	Pin	1	
48	36870087	Tube	1	
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36734424	Actuator, Hydraulic Surge	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	35605187	Pintle Eye	1	
55	35376094	Screw	2	
56	96701750	Nut	4	
57	22982896	Axle Assembly, Front	1	
58	22982870	Axle Assembly, Rear	1	

HSRG (Electric Brakes & Standard Rims)



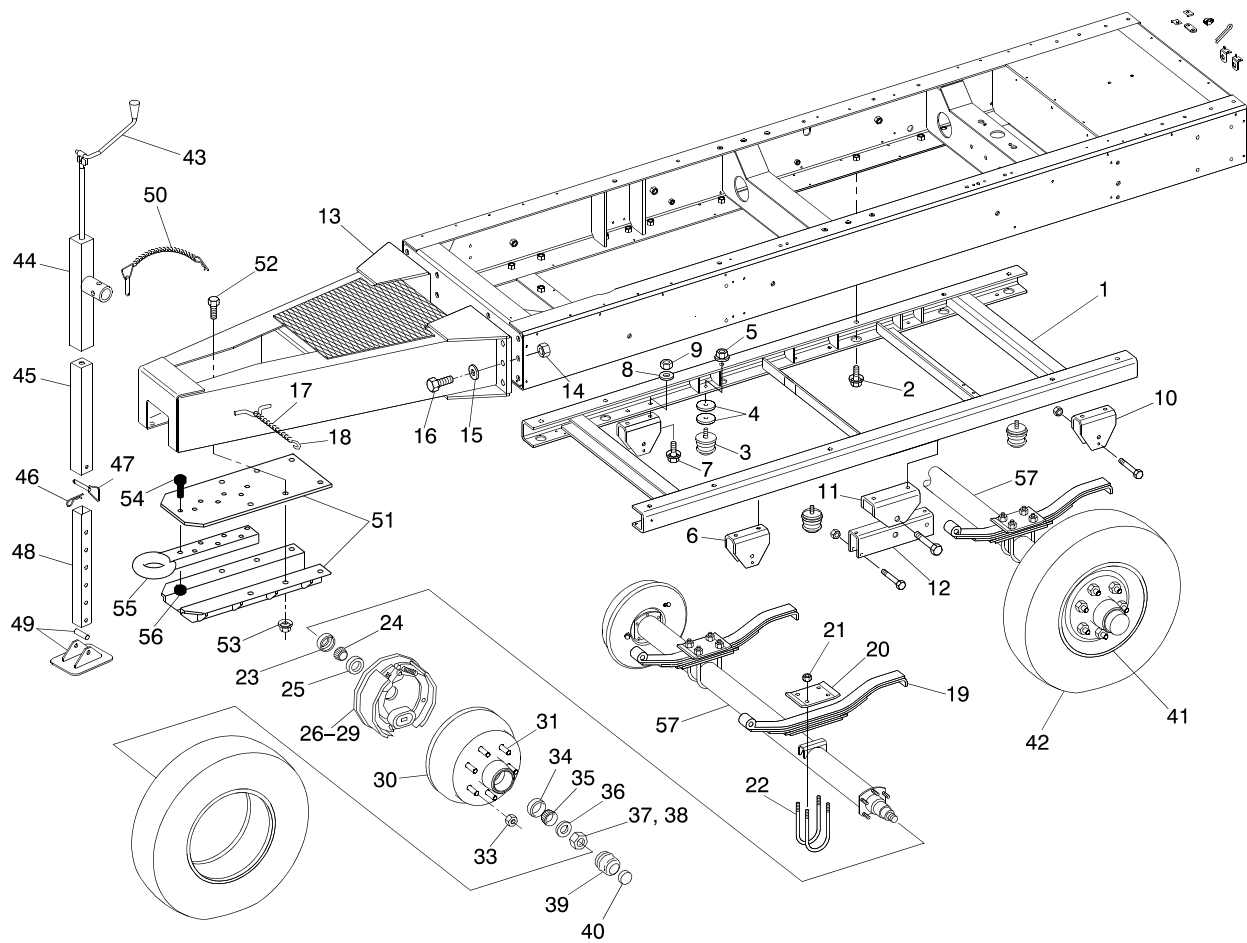
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, Center	2	
12	35356930	Equalizer	2	
13	22184675	Drawbar	1	
14	35297340	Nut	12	
15	95935011	Washer	12	
16	96700919	Screw	12	
17	35610385	Chain		Continued.....

HSRG (Electric Brakes & Standard Rims)



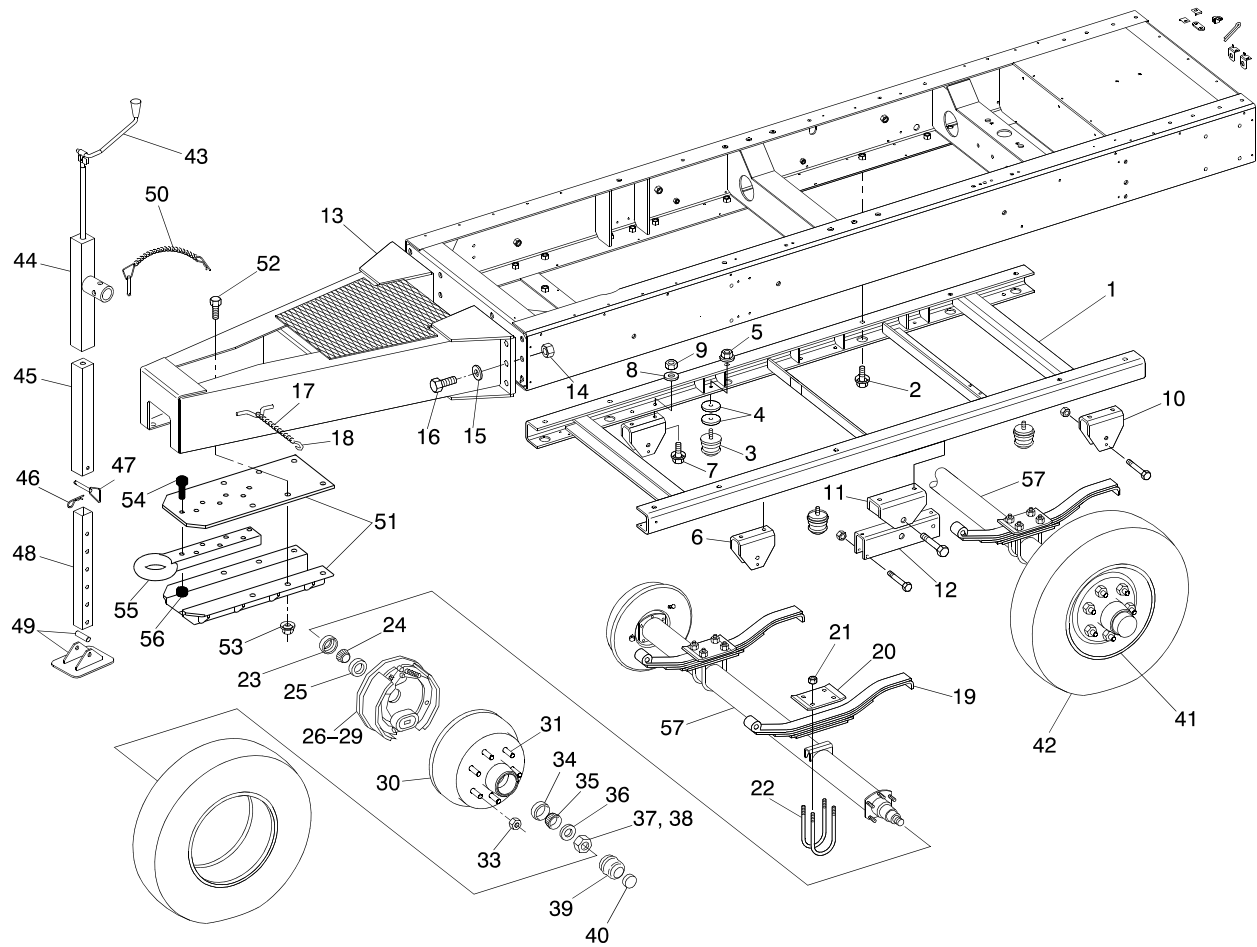
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES	
18	35369800	Link		Continued	
19	36891794	Spring	4		
20	22222459	Plate	4		
21	22222475	Nut	16		
22	35356922	U-Bolt	8		
23	36865962	Seal, Grease	1		
24	35316884	Bearing Cup Inner	1		
25	35316876	Bearing Cone, Inner	1		
26	36855377	Brake Assembly, Left Hand	1		
	36855385	Brake Assembly, Right Hand	1		
27	36895803	Brake Shoe and Lining Kit	1		
28	36895811	Brake Magnet Kit	1		
29	36895829	Brake Actuating Lever Kit, Left Hand	1		
	36895837	Brake Actuating Lever Kit, Right Hand	1		
30	35388669	Hub	1		
	22982821	Hub Assembly (Includes Items 23 thru 25, 30, 31, and 33 thru 35)	4		
31	35385244	Wheel Stud	8		Continued.....

HSRG (Electric Brakes & Standard Rims)



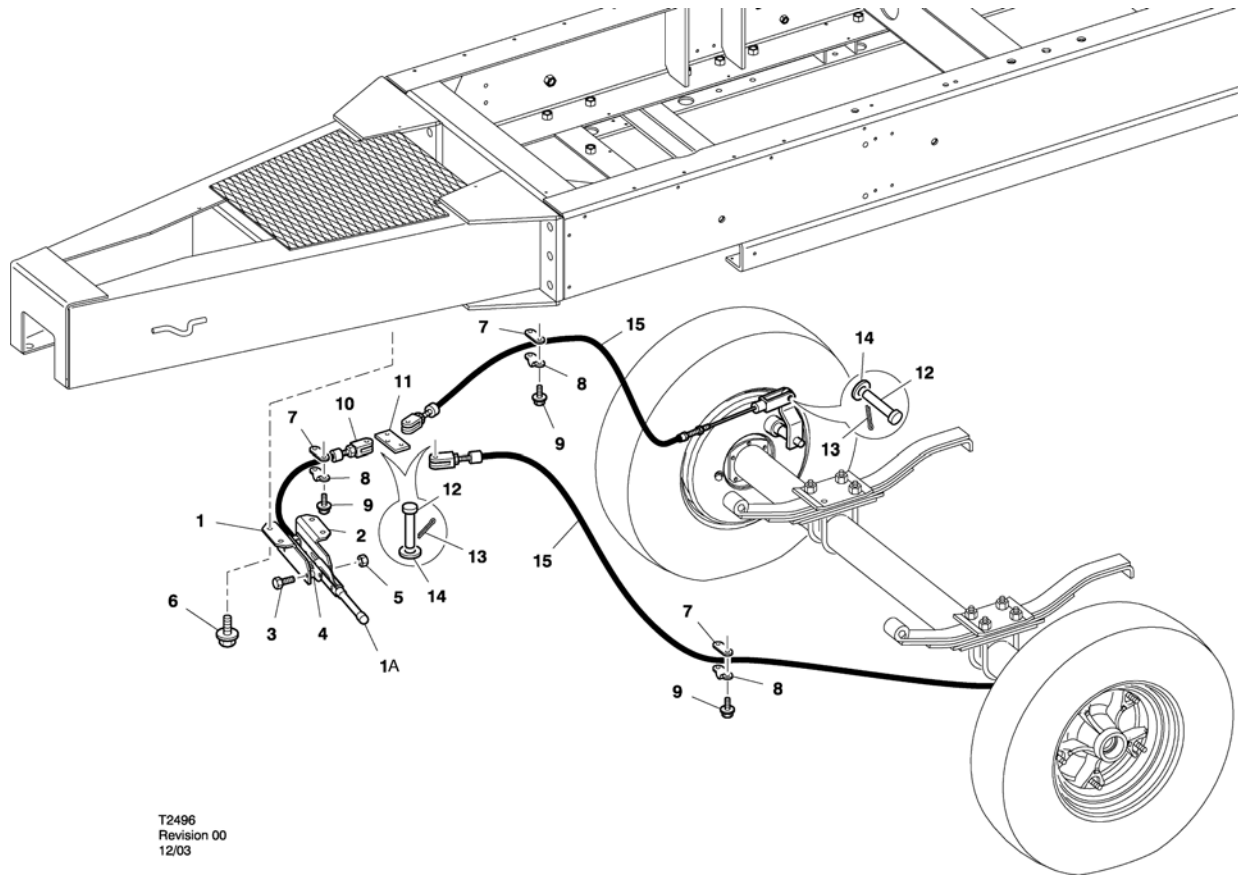
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	22982854	Screw	4	Continued
33	35385251	Wheel Nut	8	
34	35385277	Bearing Cone, Outer	1	
35	35385293	Bearing Cup, Outer	1	
36	35356914	Spindle Washer	1	
37	35315217	Spindle Nut	1	
38	22222483	Cage, Spindle Nut	1	
39	35379395	Grease Cap	1	
40	35379387	Grease Cap Plug	1	
41	22962567	Wheel	4	
42	22320725	Tyre	4	
43-49	36870111	Jack, Extended Leg Assembly	1	Continued.....
43	36870129	Crank	1	
44	36870129	Tube	1	
45	36870053	Tube	1	
46	36870103	Clip	1	
47	36870095	Pin	1	

HSRG (Electric Brakes & Standard Rims)



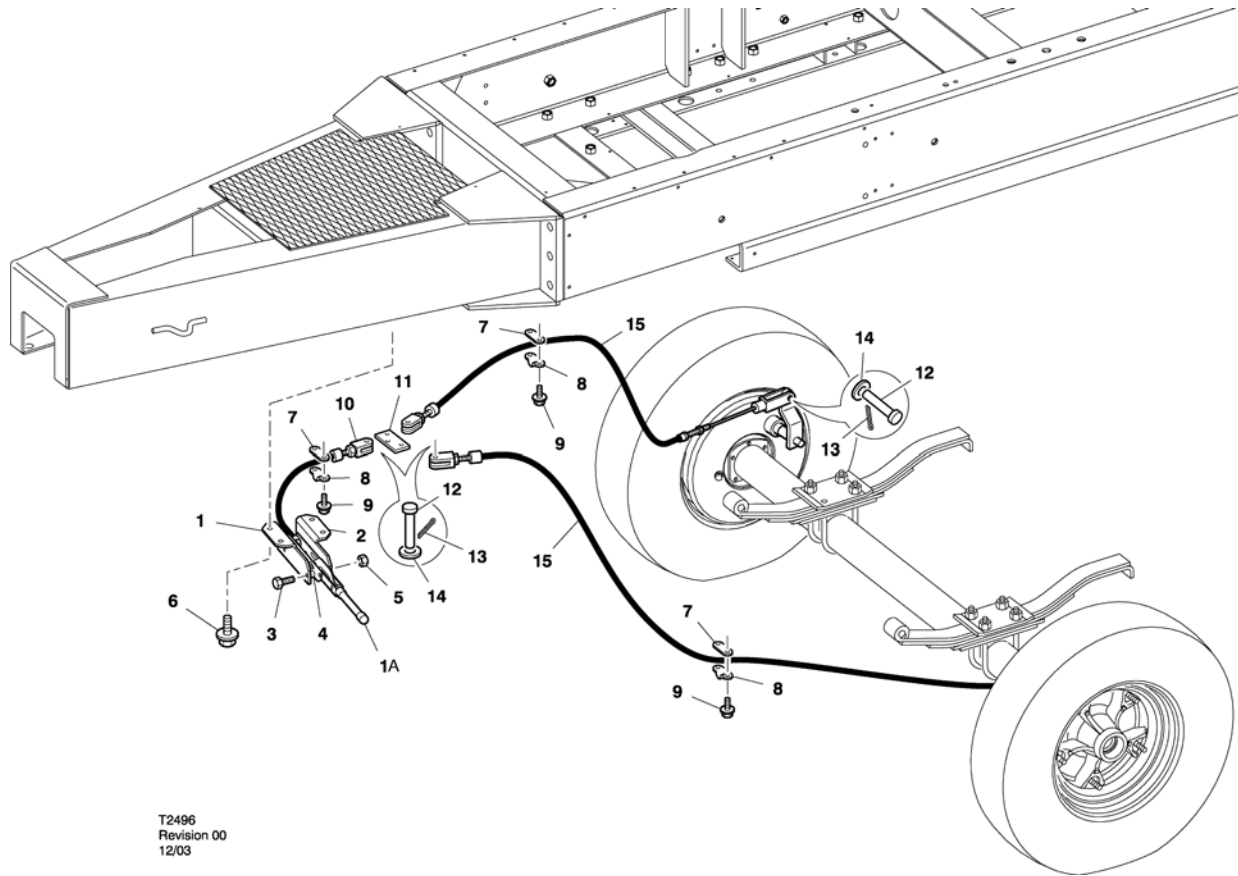
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
48	36870087	Tube	1	Continued
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36742880	Support	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	95934170	Screw	7	
55	35327840	Eye, Lunette	1	
56	35374453	Nut	7	
57	22982854	Axle Assembly	1	

HSRG (Parking Brakes / Demountable or Standard Rims)



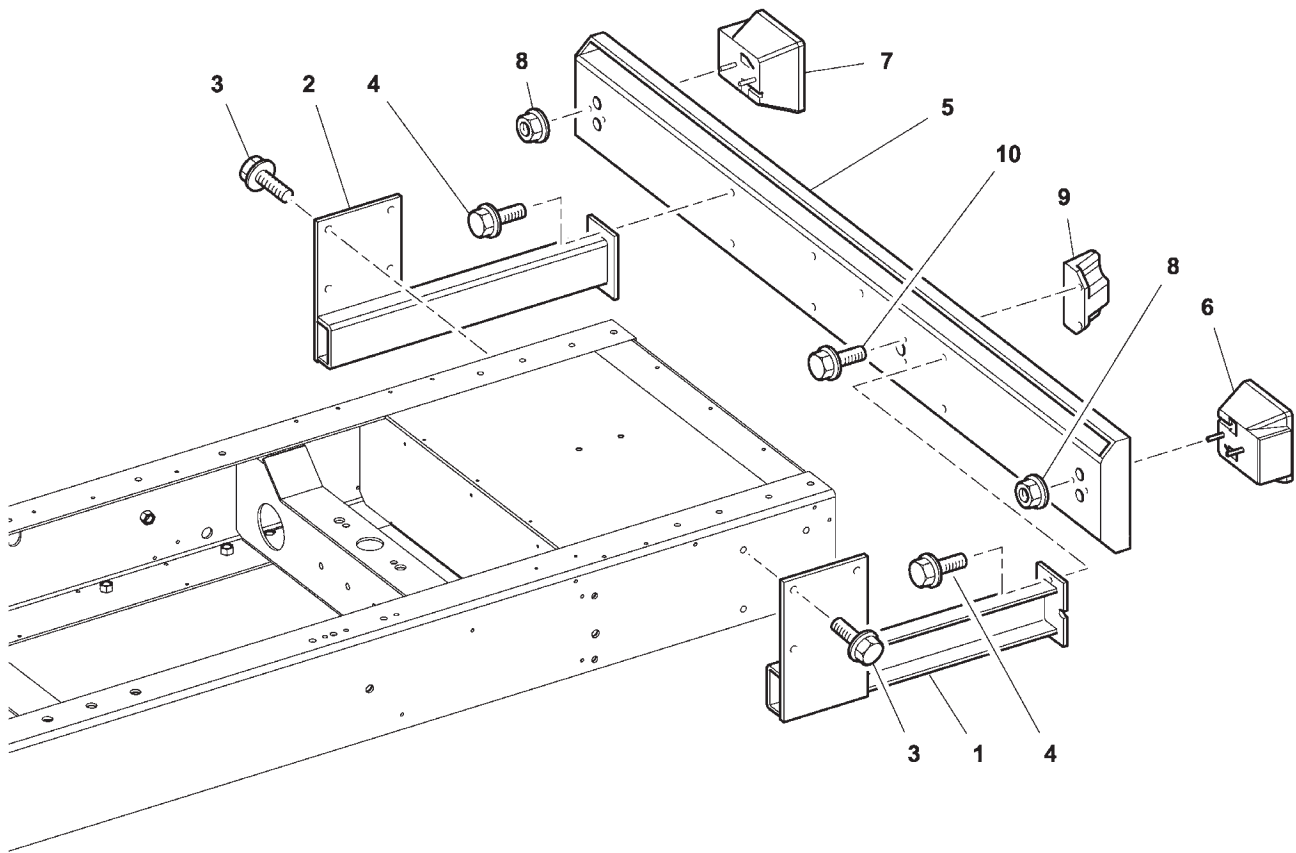
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22215545	Bracket, Parking Brake, Left Hand	1	Continued.....
1A	35859396	Lever, Parking Brake	1	
2	22215552	Bracket, Parking Brake, Right Hand	1	
3	35288422	Screw	2	
4	35358829	Spacer	4	
5	96735543	Nut	2	
6	36880995	Screw	4	
7	35602903	Spacer	3	
8	35602895	Clip	3	
9	35279025	Screw	6	
10	35859404	Cable	1	

HSRG (Parking Brakes / Demountable or Standard Rims)



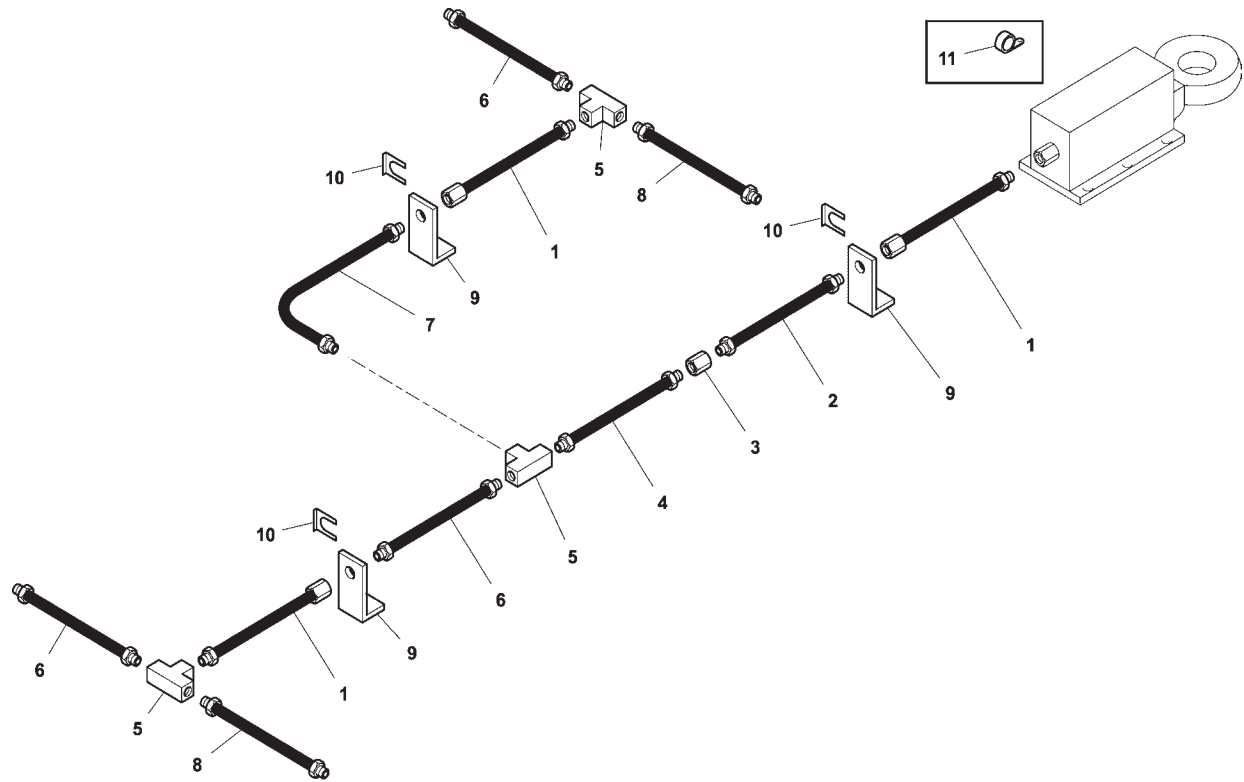
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35602846	Equalizer Bracket	1	 <i>Continued</i>
12	35357151	Pin	5	
13	95928867	Cotter	5	
14	95934998	Washer	5	
15	22349914	Cable, HSRG with Electric Brake	2	
*15	22215057	Cable - Not Illustrated HSRG with Hydraulic Brake. Hydraulic Parking Brake Cable does not require items 13,14 and 15	2	

High Speed Running Gear (Rear Bumper With Lights)



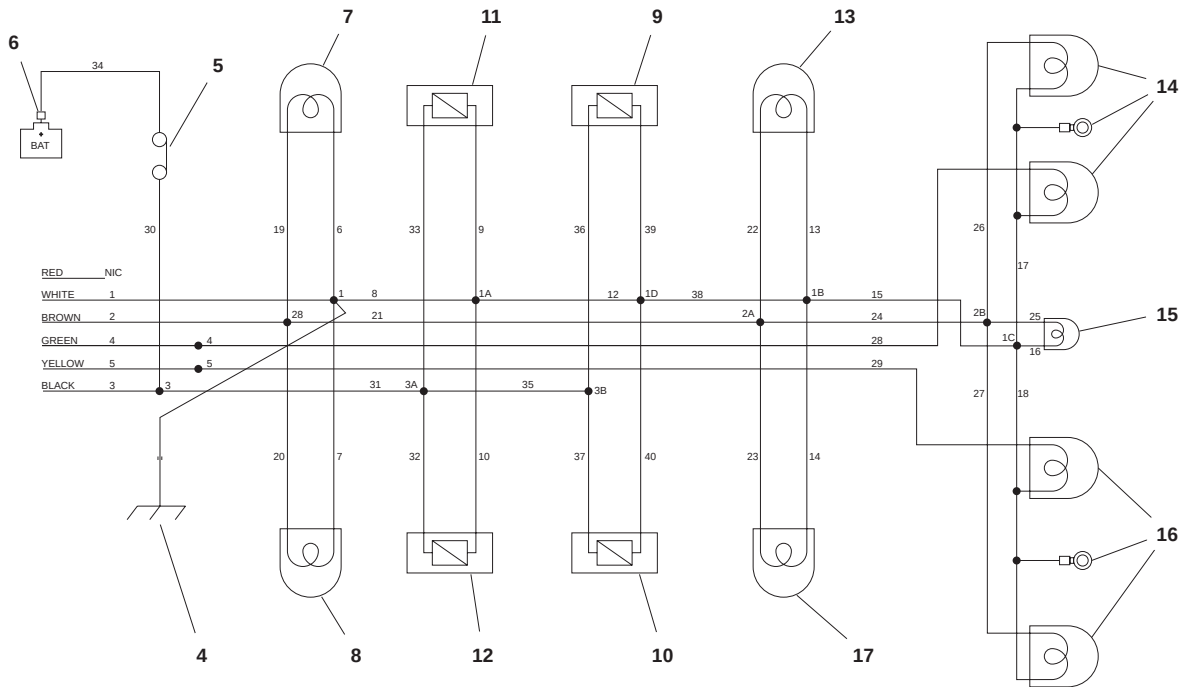
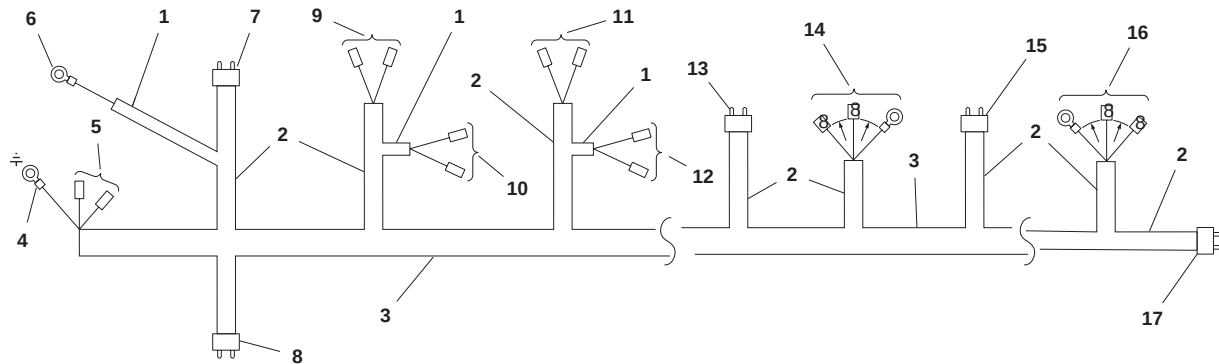
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22189492	Bracket, Left Hand	1	6 MM
2	22189500	Bracket, Right Hand	1	
3	36877793	Screw	8	
4	36879492	Screw	4	
5	22207997	Bar, Bumper	1	
6	54671557	Light, Left Hand	1	
7	54671557	Light, Right Hand	1	
8	85507911	Nut	4	
9	36895860	Light	1	
10	36782837	Screw	2	

High Speed Running Gear (Hydraulic Brake)



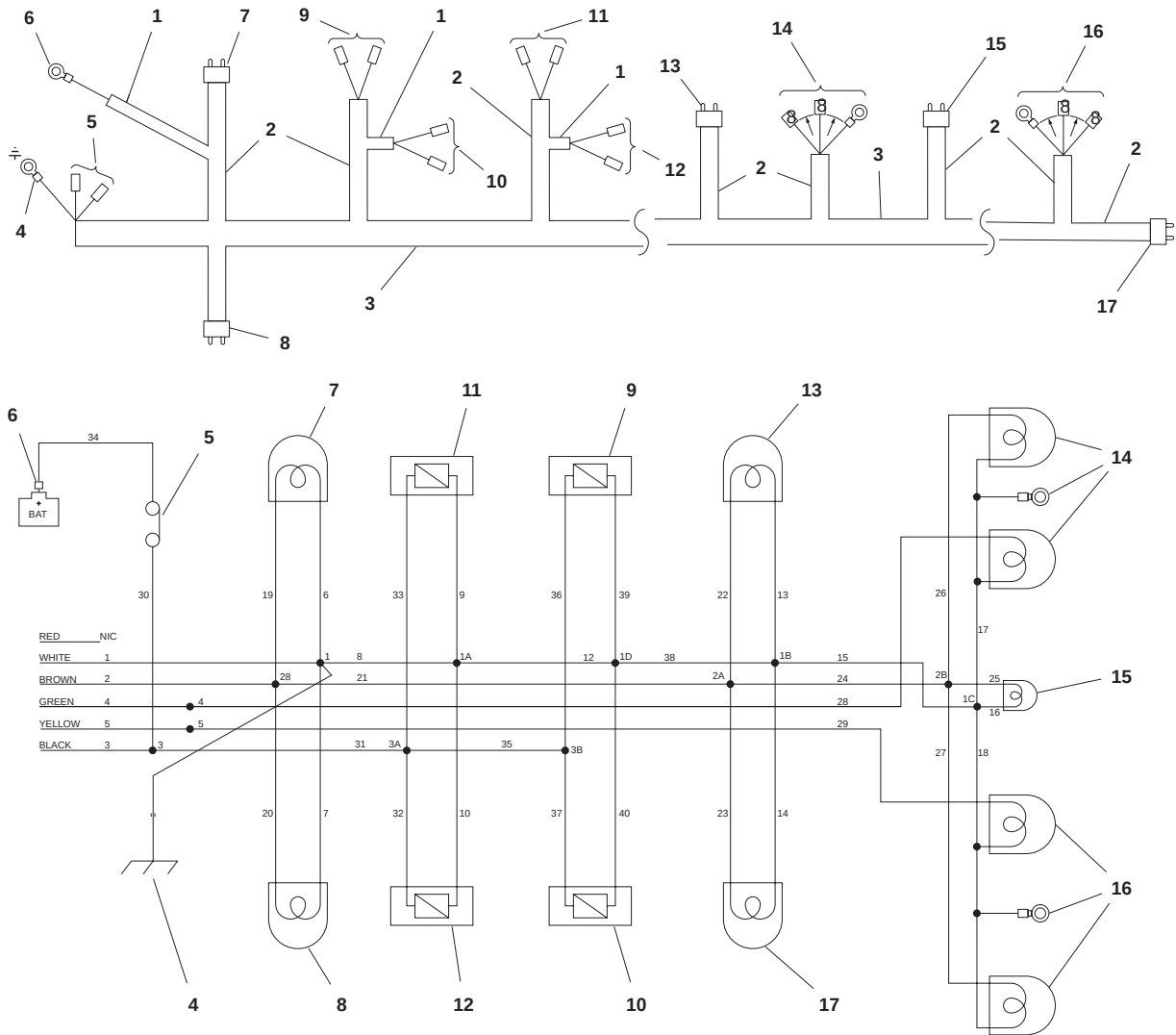
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356369	Hose	3	
2	36894699	Tube	1	
3	35356336	Connector	1	
4	36867281	Tube	1	
5	35356328	Tee	3	
6	36894673	Tube	3	
7	36881290	Tube	1	
8	35336419	Tube	2	
9	35356310	Bracket	3	
10	35356302	Clip, Hose	3	
11	37001252	Clip, Tube	3	

High Speed Running Gear (Brake and Lighting Electrical)



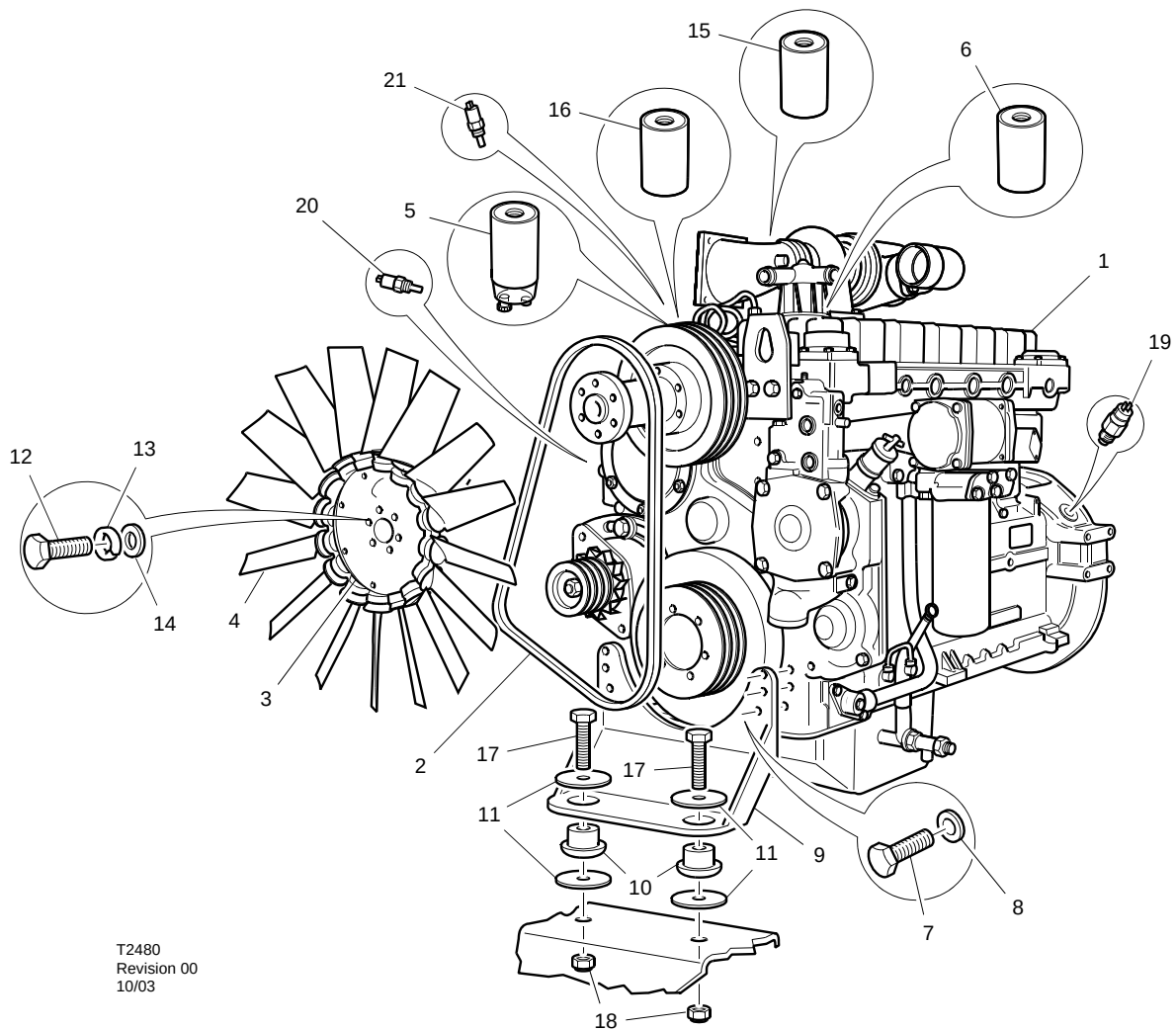
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-3	22306633	Harness	1	
1	N.S.S	Conduit	1	13 MM
2	N.S.S	Conduit	1	9 MM
3	N.S.S	Conduit	1	6 MM
4	--	Ground Point Connection	1	
5	35315944	Switch, Breakaway	1	
6	--	Battery Connection	1	
7	35367051	Light, Side, Right Hand, Front	1	
7a	36893634	Grommet	1	
8	35367051	Light, Side, Left Hand, Front	1	
8a	36893634	Grommet	1	
9	--	Brake A, Right Hand	1	
10	--	Brake A, Left Hand	1	Continued.....

High Speed Running Gear (Brake and Lighting Electrical)



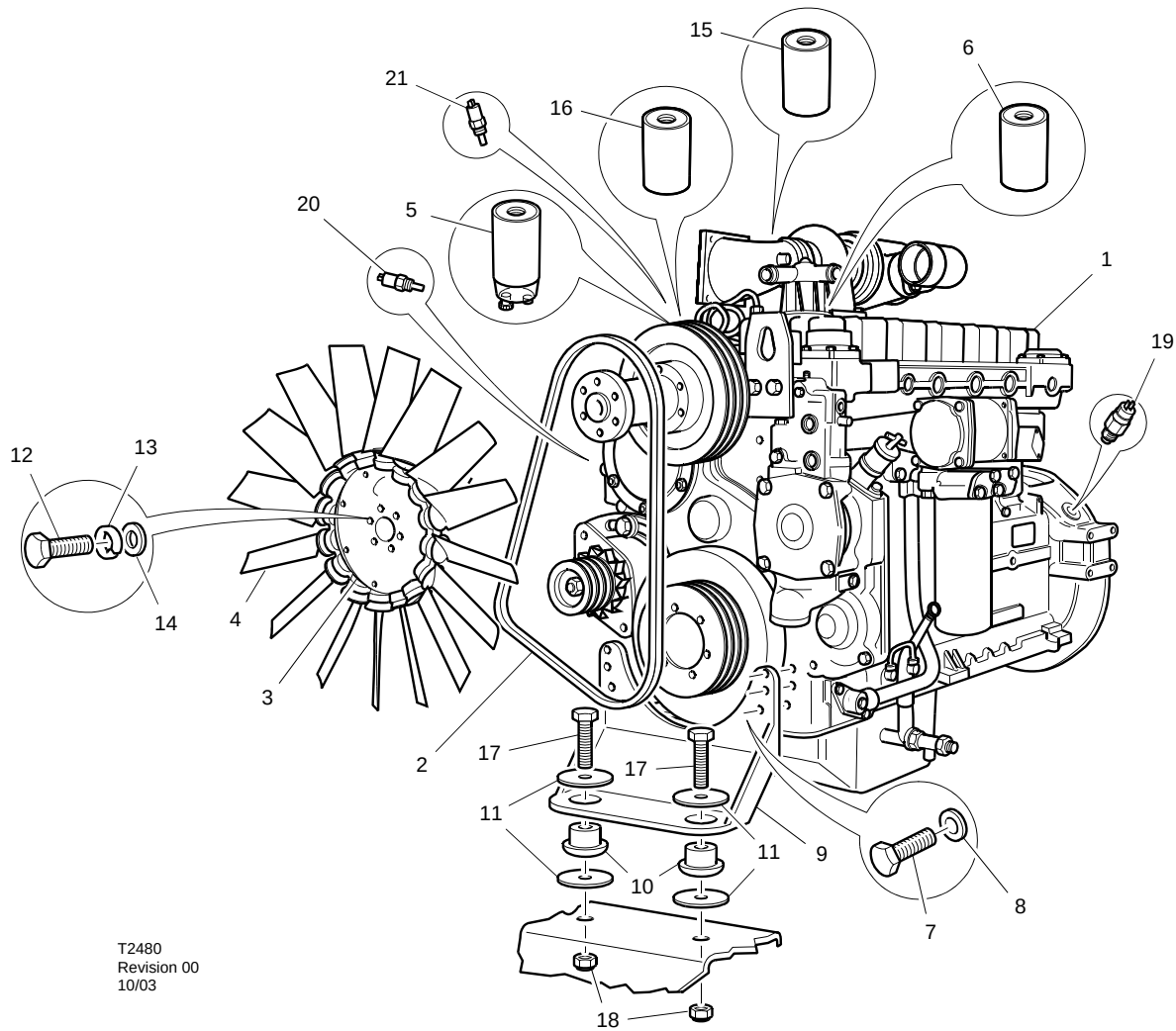
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	--	Brake B, Right Hand	1	Continued
12	--	Brake B, Left Hand	1	
13	35367044	Light, Side, Right Hand, Rear	1	
13a	36893634	Grommet	1	
14	54691557	Light, Rear, Right Hand	1	
15	36895860	Light, License Plate	1	
16	54671557	Light, Rear, Left Hand	1	
17	35367044	Light, Side, Rear, Left Hand	1	
17a	36893634	Grommet	1	

Engine Assembly - Caterpillar C-9



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22676431	Engine CAT 300hp (VHP-750)	1	Continued.....
	22575781	Engine CAT 350hp (XHP-750)	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	

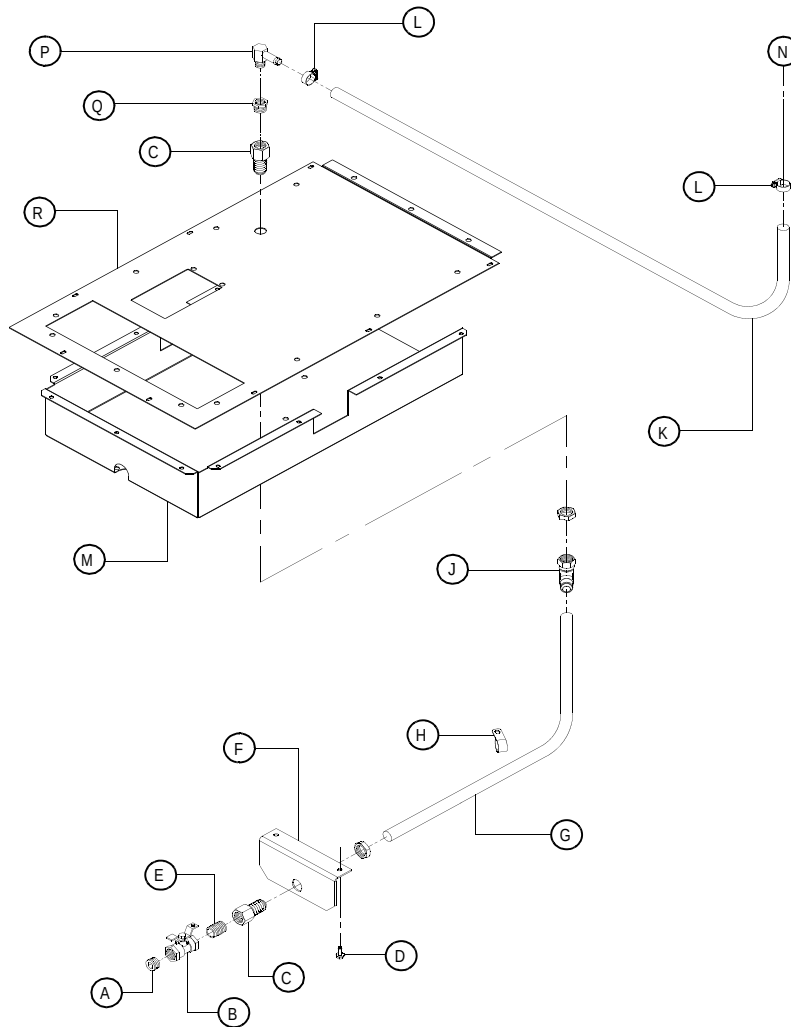
Engine Assembly - Caterpillar C-9



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Revision 00
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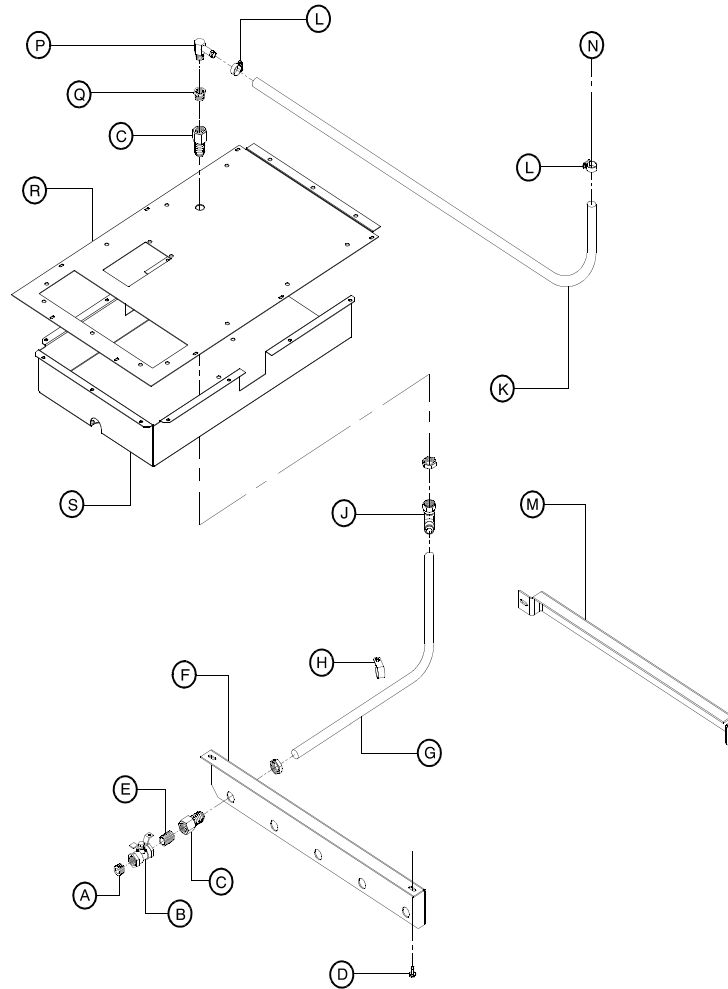
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	22351654	Element, Collant Condition	1	Continued
16	35362235	Filter, Oil	1	
17	92311703	Screw	1	
18	92311695	Locknut	1	
19	36785319	Pickup, Mag Speed	1	
20	36870608	Sending Unit, Engine Oil Pressure Gage	1	
21	36841138	Sending Unit, Engine Coolant Temperature	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	

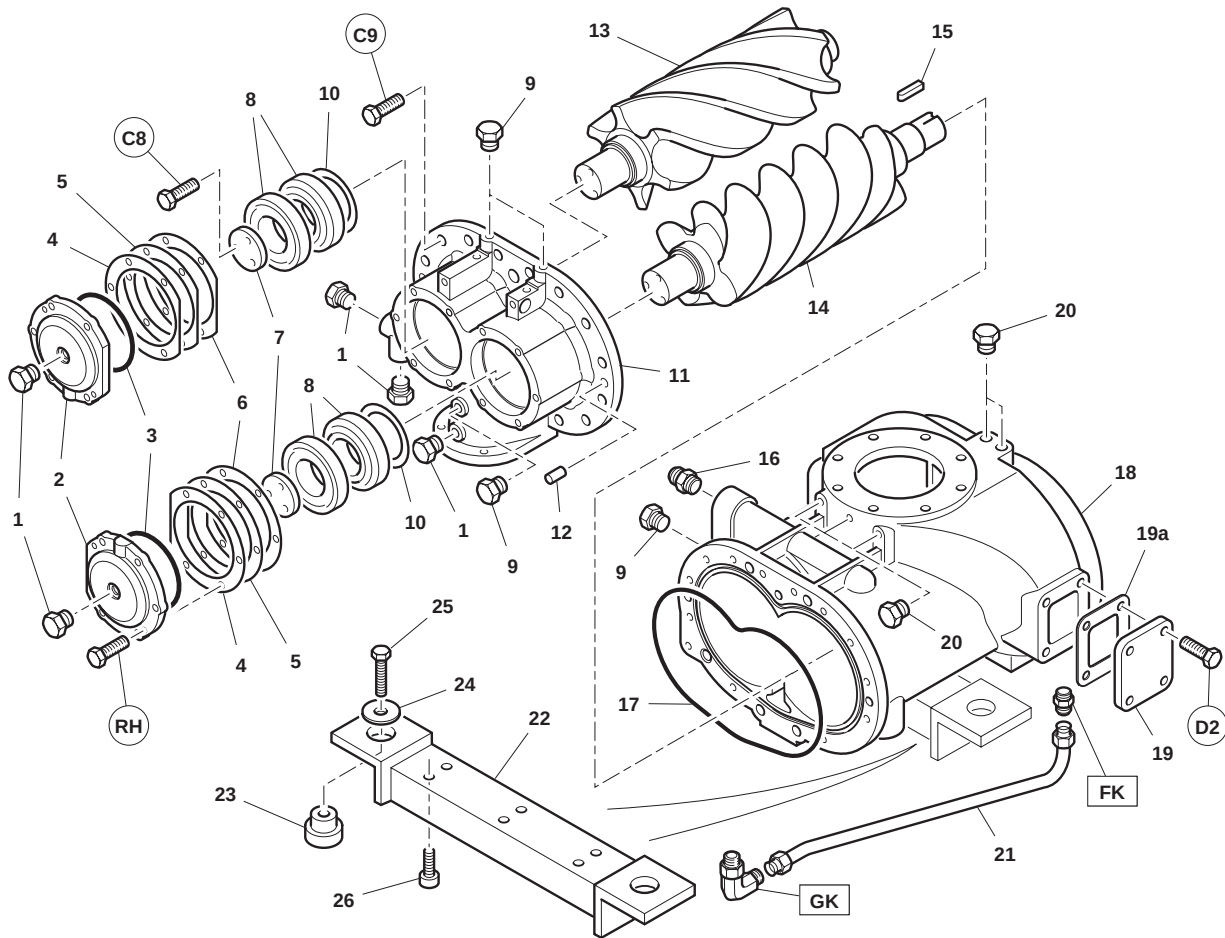
Engine Oil Drain (High Speed Running Gear)



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	22701767	Bracket	1	
G	35323807	Hose assembly	1	
H	35114081	Clamp	2	
J	35301506	Elbow	1	
K	35326578	Hose (12 inches)	1	
L	95220844	Clamp	1	
M	22707251	Bracket, Clamp	1	
N		To Engine Oil Drain		
P	35366665	Elbow	1	
Q	95953949	Bushing	1	
R	22132898	Pan, Belly	1	
S	22441927	Box, Air	1	

Airend Assembly - 226mm

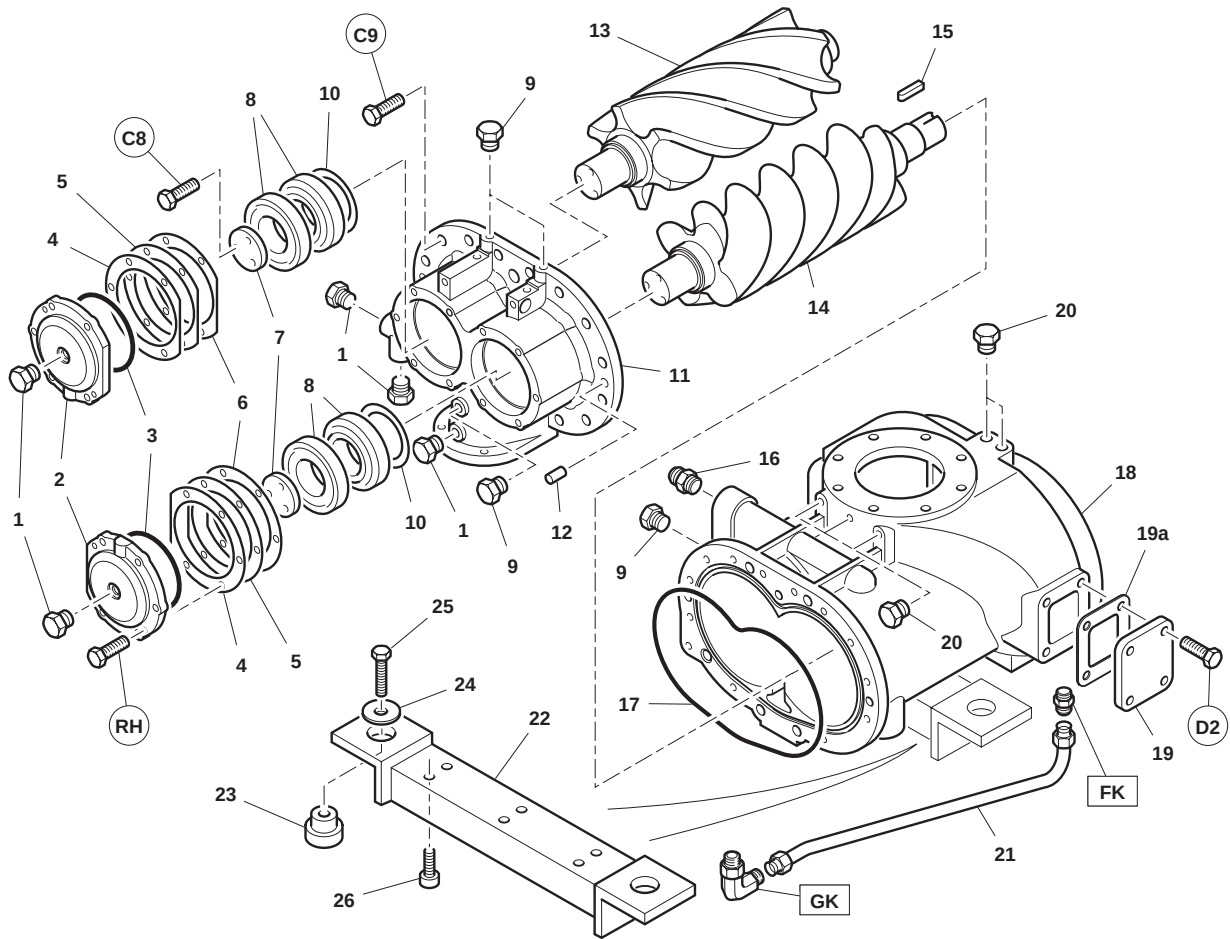
VHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-20	42437525	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

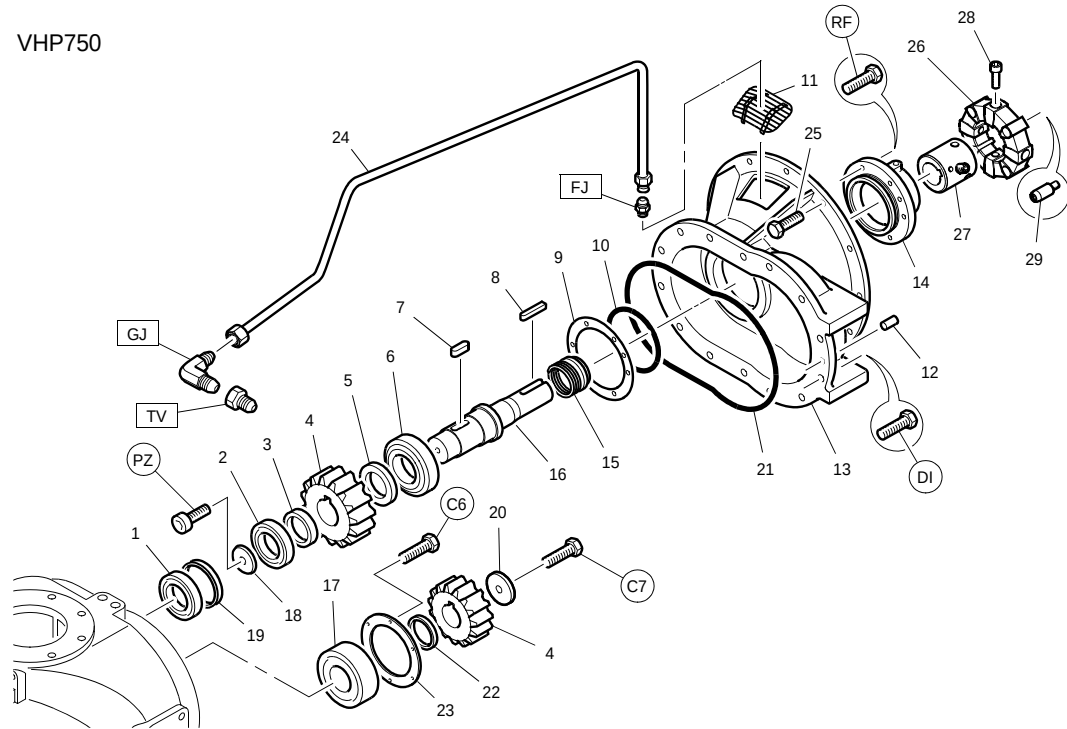
VHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13-14	36005031	Rotor Set	1	Continued
15	35361310	Key	1	
16	89209717	Connector	1	
17	39253984	O-Ring	1	
18	39889720	Housing	1	
19	39326756	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

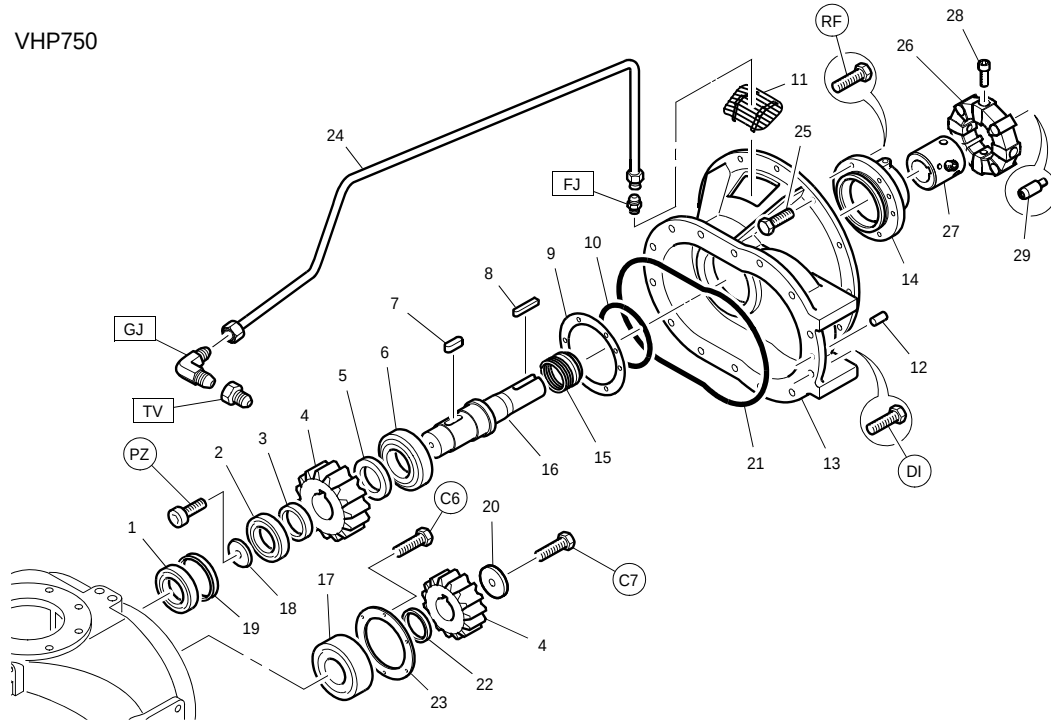


Model	Gear set	Airend complete including gears
VHP750	35334853	42437582

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35313568	Bearing	1	
2	36854925	Bearing	1	
3	36851618	Spacer	1	
4	--	Gear-Set (Refer to Table)		
5	36846418	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

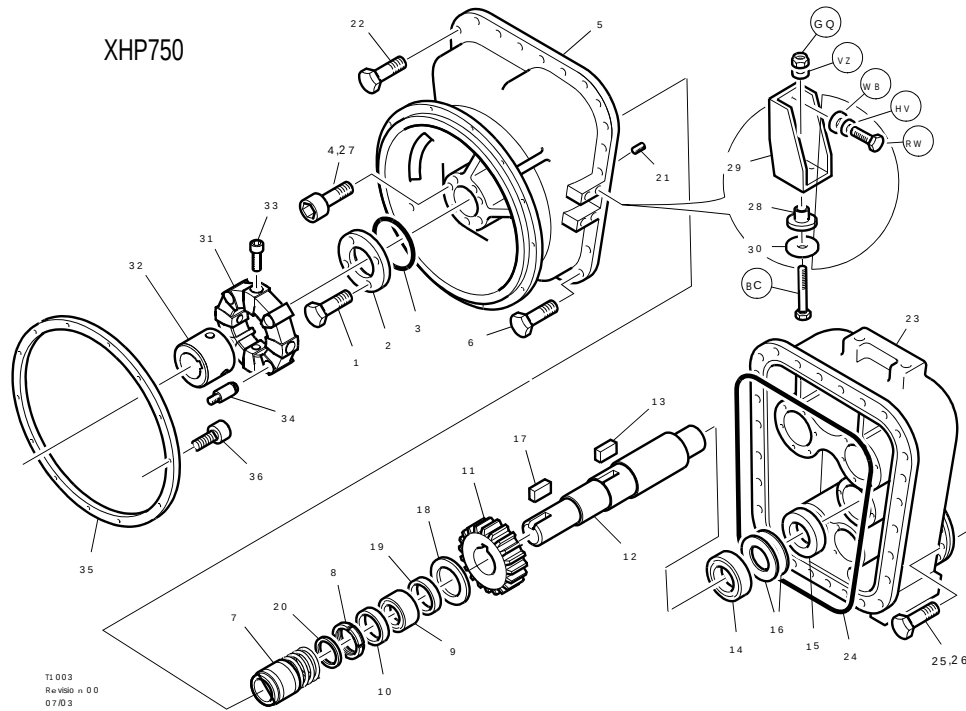
VHP750



Model	Gear set	Airend complete including gears
VHP750	35334853	42437582

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	36846400	Shaft	1	 <i>Continued</i>
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	

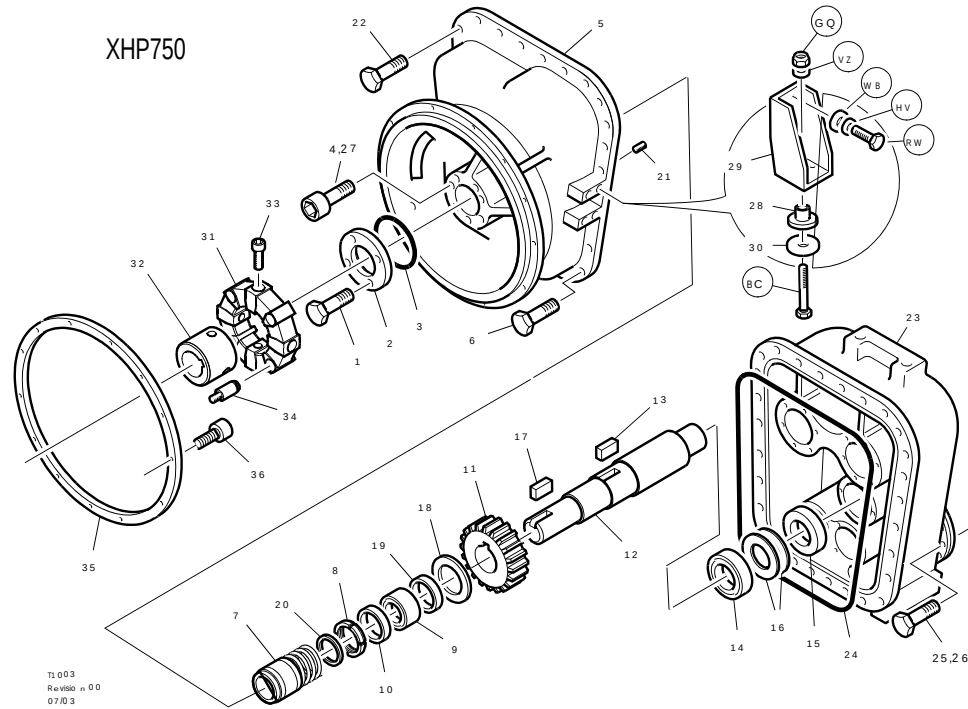
Airend Assembly - HR-2



MODEL	GEAR SET	AIREND COMPLETE INCLUDING GEARS
XHP750	36763183	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

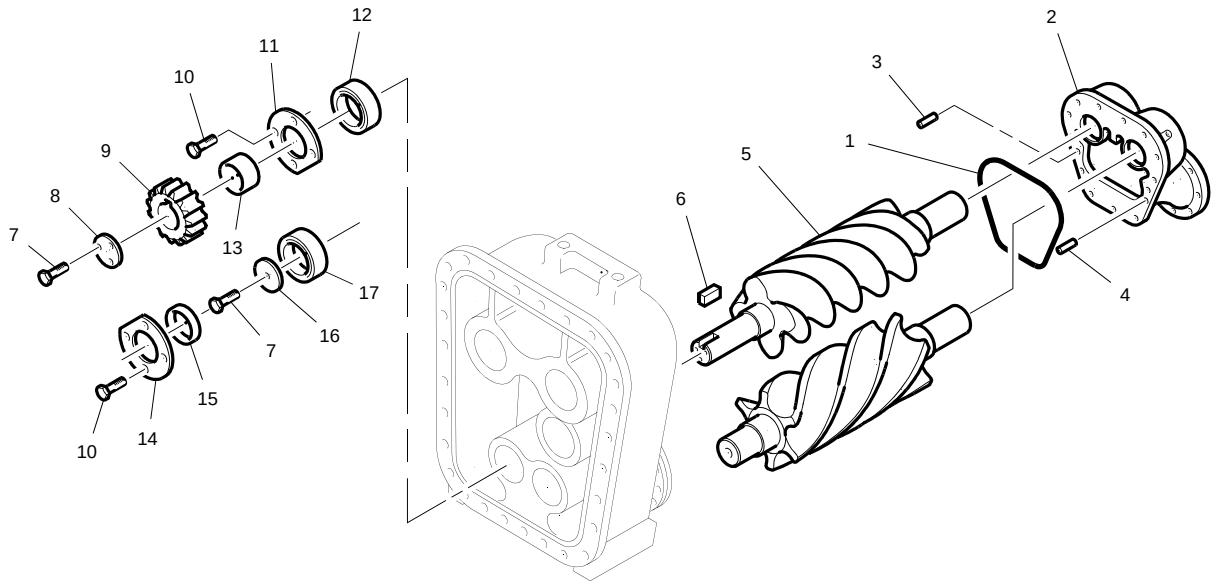


MODEL	GEAR SET	AIREND COMPLETE INCLUDING GEARS
XHP750	36763183	35096205

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	22362941	Hub	1	
33	92041466	Bolt	4	
31-33	22362933	Coupling Assembly	1	
34	92041458	Pin	4	
35	22065973	Plate, Adapter	1	
36	36880995	Screw	12	

Airend Assembly - HR-2

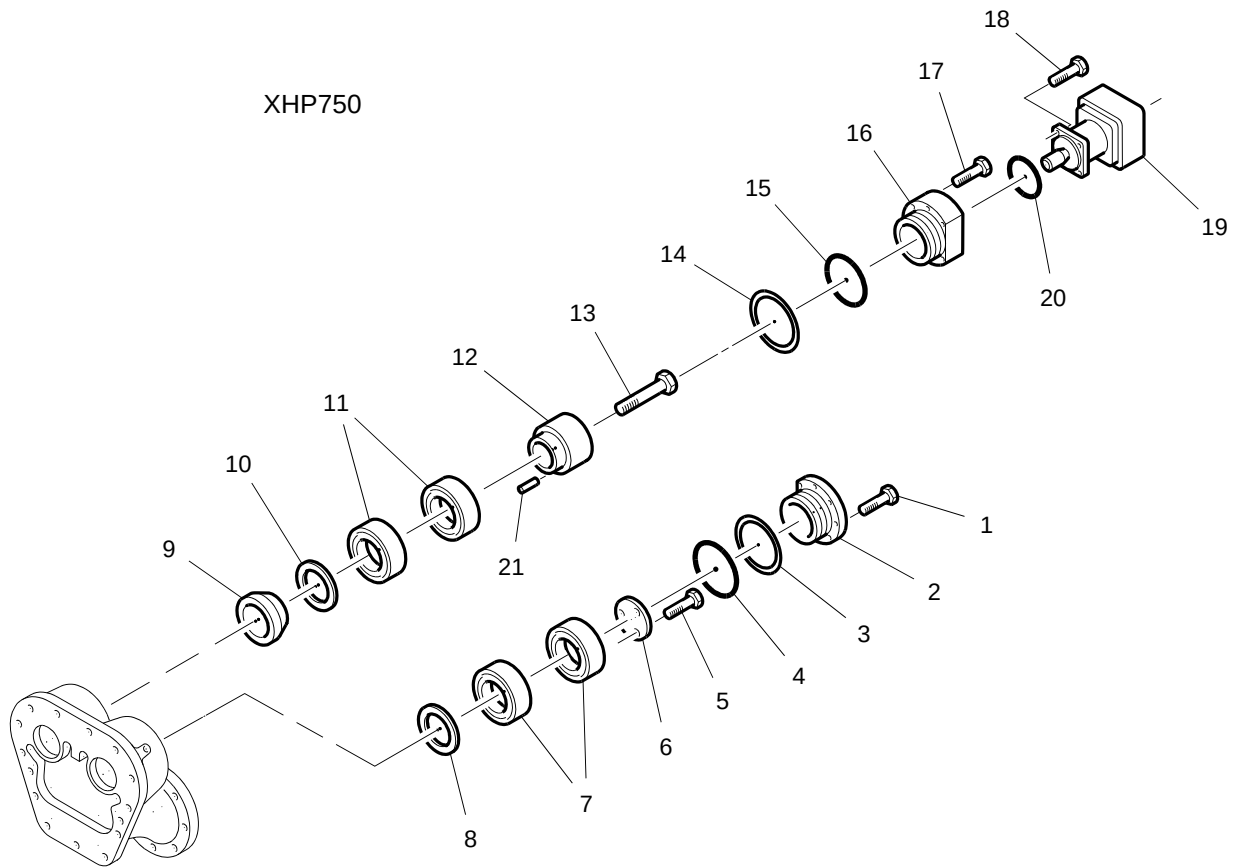
XHP750



Model	Airend complete including gears	Gear set
XHP750	35096205	36763183

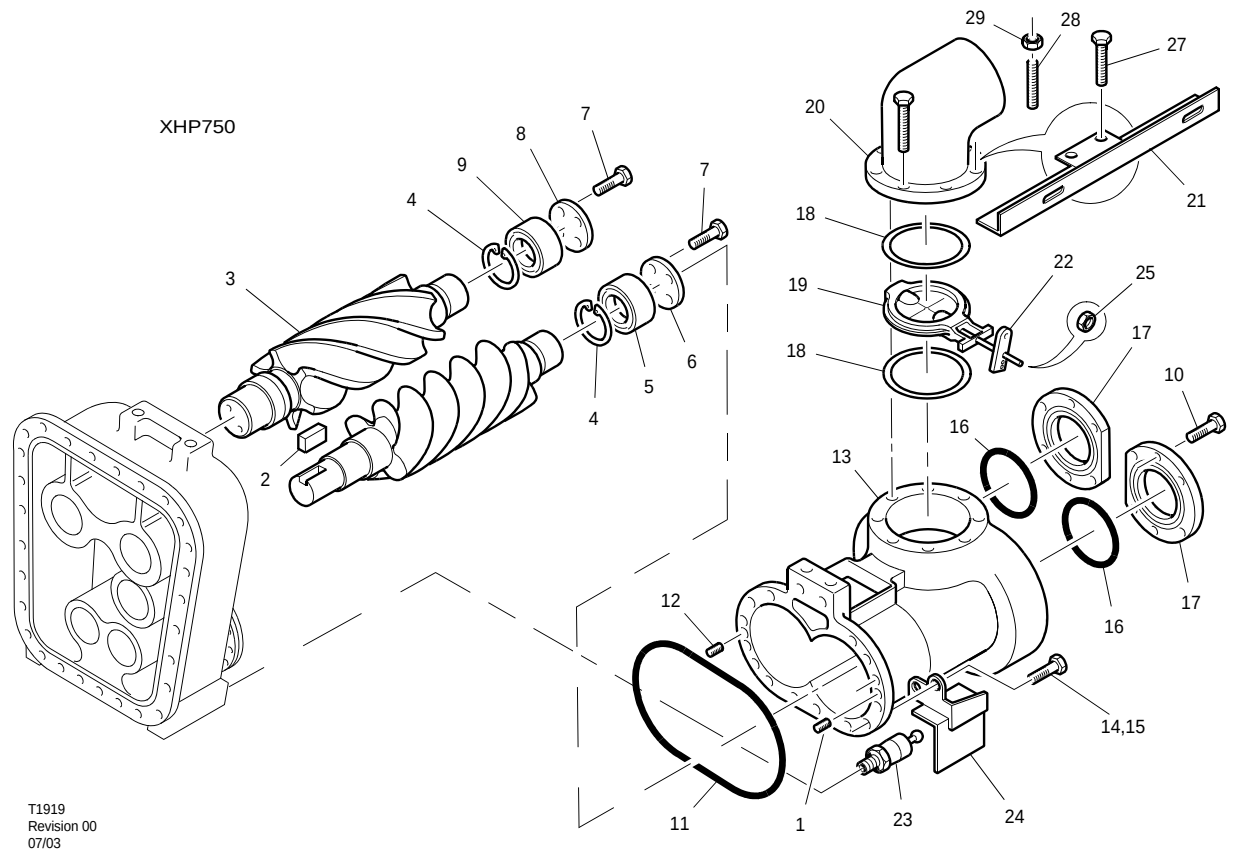
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35355791	O-Ring	1	Continued
2	36738128	Housing	1	
3	35336122	Dowel	1	
4	35336130	Dowel	1	
5	36006732	Rotor Set	1	
6	35355817	Key	1	
7	35311463	Bolt	4	
8	35300193	Plate	1	
9		Gear-Set (Refer to table)		
10	35273408	Bolt	8	
11	35355965	Plate, Retaining	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



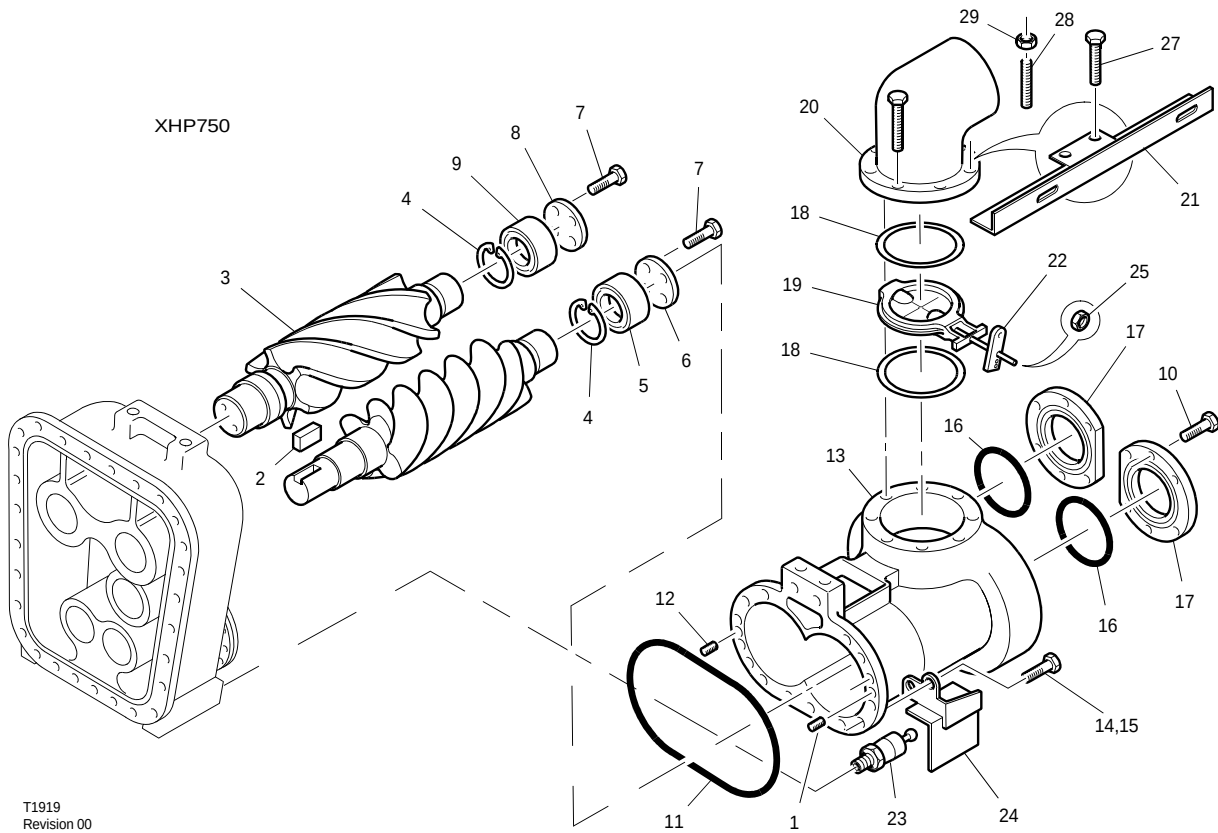
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35271188	Bolt	1	
2	35856350	Cover	1	
3	35355924	Shim Set	1	
4	95026290	O-Ring	1	
5	35311463	Bolt	1	
6	35355957	Plate	1	
7	35600113	Bearing	2	
8	35355874	Shim Set	1	
9	35355940	Piston	1	
10	35355874	Shim Set	1	
11	35600113	Bearing	2	
12	35864644	Coupling	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



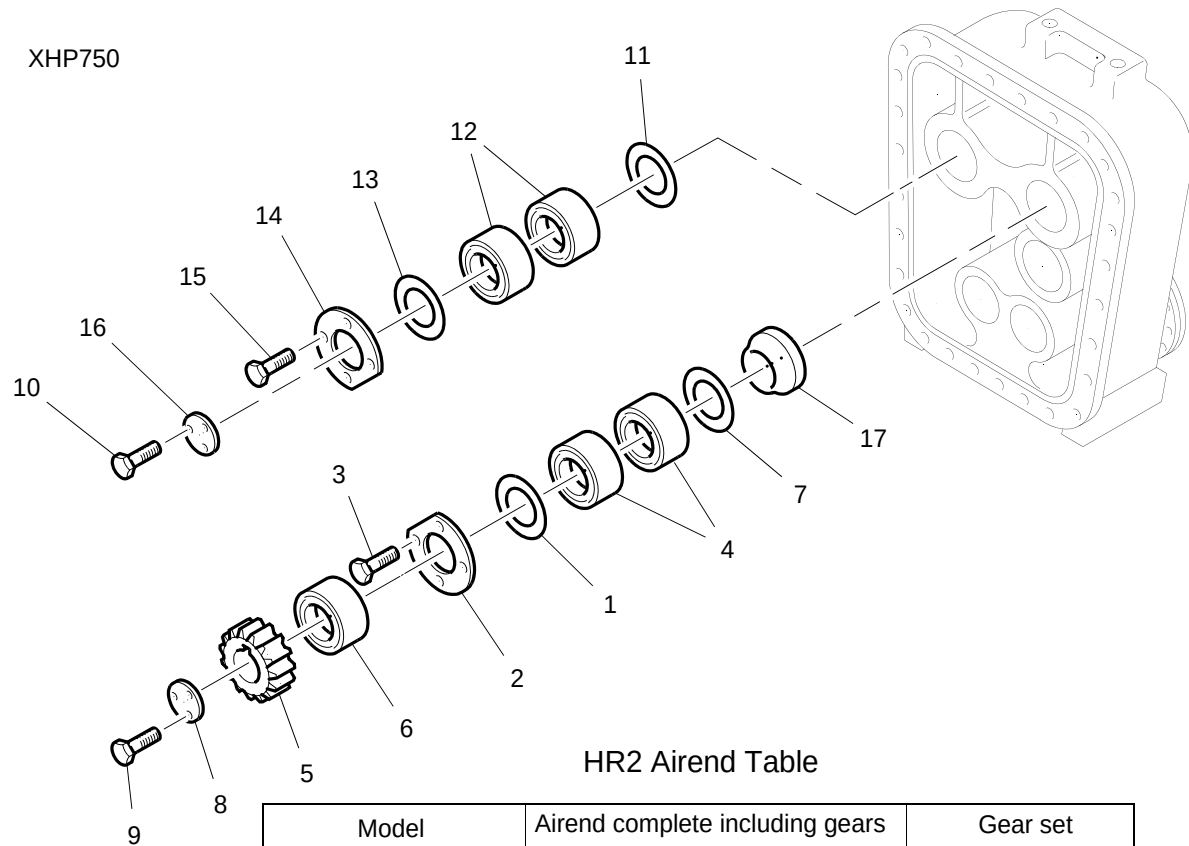
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35336122	Dowel	1	
2	35355817	Key	1	
3	35082114	Rotor Set	1	
4	95223178	Circlip	2	
5	35600030	Bearing	1	
6	35300193	Plate	1	
7	35311463	Bolt	8	
8	35300193	Plate	1	
9	35600022	Bearing	1	
10	35366251	Bolt	12	
11	35355783	O-Ring	1	
12	35336130	Dowel	1	
13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

Airend Assembly - HR-2



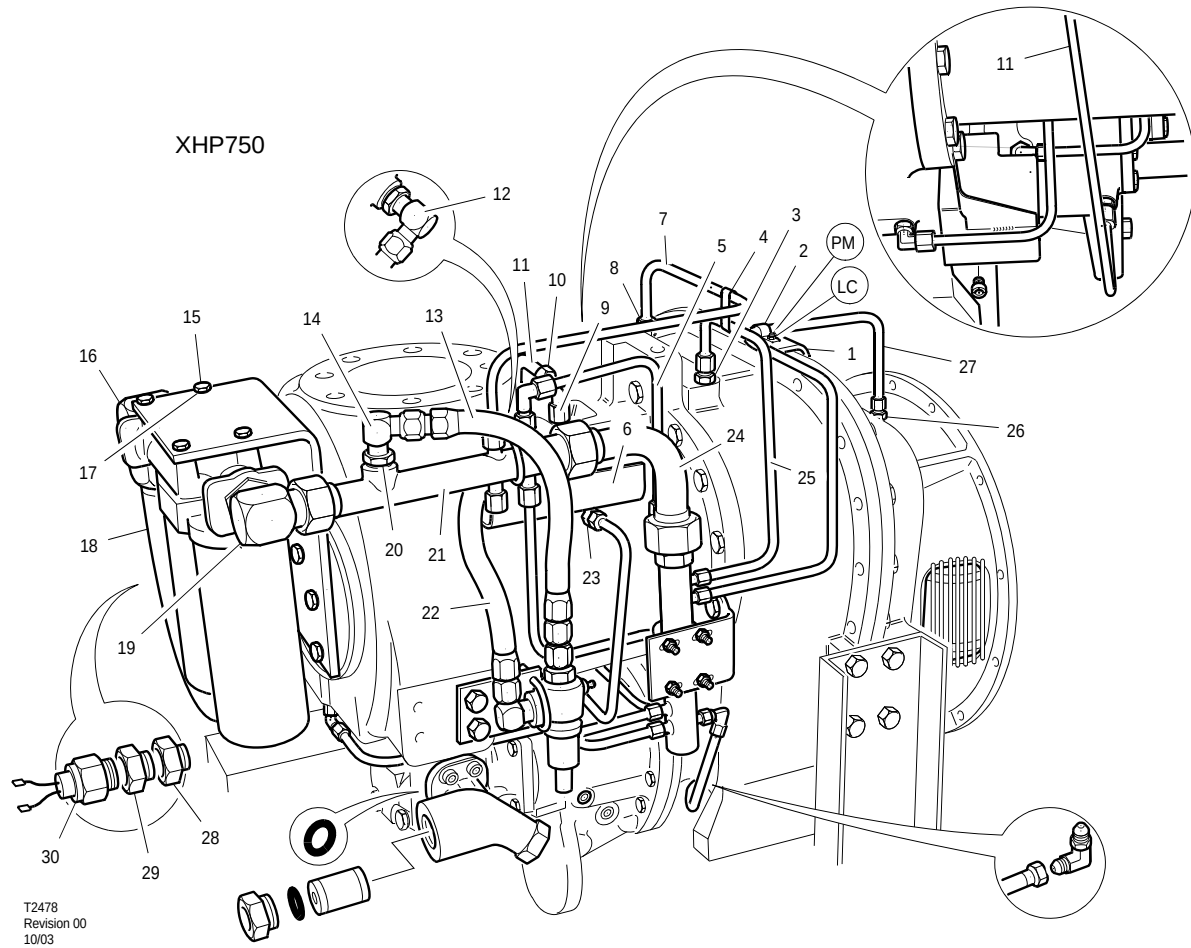
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	35355502	O-Ring	2	Continued
17	35331883	Plate	2	
18	95214524	Gasket	2	
19	35285626	Valve	1	
20	22075295	Flange	1	
21	89201768	Bracket	1	
22	89252126	Lever	1	
23	36845030	Valve, Safety	1	
24	36845048	Cover	1	
25	92421353	Nut	1	
26	92764372	Screw	6	
27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

Airend Assembly - HR-2



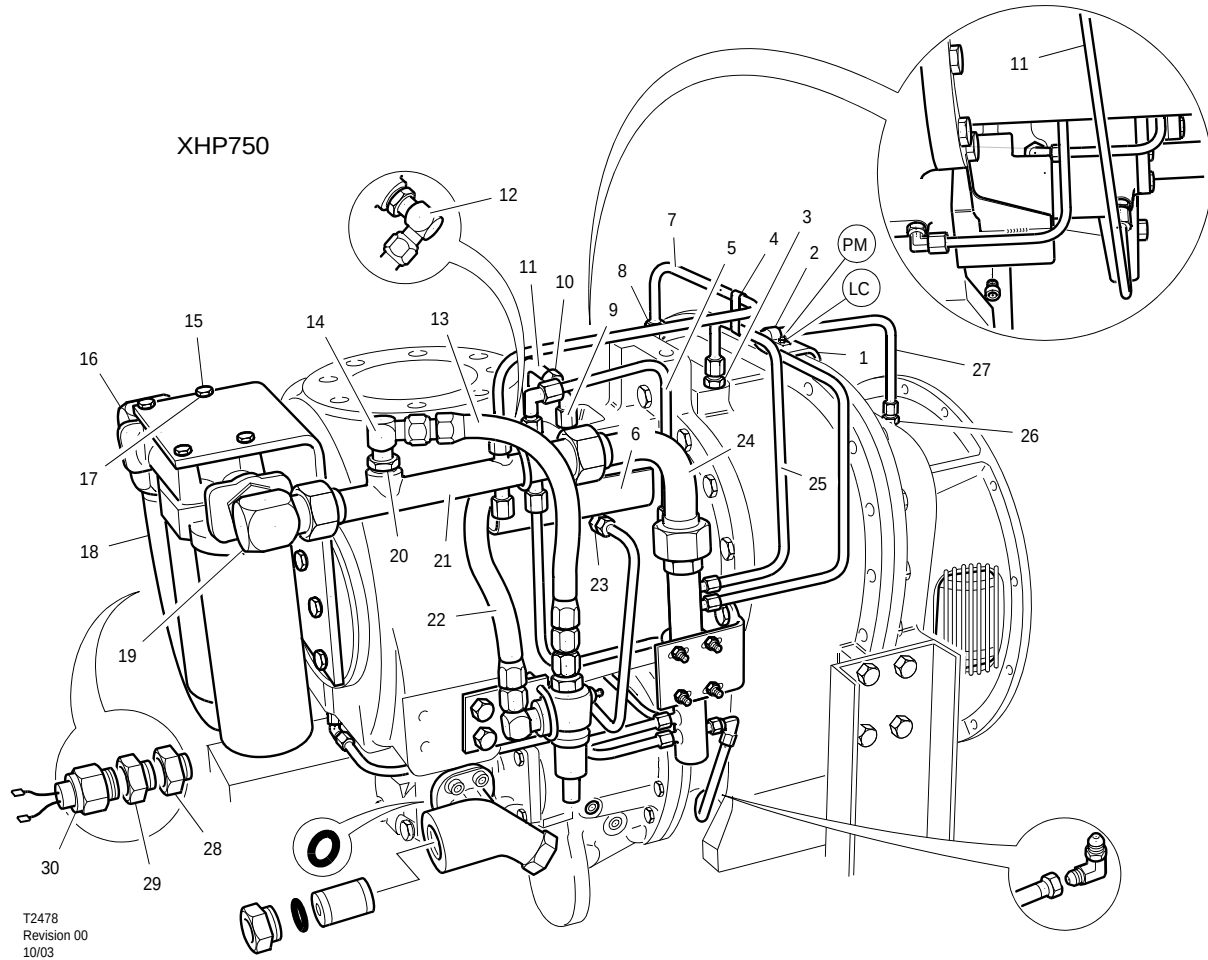
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35355767	Shim Set	1	
2	36501013	Plate	1	
3	35271154	Bolt	6	
4	35605203	Bearing	2	
5		Gear-Set (Refer to Table)		
6	35355841	Spacer	1	
7	35355825	Shim Set	1	
8	35355858	Plate	1	
9	36763704	Bolt	3	
10	35311463	Bolt	3	
11	35355833	Shim Set	1	
12	35600105	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



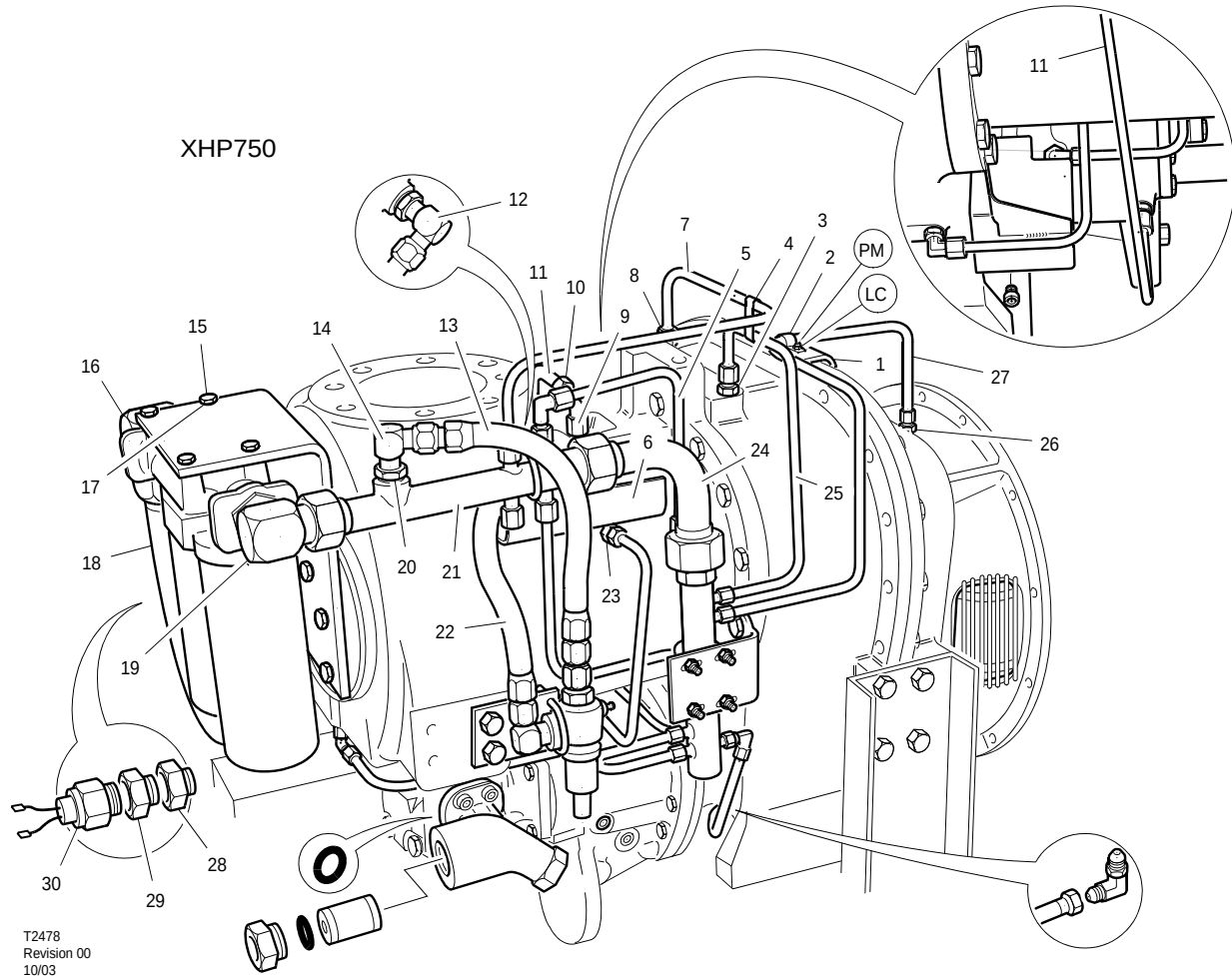
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35863885	Bracket	1	Continued.....
2	35253038	Clamp	1	
3	35364991	Connector	1	
4	35253038	Clamp	2	
5	36743797	Tube Assembly	1	
6	36746626	Bracket	1	
7	36850584	Tube Assembly	1	
8	35287895	Connector	1	
9	35294156	Connector	1	
10	35287911	Elbow	1	
11	36743896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

Airend Pipework



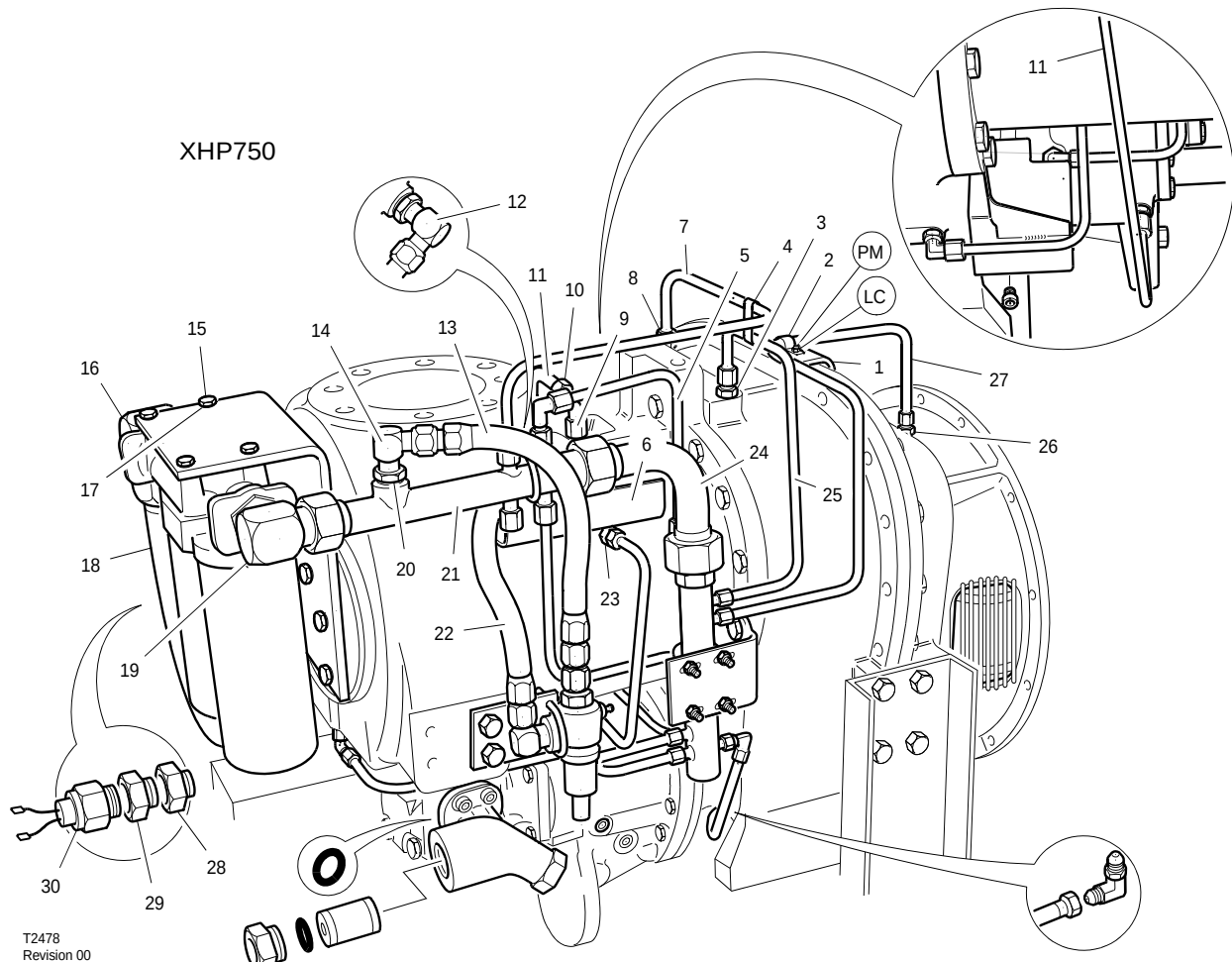
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	95431292	Elbow	1	Continued
17	92304617	Washer	4	
18	36758357	Tube Assembly	1	
19	95431292	Elbow	1	
20	95038048	Bush, Reducing	1	
21	36743722	Tube Assembly	1	
22	35294677	Hose Assembly	1	
23	35288166	Connector	1	
24	35861137	Elbow	1	
25	36743870	Tube 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	
				Continued.....

Airend Pipework



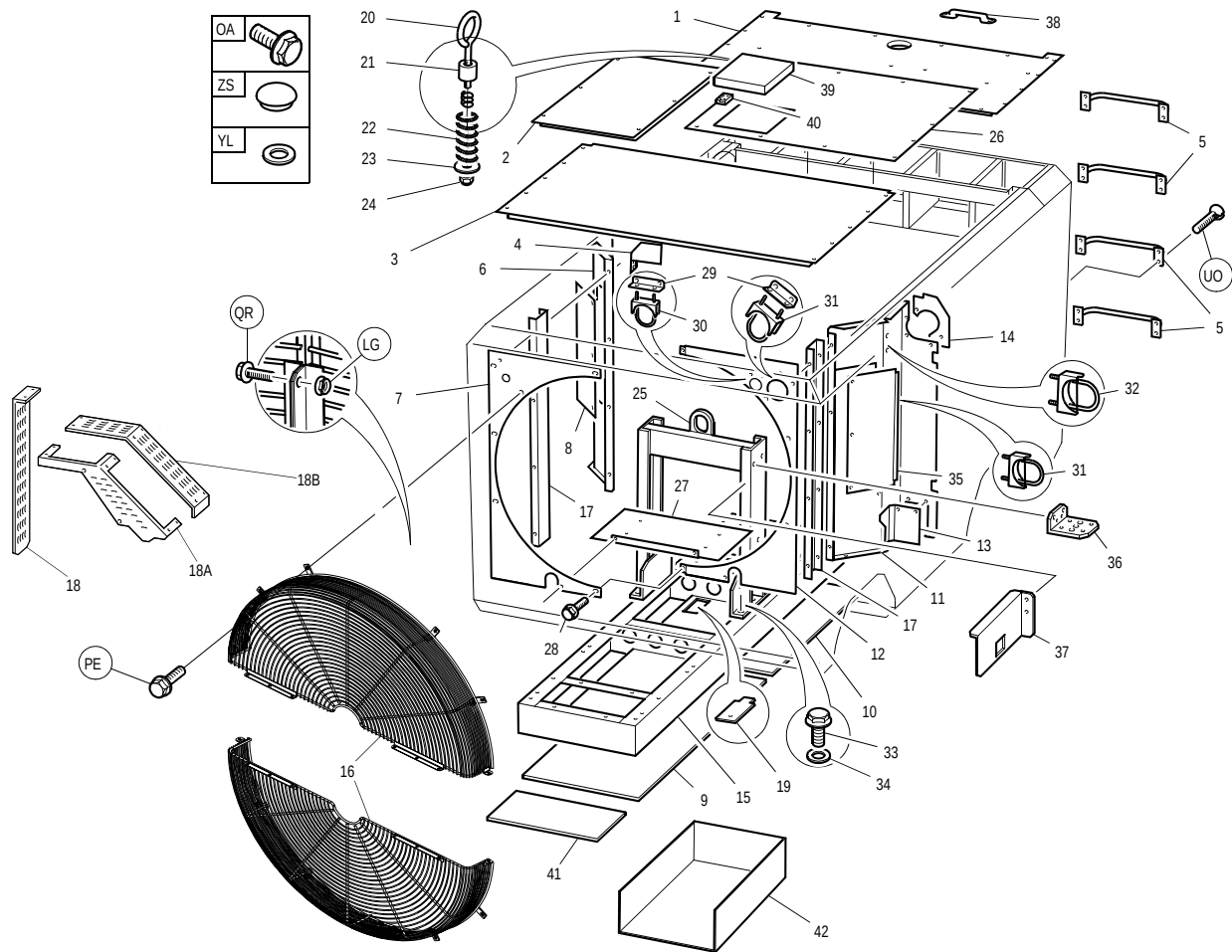
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35606490	Elbow	1	
32	36846517	Bracket	1	
33	36506756	U-Bolt	1	
34	35309715	Screw	2	
35	35294735	Elbow	1	
36	95293320	Connector	1	
37	36743805	Tube Assembly	1	
38	35092279	Filter Assembly	1	
39	36846707	Valve, Safety	1	
40	35287556	Plug	1	
41	36743912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



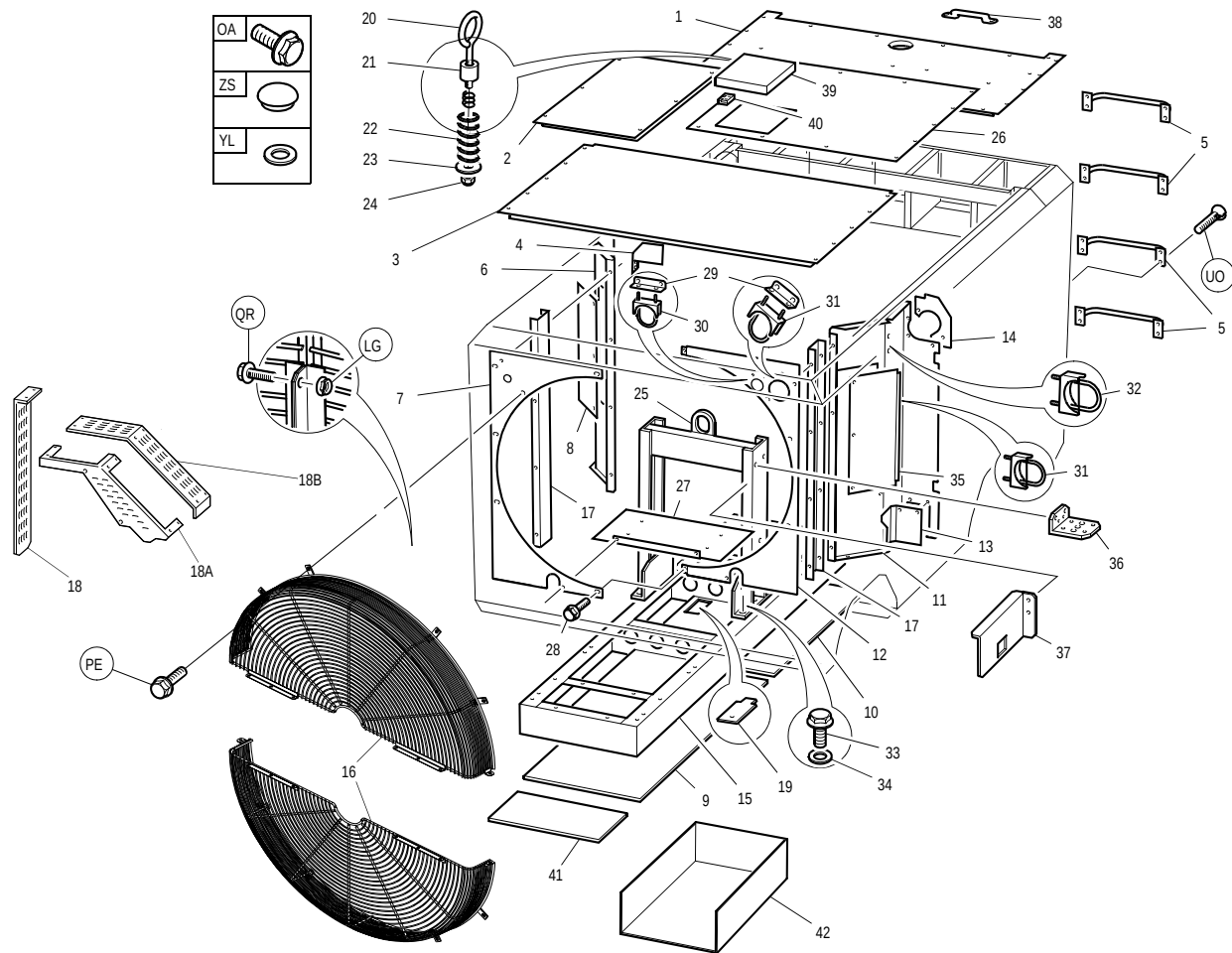
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
47	35306638	U-Bolt	2	Continued
48	36798205	Cover	1	
49	35287556	Plug	1	
50	35287895	Connector	1	
51	36743904	Tube Assembly	1	
52	35279827	Elbow	1	
53	35279827	Elbow	1	
54	36743961	Manifold	1	
55	36748101	Tube Assembly	1	
56	35609098	Plug	1	
57	35277797	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



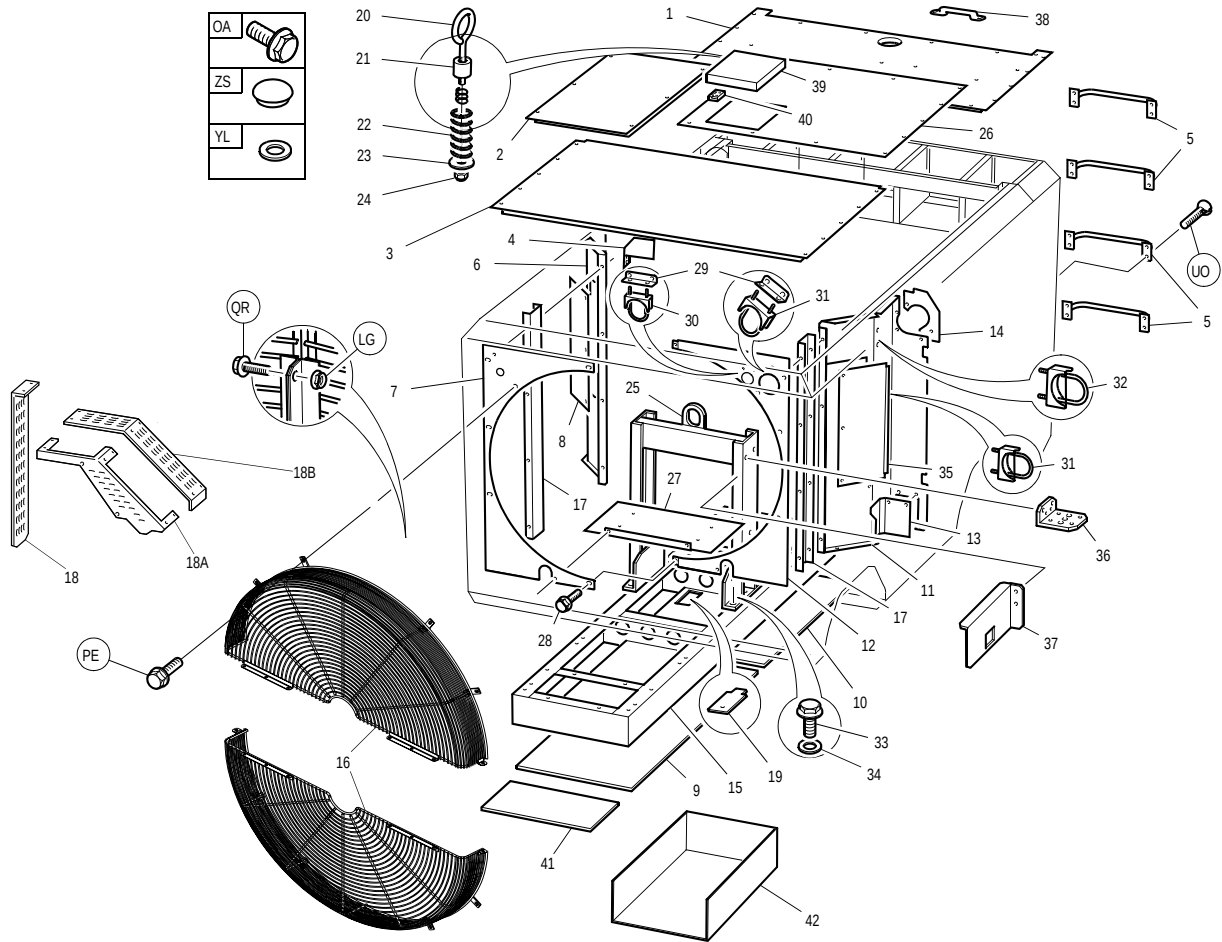
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22081988	Panel	1	
2	22123301	Panel	1	
3	22123095	Panel	1	
4	22267322	Angle, Cooler Seal	1	
5	89287957	Handrail	1	
6	22127492	Panel, Right Hand	1	
7	22079685	Panel, Right Hand, Orifice	1	
8	22181069	Panel, Cover, Right Hand	1	
9	22133425	Undertray (Front)	1	
10	22132898	Undertray (Right)	1	
11	22180897	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



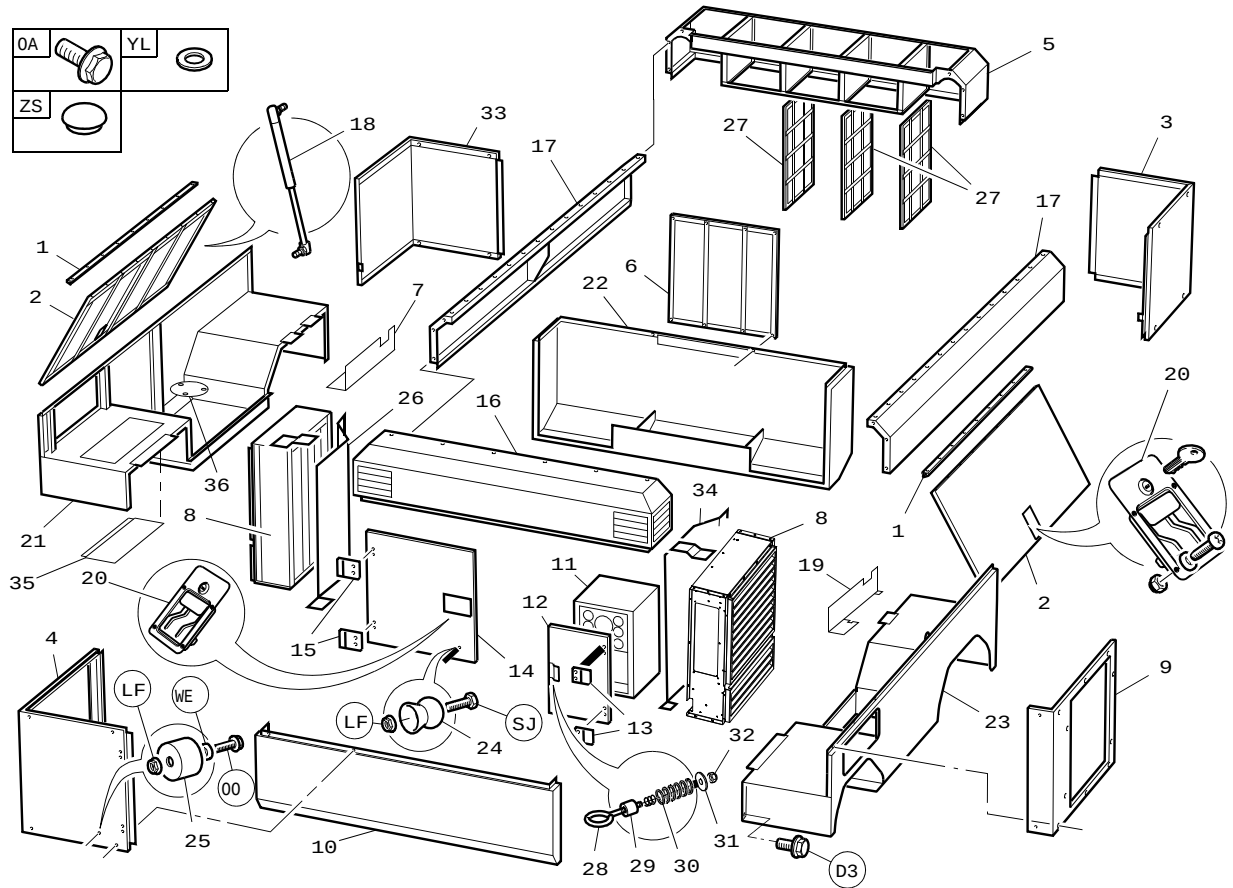
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053409	Cover	1	Continued
15	54566781	Frame	1	
16	22193031	Guard	2	
17	22079651	Panel, Baffle Fan, Orifice	2	
18	22200273	Guard, Side Belt	1	
18A	22200745	Guard, Support Belt	1	
18B	22200737	Guard, Top Belt	1	
19	89299945	Cover	1	
20	89297600	Bolt, 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



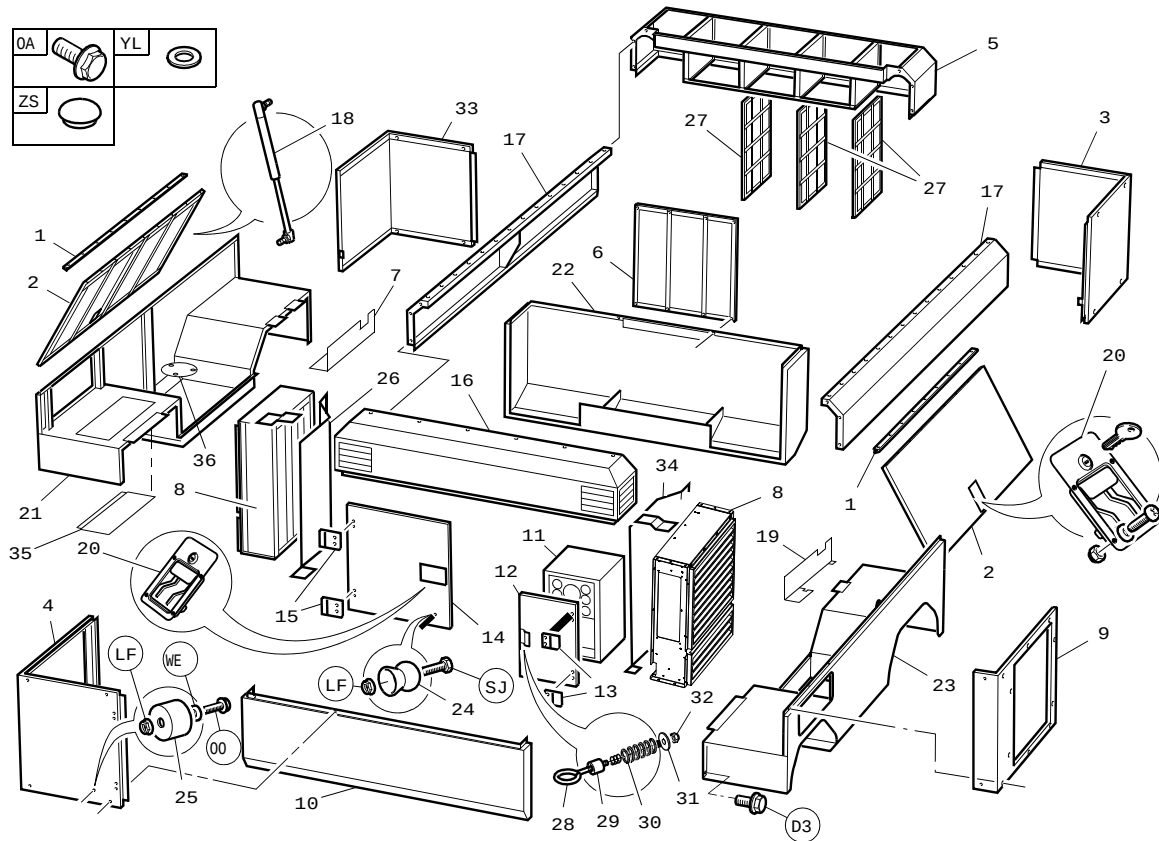
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
*25b	92391382	Washer	6	Continued
26	22123236	Panel	1	
27	22079750	Panel, (SRG)	1	
	22281174	Panel, (HSRG)	1	
28	36889608	Screw	2	
29	22097448	Bracket	2	
30	35209048	Clamp	1	
31	35111731	Clamp	2	
32	35127653	Clamp	1	
33	35272558	Screw	6	
34	92391382	Washer	6	
35	22181077	Panel, Cover, Left Hand	1	
36	22674212	Bracket, Fuel Filter	1	
37	22365787	Bracket, Relay	1	
38	35130707	Hand Hold	1	
39	22123285	Door, Lift Bail	1	
40	88152392	Hinge	1	
41	54571443	Undertray, Front, (HSRG)	1	
42	22441927	Box, Undertray	1	

Enclosure



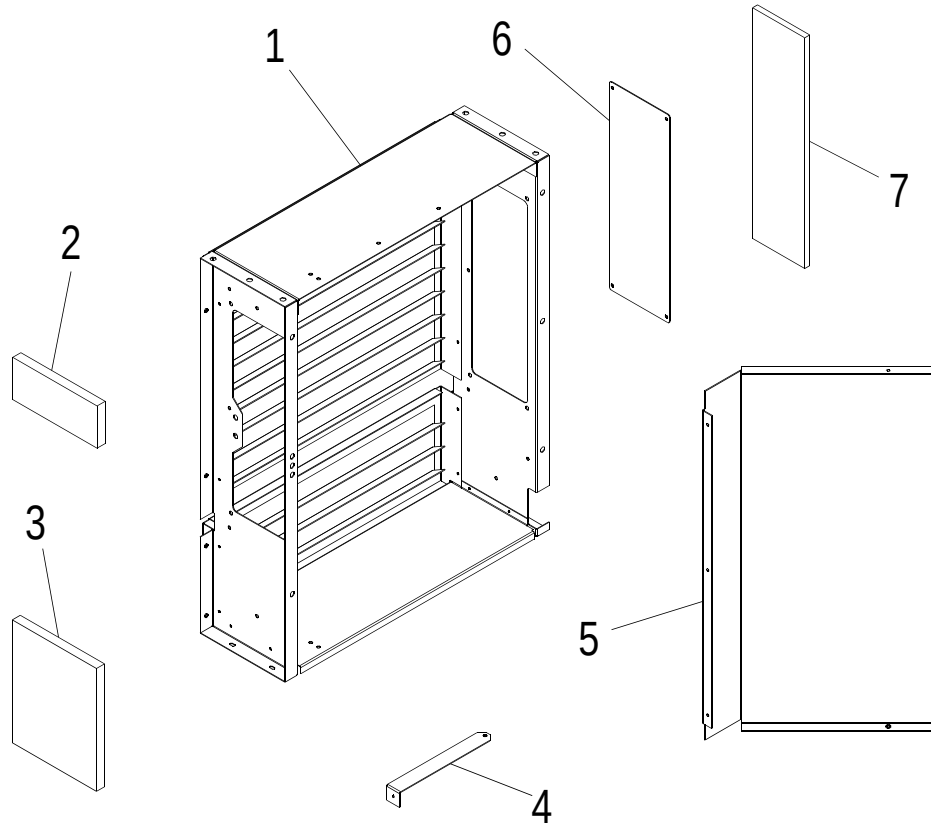
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912419	Hinge	2	Continued.....
2	22123368	Door Assembly	2	
3	22184907	Panel	1	
4	22464283	Panel, Right	1	
5	22341796	Duct	1	
6	22123384	Door Assembly	1	
7	22668362	Air Duct	1	
	22857643	Air Duct (Aftercooler Option)	1	
8	22871750	Duct	2	
9	22464275	Panel	1	
10	22318257	Panel (SRG)	1	
	22208938	Panel (HSRG)	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



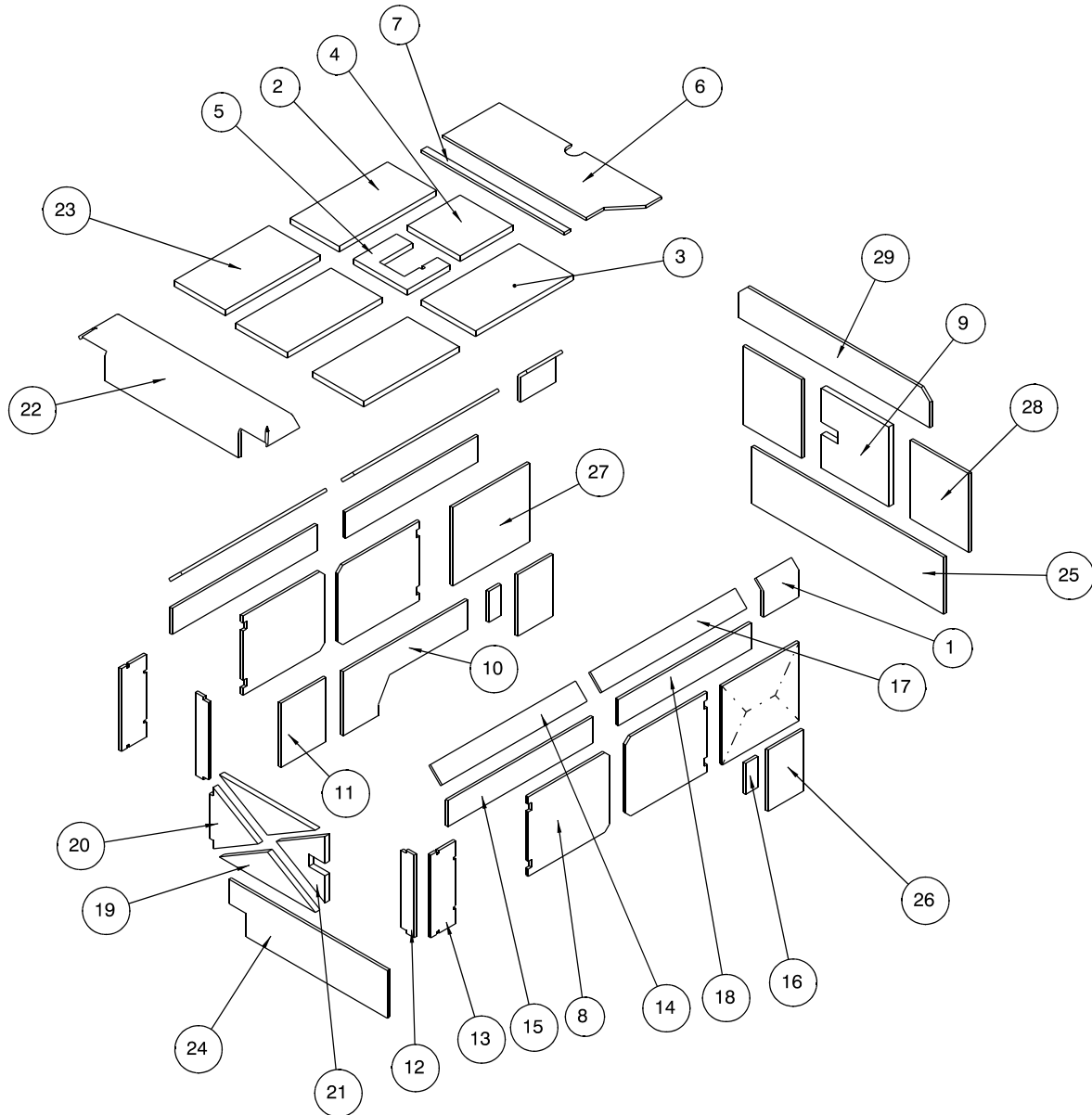
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	54443213	Spring, Gas	4	Continued
19	22669980	Air Duct	1	
20	89288757	Lock	4	
21	22122956	Panel, (SRG)	1	
	22180509	Panel, (HSRG)	1	
22	22122998	Panel, (SRG)	1	
	22180491	Panel, (HSRG)	1	
23	22122998	Panel, (SRG)	1	
	22180491	Panel, (HSRG)	1	
24	92922863	Catch (Male) CE & HA	3	
25	92922856	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



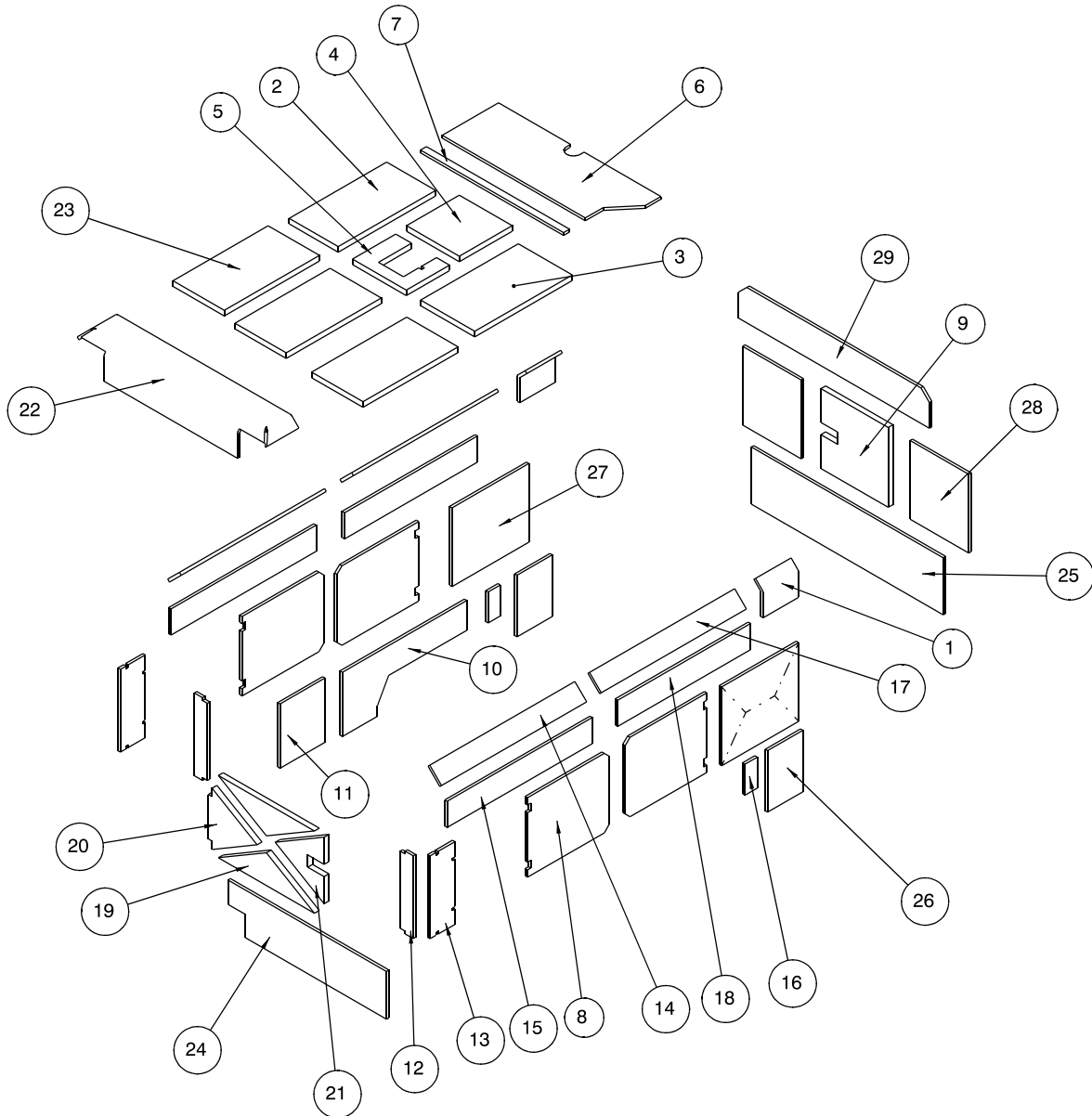
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22871750	Intake Duct	1	
2	22889513	Foam	1	
3	22889430	Foam	1	
4	22885776	Support, Bracket	1	
5	22872782	Baffle, Internal	1	
6	22872808	Cover	1	
7	22147045	Foam	1	

STRG Exterior Foam



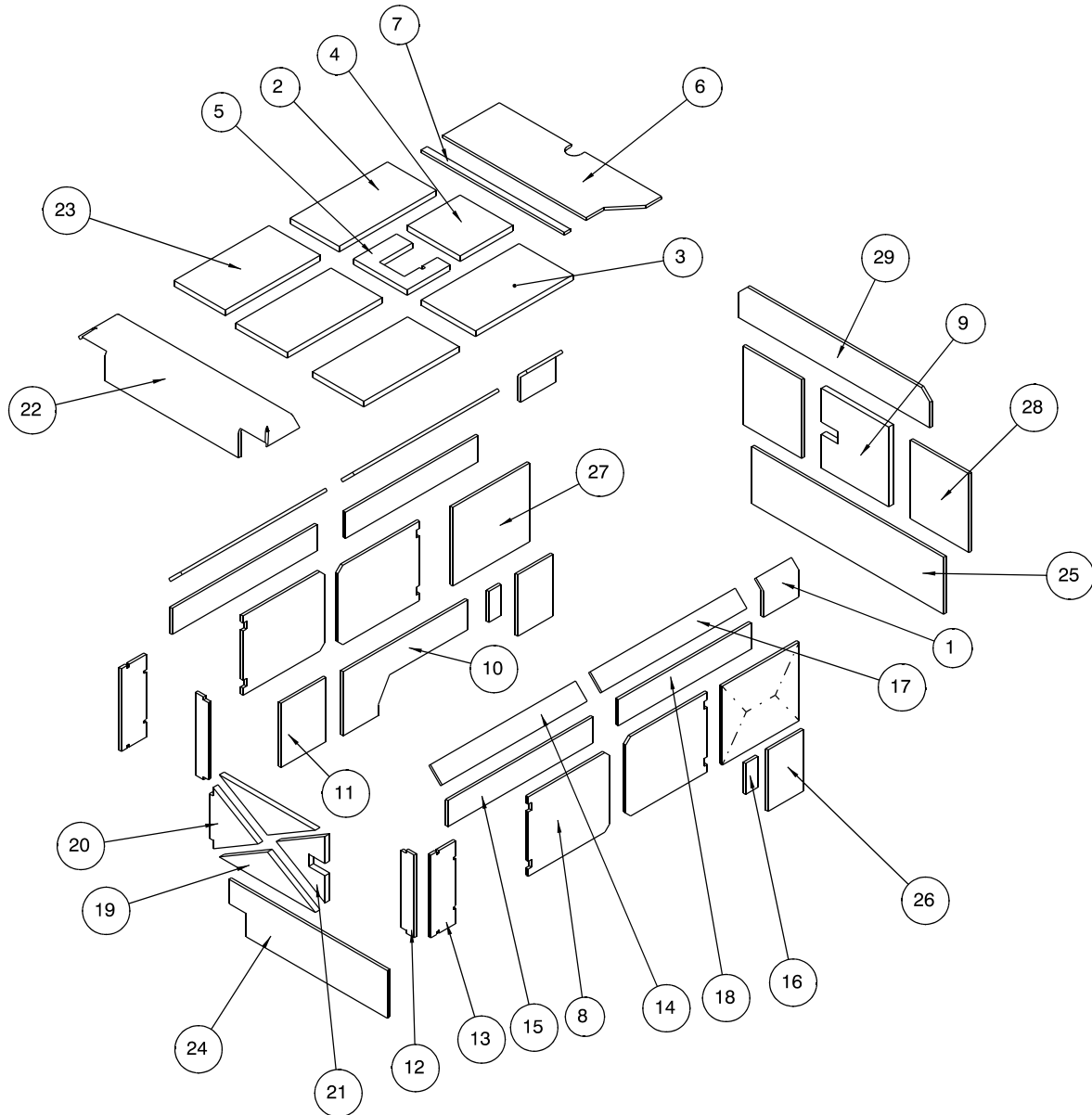
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	
2	22110852	Foam	1	
3	22110860	Foam	1	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22124218	Foam	1	
10	22146989	Foam	1	
11	22147029	Foam	1	
12	22147219	Foam	2	
				Continued.....

STRG Exterior Foam



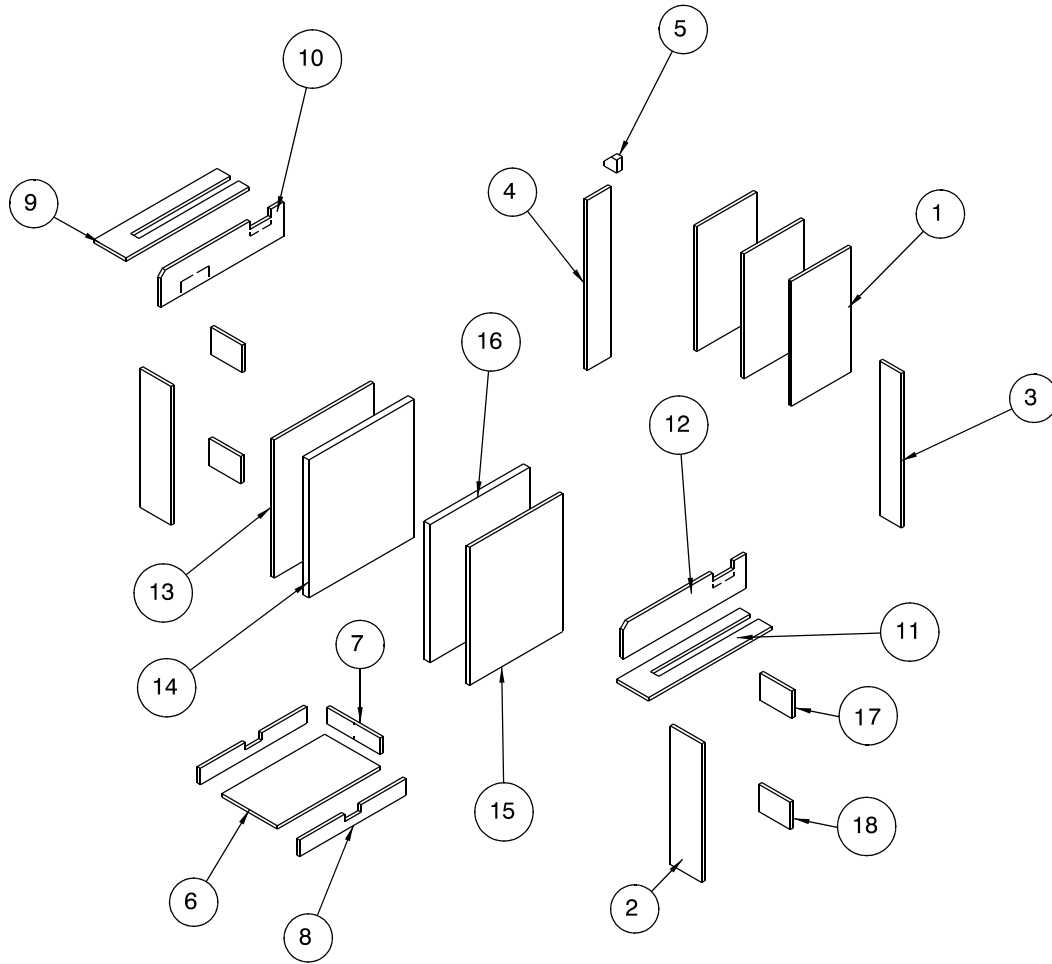
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22147227	Foam	2	Continued
14	22148357	Foam	2	
15	22148365	Foam	2	
16	22149119	Foam	2	
17	22149207	Foam	2	
18	22149355	Foam	2	
19	22265839	Foam	2	
20	22265847	Foam	1	
21	22265854	Foam	1	
22	22752133	Foam	1	
23	22857940	Foam	3	
24	54375845	Foam	1	
				Continued.....

STRG Exterior Foam



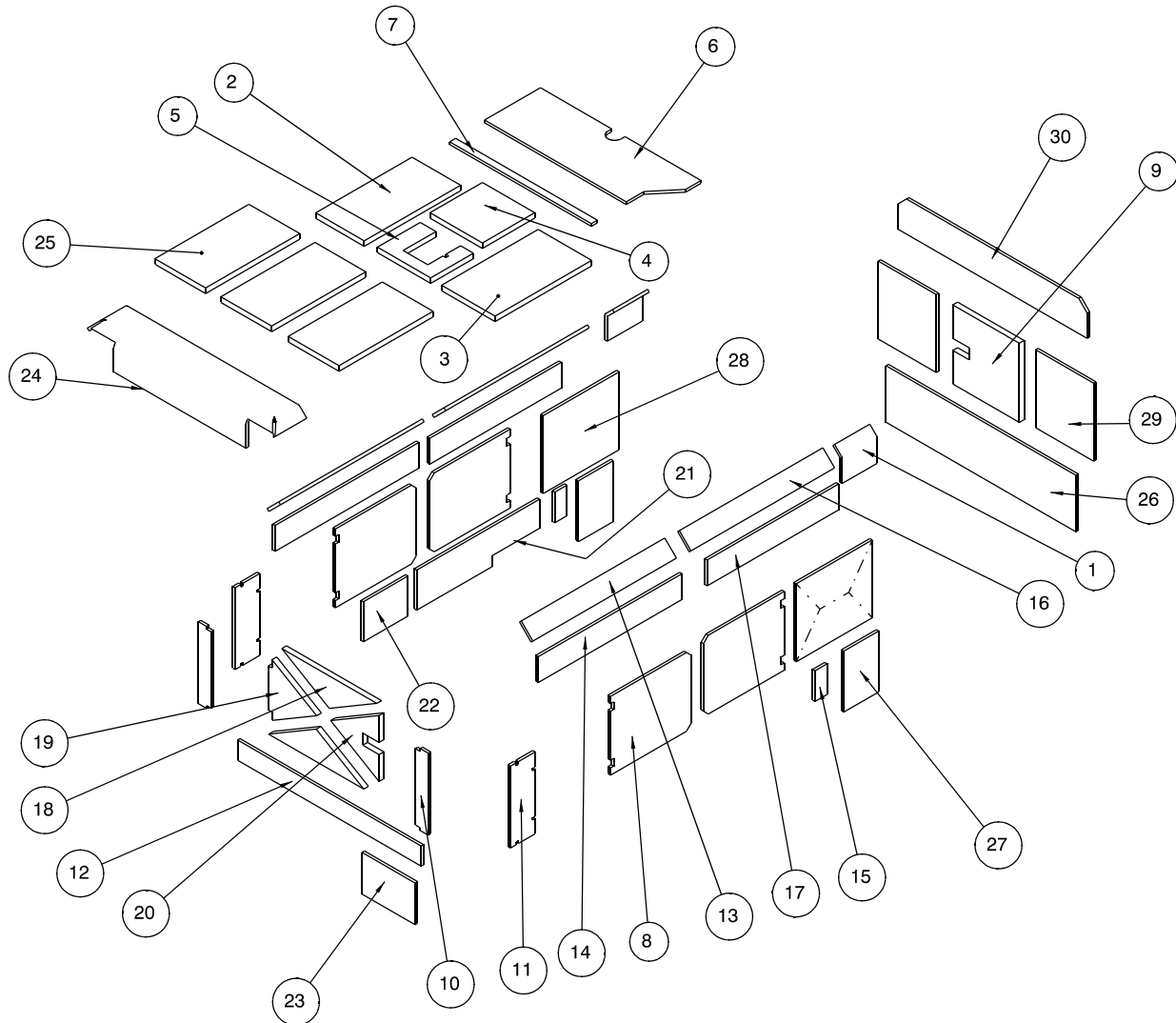
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
25	89286041	Foam	1	 <i>Continued</i>
26	89286058	Foam	2	
27	89286157	Foam	2	
28	89286165	Foam	2	
29	89286306	Foam	1	

STRG Interior Foam



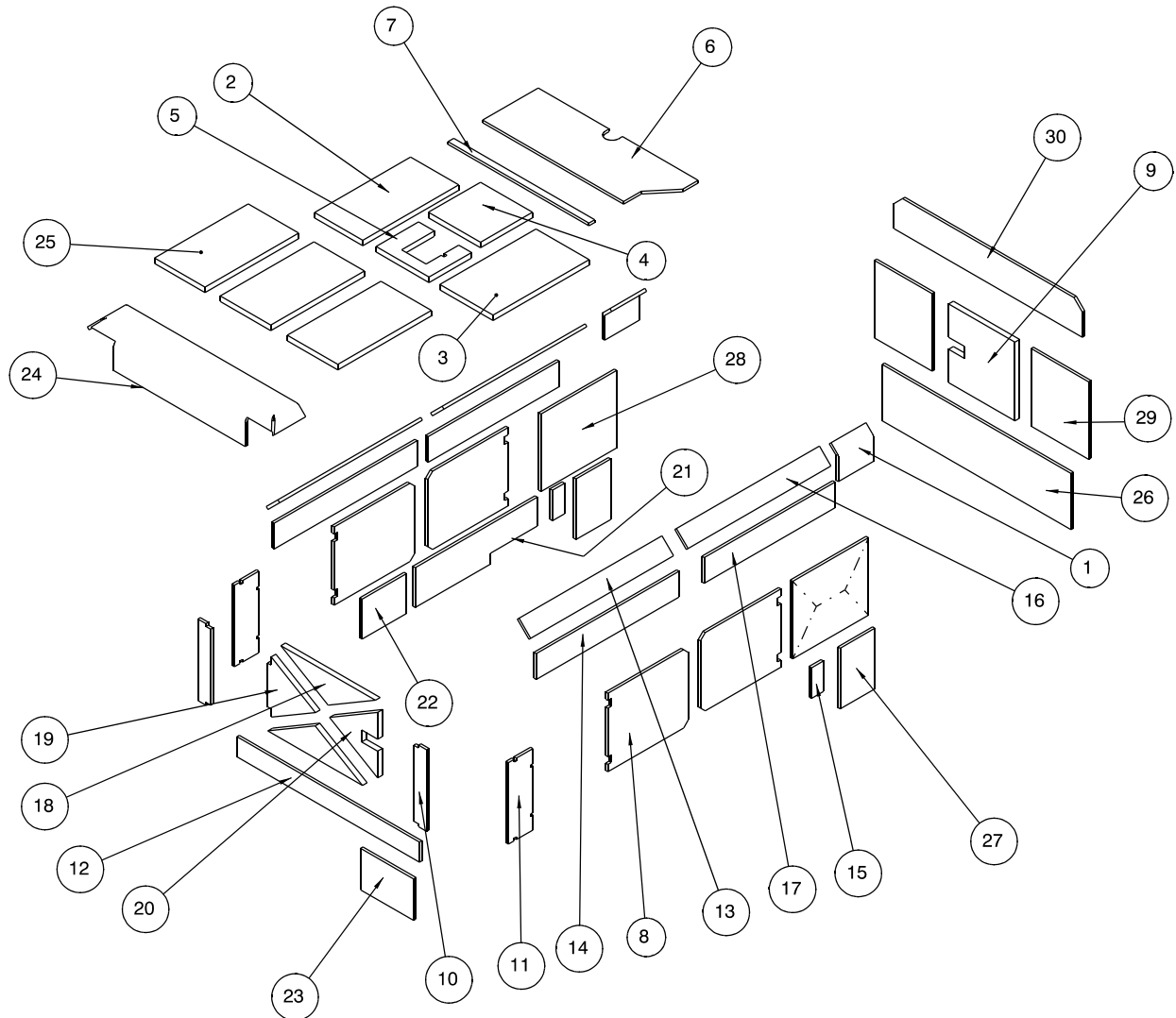
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056188	Foam	3	
2	22147045	Foam	2	
3	22148894	Foam	1	
4	22265748	Foam	1	
5	22267330	Foam	1	
6	22306674	Foam	1	
7	22306690	Foam	1	
8	22441935	Foam	2	
9	22669964	Foam	1	
10	22669972	Foam	1	
11	22671424	Foam	1	
12	22671432	Foam	1	
13	22740450	Foam	1	
14	22740476	Foam	1	
15	22740484	Foam	1	
16	22740492	Foam	1	
17	22889513	Foam	2	
18	22889430	Foam	2	

HSRG Exterior Foam



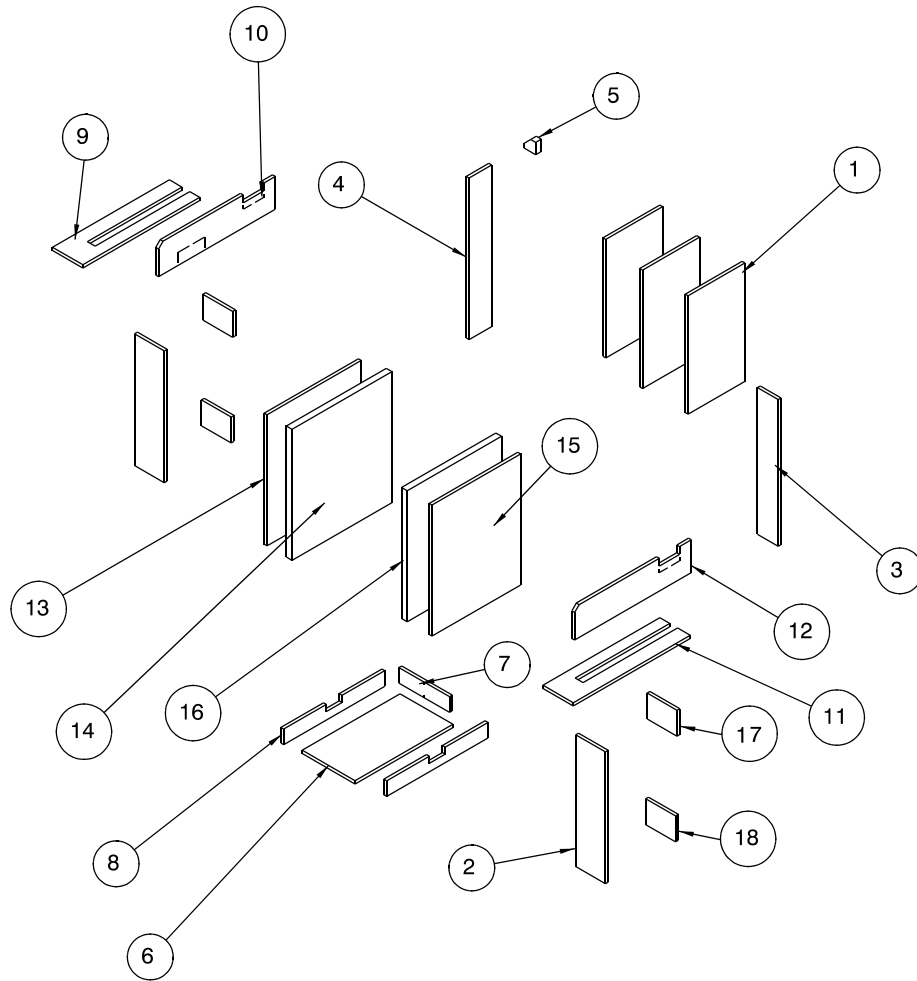
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	
2	22110852	Foam	1	
3	22110860	Foam	1	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22124218	Foam	1	
10	22147219	Foam	2	
11	22147227	Foam	2	
12	22147425	Foam	1	
13	22148357	Foam	2	
14	22148365	Foam	2	
15	22149199	Foam	2	Continued.....

HSRG Exterior Foam



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	22149207	Foam	2	Continued
17	22149355	Foam	2	
18	22265839	Foam	2	
19	22265847	Foam	1	
20	22265854	Foam	1	
21	22300339	Foam	1	
22	22300552	Foam	1	
23	22300669	Foam	1	
24	22752133	Foam	1	
25	22857940	Foam	3	
26	89286041	Foam	1	
27	89286058	Foam	2	
28	89286157	Foam	2	
29	89286165	Foam	2	
30	89286306	Foam	1	

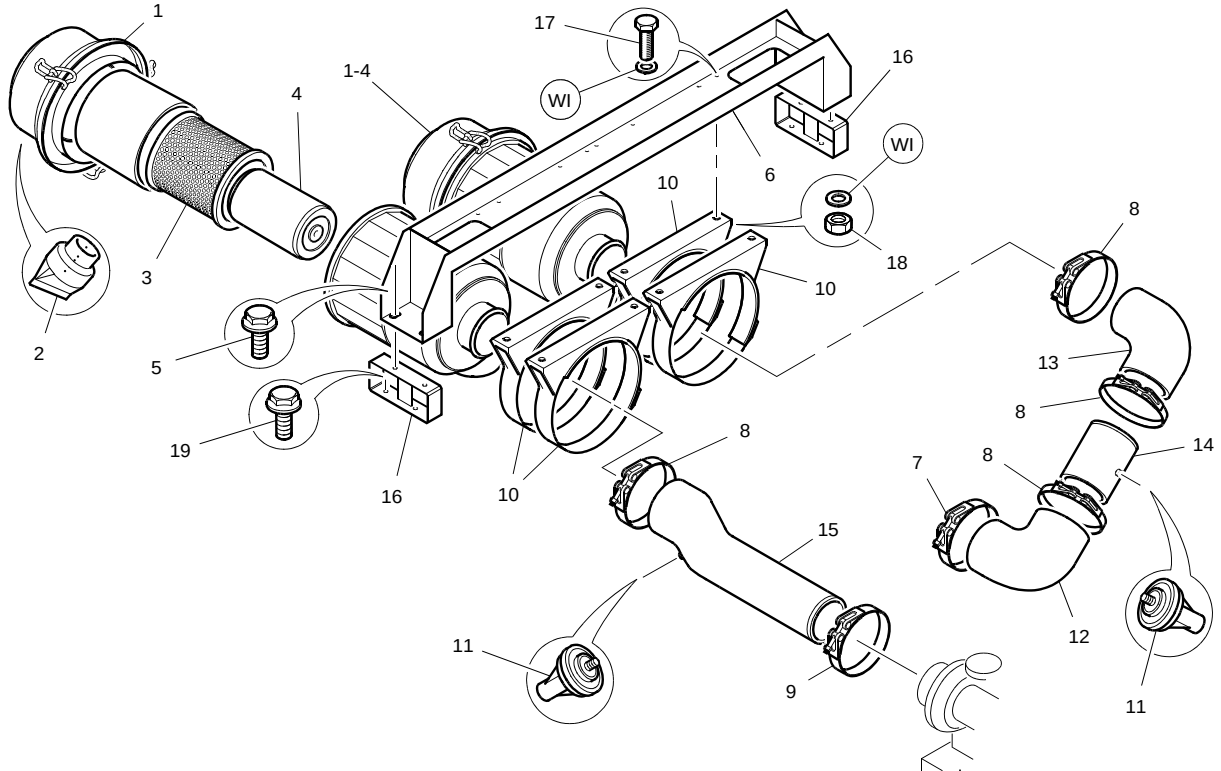
HSRG Interior Foam



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056188	Foam	3	
2	22147045	Foam	2	
3	22148894	Foam	3	
4	22265748	Foam	1	
5	22267330	Foam	2	
6	22306674	Foam	1	
7	22306690	Foam	1	
8	22441935	Foam	1	
9	22669964	Foam	1	
10	22669972	Foam	1	
11	22671424	Foam	1	
12	22671432	Foam	1	
13	22740450	Foam	1	
14	22740476	Foam	2	
15	22740484	Foam	1	
16	22740492	Foam	2	
17	22889513	Foam	2	
18	22889430	Foam	2	

Air Intake System

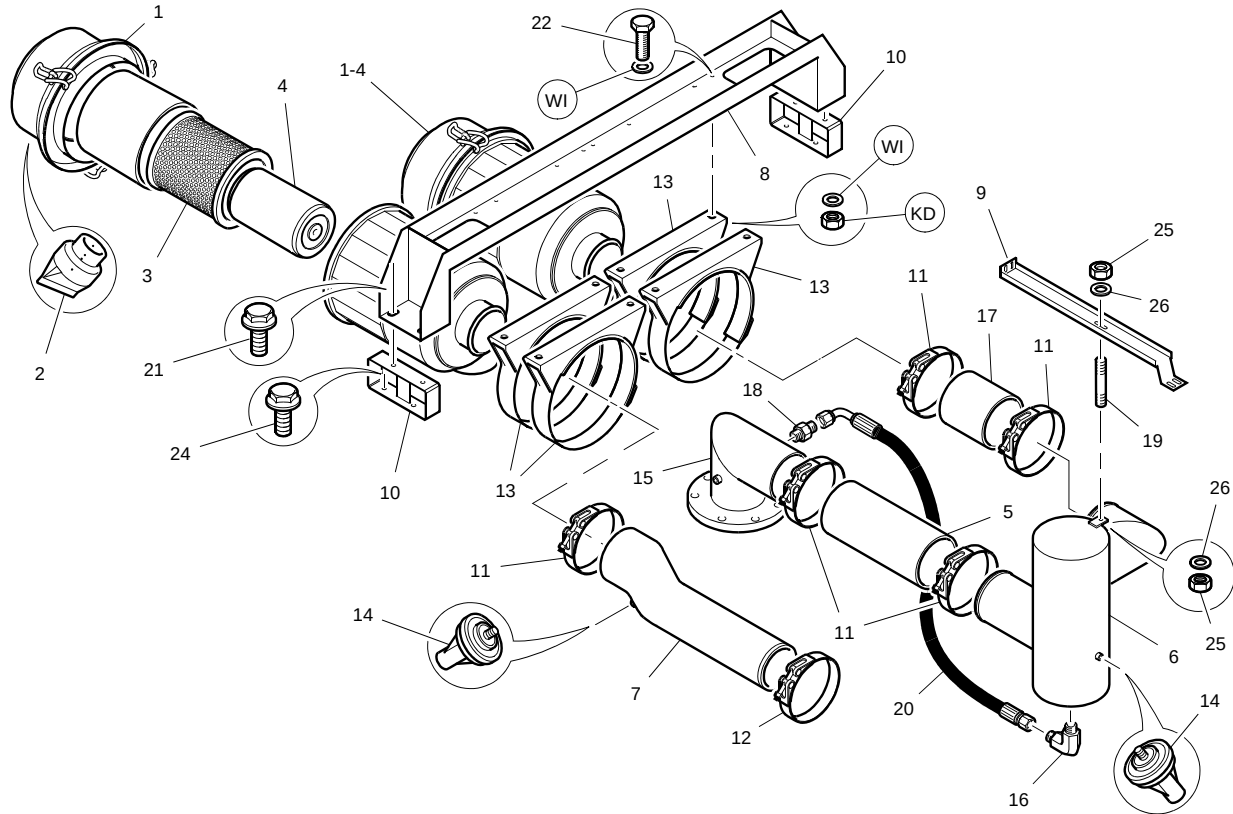
VHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	89285829	Filter, Air	2	
1	89304844	Cap	2	
2	89304851	Valve	2	
3	89288971	Element, Air Filter (Main)	2	
4	89288989	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	89285837	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

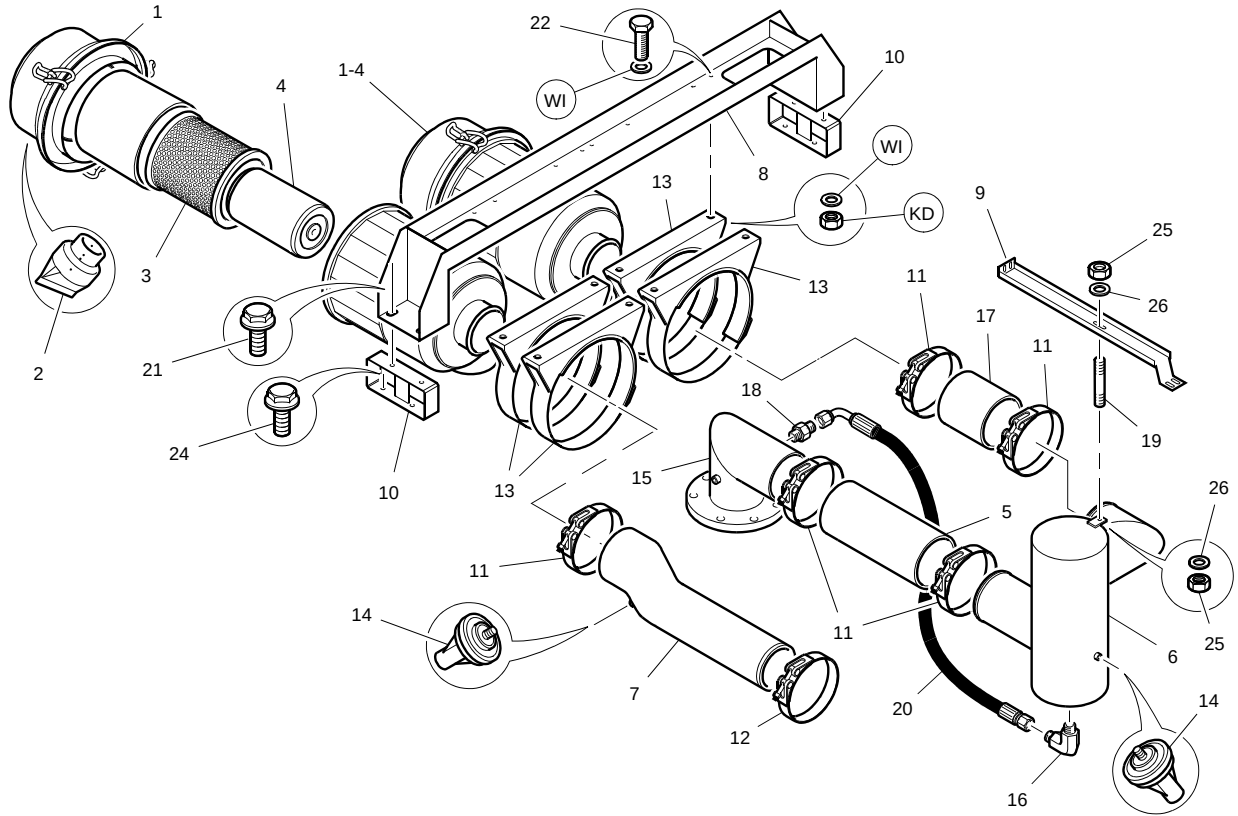
XHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	89285829	Filter, Air	2	
1	89304844	Cap	2	
2	89304851	Valve	2	
3	89288971	Element, Air Filter (Main)	2	
4	89288989	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	35116615	Clamp	1	
13	89285837	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	Continued.....

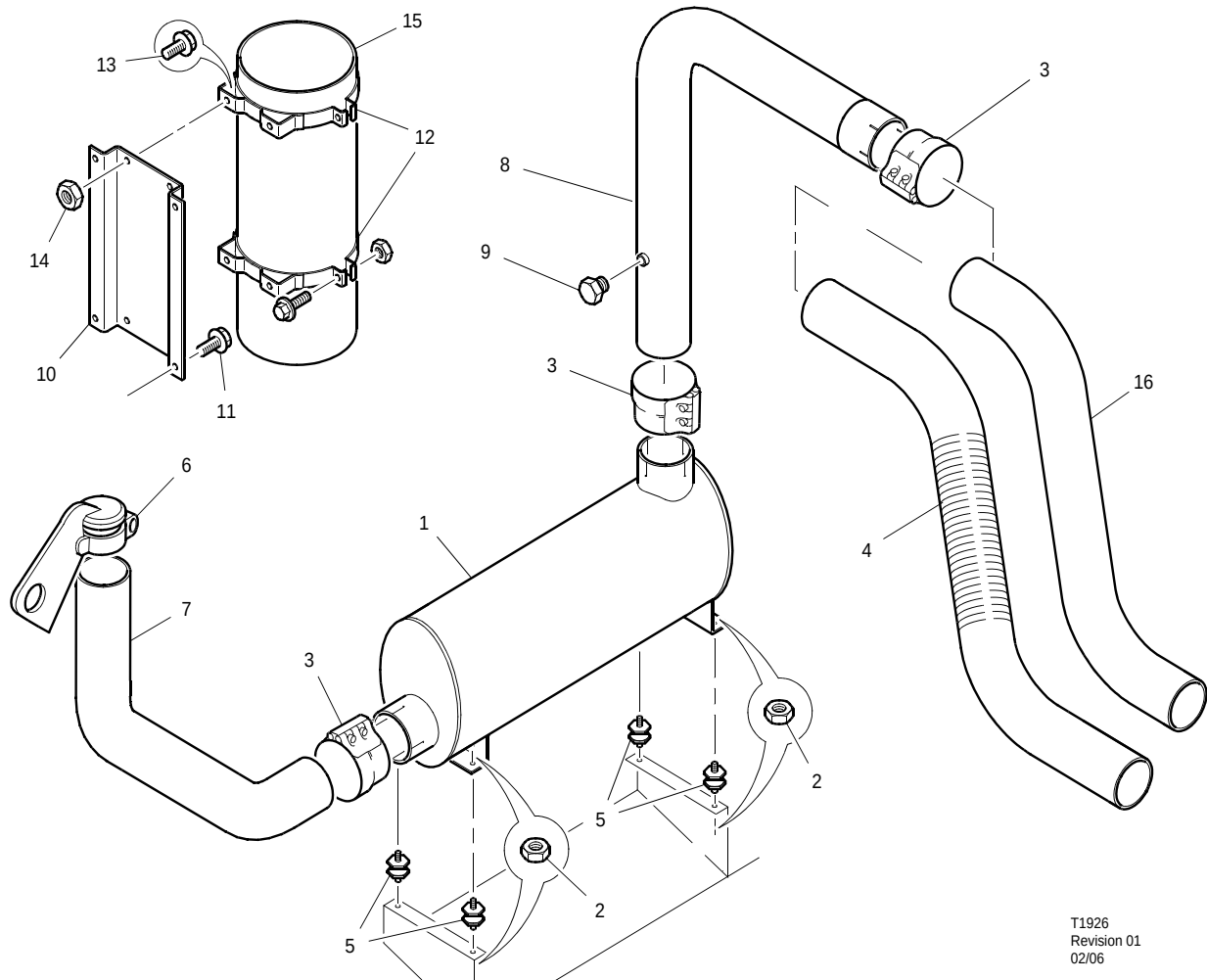
Air Intake System

XHP750



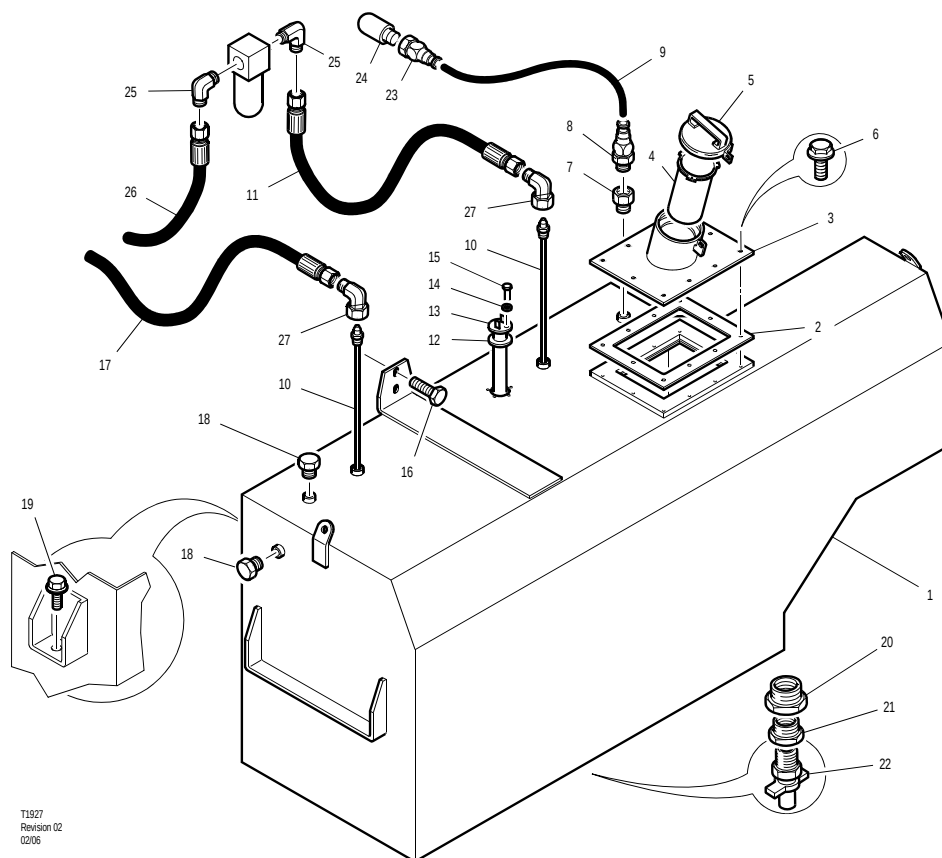
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
20	92079474	Hose Assembly	1	Continued
21	35279025	Screw	4	
22	35271170	Screw	8	
23	36881886	Nut	8	
24	36889608	Screw	4	
25	96735543	Nut	2	
26	95934998	Washer	2	
27	95930301	Bushing	1	

Engine Exhaust System



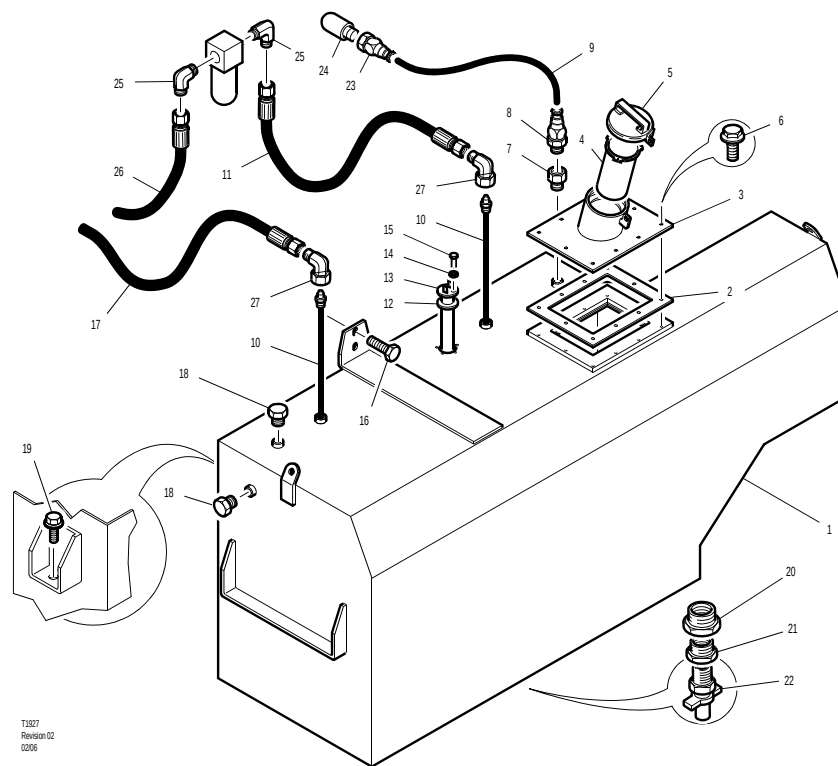
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22134175	Silencer	1	
2	36881886	Nut	8	
3	35307131	Clamp	3	
4	22186126	Connector, Flexible	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22321368	Pipe	1	
8	22134167	Pipe	1	
9	95928255	Plug	1	
10	22321475	Bracket	1	
11	35279025	Screw	4	
12	36787026	Band,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

Fuel System



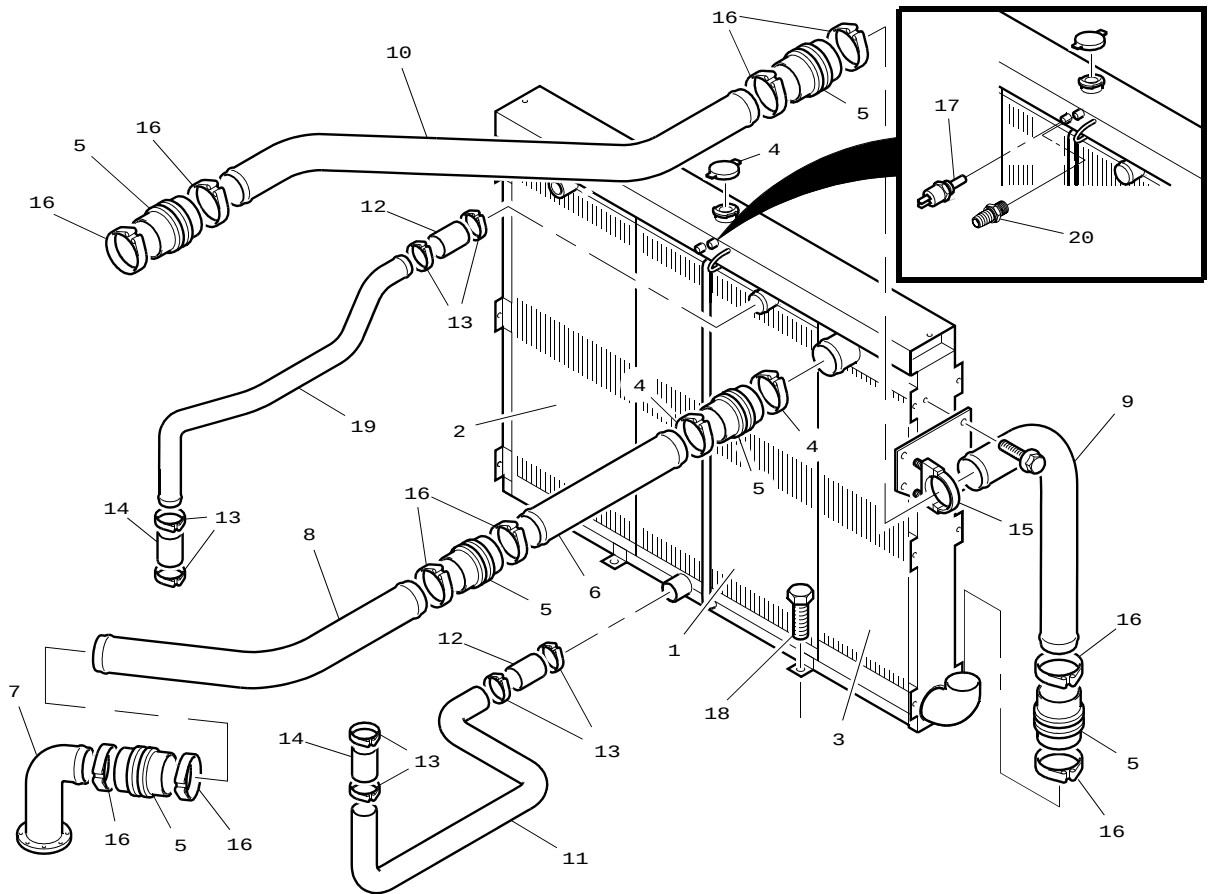
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	--	Fuel Tank Assembly	1	
1	22183990	Tank, Fuel, (SRG)	1	
	22279566	Tank, Fuel, (HSRG)	1	
2	89287346	Gasket	1	
3	--			
4	36845022	Filter, Fuel	1	
5	36845014	Cap, Fuel Filler	1	
6	96701958	Screw	10	
7	35316348	Adaptor	1	
8	35369347	Adaptor	1	
9	35356484	Tube (Nylon)	1	
10	22092795	Drop-Tube, (SRG)	2	
	22155469	Drop-Tube, (HSRG)	2	Continued.....

Fuel System



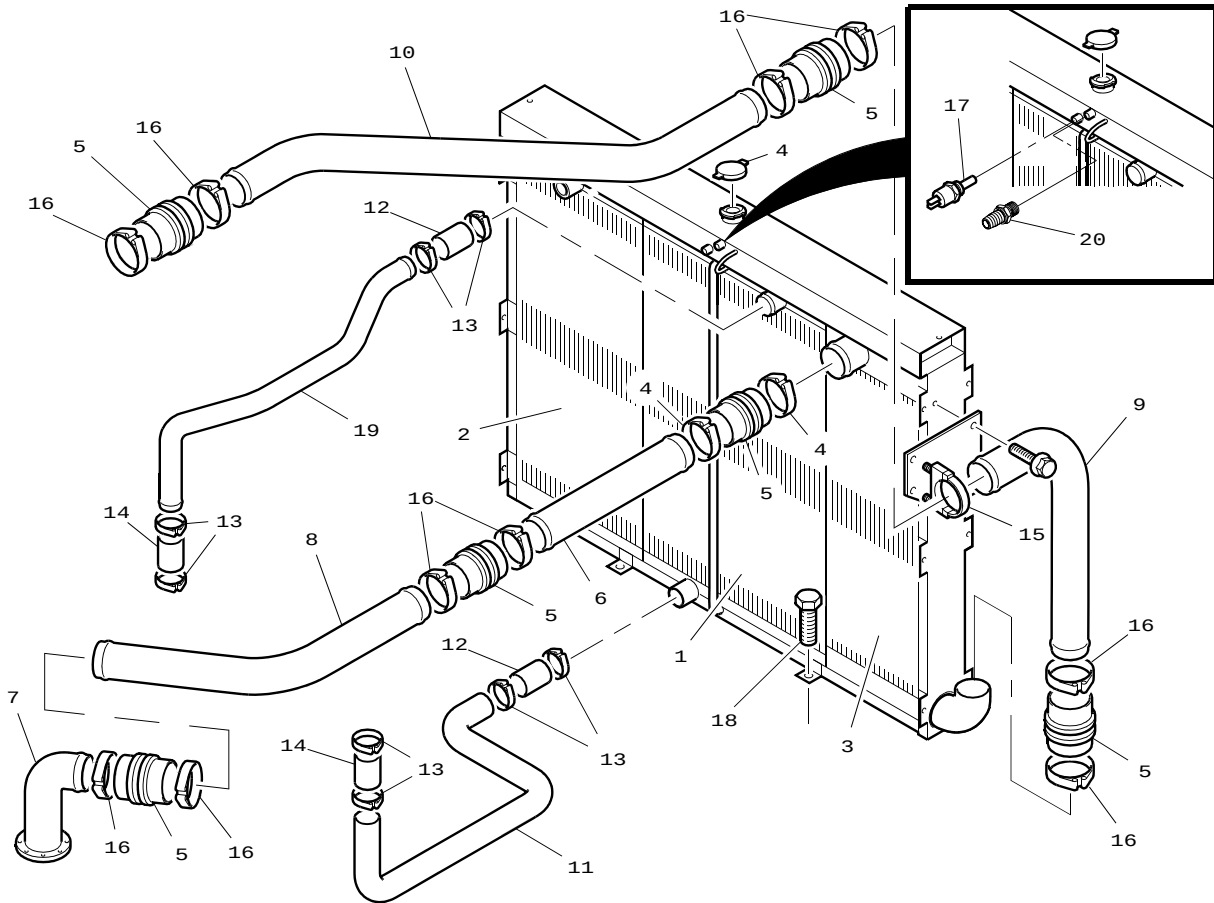
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35283308	Hose Assembly	1	Continued
12	35361849	Gasket	1	
13	22094759	Sender Unit, Fuel Gauge, (SRG)	1	
	22155451	Sender Unit, Fuel Gauge, (HSRG)	1	
14	92272756	Lock Washer	AR	
15	92096031	Screw	AR	
16	36888055	Screw	2	
17	35283506	Hose Assembly	1	
18	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	35286442	Elbow	2	
26	35306679	Hose Assembly	1	
27	35287911	Elbow	2	

Cooling System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	22764583	Radiator & Cooler Assembly (VHP750, XHP750)		
1	22502678	Radiator	1	
2	22502660	Cooler, Oil	1	
3	22764575	Cooler, Charge	1	
4	22764609	Cap, Radiator	1	
5	54422522	Sleeve	6	Continued.....

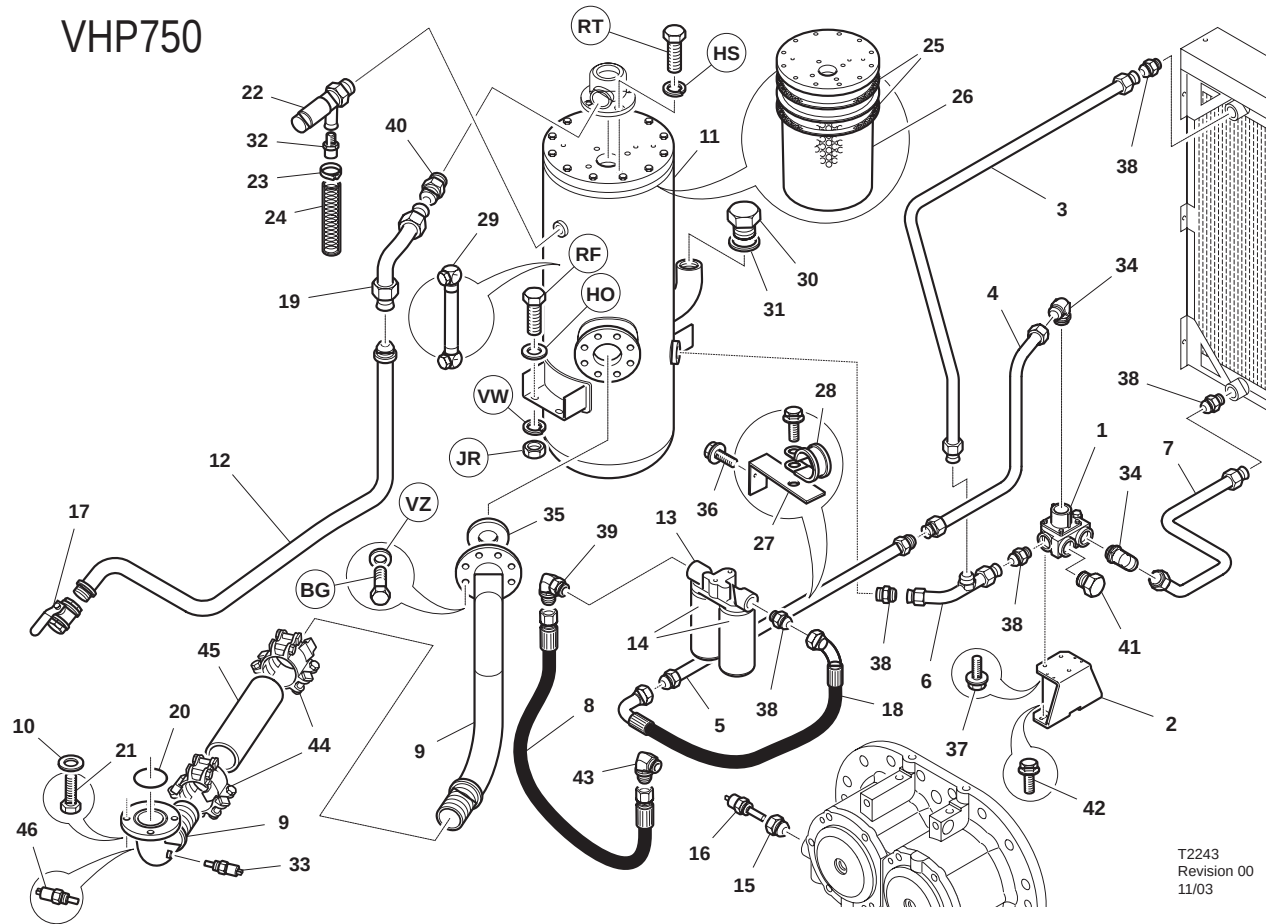
Cooling System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
6	22080857	Tube	1	Continued
7	--	Flange, Engine	1	
8	22079628	Tube	1	
9	22697270	Tube	1	
10	22697262	Tube	1	
11	22917462	Tube	1	
12	35330570	Connector	2	
13	35222017	Clamp	8	
14	22126460	Connector	2	
15	35111731	Clamp	1	
16	54444427	Clamp	10	
17	22769186	Sensor, Coolant Level	1	
18	36877793	Screw	4	
19	23038300	Tube	1	
20	35363662	Adapter, Barbed	1	

Oil/Air Piping

VHP750

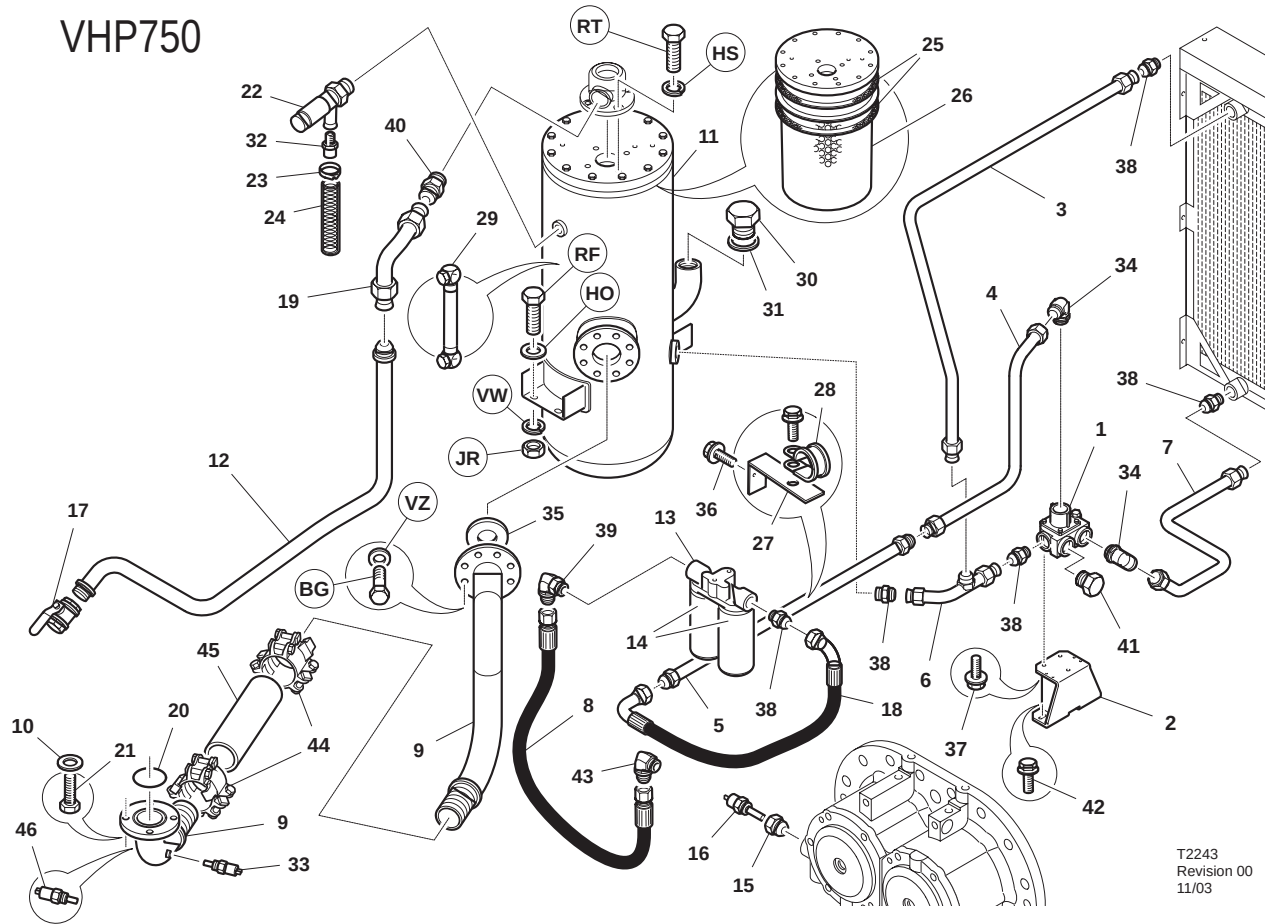


T2243
Revision 00
11/03

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	1	
12	22332605	Tube Assembly	1	
13	36756120	Filter Assembly	1	
14	36860336	Element	2	
15	22246722	Adaptor	1	Continued.....

Oil/Air Piping

VHP750

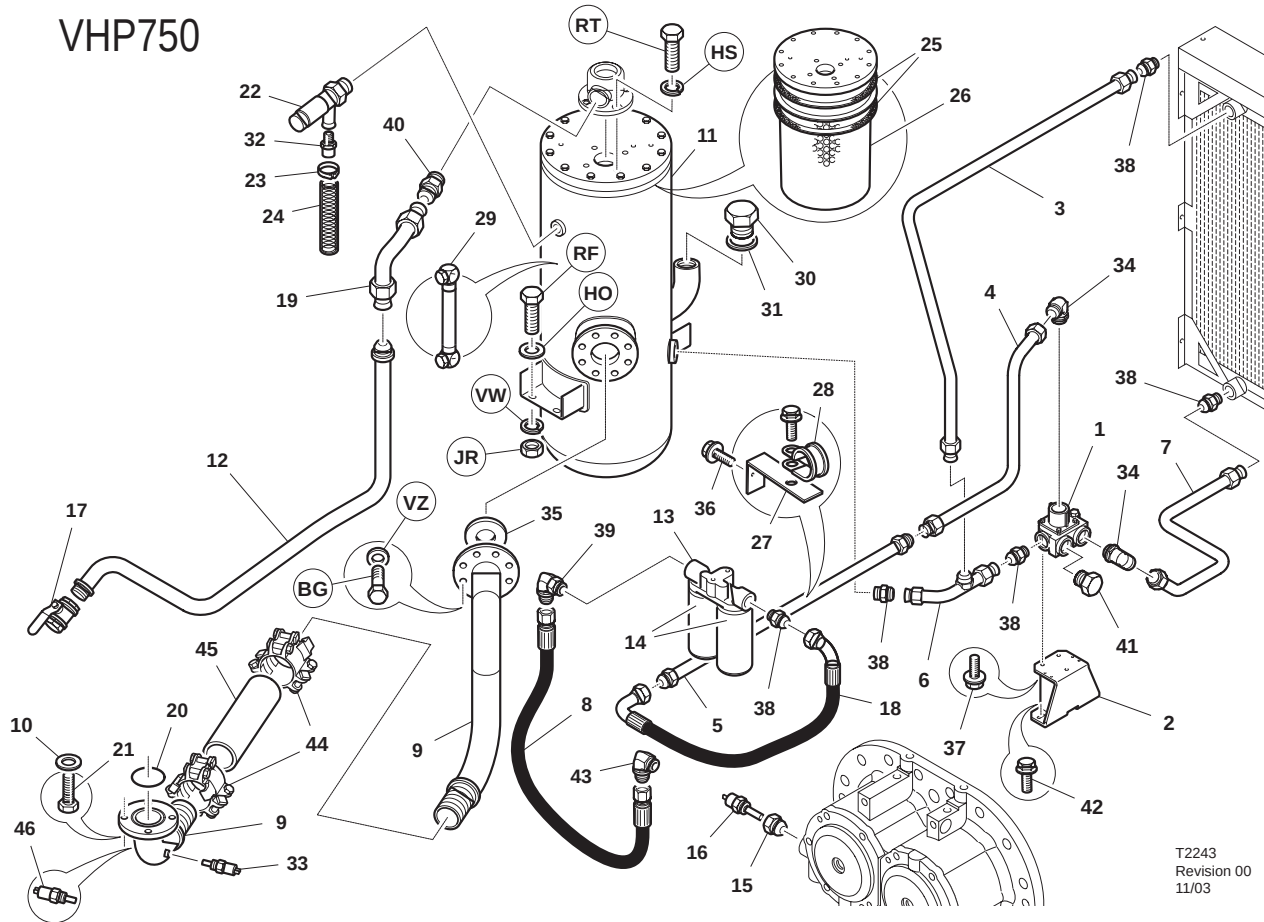


T2243
Revision 00
11/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	36757581	Switch, Oil Pressure	1	Continued
17	35602473	Valve, Ball	1	
18	89299424	Hose Assembly	1	
19	54576038	Tube Assembly	1	
20	95022380	O-Ring	1	
21	35375385	Screw	4	
22	22372528	Valve, Safety	1	
23	35192178	Clamp, Saddle	1	
24	22599740	Tube (STRG)	1	
	22599591	Tube (HSRG)	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

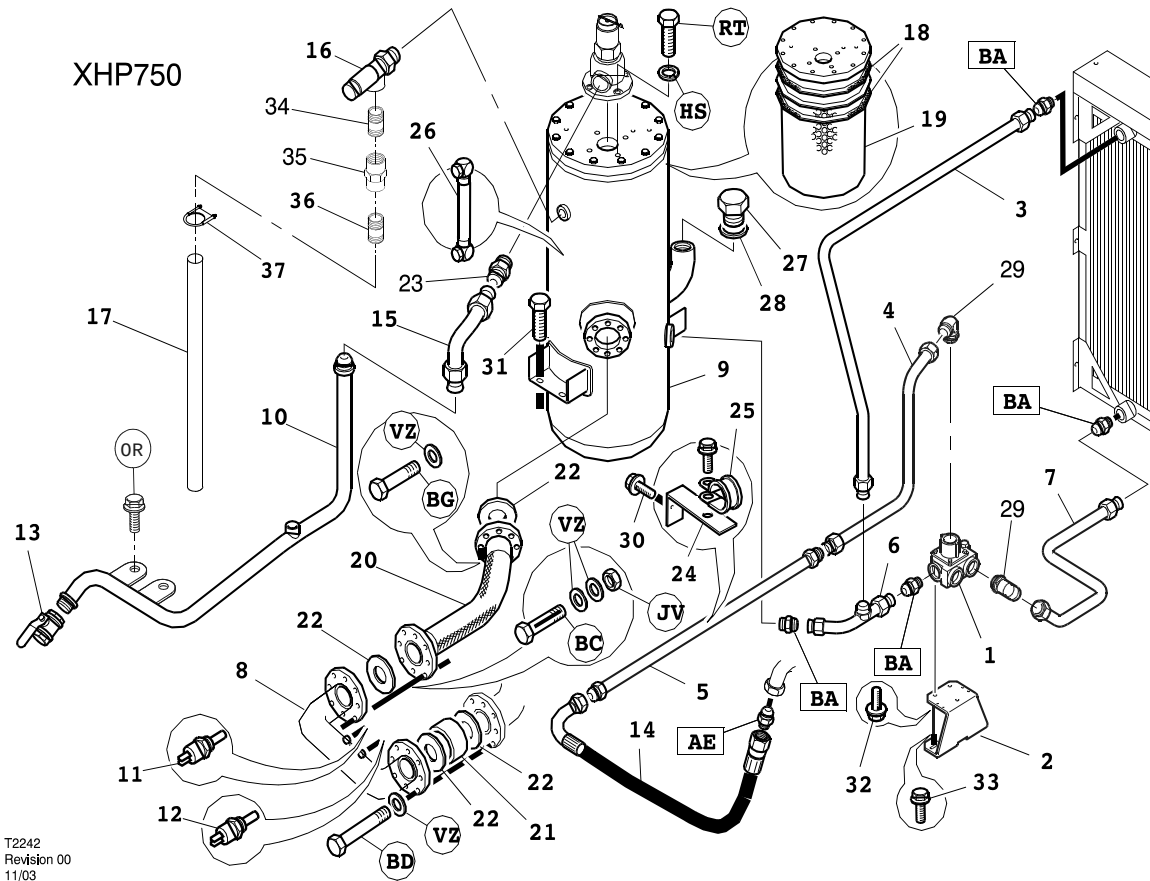
VHP750



T2243
Revision 00
11/03

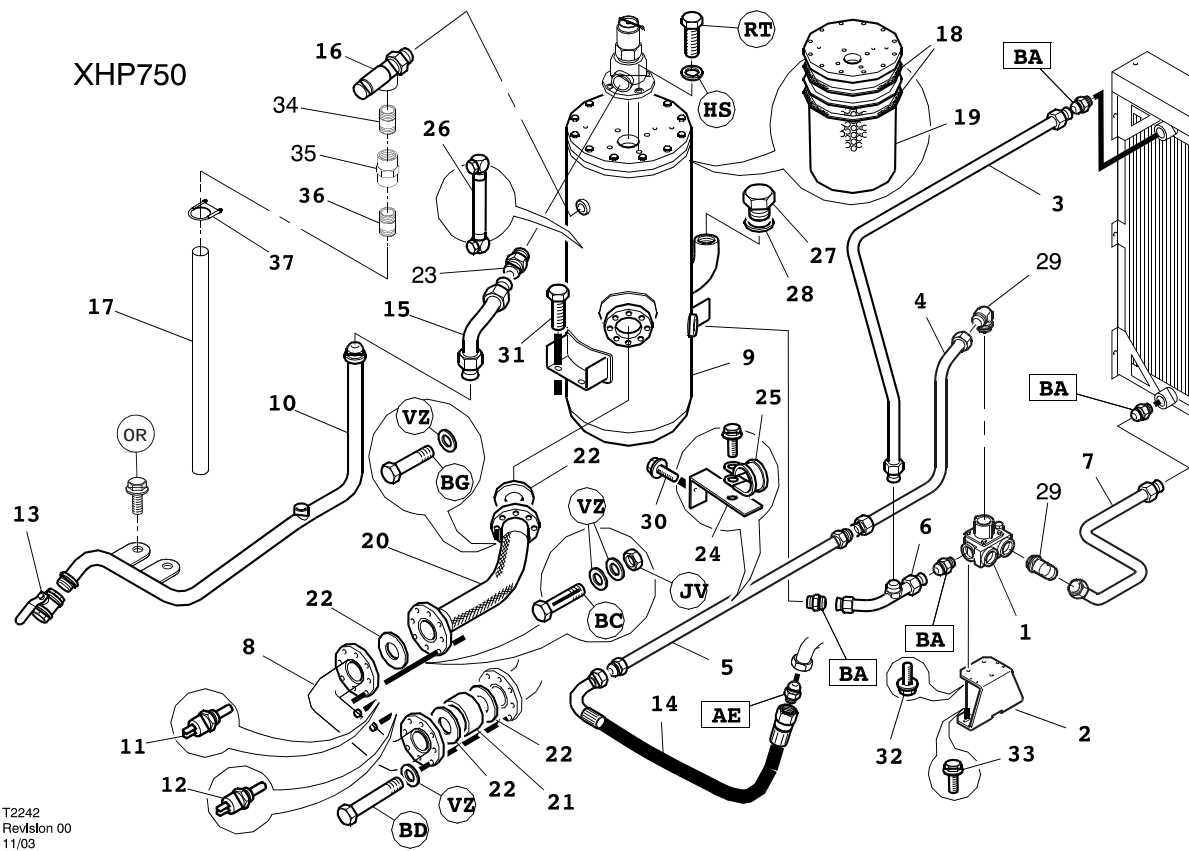
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35279942	O-Ring	1	Continued
32	36764389	Nipple	1	
33	36898922	Sensor, Temperature	1	
34	95431292	Elbow	2	
35	39487830	Gasket	1	
36	35279025	Screw	2	
37	95934543	Screw	3	
38	35296409	Adaptor	5	
39	95431292	Elbow	1	
40	95371241	Adaptor	1	
41	95938197	Plug	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



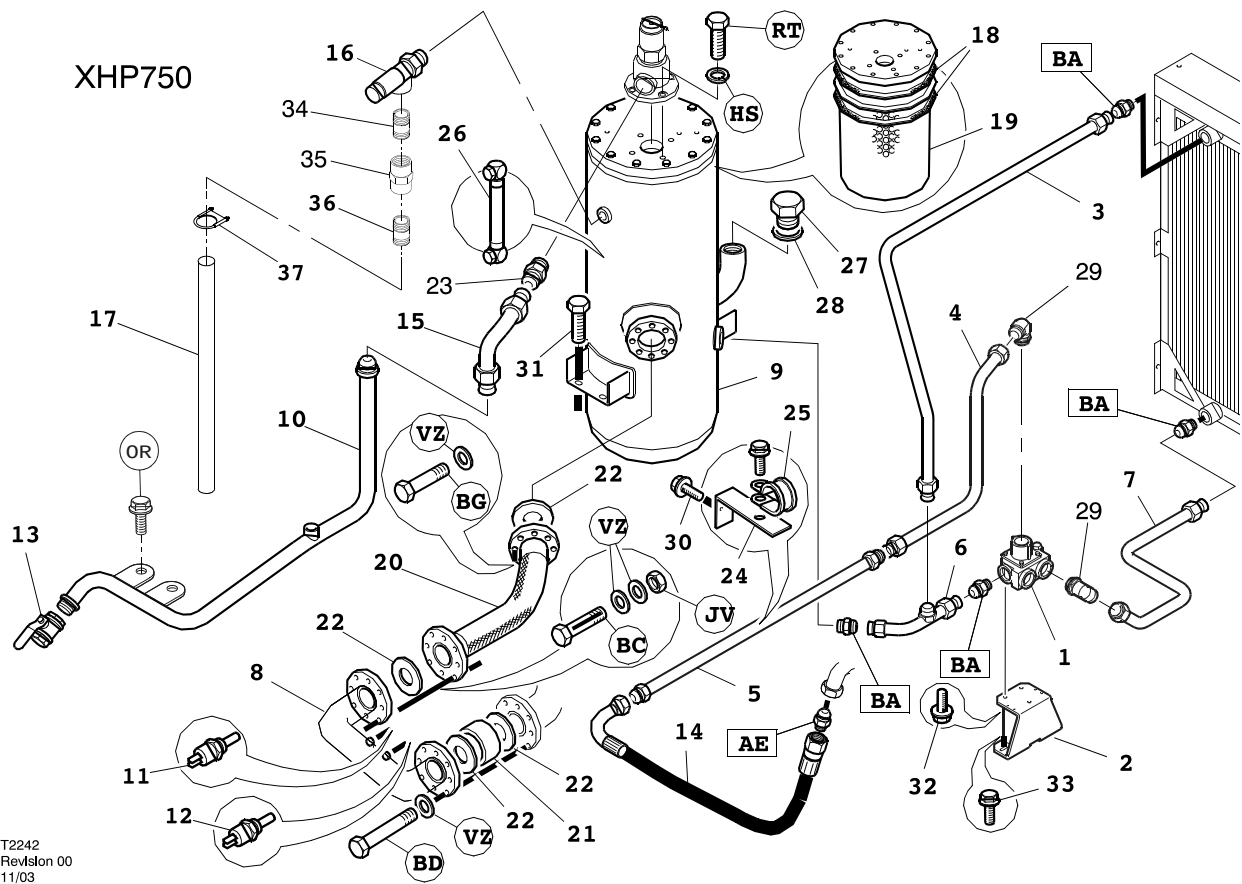
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36893824	Valve, Thermostatic	1	<i>Continued.....</i>
2	22141196	Bracket	1	
3	22139752	Tube Assembly	1	
4	22138721	Tube Assembly	1	
5	54709928	Tube Assembly	1	
6	22138259	Hose Assembly	1	
7	22137939	Tube Assembly	1	
8	22093009	Pipe	1	
9	22144505	Tank, Separator	1	
10	22332605	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	

Oil/Air Piping



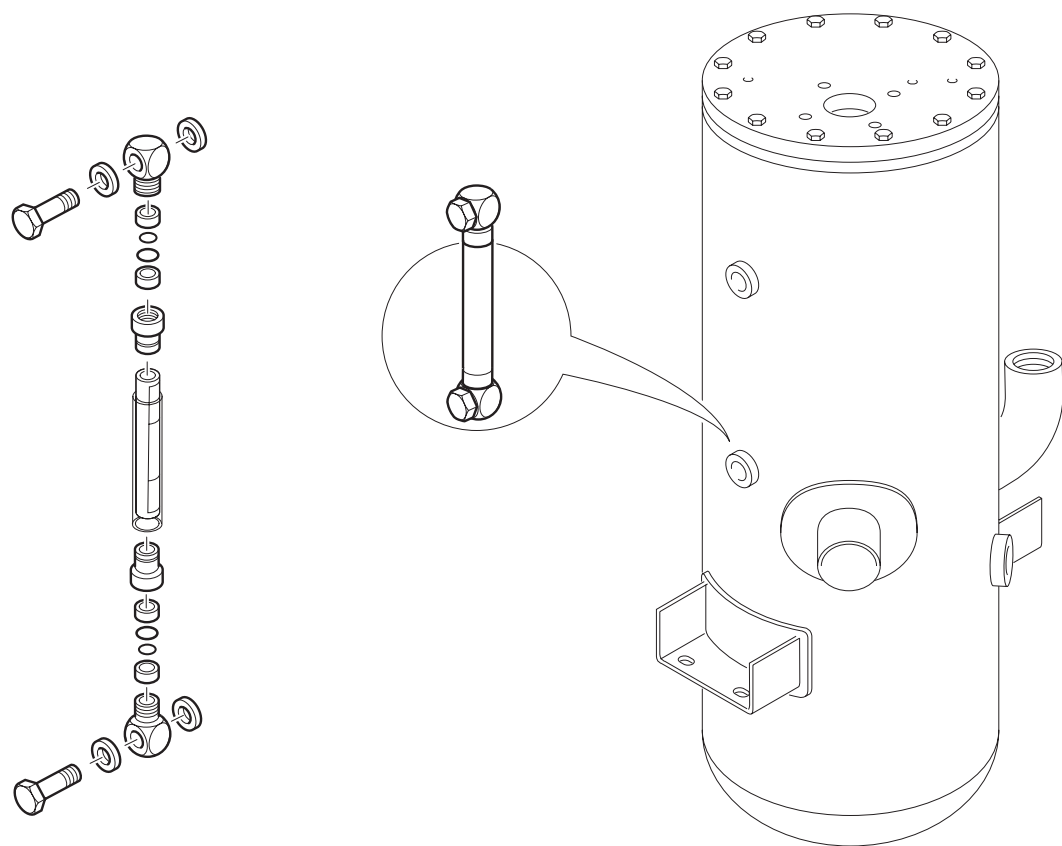
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	22171706	Valve, Safety	1	Continued
17	22599591	Tube assembly (HSRG)	1	
	22599740	Tube assembly (STRG)	1	
18	89304059	Gasket	2	
19	89202022	Element (With Gaskets)	1	
20	92893221	Pipe	1	
21	36843720	Valve, Check	1	
22	39487830	Gasket	4	
23	92895317	Adapter	1	
24	22123491	Bracket	1	
25	92898576	Clip, Retaining	1	
26	92892967	Gage, Oil Level	1	
27	35579630	Cap	1	
28	35279942	O-Ring	1	
29	95431292	Elbow	2	
30	35279025	Screw	2	
				Continued.....

Oil/Air Piping



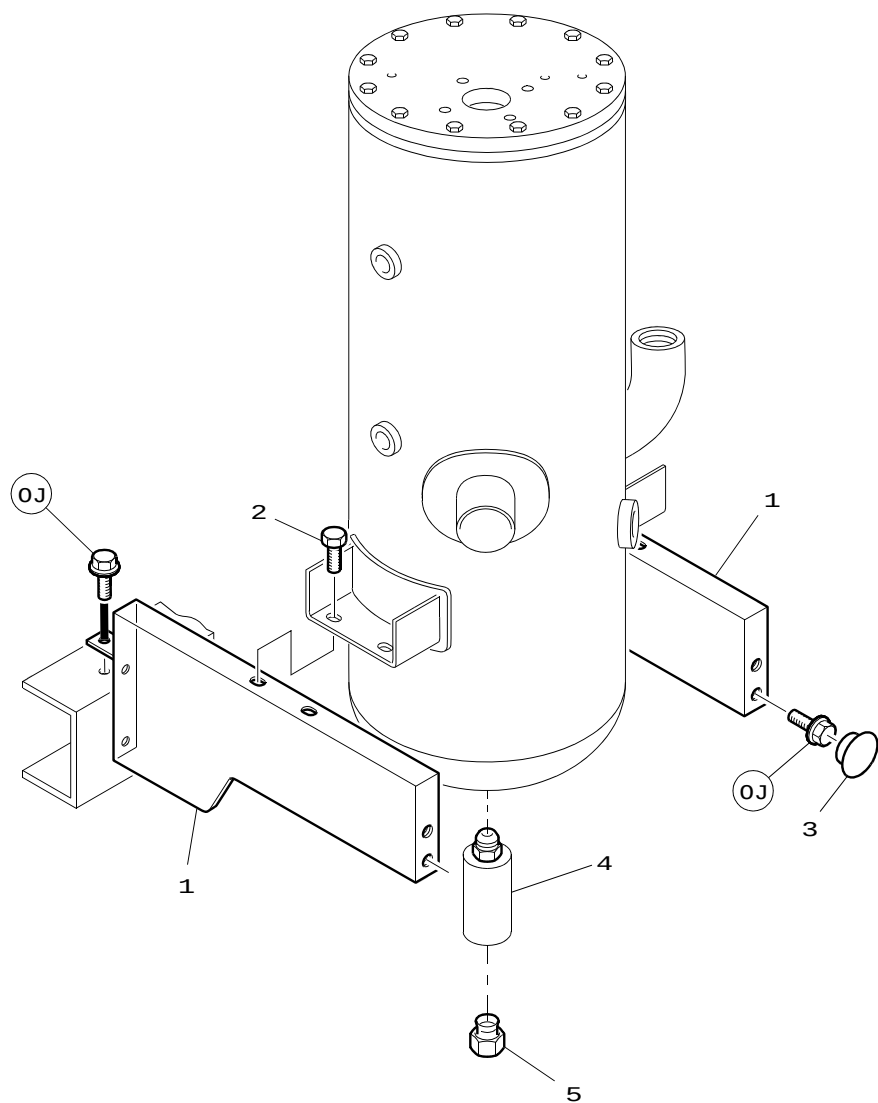
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	36877793	Screw	4	Continued
32	95934543	Screw	3	
33	35279025	Screw	2	
34	95953709	Nipple	1	
35	95918082	Coupling	1	
36	36764389	Nipple	1	
37	35192178	Clamp	1	

Oil/Air Piping



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

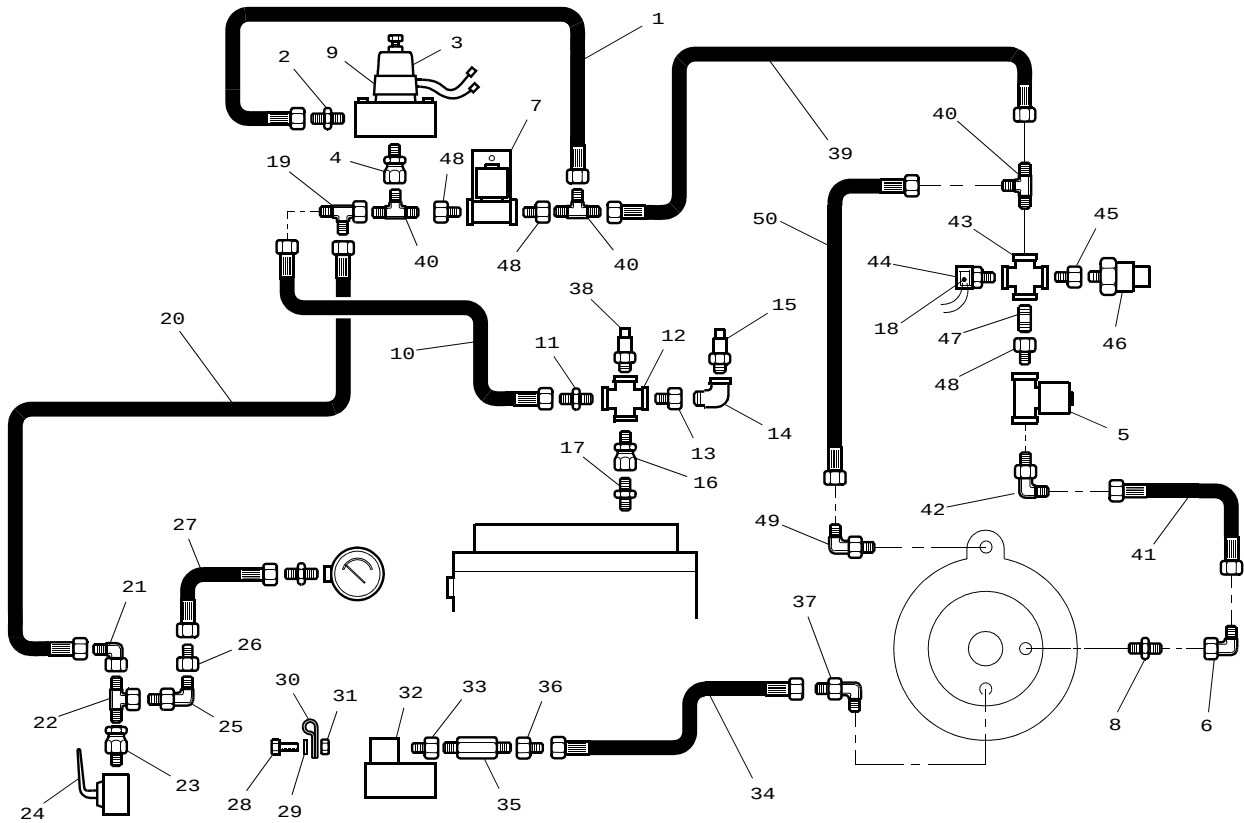
Oil/Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22124291	Bracket, (SRG)	2	
	22182984	Bracket, (HSRG)	2	
2	36877793	Screw	4	
3	89297642	Cap	1	
4	36795680	Valve	1	
5	95947149	Plug	1	

Regulation System

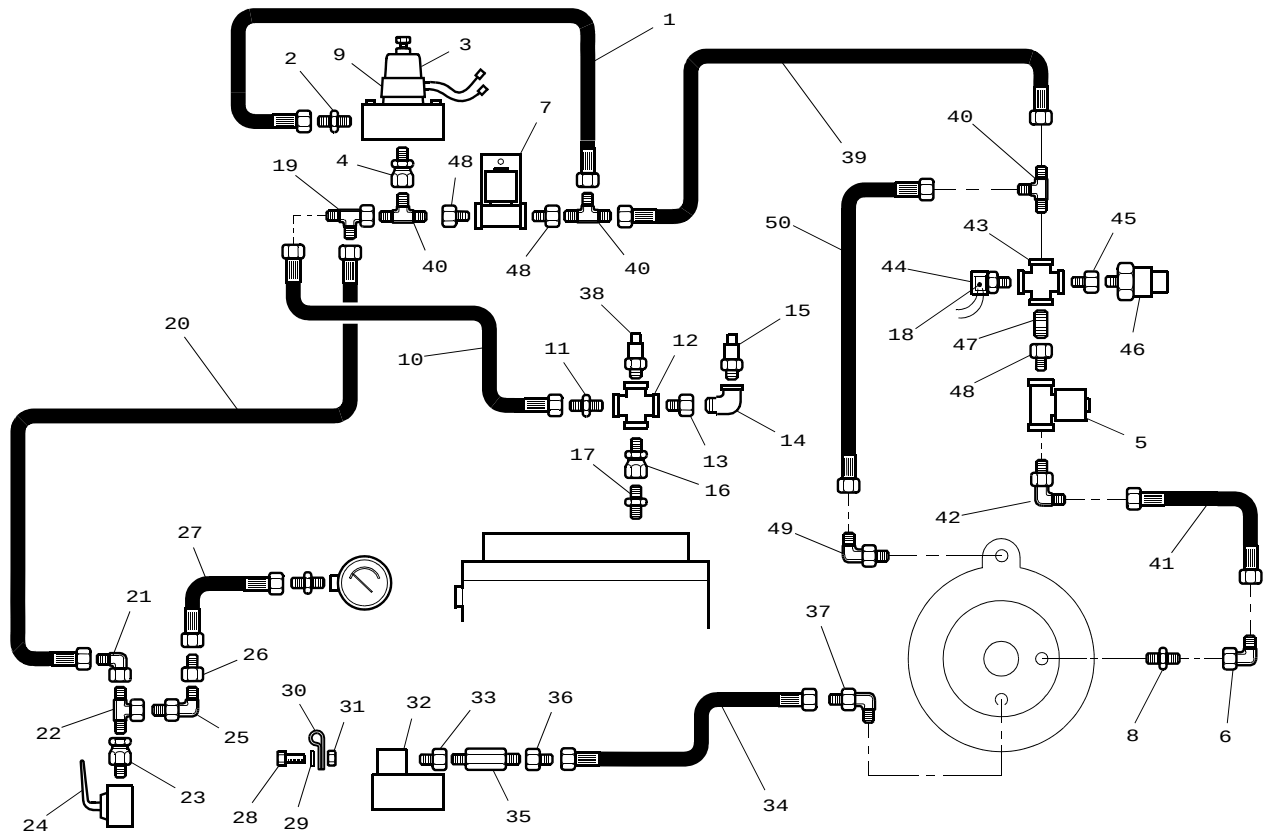
VHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35282946	Hose Assembly	1	<i>Continued.....</i>
2	35284082	Adaptor	1	
3	36896892	Regulator (MHP825, HP915, XP1000)	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	

Regulation System

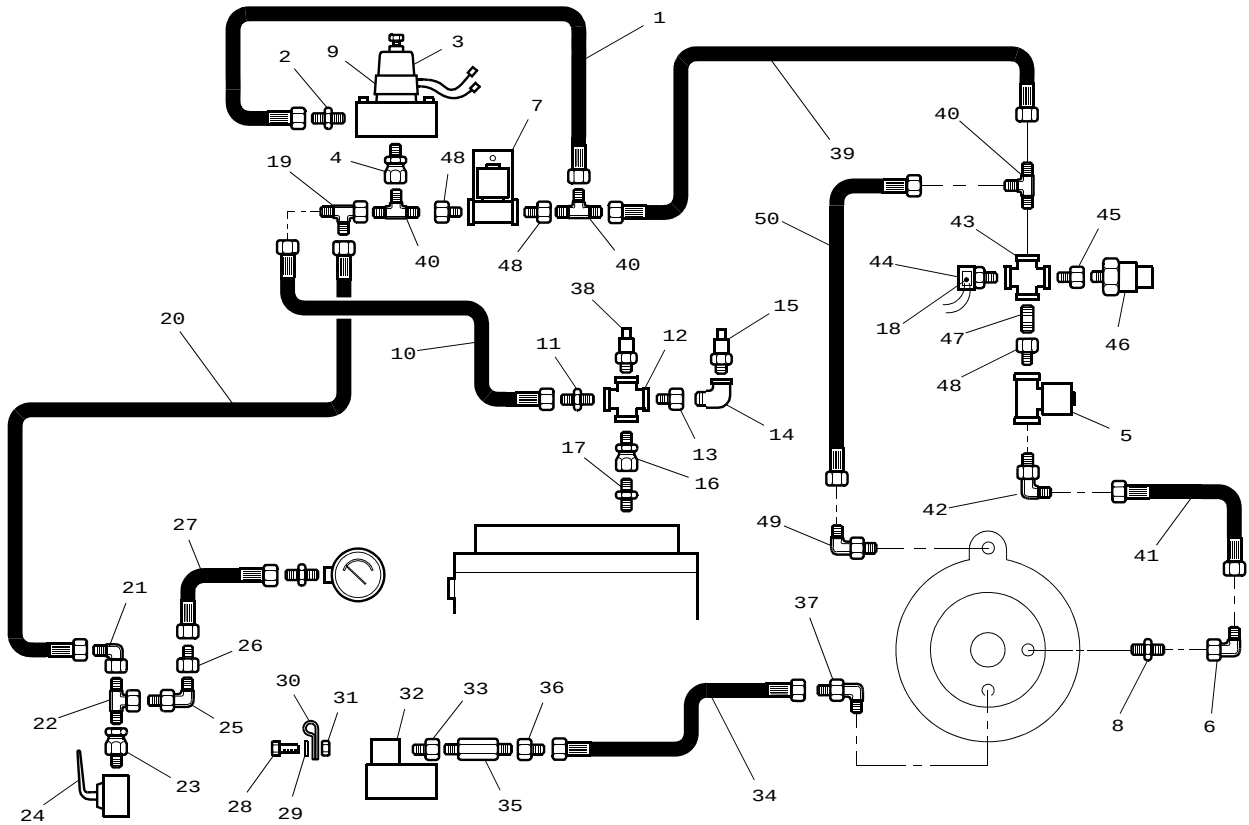
VHP750



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
			1	Continued (0-225psi)
15	54496773	Transducer, Pressure	1	
16	35290147	Adaptor	1	
17	92042936	Adaptor	1	
18	36841526	Heater	1	
19	95415667	Tee	1	
20	35283019	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.....

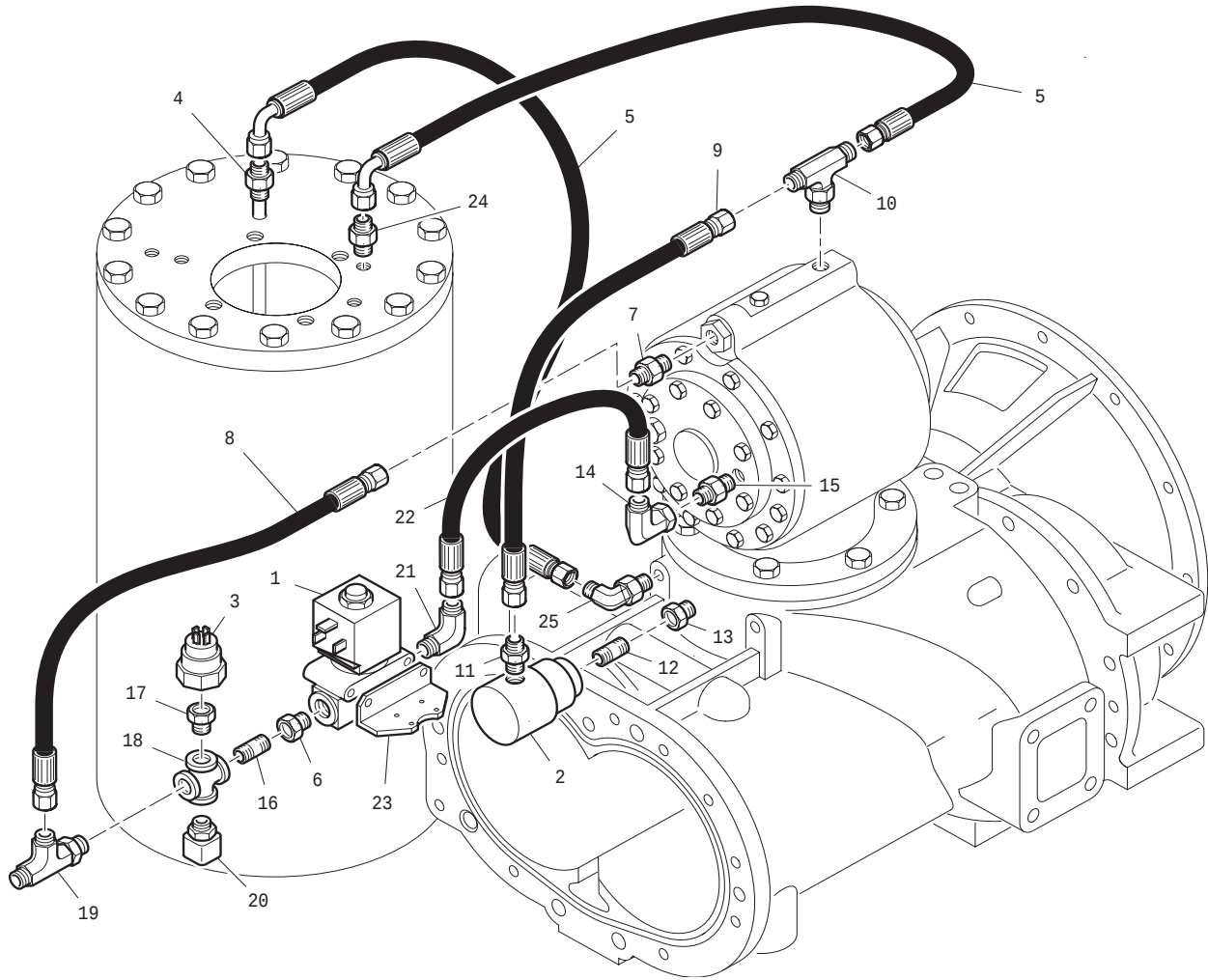
Regulation System

VHP750

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Regulation System

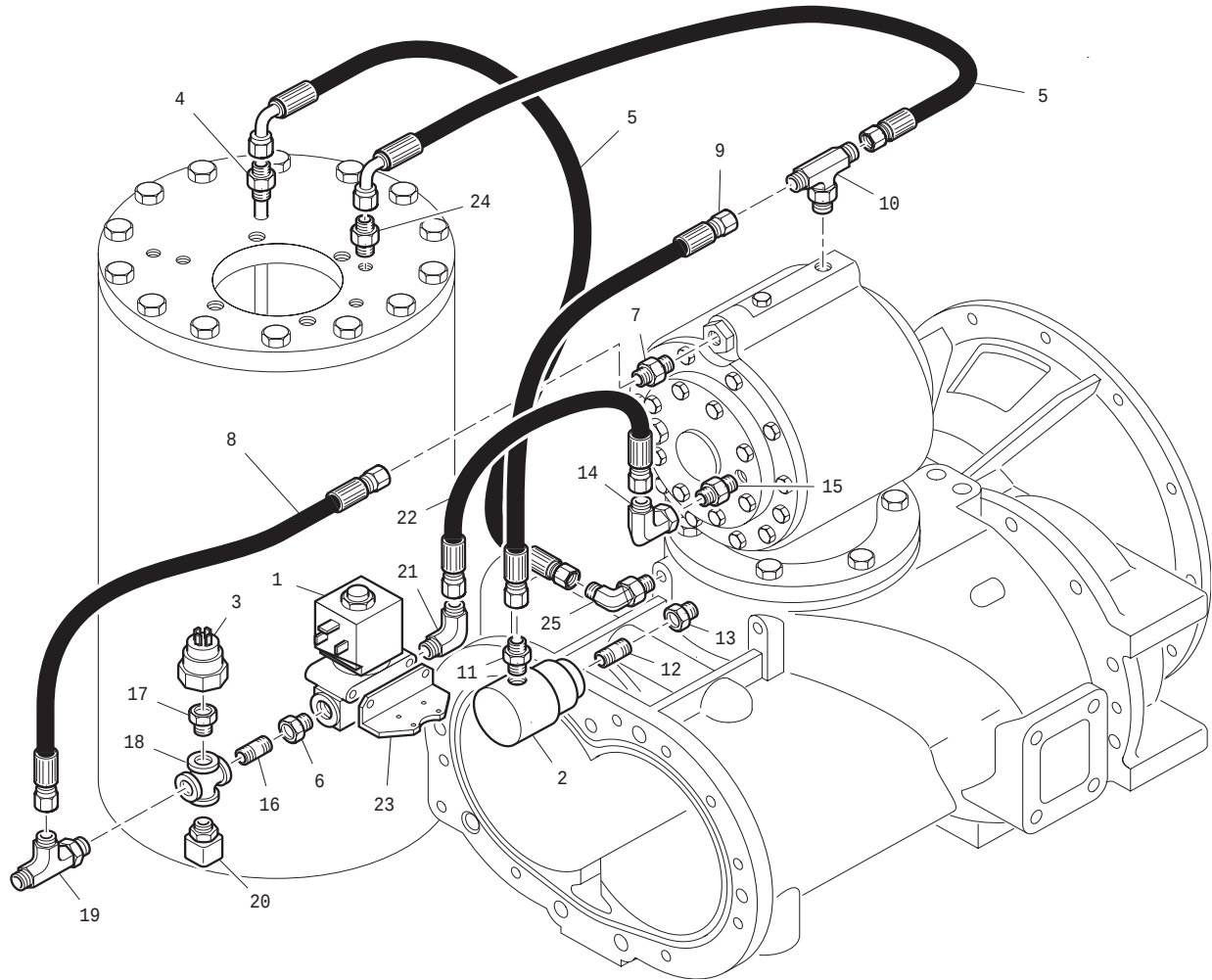
VHP750



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.....

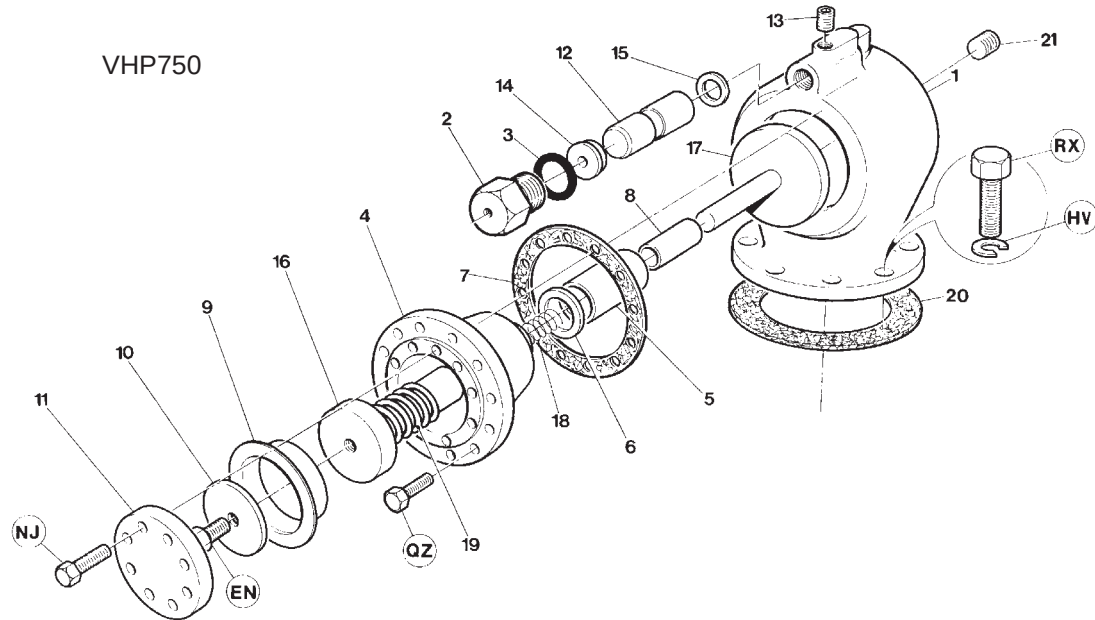
Regulation System

VHP750



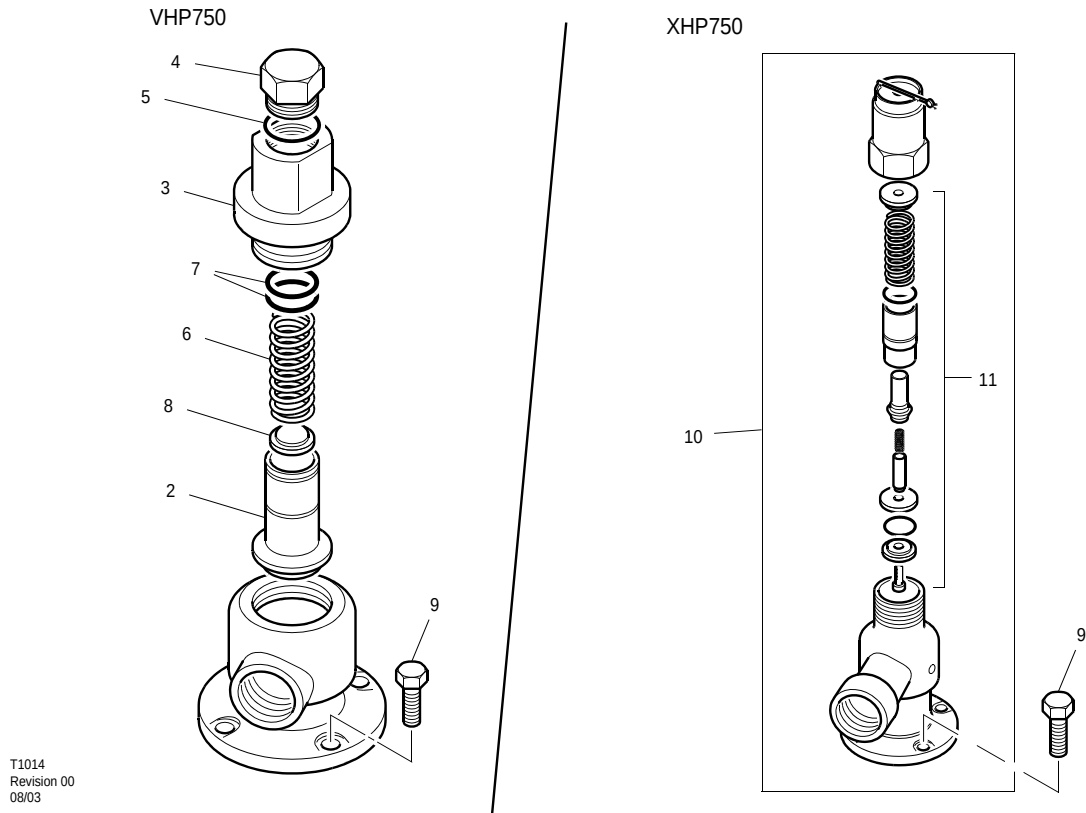
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	95667341	Nipple	1	 <i>Continued</i>
13	35302314	Adaptor	1	
14	35283068	Elbow	1	
15	36840460	Valve, Check	1	
16	95944575	Nipple	1	
17	95930301	Adaptor	1	
18	95954293	Tee	1	
19	35283050	Tee	1	
20	35322346	Orifice	1	
21	35279926	Elbow	1	
22	92080811	Elbow,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

Regulation System



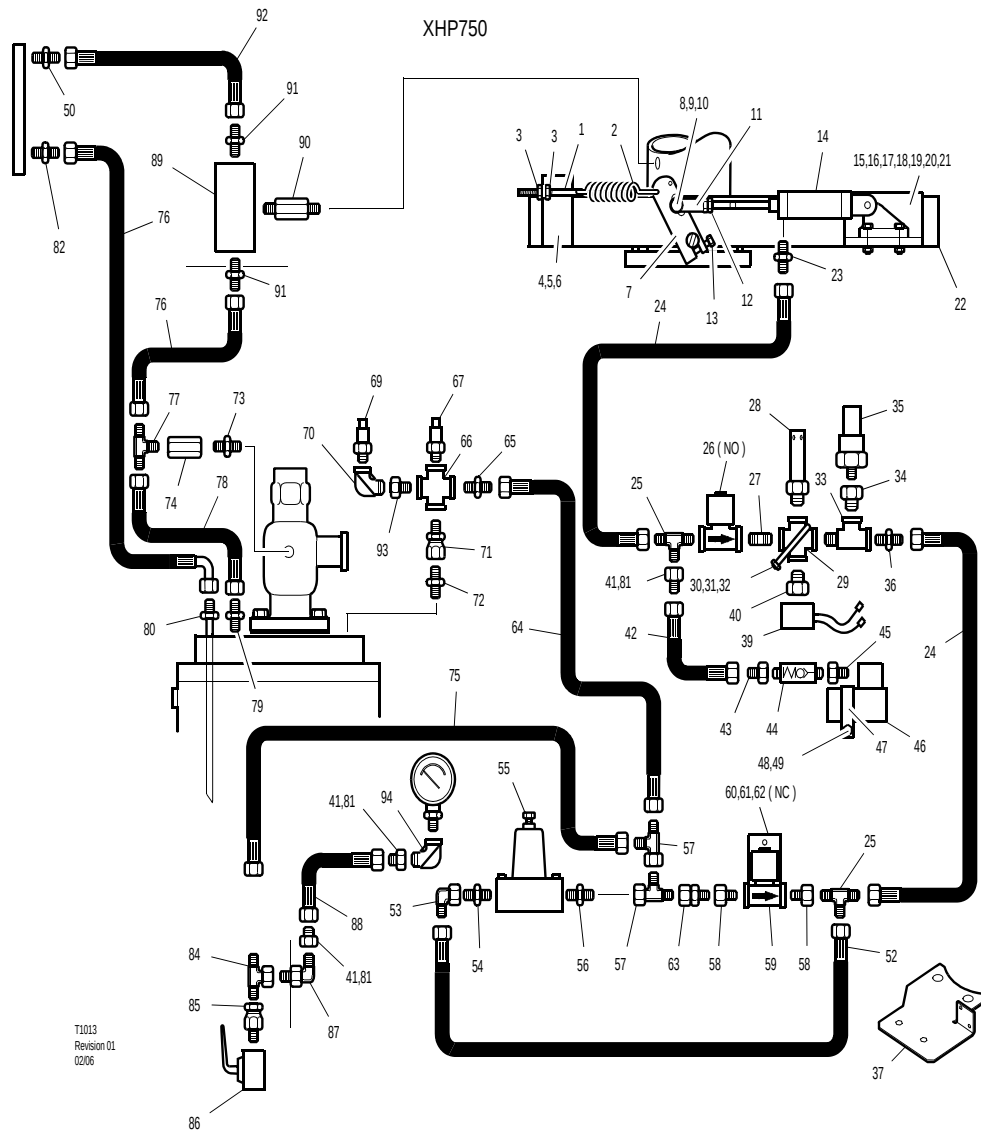
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	35072222	Valve, Unloader	1	
1	36722452	Body	1	
2	35328236	Adaptor	1	
3	95765806	O-Ring	2	
4	36722460	Housing	1	
5	35328228	Bush	1	
6	35328244	Seal	1	
7	35328251	Gasket	1	
8	35328269	Bush	1	
9	35592534	Diaphragm, Unloader Valve	1	
10	35327204	Washer	1	
11	35591189	Cover	1	
12	35328210	Valve	1	
13	95263190	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	95214524	Gasket	1	
21	92257401	Plug	1	

Regulation System



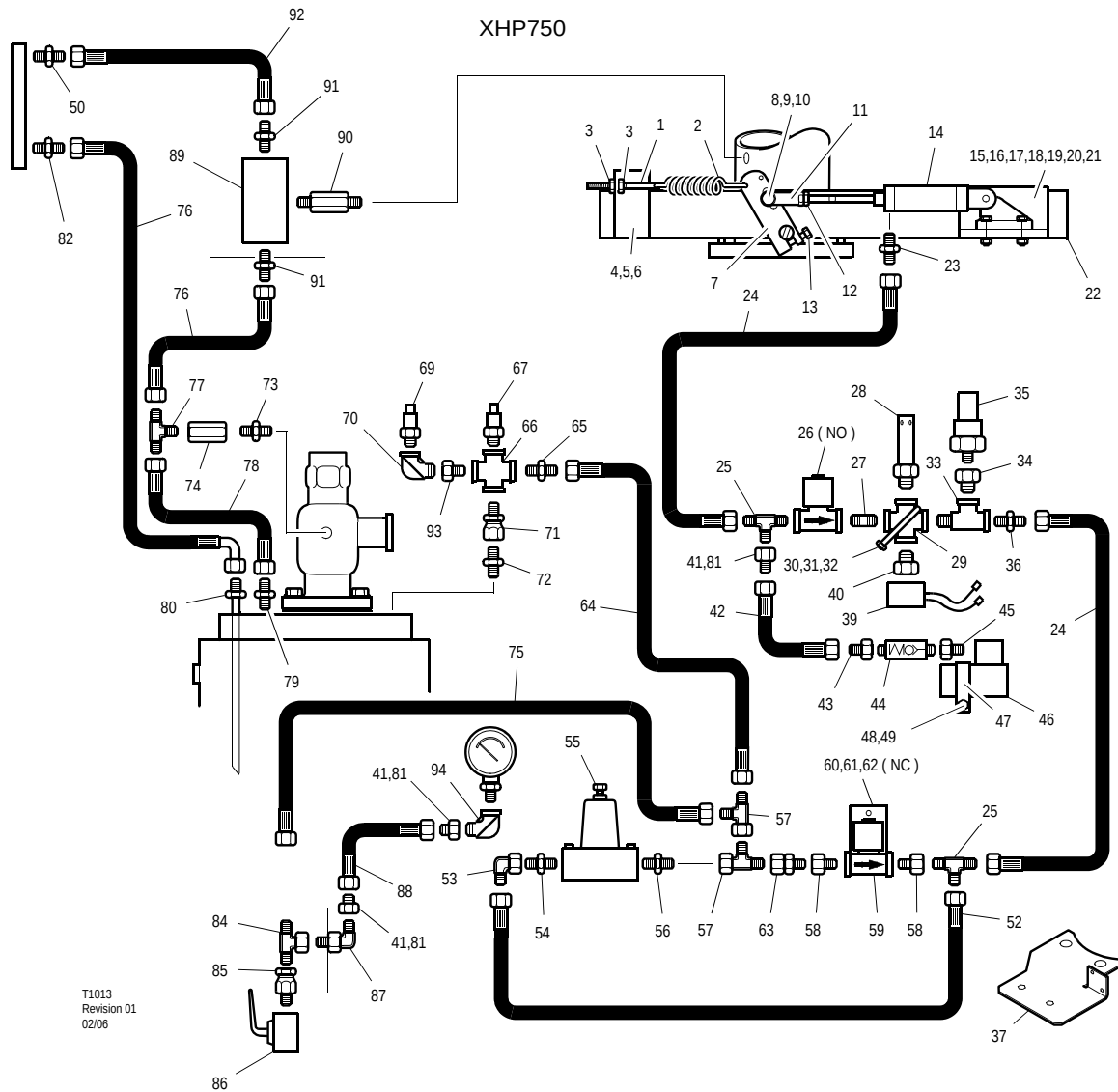
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-8	54571765	Valve, Minimum Pressure (VHP750)	1	
1	89286785	Body	1	
2	92044098	Piston	1	
3	92061944	Housing	1	
4	35579630	Plug	1	
5	35279942	O-Ring	1	
6	35318161	Spring	1	
7	95823688	O-Ring	2	
8	92032648	Spacer	1	
9	35375385	Screw	4	
10	92892975	Valve, Minimum Pressure (XHP750)	1	
11	92951075	Kit, Minimum Pressure Valve (XHP750)	1	

Regulation System



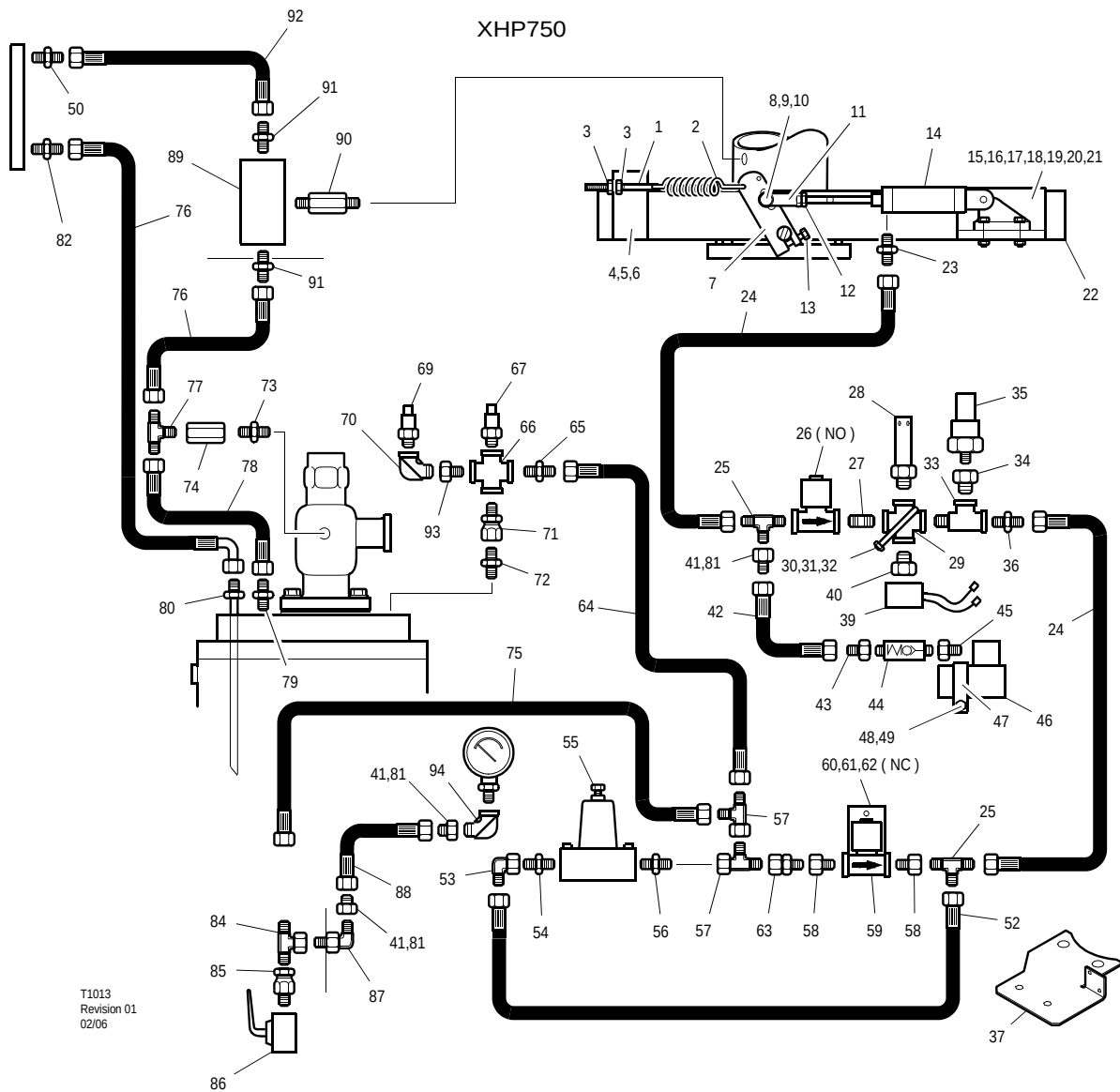
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912021	Rod	1	
2	35317700	Spring	1	
3	96735550	Nut	5	
4	89252118	Bracket	1	
5	36889608	Screw	2	
6	36881886	Nut	2	
7	89252126	Lever	1	
8	96719265	Screw	1	
9	95935037	Washer	1	
10	36879195	Nut	1	
11	89201966	Ball-Joint	1	
12	96735550	Nut	2	
13	92421353	Screw	1	Continued.....

Regulation System



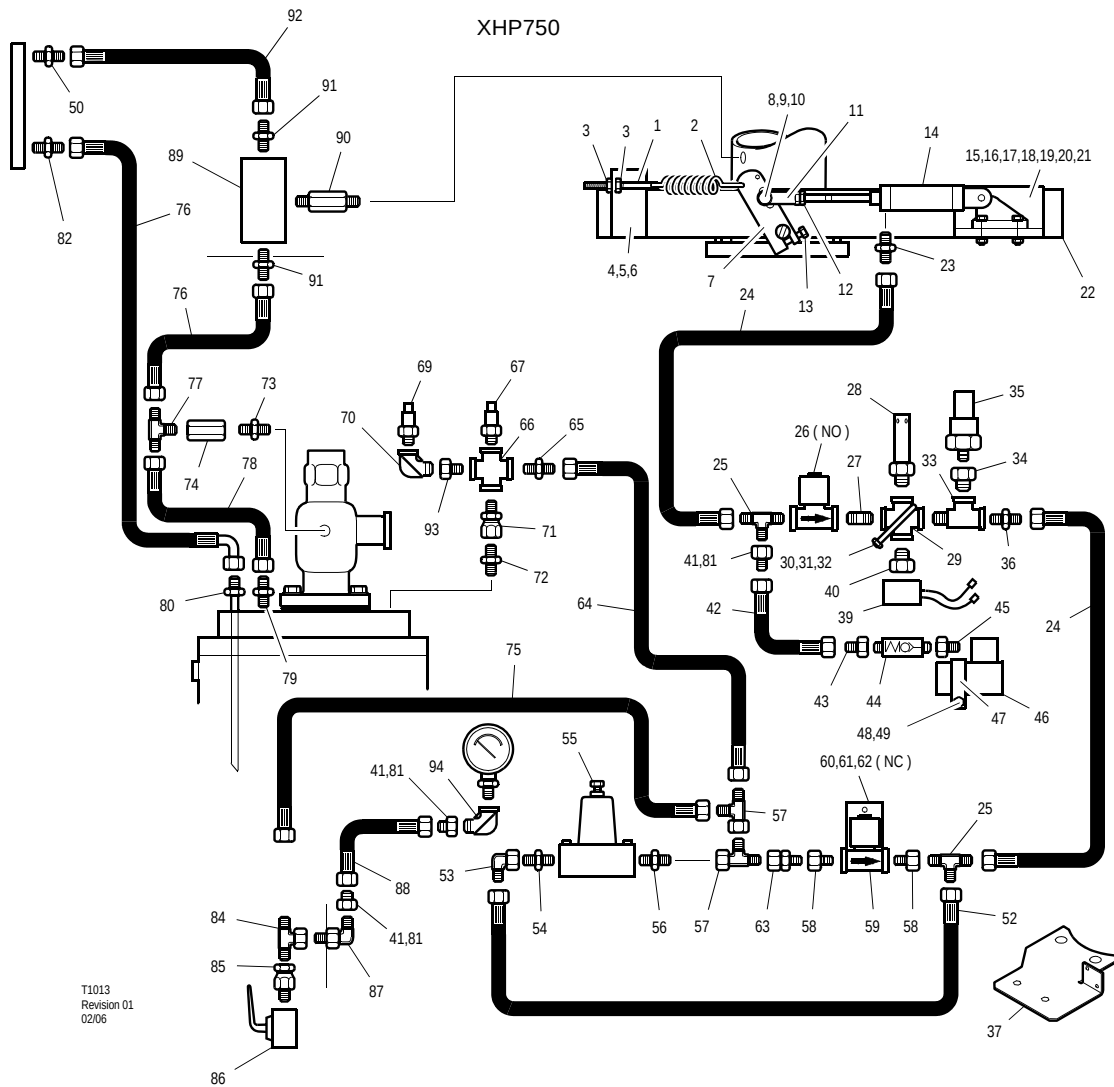
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	89249072	Cylinder Assembly	1	Continued
15	89202188	Bracket	1	
16	92304492	Nut	4	
17	92340058	Screw	4	
18	92304641	Washer	8	
19	92304583	Nut	4	
20	36889608	Screw	2	
21	36881886	Nut	2	
22	89201768	Bracket	1	
23	92118462	Adaptor	1	
24	35330513	Hose Assembly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

Regulation System



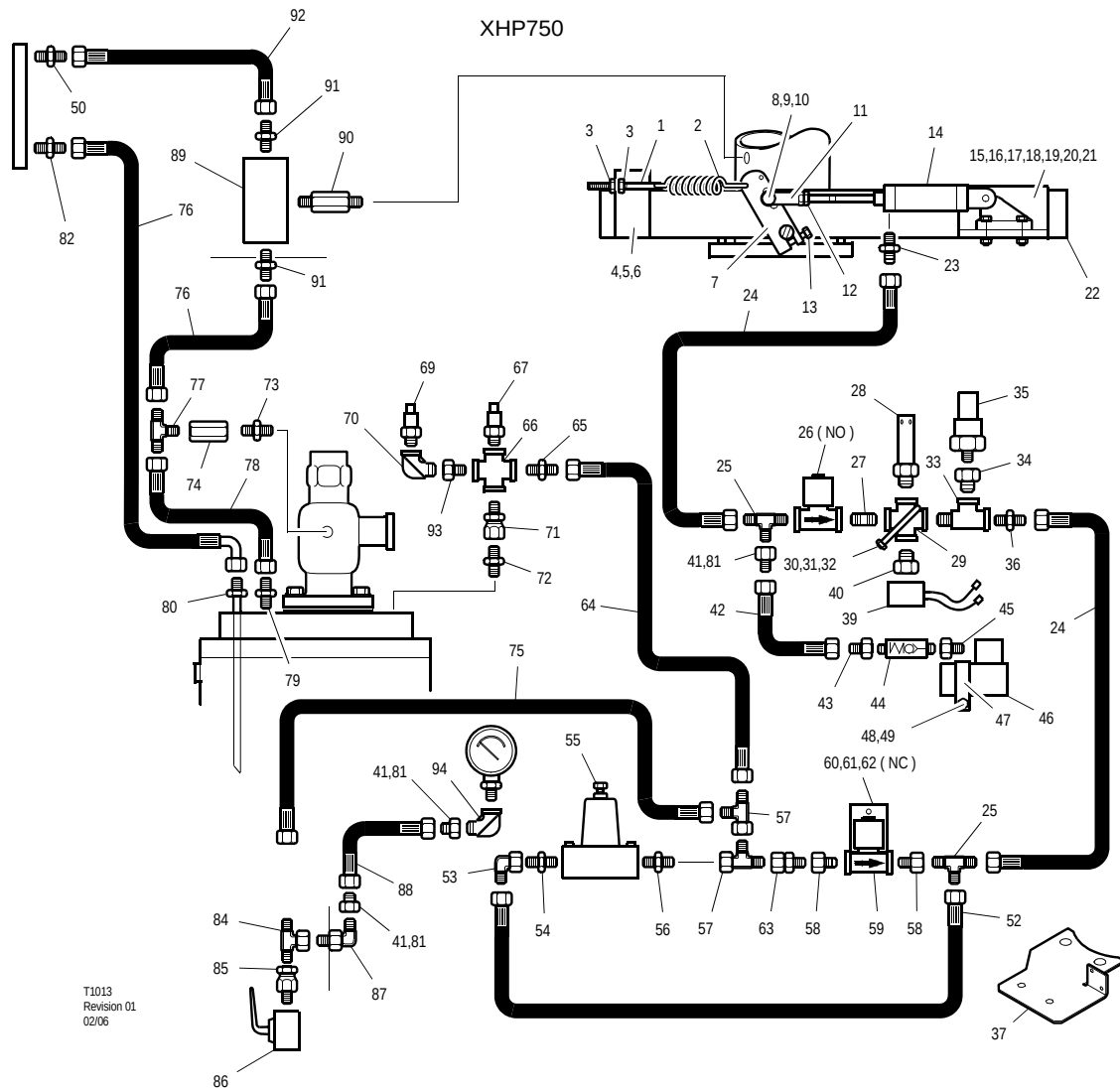
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
27	95242442	Nipple	1	 <i>Continued</i>
28	35325133	Valve, Safety	1	
29	95588505	Cross	1	
30	35166404	U-Bolt	1	
31	95935029	Washer	1	
32	95923298	Nut	1	
33	95944690	Tee	1	
34	95930301	Adaptor	1	
35	36920825	Transducer, Pressure	1	
36	35284082	Adaptor	1	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

Regulation System



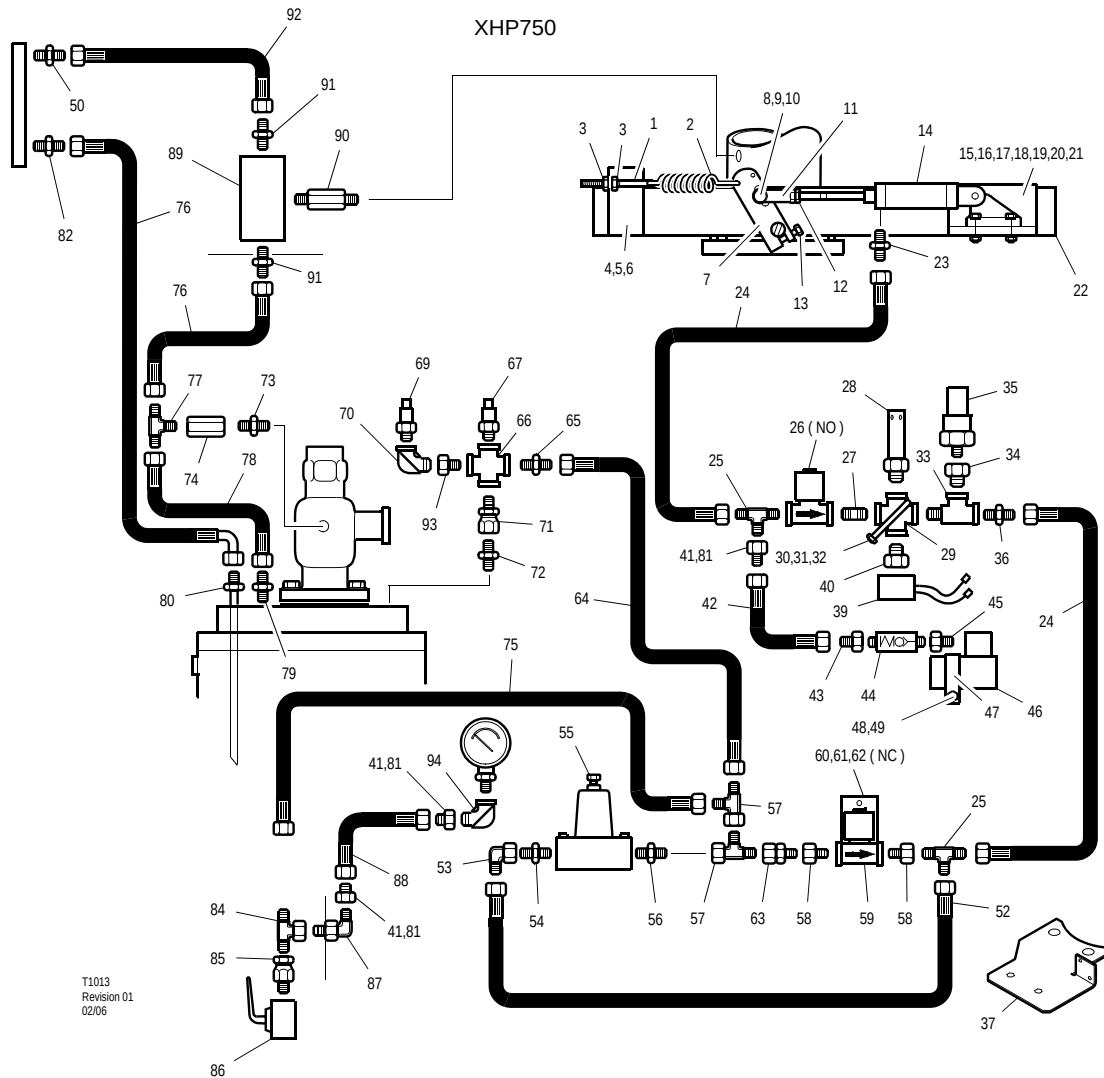
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
39	36841526	Heater	1	Continued
40	35322346	Orifice	1	
41	35306091	Reducer	1	
42	35358662	Hose Assembly	1	
43	35294487	Adaptor	1	
44	35248145	Valve, Check	1	
45	22246714	Adaptor	1	
46	36850691	Compressor	1	
47	35119718	Clamp	2	
48	36898096	Screw	2	
49	95935029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

Regulation System



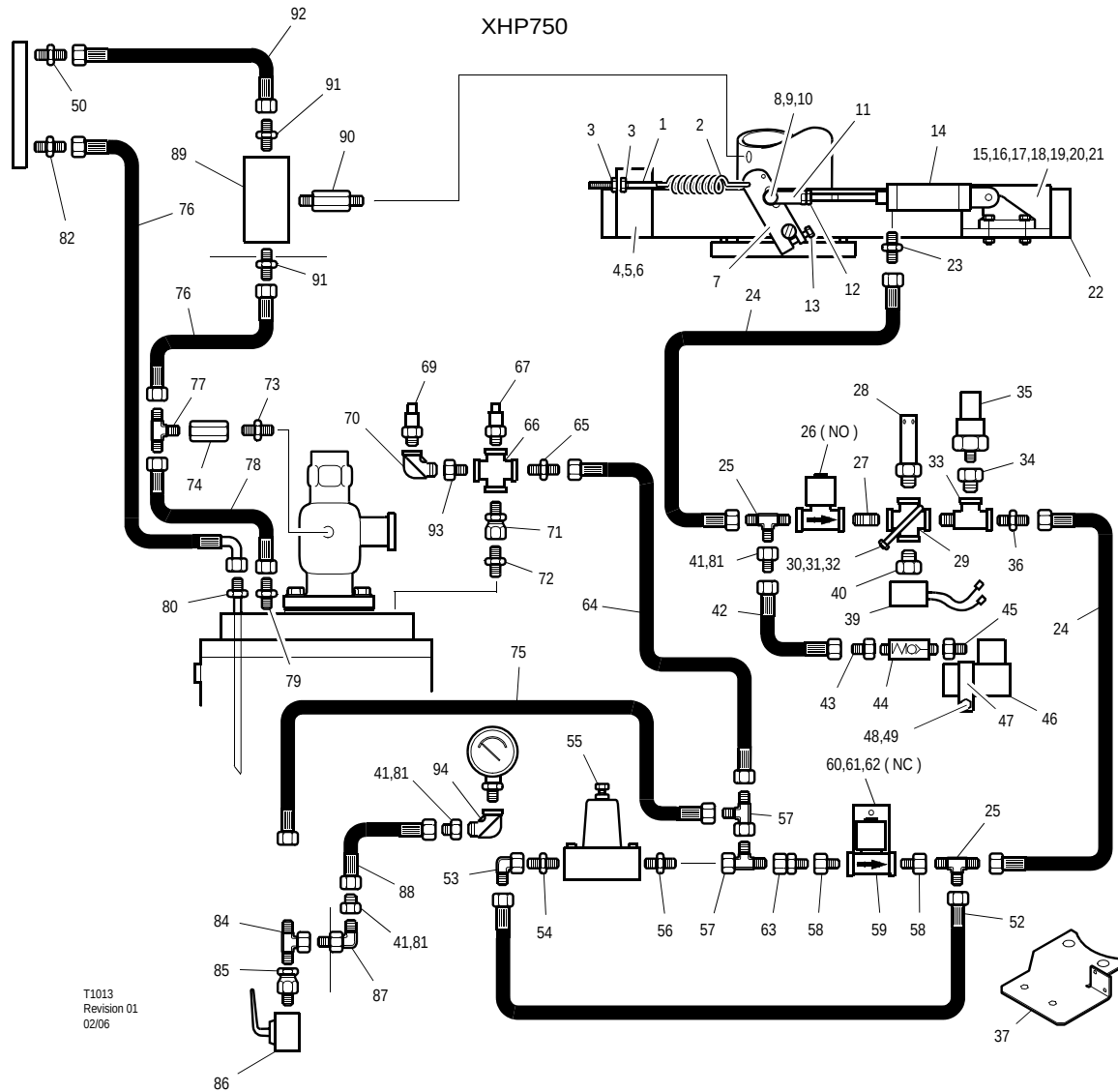
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
53	35283068	Elbow	1	Continued
54	92478387	Adaptor	1	
55	92956093	Regulator	1	
56	92478387	Adaptor	1	
57	95415667	Tee	2	
58	95940748	Adaptor	2	
59	36842300	Valve, Solenoid	1	
60	36895746	Nutsert	2	
61	35291285	Clamp	2	
62	35279025	Screw	2	
63	35367846	Connector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

Regulation System



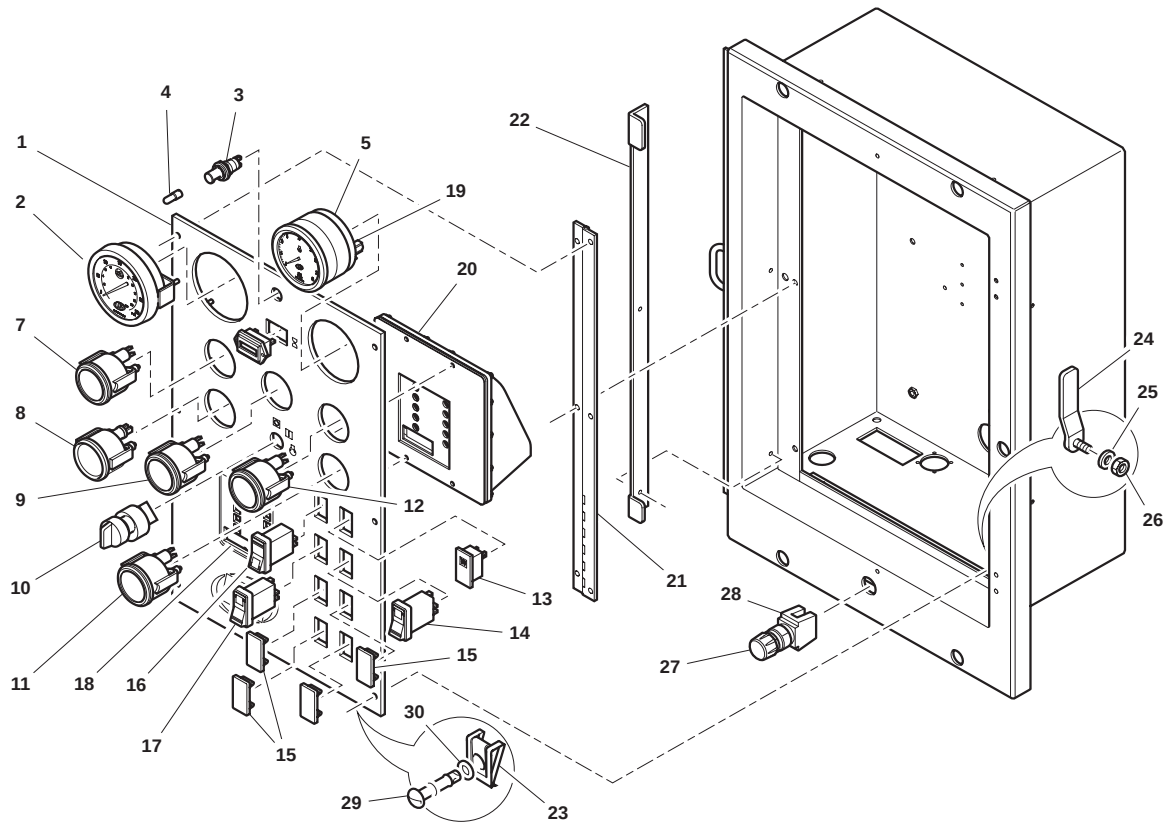
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
67	36898922	Sensor, Temperature	1	Continued
68	35306091	Adaptor	1	
69	54765946	Switch	1	
70	95757183	Elbow	1	
71	35290147	Adaptor	1	
72	92042936	Adaptor	2	
73	92415363	Adaptor	1	
74	92101054	Valve, Check	1	
75	35282979	Hose Assembly	1	
76	54718432	Hose Assembly	2	
77	92971803	Tee	1	
78	35283282	Hose Assembly	2	Continued.....
79	92042936	Adaptor	1	
80	22231476	Scavenge Tube	1	

Regulation System



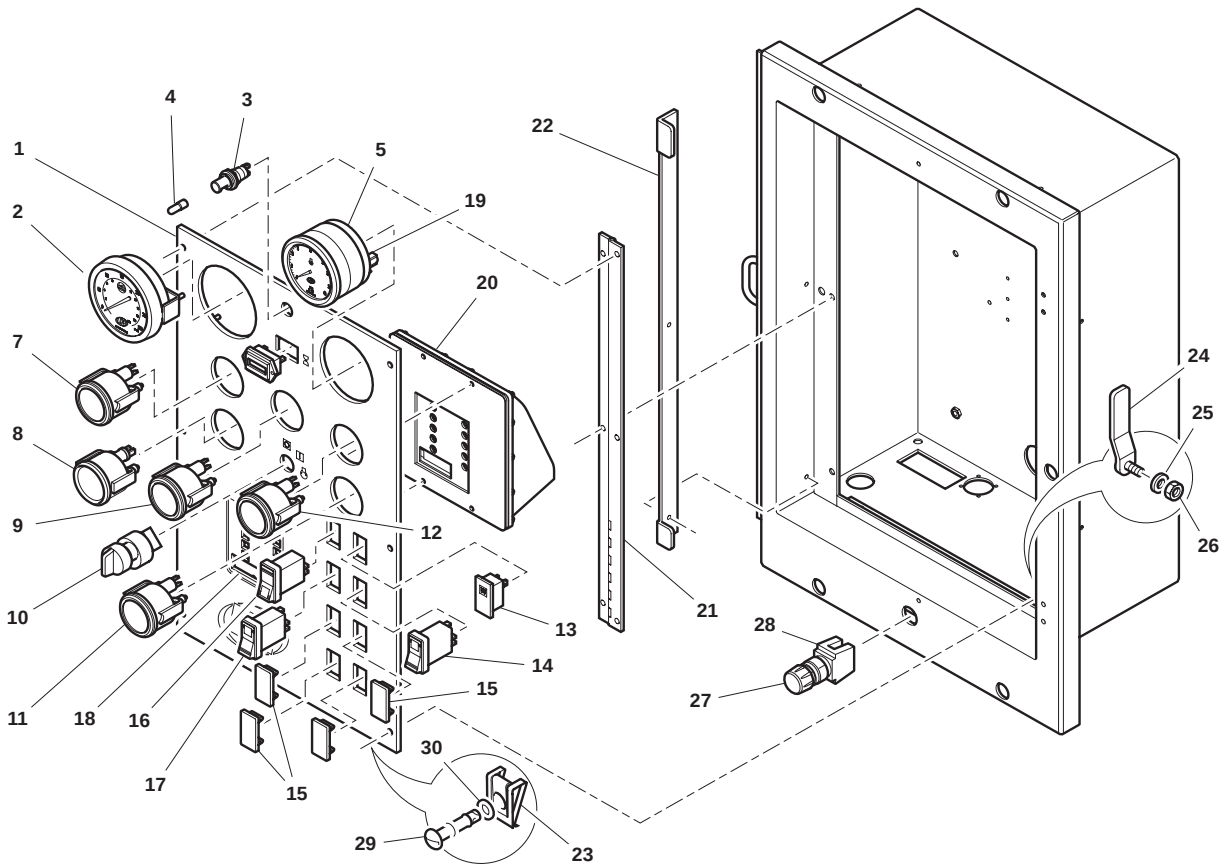
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
81	35306109	Nut, Tube	1	Continued
82	92955244	Adaptor, Orifice	1	
83	35282979	Hose Assembly	1	
84	35283092	Tee	1	
85	35367846	Adaptor	1	
86	35324839	Valve, Ball	1	
87	36852499	Elbow	1	
88	35283241	Hose Assembly	1	
89	92892959	Valve, Auto Blowdown	1	
90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

Instrumentation/Electrical System



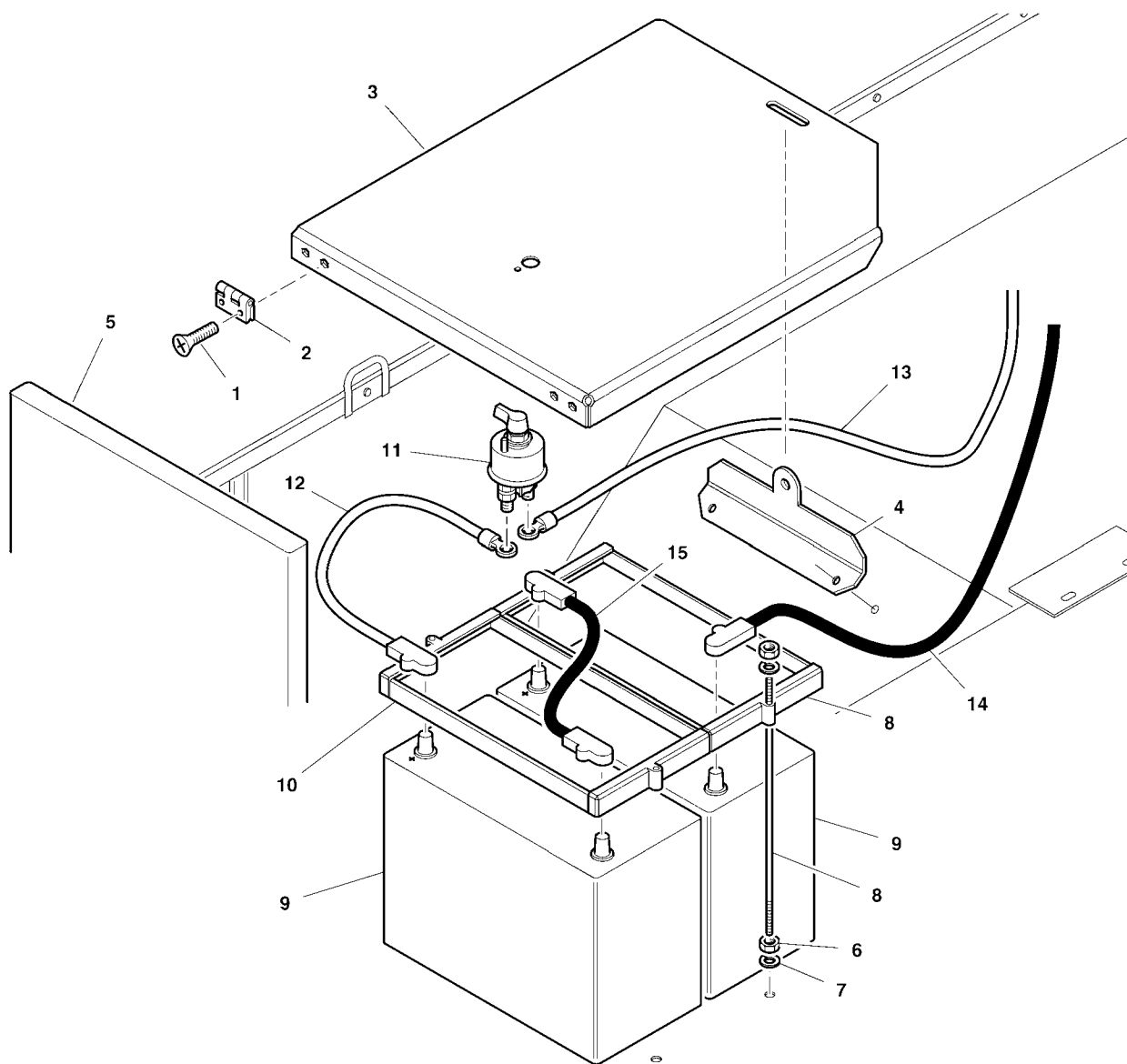
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22105571	Panel	1	
2	22105639	Gauge, Pressure	1	(300psi)
	36841468	Gauge, Pressure	1	(600psi)
3	36852622	Light	1	
4	22113880	Bulb, Light	1	
5	22055883	Tachometer Alternator	1	
6	54766704	Hourmeter	1	
7	22692610	Gauge, Temperature (Discharge)	1	
8	22692594	Gauge, Voltmeter	1	
9	22692602	Gauge, Fuel	1	
10	22134118	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



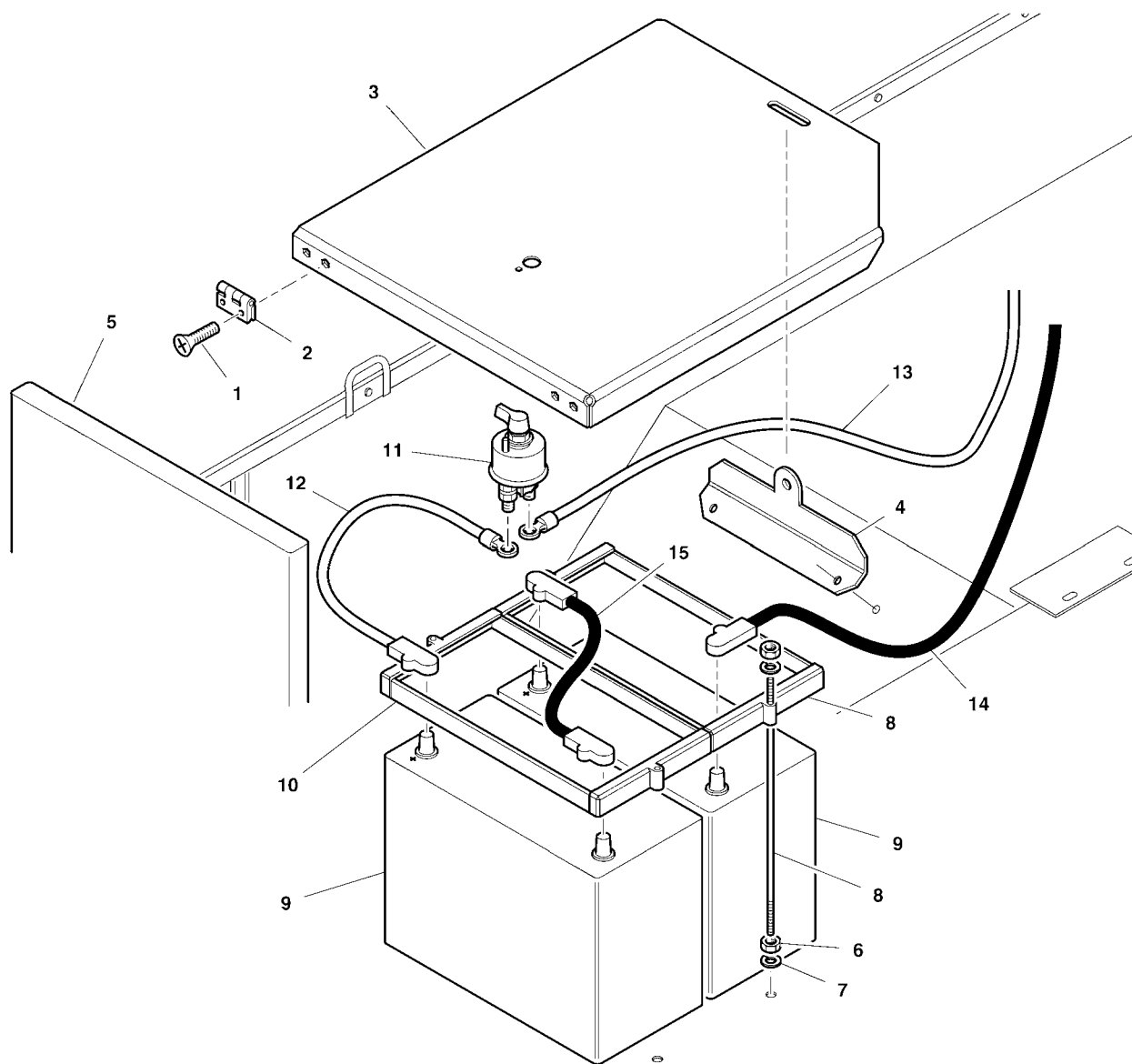
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053896	Switch, Light	1	Continued
15	22054142	Cover, Switch	4	
16	22054076	Switch, Push After Warm-up	1	
17	22054050	Switch, Heater	1	
18	22055800	Decal, Wedge	1	
19	22054159	Nut	2	
20	22173579	Controller, Wedge	1	
21	36840908	Hinge	1	
22	22105134	Support	1	
23	35314582	Receptacle, Fastner	3	
24	35603349	Latch	1	
25	95935037	Washer	1	
26	35273366	Nut	1	
27	89303127	Button, Emergency Stop	1	
28	89303135	Contact Modules, Emergency Stop	2	
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	
2	88152392	Hinge	2	
3	22099477	Cover, SRG	1	
	22099469	Cover, HSRG	1	
4	22099584	Latch, SRG	1	
	22101067	Latch, HSRG	1	
5	22101059	Hinge, Bracket, HSRG	1	
6	92398106	Nut	8	
				Continued.....

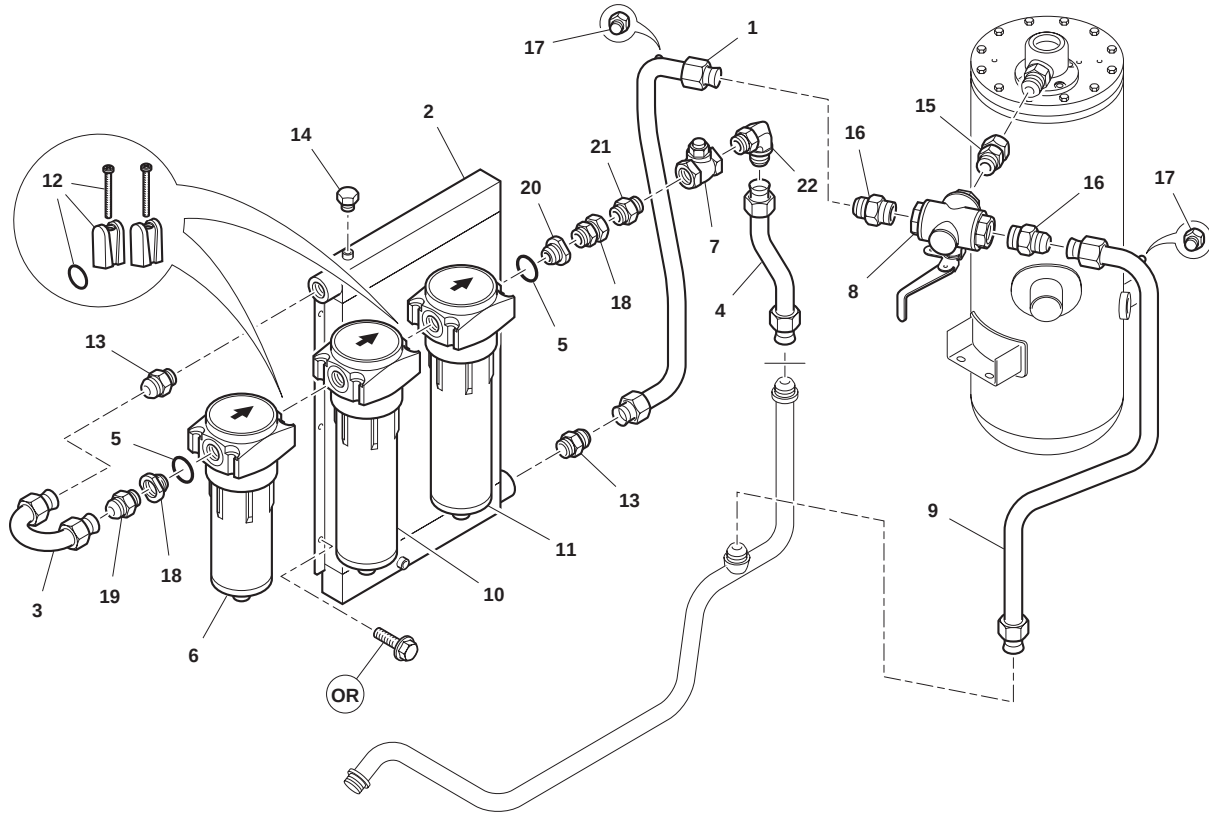
Instrumentation/Electrical System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
7	92341981	Washer	8	Continued
8	92776749	Stud	4	
9	36844975	Battery	2	
10	88114954	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

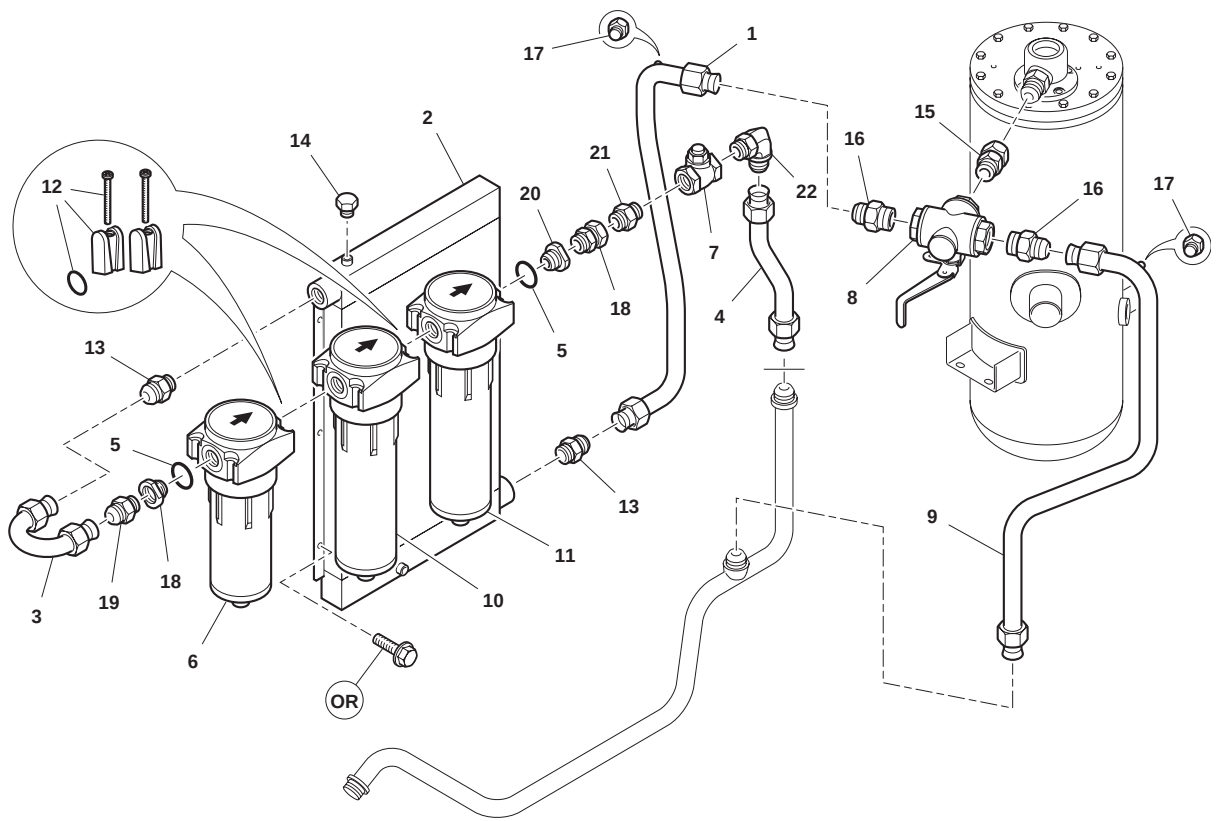
VHP750



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

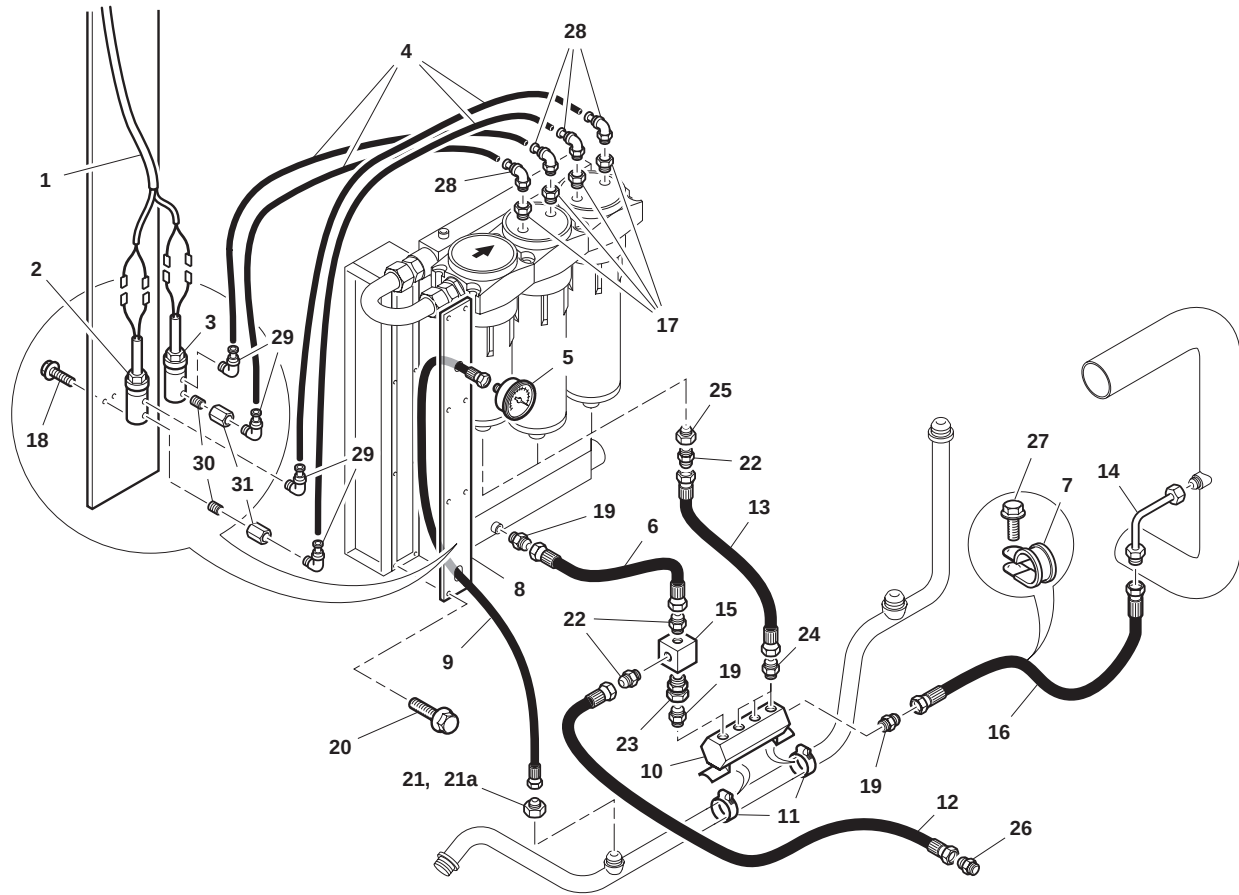
VHP750



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

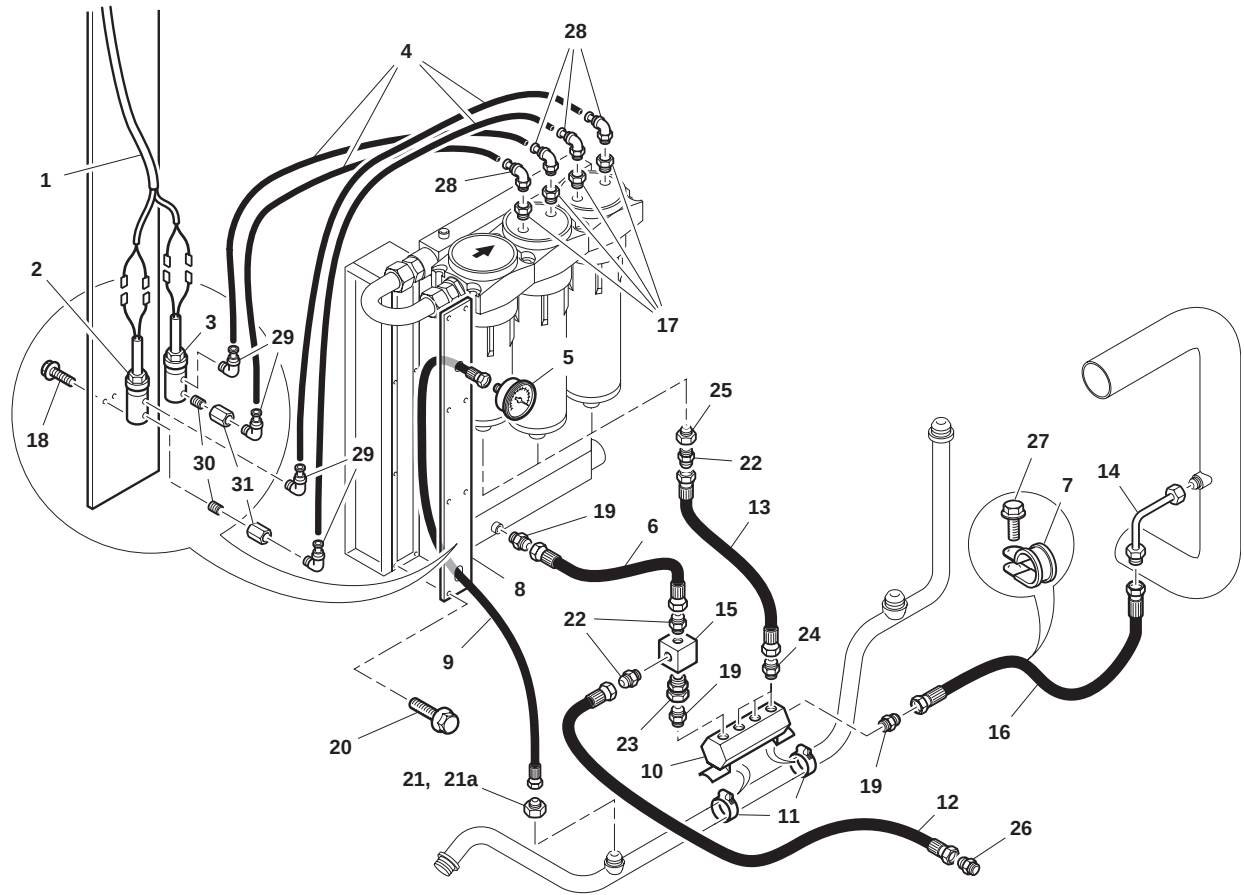
VHP750



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.....

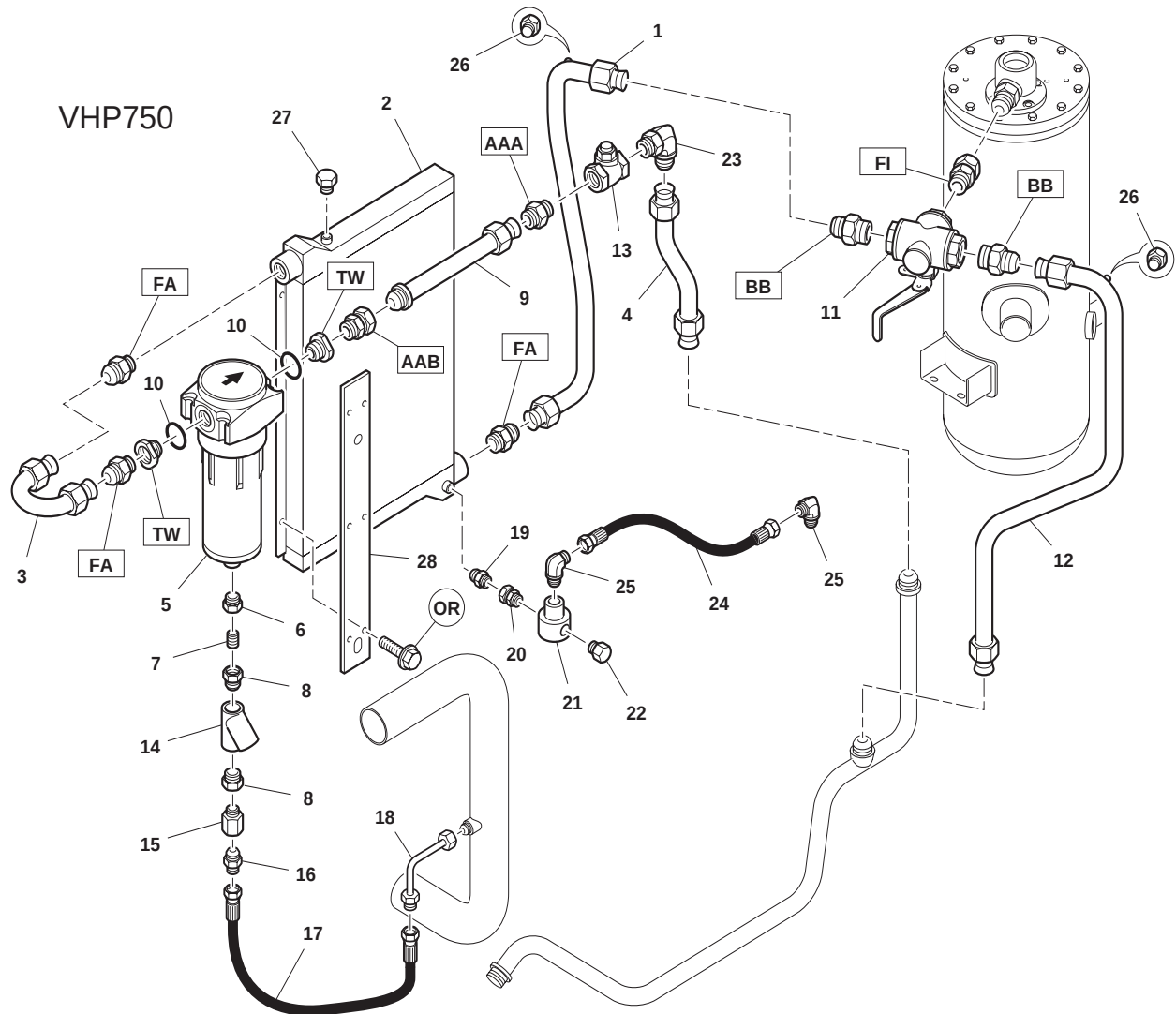
Option - IQ

VHP750



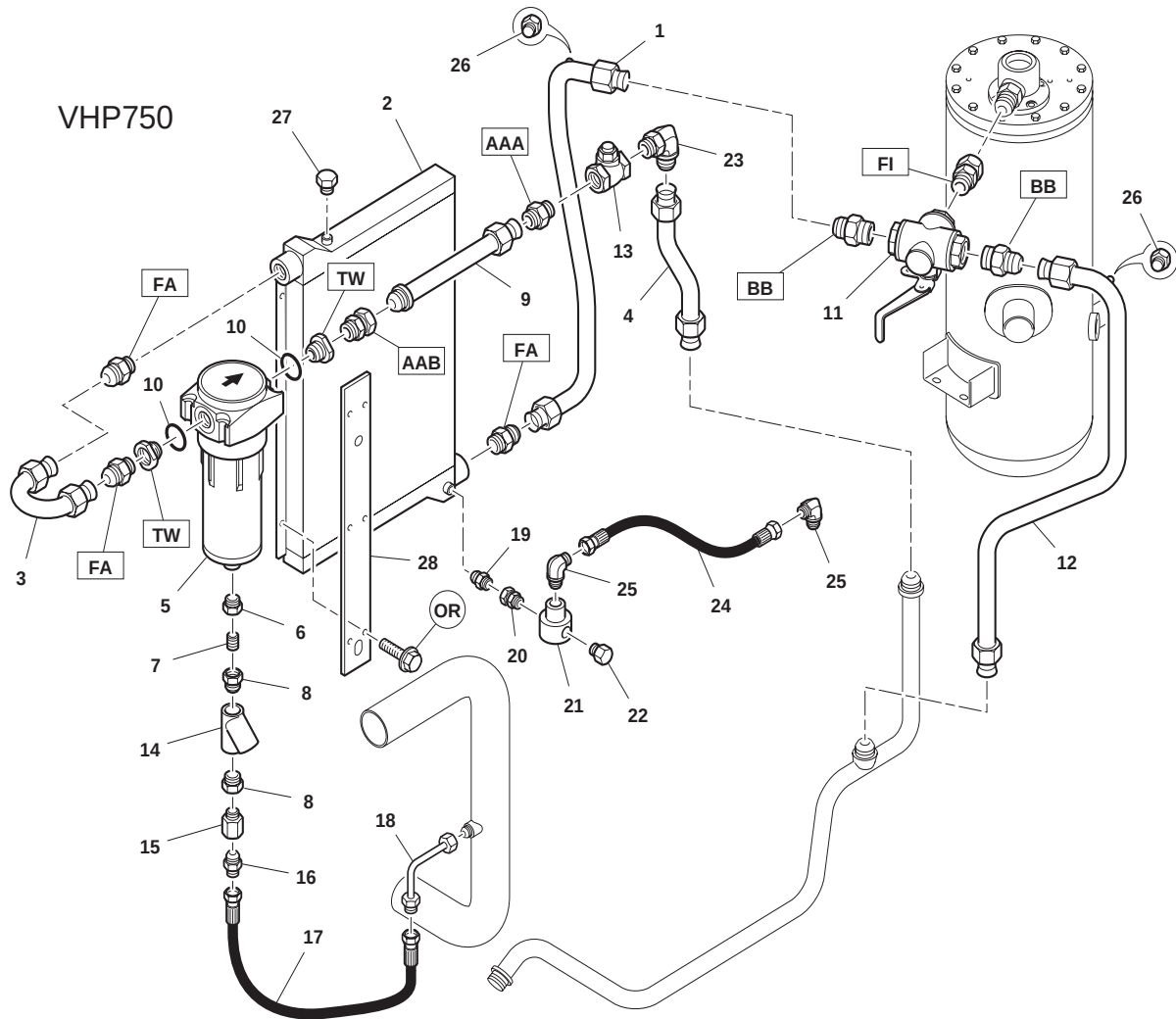
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	54598784	Adaptor	4	Continued
18	95934774	Screw	4	
19	95365078	Adaptor	3	
20	36889608	Screw	6	
21	93186278	Adaptor	1	
21a	35324987	Nut	1	
22	35284082	Adaptor	3	
23	35367846	Adaptor	1	
24	54592167	Orifice	3	
25	89292411	Adaptor	3	
26	35279934	Adaptor	1	
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



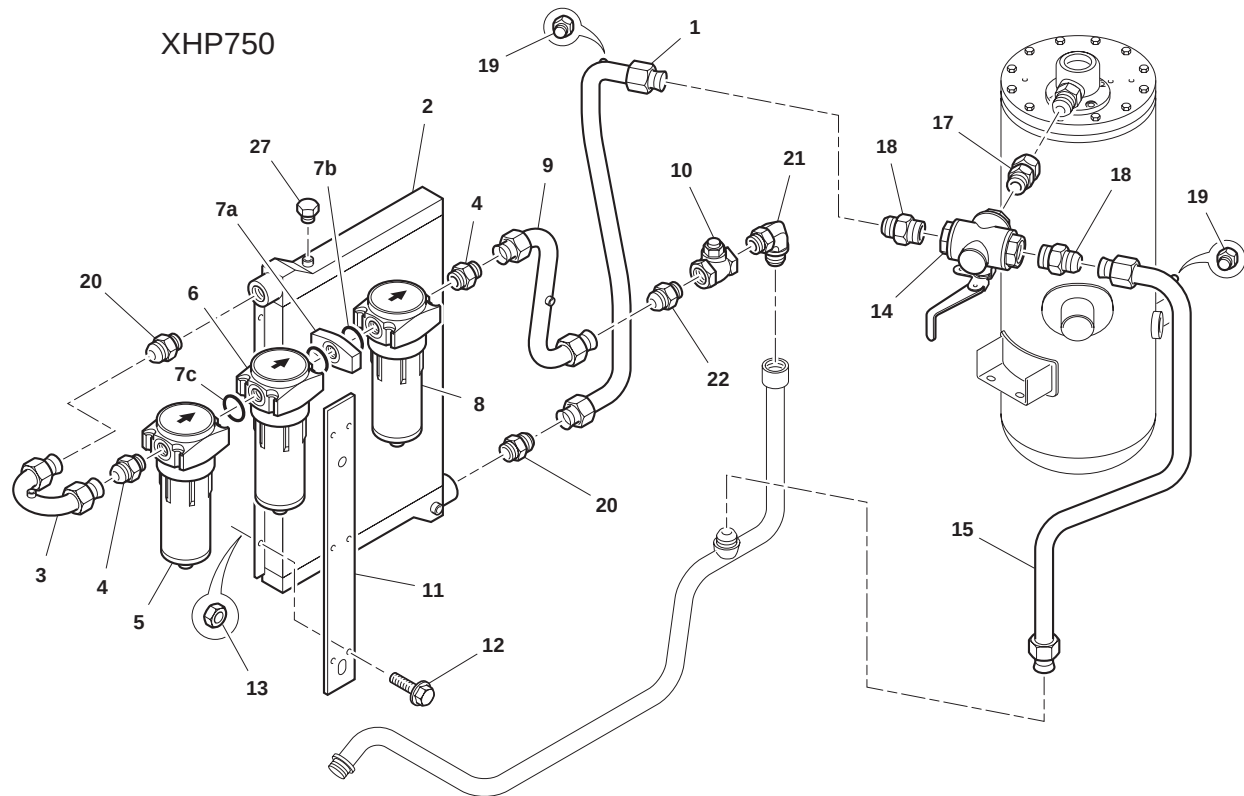
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	54635610	Tube Assembly	1	
5	91112201	Separator, Water	1	
6	89292411	Adaptor	1	
7	95944575	Nipple	1	
8	95940748	Adaptor	2	
9	54401583	Tube Assembly	1	
10	92864115	Seal	2	
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



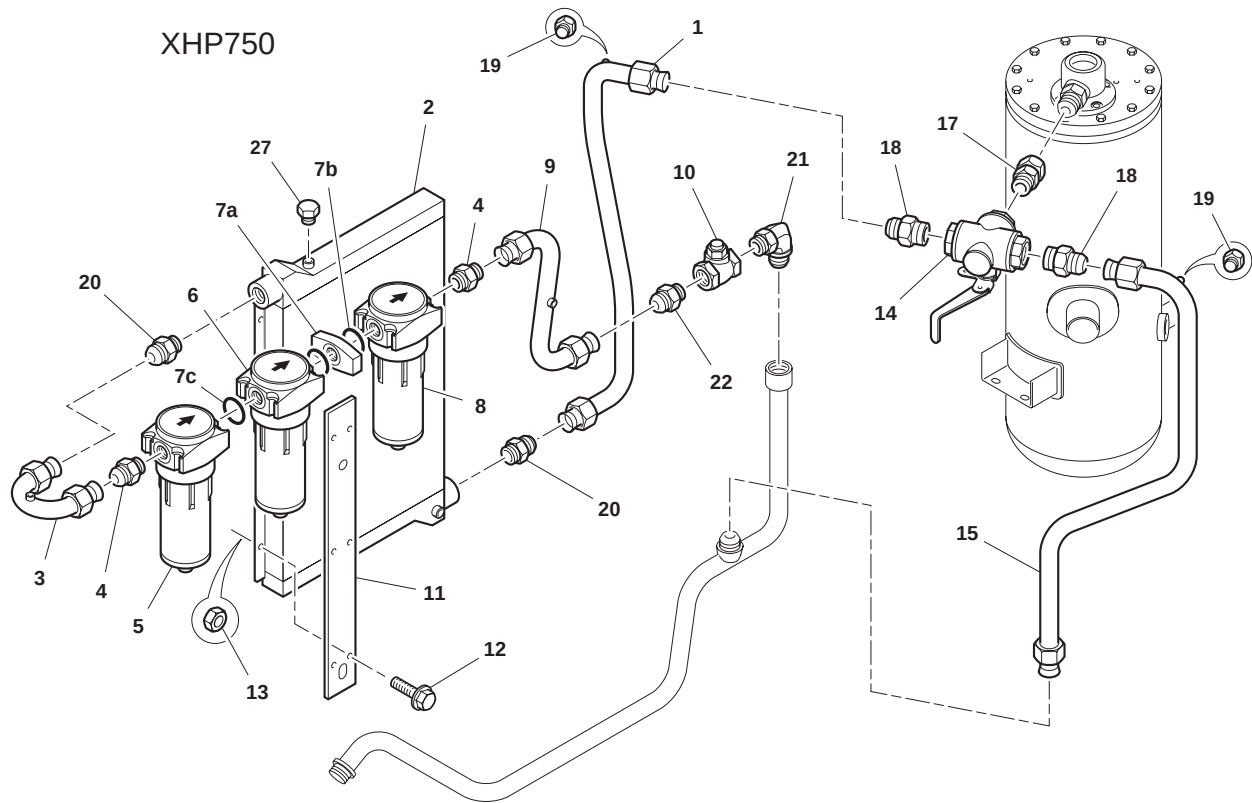
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	54576012	Tube Assembly	1	Continued
13	54635586	Valve, Check	1	
14	36844579	Y-Strainer	1	
15	37081528	Orifice	1	
16	35284082	Adaptor	1	
17	22285795	Hose Assembly	1	
18	54578869	Tube Assembly	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379	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



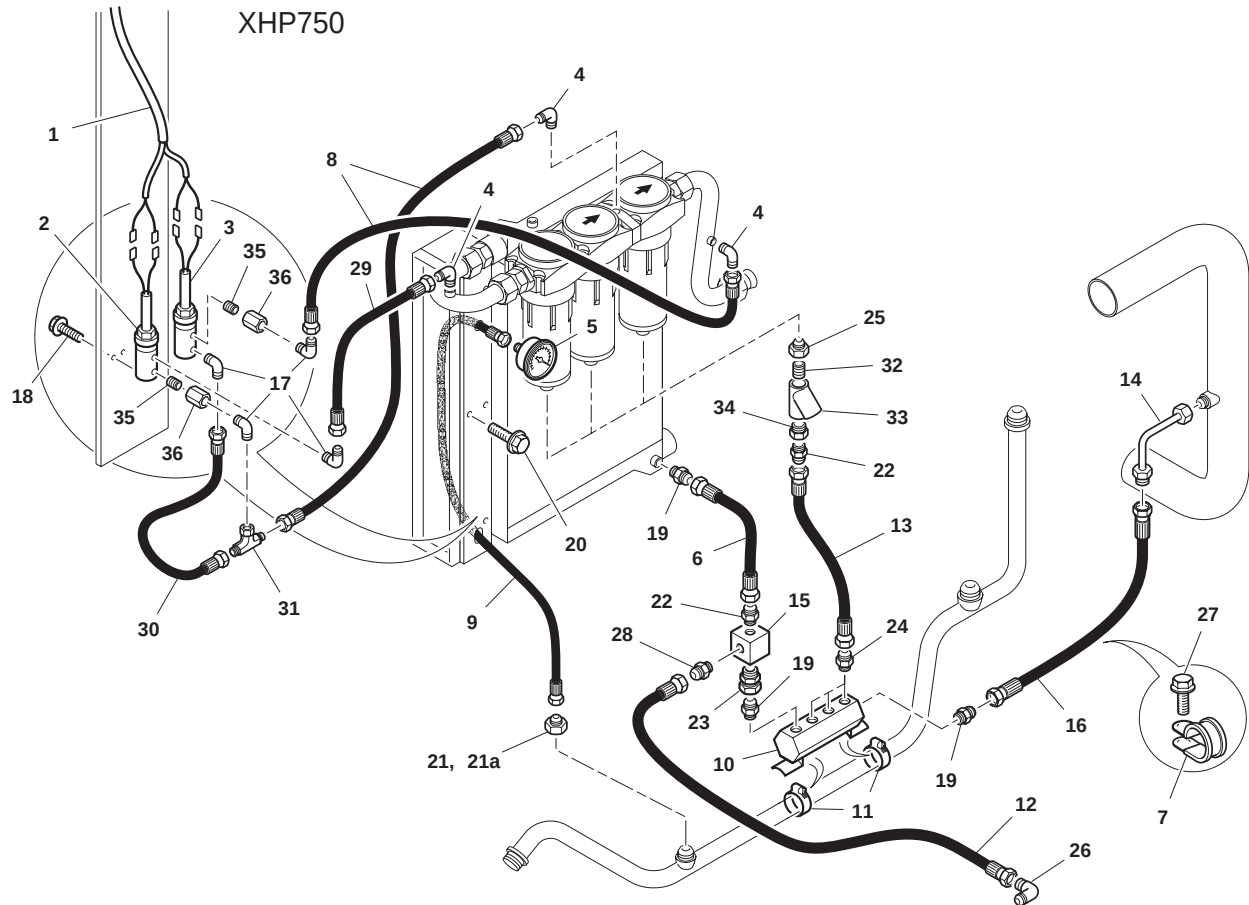
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54576004	Tube Assembly	1	Continued.....
2	54709944	Aftercooler	1	
3	54635602	Tube Assembly	1	
4	35335124	Connector	2	
5	54731617	Separator, Water	1	
6	54731625	Filter, Primary	1	
	54739032	Element	1	
7	54739008	Kit, Water Separator Mounting	1	
7a	22068845	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	

Option - IQ Dual Filter



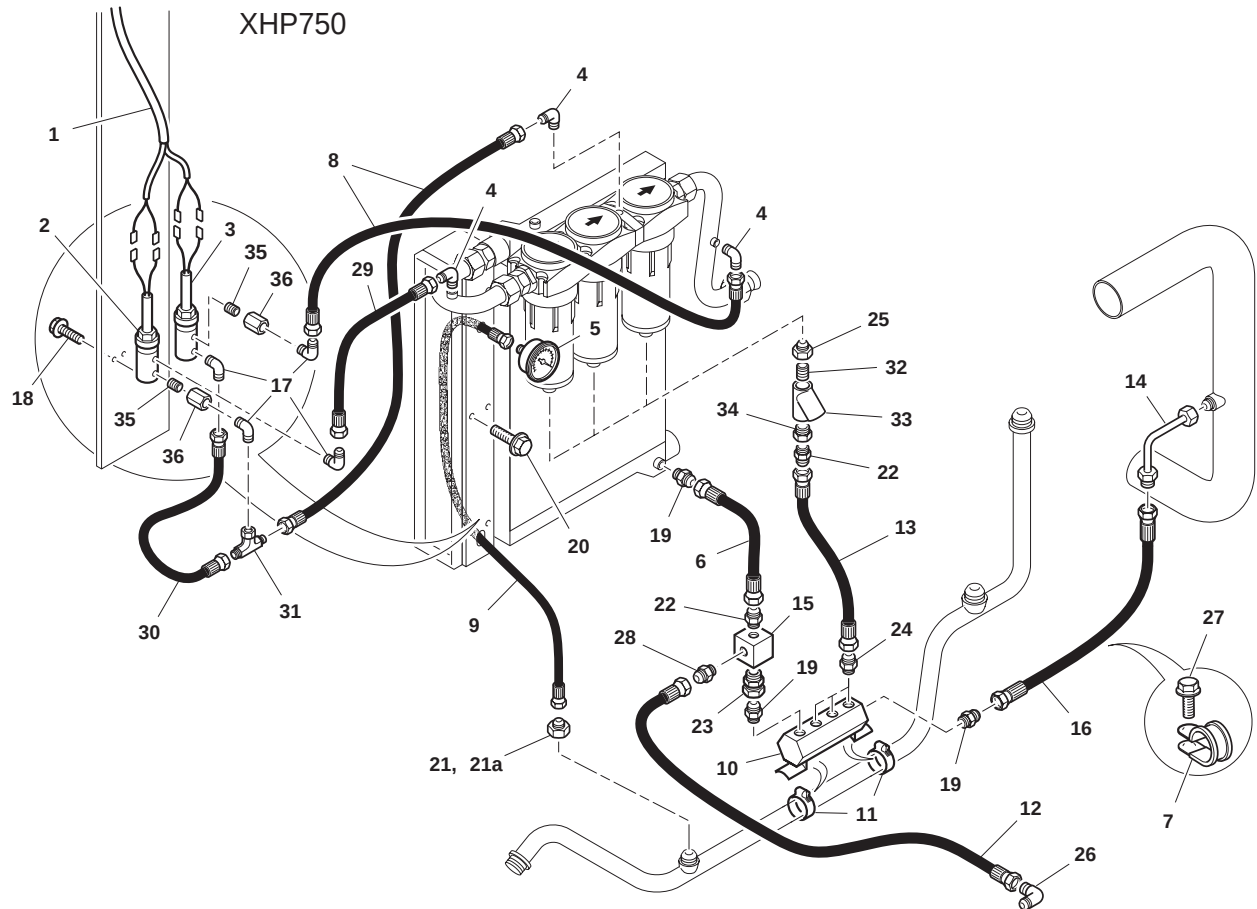
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	54576079	Valve	1	 <i>Continued</i>
14a	54592001	Plate, Valve	1	
14b	95928321	Washer	2	
14c	54591961	Handle, Valve	1	
14d	96702055	Screw	1	
15	54576020	Tube Assembly	1	
16	95437281	Plug	1	
17	88100284	Adaptor	1	
18	92895317	Connector	2	
19	92354661	Plug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

Option - IQ Dual Filter



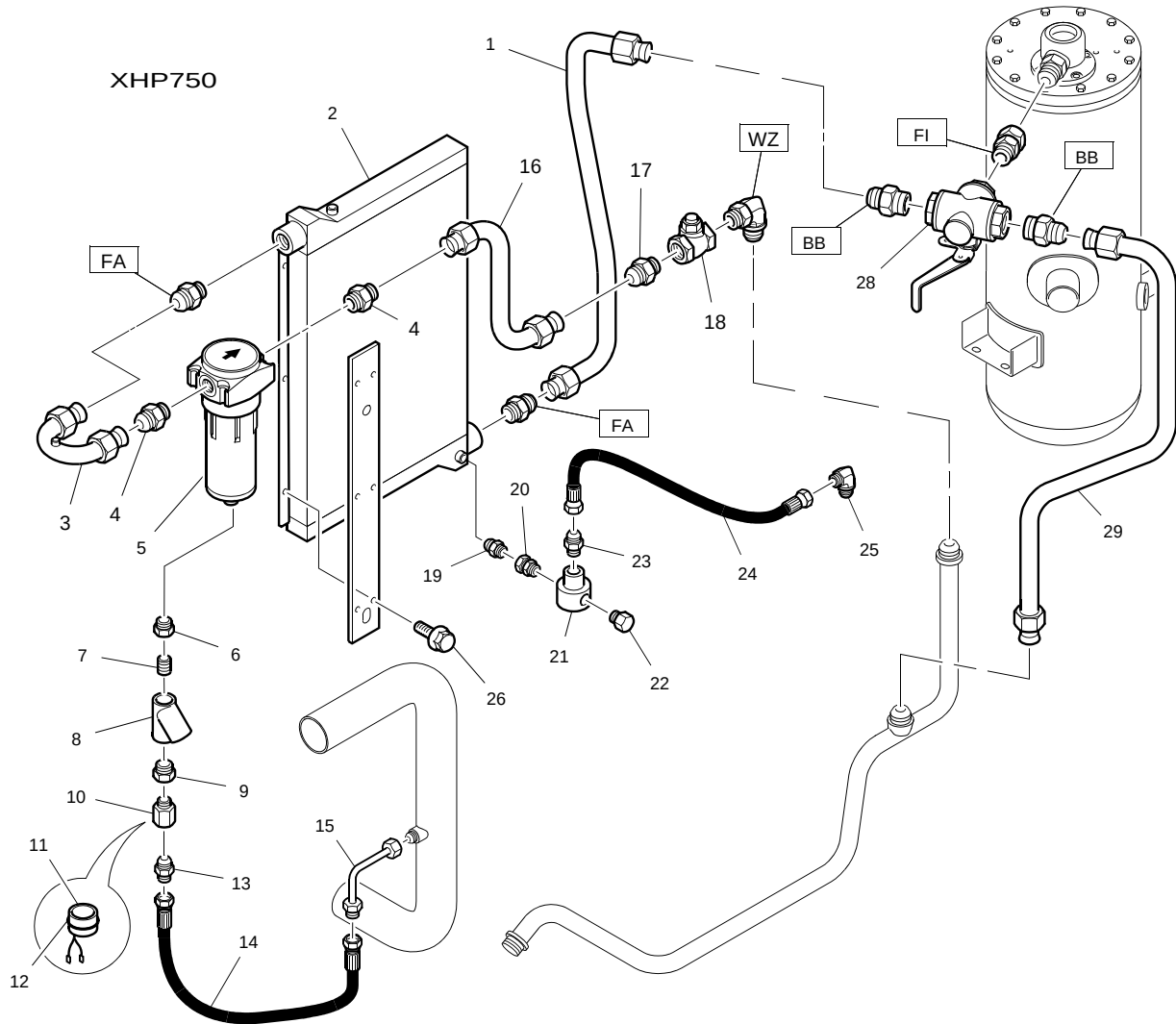
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22162572	Harness	1	Continued.....
2	36899615	Indicator	1	
3	36899599	Indicator	1	
4	35283464	Elbow	4	
5	54640255	Gauge, Pressure	1	
6	35323724	Hose Assembly	1	
7	35222538	Clip, Retaining	1	
8	35283480	Hose Assembly	2	
9	35283480	Hose Assembly	1	
10	54578711	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	

Option - IQ Dual Filter



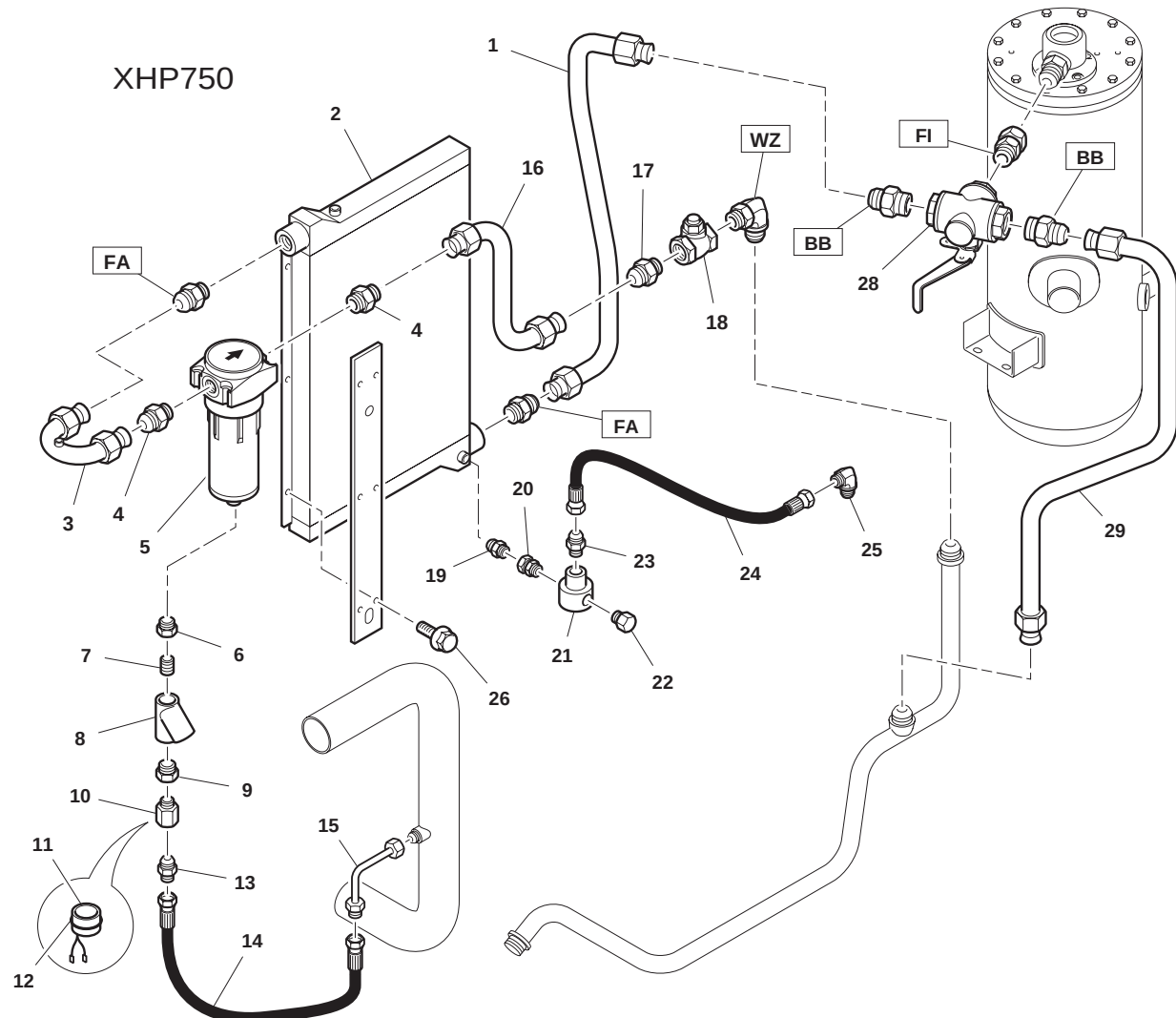
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	95934774	Screw	4	Continued
19	95365078	Adaptor	3	
20	36889608	Screw	6	
21	93186278	Adaptor	1	
21a	35324987	Nut	1	
22	35284082	Adaptor	5	
23	35367846	Adaptor	1	
24	54592167	Adaptor, Orifice	3	
25	95245353	Adaptor	3	
26	35301225	Elbow	1	
27	36898096	Screw	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)



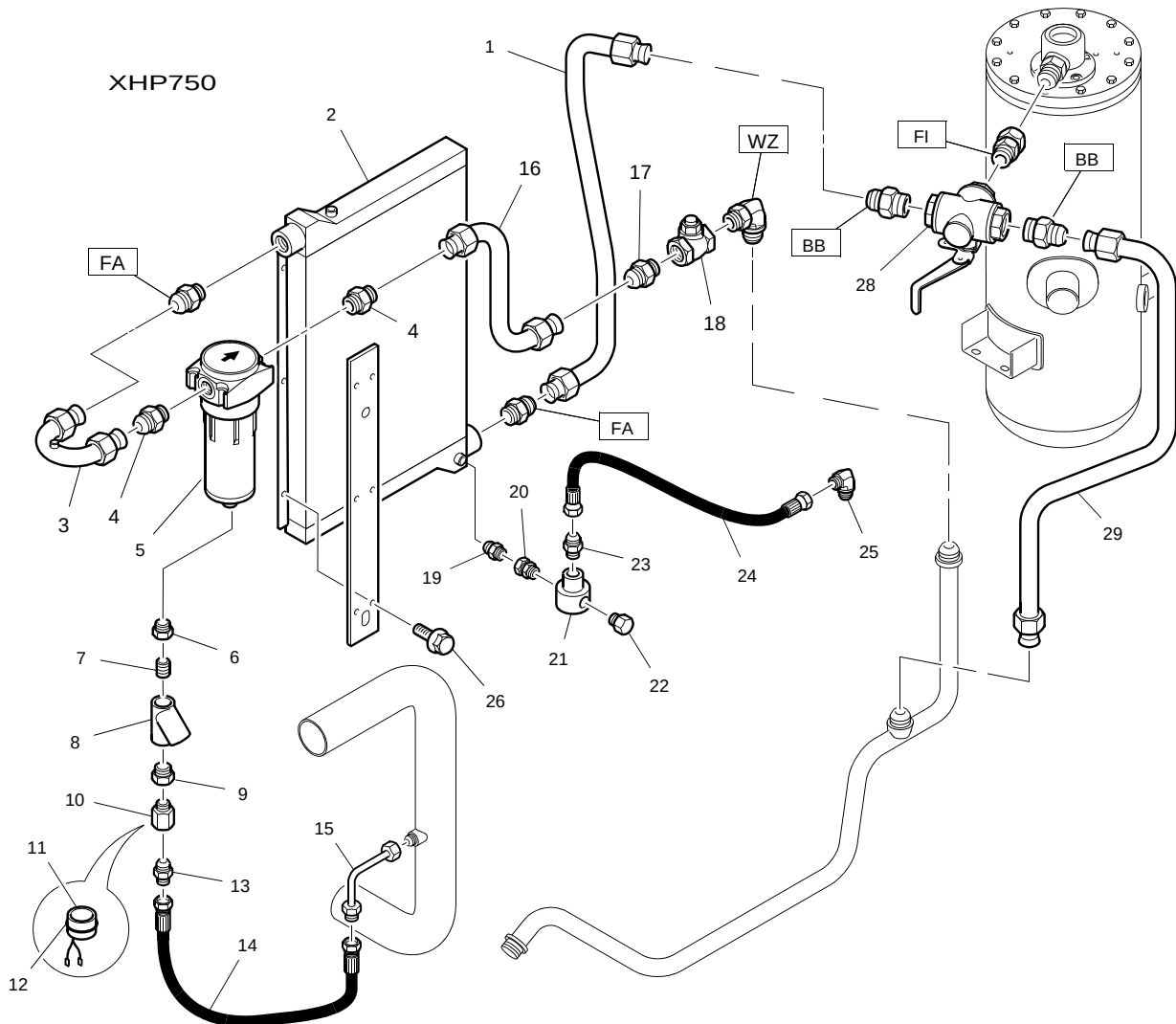
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54576004	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	35335124	Connector	2	
5	54731617	Separator, Water	1	
6	95245353	Adaptor	1	
7	95772562	Nipple	1	
8	36844579	Y-Strainer	1	
9	95940748	Bushing	1	
10	37081528	Orifice	1	
11	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	Continued.....

Option - Oil/Air Piping (Aftercooler)



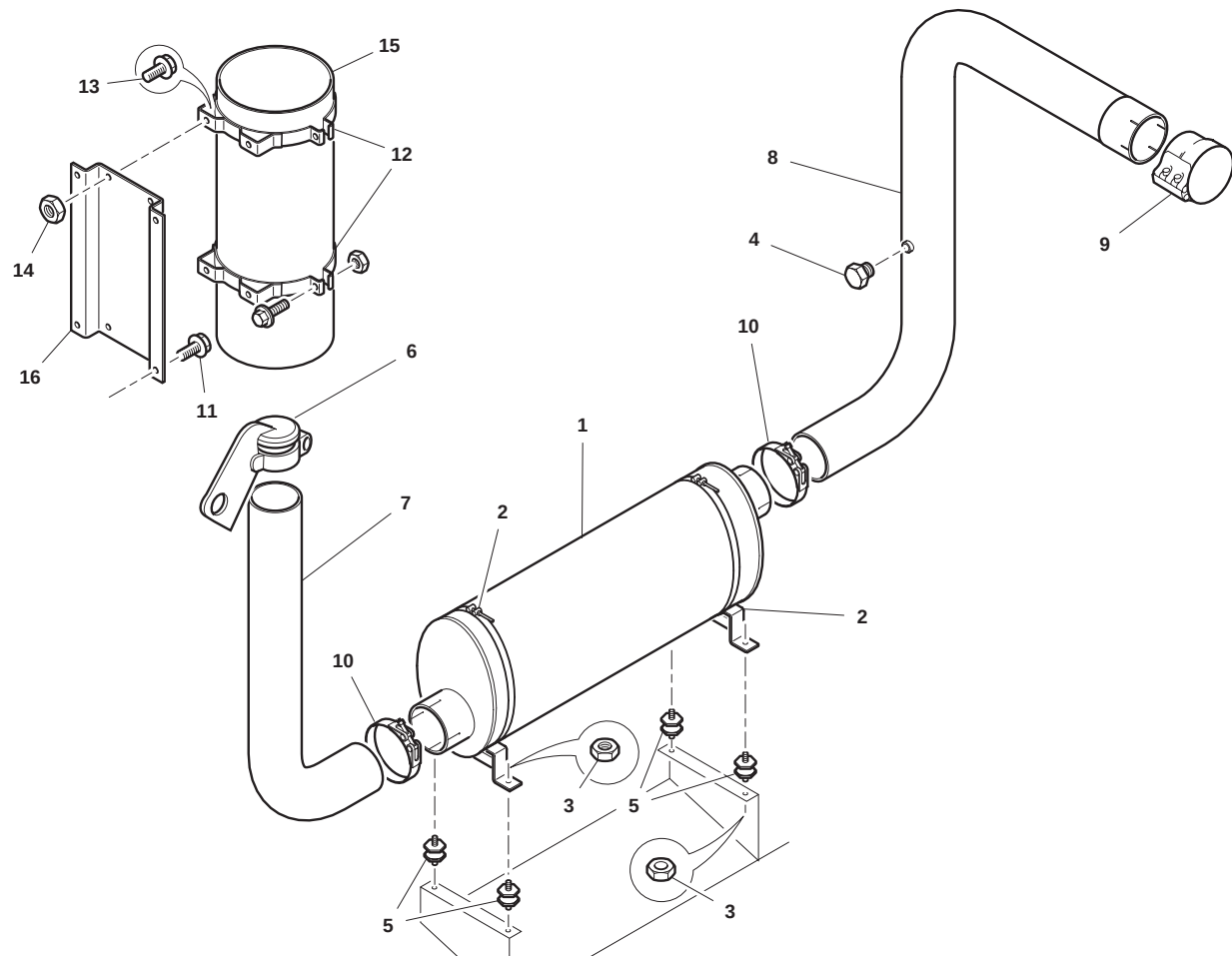
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	92756832	Connector	2	 <i>Continued</i>
18	54635586	Valve, Check	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379	Valve, Blowdown	1	
22	35248319	Orifice	1	
23	35283472	Connector	1	
24	35283498	Hose Assembly	1	
25	35301225	Elbow	1	
26	36889608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

Option - Oil/Air Piping (Aftercooler)



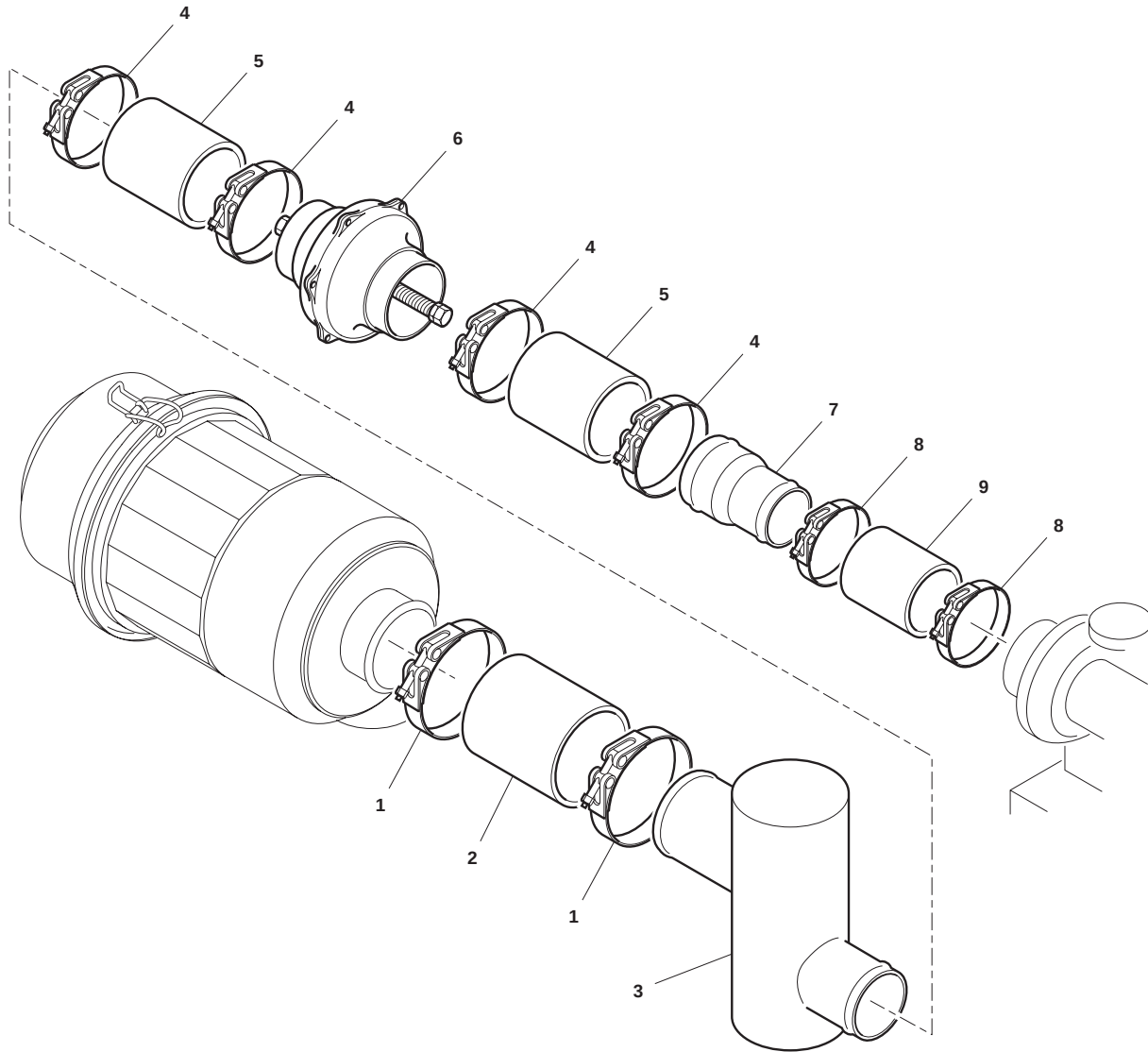
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28b	92756832	Connector	2	Continued
28c	54591961	Handle, Valve	1	
28d	96702055	Screw	1	
29	54576020	Tube Assembly	1	
30	92354661	Plug	2	

Option - Spark Arrestor Muffler



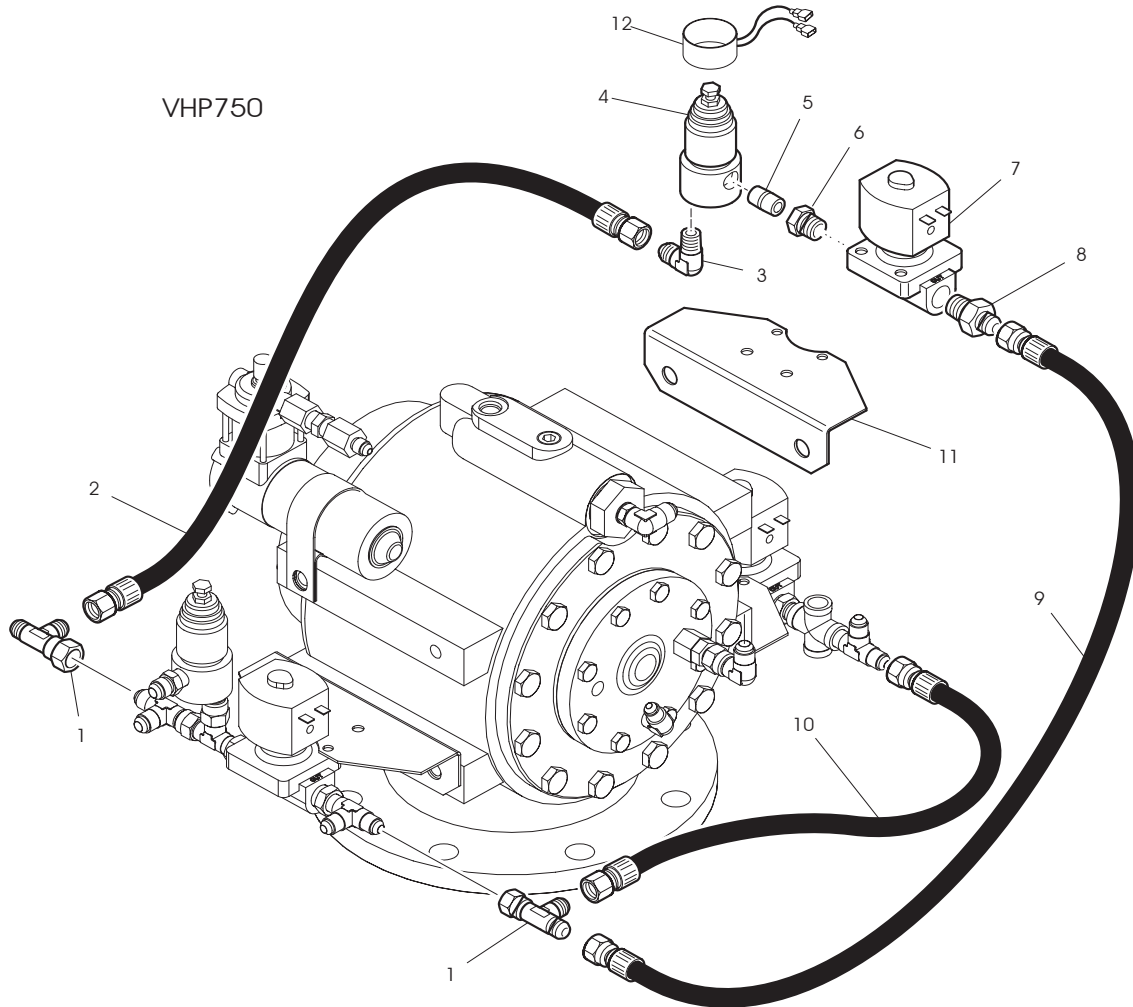
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	89298855	Arrestor, Spark	1	
2	24906919	Bracket	2	
3	36881886	Nut	8	
4	95928255	Plug	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22334650	Pipe	1	
8	22334635	Pipe	1	
9	35307131	Clamp	1	
10	89298889	Clamp	2	
11	35279025	Screw	4	
12	36787026	Band, Mounting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

Option - Overspeed Valve



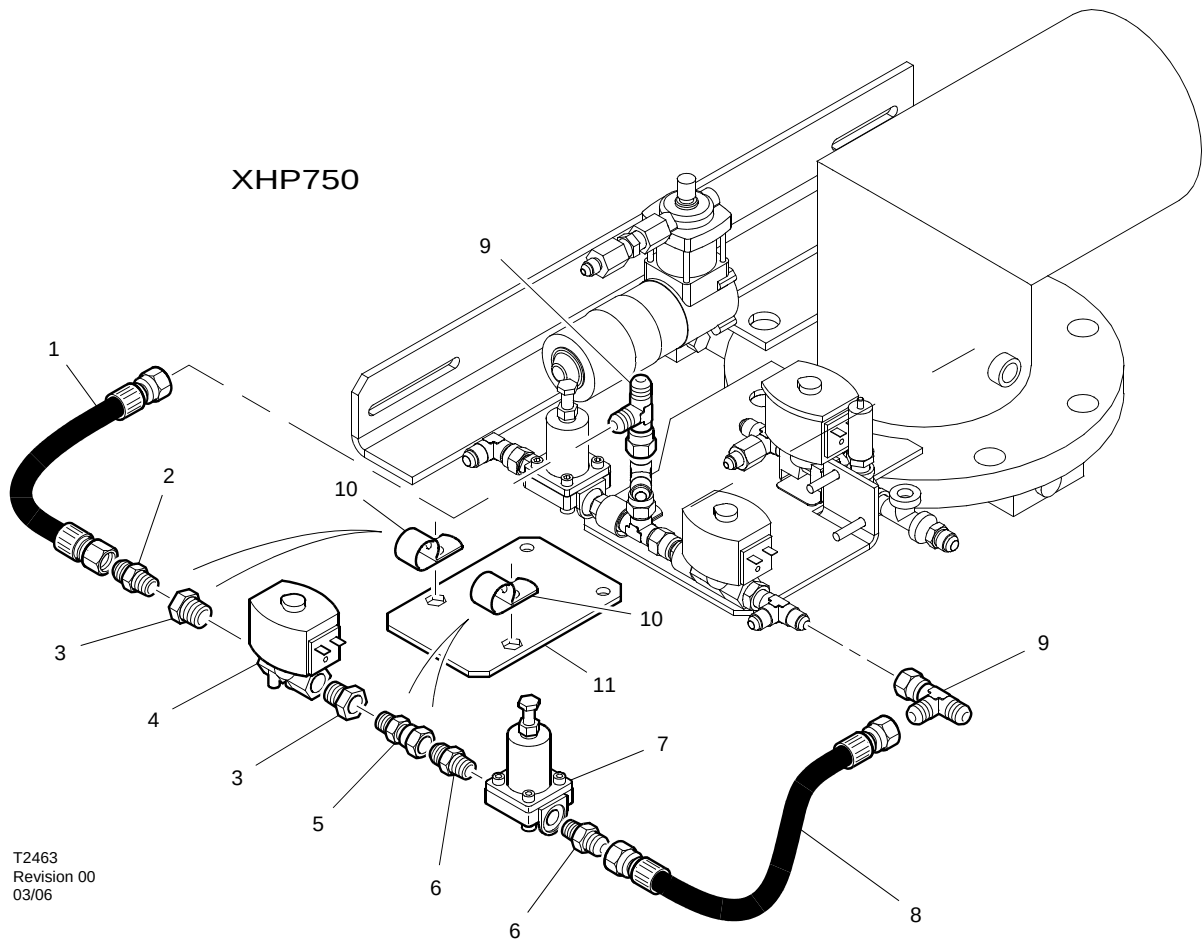
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35123496	Clamp	2	6"
2	89299440	Connector	1	
3	22329916	Offset	1	6 X 5
4	35161025	Clamp	4	5"
5	22333538	Connector	2	
6	92808591	Chalwyn Valve	1	
7	22333512	Reducer	1	
8	36897668	Clamp	2	4"
9	22333520	Connector	1	

Option - Dual Pressure Regulation



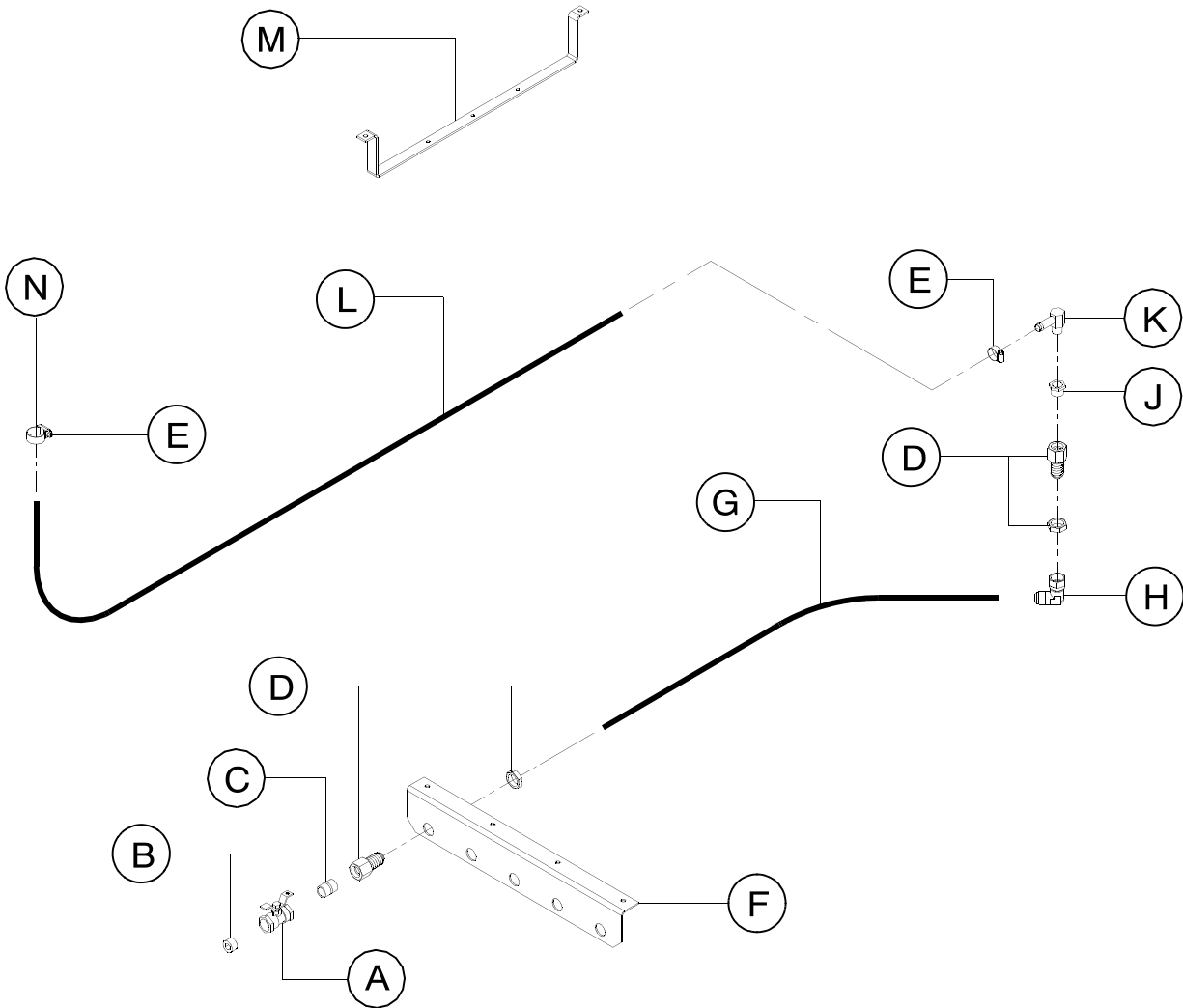
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95415667	Tee	2	
2	35288042	Hose Assembly	1	
3	35279934	Elbow	1	
4	36854149	Pressure Regulator	1	
5	95667341	Nipple	1	
6	95940748	Bush, Reducing	2	
7	36840841	Valve, Solenoid	1	
8	35290147	Connector	1	
9	35311471	Hose Assembly	1	
10	35284504	Hose Assembly	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



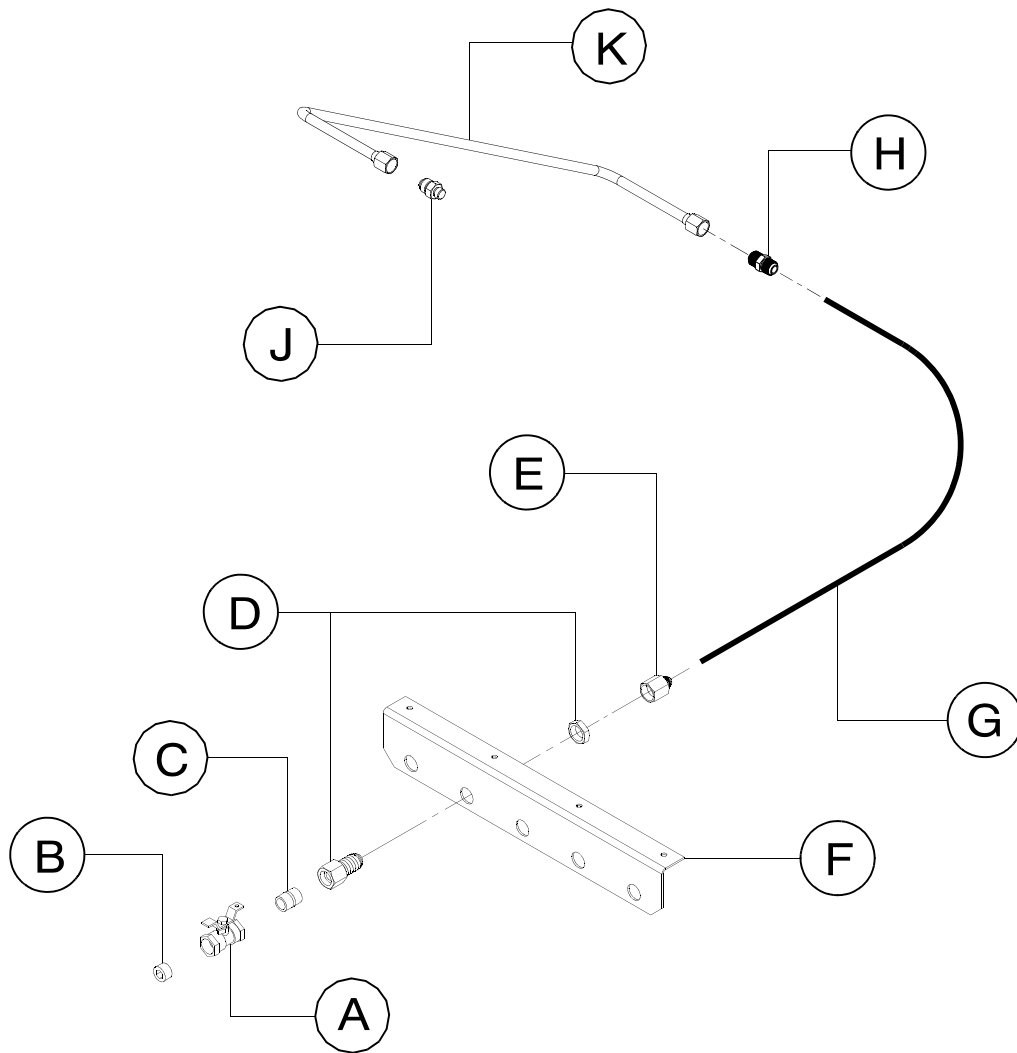
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35330513	Hose Assembly	1	
2	35284082	Connector	1	
3	95940748	Bushing, Reducing	2	
4	36842300	Valve, Solenoid	1	
5	35367846	Connector	1	
6	92478387	Connector	2	
7	92956093	Regulator, Pressure	1	
8	35282946	Hose Assembly	1	
9	95415667	Tee	2	
10	35291285	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



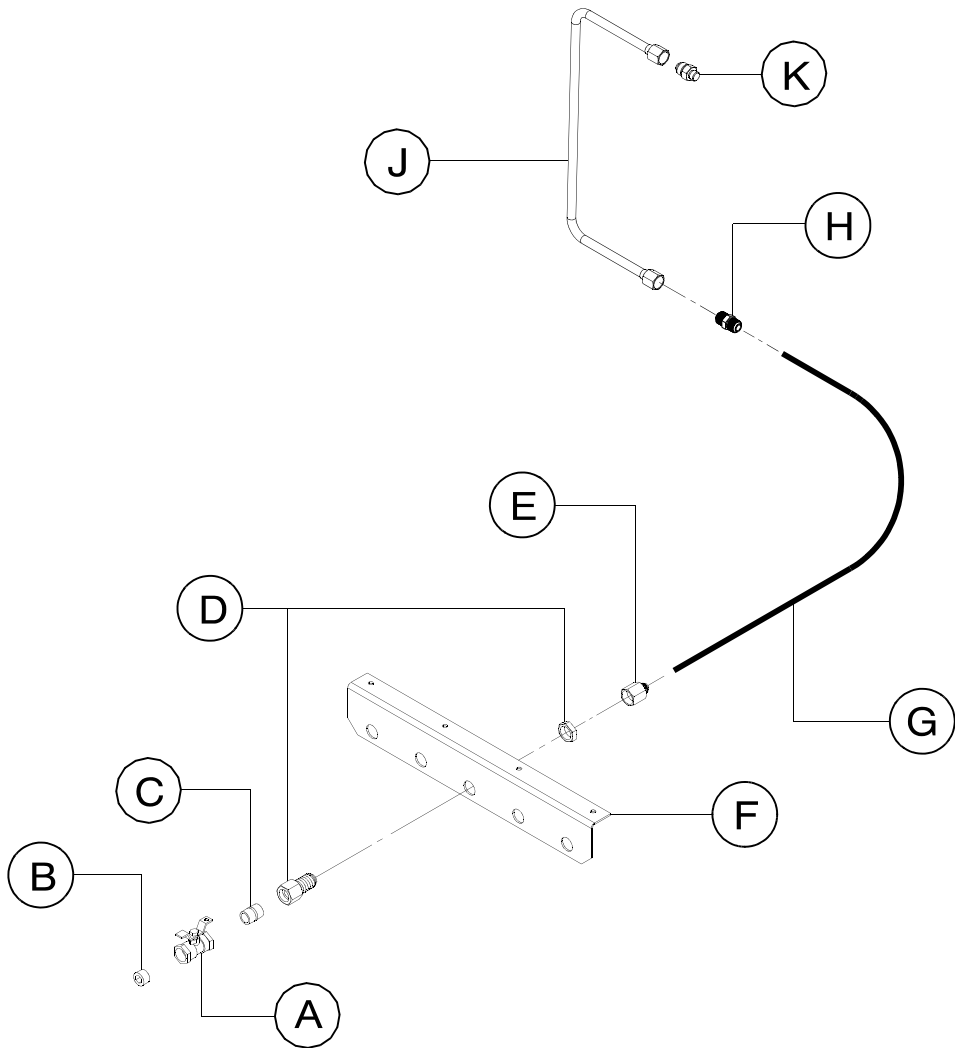
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	95220844	Clamp	1	
F	22828990	Bracket, Central Drain	1	
G	35289503	Hose Assembly	1	
H	35301506	Elbow	1	
J	95953949	Bushing, Reducing	1	
K	35366665	Elbow	1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

Option - Central Drain STRG Oil Cooler



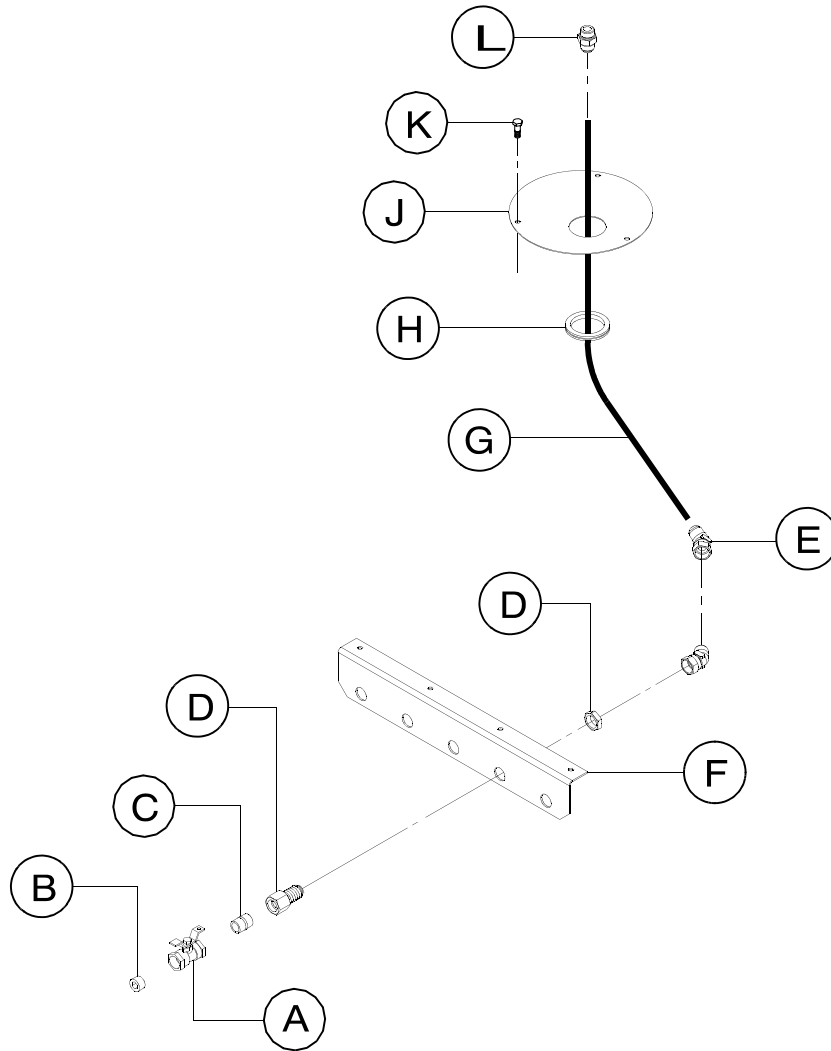
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35365774	Reducer, Tube	1	
F	22828990	Bracket, Central Drain	1	
G	35305481	Hose Assembly	1	
H	95396867	Union	1	
J	35287895	Connector	1	
K	22833172	Tube Assembly	1	

Option - Central Drain STRG Radiator



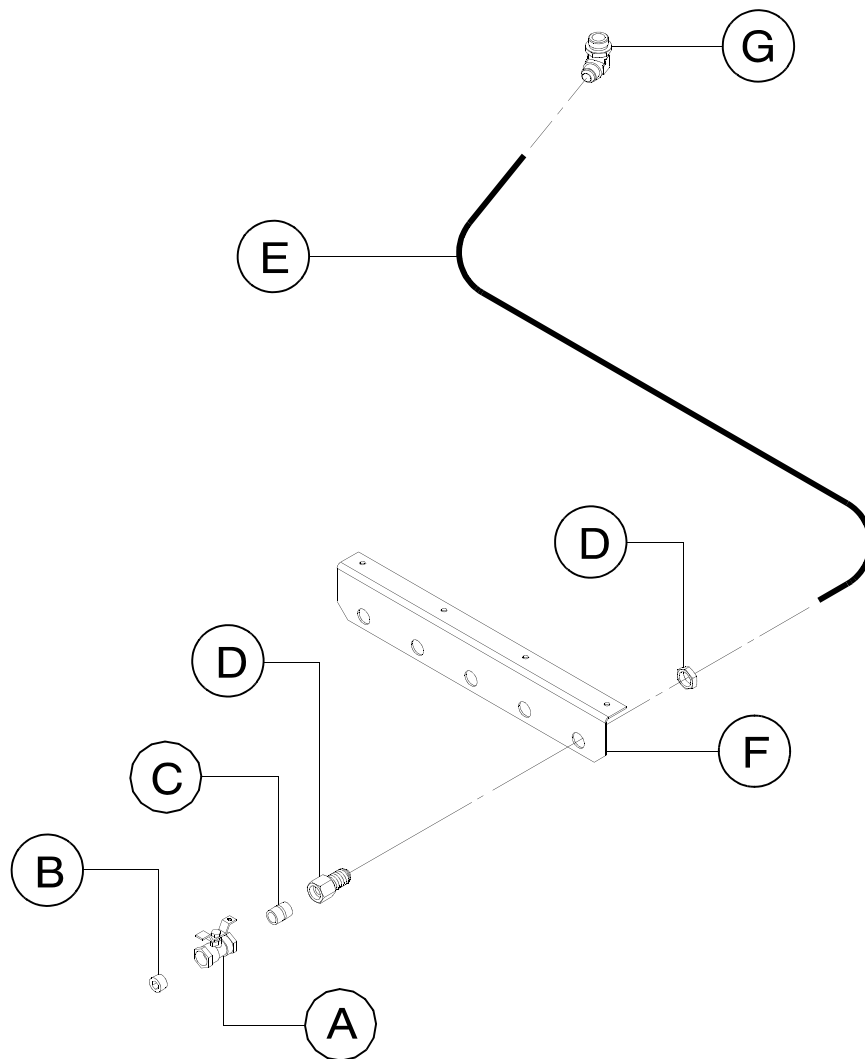
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35365774	Reducer, Tube	1	
F	22828990	Bracket, Central Drain	1	
G	35305481	Hose Assembly	1	
H	95396867	Union	1	
J	22830269	Tube Assembly	1	
K	35287895	Connector	1	

Option - Central Drain STRG Separator Tank



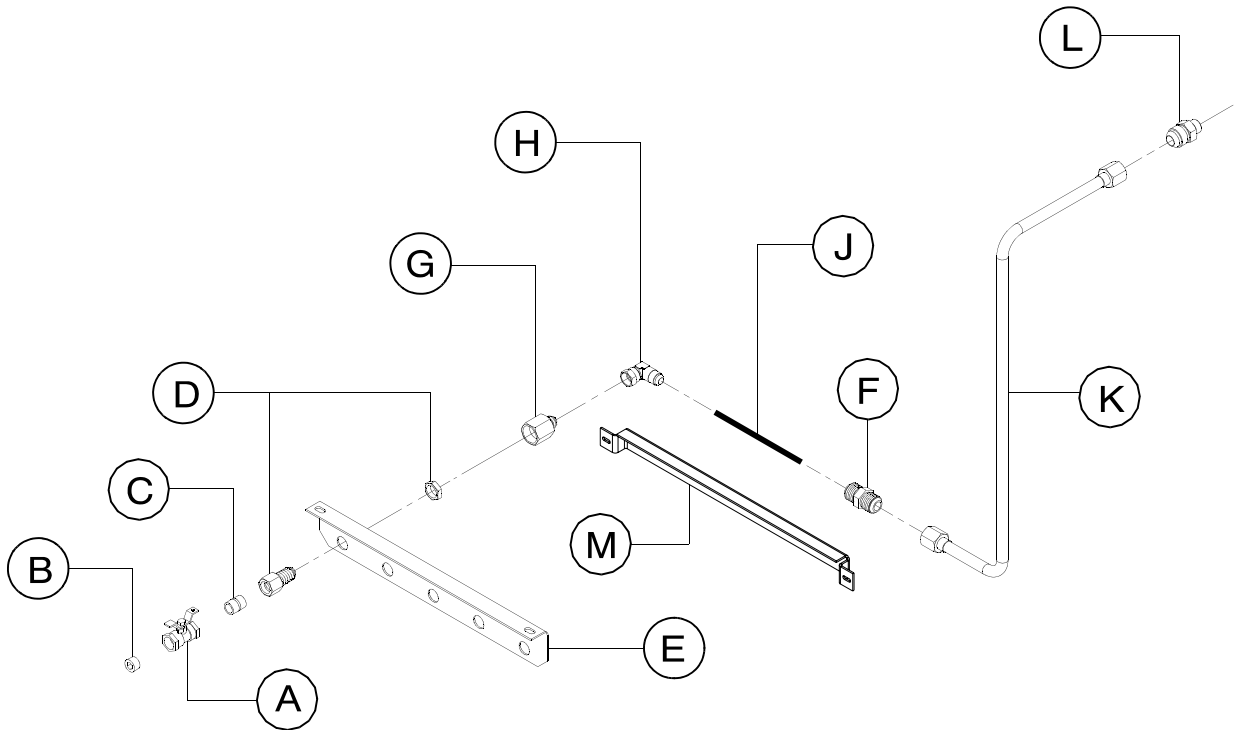
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323922	Elbow	2	
F	22828990	Bracket, Central Drain	1	
G	35294677	Hose Assembly	1	
H	36878221	Grommet	1	
J	22833560	Cover, Access	1	
K	35279025	Screw	3	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

Option - Central Drain STRG Fuel Tank



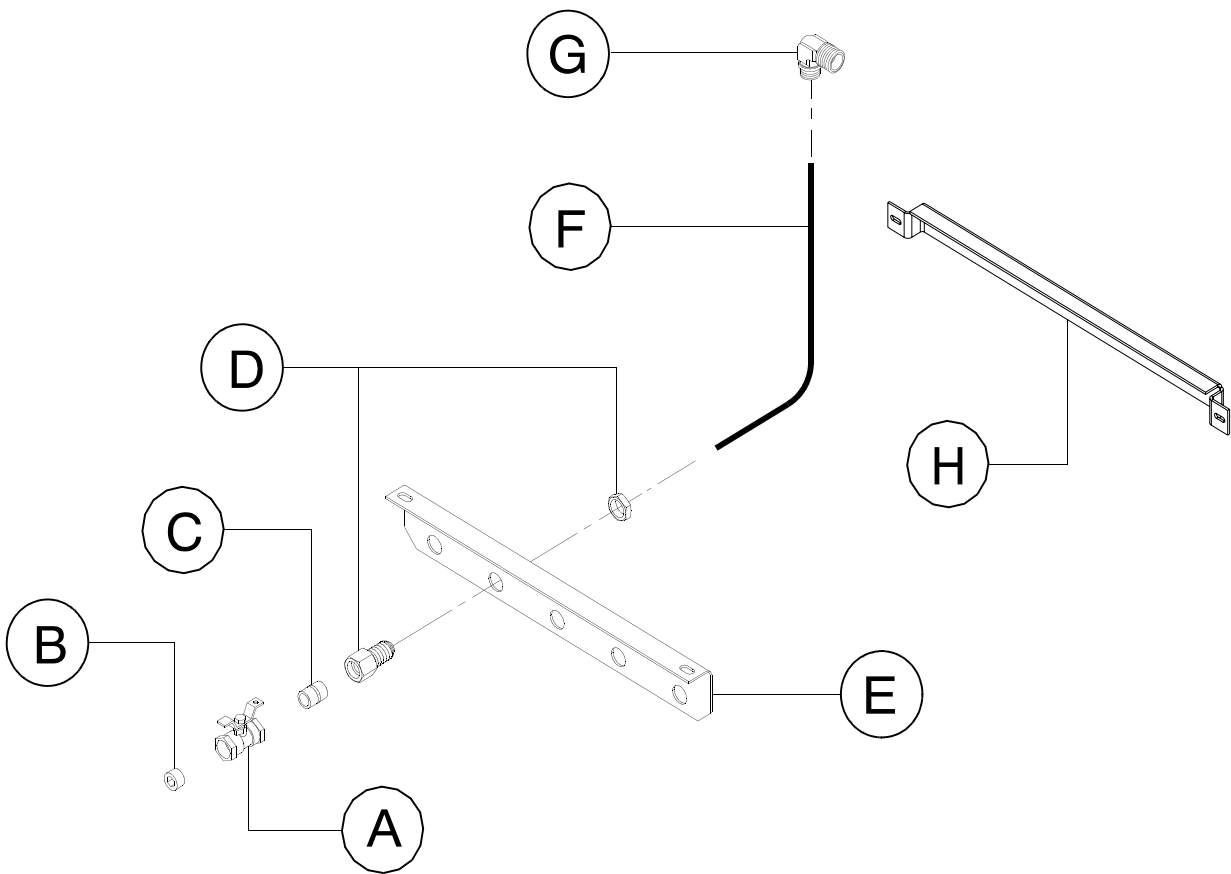
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323807	Hose Assembly	1	
F	22828990	Bracket, Central Drain	1	
G	36861540	Elbow	1	

Option - Central Drain HSRG Oil Cooler



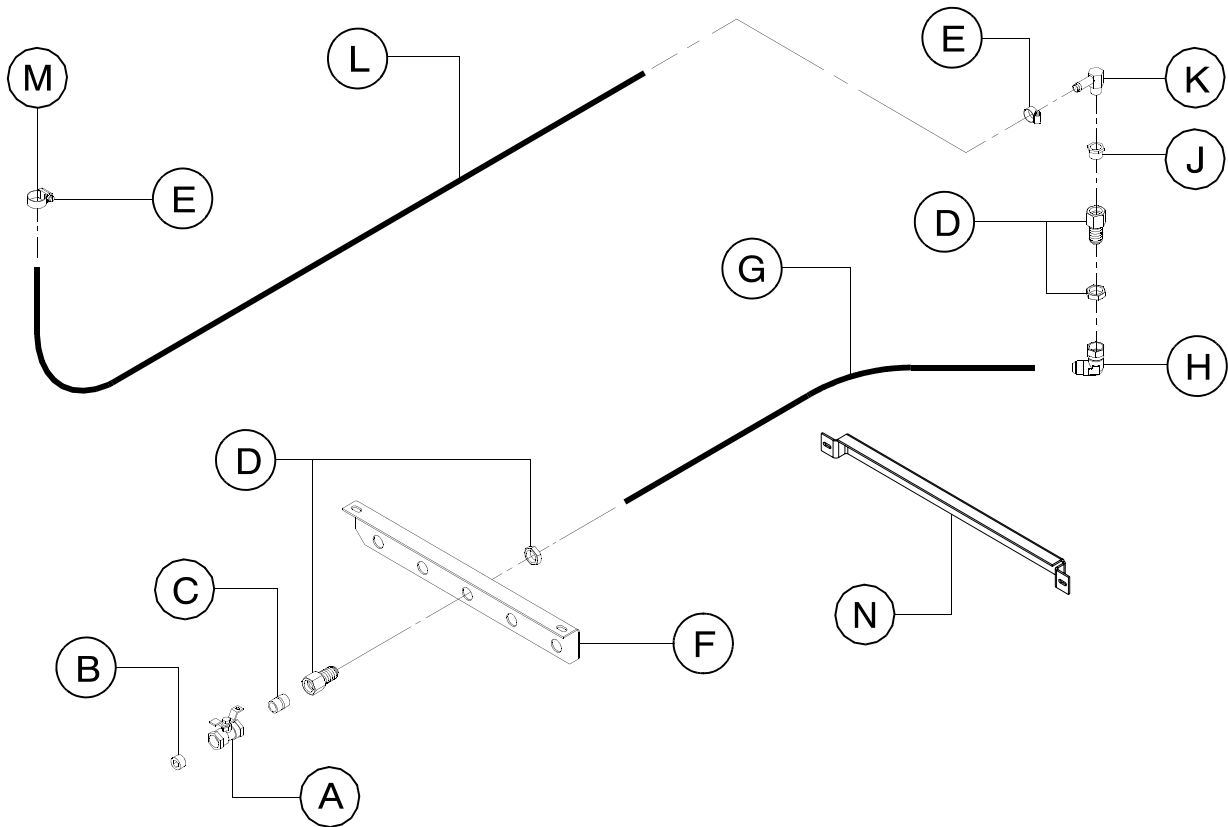
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	22701767	Bracket, Central Drain	1	
F	95396867	Union	1	
G	35365774	Reducer	1	
H	35287911	Elbow	1	
J	35306125	Hose Assembly	1	
K	22707061	Tube Assembly	1	
L	35287895	Connector	1	
M	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG Fuel Tank



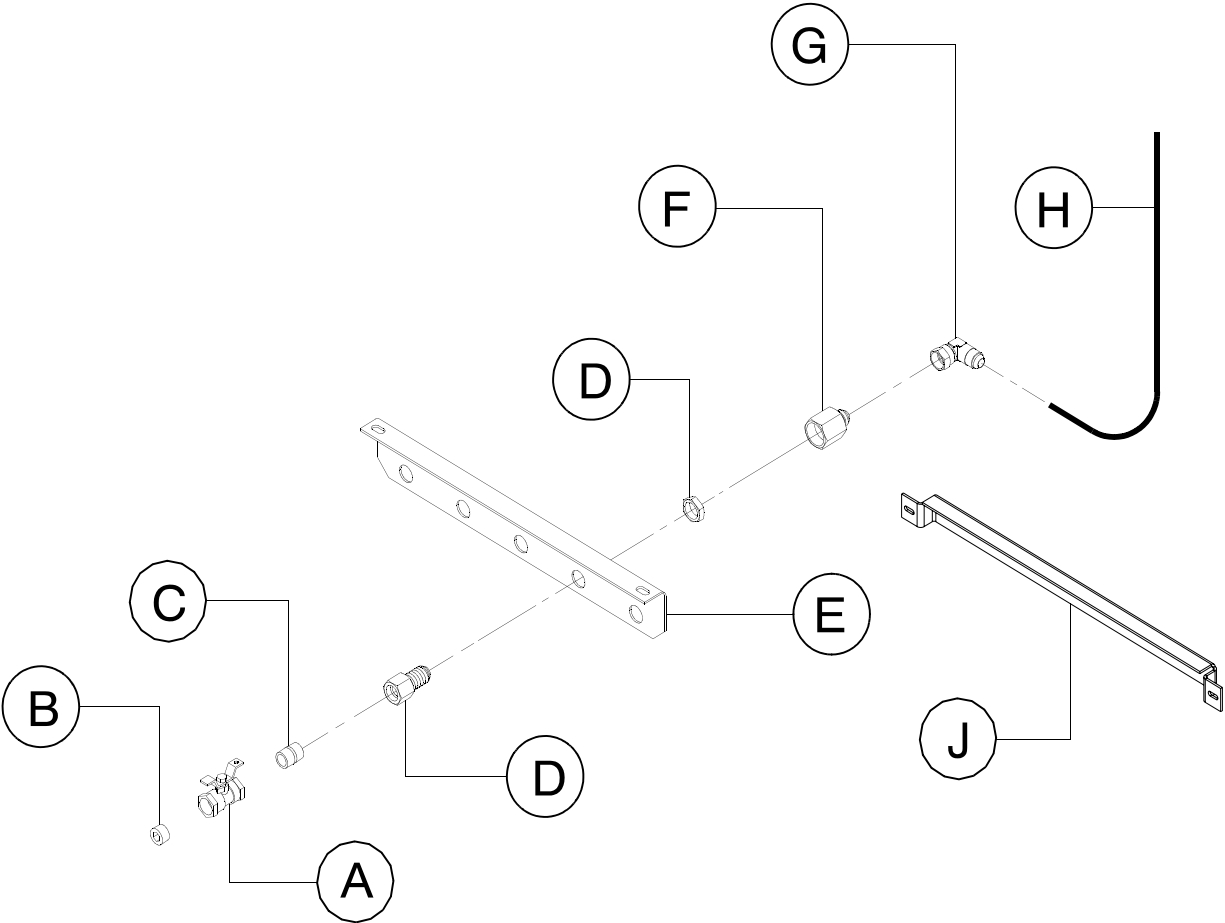
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	22701767	Bracket, Central Drain	1	
F	35323682	Hose Assembly	1	
G	35294750	Elbow	1	
H	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG Engine Oil



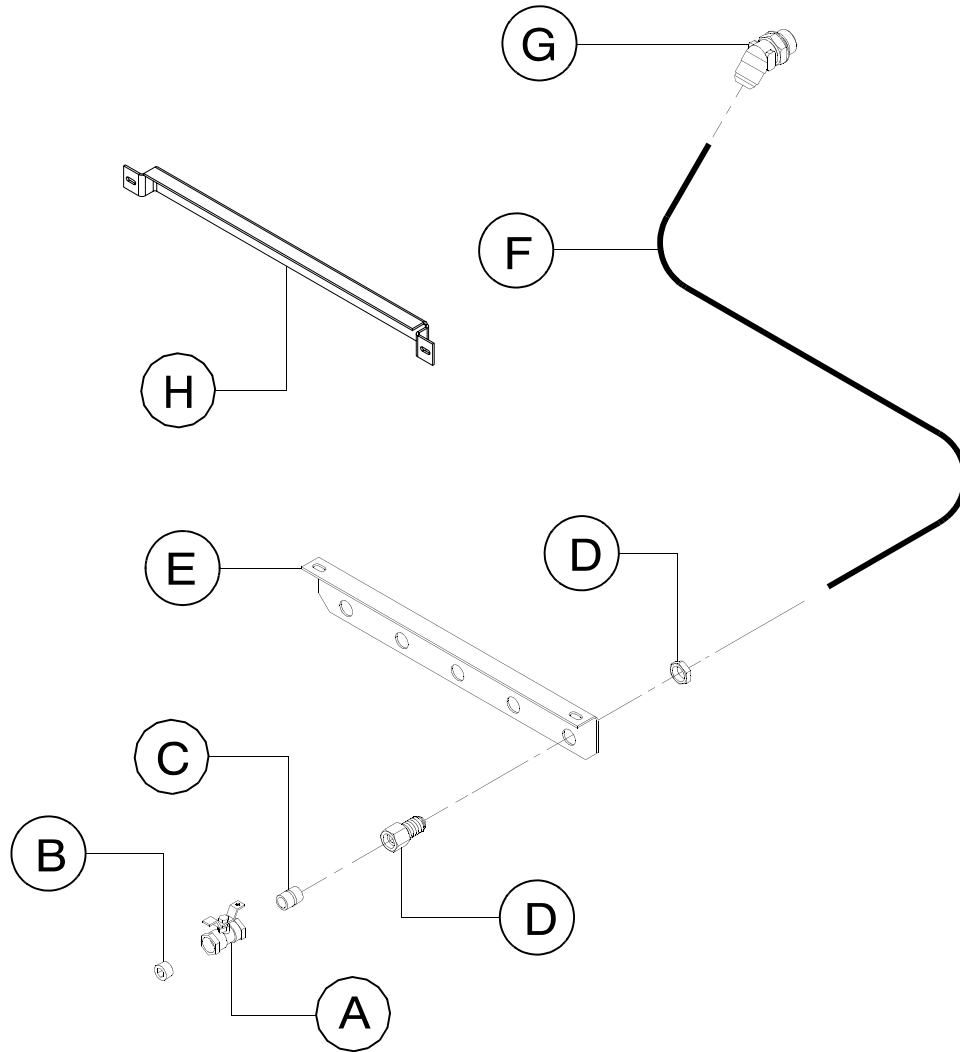
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	95220844	Clamp	1	
F	22701767	Bracket, Central Drain	1	
G	35289503	Hose Assembly	1	
H	35301506	Elbow	1	
J	95953949	Bushing, Reducing	1	
K	35366665	Elbow	1	
L	35326578	Hose (12 inches)	1	
M		To Engine Oil Pan Drain		
N	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG Radiator



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	22701767	Bracket, Central Drain	1	
F	35365774	Reducer	1	
G	35287911	Elbow	1	
H	35306125	Hose Assembly	1	
J	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG 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	22701767	Bracket, Central Drain	1	
F	35323880	Hose Assembly	1	
G	35294727	Elbow	1	
H	22707251	Bracket, Clamp	1	

Recommended Parts

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1 - 4	44008183	Kit - 0-50 Hours (VHP, XHP)	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 (VHP, XHP)	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 (VHP, XHP)	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)	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 (XHP)	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	

Glossary of Non-Illustrated Items

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
		* Not Illustrated † Option Adaptor Adaptor, Orifice Base, Cable Tie Bolt Bracket Bush, Reducing Bulb, Light Cap Capscrew Socket Head Connector Coupling Elbow Fuse Guard Harness Holder, Manual Kit - Internal Manuals Locknut Locknut, Nylon Lockwasher Manual, Operation and Maintenance with Parts Catalogue Manual, Operation and Maintenance Manual, Parts Catalogue Nipple Nut O-Ring Plug Reducer Screen, Security Screw Screw, Self Tapping Setscrew Silencer Tee Tie, Cable Valve, Ball Washer Washer, Nylon Washer, Spring		

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

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Section 2 - Electrical Schematics

Wiring Parts Lists

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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.....

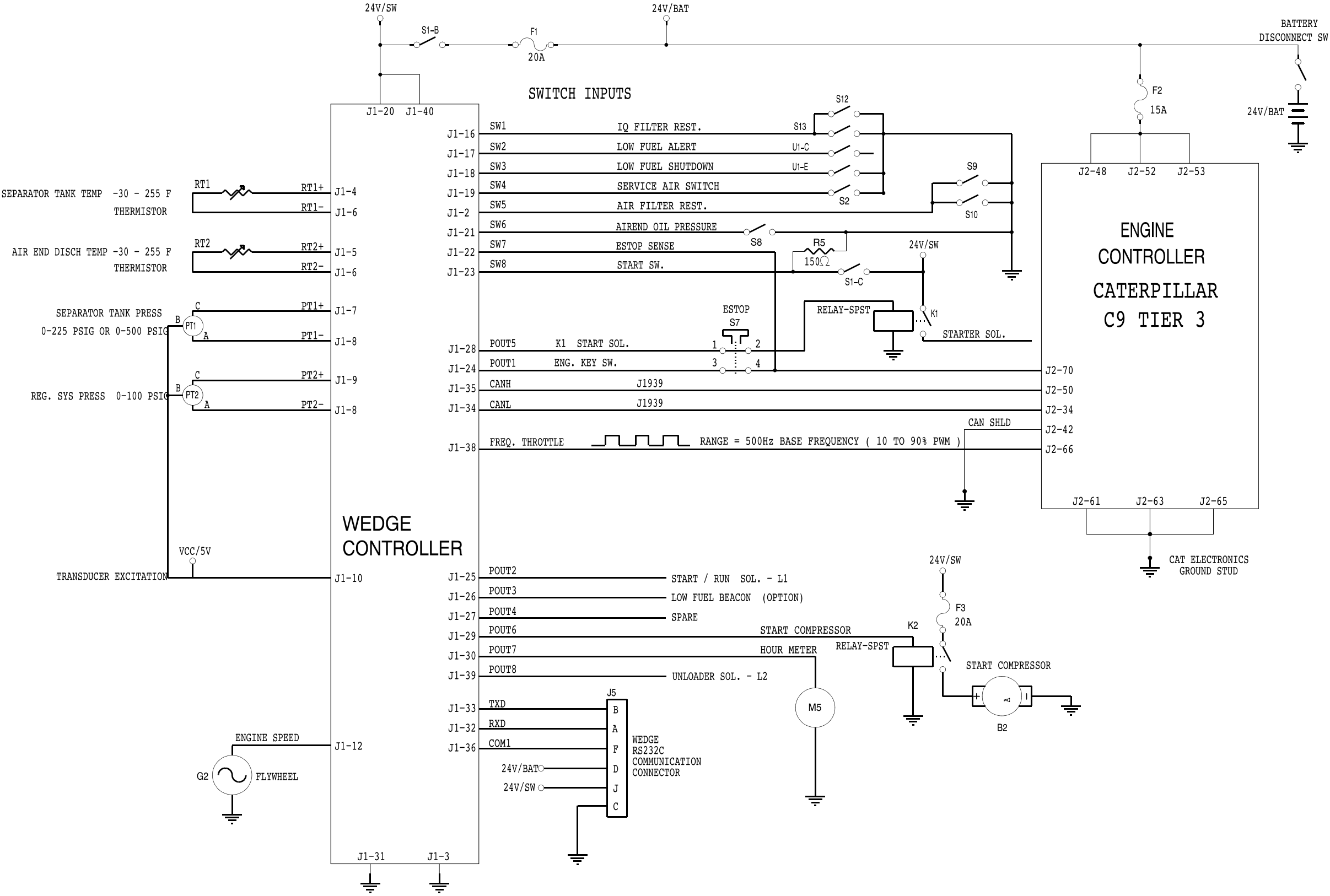
Wiring Parts Lists

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		

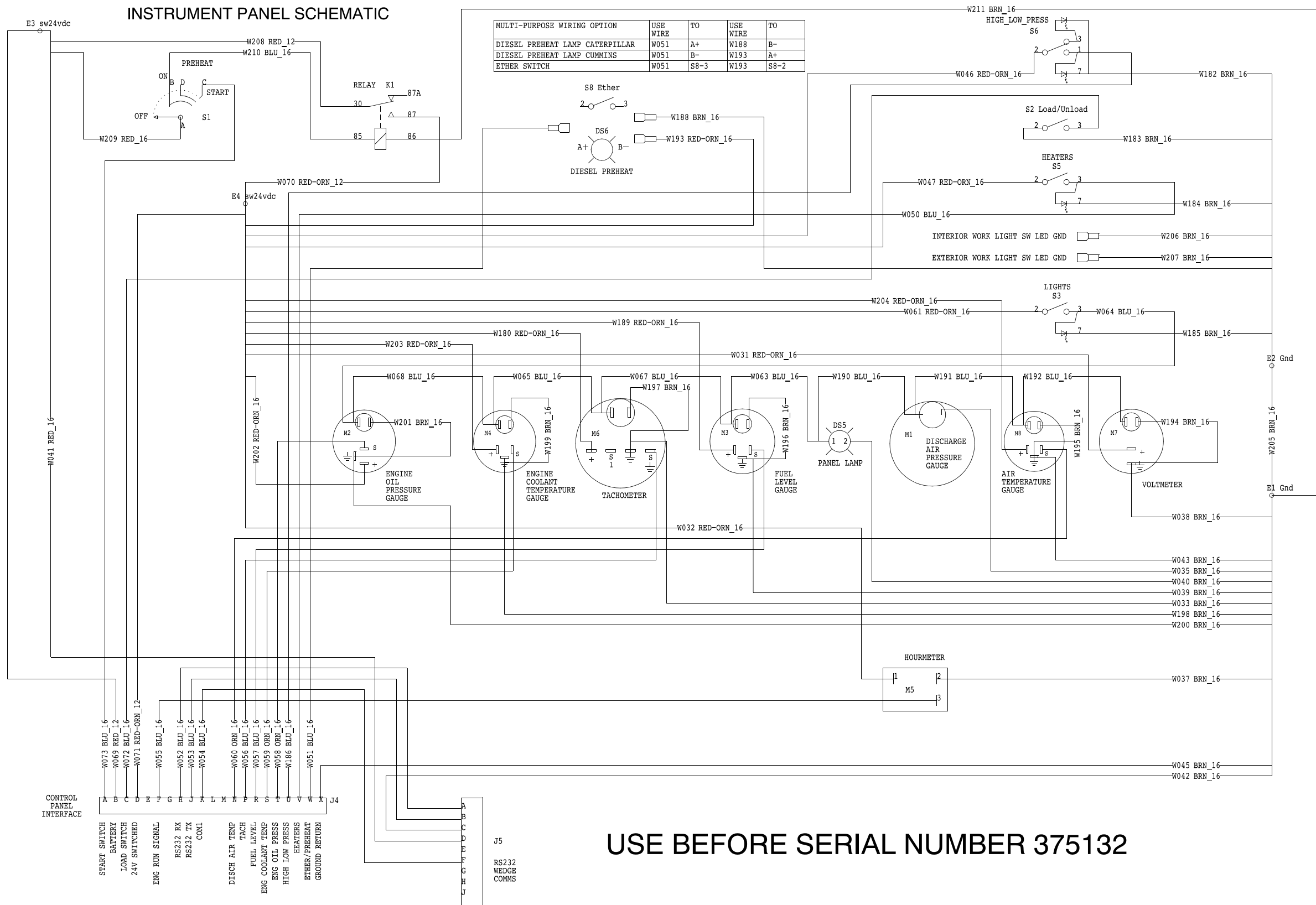
Wiring Parts Lists

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		

Control System Wiring Diagram

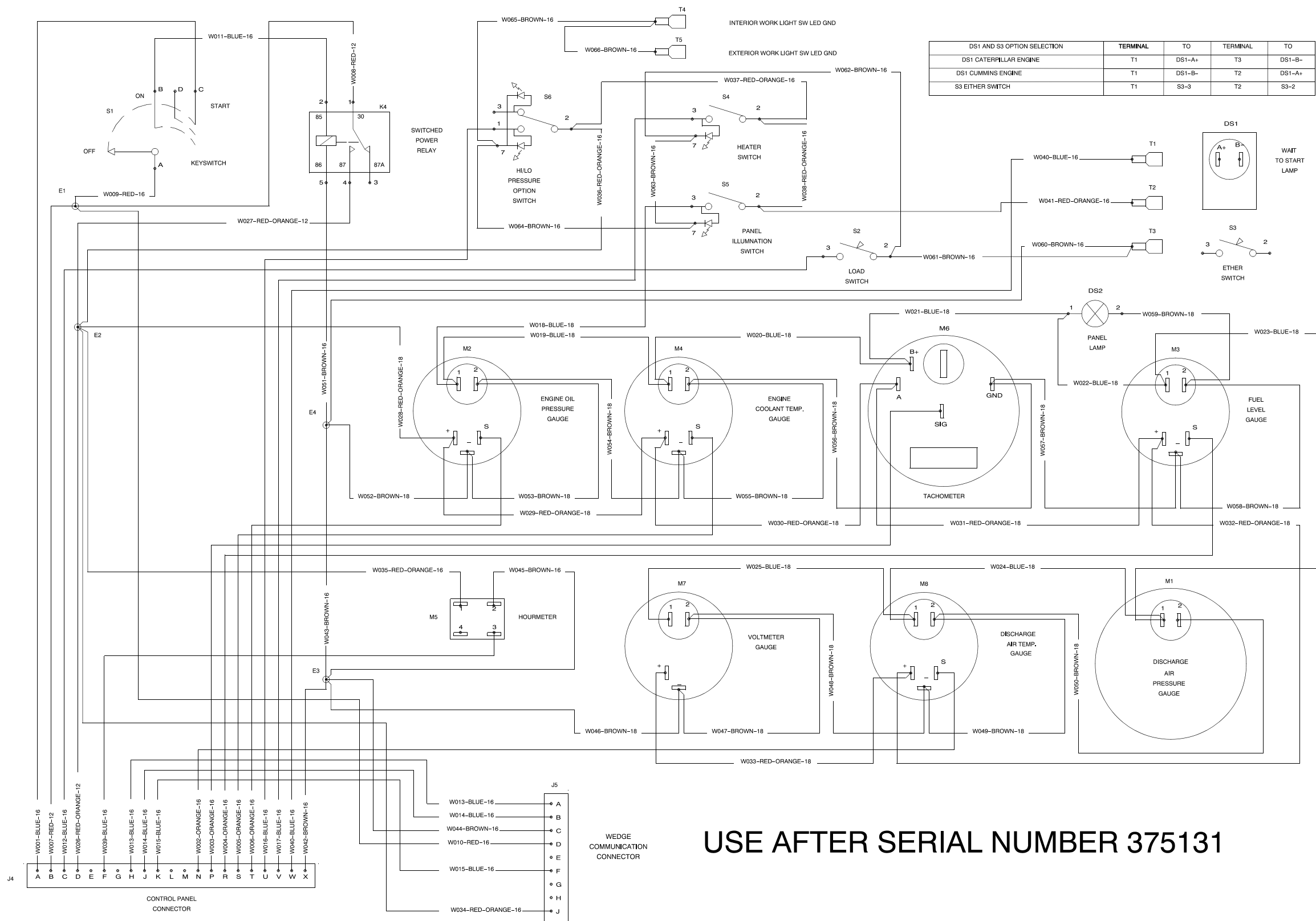


Control System Wiring Diagram



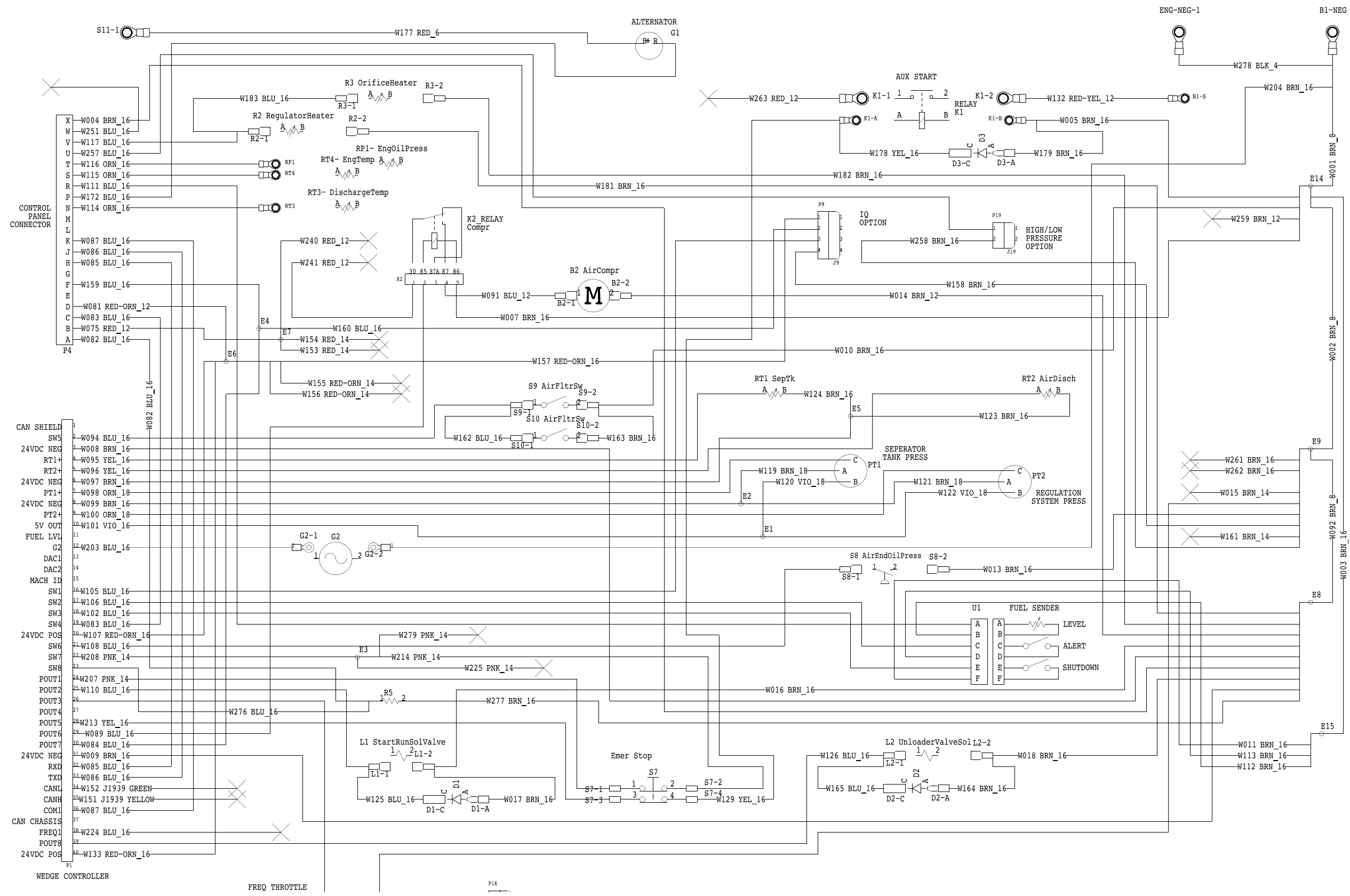
USE BEFORE SERIAL NUMBER 375132

Control System Wiring Diagram

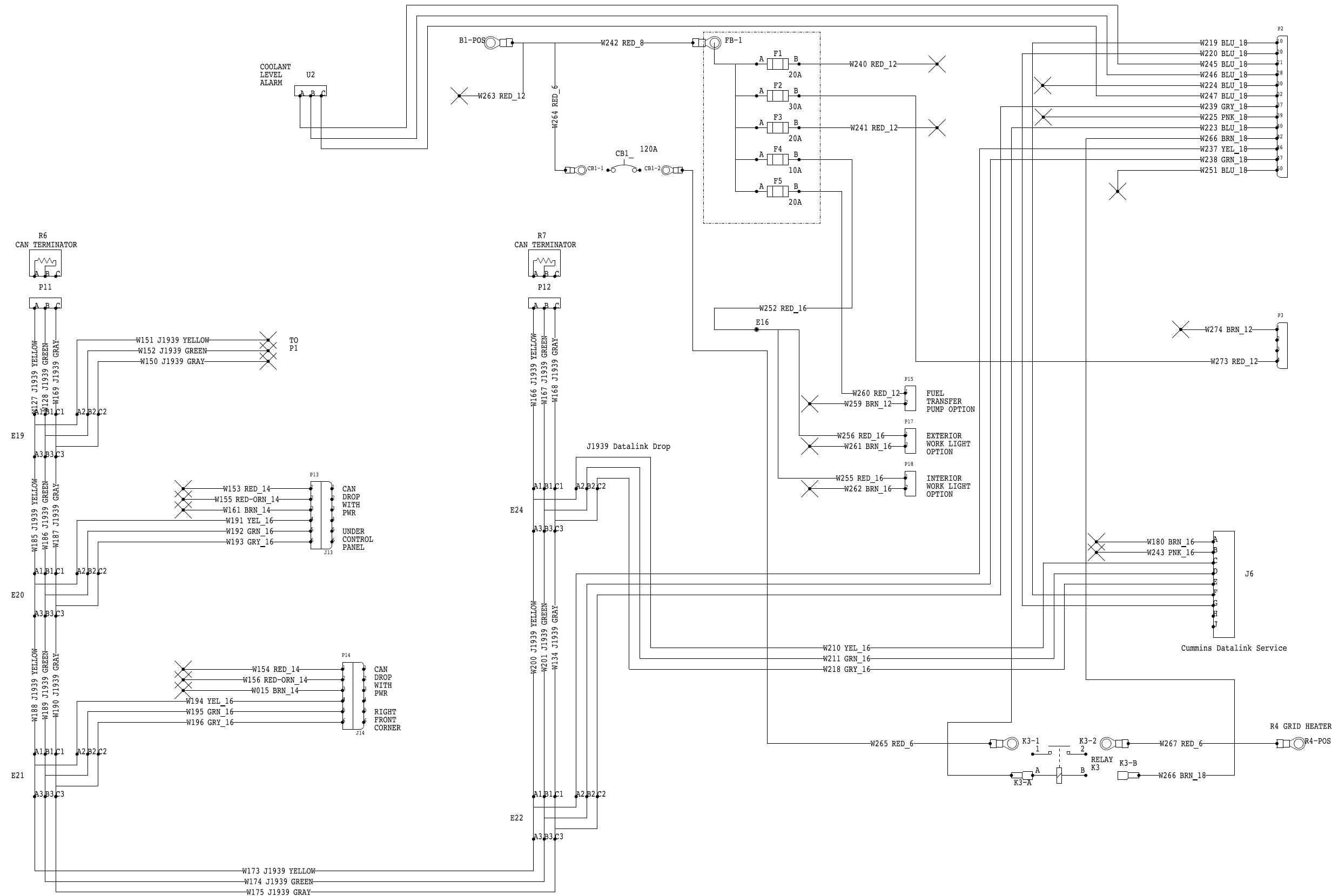


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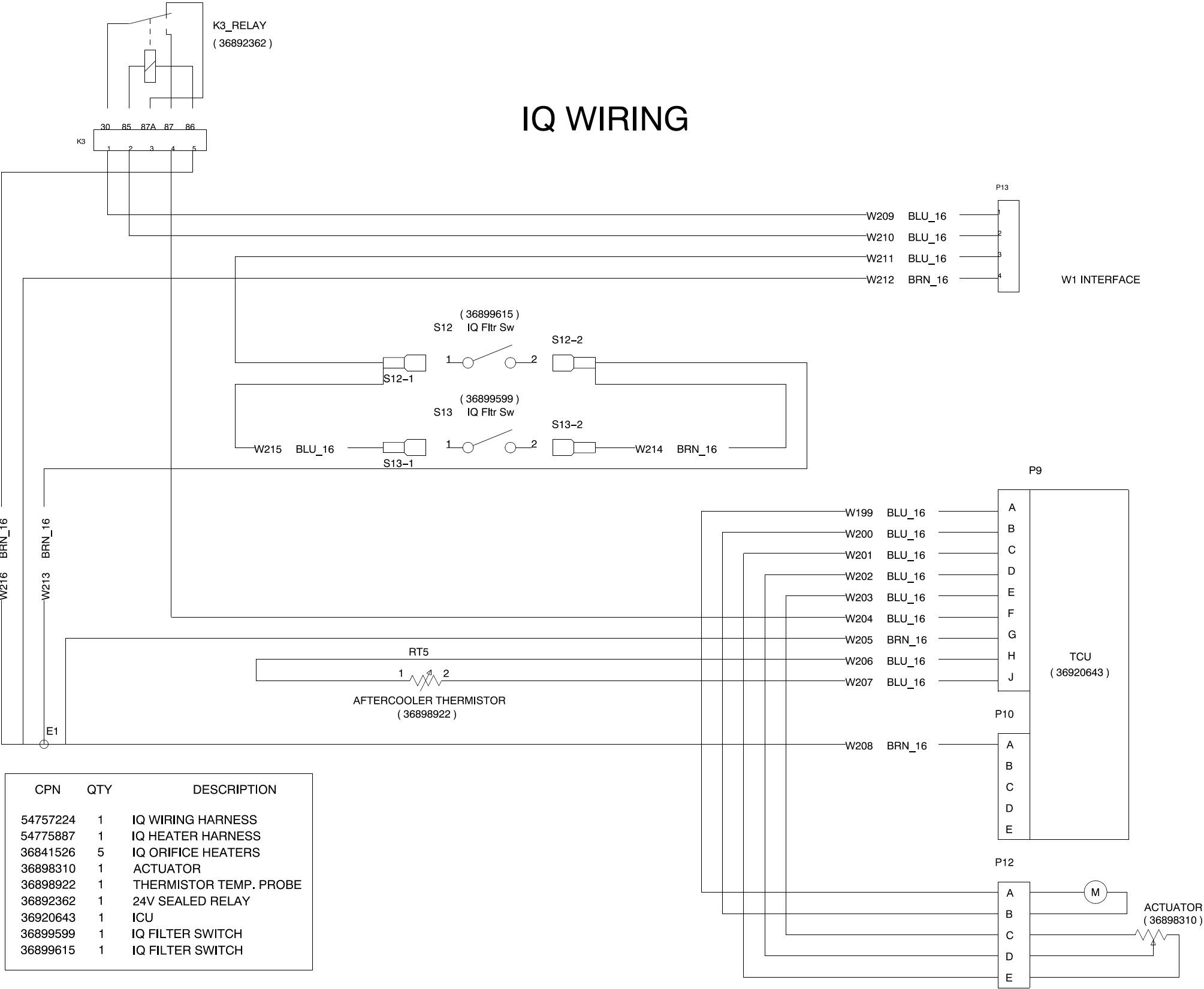
Control System Wiring Diagram



Control System Wiring Diagram



IQ Wiring Diagram





Utility Equipment
Ingersoll-Rand Company
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028