



Parts Manual

Compressor Models

XHP750WCU, XP1060WCU, MHP825WCU
Code:A

HP935WCU, VHP750WCU
Code: B



P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028

Book 22560874 (3/05)
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QUALITY POLICY

We will supply products and services that consistently meet the requirements of our customers and each other.

**CALIFORNIA
Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

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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 machine.

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.

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.

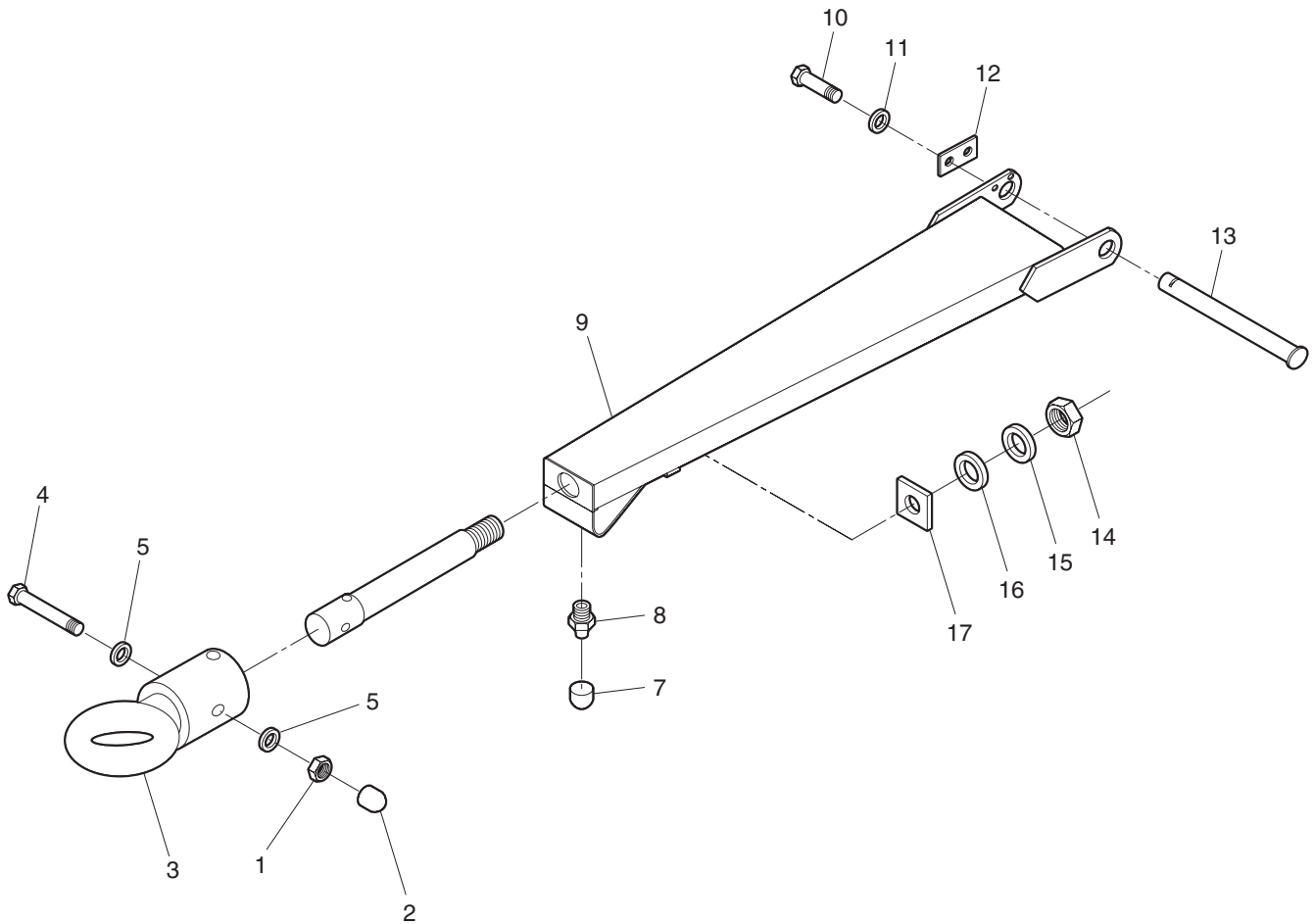
Abbreviations used:

1. N.B = If needed.
2. M = Please indicate length when ordering.

Parts List



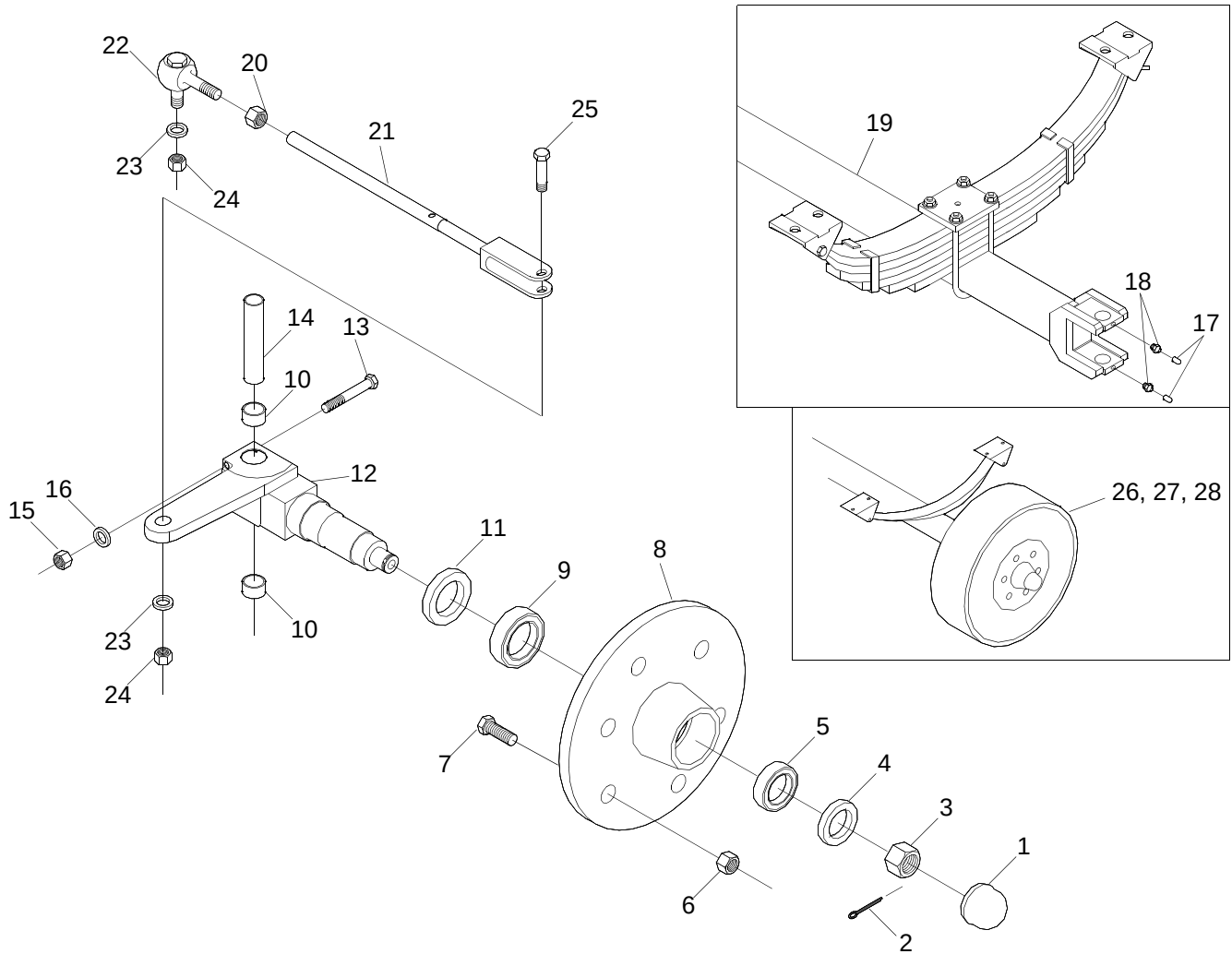
Steerable Running Gear



22560874_008_11/04_A

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	

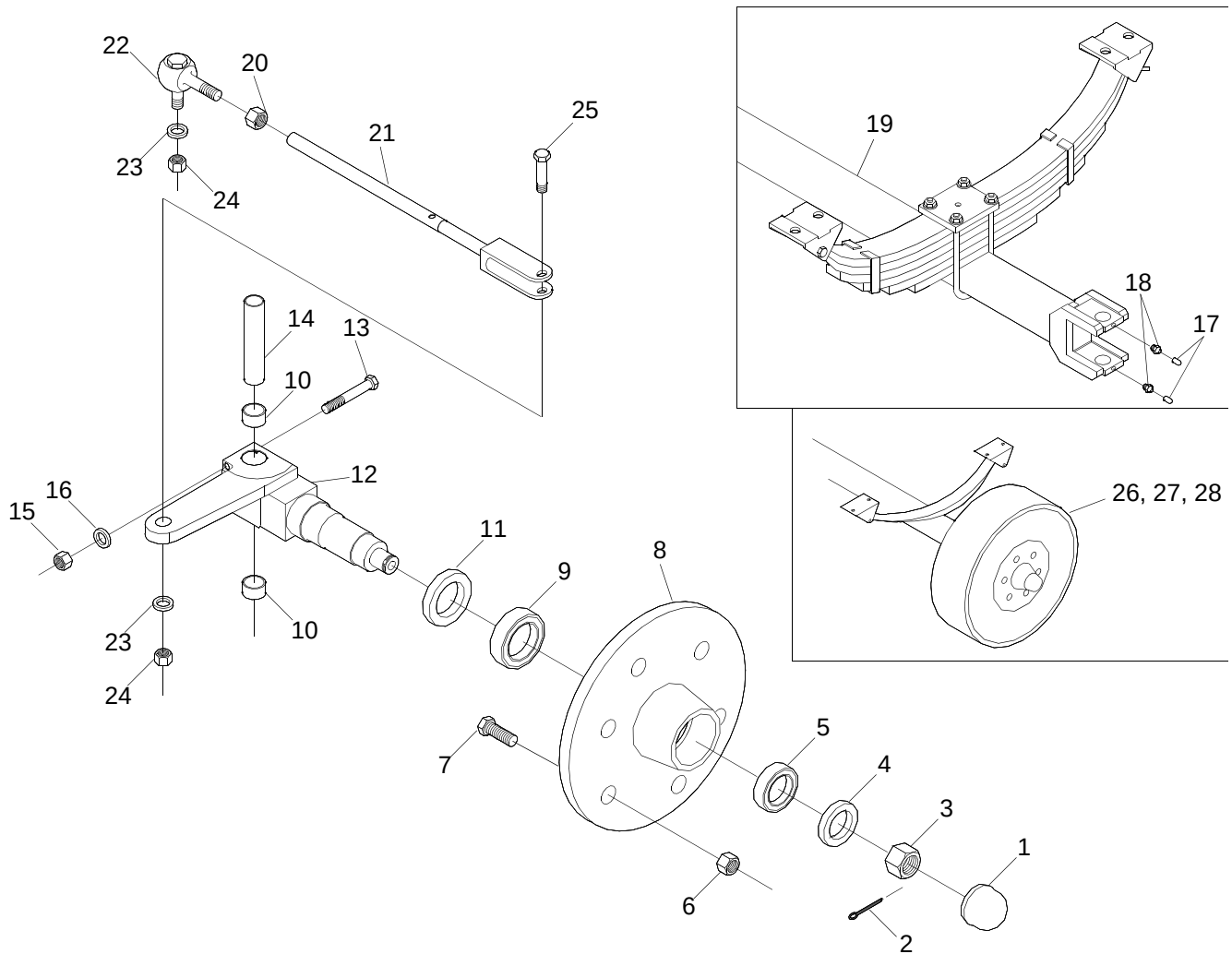
Steerable Running Gear (Front Axle)



22560874_009_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	22513816	Front Axle Assembly , Round Beam	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.....

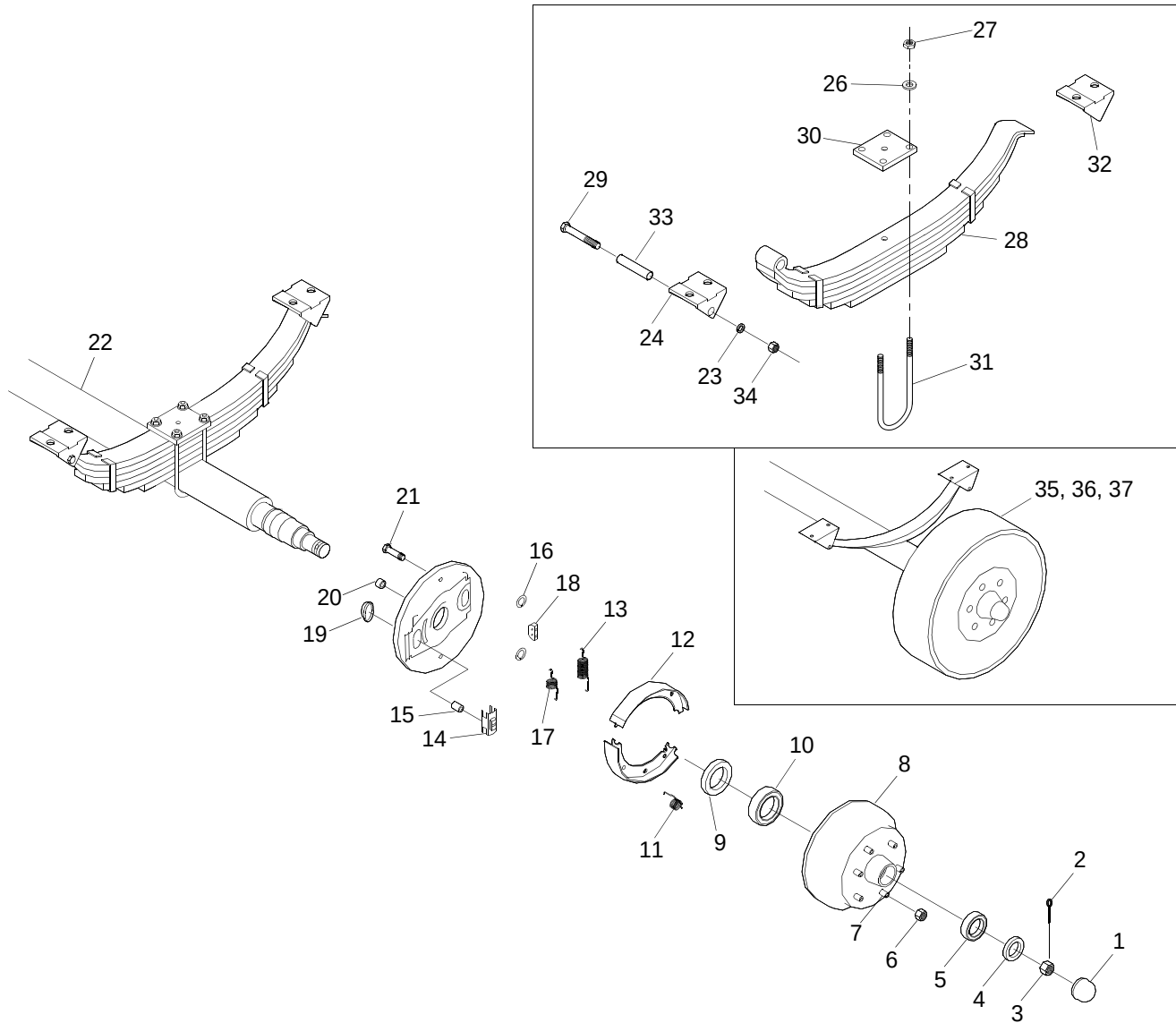
Steerable Running Gear (Front Axle)



22560874_009_11/04_A

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	22513832	Beam , Round Axle	1	
	36092070	Kit , Round Beam To Replace Sq. Beam Axle	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	

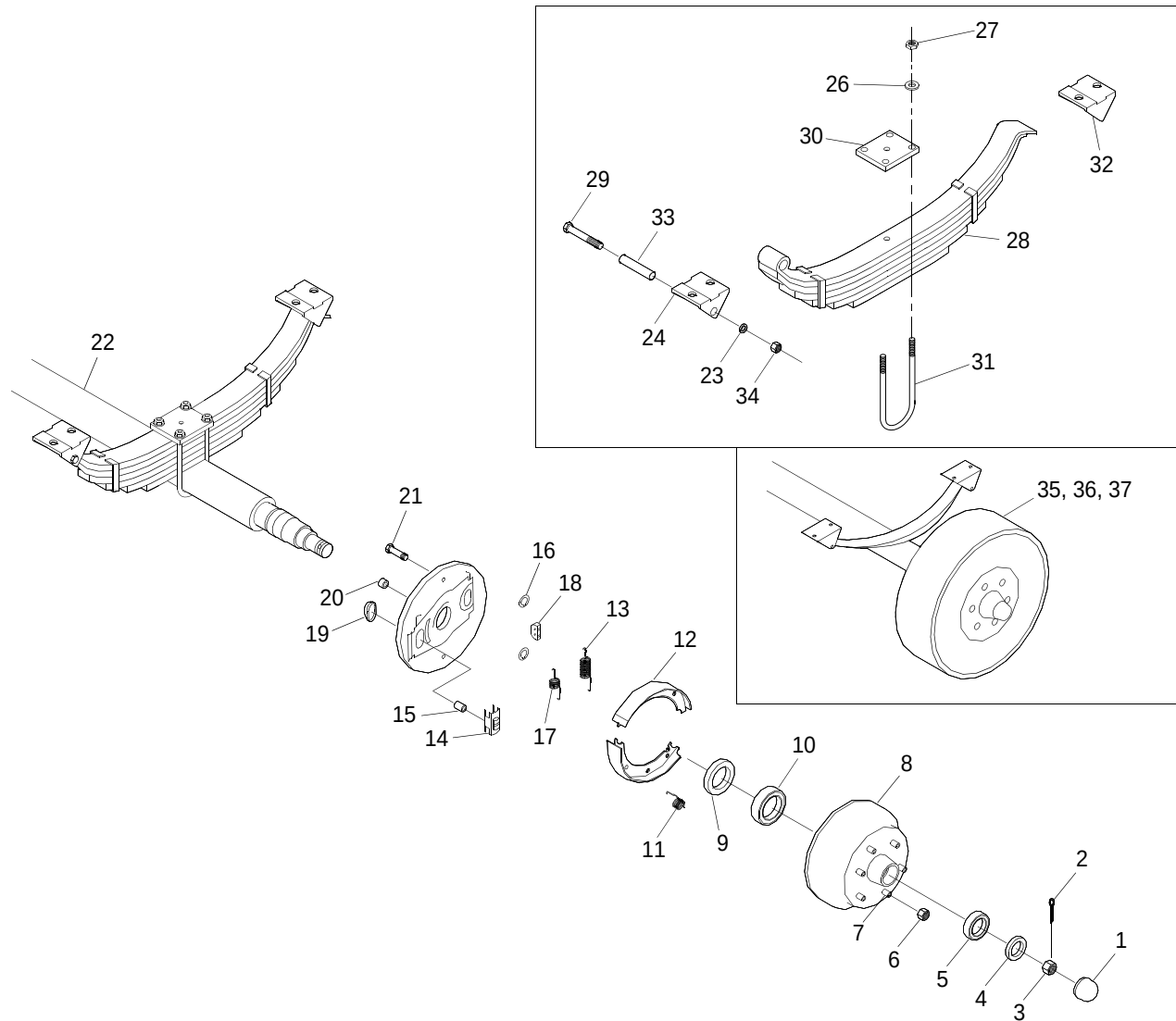
Steerable Running Gear (Rear Axle)



22560874_011_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	22513717	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.....

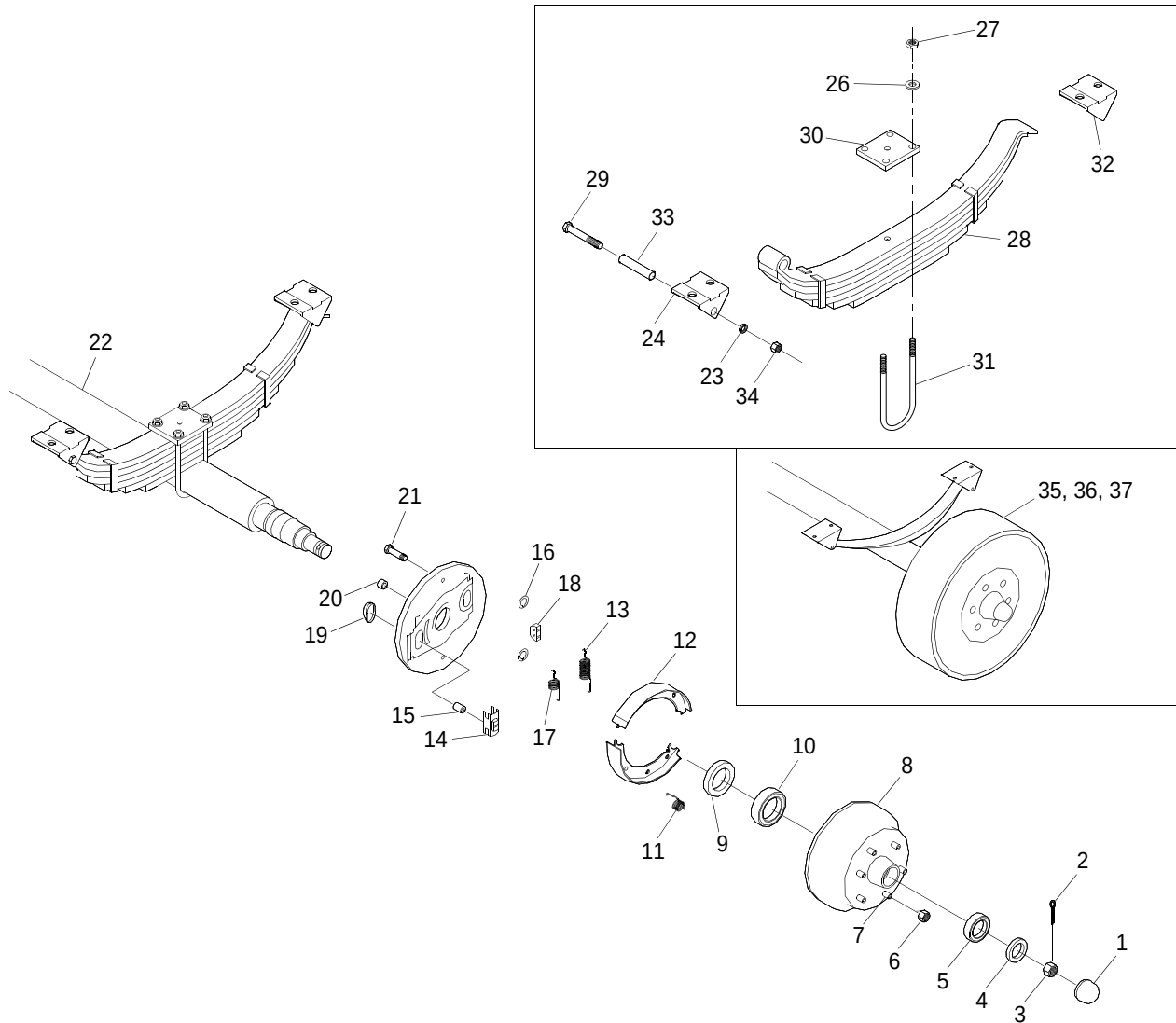
Steerable Running Gear (Rear Axle)



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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	22513683	Beam, Rear Axle , Round	1	
	36092088	Kit, Round Beam Rear Axle To Replace Square Beam Axle	1	
23	22392344	Washer	4	
24	22392310	Shackle, Front	4	
				Continued.....

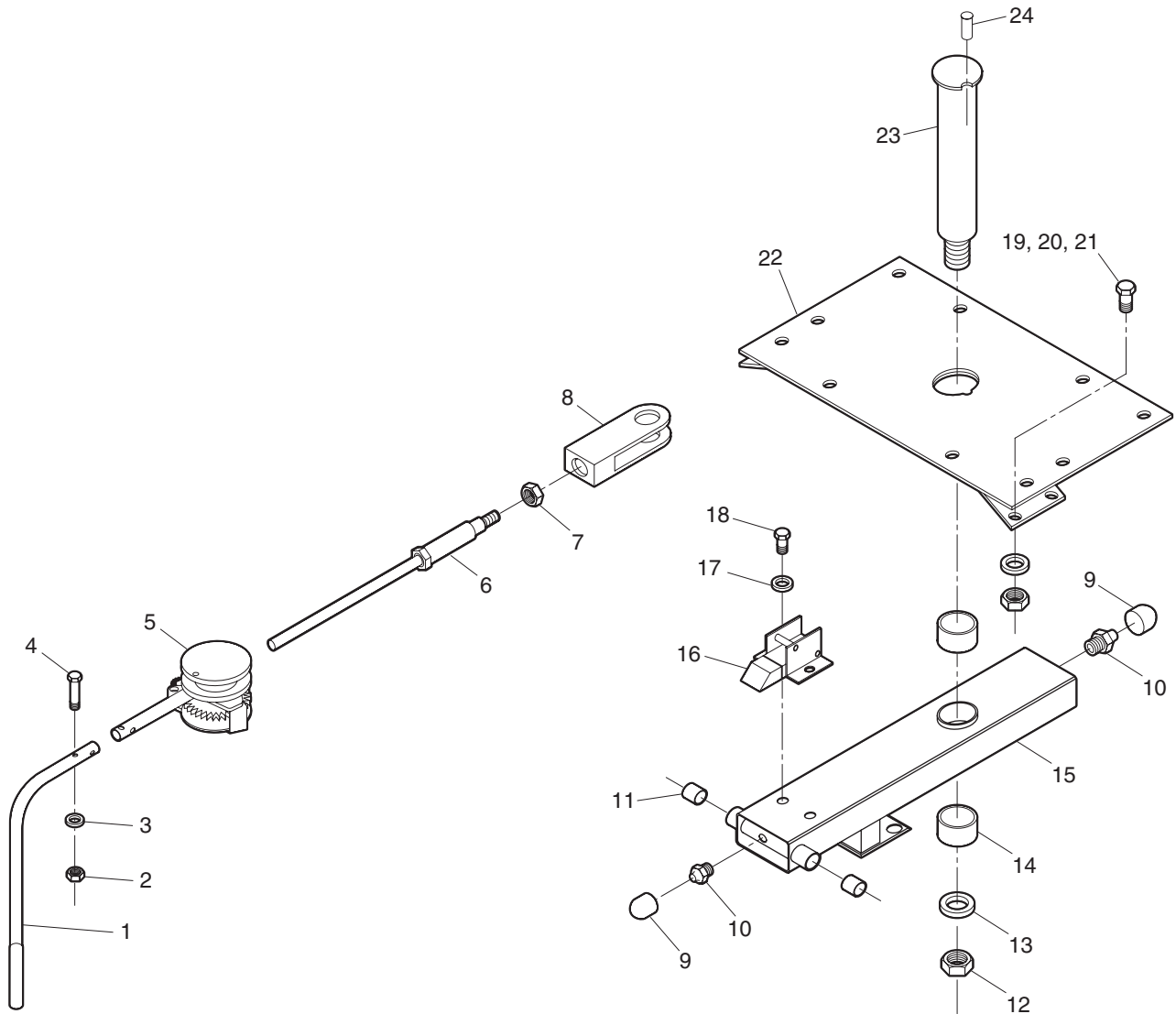
Steerable Running Gear (Rear Axle)



22560874_011_11/04_A

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	22513709	Spring Base , Upper	2	
31	22513691	U-bolt	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	

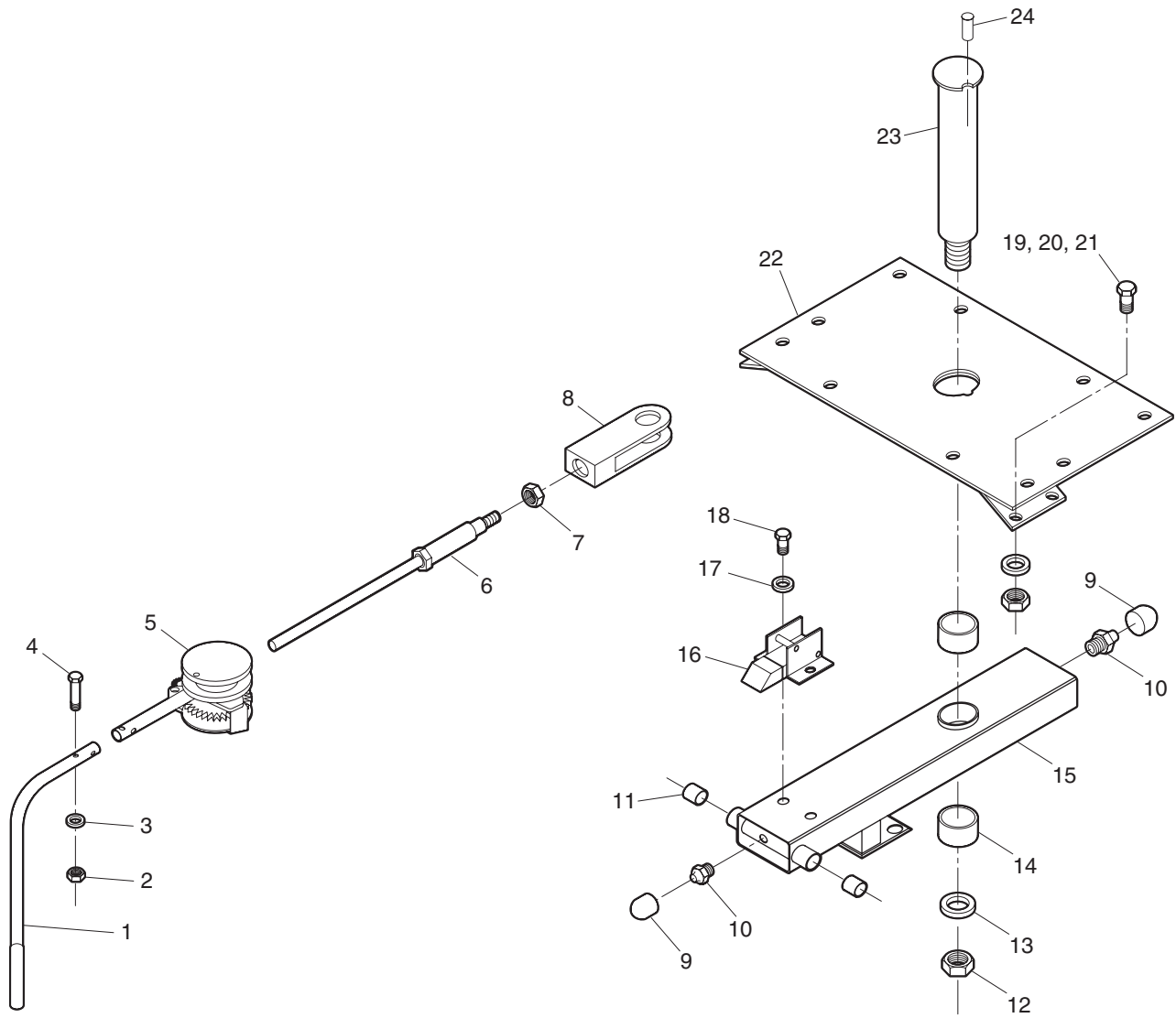
Steerable Running Gear (Parking Brake)



22560874_014_11/04_A

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.....

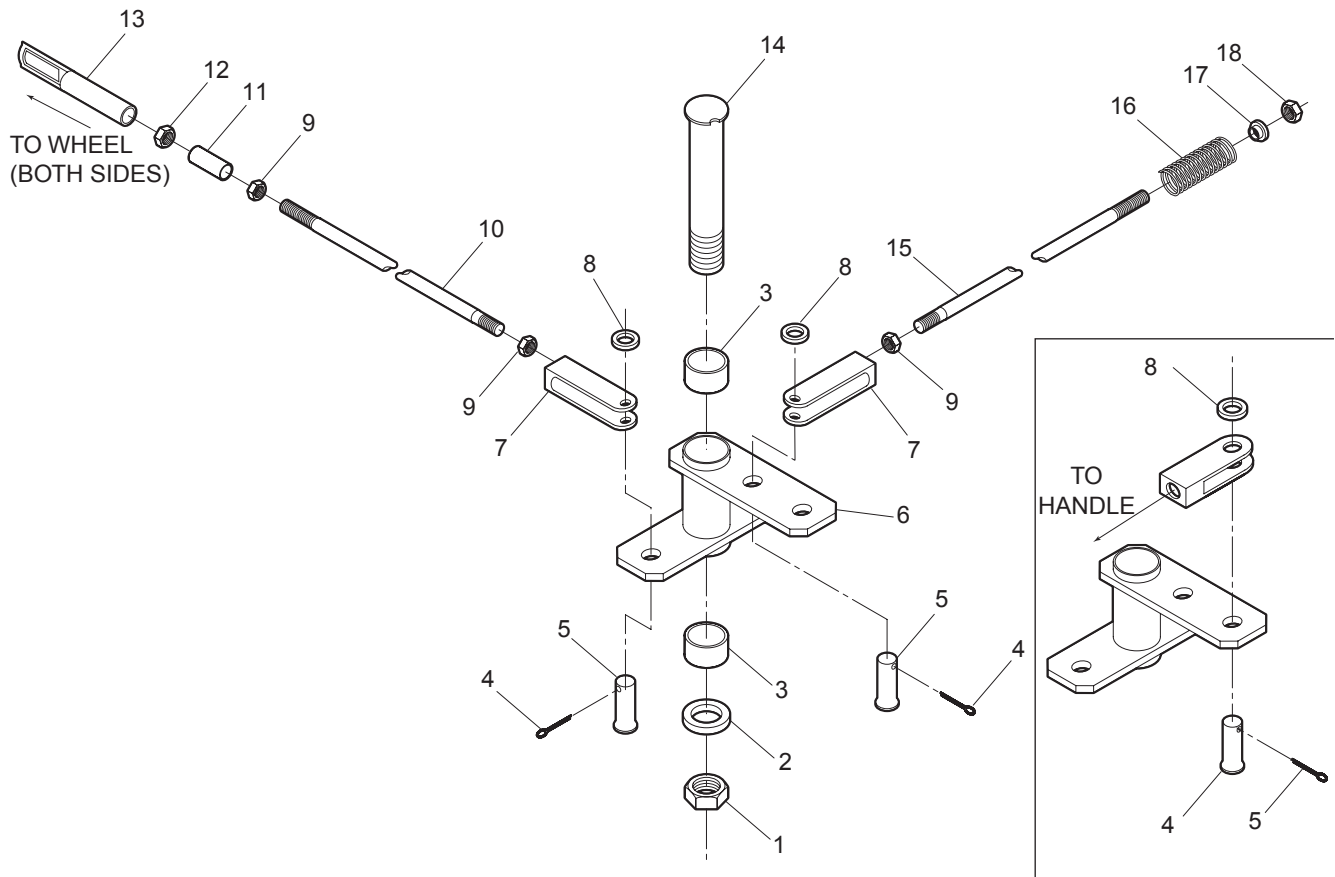
Steerable Running Gear (Parking Brake)



22560874_014_11/04_A

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	

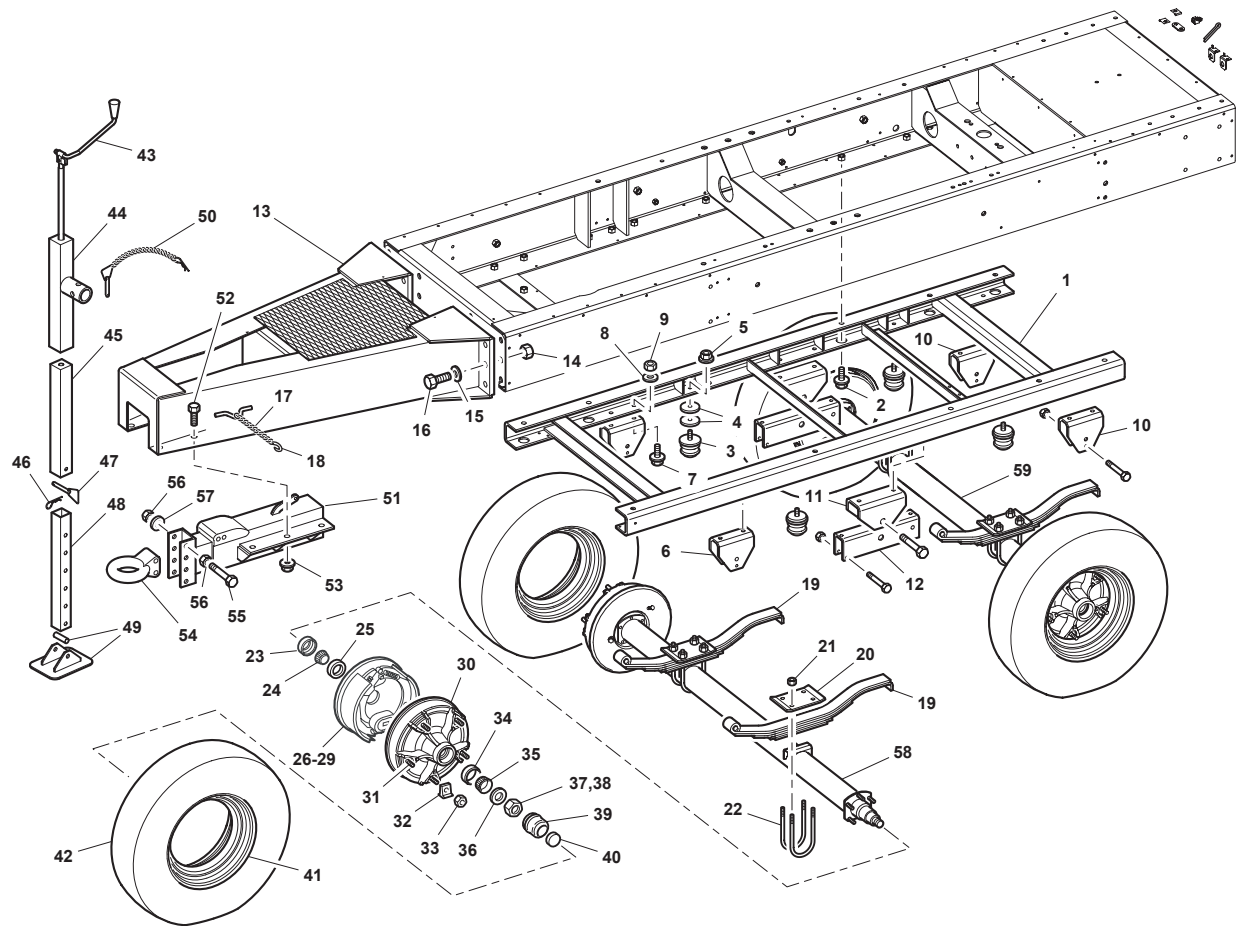
Steerable Running Gear (Parking Brake)



22560874_016_11/04_A

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	

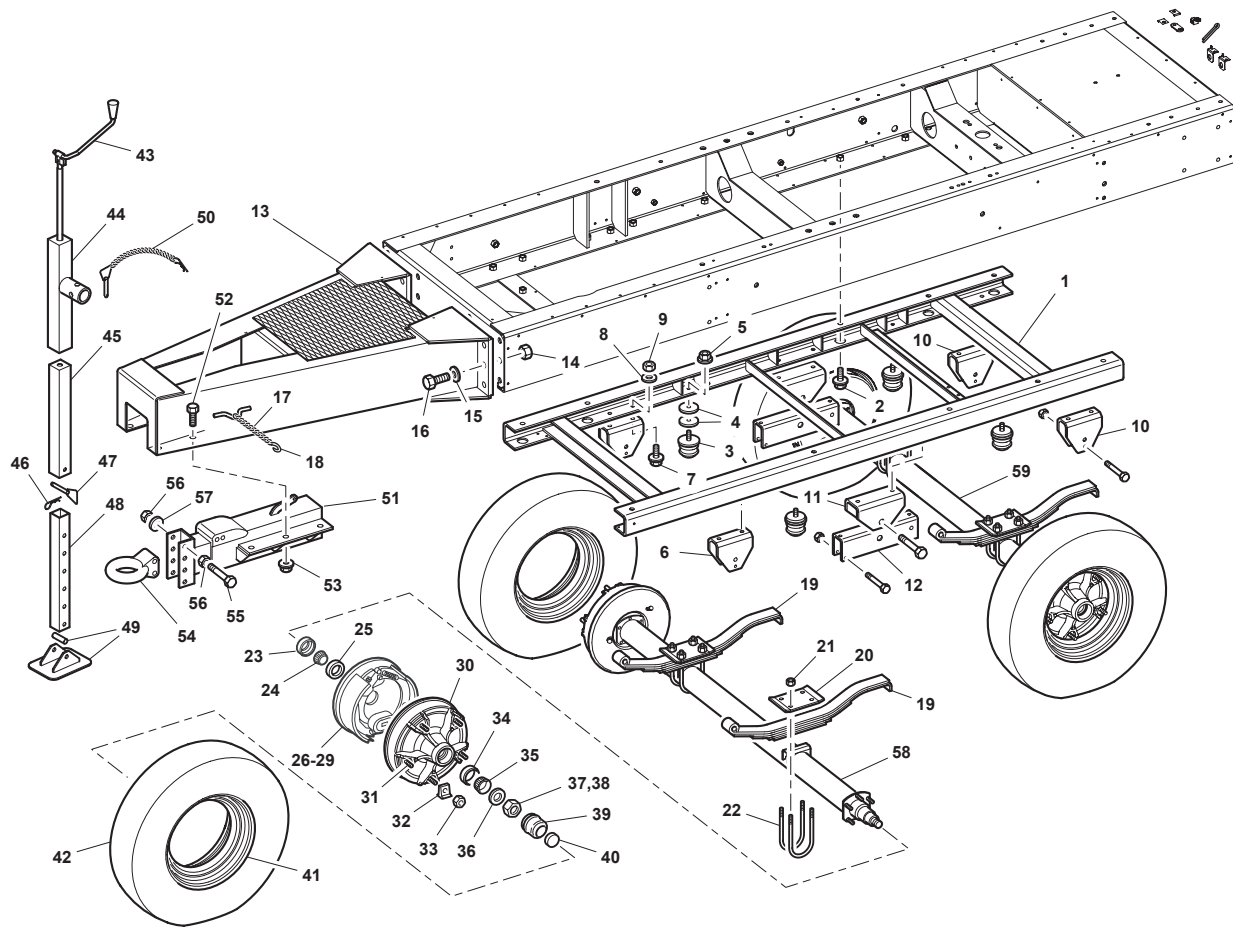
High Speed Running Gear (Hydraulic Brake)



22560874_017_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22441919	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.....

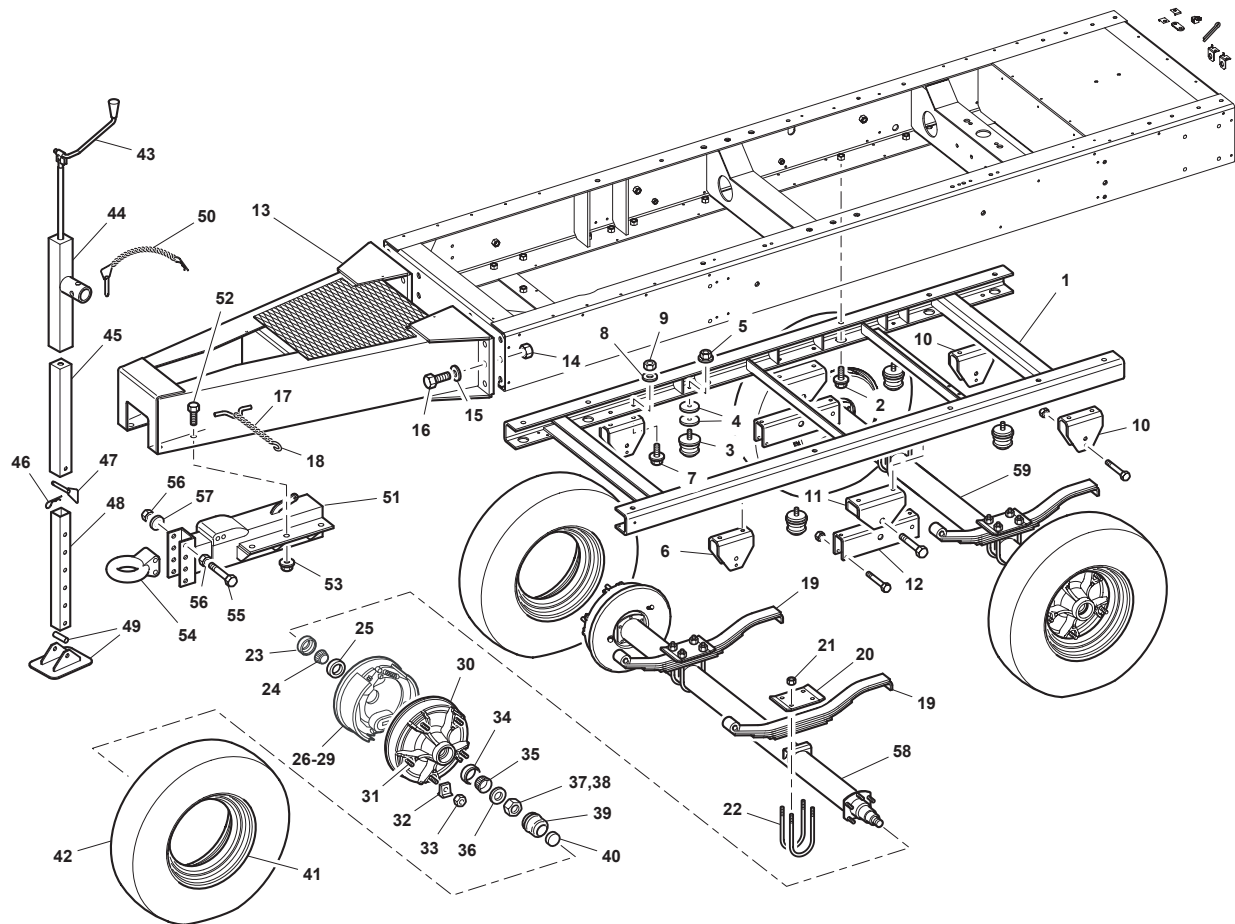
High Speed Running Gear (Hydraulic Brake)



22560874_017_11/04_A

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	
23-40	--	Wheel & Hub Assembly	4	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cone, Inner	1	
25	35316876	Bearing Cone, Inner	1	
26	36895241	Brake Assembly, Left Hand	1	Continued.....
	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	

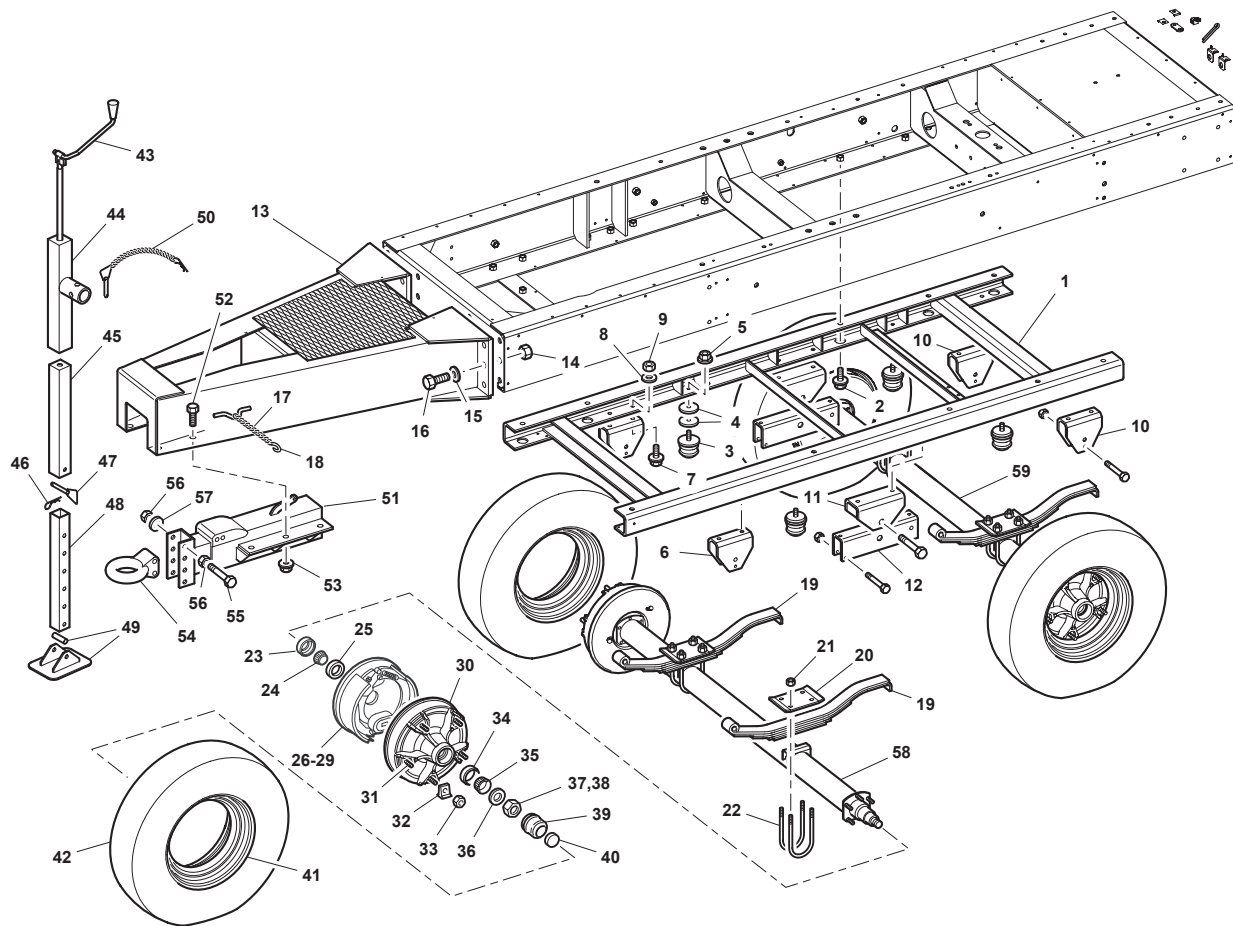
High Speed Running Gear (Hydraulic Brake)



22560874_017_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
29	36895795	Brake Spring Kit	1	Continued
30	22331326	Hub Assembly	1	
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 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	
				Continued.....

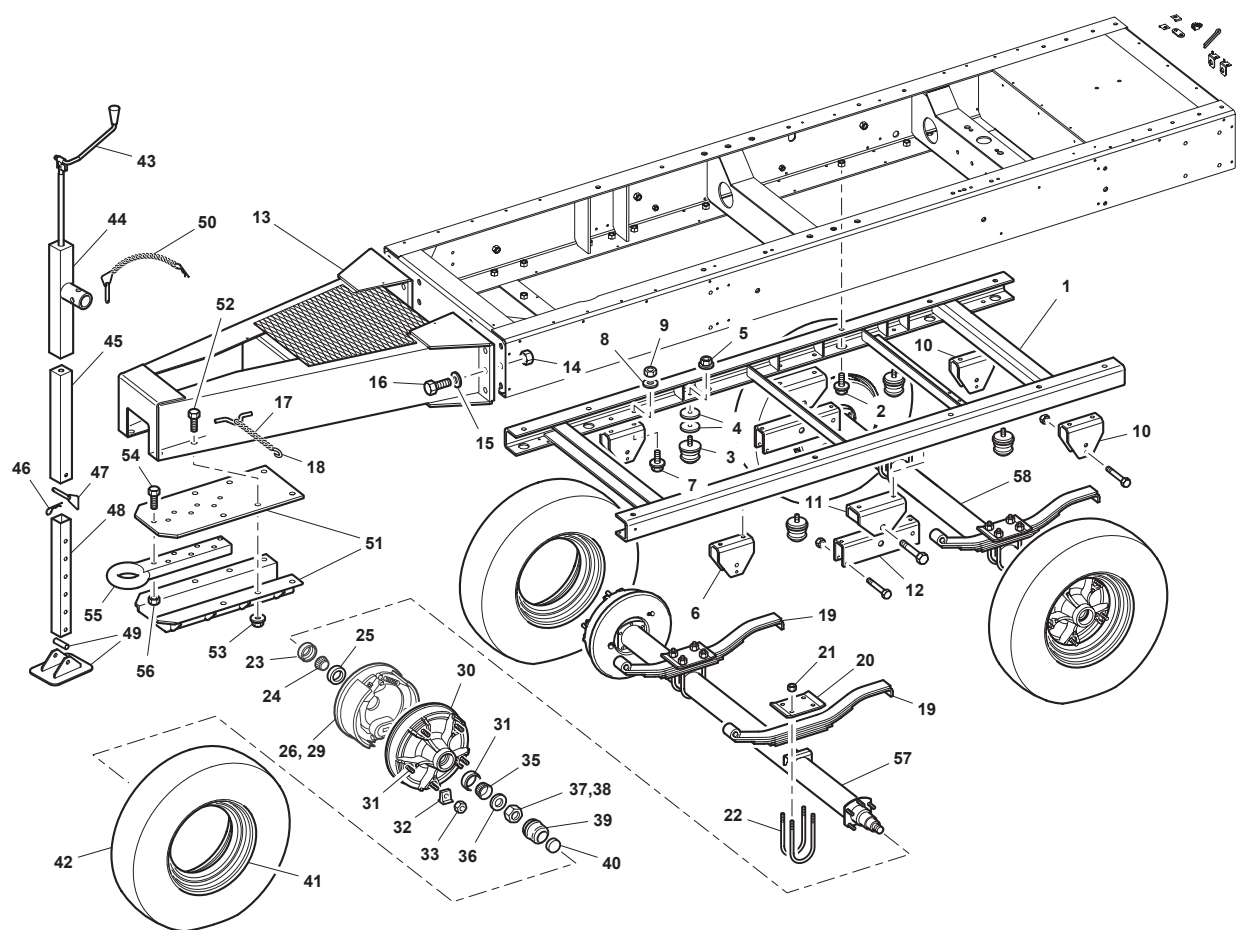
High Speed Running Gear (Hydraulic Brake)



22560874_017_11/04_A

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	

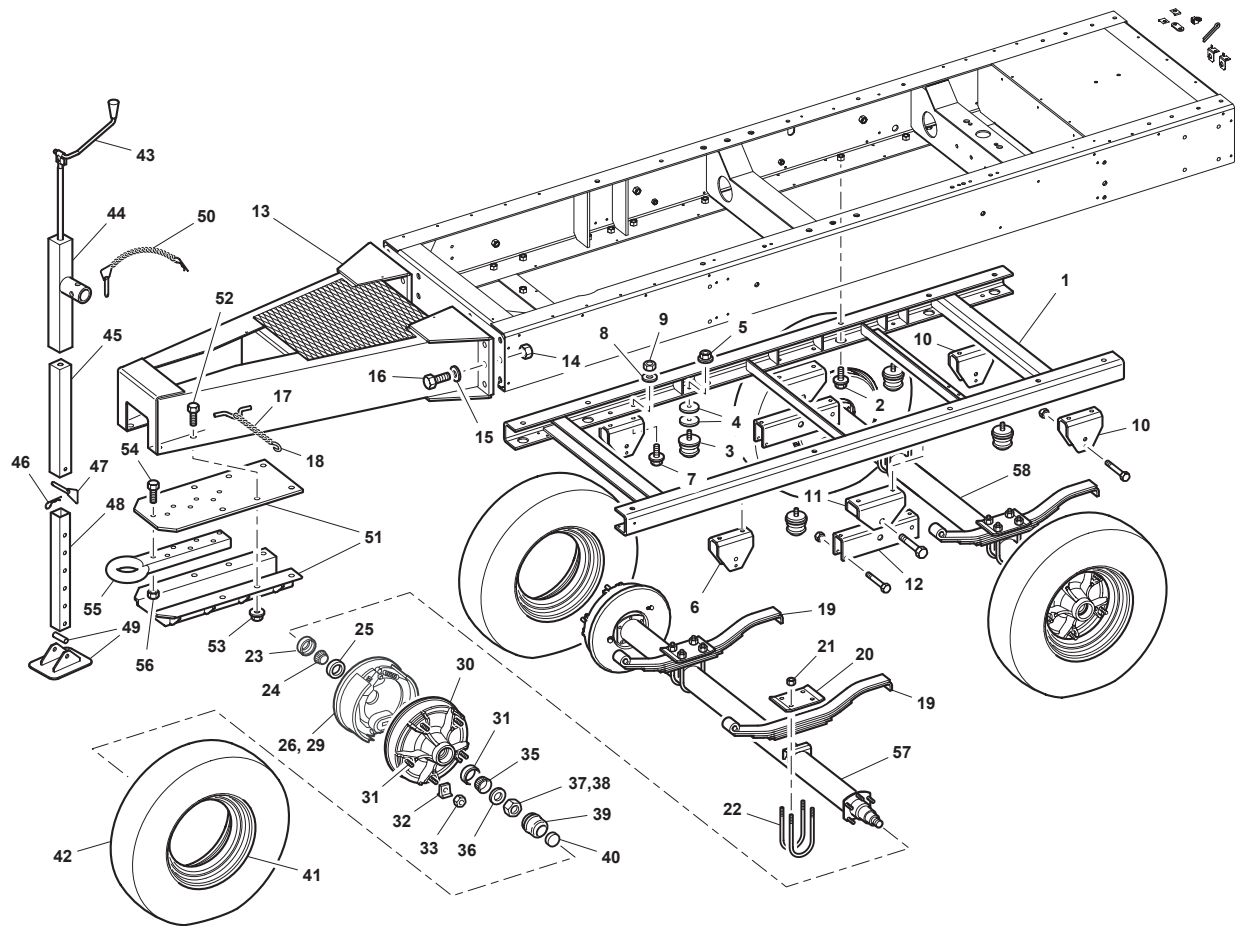
High Speed Running Gear (Electric Brake)



22560874_021_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22441919	Subframe	1	<i>Continued.....</i>
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		

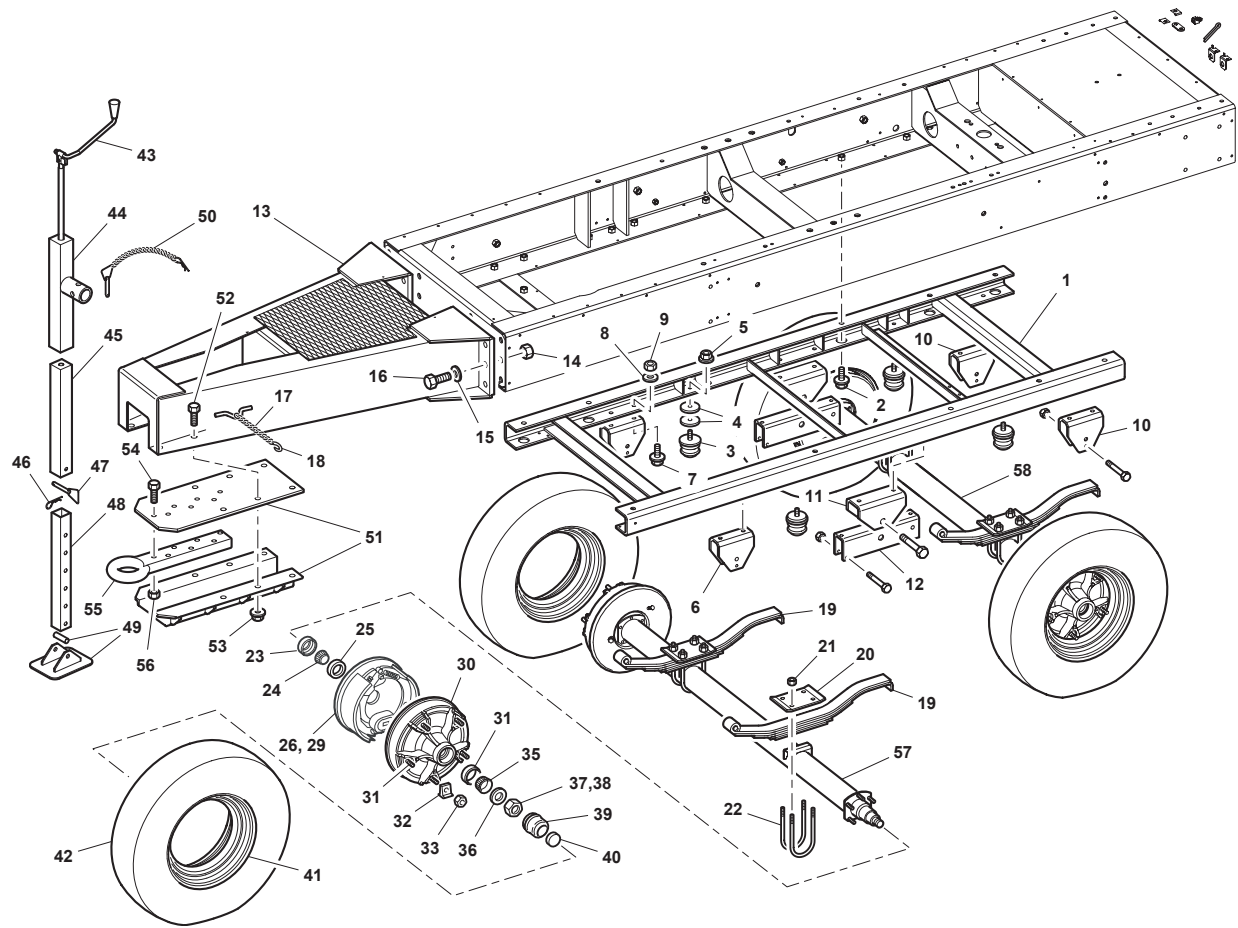
High Speed Running Gear (Electric Brake)



22560874_021_11/04_A

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	
23-40	-	Wheel & Hub Assembly	4	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cone, 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 Assembly	1	
31	22332449	Wheel Stud	5	
				Continued.....

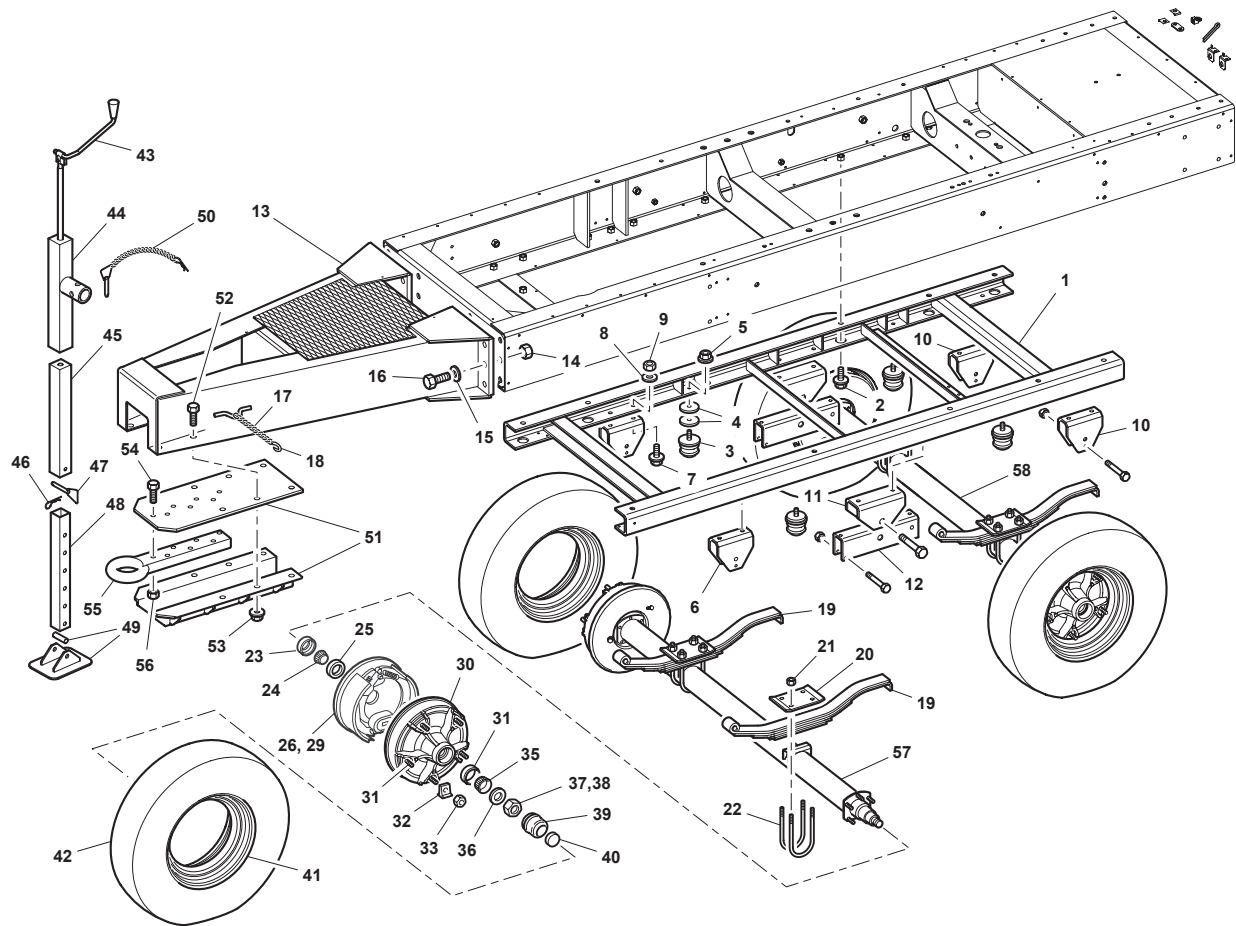
High Speed Running Gear (Electric Brake)



22560874_021_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	22330039	Wheel Nut Clamp	5	Continued
33	22331763	Wheel Nut	5	
34	35385277	Bearing Cone, 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.....

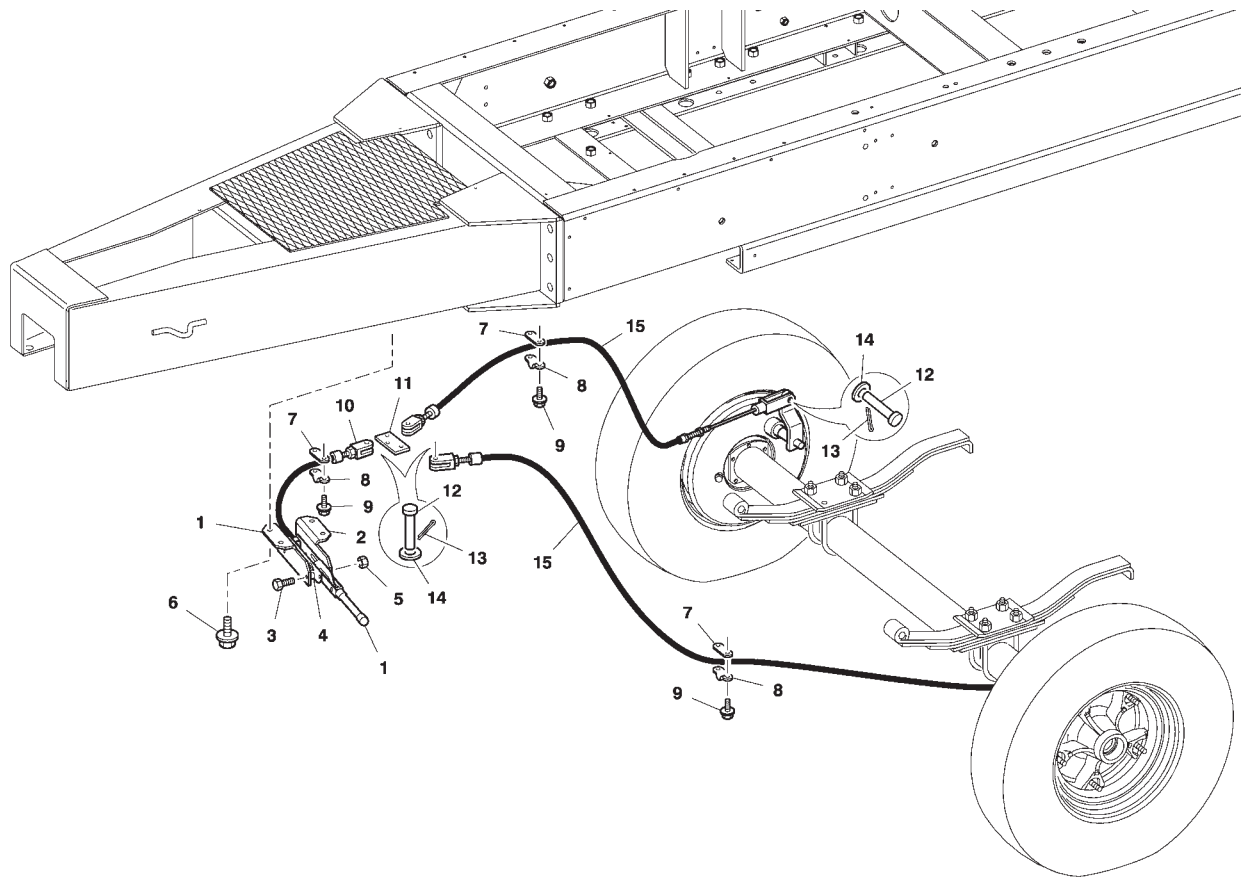
High Speed Running Gear (Electric Brake)



22560874_021_11/04_A

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	22215545	Bracket	1	
58	22215552	Bracket	1	
59	35859396	Handle	1	
60	96735543	Nut	2	
61	35288422	Screw	2	
62	36880995	Screw	4	
63	22320865	Axle Assembly, Front	1	
64	22320873	Axle Assembly, Rear	1	

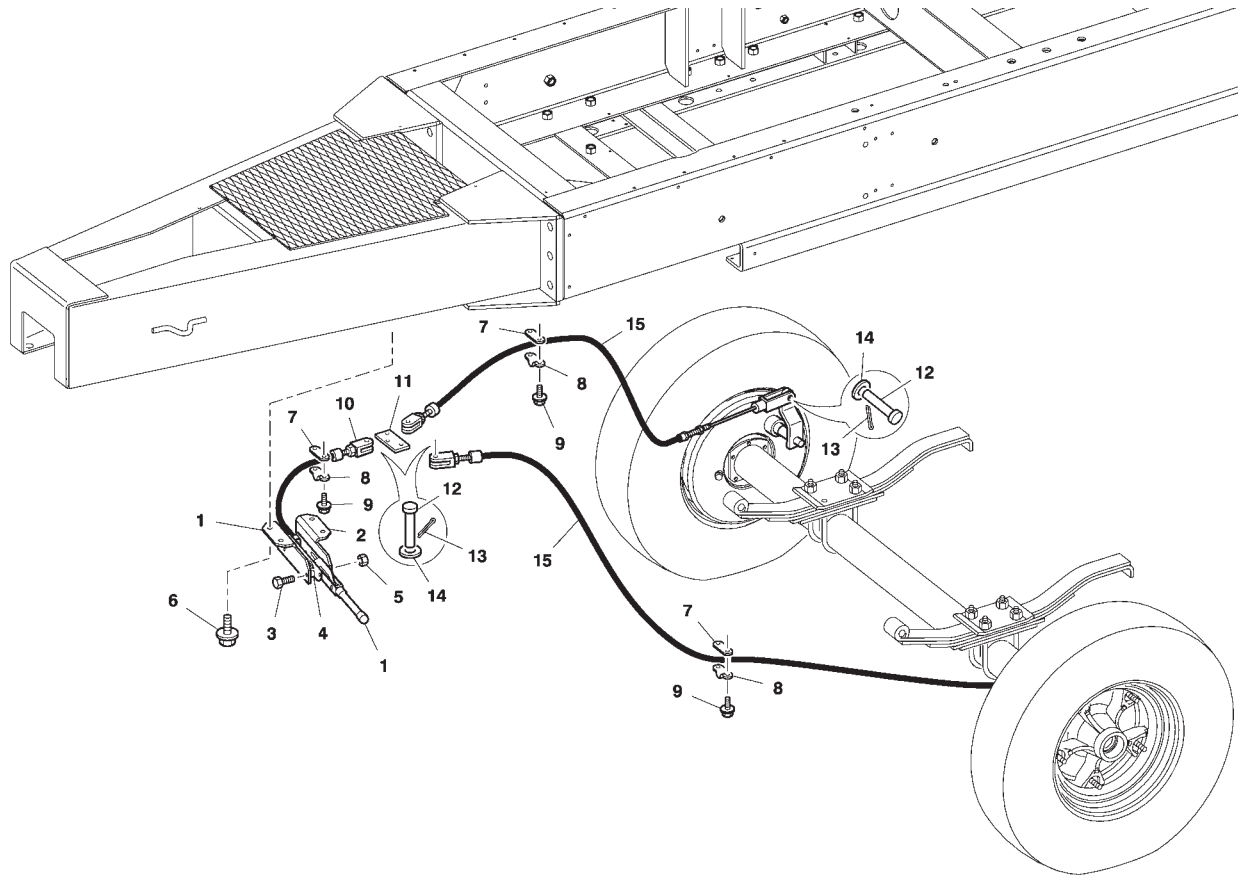
High Speed Running Gear (Parking Brake)



22560874_025_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22215545	Bracket, Parking Brake, Left Hand	1	Continued.....
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	

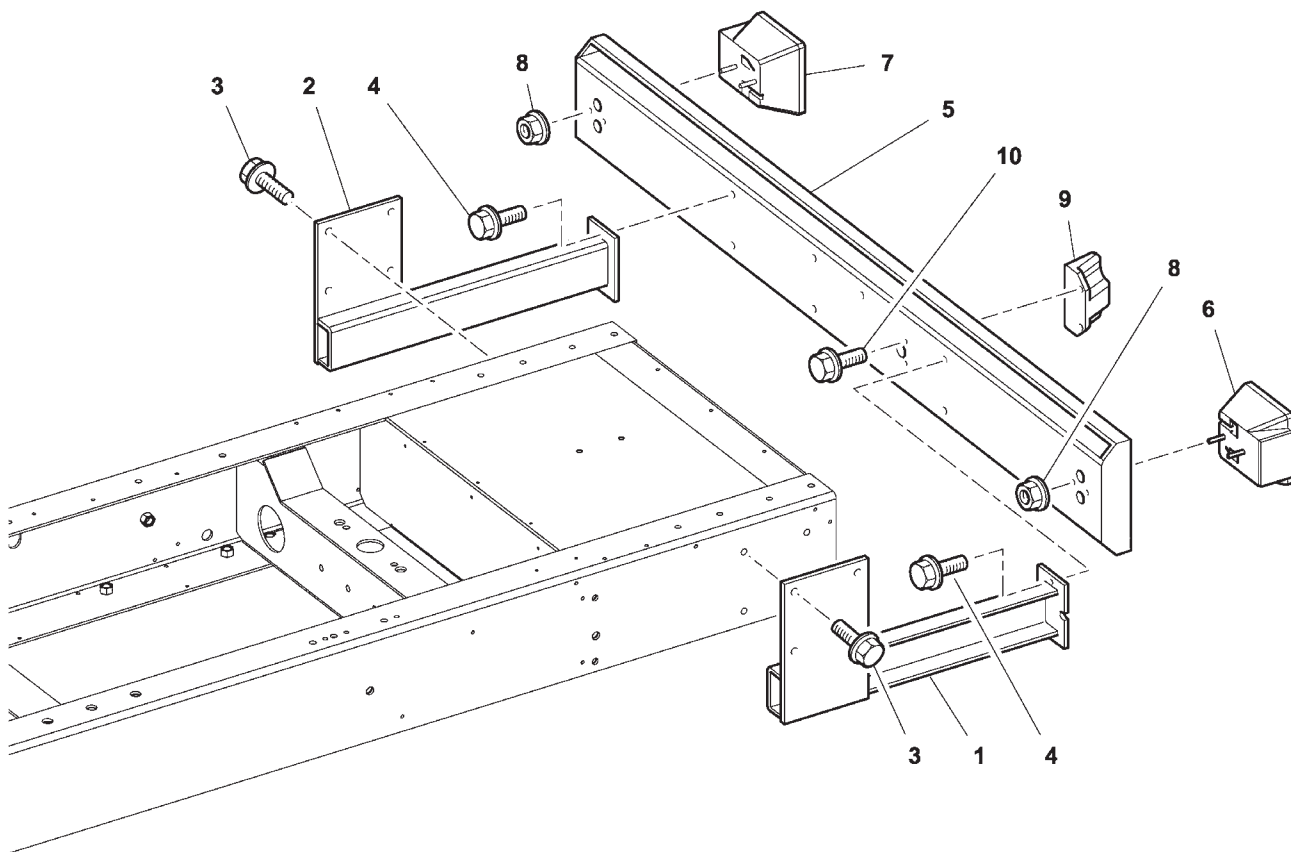
High Speed Running Gear (Parking Brake)



22560874_025_11/04_A

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	

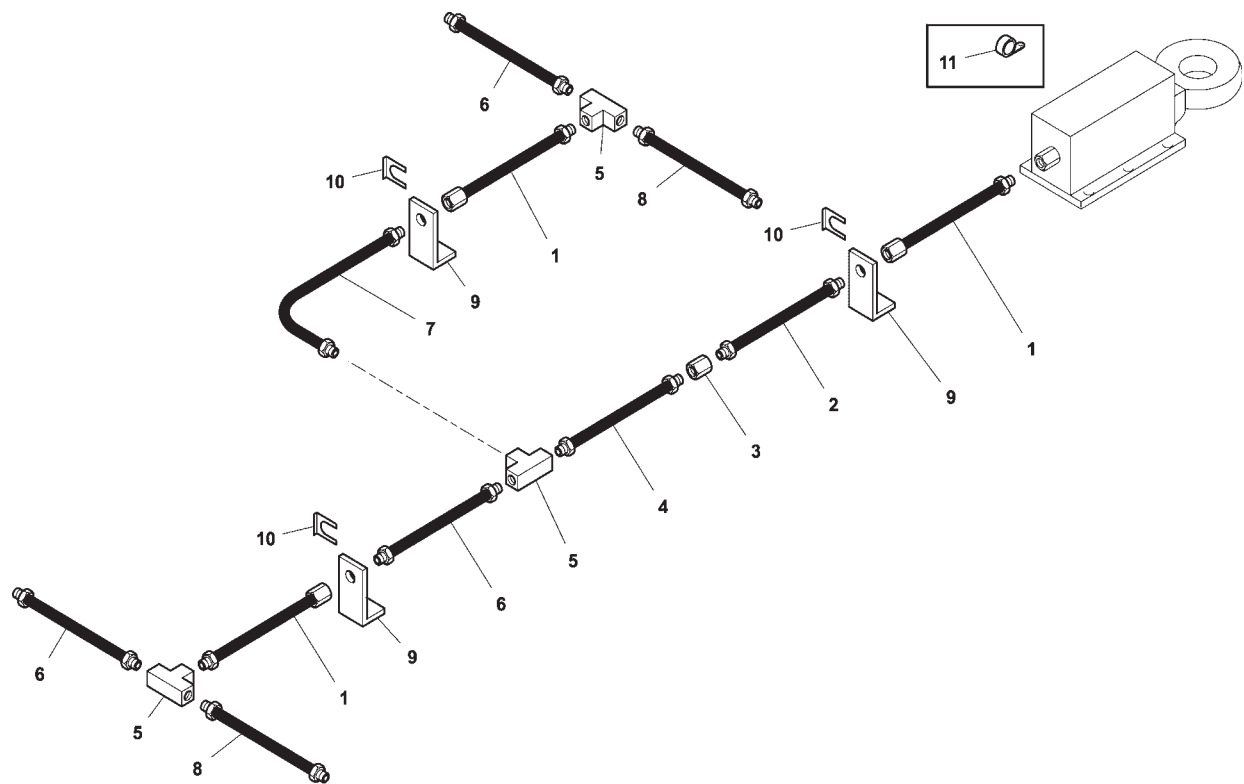
High Speed Running Gear



22560874_027_11/04_A

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	

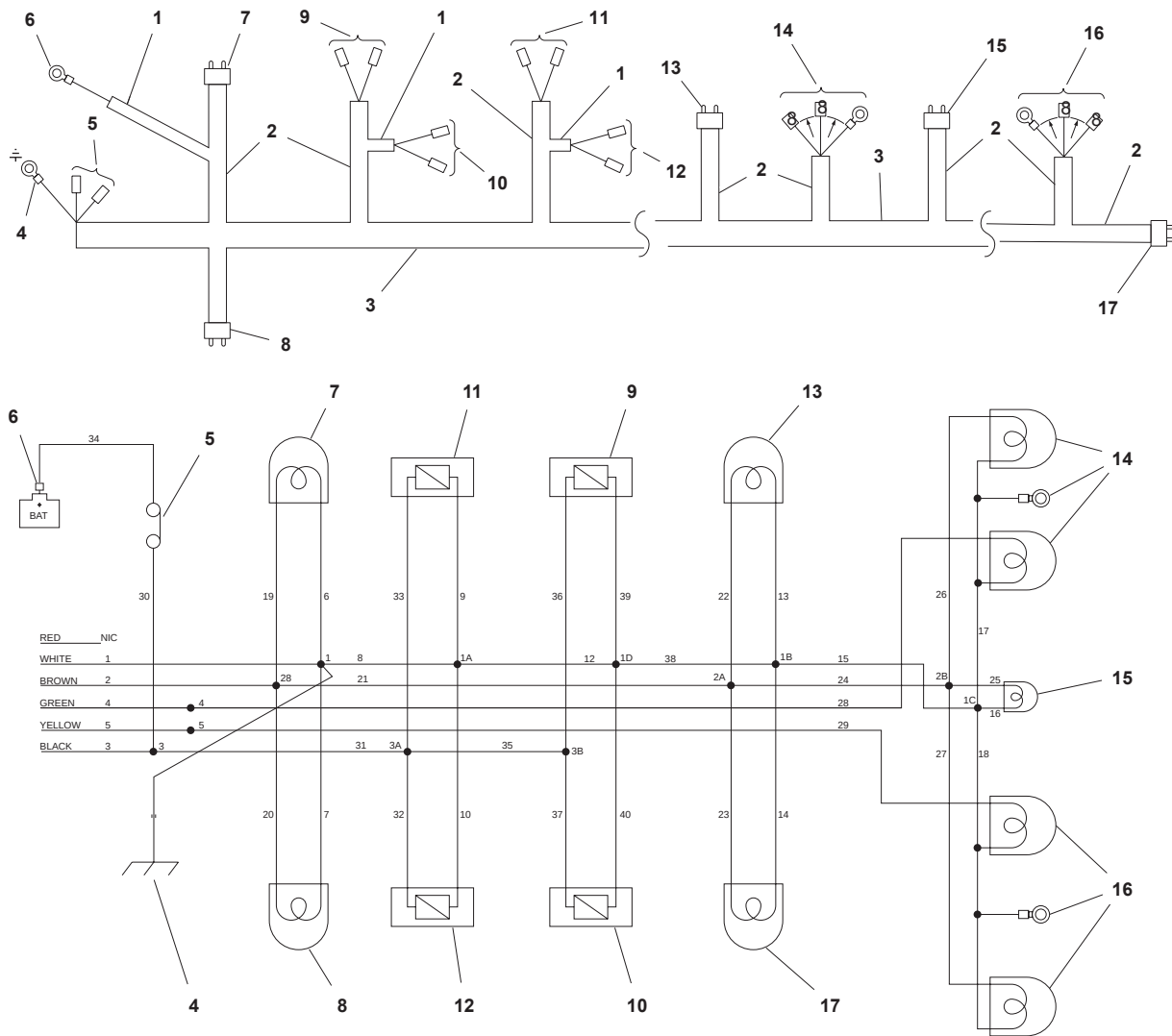
High Speed Running Gear



22560874_028_11/04_A

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	

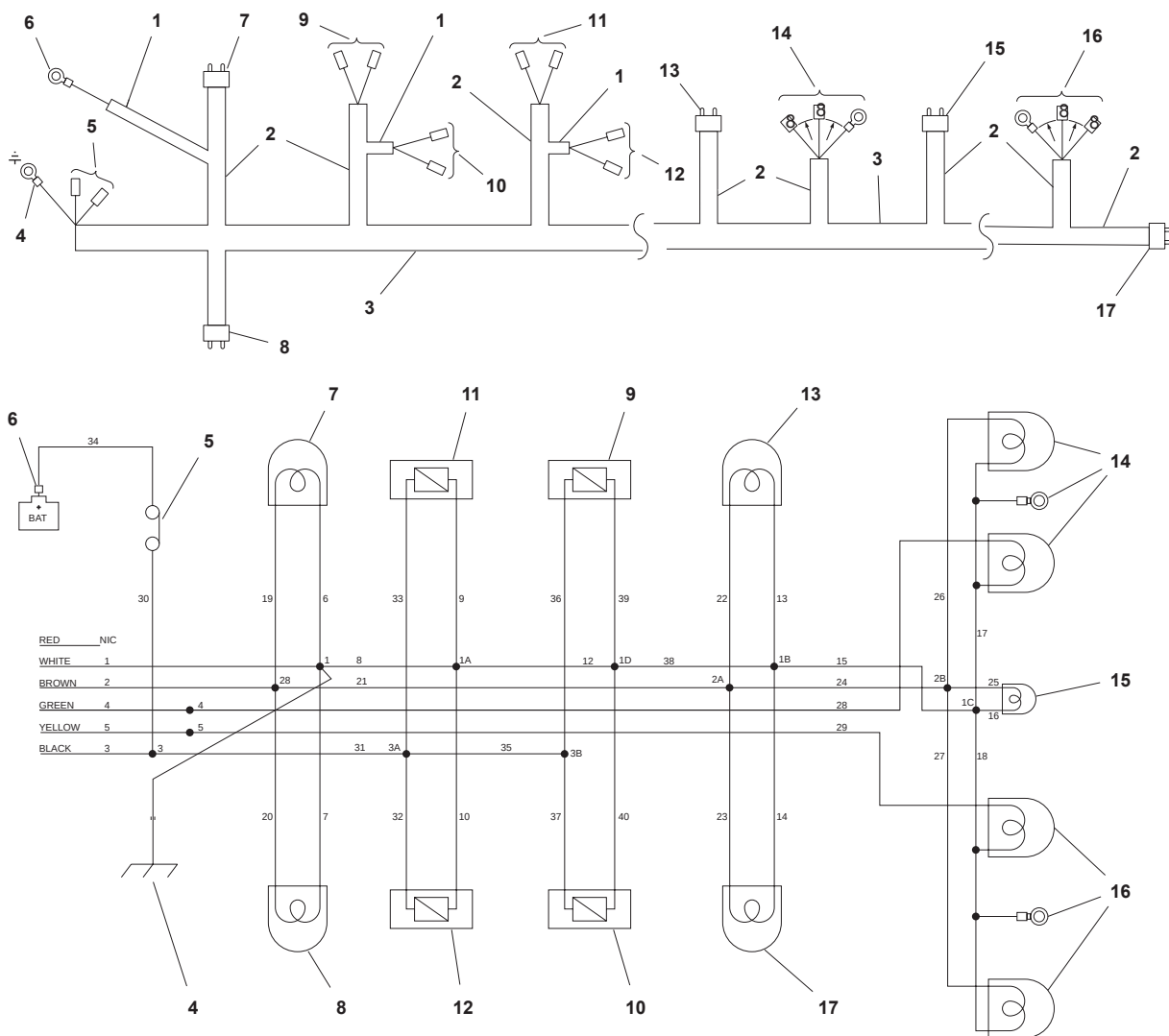
High Speed Running Gear



22560874_029_11/04_A

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.....

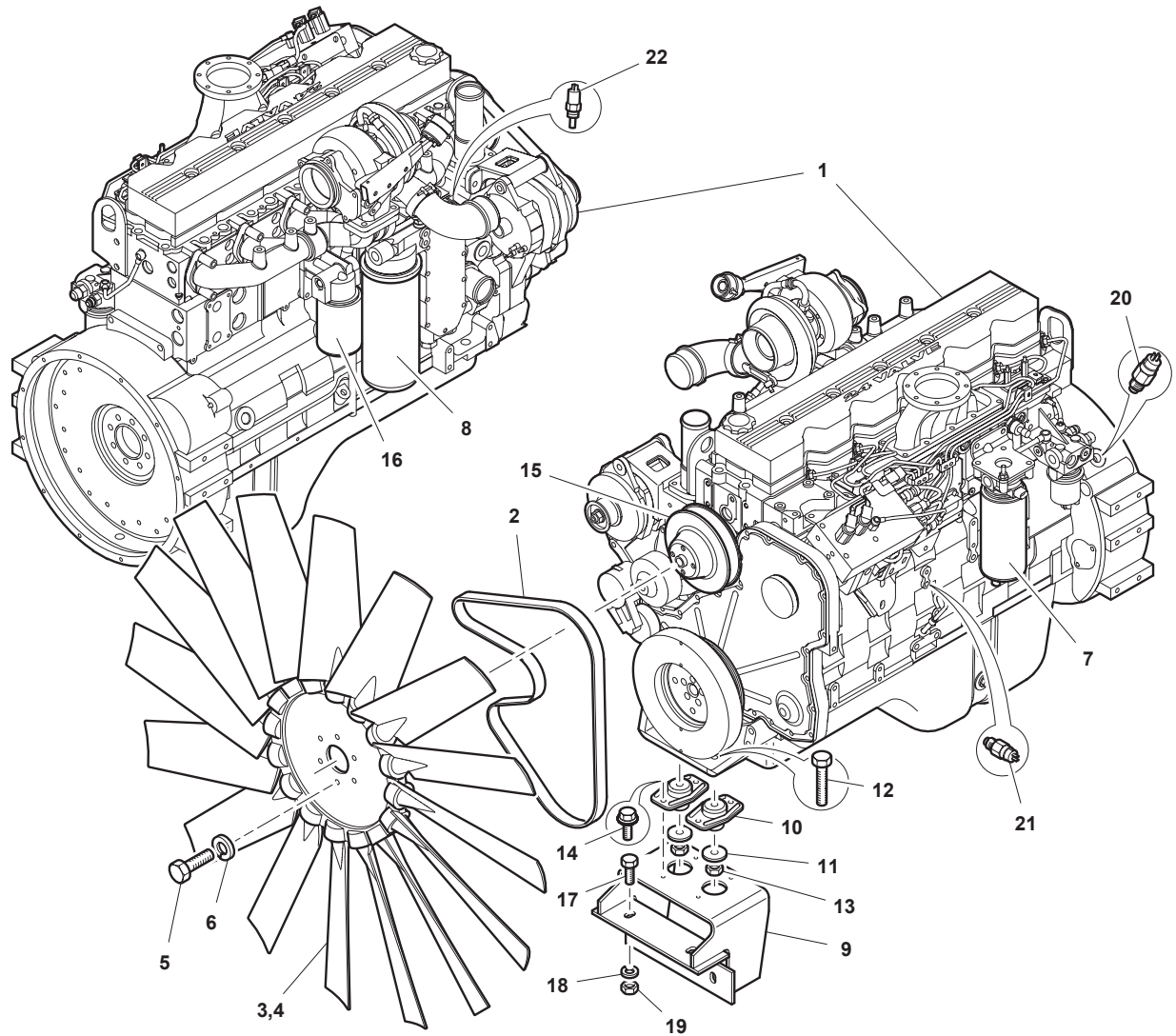
High Speed Running Gear



22560874_029_11/04_A

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	

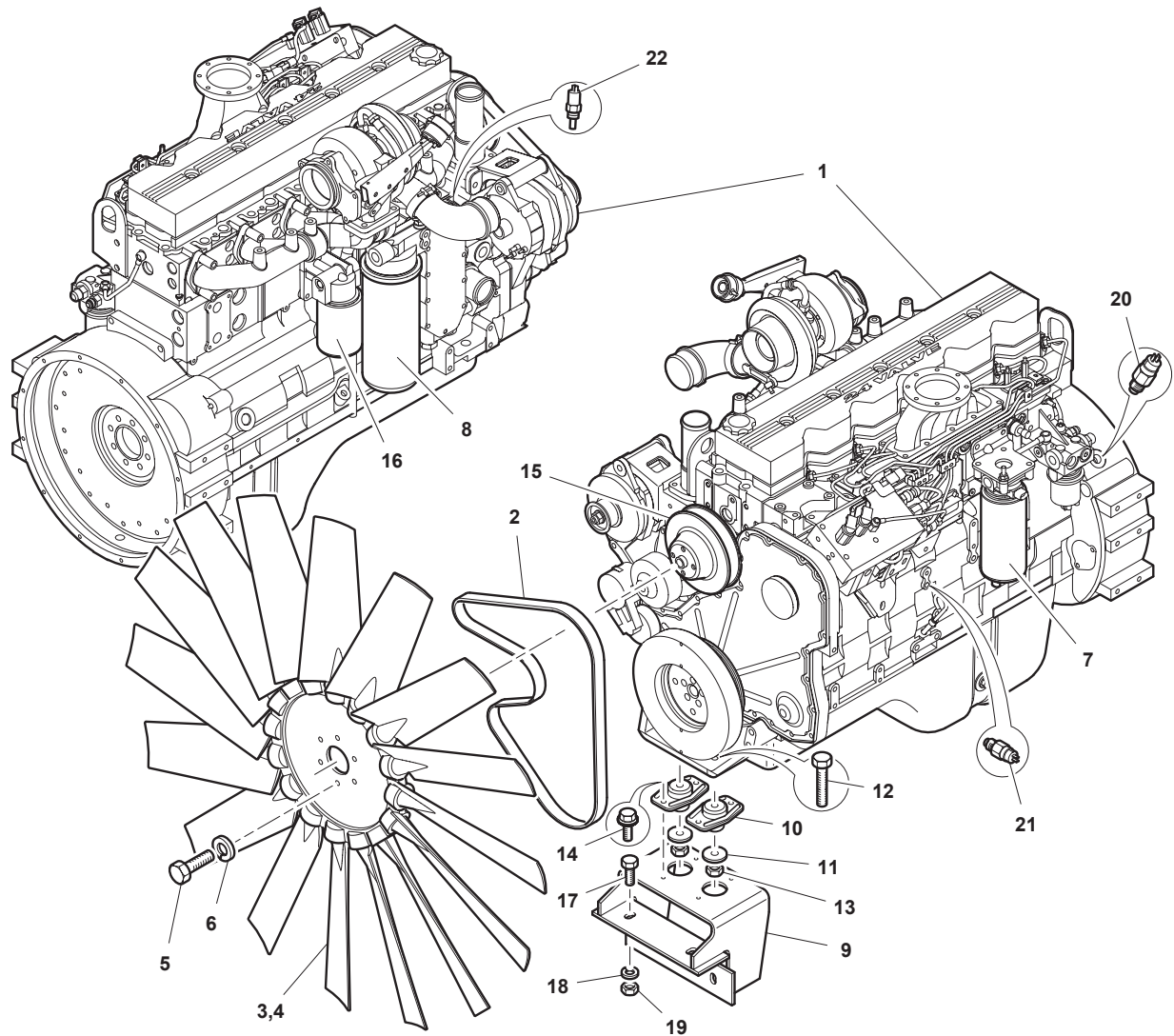
Engine Assembly - Cummins QSL 9



22560874_031_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22555890	Engine Cummins 300hp, MHP825, VHP750	1	Continued.....
1	22555908	Engine Cummins 342hp, XP1060, HP935, XHP750	1	
2	22113039	Belt, Drive	1	
3	22126726	Fan	1	
4	N.S.S	Blade, Fan	8	
5a	36880995	Screw, Drive to Engine	4	
5b	96702295	Screw, Fan to Drive	4	
6	95935037	Washer	6	
7	22177711	Filter, Fuel	1	
8	22177737	Filter, Oil	1	
9	22092670	Bracket	1	
10	36500197	Mount	2	
11	54429295	Washer, Snubber	2	
12	96739958	Screw	2	

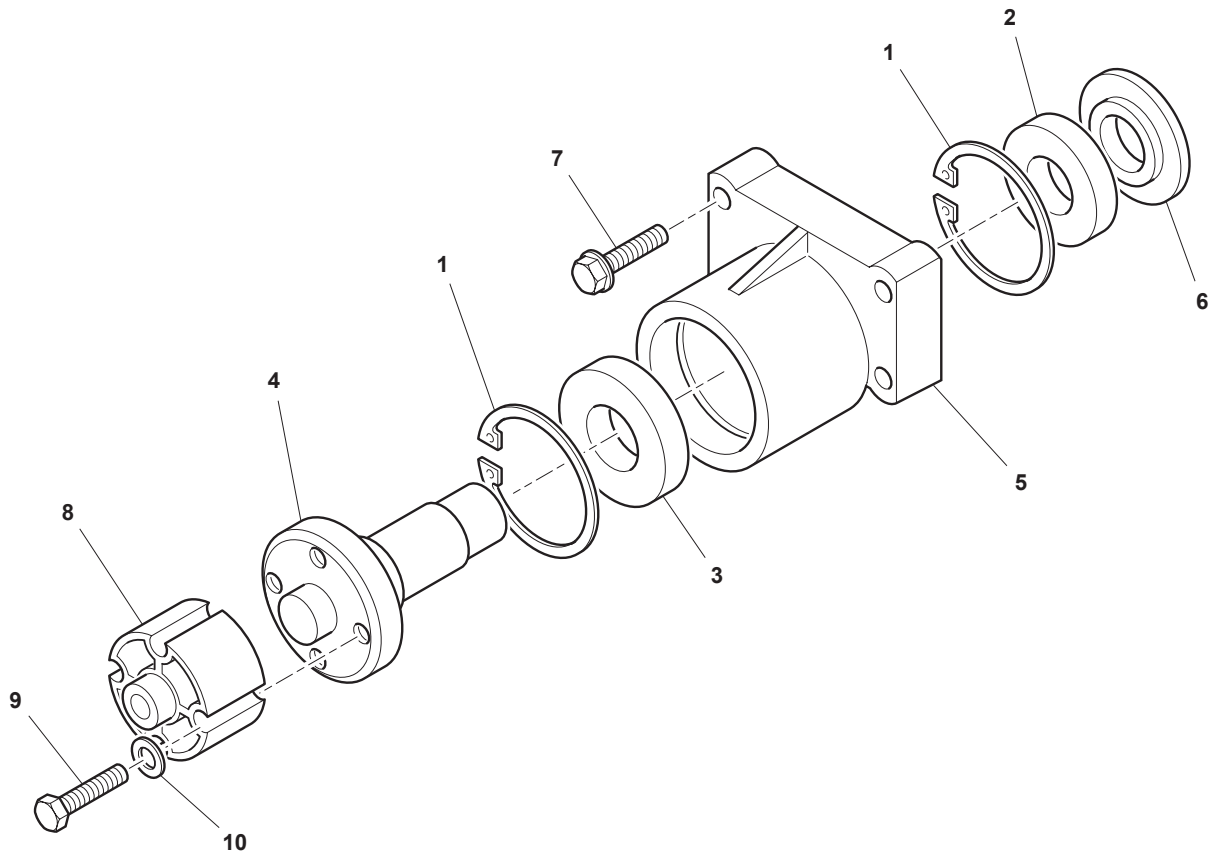
Engine Assembly - Cummins QSL 9



22560874_031_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	35304047	Nut	2	Continued
14	35279025	Screw	4	
15	22113047	Pulley	1	
15a	22213011	Horton Fan Drive	1	
16	22177745	Conditioner, Coolant	1	
17	96712187	Screw	4	
18	95935003	Washer	4	
19	36879203	Nut	4	
20	36785319	Pickup, Mag Speed	1	
21	36870608	Sending Unit, Engine Oil Pressure Gauge	1	
22	36841138	Sending Unit, Engine Coolant Temperature Gauge	1	

Fan Drive, Cummins

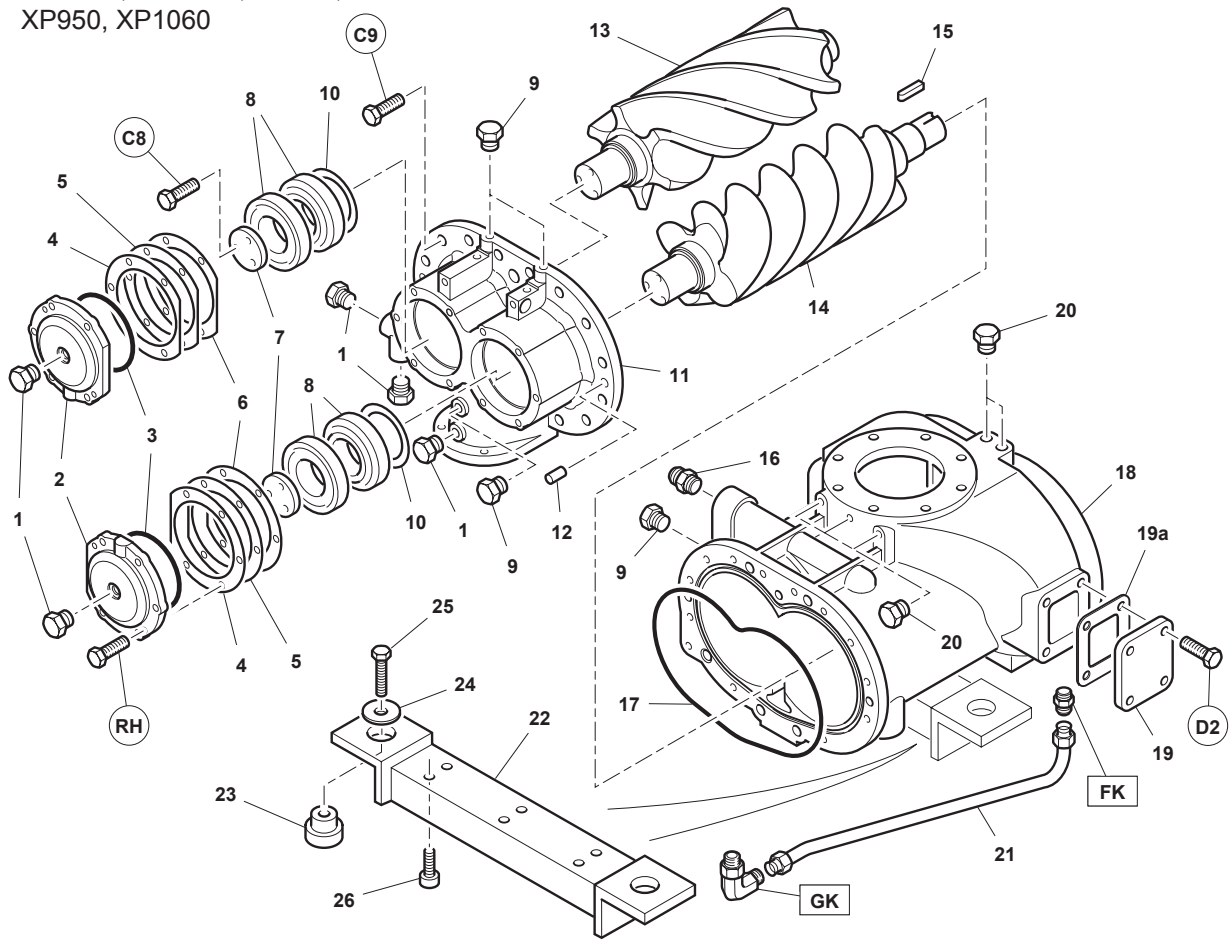


22560874_033_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-6	22213011	Assembly, Fan Support	1	
1	15900657	Ring, Retaining	2	
2	N.S.S.	Bearing	1	
3	N.S.S.	Bearing	1	
4	N.S.S.	Hub	1	
5	N.S.S.	Support	1	
6	15900665	Retainer	1	
7	36880995	Screw	4	
8	15902612	Spacer	1	
9	96702295	Screw	4	
10	95935037	Washer	4	

Airend Assembly

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060

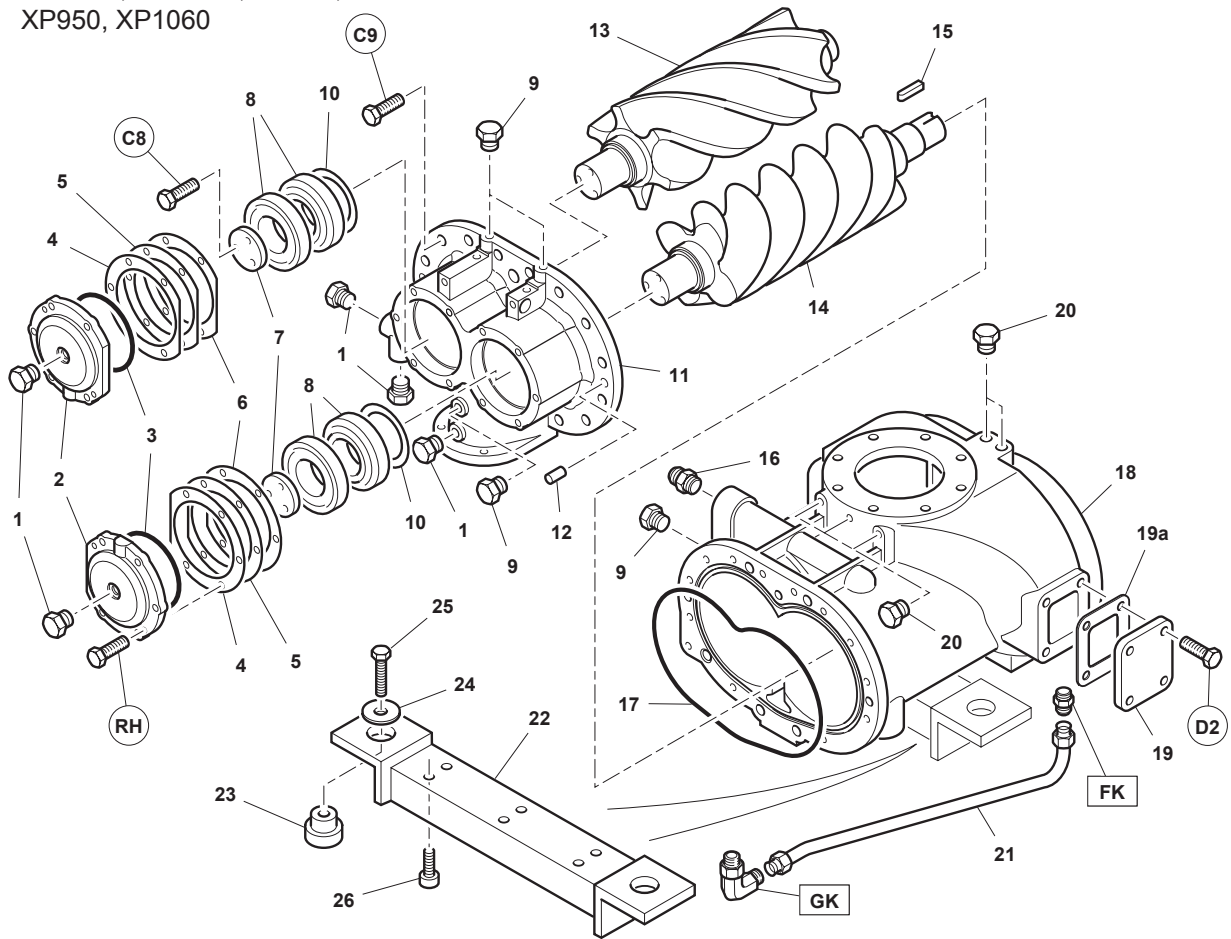


22560874_034_11/04_A

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

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060

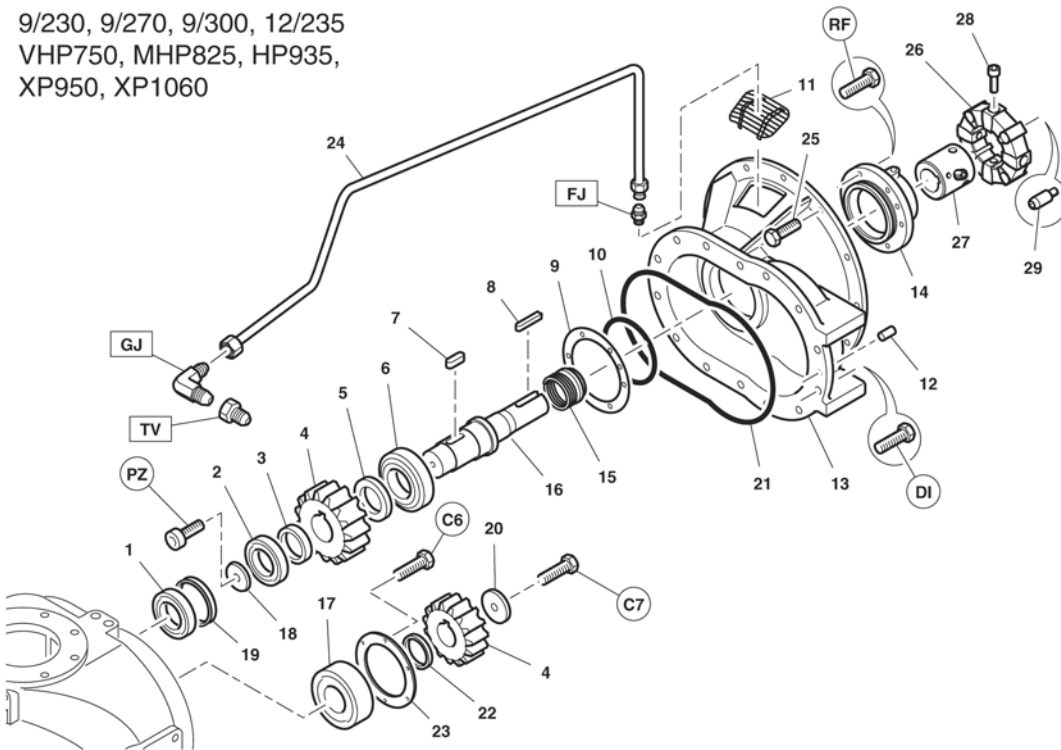


22560874_034_11/04_A

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

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060



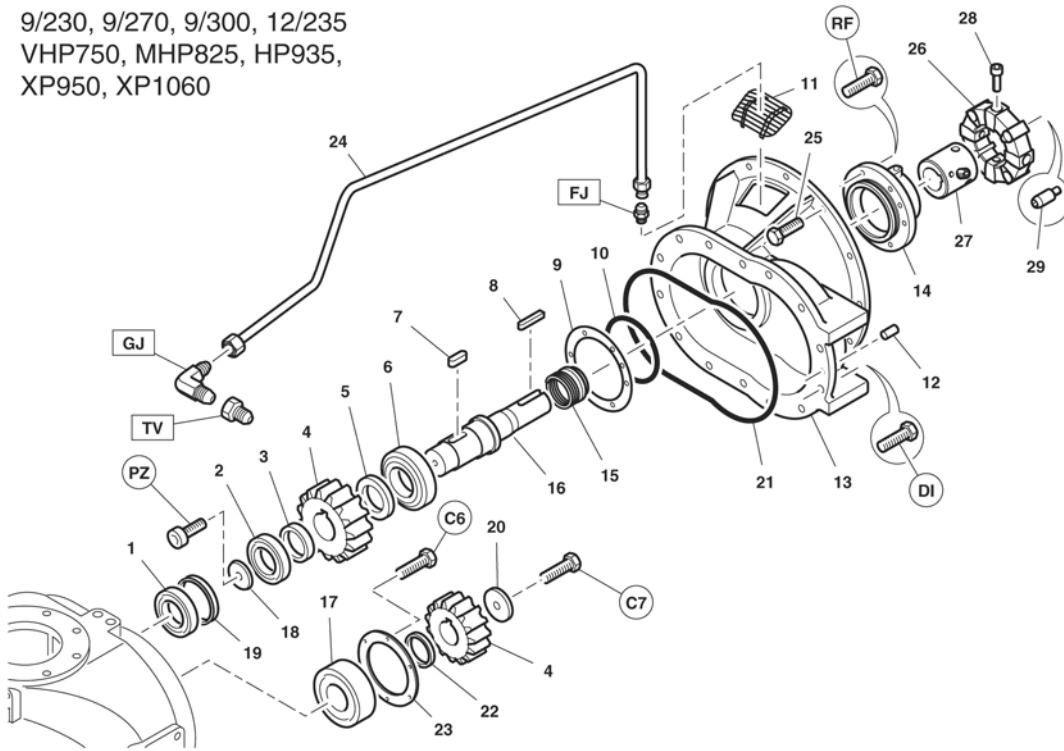
Model		Gear set	Airend complete including gears
9/230	—	36740546	42437590
9/270	XP950	36893378	42455378
9/300	XP1060	93488732	42455345
12/235	MHP825	36740546	42437590
—	HP935	36893360	42455337
—	VHP750	35334853	42437582

22560874_036_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35313568	Bearing	1	Continued.....
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	

Airend Assembly

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060



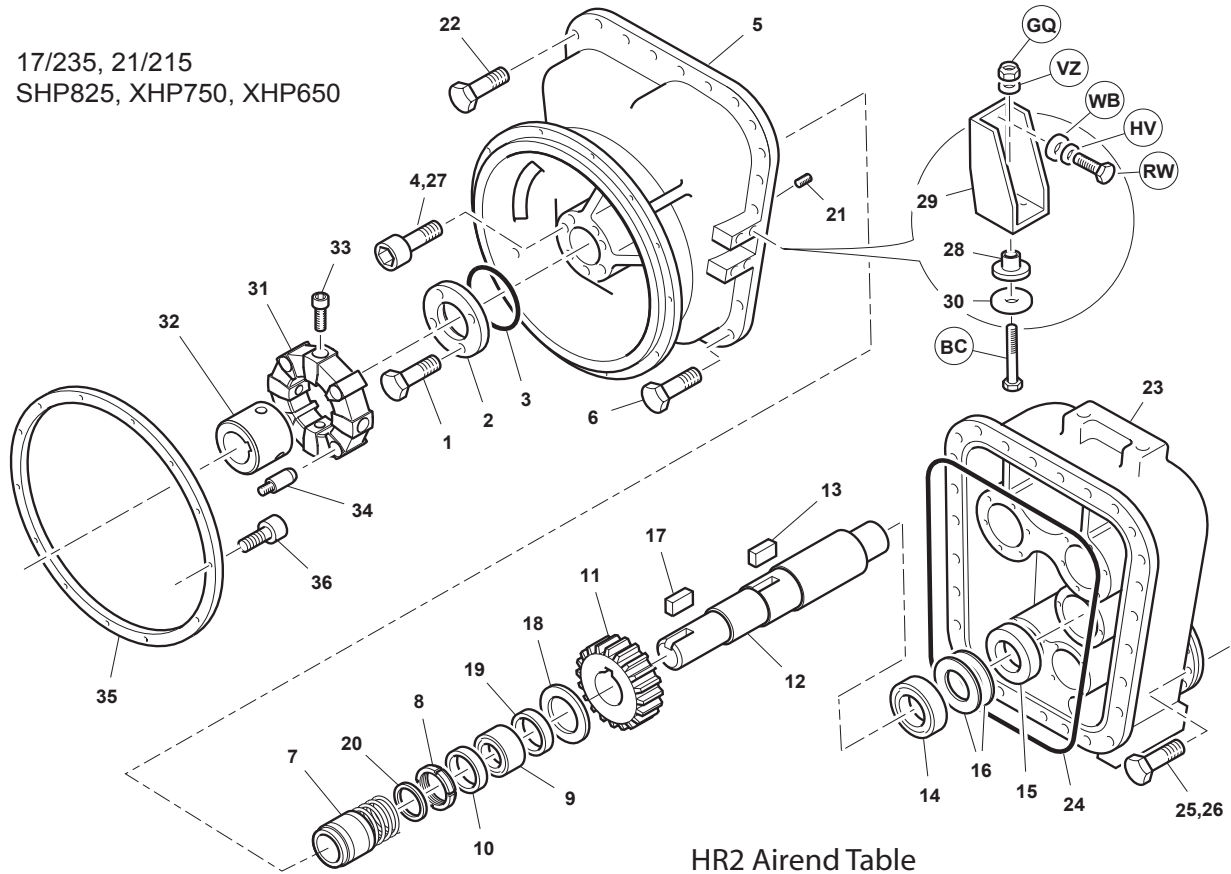
Model		Gear set	Airend complete including gears
9/230	—	36740546	42437590
9/270	XP950	36893378	42455378
9/300	XP1060	93488732	42455345
12/235	MHP825	36740546	42437590
—	HP935	36893360	42455337
—	VHP750	35334853	42437582

22560874_036_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650



HR2 Airend Table

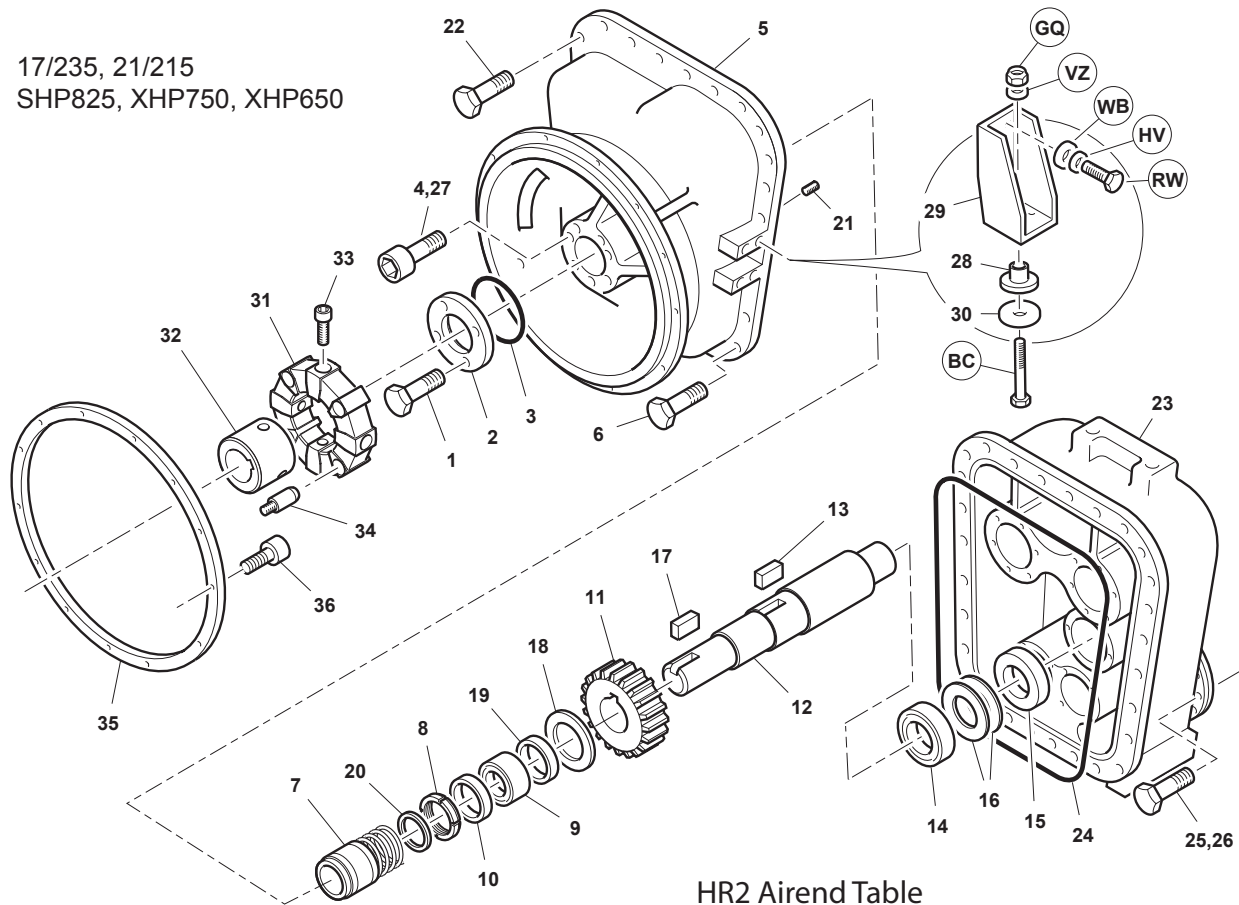
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428

22560874_038_11/04_A

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	Gear Case	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	Drive Shaft	1	
13	35355809	Key	1	
14	35610203	Bearing	1	Continued.....

Airend Assembly

17/235, 21/215
SHP825, XHP750, XHP650



HR2 Airend Table

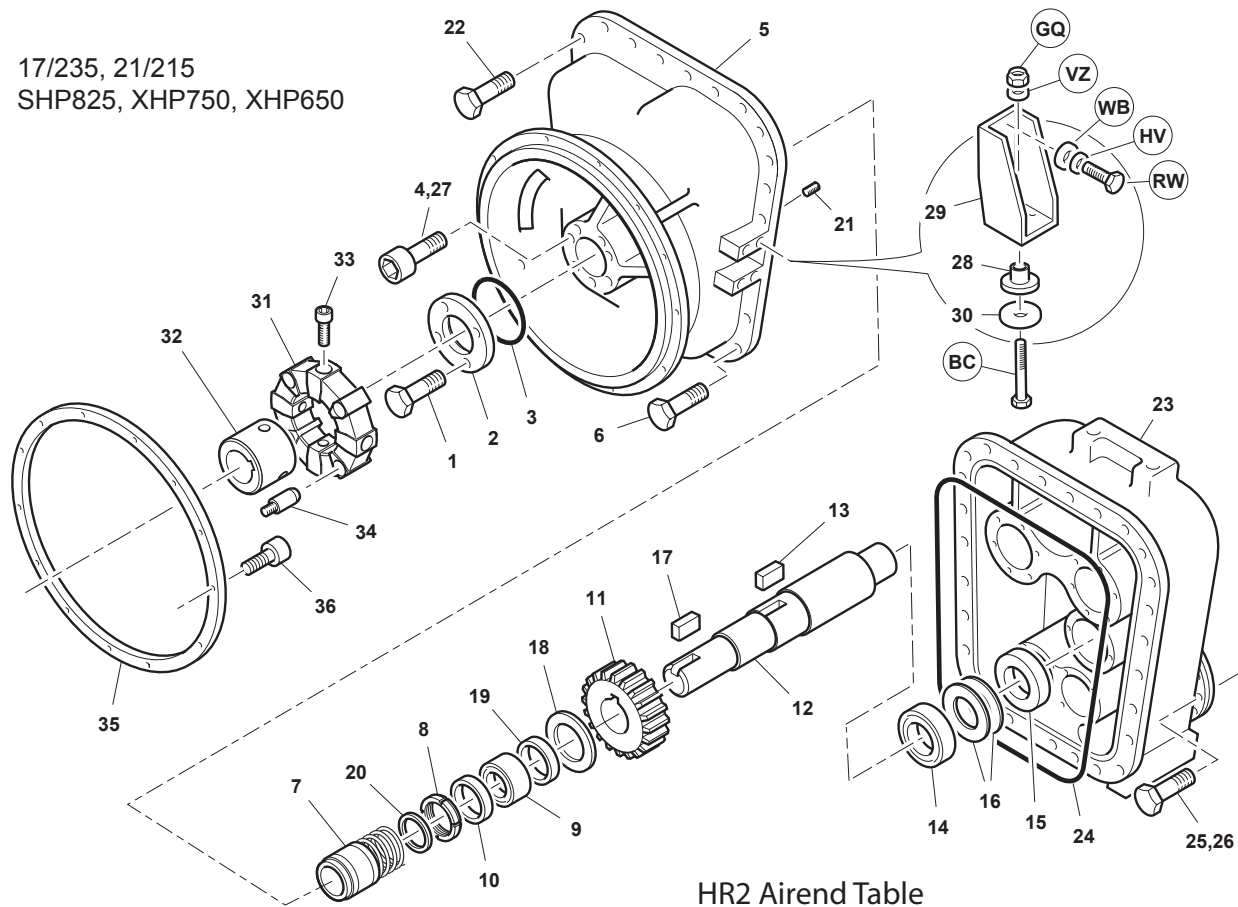
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428

22560874_038_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	35372010	Spacer	1	 <i>Continued</i>
16	35372028	Shim Set	1	
17	92707801	Key	1	
18	35610153	Plate, Retaining	1	
19	35371996	Spacer	1	
20	35337583	Spacer	1	
21	35336122	Pin, Locating	1	
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	
				<i>Continued.....</i>

Airend Assembly

17/235, 21/215
SHP825, XHP750, XHP650



HR2 Airend Table

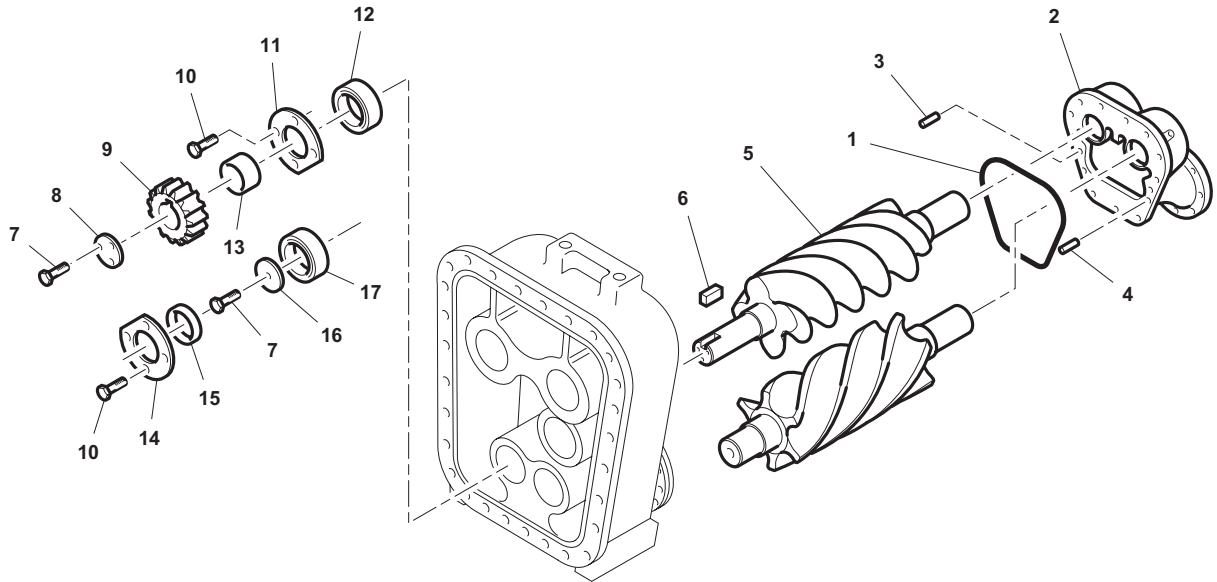
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428

22560874_038_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28	92894518	Mount	2	Continued
29	22075279	Bracket, RH	1	
*29a	22075287	Bracket, LH	1	
30	35273937	Washer, Snubber	2	
31-33	22362933	Coupling, Assembly	1	
31	92041441	Coupling, Element	1	
32	22362941	Hub	1	
33	92041466	Bolt	4	
34	92041458	Pin	4	
35	22065973	Plate, Adaptor	1	
36	36880995	Screw	12	

Airend Assembly

17/235, 21/215
SHP825, XHP750, XHP650



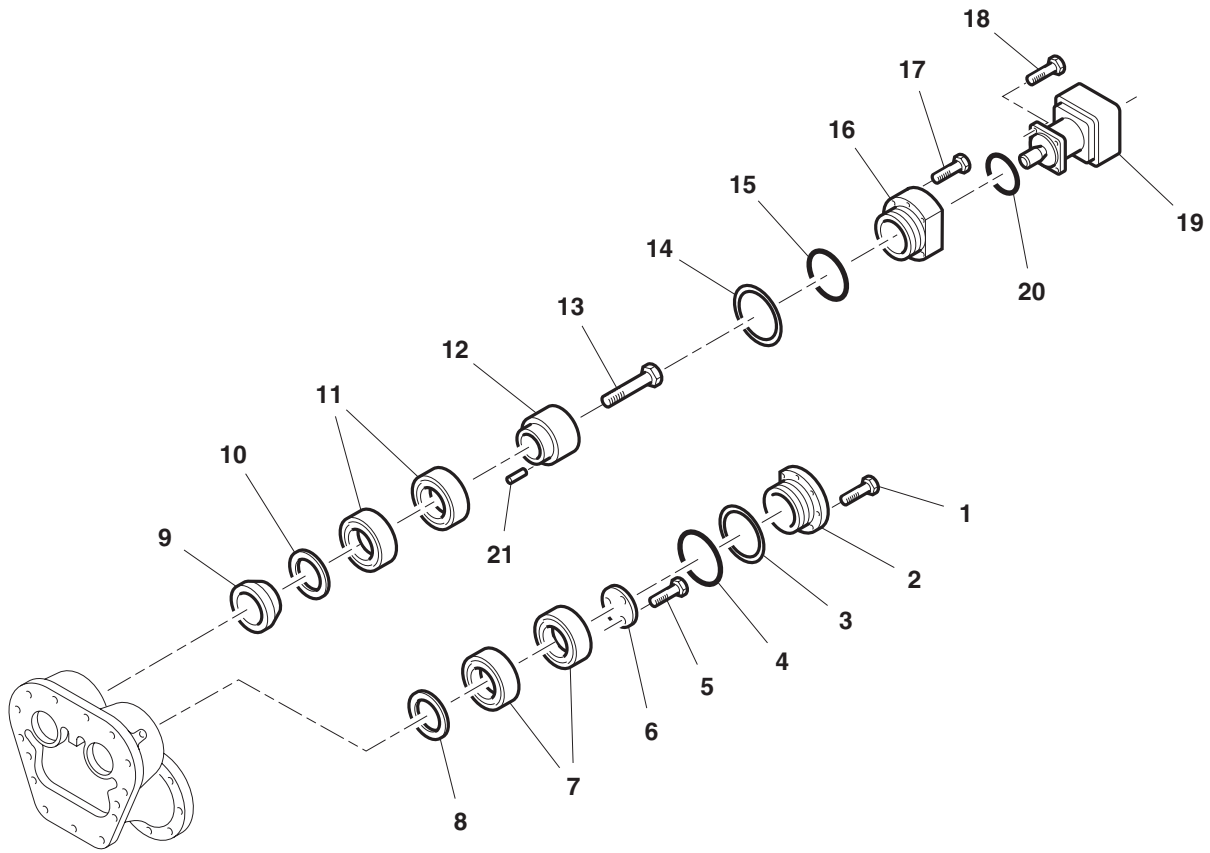
HR2 Airend Table

Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428

22560874_041_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35355791	O-Ring	1	
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

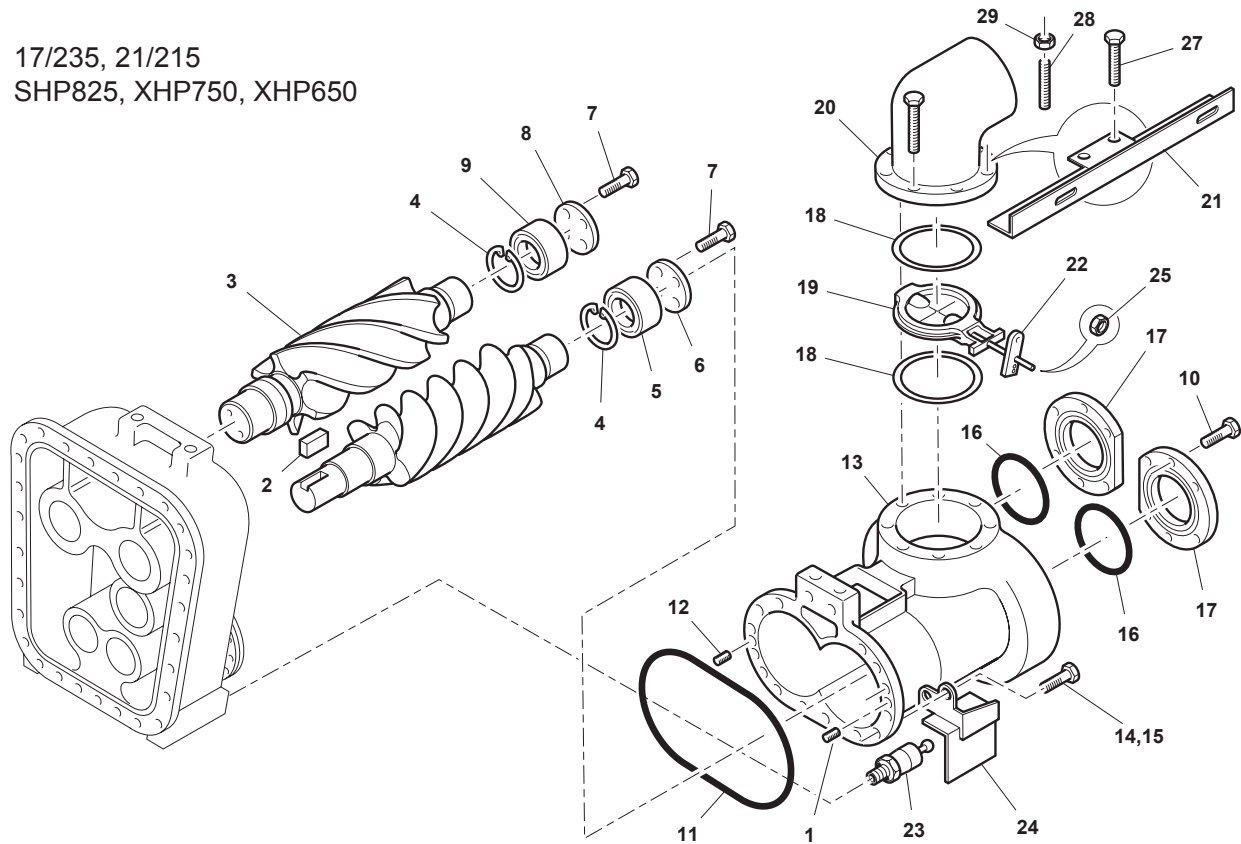


22560874_042_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650

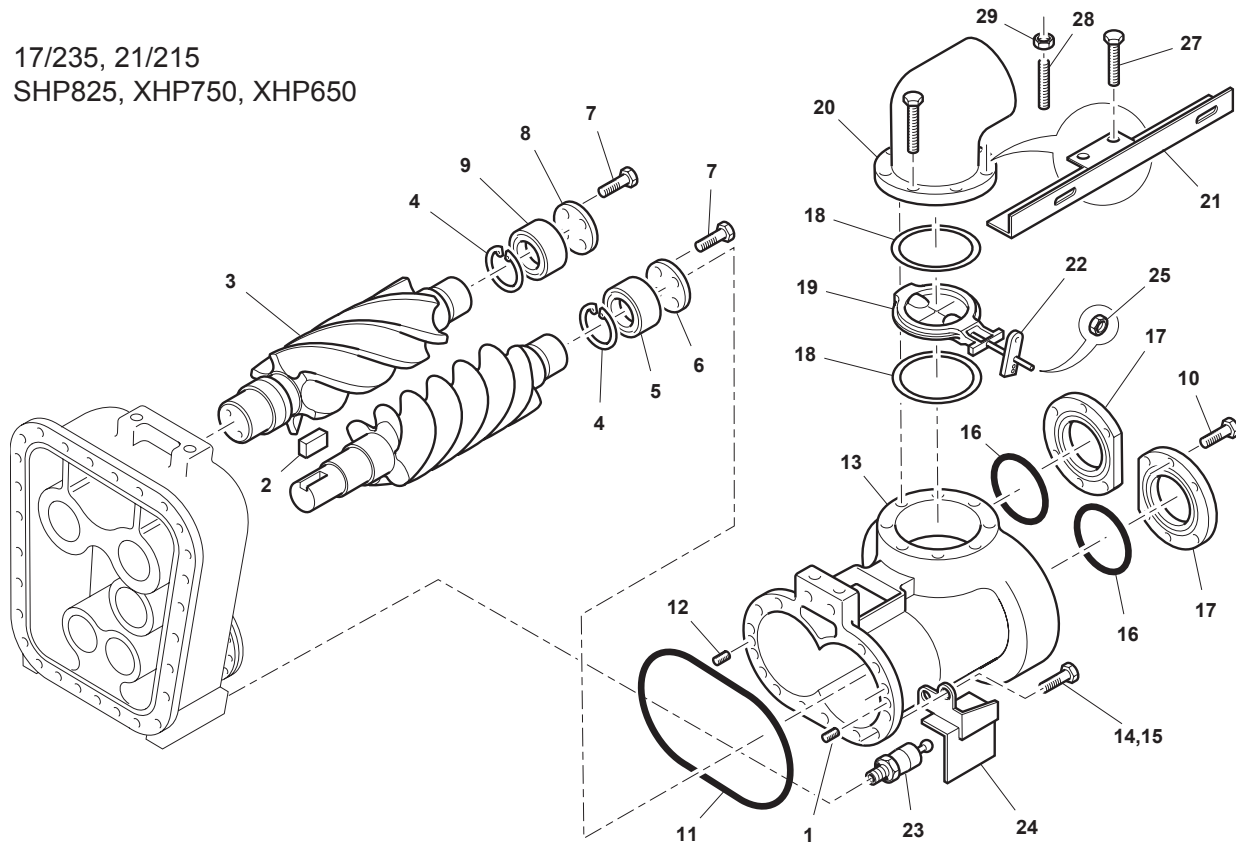


22560874_043_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650

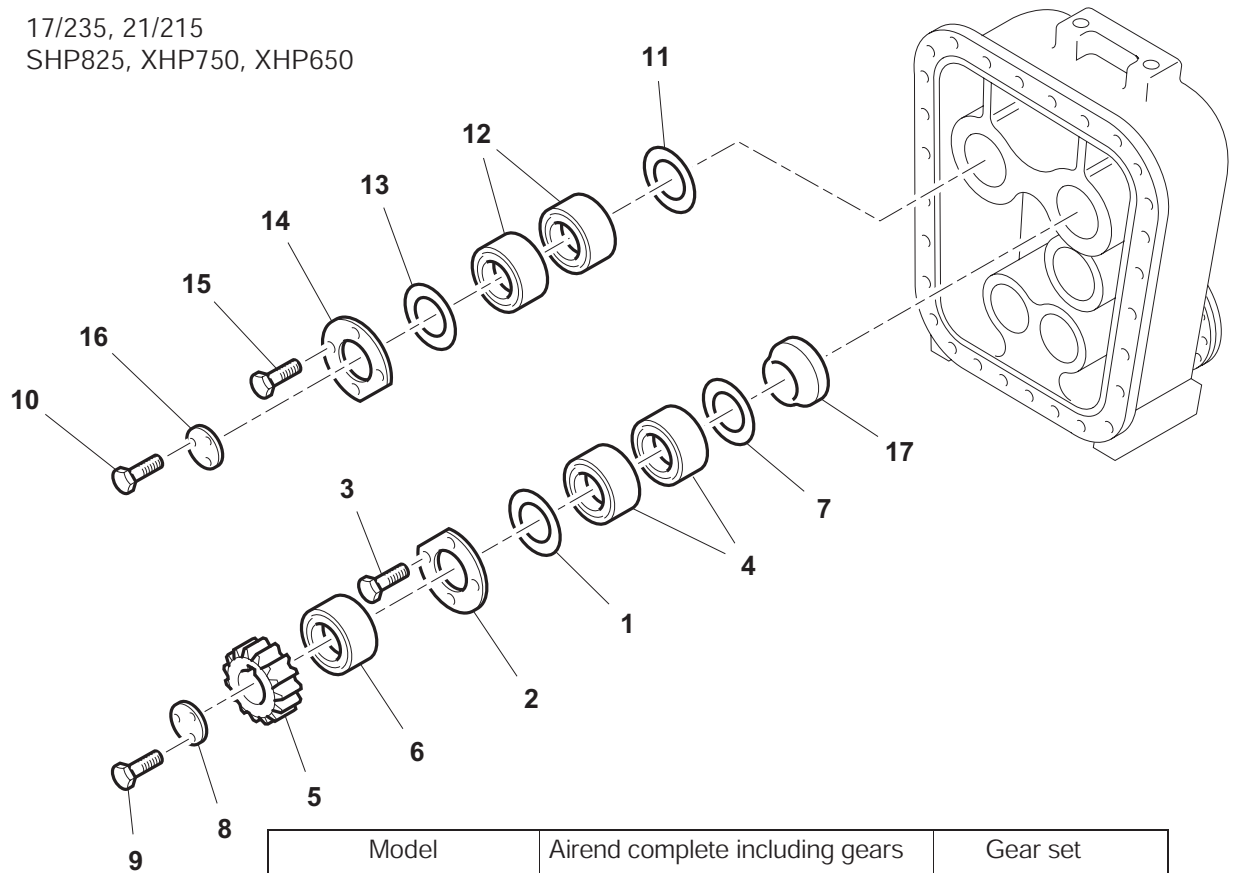


22560874_043_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650



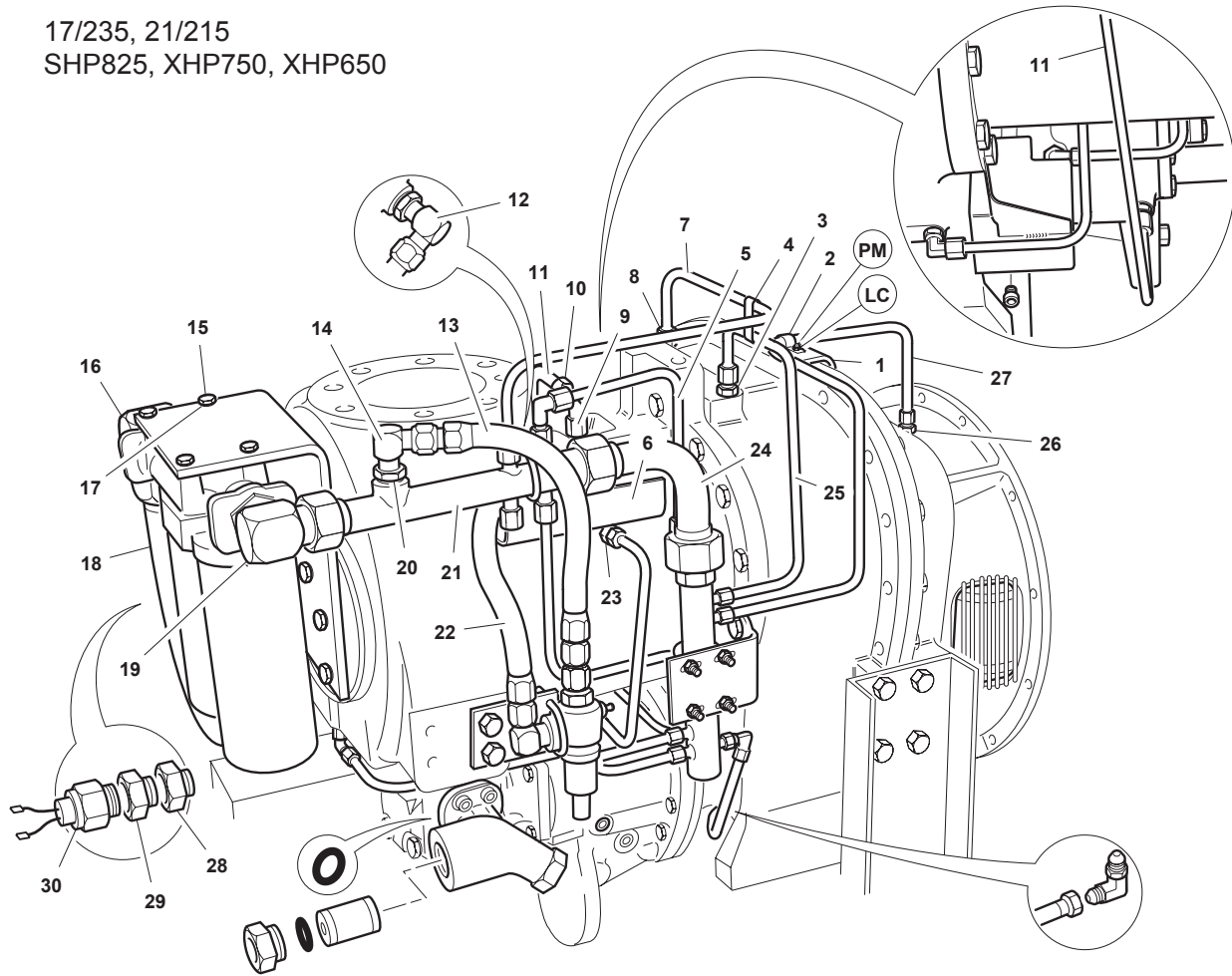
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428

22560874_045_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650

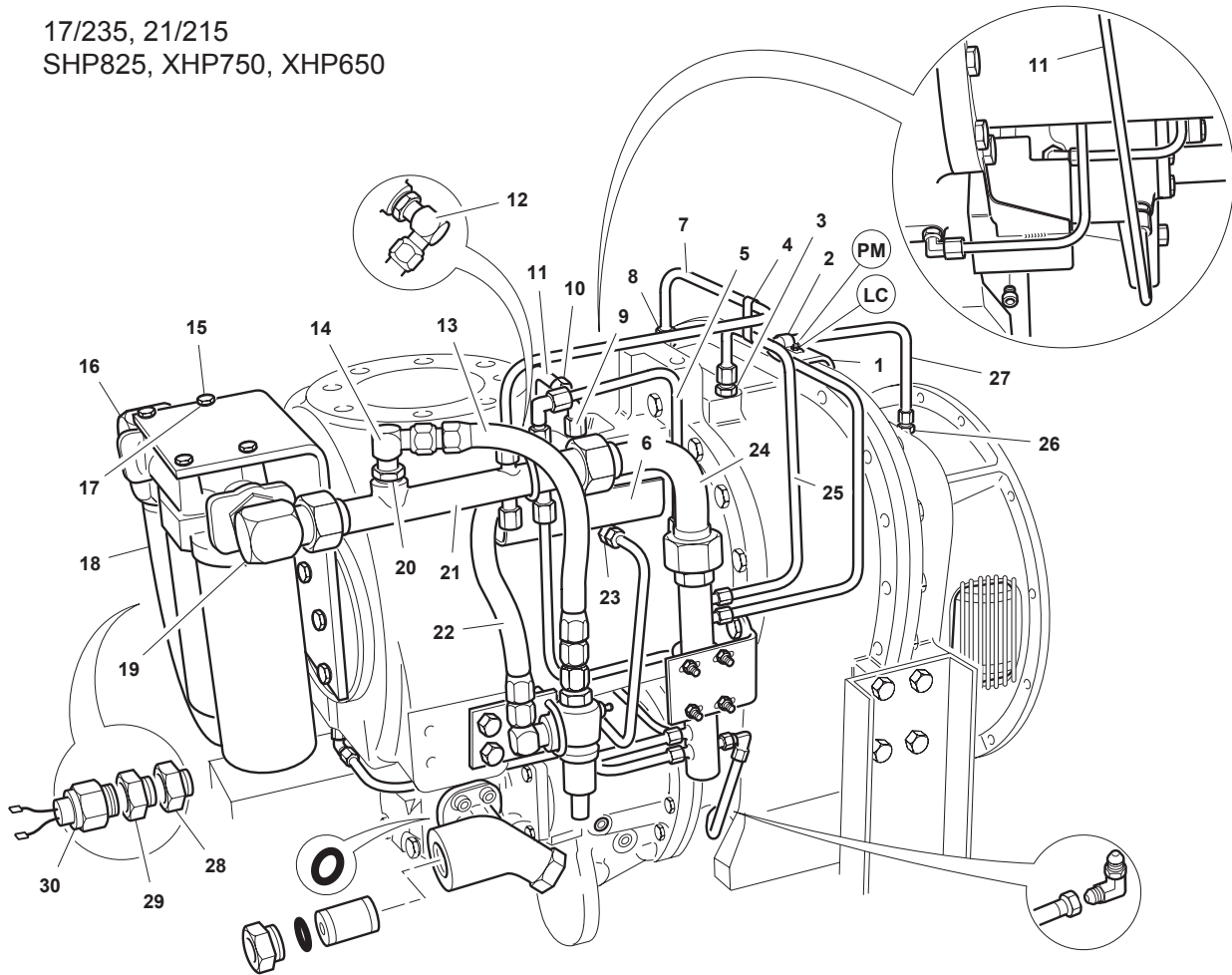


22560874_046_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650

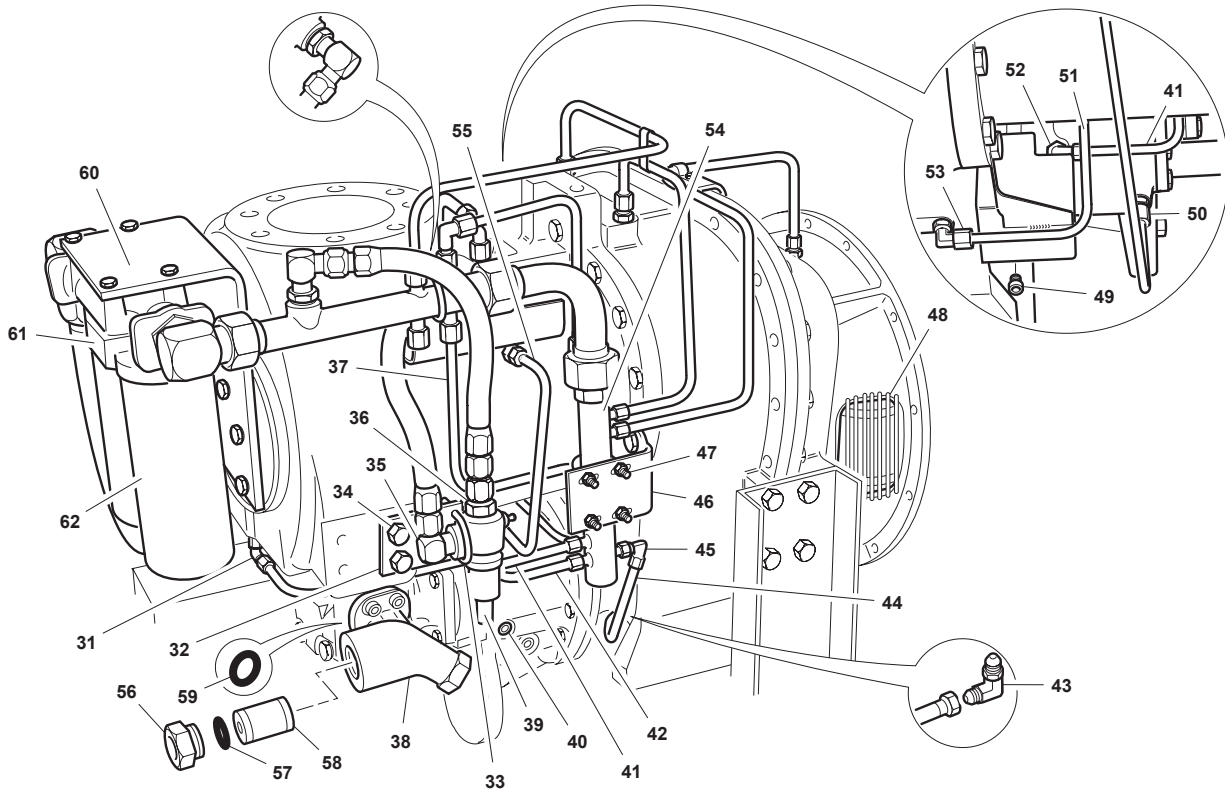


22560874_046_11/04_A

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

17/235, 21/215
SHP825, XHP750, XHP650

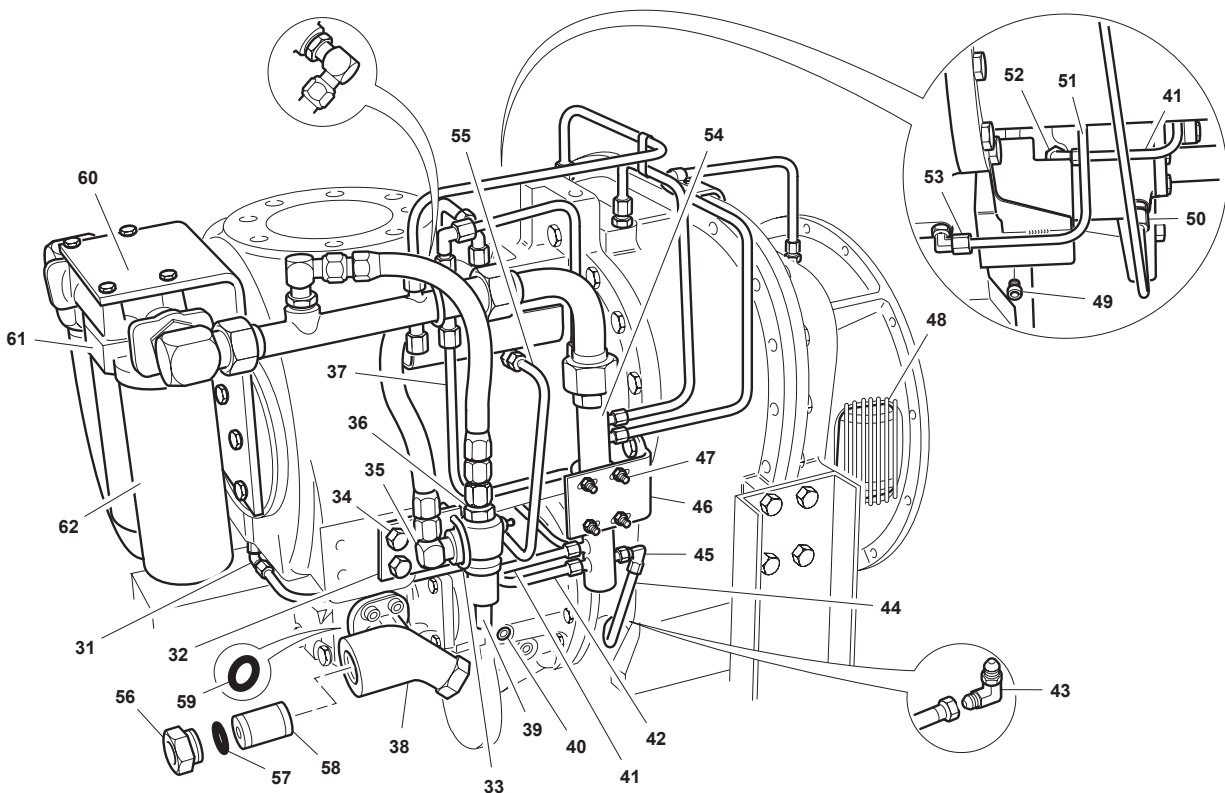


22560874_046_11/04_A

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

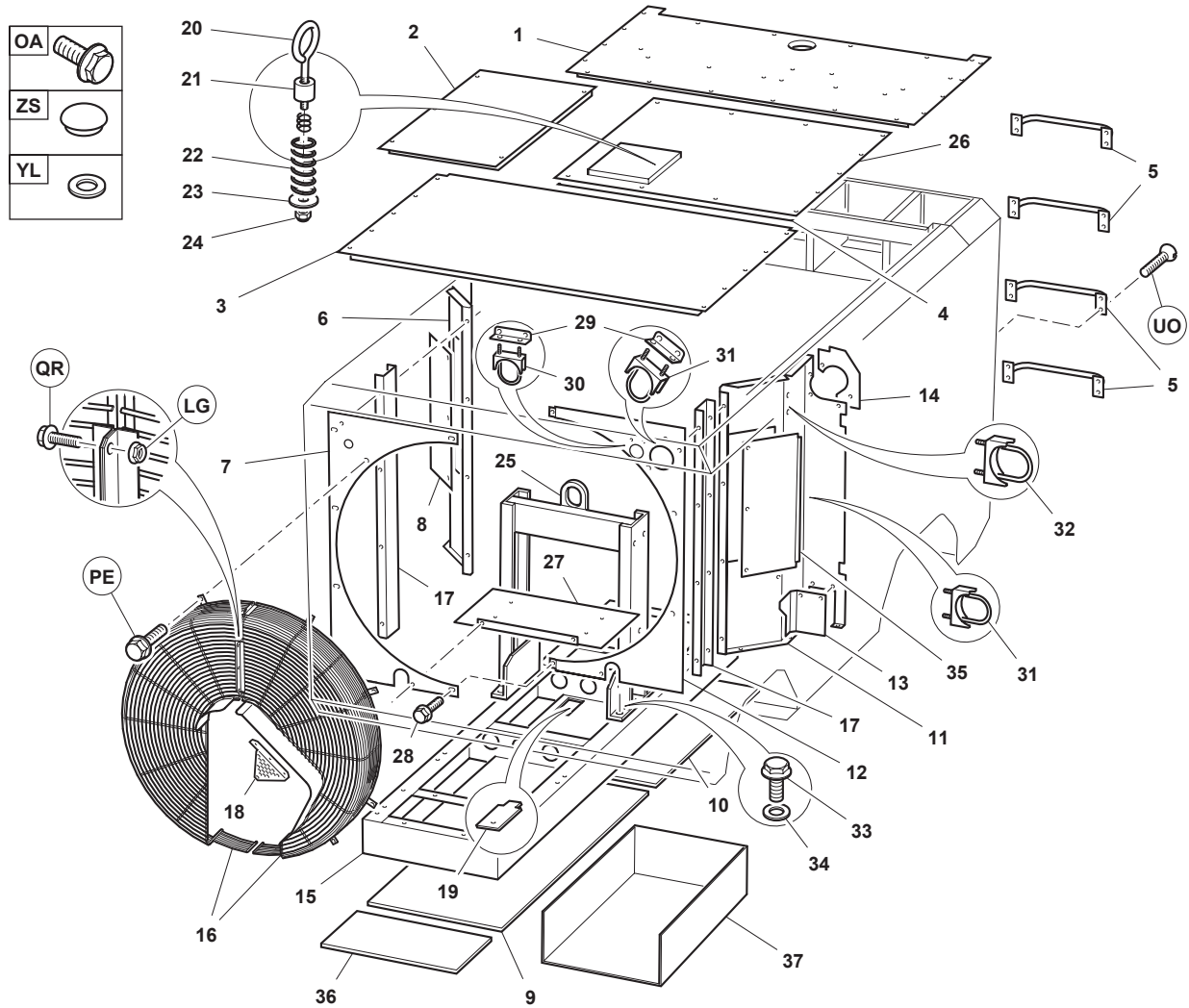
17/235, 21/215
SHP825, XHP750, XHP650



22560874_046_11/04_A

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	

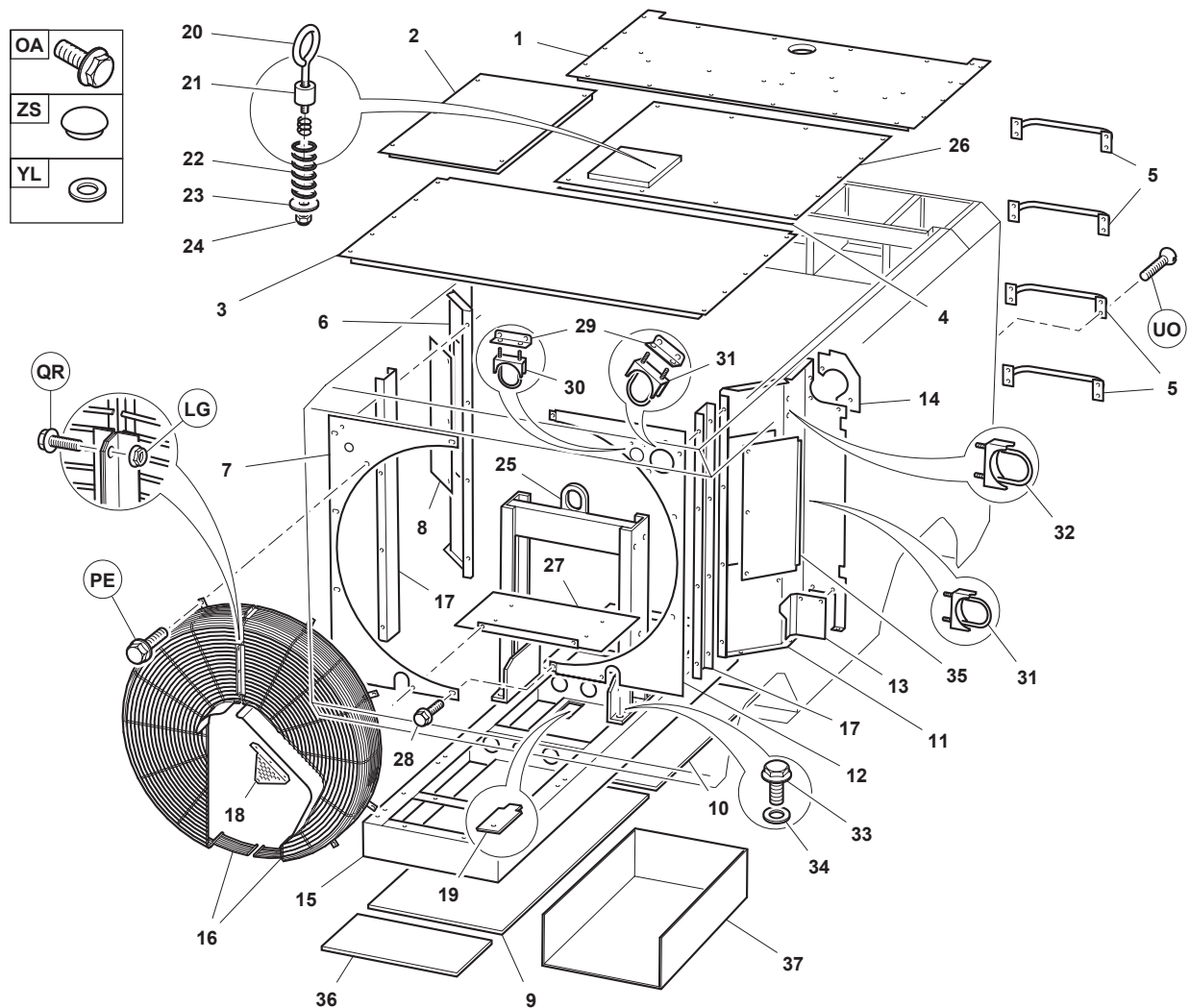
Enclosure



22560874_050_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22081988	Panel	1	Continued.....
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	22281406	Panel, Right Hand, Orifice	1	
8	22181069	Panel, Cover, Right Hand	1	
9	22133425	Undertray (F)	1	
10	22132898	Undertray (R)	1	
11	22180897	Panel, Left Hand	1	
*11a	36889608	Screw	6	
*11b	36881886	Nut	6	
*11c	56797652	Screw	1	
12	22281398	Panel, Left Hand, Orifice	1	
13	22123418	Cover	1	

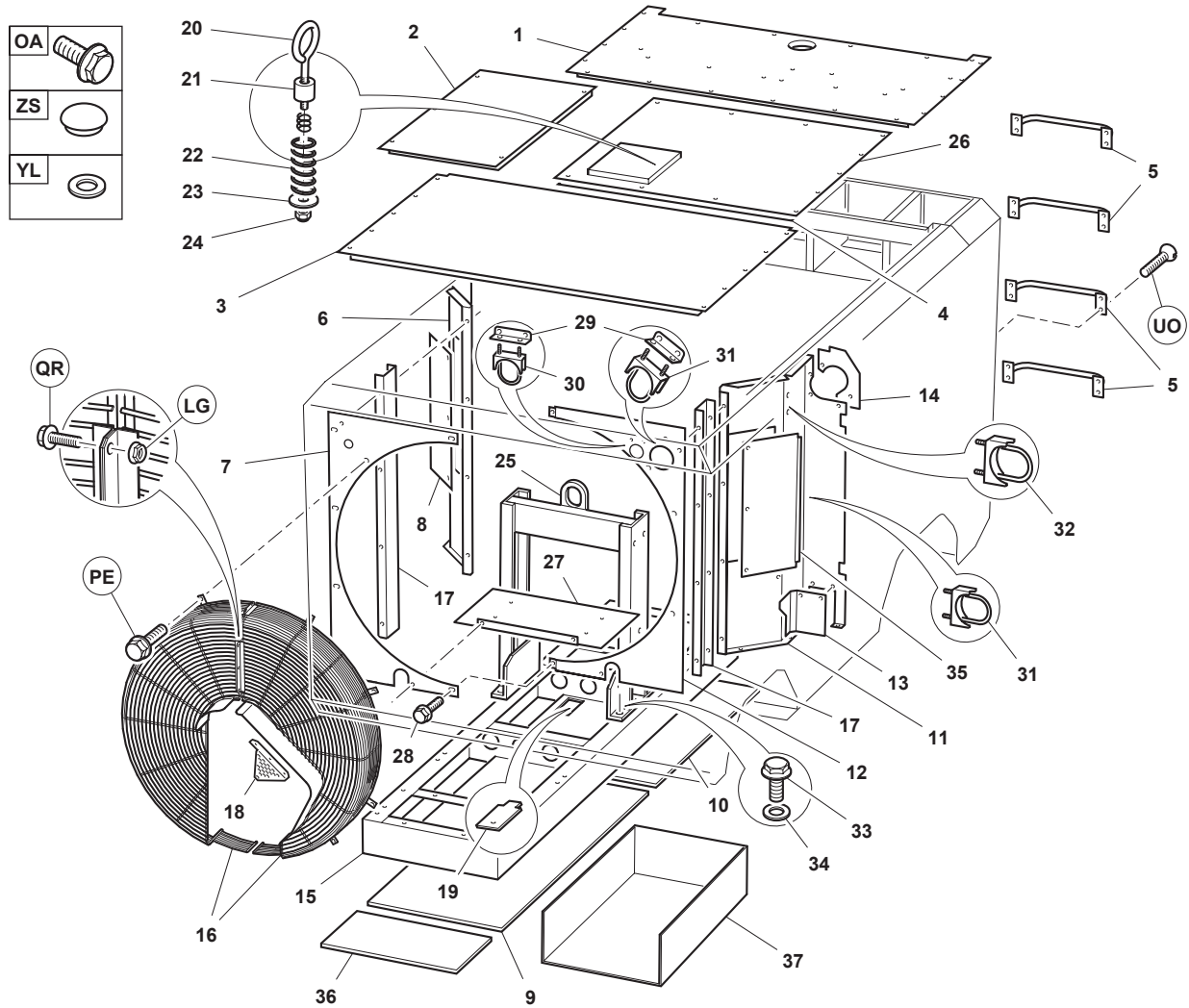
Enclosure



22560874_050_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	54657408	Cover (W) Machine	1	Continued
	22329817	Cover (HA) Machine	1	
15	54566781	Frame	1	
16	22105746	Guard	1	
17	22079651	Panel, Baffle Fan, Orifice	2	
18	22232185	Guard	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.....

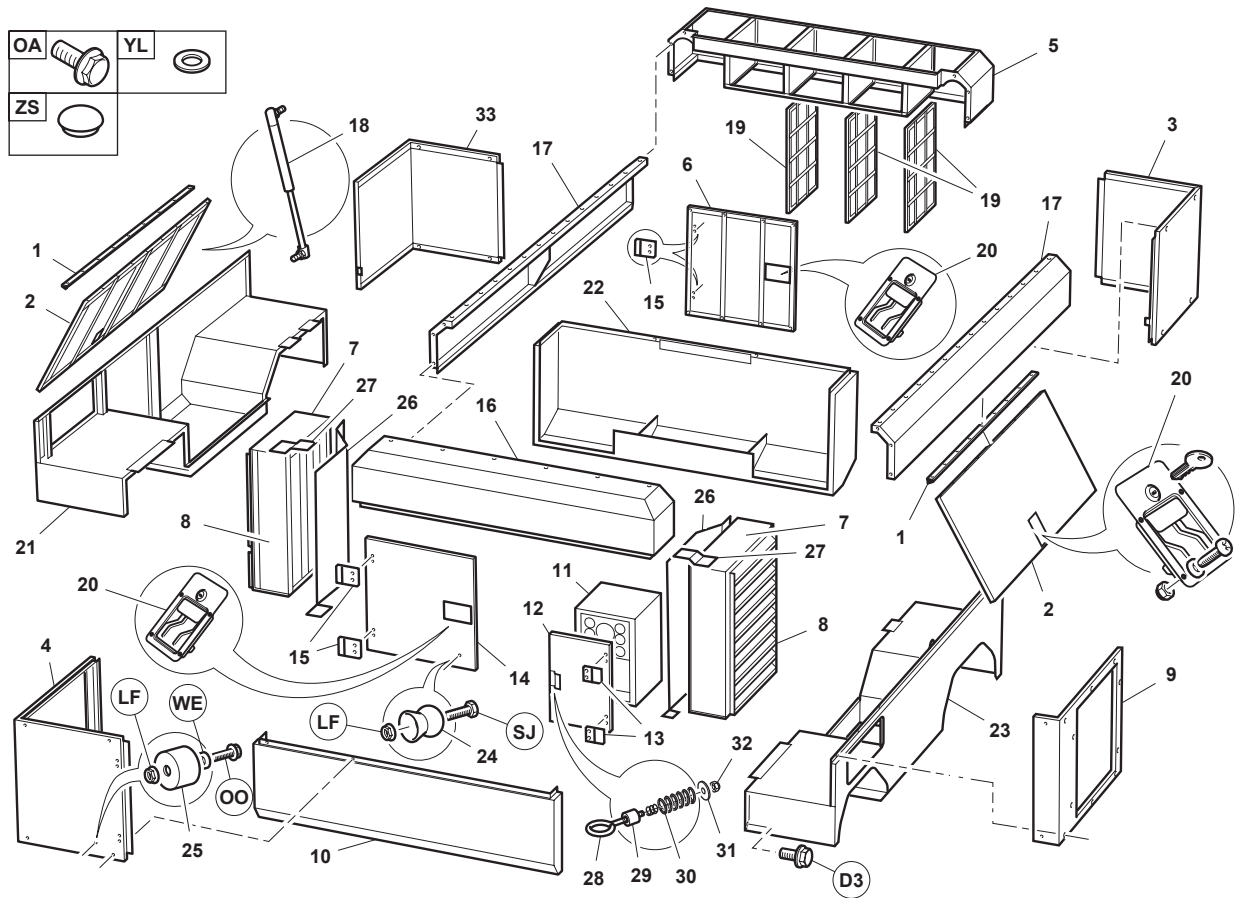
Enclosure



22560874_050_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
*25b	92391382	Washer	6	Continued
26	22123236	Panel	1	
*26a	22196786	Panel, Roof Muffler HA	1	
27	22079750	Panel, SRG	1	
	22280549	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	54571443	Undertray, Front, HSRG	1	
37	22132906	Airbox, SRG	1	
	22205942	Airbox, HSRG	1	

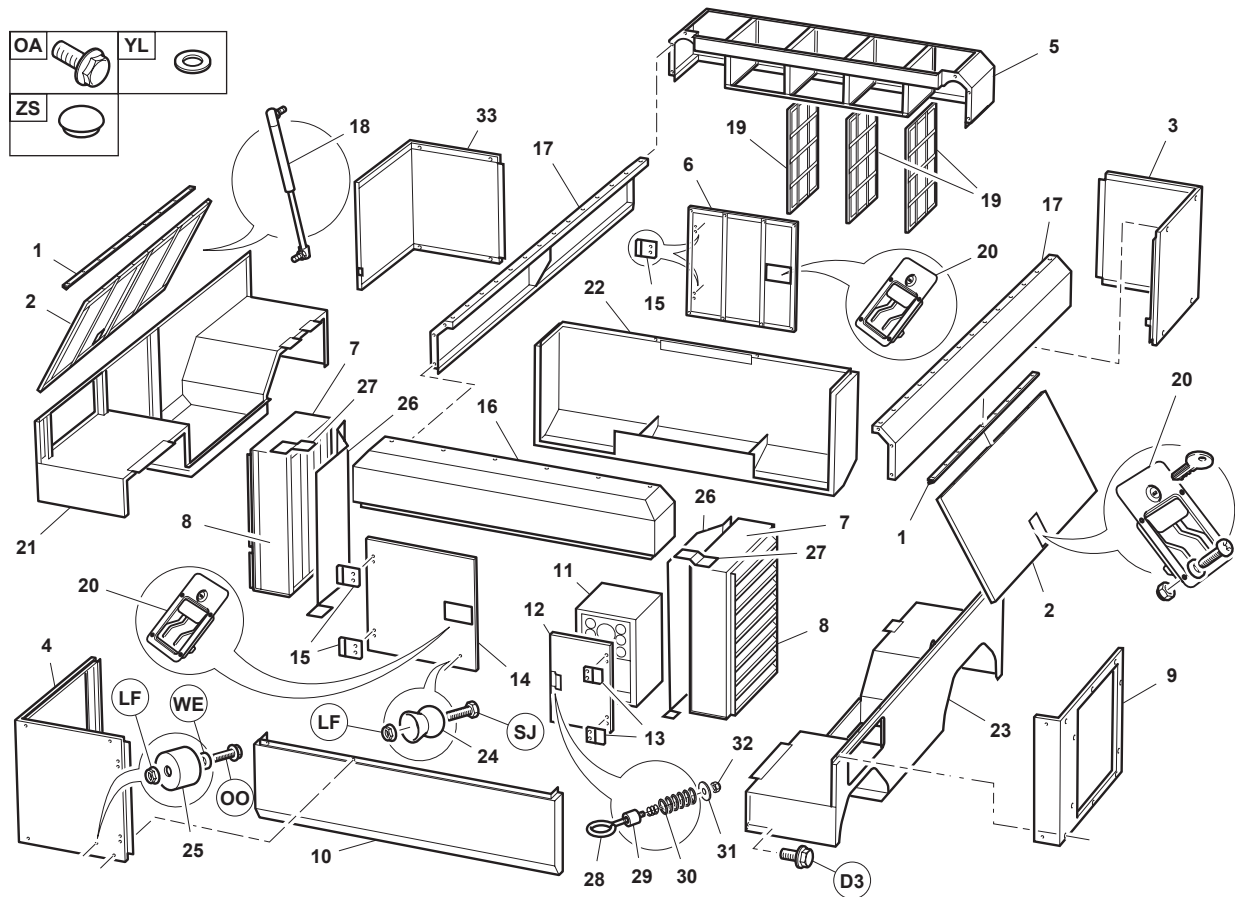
Enclosure



22560874_053_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912419	Hinge	2	
2	22123368	Door Assembly	2	
3	22184907	Panel , Right	1	
4	22186233	Panel	1	
5	22123327	Duct	1	
6	22123384	Door Assembly	1	
7	22123038	Panel	2	
8	22123020	Duct	2	
9	22123012	Panel	1	
10	22122980	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	1	
15	89287692	Hinge	4	
16	22123079	Panel	1	
17	22144711	Panel	2	Continued.....

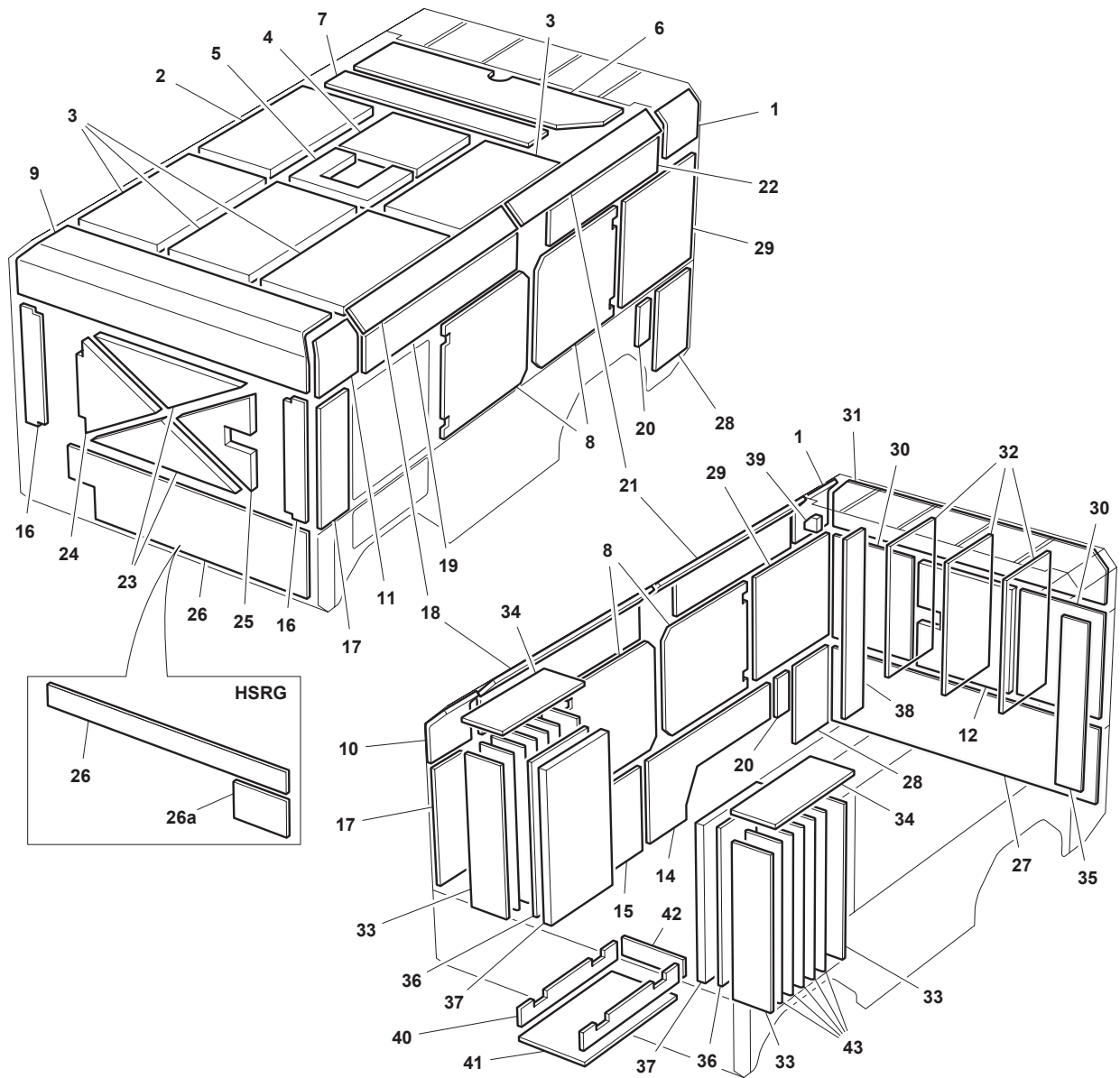
Enclosure



22560874_053_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	54443213	Spring, Gas	4	Continued
19	22123335	Baffle	3	
20	89288757	Lock	4	
21	22122956	Panel, SRG	1	
	22180509	Panel, HSRG	1	
22	22123004	Panel, SRG	1	
	22184691	Panel, HSRG	1	
23	22122998	Panel, SRG	1	
	22180491	Panel, HSRG	1	
24	92922863	Catch (Male)	1	
25	92922856	Catch (Female)	1	
26	22072151	Baffle	2	
27	89304224	Bracket	2	
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	

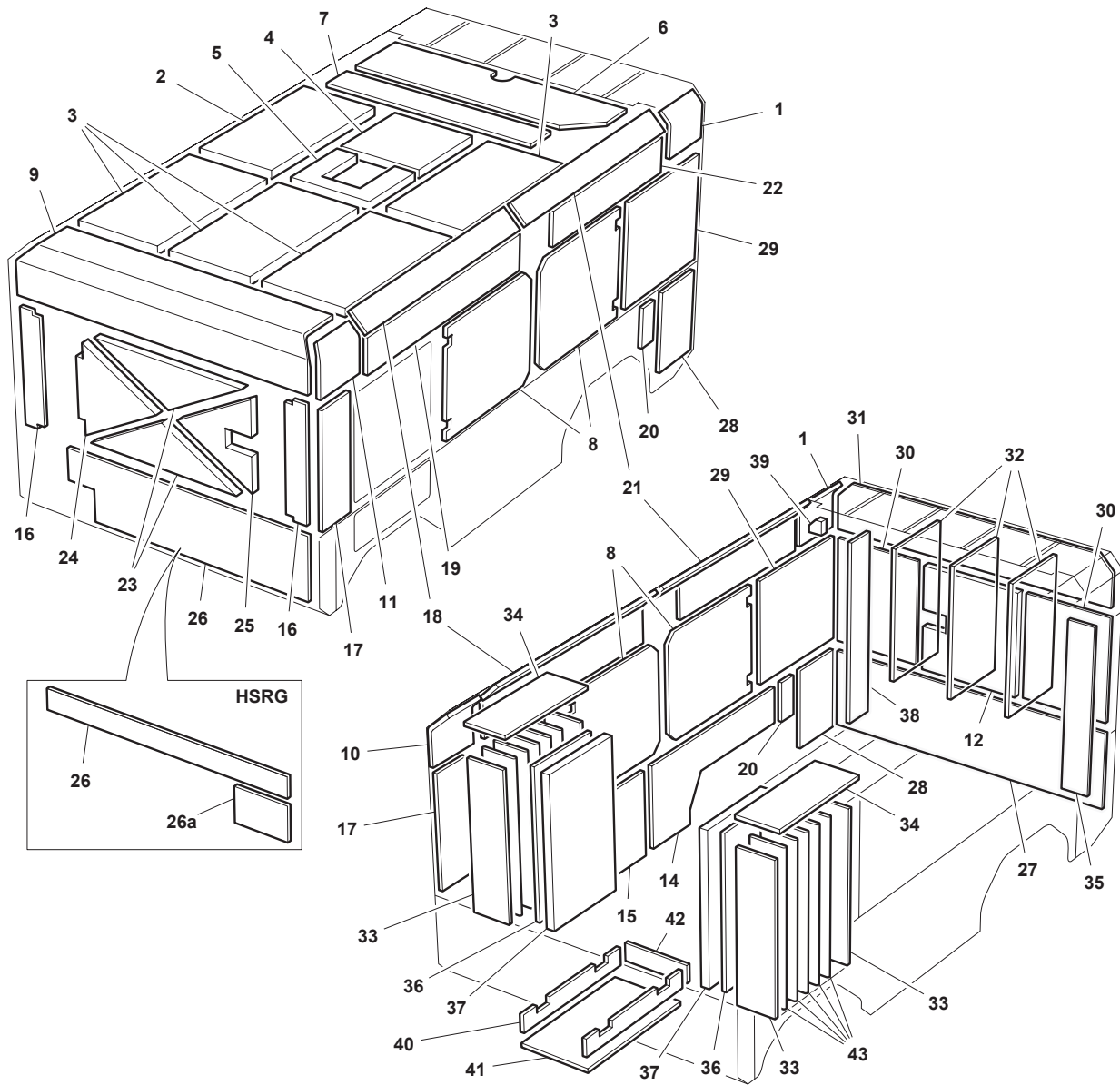
Foam



22560874_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	<i>Continued.....</i>
2	22110852	Foam	1	
3	22110860	Foam	4	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22111470	Foam	1	
10	22111488	Foam	1	
11	22111496	Foam	1	
12	22114218	Foam	1	

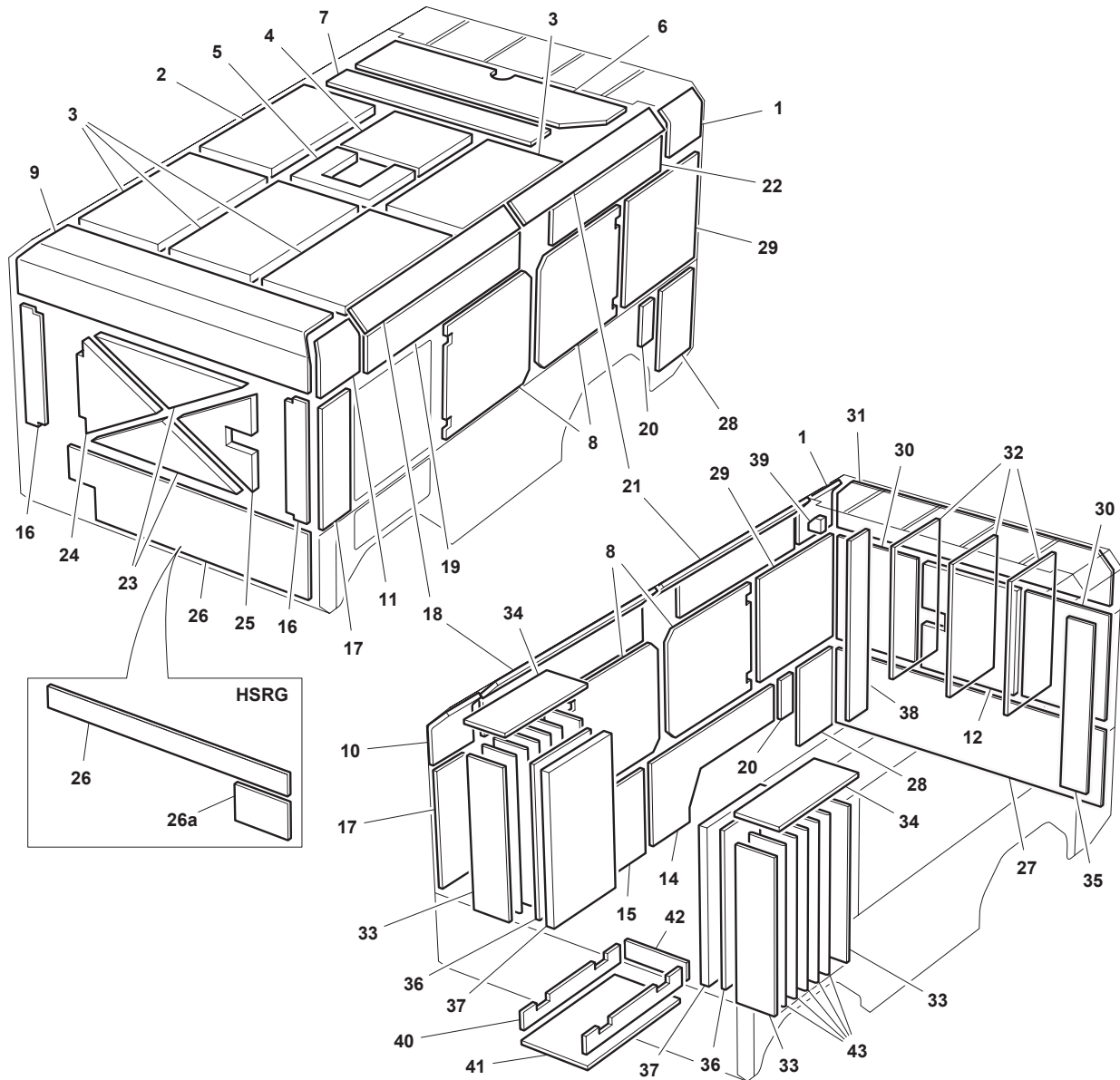
Foam



22560874_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22146989	Foam, SRG	1	Continued
	22300339	Foam, HSRG	1	
15	22147029	Foam, SRG	1	
	22300552	Foam, HSRG	1	
16	22147219	Foam	2	
17	22147227	Foam	2	
18	22148357	Foam	2	
19	22148365	Foam	2	
20	22149199	Foam	2	
21	22149207	Foam	2	
22	22149355	Foam	2	
				Continued.....

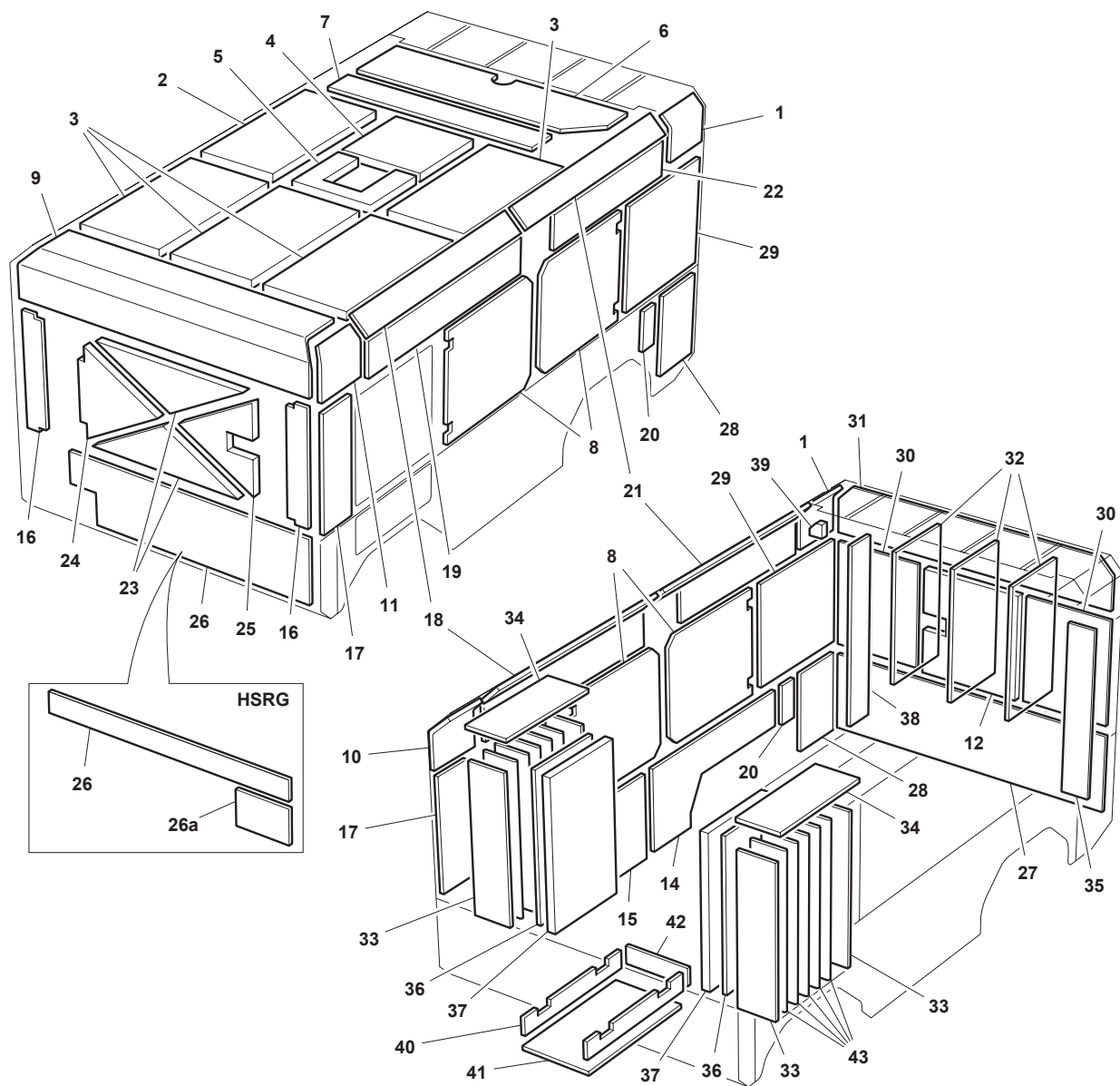
Foam



22560874_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
23	22265839	Foam	2	Continued
24	22265847	Foam	1	
25	22265854	Foam	1	
26	54375845	Foam, SRG	1	
	22147425	Foam, HSRG	1	
26a	22300669	Foam, HSRG	1	
27	89286041	Foam	1	
28	89286058	Foam	2	
29	89286157	Foam	2	
30	89286165	Foam	2	
31	89286306	Foam	1	Continued.....
32	22056188	Foam	3	

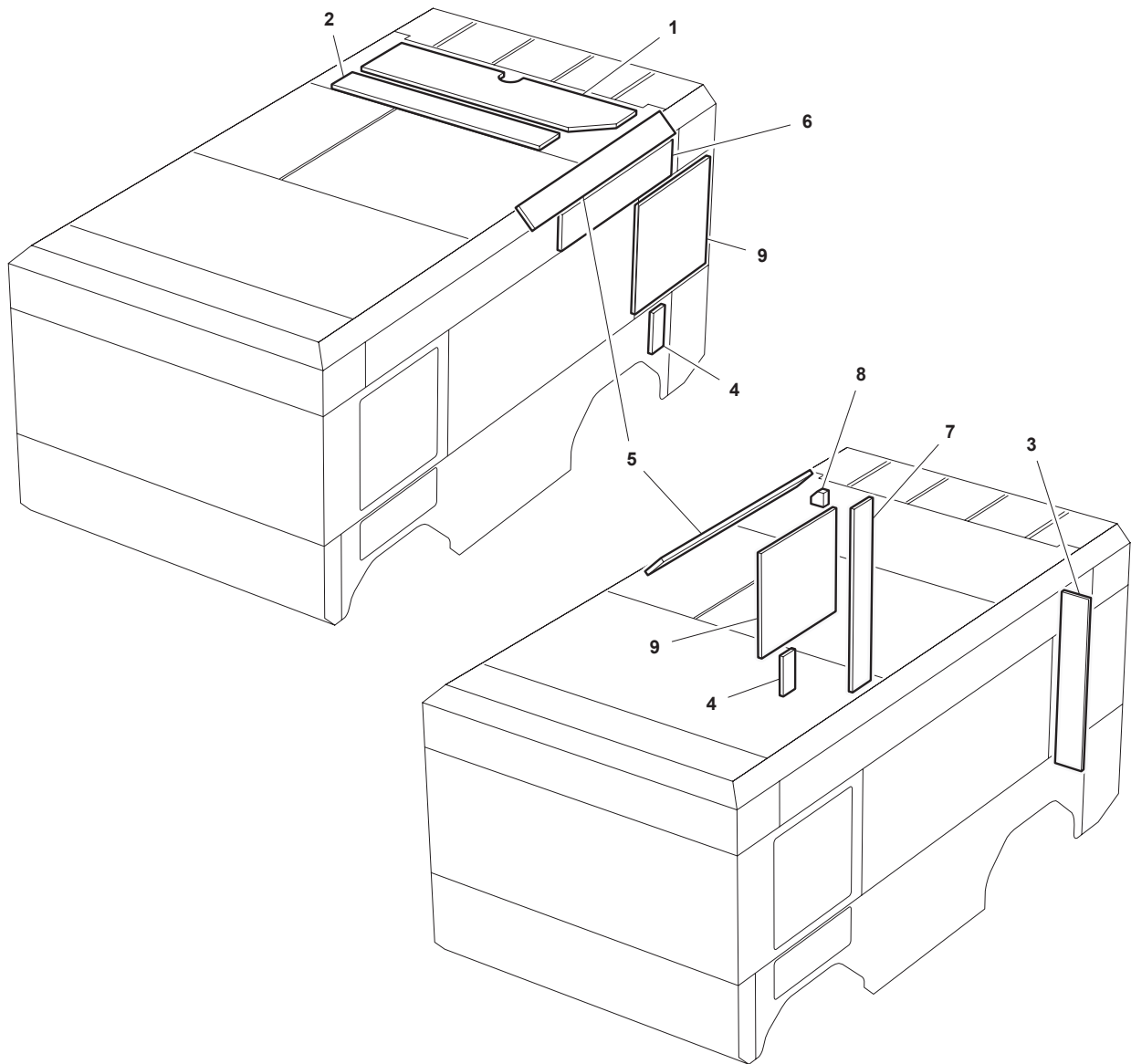
Foam



22560874_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
33	22147045	Foam	4	Continued
34	22147052	Foam	2	
35	22148894	Foam	1	
36	22153225	Foam	2	
37	22153233	Foam	2	
38	22265748	Foam	1	
39	22267330	Foam	1	
40	22300594	Foam	2	
41	22306674	Foam	1	
42	22306690	Foam	1	
43	89286090	Foam	10	

Foam - High Ambient

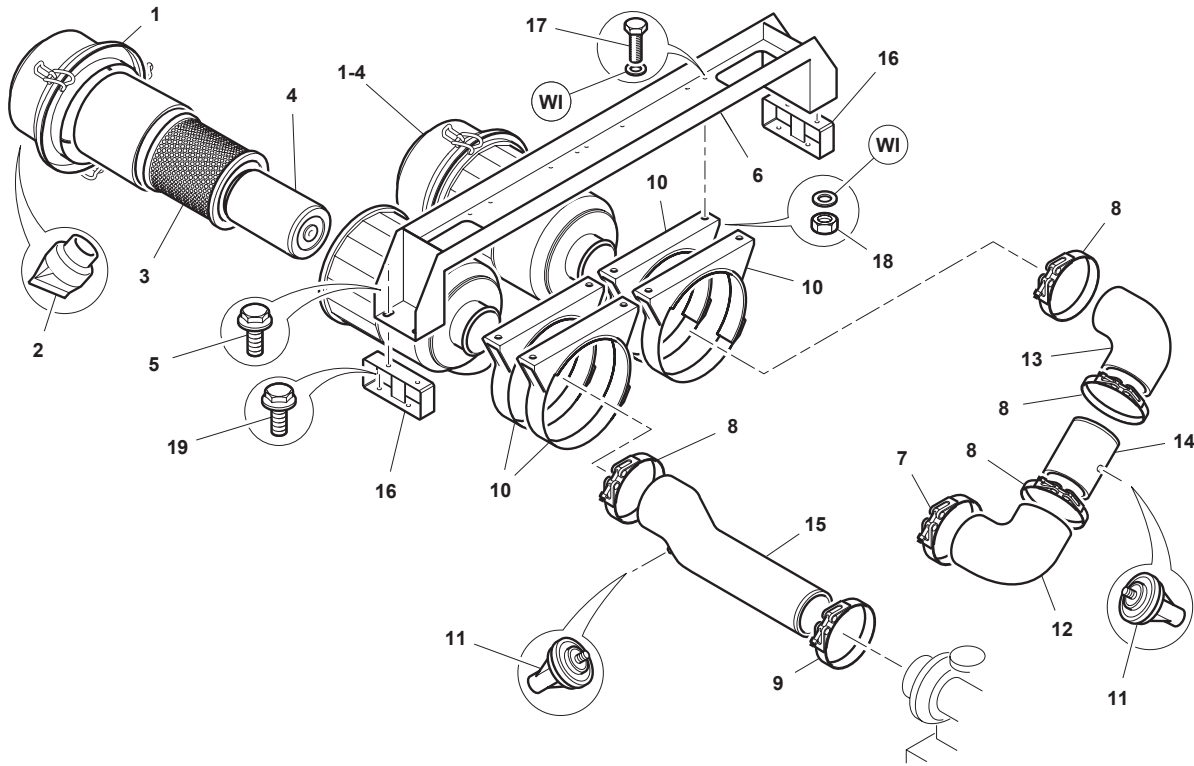


22560874_059_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22111439	Foam	1	
2	22111447	Foam	1	
3	22148894	Foam	1	
4	22149199	Foam	2	
5	22149207	Foam	2	
6	22149355	Foam	2	
7	22265748	Foam	1	
8	22267330	Foam	1	
9	89286157	Foam	2	

Air Intake System

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

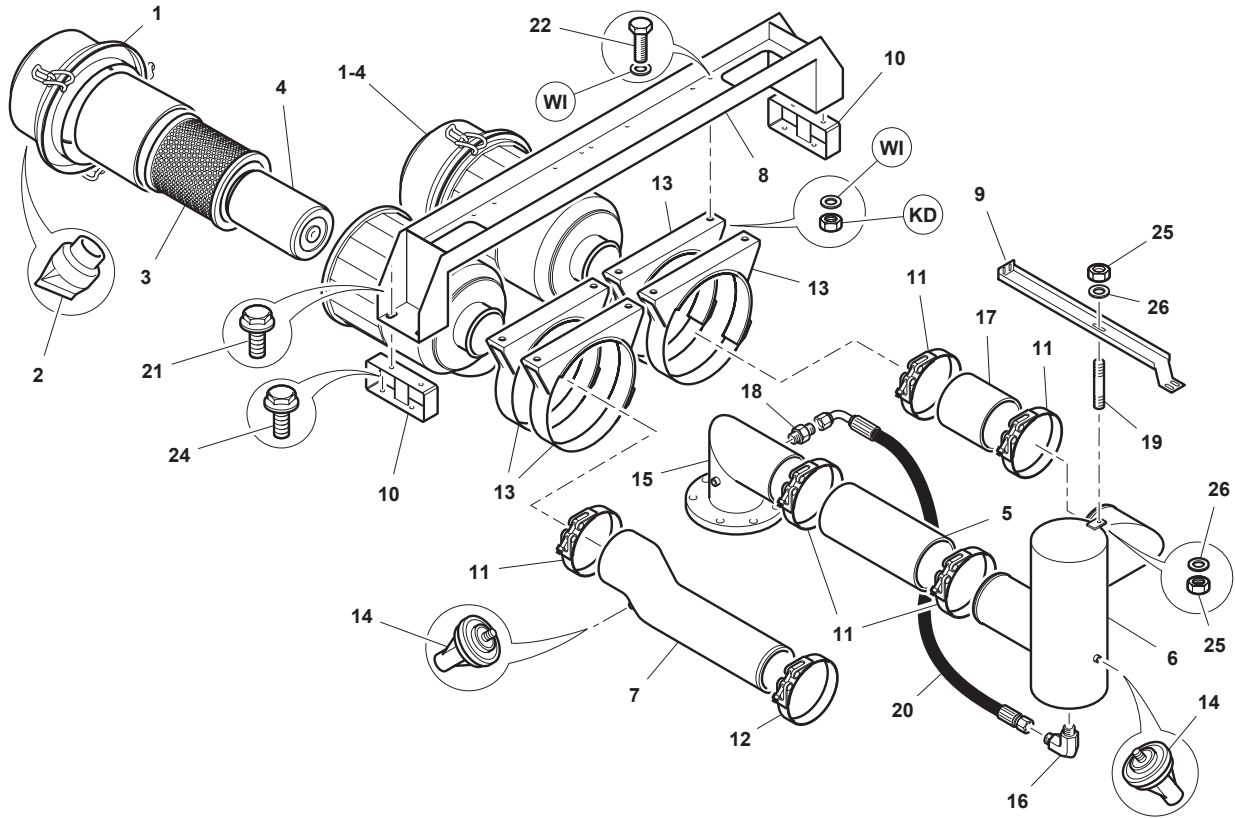


22560874_060_11/04_A

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	89285837	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	22149520	Bracket	2	
17	35271170	Screw	8	
18	36881886	Nut	8	
19	36889608	Screw	4	

Air Intake System

17/235, 21/215
SHP825, XHP750, XHP650

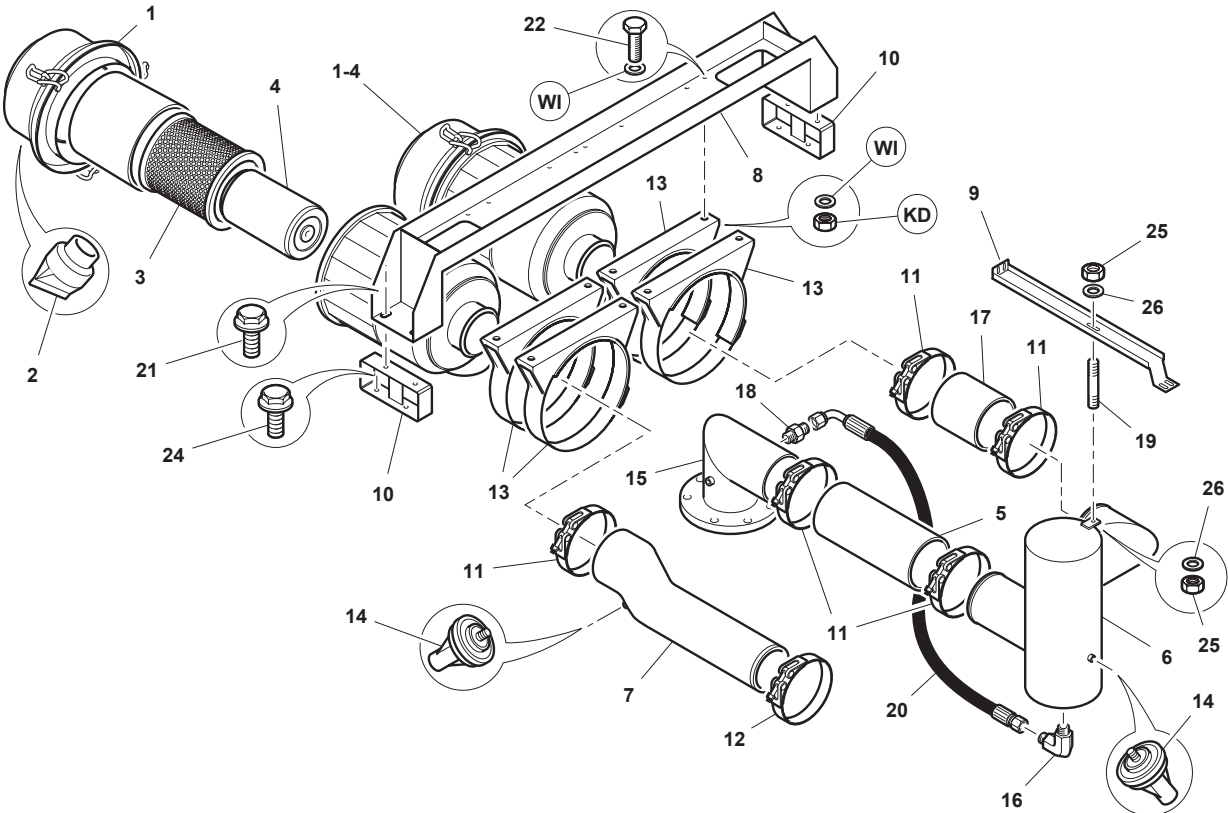


22560874_061_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	89285829	Filter, Air	2	Continued.....
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	89285837	Support	1	
9	22258115	Bracket	1	
10	89297634	Bracket	2	
11	35123496	Clamp	5	
12	36897668	Clamp	1	

Air Intake System

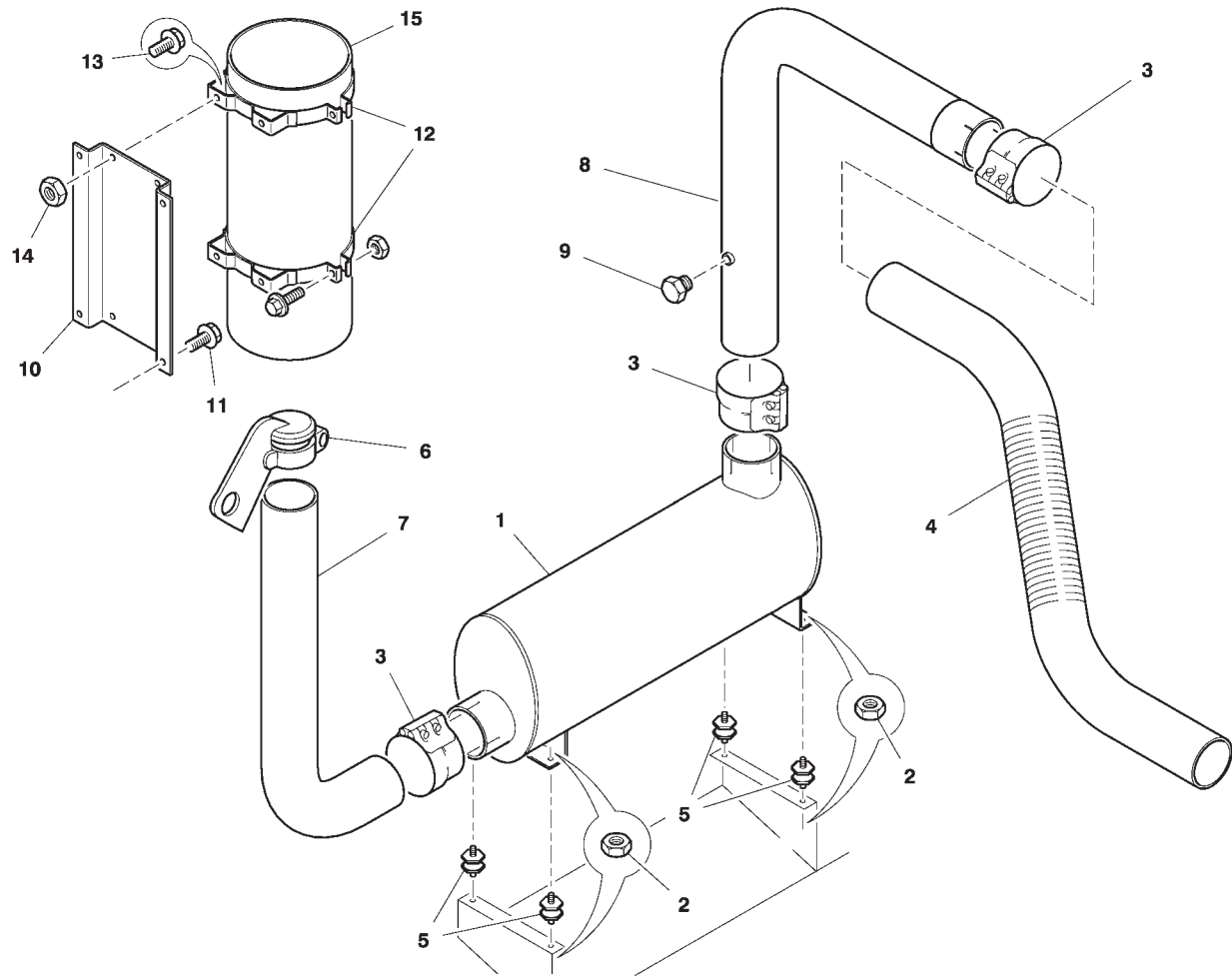
17/235, 21/215
SHP825, XHP750, XHP650



22560874_061_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	89285837	Clamp	4	Continued
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	
20	92079474	Hose Assembly	1	
21	35279025	Screw	4	
22	35271170	Screw	8	
23	36881886	Nut	8	
24	36889608	Screw	4	
25	96735543	Nut	2	
26	95934998	Washer	2	

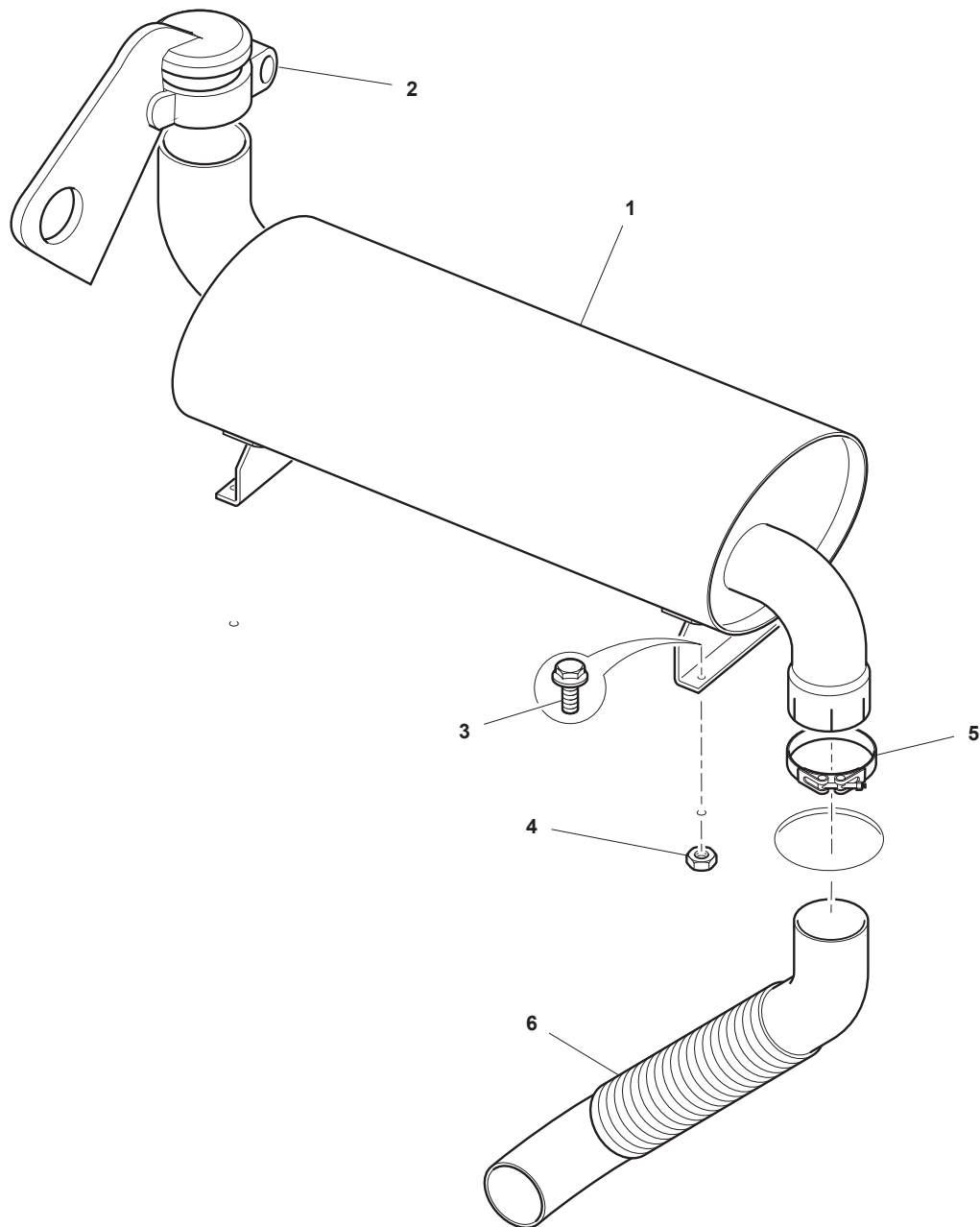
Engine Exhaust System



22560874_063_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22134175	Silencer	1	
2	36881886	Nut	8	
3	35307131	Clamp	3	
4	22082192	Connector, Flexible	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22056105	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	

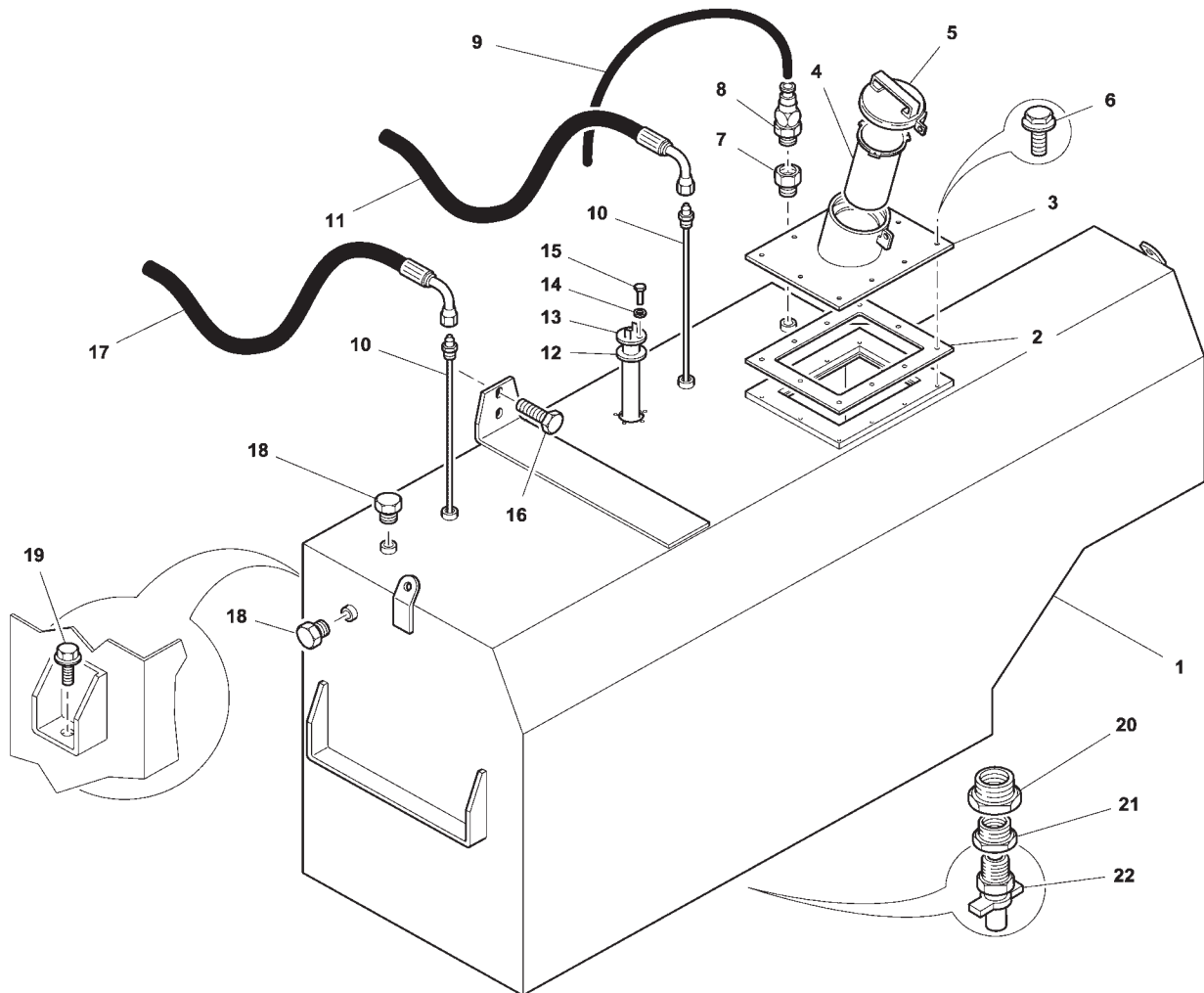
High Ambient Muffler



22560874_064_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22194567	Muffler	1	
2	35857036	Raincap	1	
3	35279025	Screw	4	
4	36895746	Nutsert	4	
5	35313303	Clamp	1	
6	22194161	Tube	1	

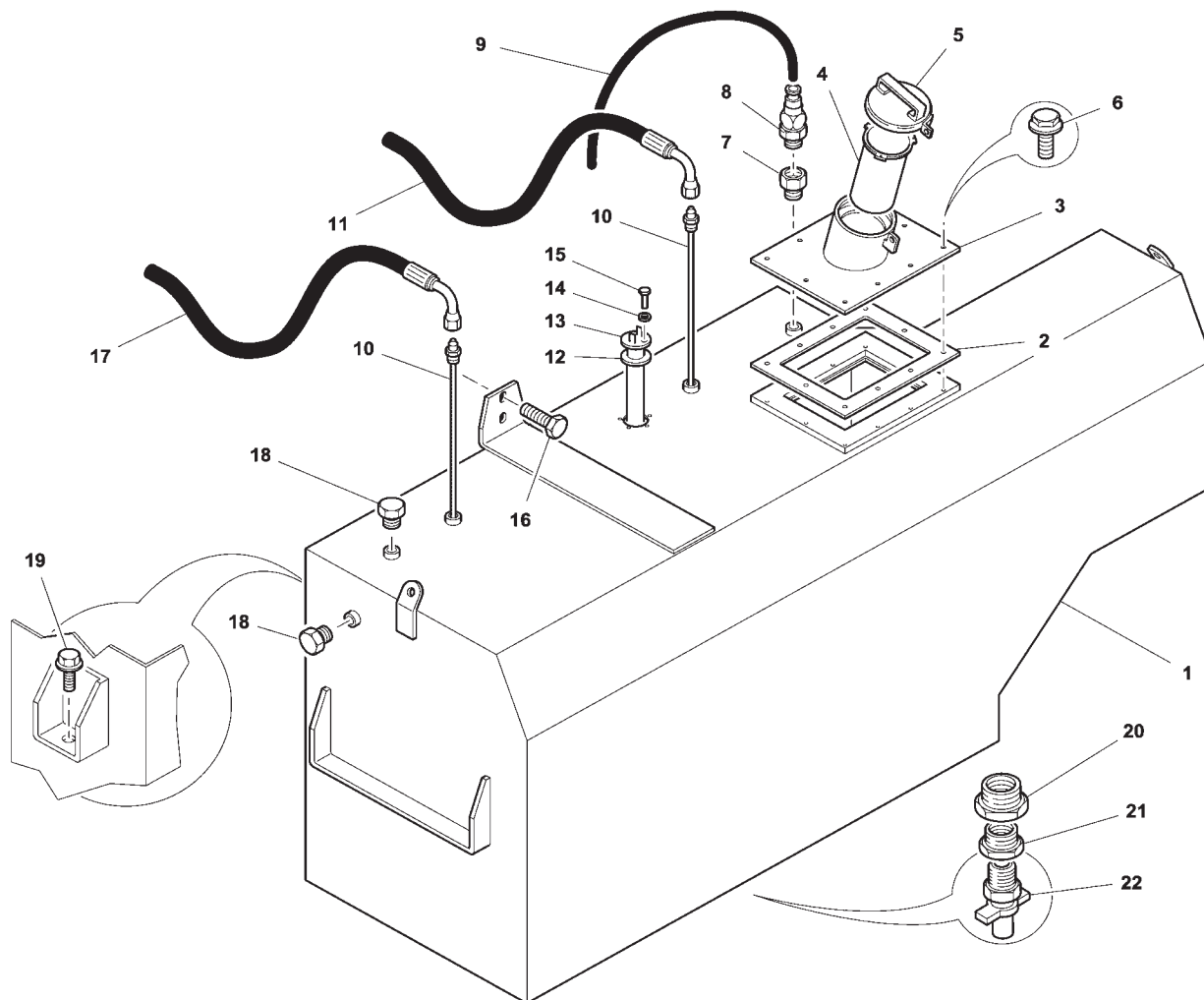
Fuel System



22560874_065_11/04_A

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.....

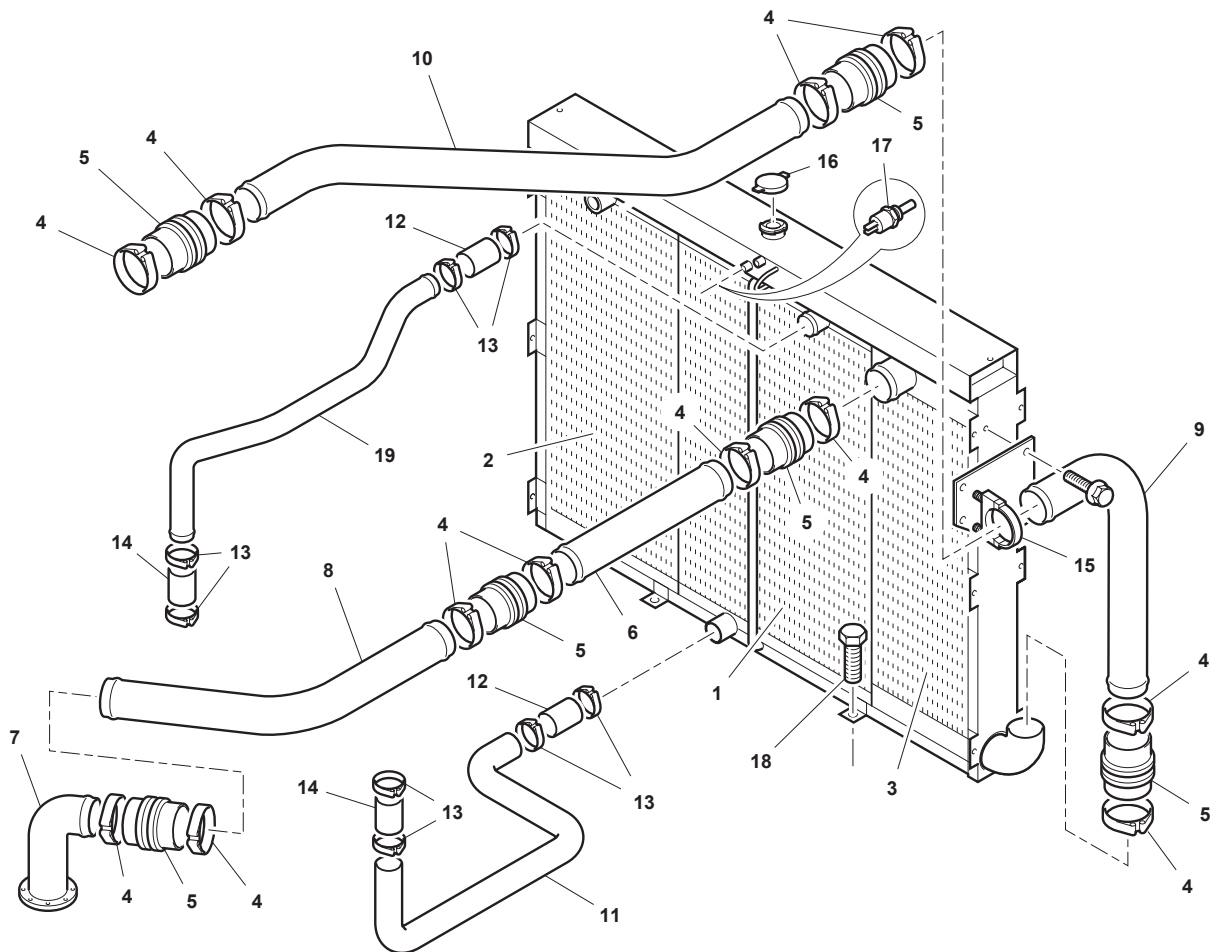
Fuel System



22560874_65_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35282995	Hose Assembly	1	 <i>Continued</i>
12	89288492	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	1	

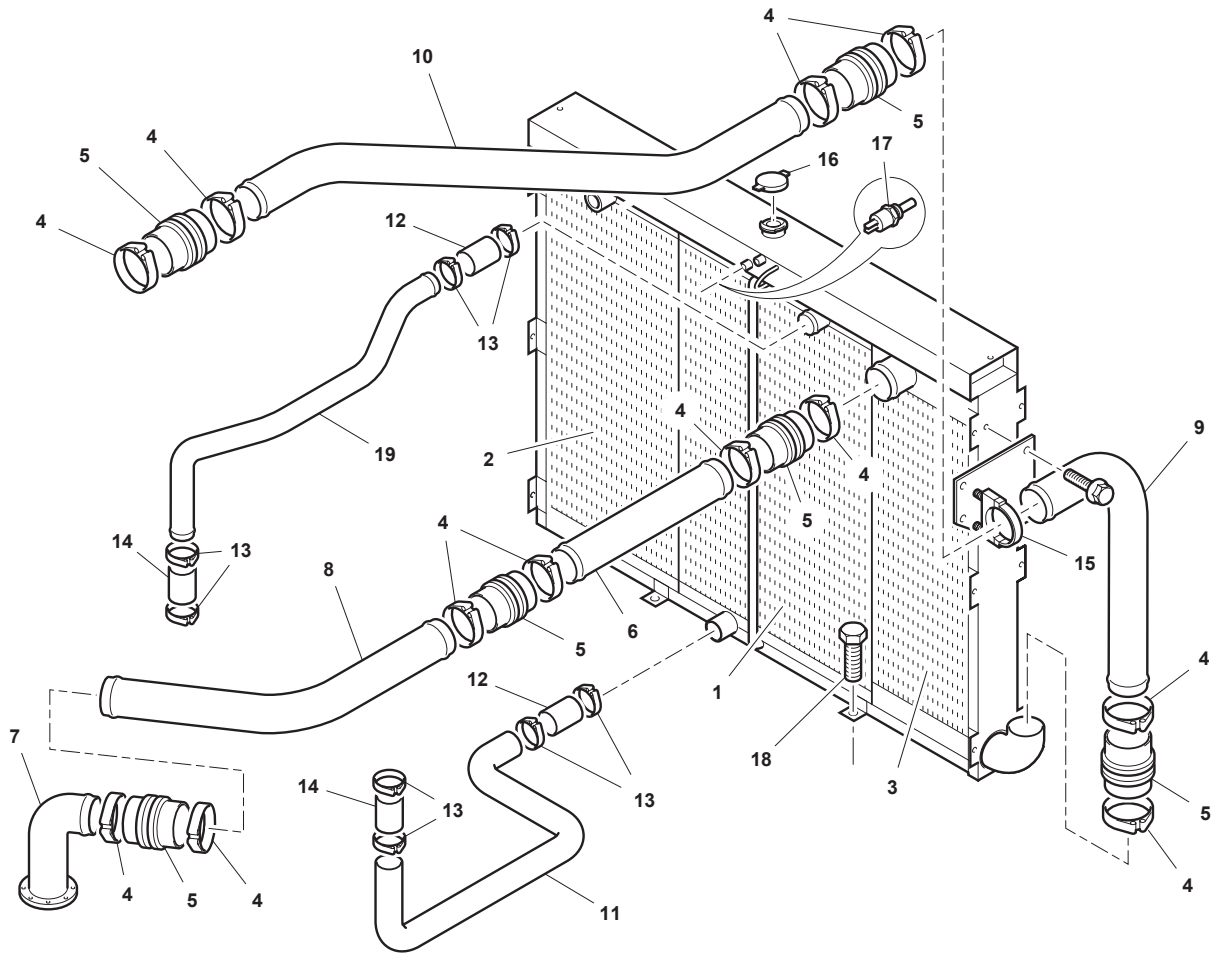
Cooling System



22560874_067_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES	
1-3	22150031	Radiator & Cooler Assembly (9/230, 9/270, 9/300, 12/235) (HP935, VHP750, MHP825, XP1060)			
1	89299861	Radiator	1		
2	22126197	Cooler, Oil	1		
3	89299879	Cooler, Charge	1		
1-3	22150023	Radiator & Cooler Assembly (17/235, 21/215) (SHP825, XHP750, XHP650)			
1	89299861	Radiator	1		
2	22150213	Cooler, Oil	1		
3	89299879	Cooler, Charge	1		
4	54444427	Clamp	12		
5	54422522	Sleeve	6		
					Continued.....

Cooling System

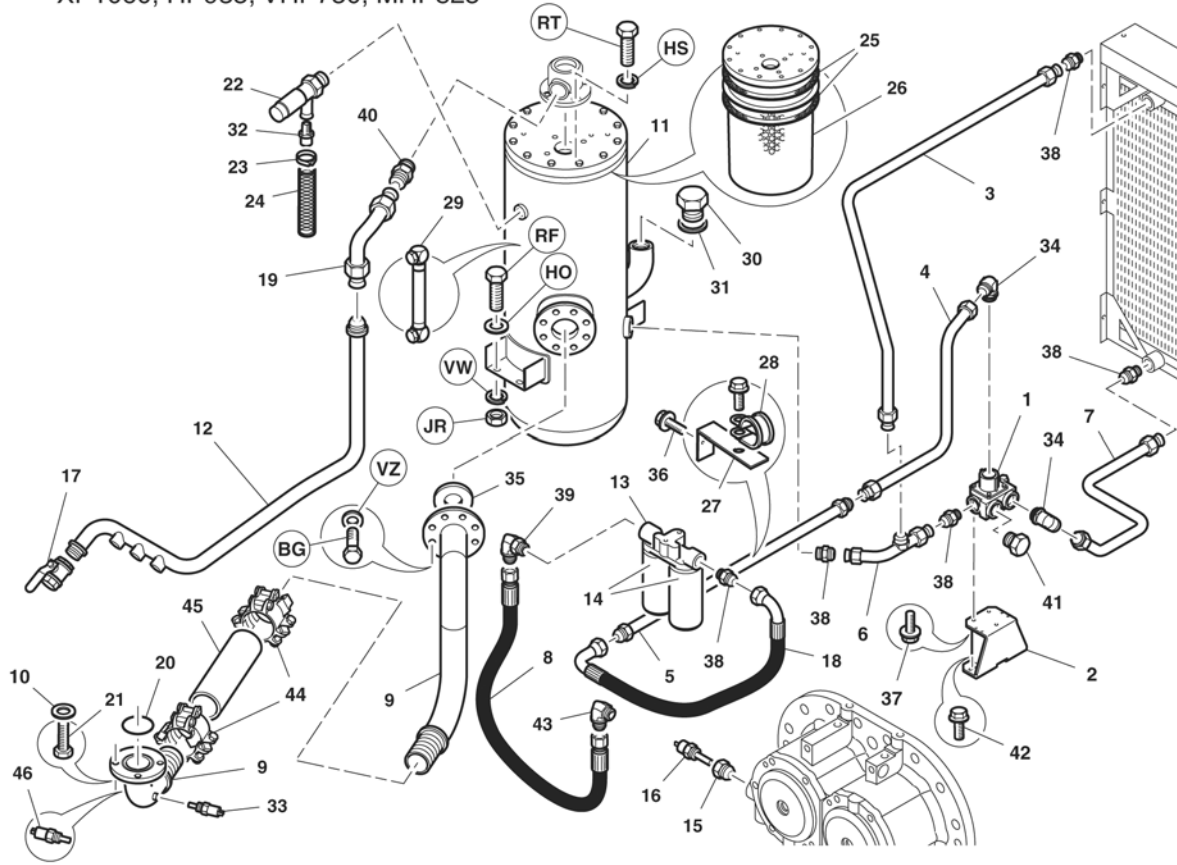


22560874_067_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
6	22080857	Tube	1	Continued
7	--	Flange, Engine	1	
8	22079628	Tube	1	
9	22080774	Tube	1	
10	22079610	Tube	1	
11	22079644	Tube	1	
12	35330570	Connector	2	
13	35222017	Clamp	8	
14	22126460	Connector	2	
15	35111731	Clamp	1	
16	89232086	Cap	1	
17	22102339	Sensor, Coolant Level	1	
18	36877793	Screw	4	
19	22079636	Tube	1	

Oil/Air Piping

XP1060, HP935, VHP750, MHP825

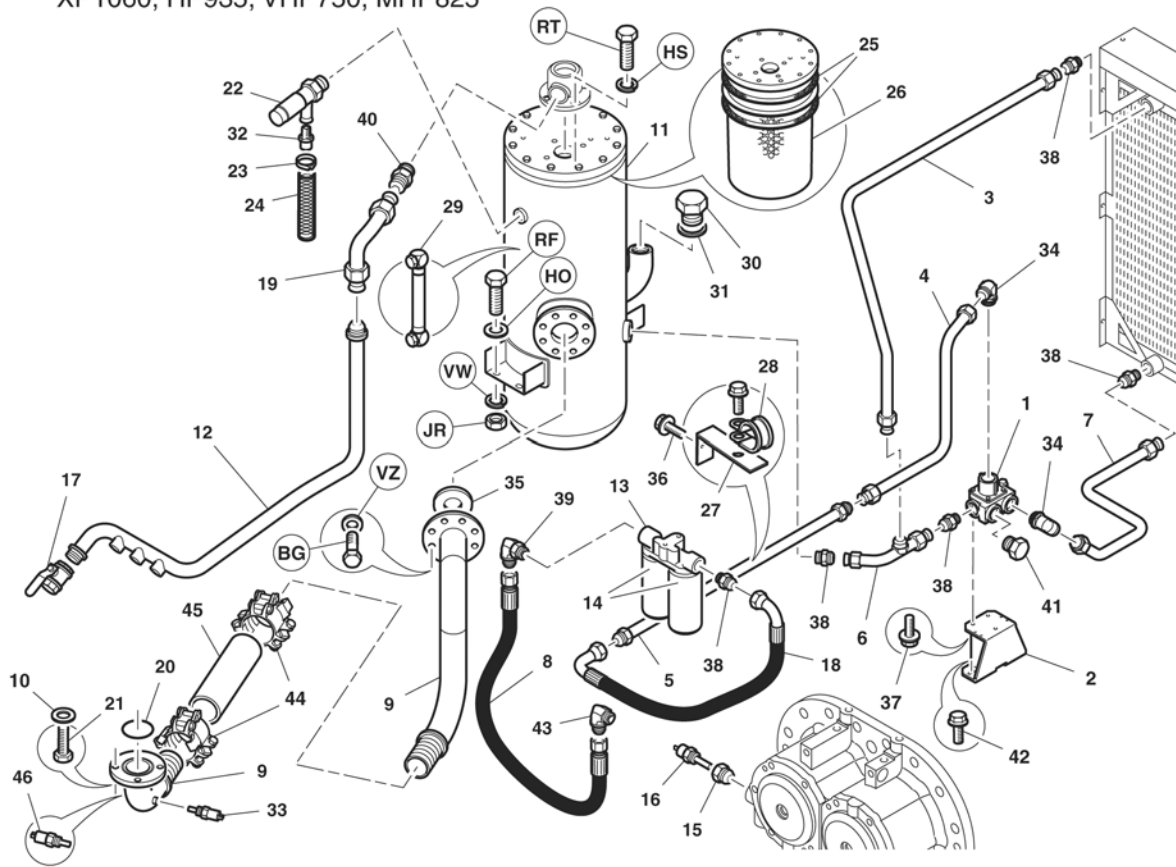


22560874_069_11/04_A

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	36840650	Hose Assembly	1	
9	22130801	Pipe	1	
10	95939741	Washer	4	
11	22130322	Tank, Separator	1	
12	22332605	Tube Assembly	1	
13	36756120	Filter Assembly	1	
14	36860336	Element	2	
15	22246722	Adaptor	1	

Oil/Air Piping

XP1060, HP935, VHP750, MHP825

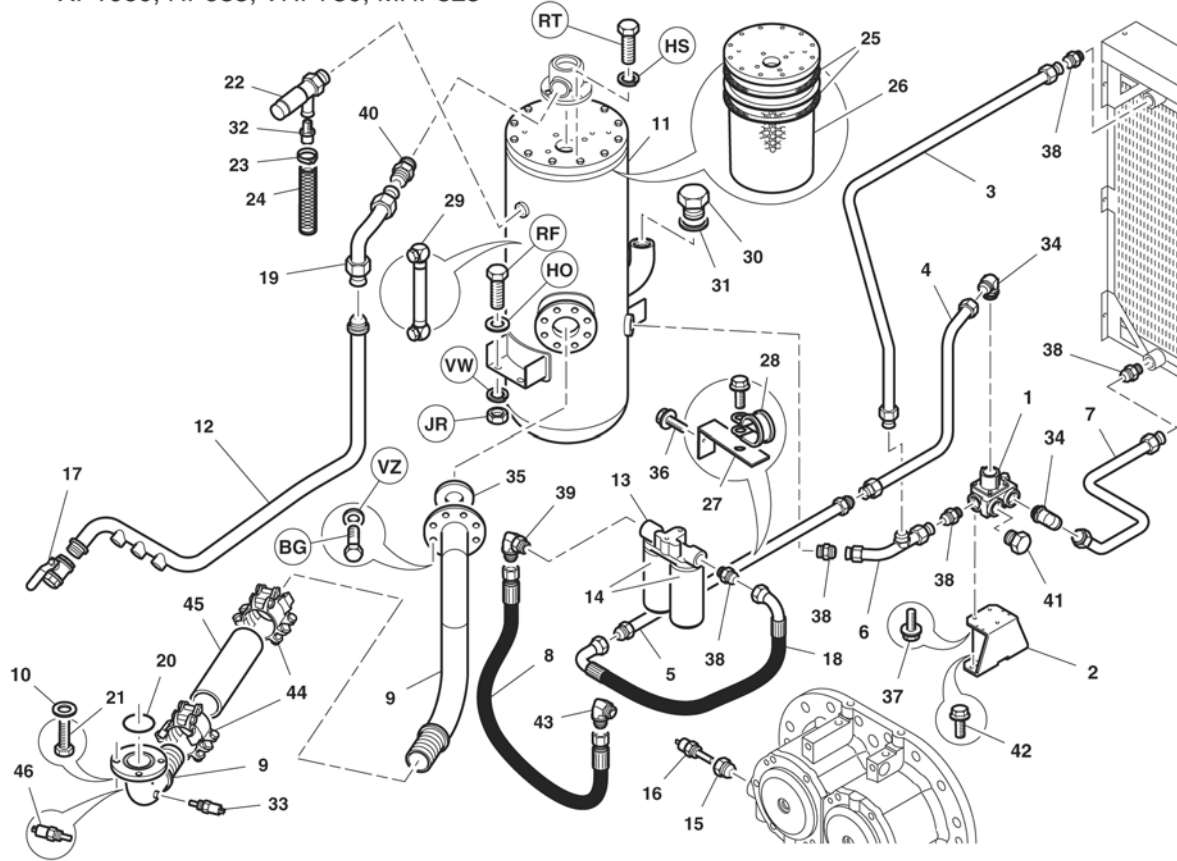


22560874_069_11/04_A

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	36897627	Valve, Safety	1	
23	35221639	Clip, Retaining	1	
24	54378526	Hose	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

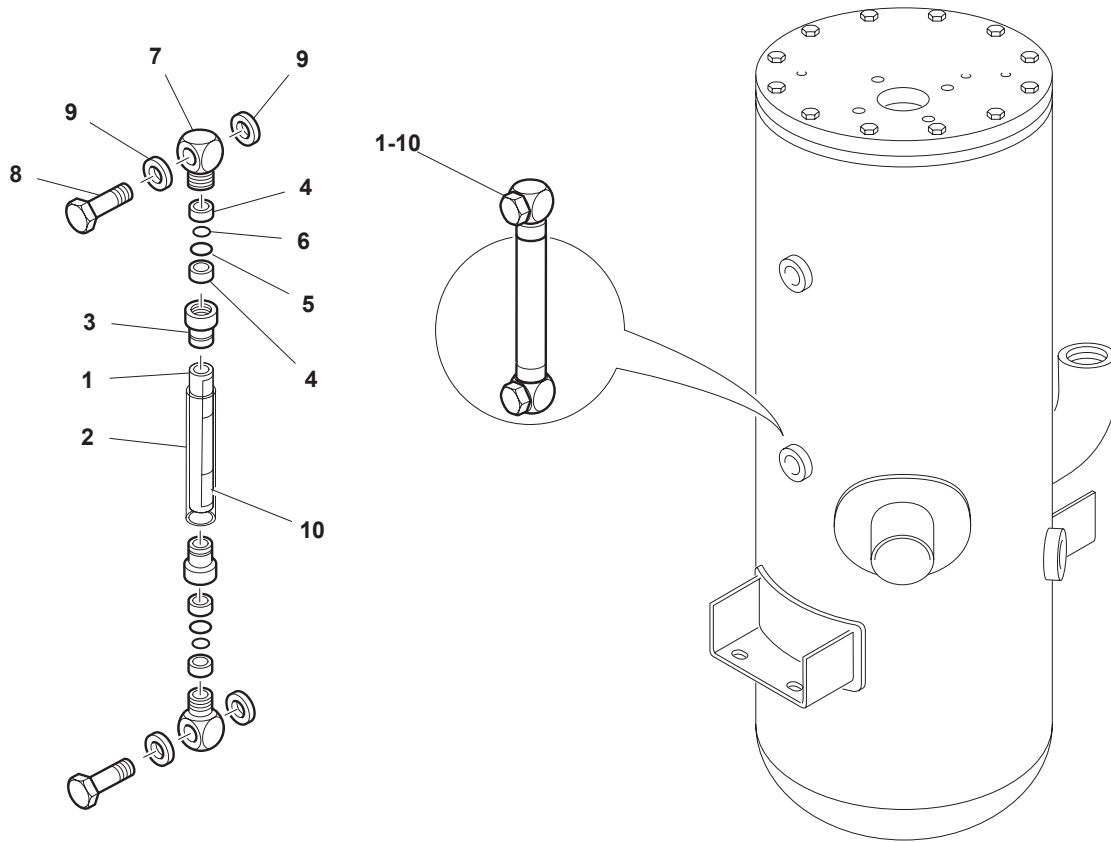
XP1060, HP935, VHP750, MHP825



22560874_069_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35279942	O-Ring	1	Continued
32	54378534	Adaptor	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	

Oil/Air Piping

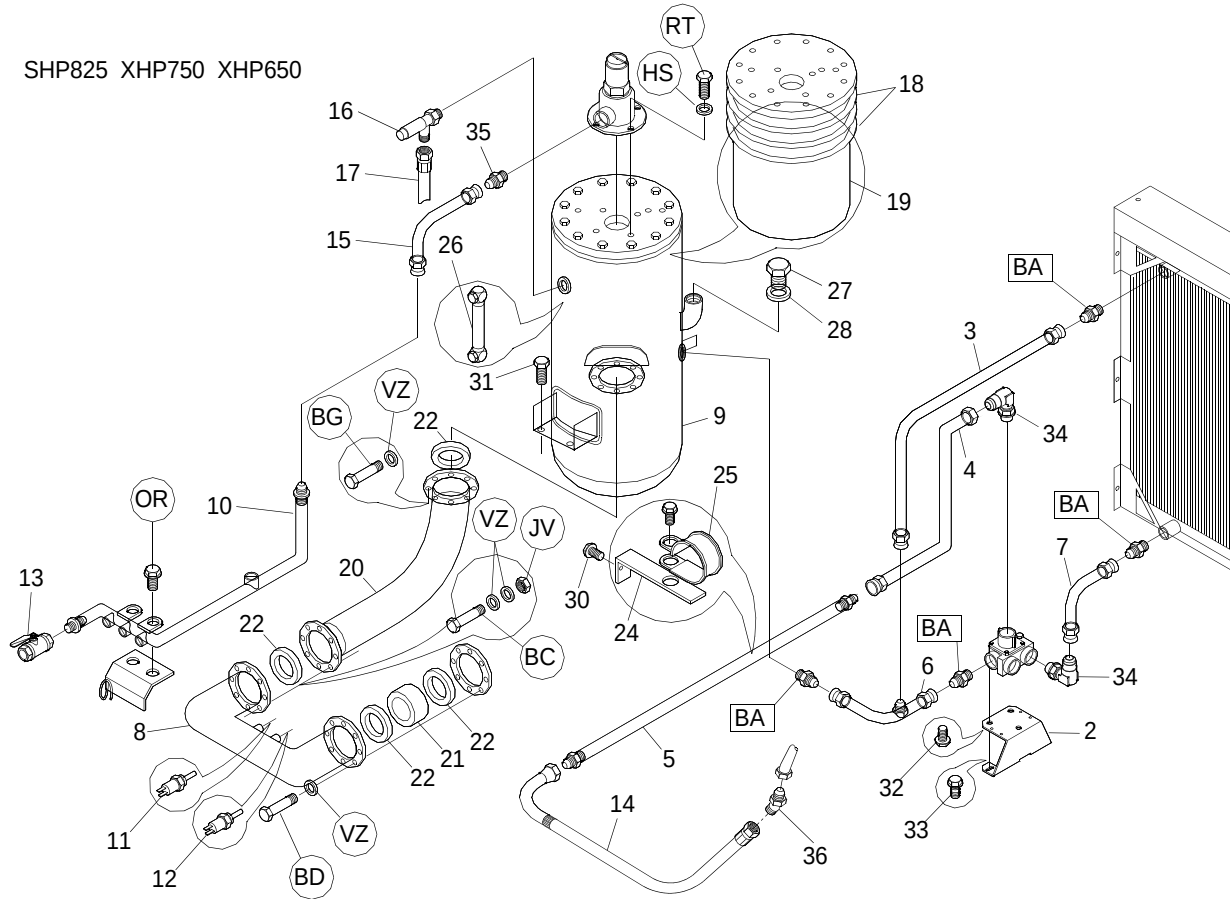


22560874_072_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-10	92095363	Gauge, Oil Level	1	
1	92095371	Sight-Glass	1	
2	92095389	Guard	1	
3	92095397	Nut, Gland	2	
4	92095405	Ferrule	4	
5	92095413	O-Ring	2	
6	92095421	O-Ring	2	
7	92095439	Collar	2	
8	92095447	Nipple	2	
9	92293661	Seal, Sight Glass	4	
10	92094994	Indicator	1	

Oil/Air Piping

SHP825 XHP750 XHP650

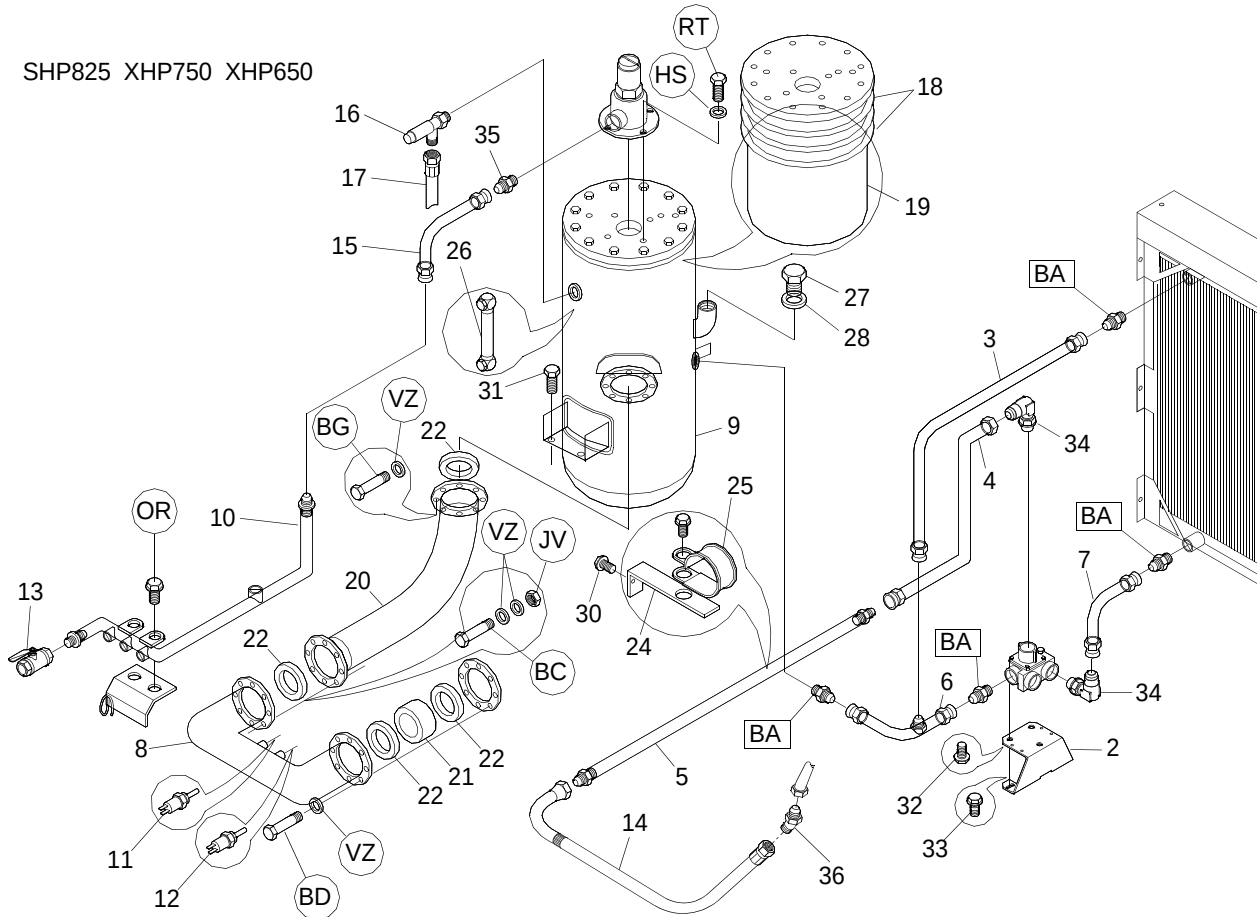


22560874_073_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36893824	Valve, Thermostatic	1	Continued.....
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	22093009	Pipe	1	
9	22144505	Tank, Separator	1	
10	22332605	Tube Assembly	1	
11	36898922	Sensor, Temperature	1	
12	36841138	Sending Unit, Compressor Temperature Gauge	1	
13	35602473	Valve, Ball	1	
14	22165658	Hose Assembly	1	
15	54576038	Tube Assembly	1	
16	22372528	Valve, Safety (SHP 750 And SHP 825)	1	
	22171706	Valve, Safety (XHP 700 And XHP 750)	1	
17	92895267	Hose	1	
18	89304059	Gasket	2	
19	89202022	Element with Gaskets	1	

Oil/Air Piping

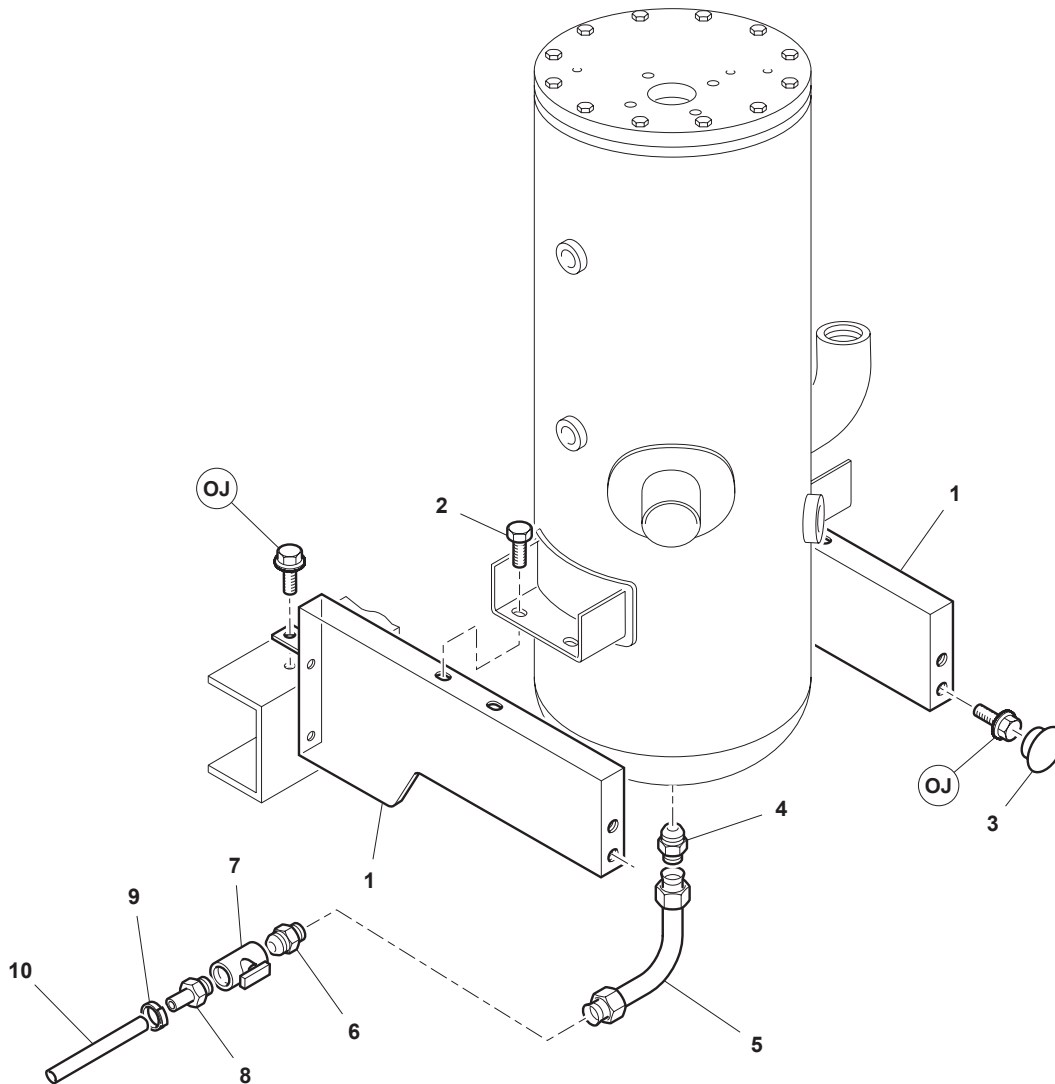
SHP825 XHP750 XHP650



22560874_073_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
19	89202022	Element with Gaskets	1	Continued
20	92893221	Pipe, Flexible	1	
21	36843720	Valve, Check	1	
22	39487830	Gasket	4	
23	--			
24	22123491	Bracket	1	
25	92898576	Clip, Retaining	1	
26	92892967	Gauge, Oil Level	1	
27	35579630	Cap	1	
28	35279942	O-Ring	1	
29	--			
30	35279025	Screw	2	
31	36877793	Screw	4	
32	95934543	Screw	3	
33	35279025	Screw	2	
34	95431292	Elbow	2	
35	92895317	Adaptor	1	
36	35296425	Elbow , 45 Degree	1	

Oil/Air Piping

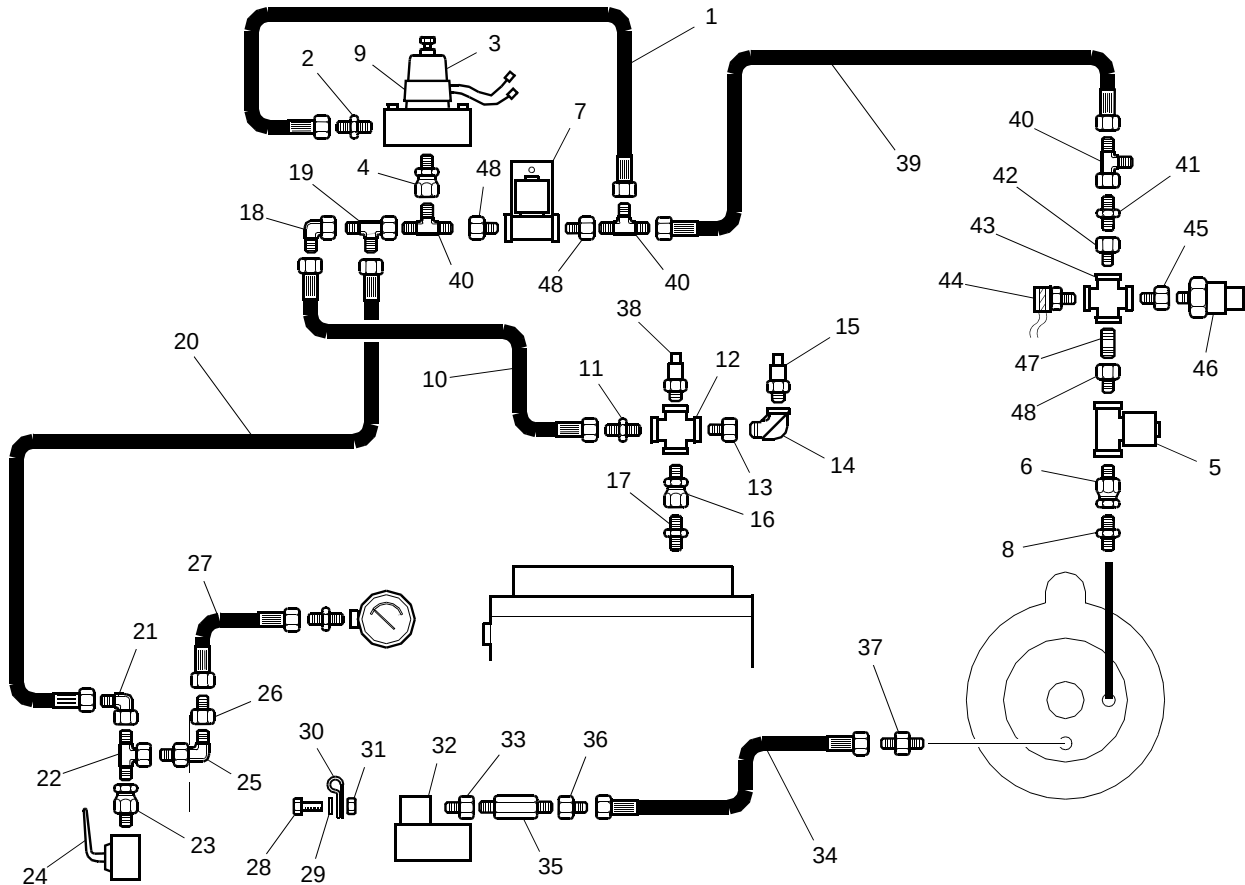


22560874_075_11/04_A

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	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

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

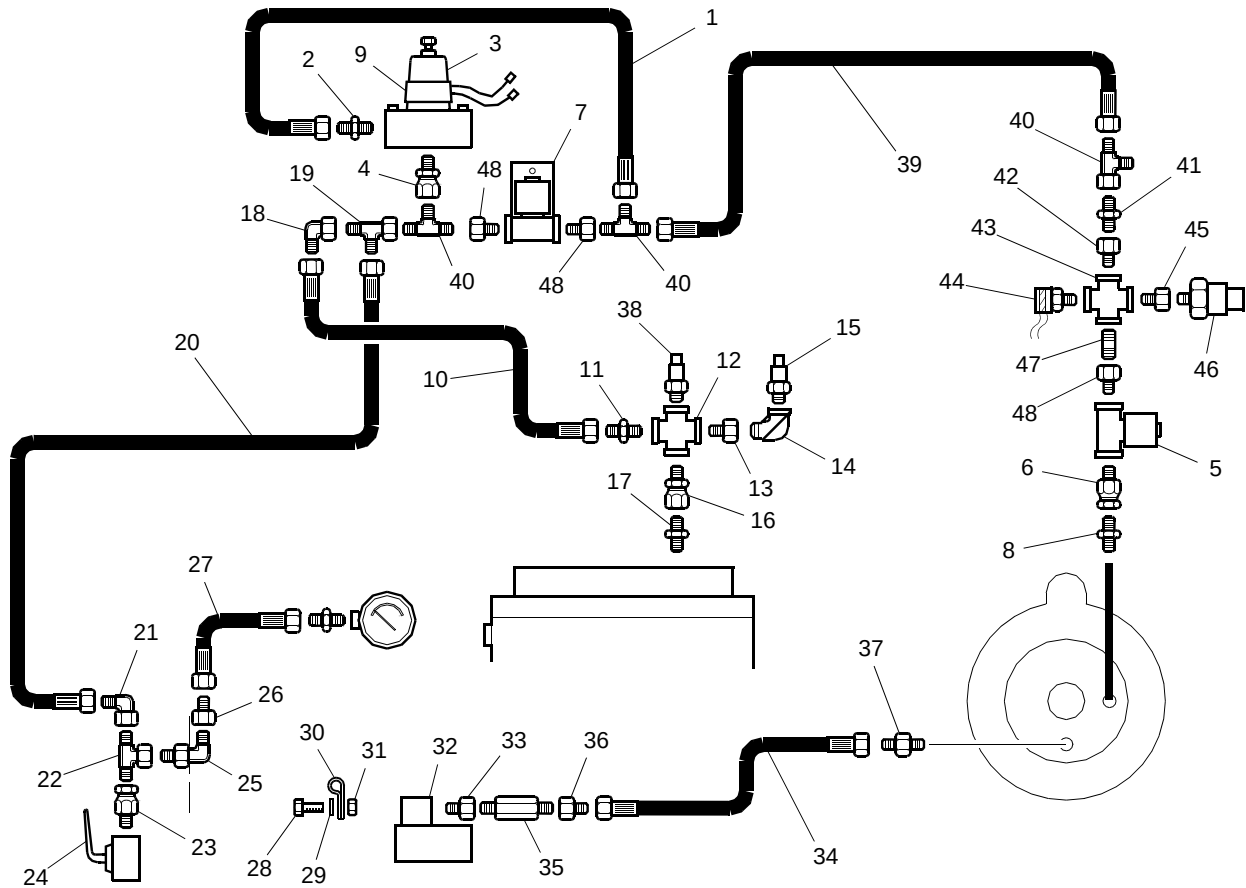


22560874_076_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35282946	Hose Assembly	1	Continued.....
2	35284082	Adaptor	1	
3	36896892	Regulator 12/235, VHP750, MHP825	1	
	36854149	Regulator 9/230, 9/270, 9/300, HP935, XP950, XP1060	1	
4	35367846	Adaptor	1	
5	36840841	Valve, Solenoid	1	
6	35368927	Connector	1	
7	36840841	Valve, Solenoid	1	
8	36840460	Adaptor	1	
9	36854677	Heater	1	
10	92963529	Hose Assembly	1	
11	35290147	Adaptor	1	
12	95659280	Cross	1	
13	95953899	Adaptor	1	
14	95757183	Elbow	1	

Regulation System

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

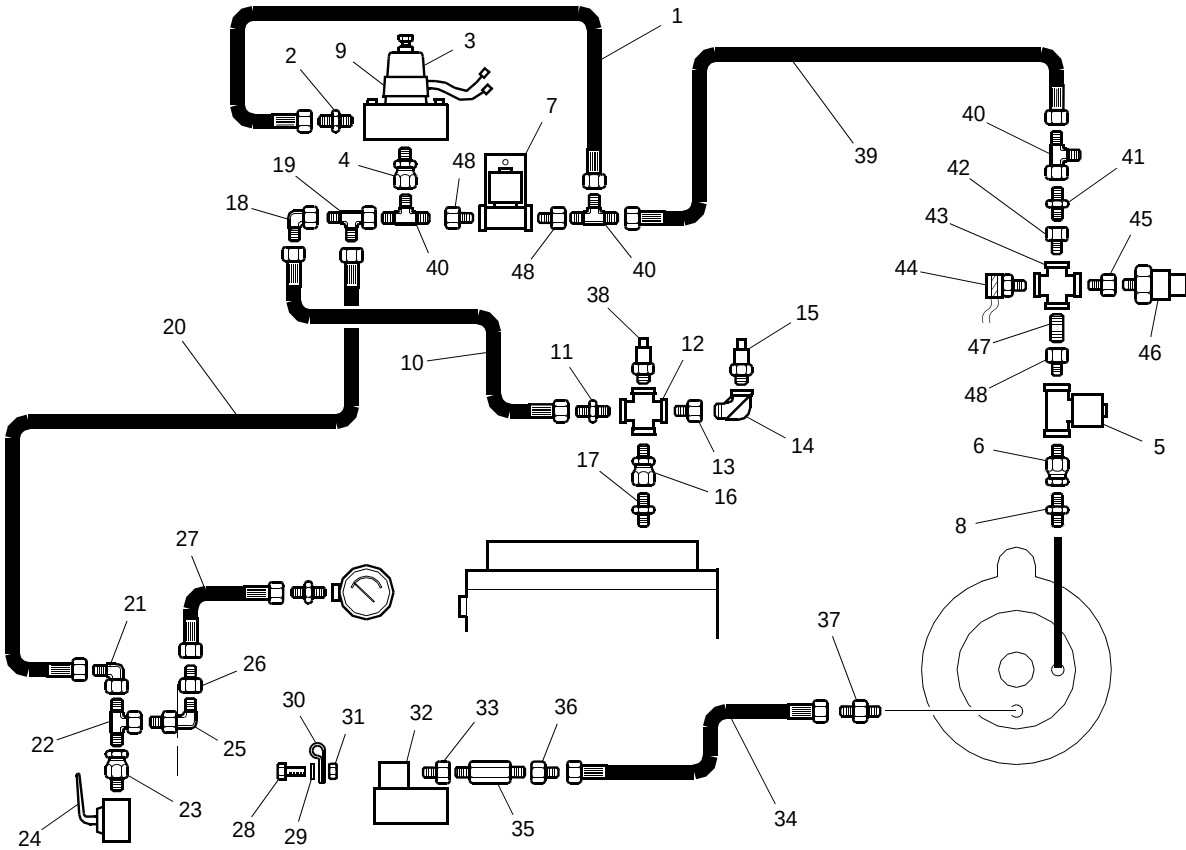


22560874_076_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	54496773	Transducer, Pressure	1	Continued (0-225psi)
16	35290147	Adaptor	1	
17	92042936	Adaptor	1	
18	35279827	Elbow	1	
19	95415667	Tee	1	
20	35282979	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	30898096	Screw	2	
29	95935029	Washer	2	
30	35119718	Clip, Hose	2	
31	36898104	Nut	2	
				Continued.....

Regulation System

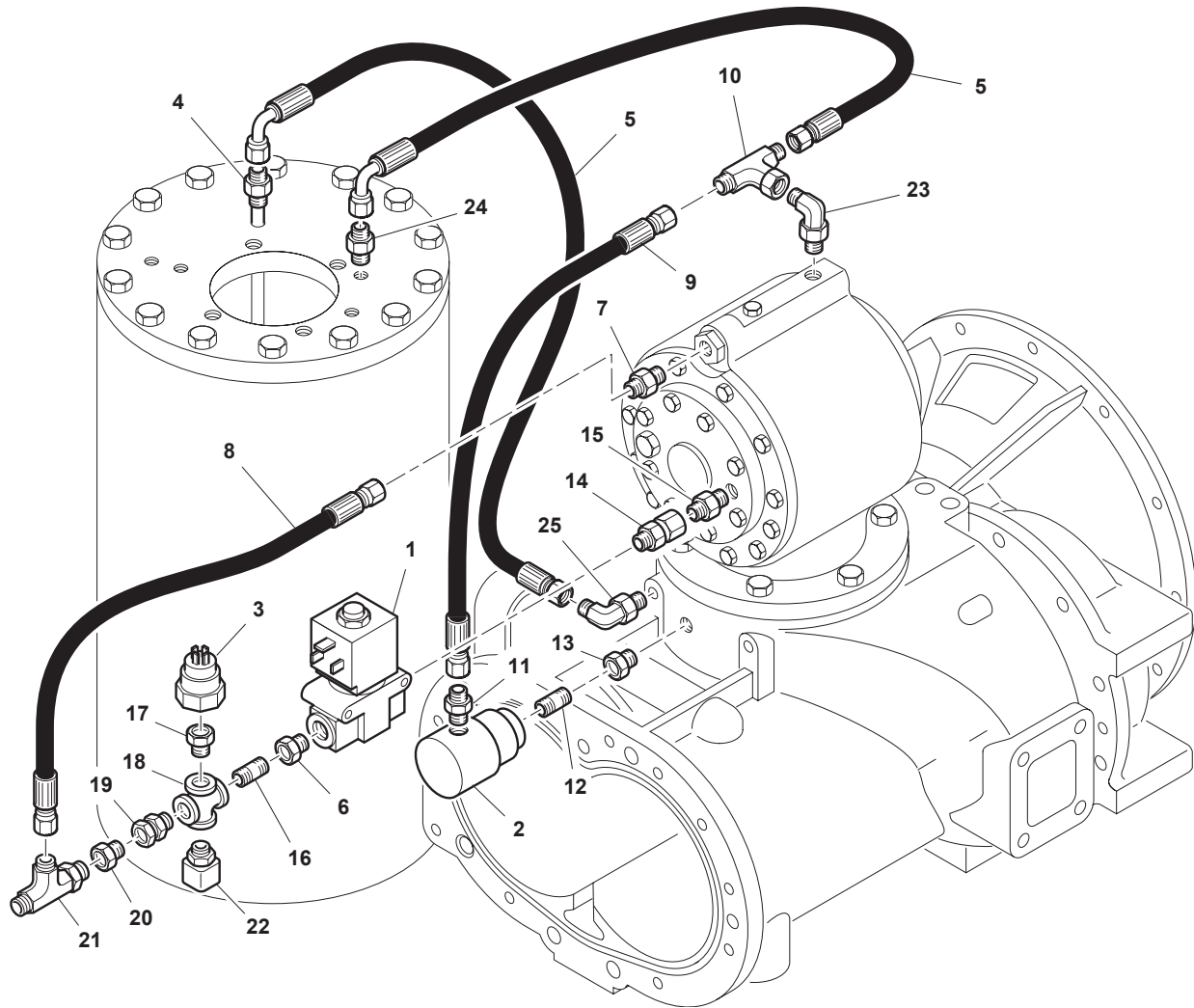
9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060



22560874_076_11/04_A

[illegible]

Regulation System

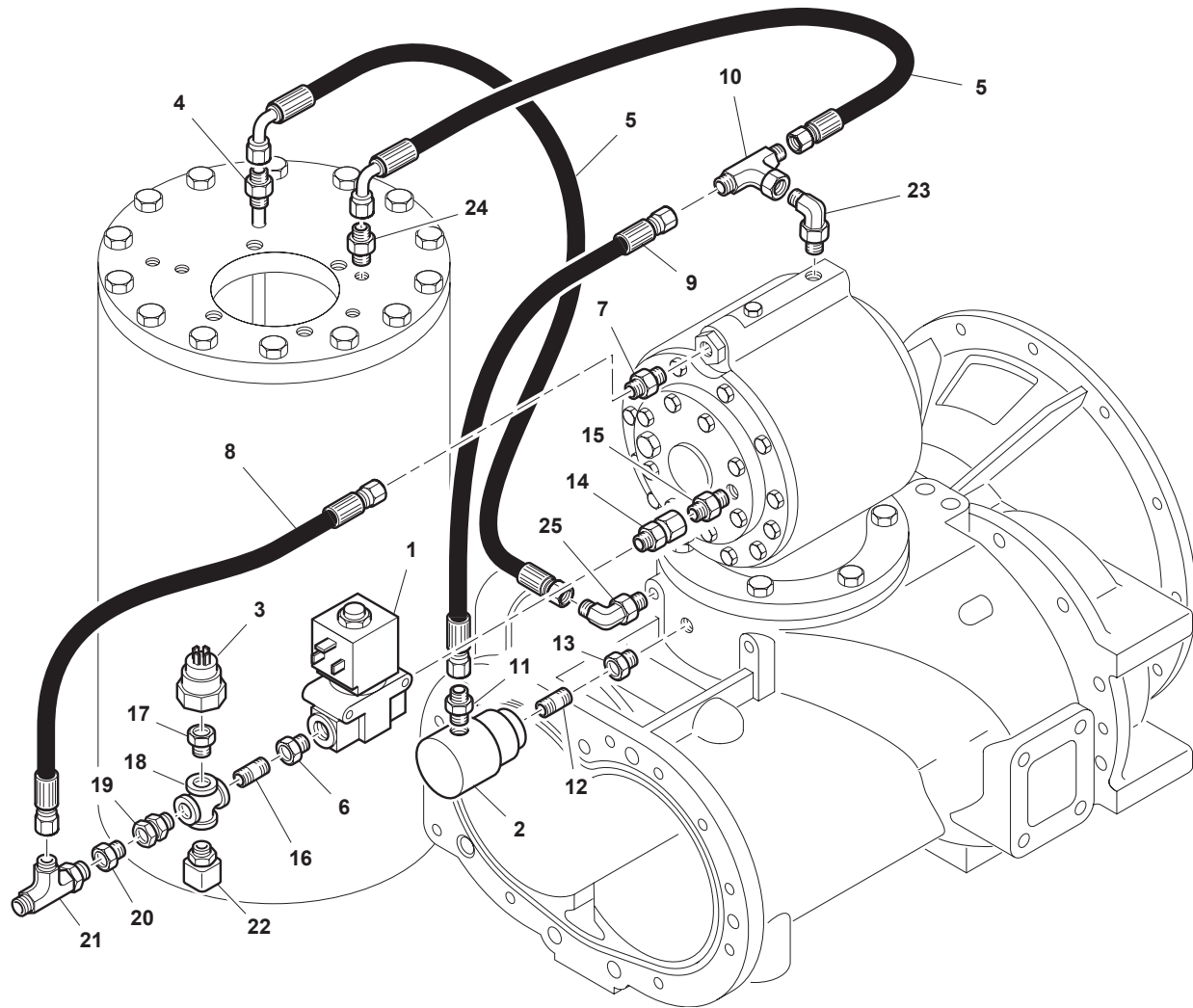


22560874_079_11/04_A

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 9/230, 9/270, 9/300, 12/235 VHP750, MHP825, HP935, XP950, XP1060	1	
5	89289185	Hose Assembly	2	
6	95940748	Adaptor	1	
7	95365078	Adaptor	1	
8	35311026	Hose Assembly	1	
9	35323724	Hose Assembly	1	
10	35283092	Tee	1	
11	35284082	Adaptor	1	

Continued.....

Regulation System

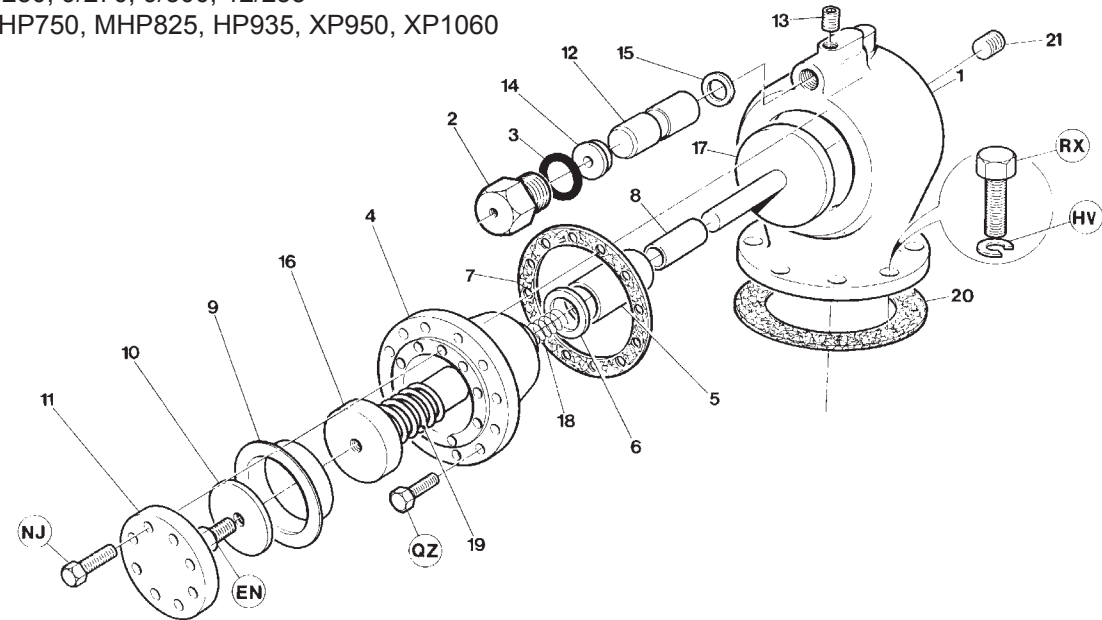


22560874_079_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	95667341	Nipple	1	 <i>Continued</i>
13	35302314	Adaptor	1	
14	35368927	Connector	1	
15	36840460	Adaptor	1	
16	95944575	Nipple	1	
17	95930301	Adaptor	1	
18	95954293	Tee	1	
19	35284082	Adaptor	1	
20	35321983	Adaptor	1	
21	35283050	Tee	1	
22	35322346	Orifice	1	
23	35279827	Elbow	1	
24	92042936	Adaptor	1	
25	92080811	Elbow, Orifice	1	

Regulation System

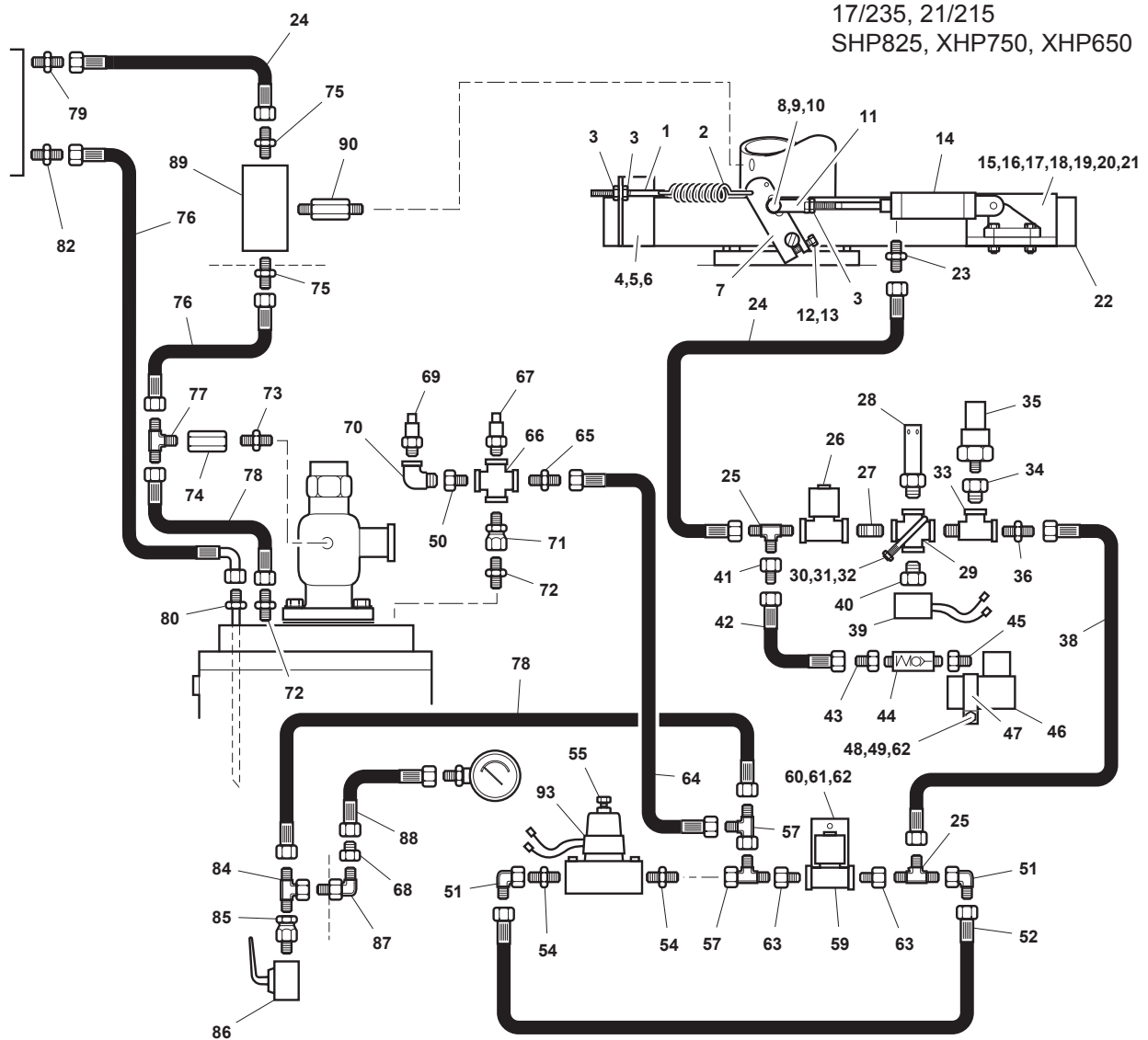
9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060



22560874_081_11/04_A

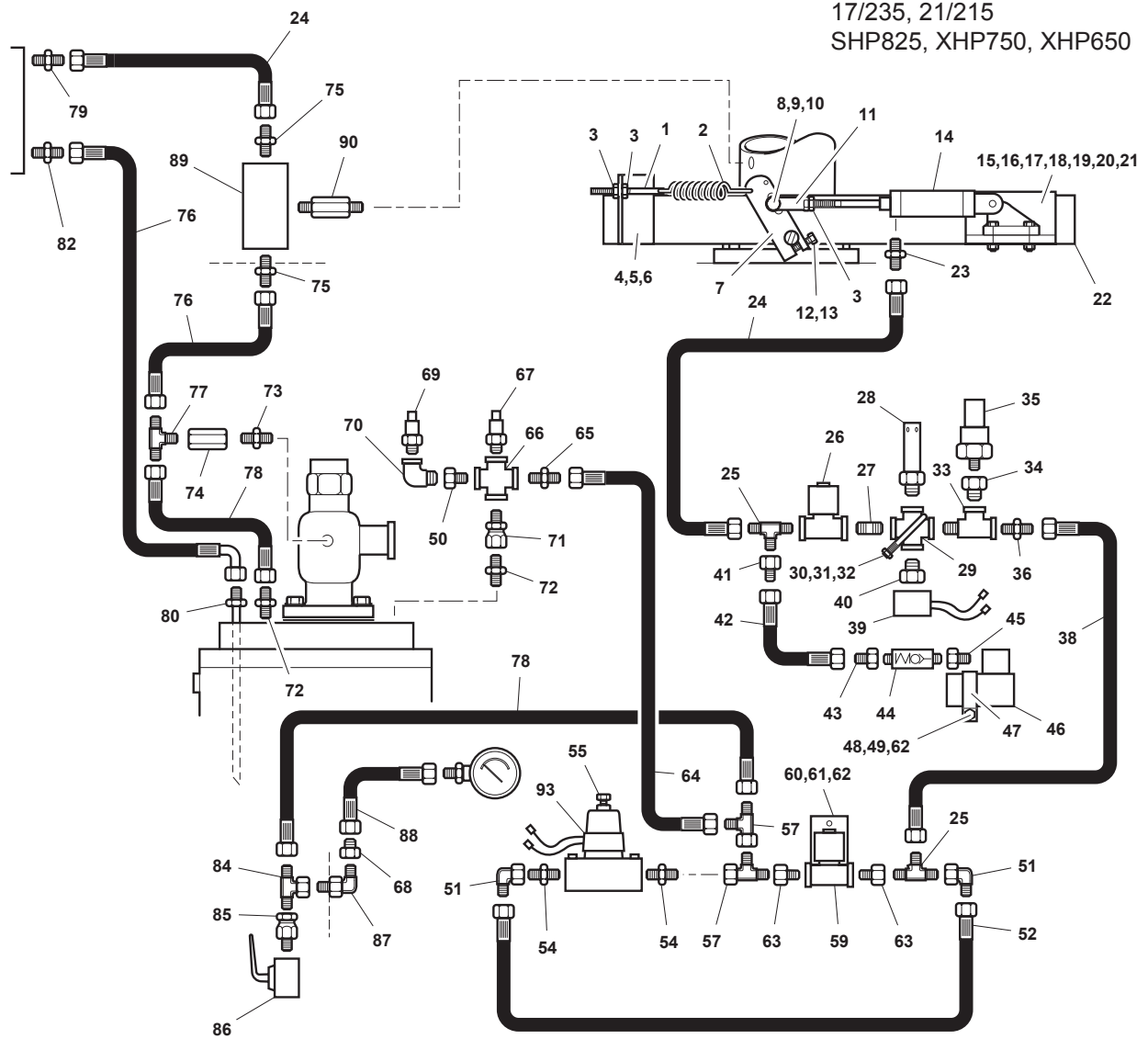
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	35072222	Valve, Unloader	1	
1	36722452	Body	1	
2	35328236	Adaptor	1	
3	95765806	O-Ring	2	
4	36722460	Housing	1	
5	35328228	Bush	1	
6	35328244	Seal	1	
7	35328251	Gasket	1	
8	35328269	Bush	1	
9	35592534	Diaphragm, Unloader Valve	1	
10	35327204	Washer	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	92912021	Rod	1	Continued.....
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	95935029	Washer	1	
13	96701461	Screw	1	
14	89249072	Cylinder Assembly	1	

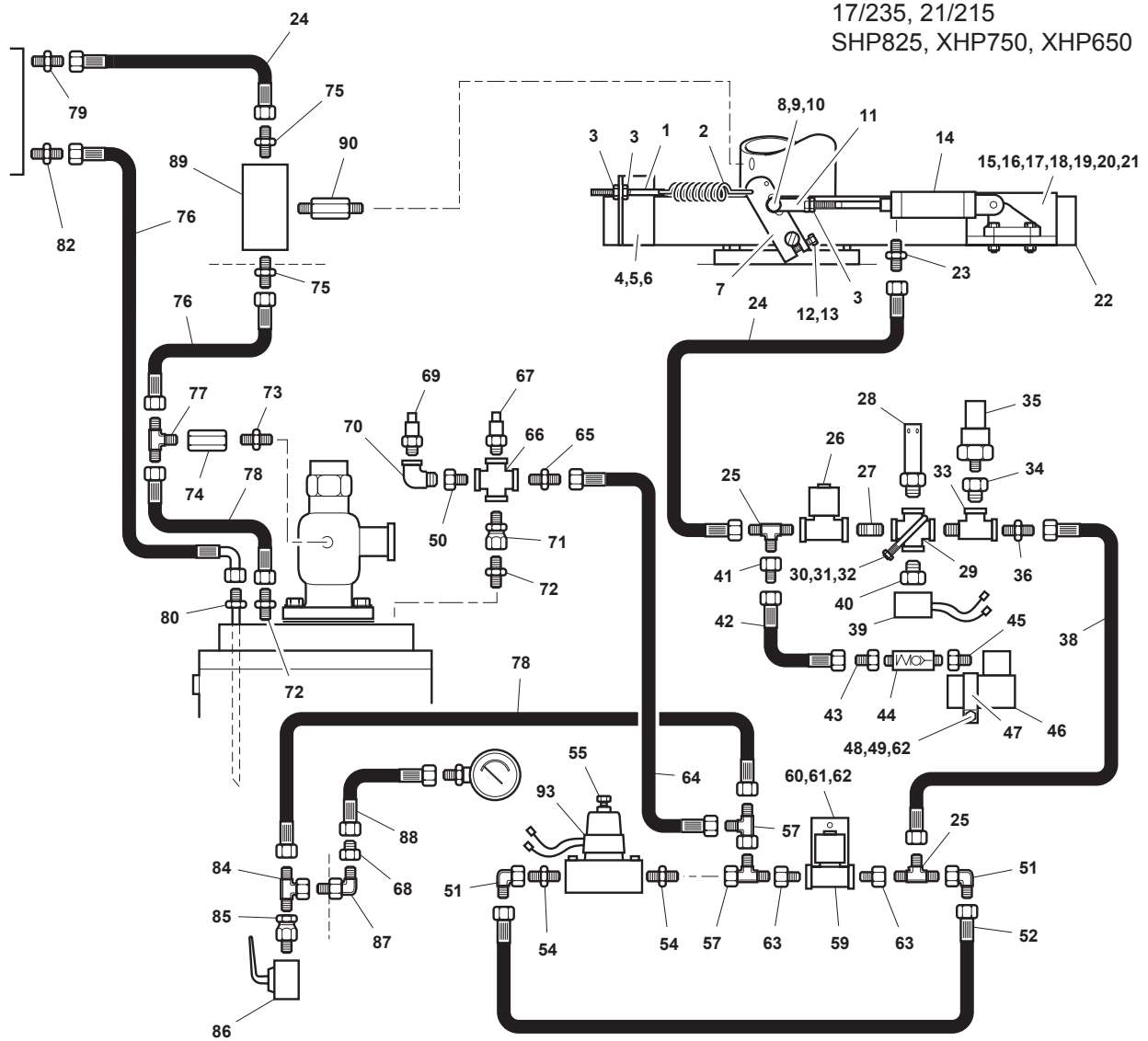
Regulation System



22560874_082_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	89202188	Bracket	1	Continued
16	92304492	Nut	4	
17	92340058	Screw	4	
18	--			
19	92304583	Washer	8	
20	36889608	Screw	2	
21	36881886	Nut	2	
22	89201768	Bracket	1	
23	92118462	Adaptor	1	
24	92079474	Hose Assembly	2	
25	35283050	Tee	2	Continued.....
26	36842318	Valve, Solenoid	1	
27	95242442	Nipple	1	

Regulation System

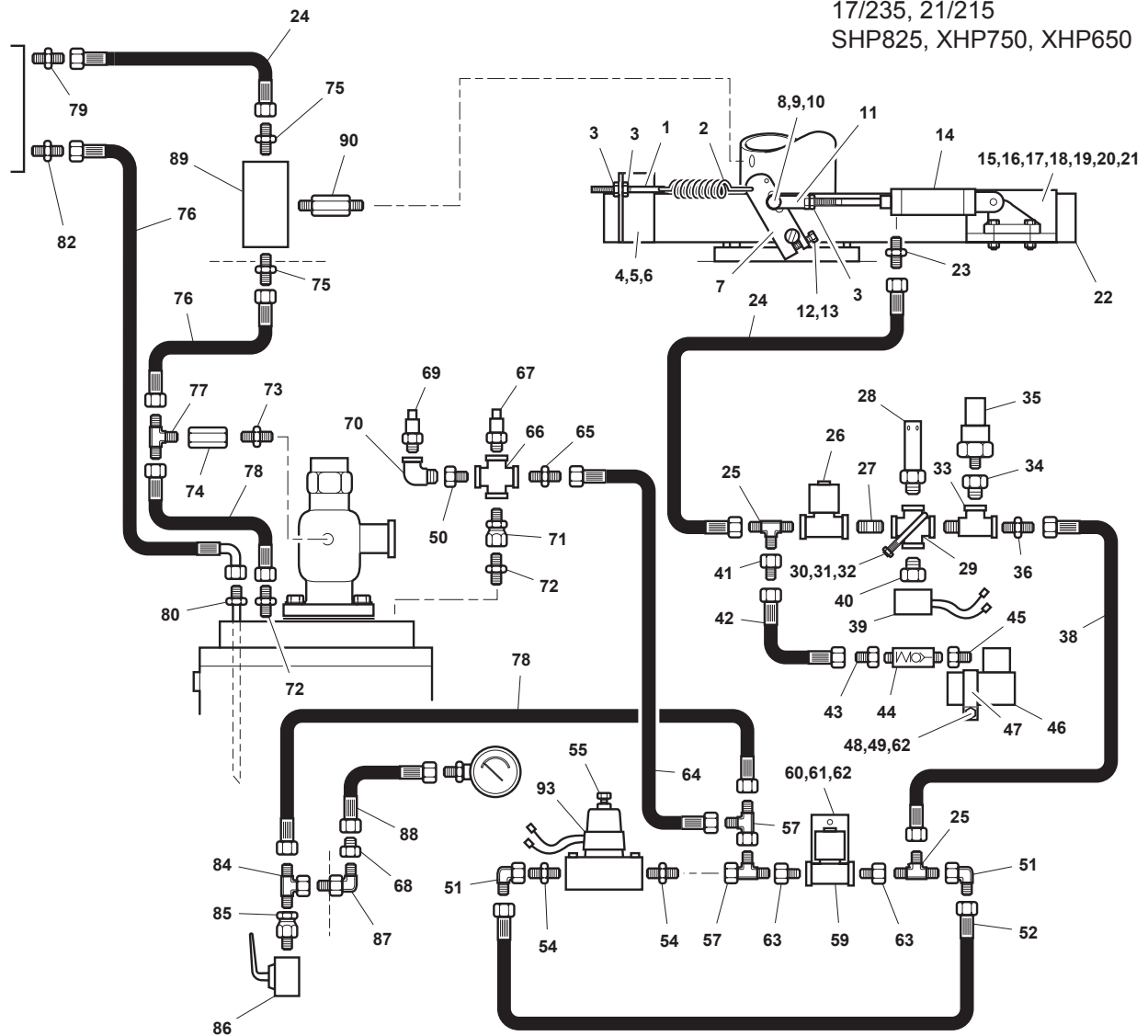


22560874_082_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28	35325133	Valve, Safety	1	Continued
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	--			
38	35284504	Hose Assembly	1	(0-100psi)
39	36841526	Heater	1	
40	35322346	Orifice	1	

Regulation System

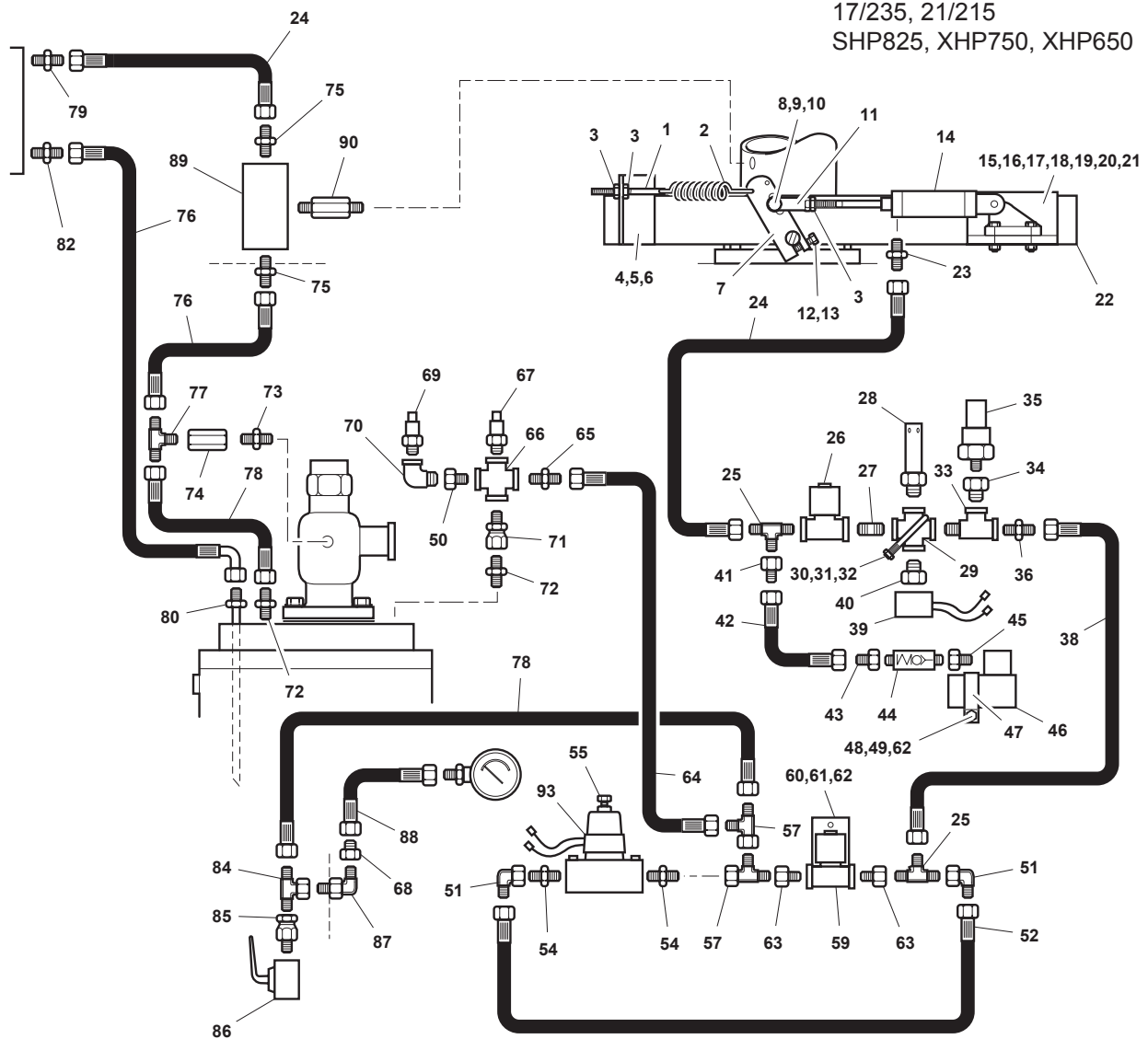
17/235, 21/215
SHP825, XHP750, XHP650



22560874_082_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
41	35306091	Adaptor	1	Continued
42	35282920	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	95953899	Reducer	1	
51	35283068	Elbow	2	
52	35323724	Hose Assembly	1	
53	--			Continued.....

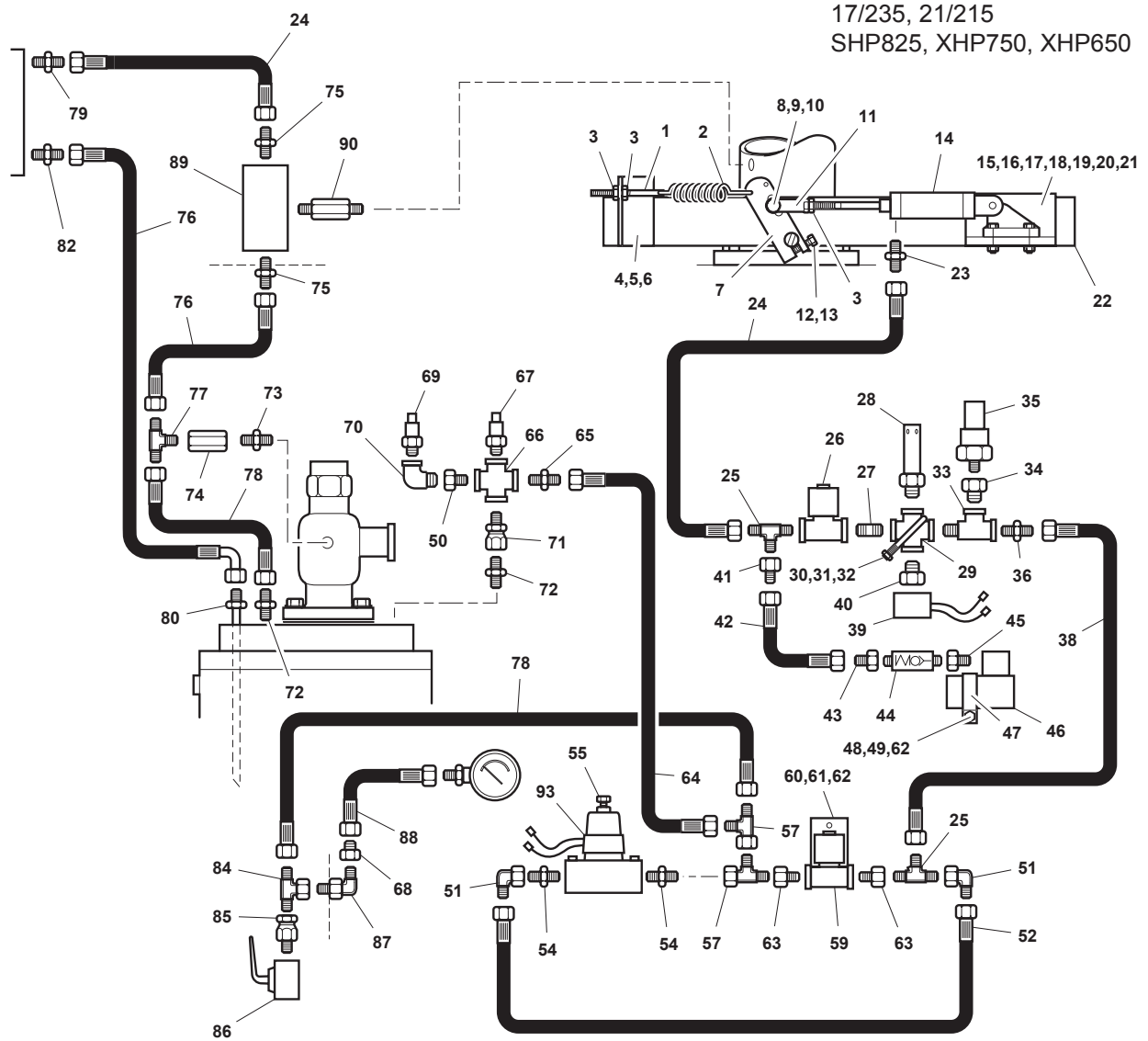
Regulation System



22560874_082_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
54	92478387	Adaptor	2	 <i>Continued</i>
55	92956093	Regulator	1	
56	--			
57	95415667	Tee	2	
58	--			
59	36842300	Valve, Solenoid	1	
60	22130314	Bracket	1	
61	36898096	Screw	1	
62	36898104	Nut	3	
63	95940748	Adaptor	2	
64	35294719	Hose Assembly	1	<i>Continued</i>
65	35290147	Adaptor	1	
66	95659280	Cross	1	
67	36898922	Sensor, Temperature	1	

Regulation System

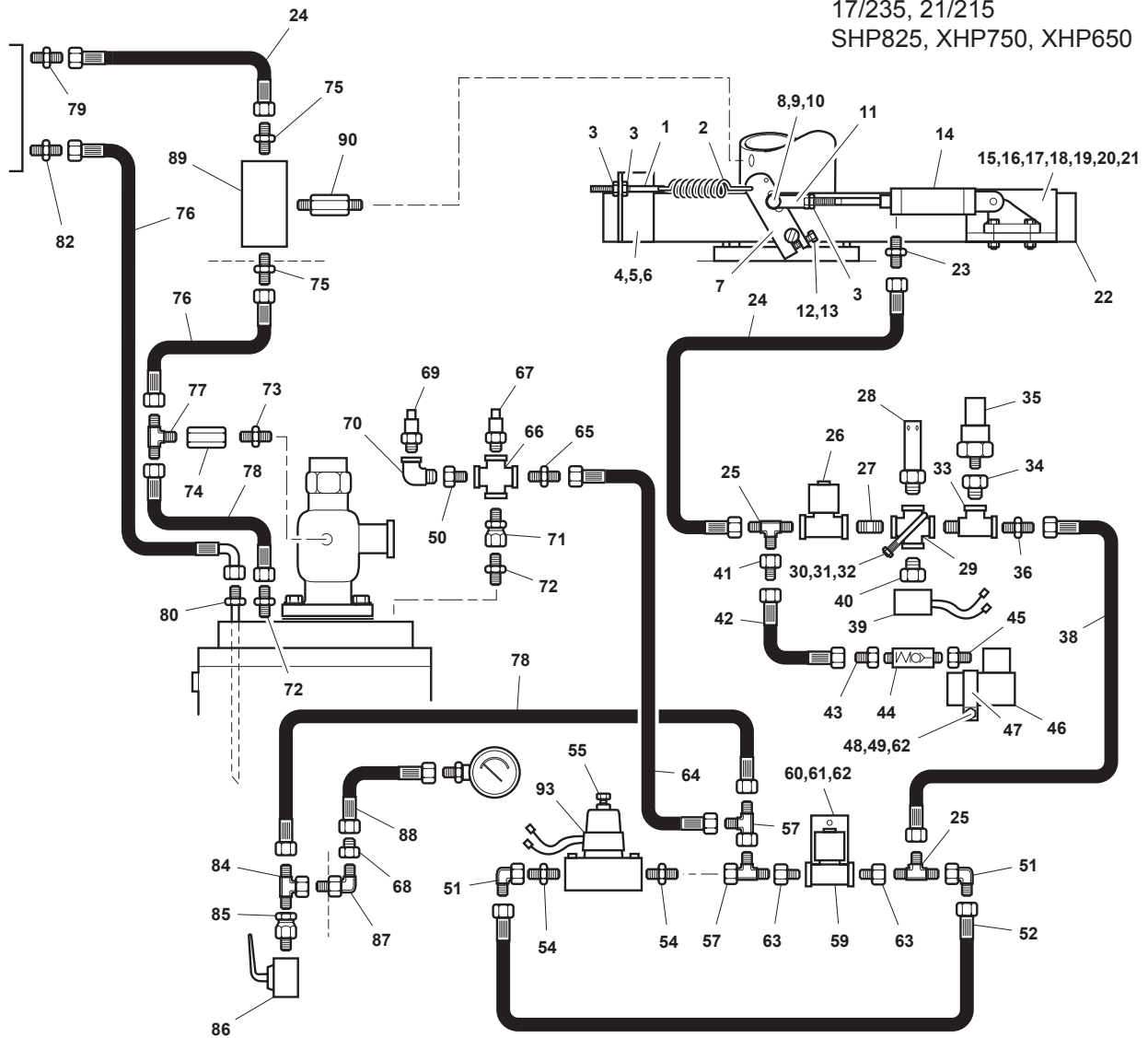


22560874_082_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
68	35306091	Adaptor	1	Continued
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	92042936	Adaptor	2	
76	54718432	Hose Assembly	2	
77	92971803	Tee	1	
78	35283282	Hose Assembly	2	
79	95938114	Adaptor	1	Continued.....
80	22231476	Scavenge Tube	1	

Regulation System

17/235, 21/215
SHP825, XHP750, XHP650

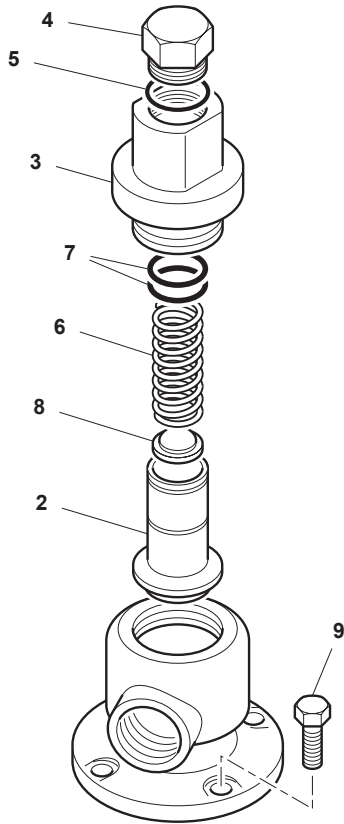


22560874_082_11/04_A

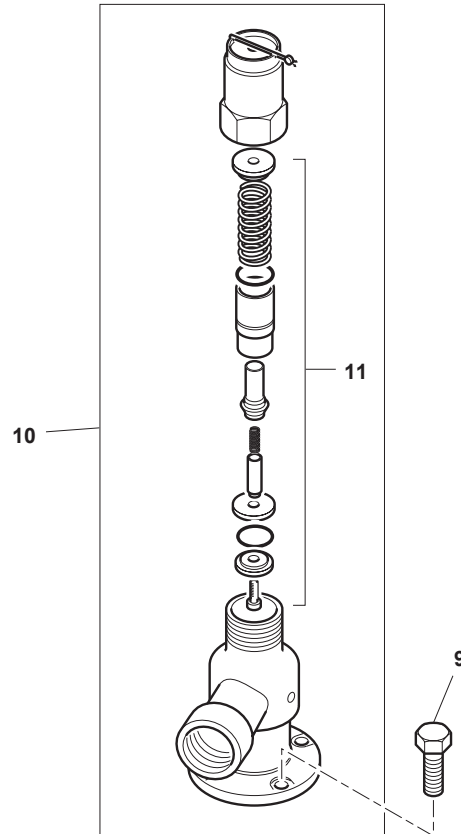
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
81	--			Continued
82	92955244	Adaptor, Orifice	1	
83	35283282	Hose Assembly	1	
84	35283092	Tee	1	
85	35367846	Adaptor	1	
86	35324839	Valve, Ball	1	
87	36852499	Elbow	1	
88	35283241	Hose Assembly	1	
89	92892959	Valve, Auto Blowdown	1	
90	92971811	Adaptor, Orifice	1	
91	92042936	Adaptor	1	
92	92079479	Hose Assembly	1	
93	36854677	Heater	1	

Regulation System

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060



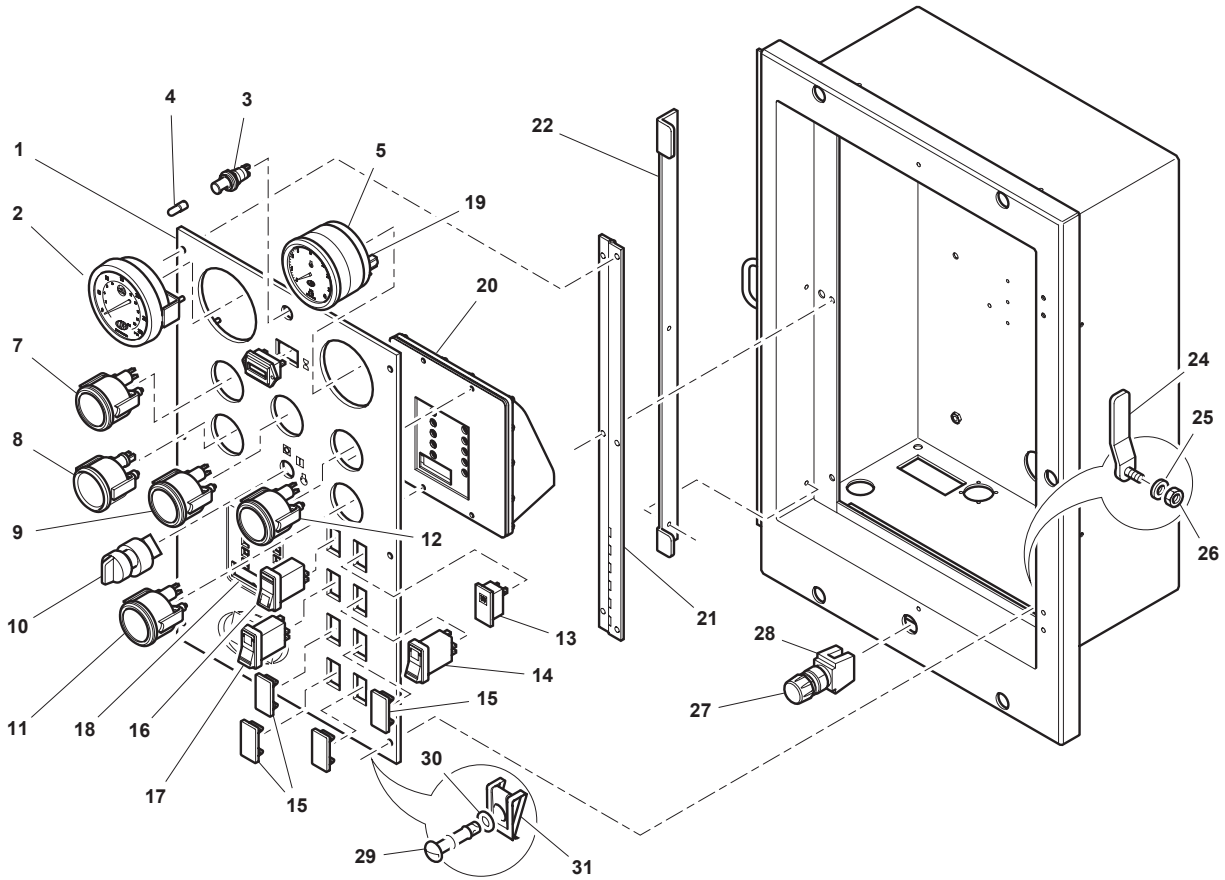
17/235, 21/215
SHP825, XHP750, XHP650



22560874_089_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-8	54571765	Valve, Minimum Pressure 9/230, 9/270, 9/300, 12/235 VHP750, MHP825, HP935, XP950, XP1060	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 17/235, 21/215, SHP825, XHP750, XHP650	1	
11	92951075	Kit, Minimum Pressure Valve 17/235, 21/215, SHP825, XHP750, XHP650	1	

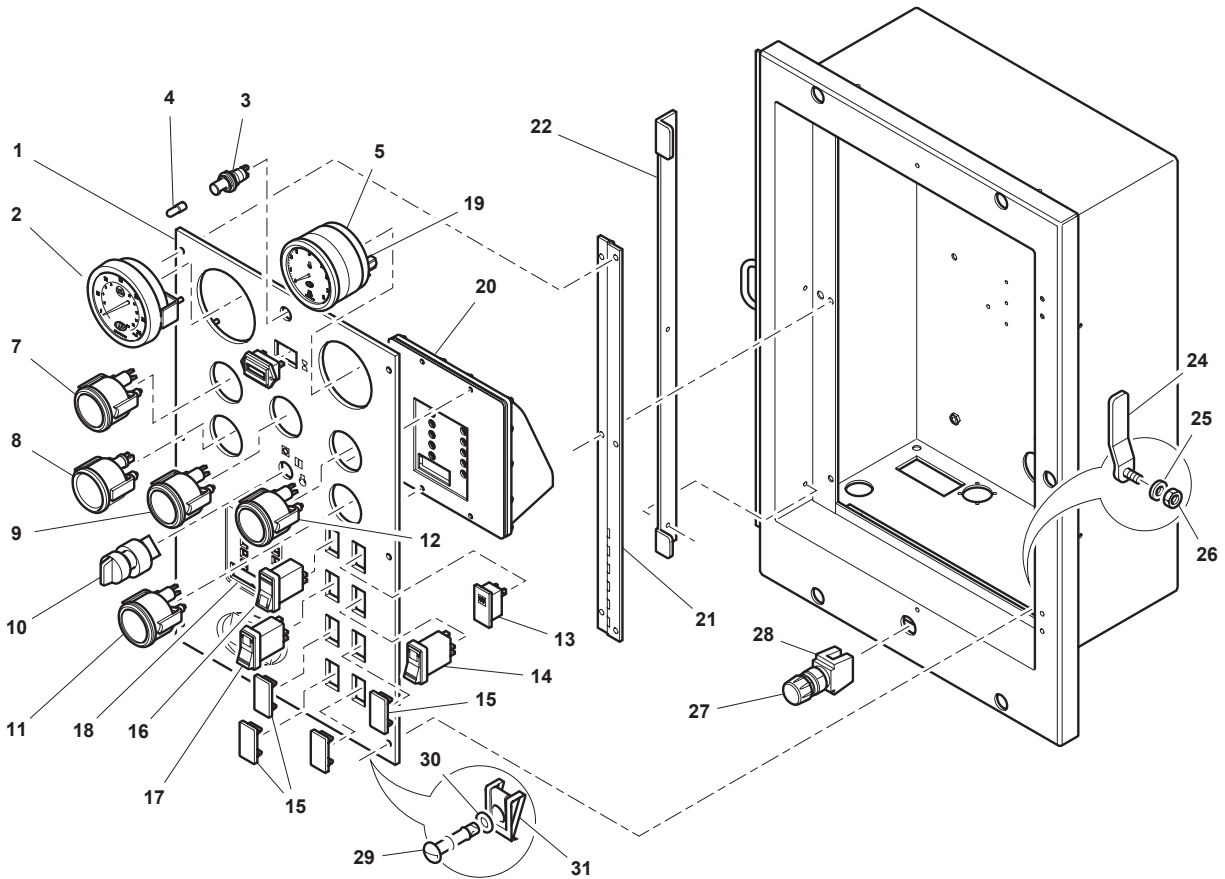
Instrumentation/Electrical System



22560874_090_11/04_A

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	22105613	Gauge, Temperature (Discharge)	1	S/N 332157 - 336844
	35604115	Gauge, Temperature (Discharge)	1	S/N 336845 - 339151
	22327266	Gauge, Temperature (Discharge)	1	S/N 339152 - >
8	36841153	Gauge, Voltmeter	1	
9	22050991	Gauge, Fuel	1	
10	22134118	Switch, Start	1	
11	22277057	Gauge, Pressure	1	S/N 332157 - 336844
	36870590	Gauge, Pressure	1	S/N 336845 - 339151
	22277057	Gauge, Pressure	1	S/N 339152 - >
12	22105621	Gauge, Water Temperature	1	S/N 332157 - 336844
	35604115	Gauge, Water Temperature	1	S/N 336845 - 339151
	22327266	Gauge, Water Temperature	1	S/N 339152 - >
13	22050553	Light Module	1	Continued.....

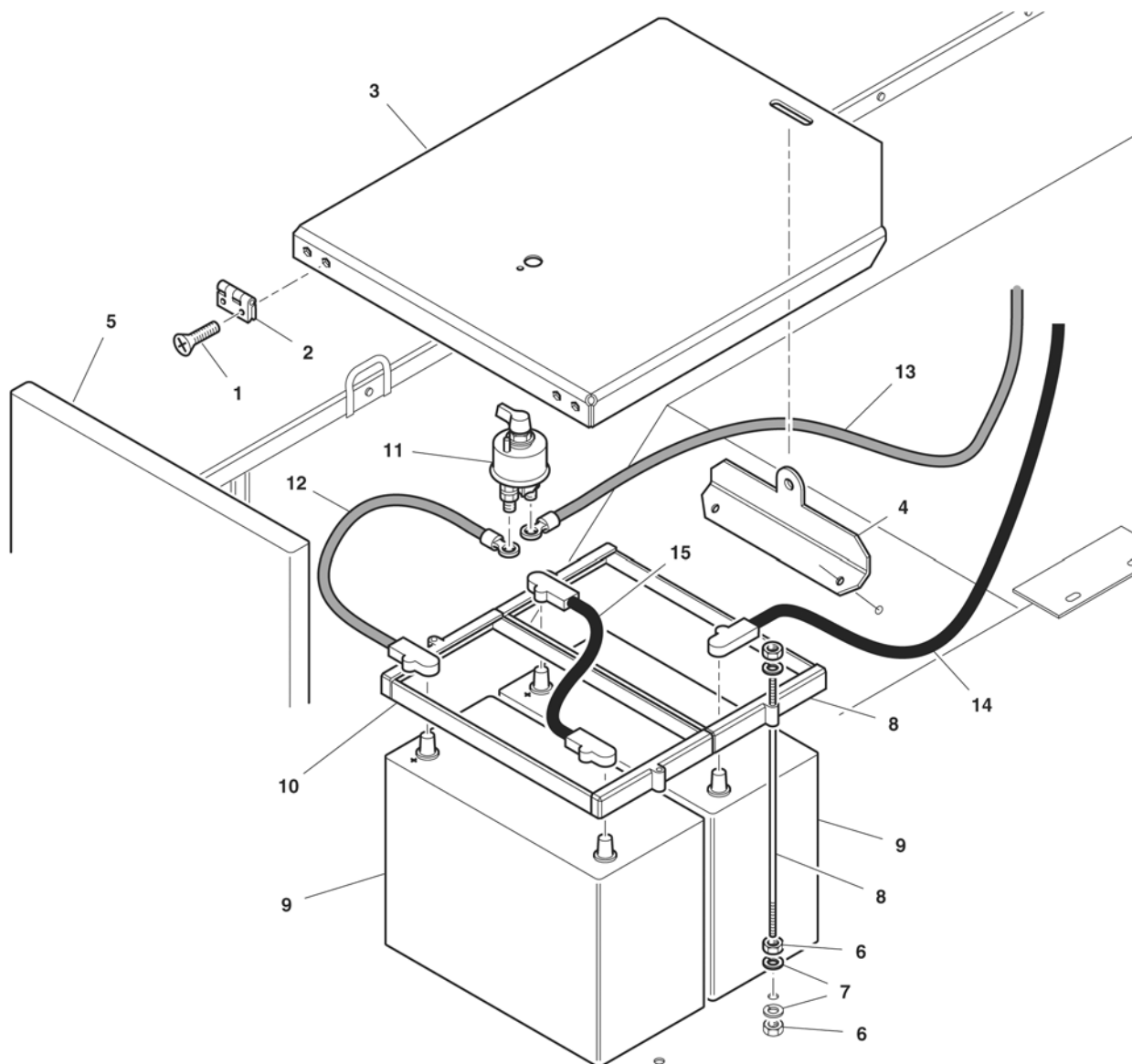
Instrumentation/Electrical System



22560874_090_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053896	Switch, Light	1	Continued
15	22054142	Cover	4	
16	22054076	Switch, Push after Warm Up	1	
17	22054050	Switch, Heater	1	
18	22055800	Decal	1	
19	22054159	Nut	2	
20	22173579	Wedge Controller	1	
21	36840908	Hinge	1	
22	22105134	Support	1	
23	--			
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	
31	35314582	Receptacle, Fastener	3	

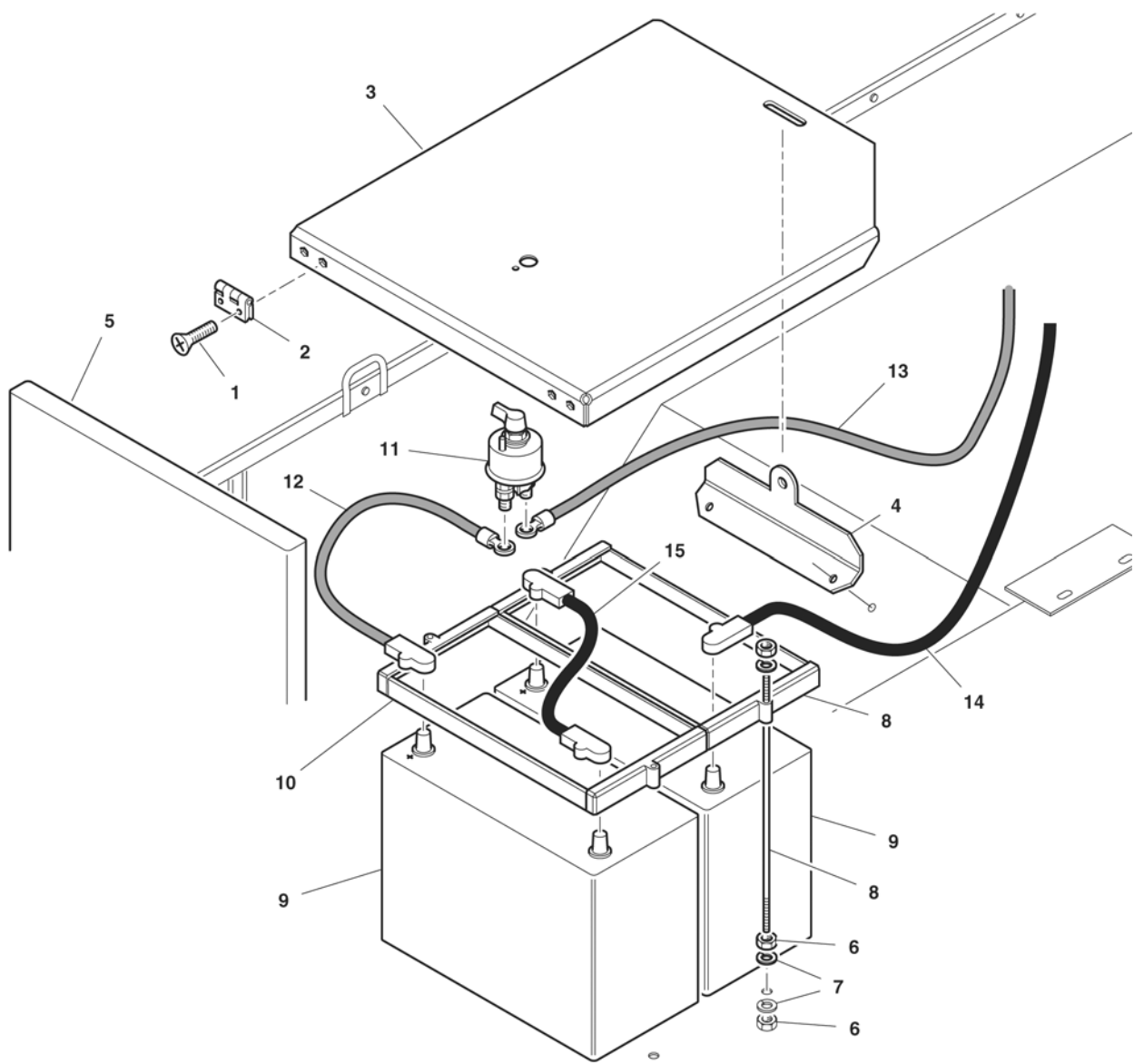
Instrumentation/Electrical System



22560874_092_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96745807	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	Continued.....
6	92398106	Nut	12	

Instrumentation/Electrical System

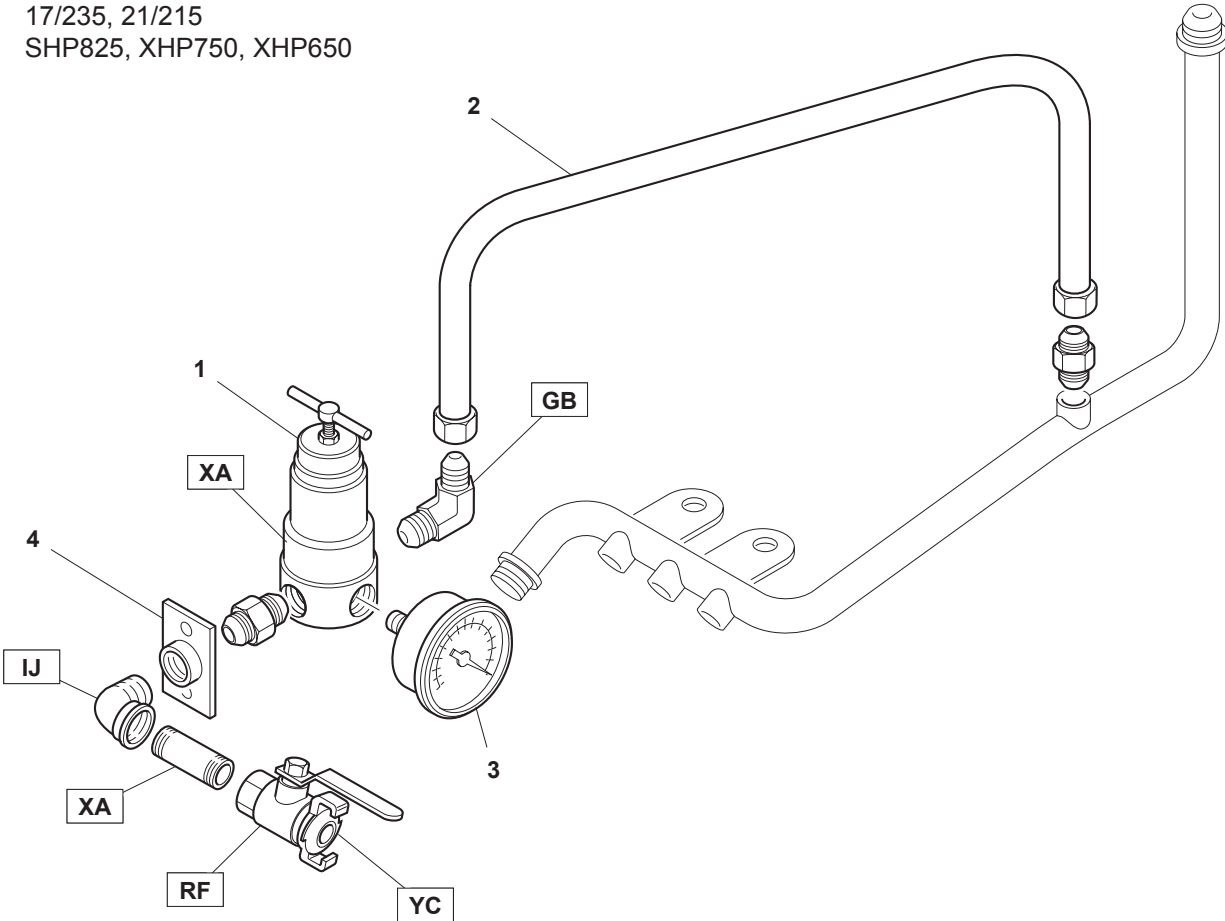


22560874_092_11/04_A

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	1	
13	54658331	Cable	1	
14	54658323	Cable	1	
15	35258789	Cable	1	

Option - Pressure Reducer

17/235, 21/215
SHP825, XHP750, XHP650

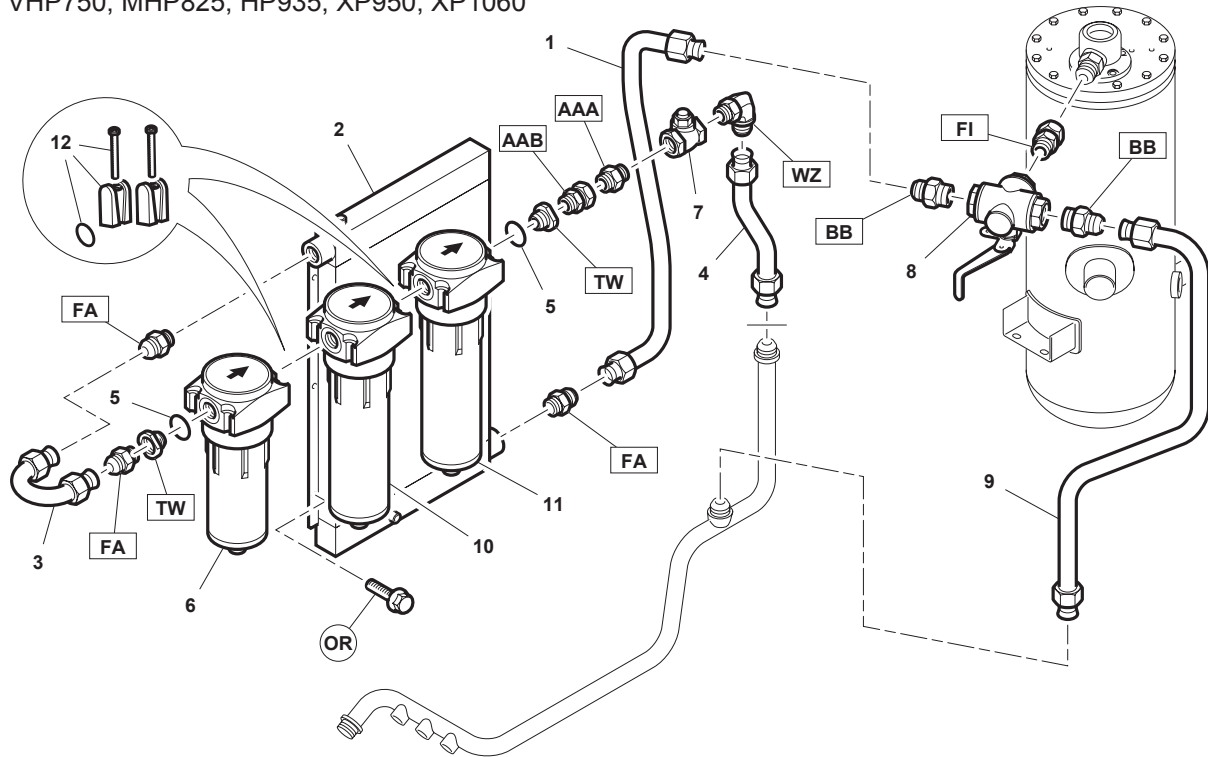


22560874_094_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92956952	Valve, Pressure Reducer	1	
2	54575972	Tube Assembly	1	
3	92957091	Gauge, Pressure	1	
4	92956945	Adaptor	1	

Option - IQ LP

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

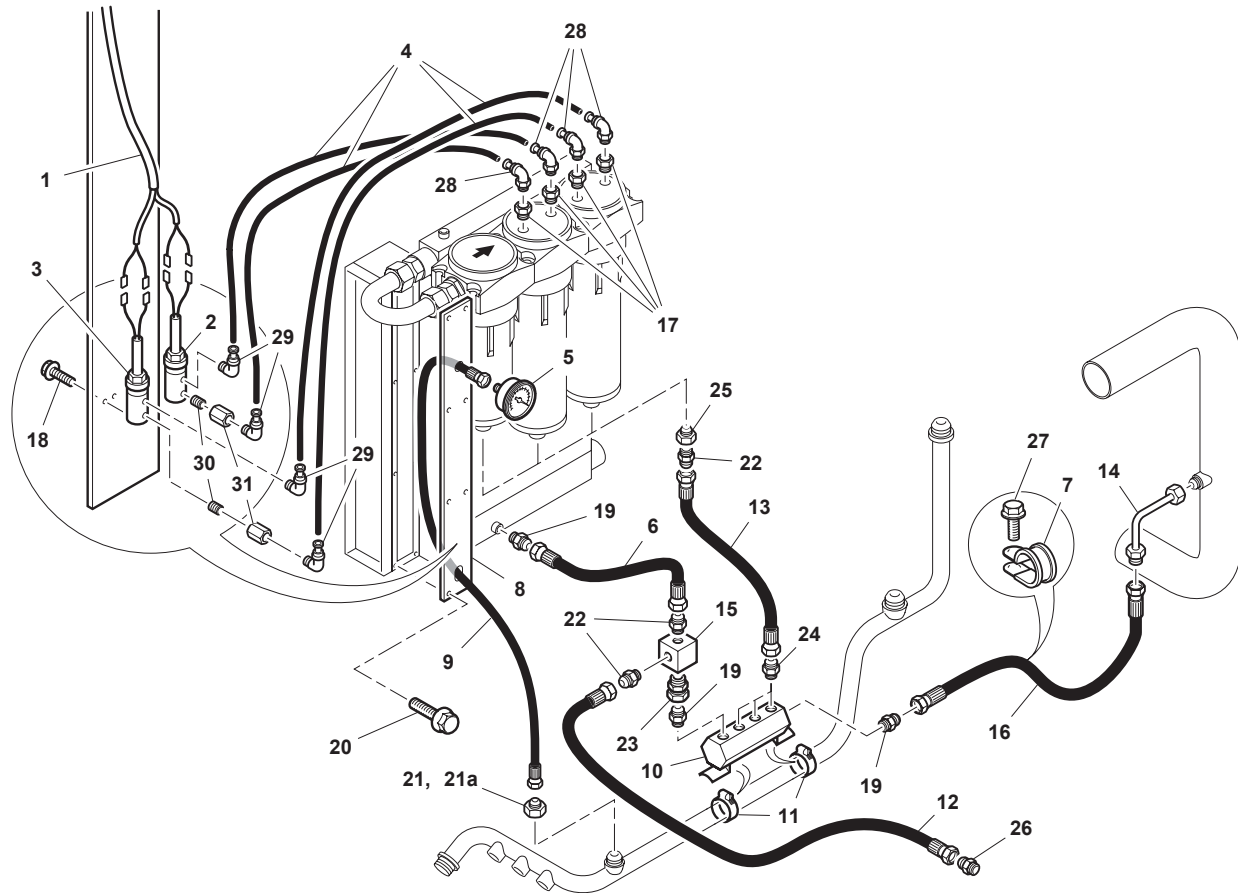


22560874_095_11/04_A

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	91198671	Kit - Fixing	2	

Option - IQ

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

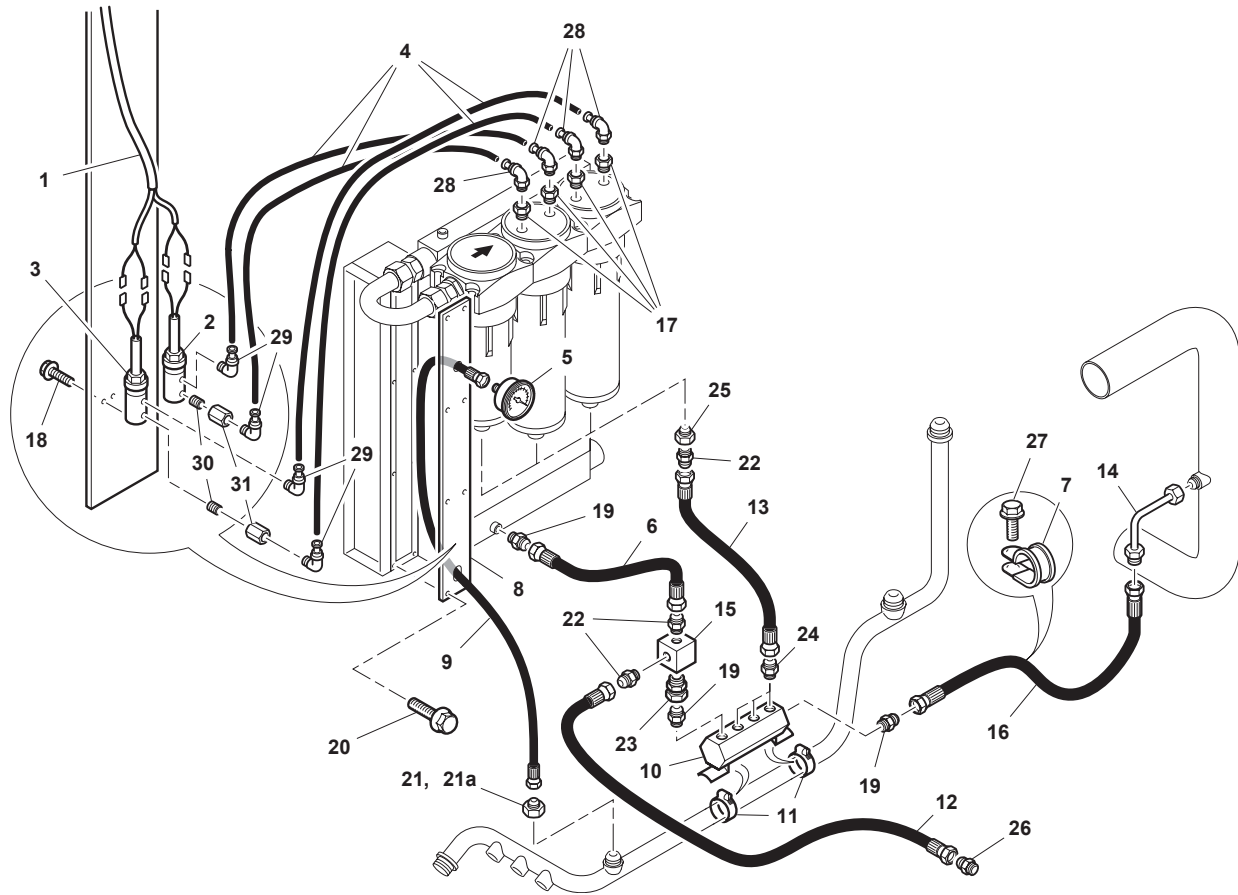


22560874_096_11/04_A

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	35225093	Clip, Retaining	1	
8	55571450	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

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060



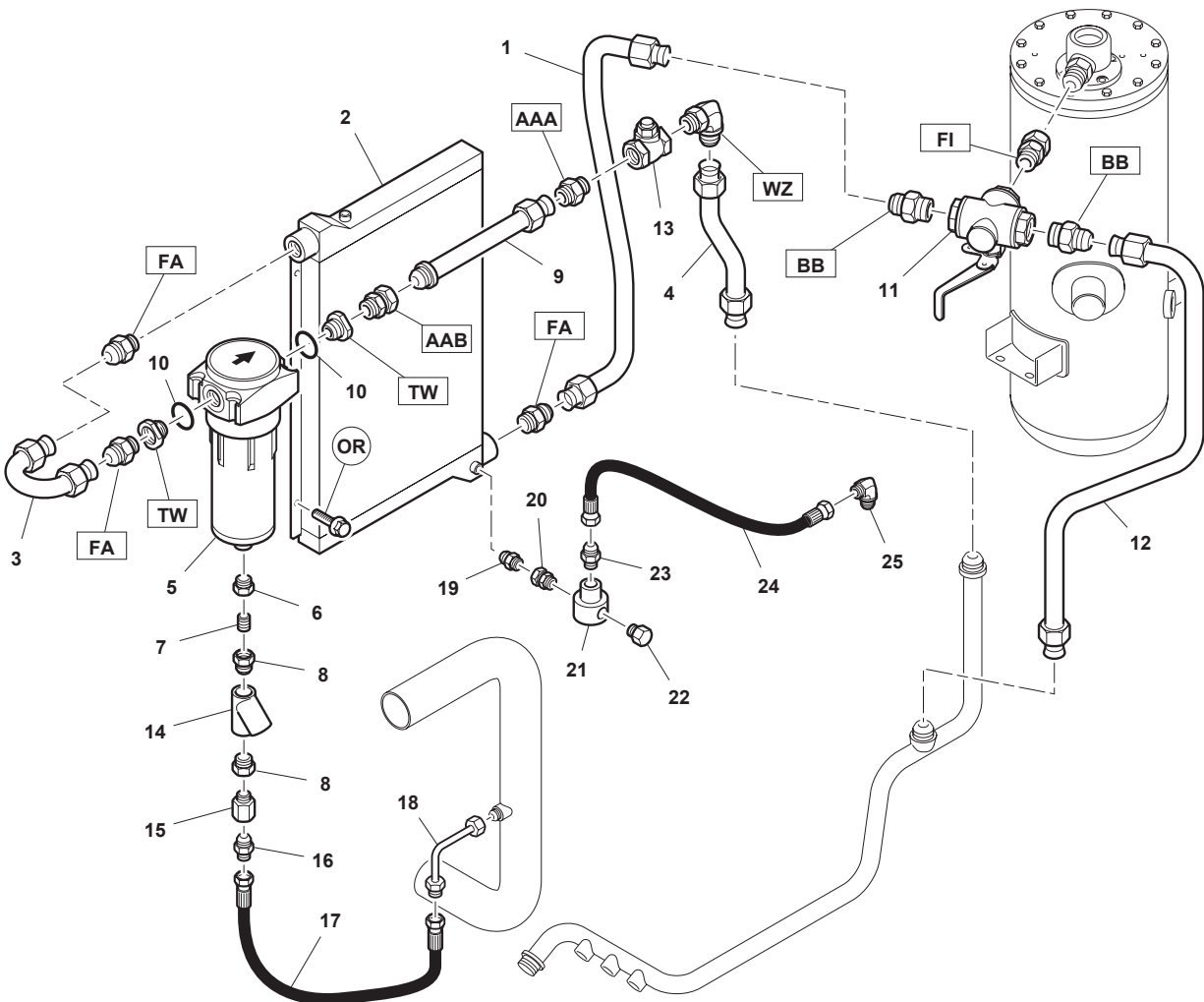
22560874_096_11/04_A

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	5	
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 - Oil/Air Piping (Aftercooler)

9/230, 9/270, 9/300, 12/235

VHP750, MHP825, HP935, XP950, XP1060

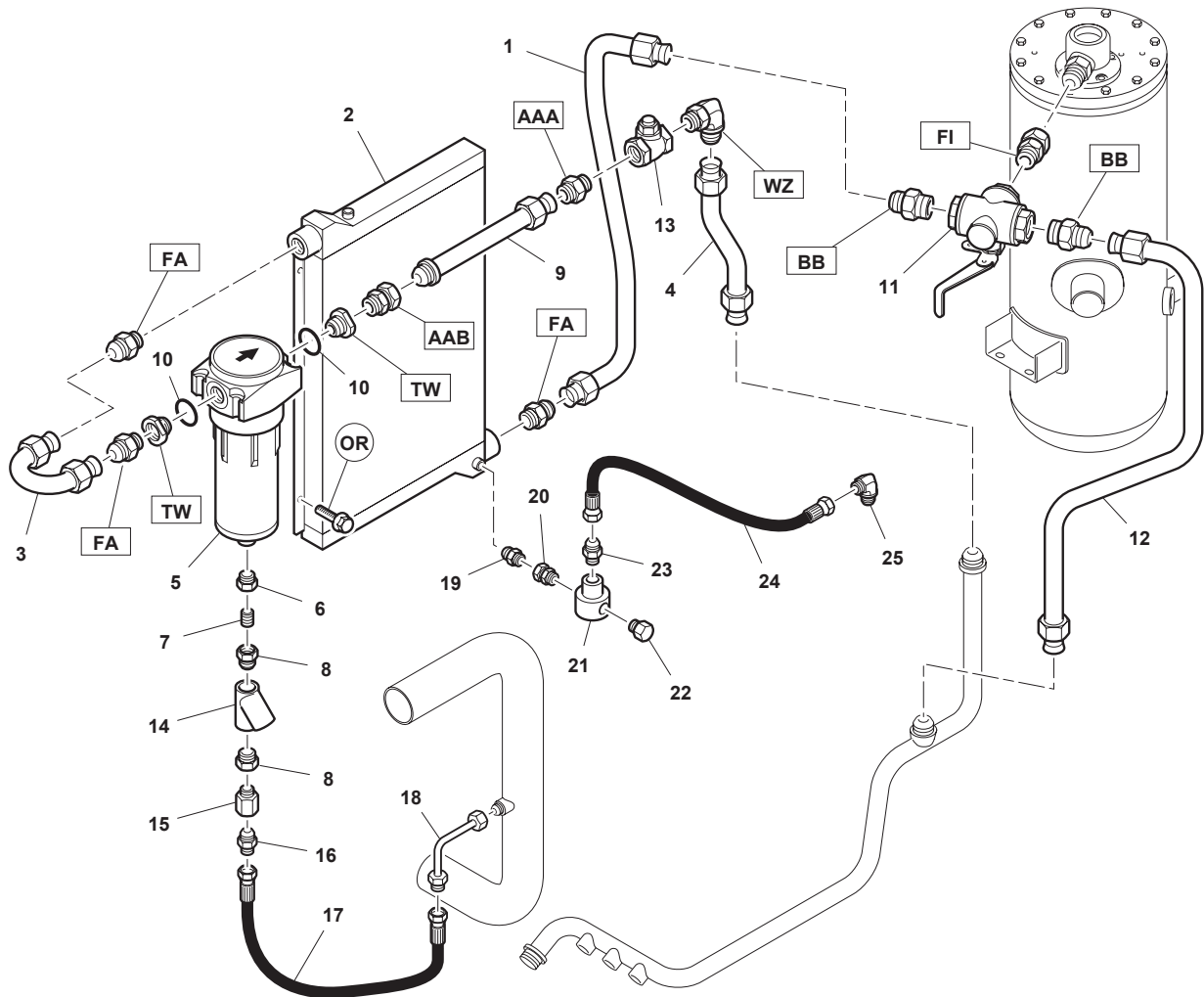


22560874_098_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	<i>Continued.....</i>
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	

Option - Oil/Air Piping (Aftercooler)

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935, XP950, XP1060

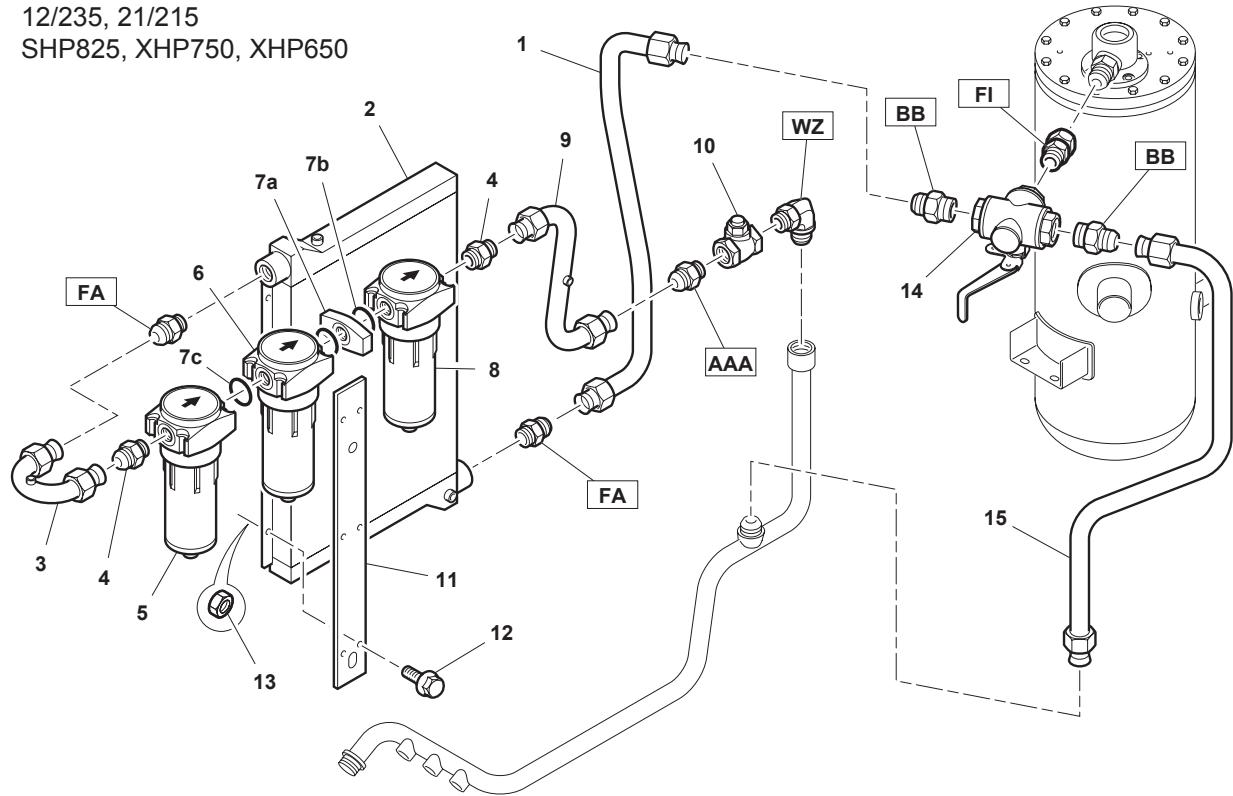


22560874_098_11/04_A

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	35279934	Connector	1	
24	35283081	Hose Assembly	1	
25	35279934	Elbow	1	

Option - IQ Dual Filter

12/235, 21/215
SHP825, XHP750, XHP650

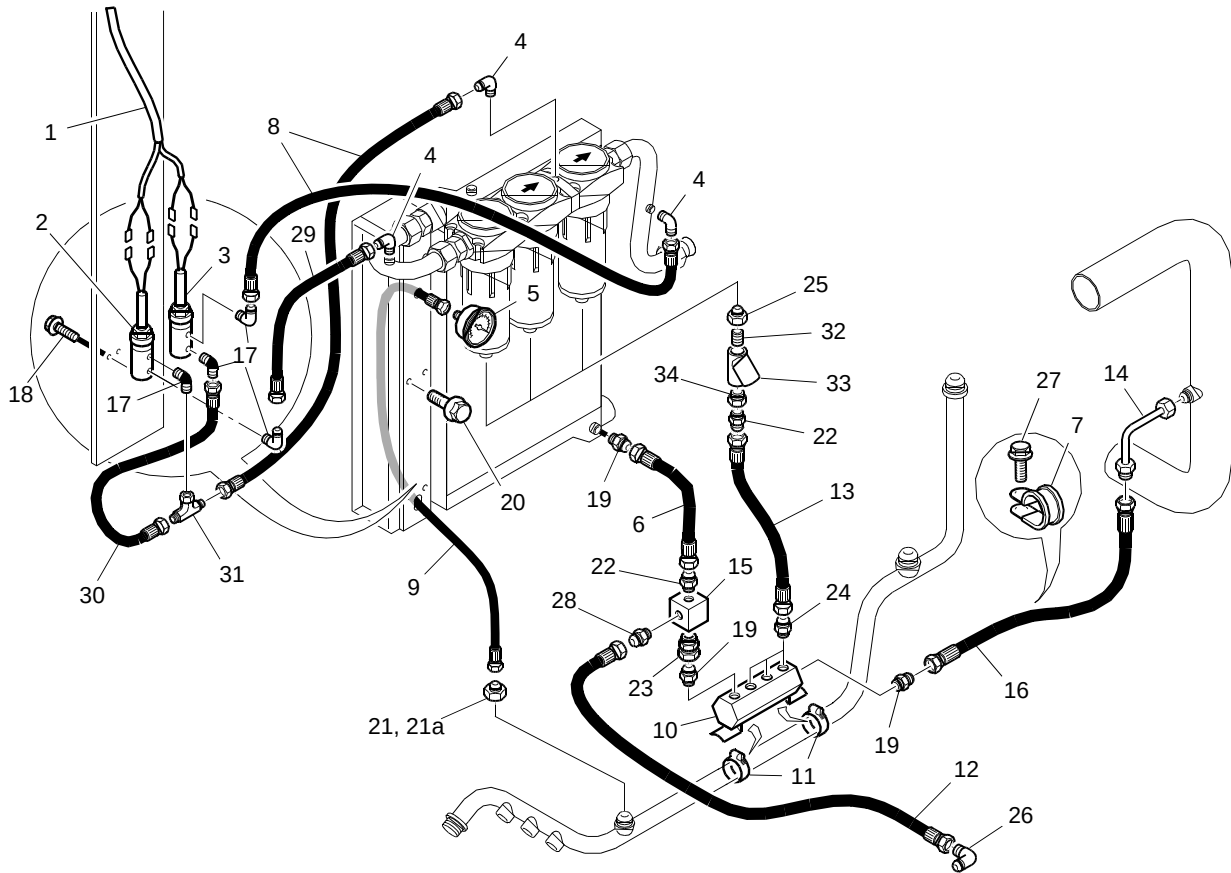


22560874_100_11/04_A

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	
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	
9	22290019	Tube Assembly	1	
10	54635586	Valve, Check	1	
11	54571450	Plate, Aftercooler	1	
12	36889608	Screw	6	
13	36881886	Nut	6	
14	54576079	Valve	1	
14a	54592001	Plate, Valve	1	
14b	95928321	Washer	2	
14c	54591961	Handle, Valve	1	
14d	96702055	Screw	1	
15	54576020	Tube Assembly	1	

Option - IQ Dual Filter

12/235, 21/215
SHP825, XHP750, XHP650

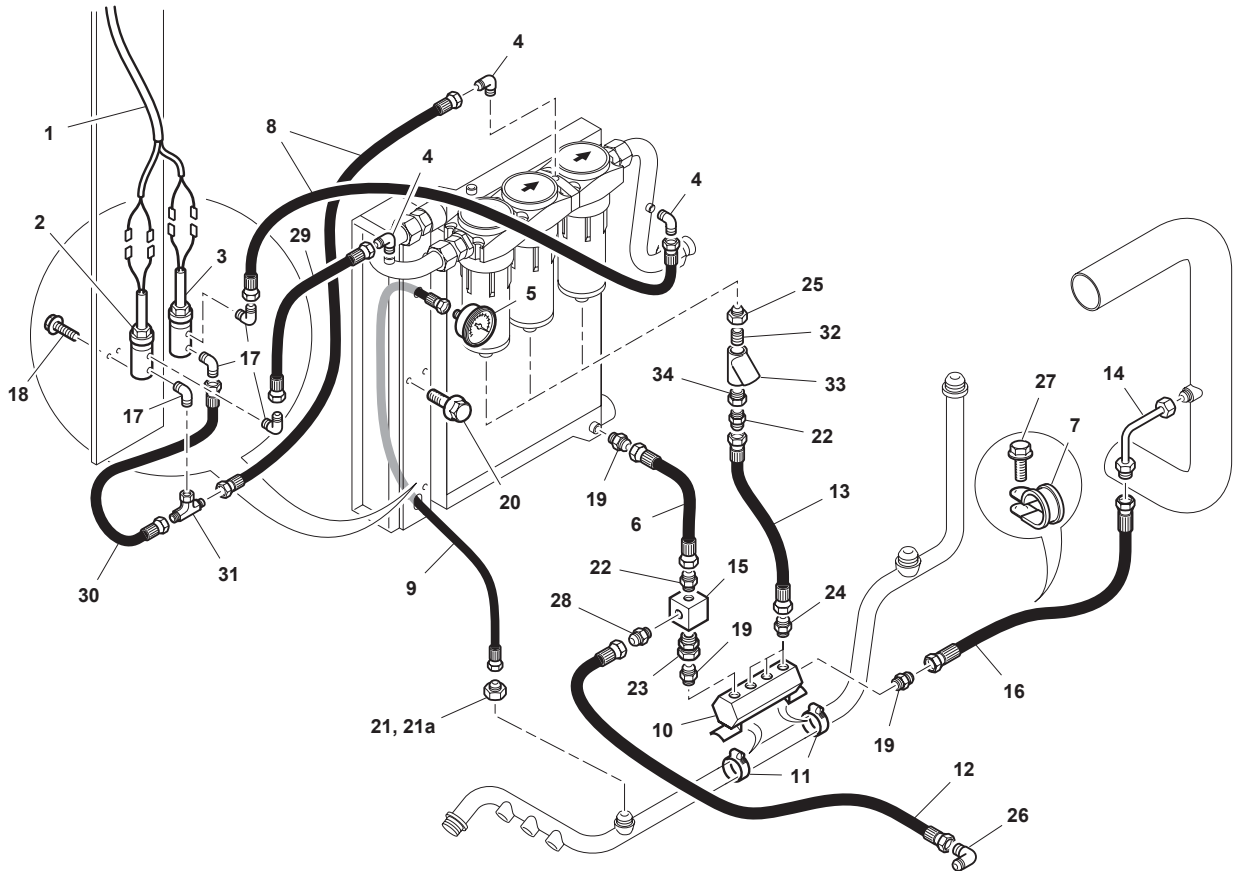


22560874_101_11/04_A

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	35225093	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

12/235, 21/215
SHP825, XHP750, XHP650

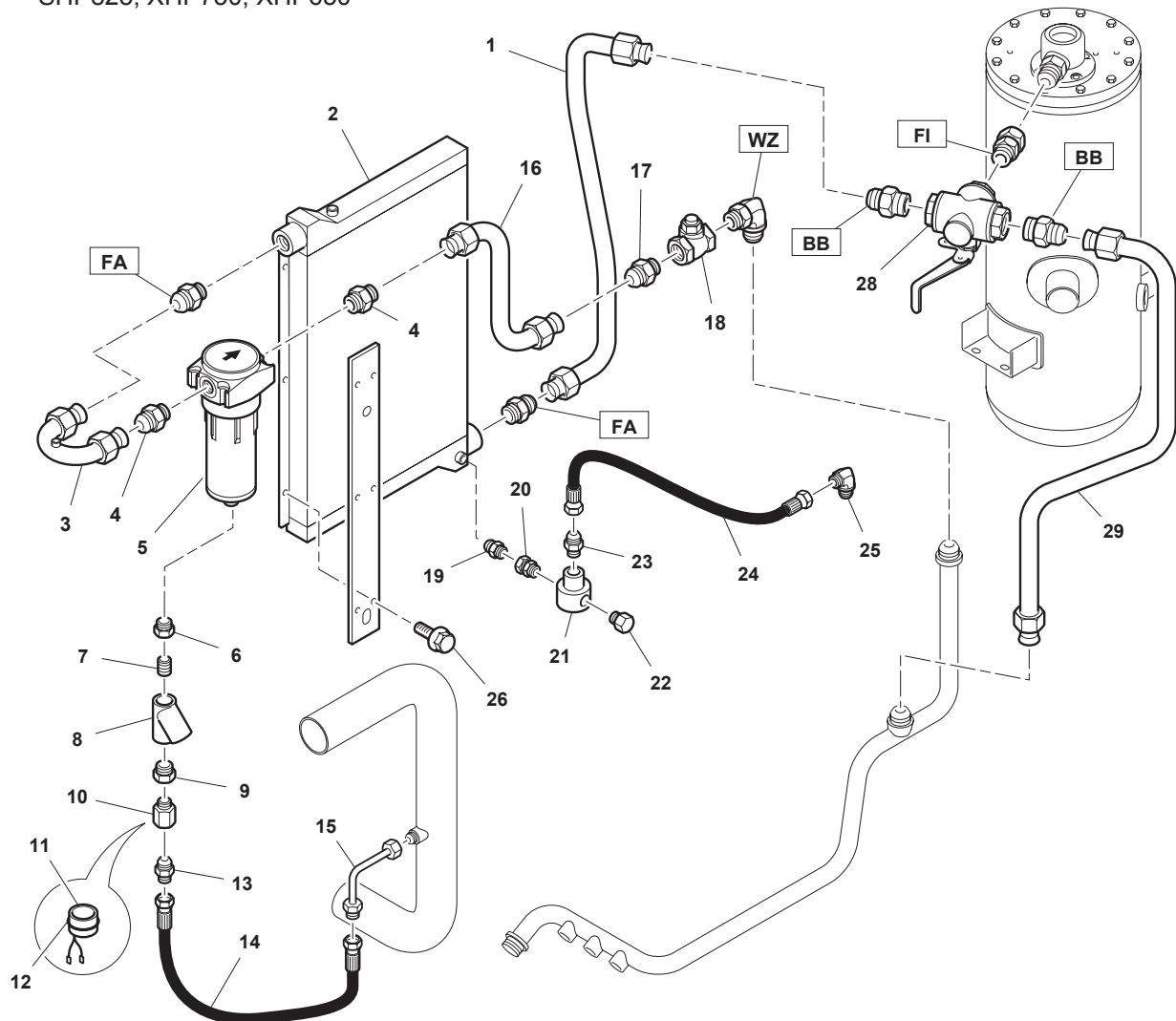


22560874_101_11/04_A

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	35283472	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	

Option - Oil/Air Piping (Aftercooler)

12/235, 21/215
SHP825, XHP750, XHP650

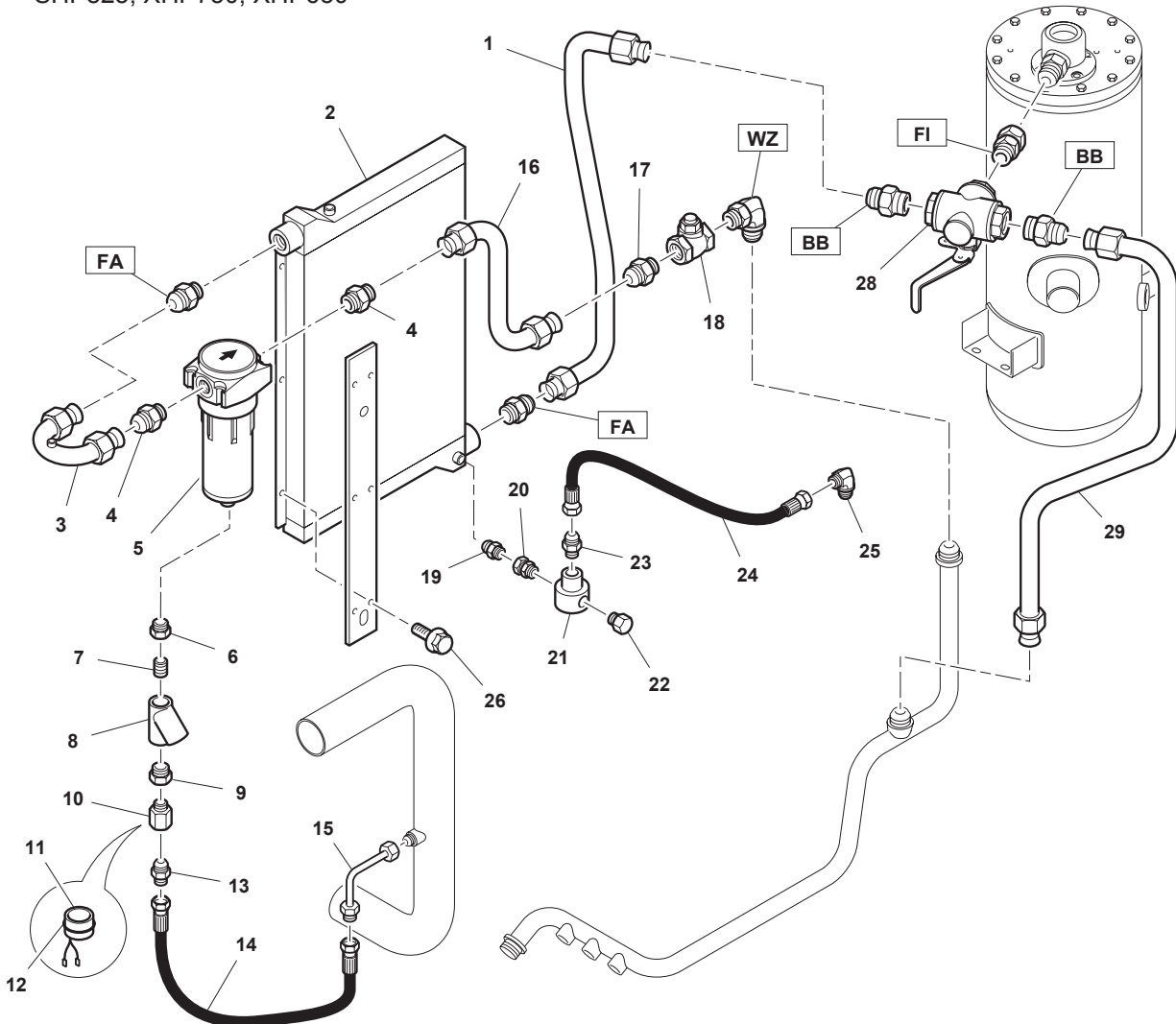


22560874_103_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	35335124	Connector	2	
5	91112201	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	<i>Continued.....</i>

Option - Oil/Air Piping (Aftercooler)

12/235, 21/215
SHP825, XHP750, XHP650

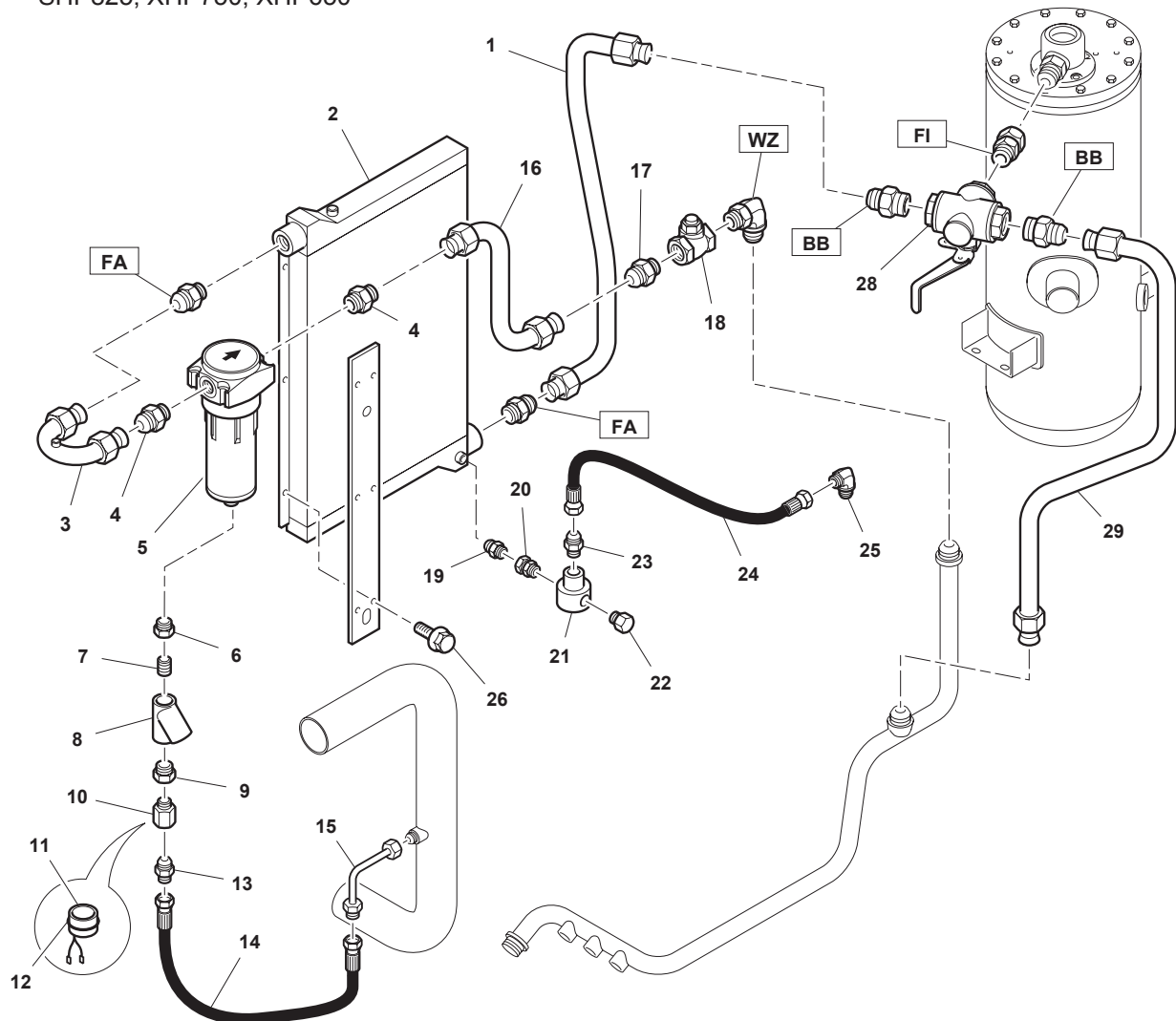


22560874_103_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	36847853	Tie	1	Continued
13	35284082	Connector	1	
14	22285795	Hose Assembly	1	
15	54578869	Tube Assembly	1	
16	22290027	Tube Assembly	1	
17	92756832	Connector	2	
18	54635586	Valve, Check	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379	Valve, Blowdown	1	
22	35248319	Orifice	1	Continued.....

Option - Oil/Air Piping (Aftercooler)

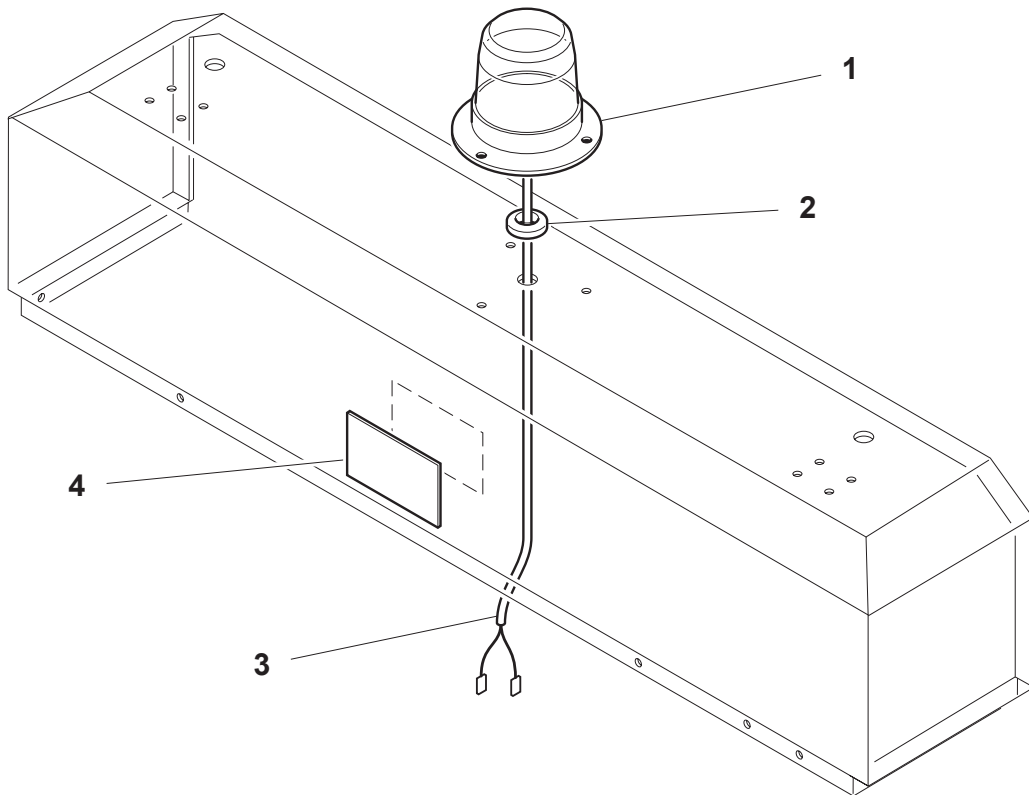
12/235, 21/215
SHP825, XHP750, XHP650



22560874_103_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
23	35283472	Connector	1	Continued
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	
28b	95928321	Washer	2	
28c	54591961	Handle, Valve	1	
28d	96702055	Screw	1	
29	54576020	Tube Assembly	1	

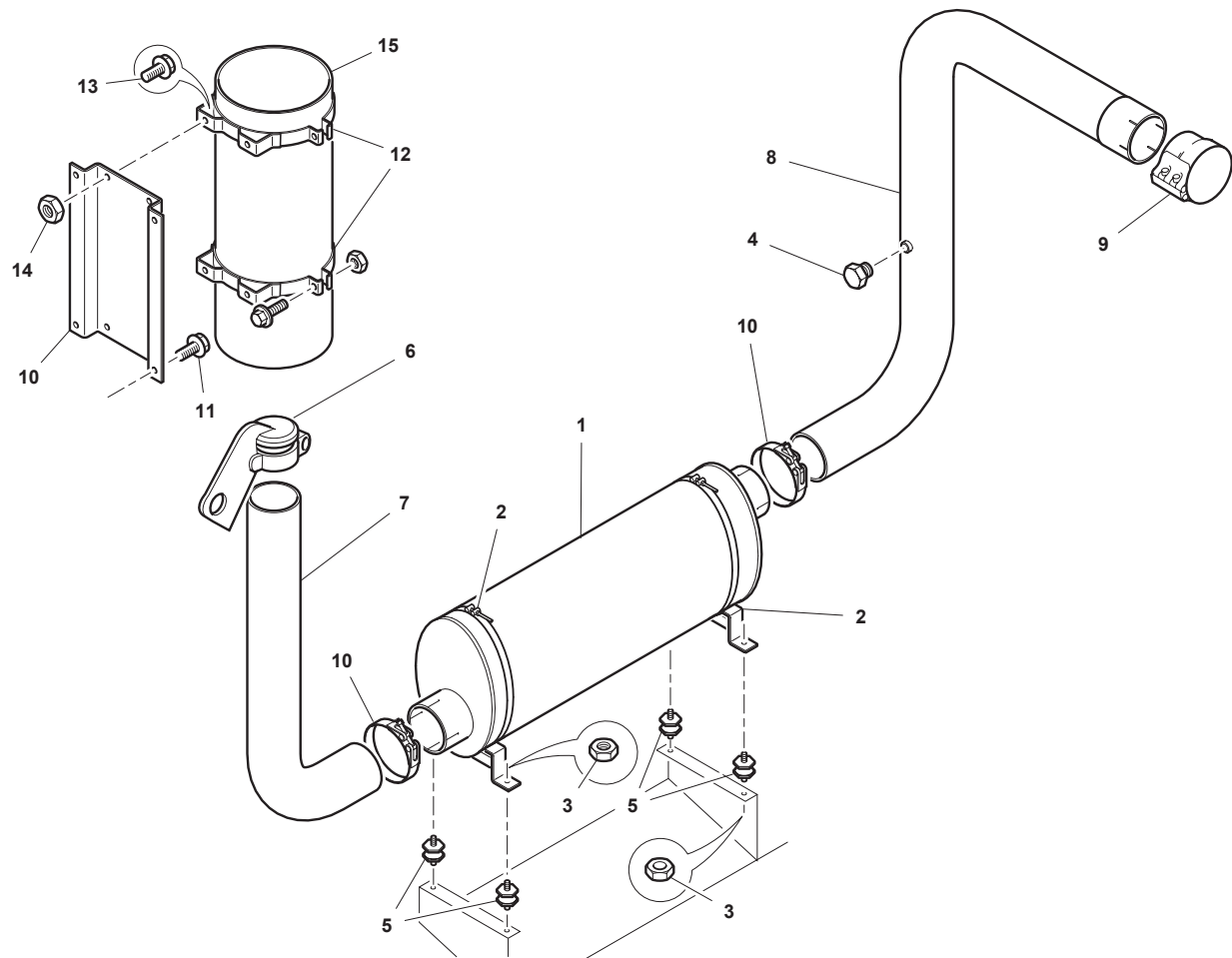
Option - Flashing Light (Low Fuel Shutdown)



22560874_106_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22254403	Light	2	* Not Illustrated
2	35285162	Bulb, Light	2	
3	22255137	Harness	1	
4	89299382	Decal	1	
*5	93524007	Base, Cable Tie	10	
*6	92434315	Tie, Cable	10	

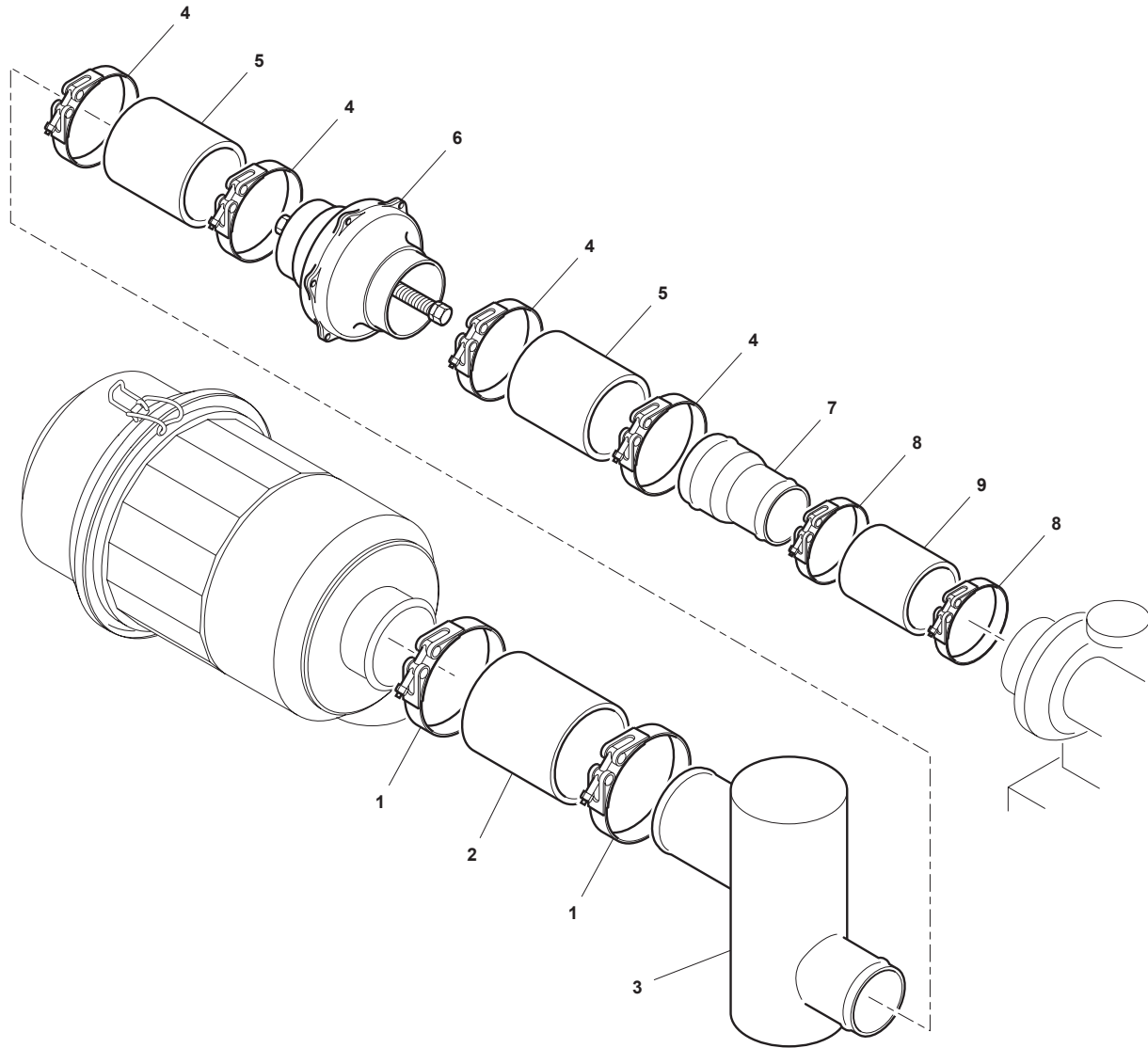
Option - Spark Arrestor



22560874_107_11/04_A

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	89299242	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	

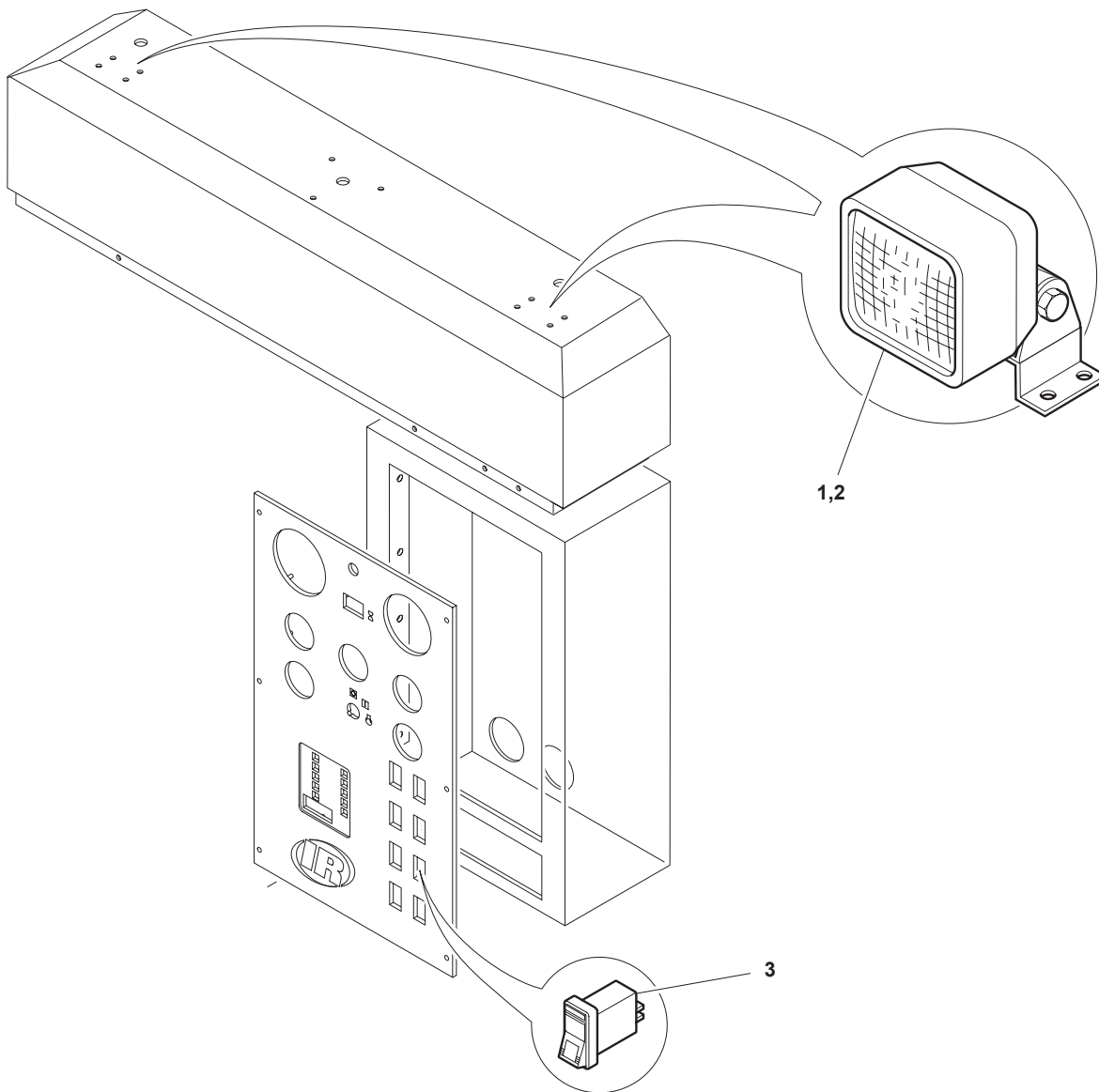
Option - Overspeed Valve



22560874_108_11/04_A

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	

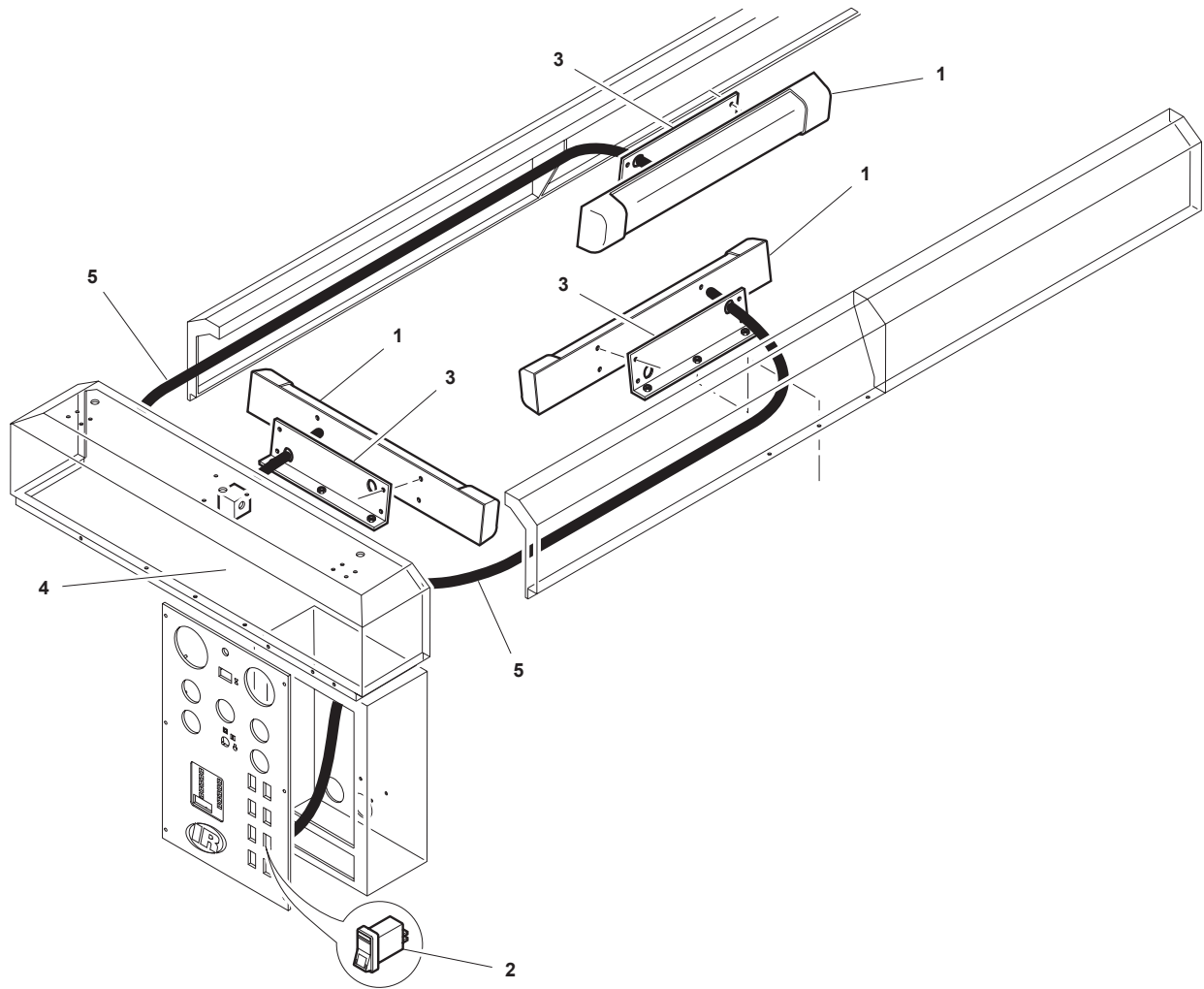
Option - Worklights



22560874_109_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	89393150	Light	2	* Not Illustrated
2	89303143	Bulb, Light	2	
3	22351019	Switch	1	
*4	22350839	Harness, Lights	1	
*5	93524007	Base, Cable Tie	10	
*6	92434315	Tie, Cable	10	

Option - Service Lights

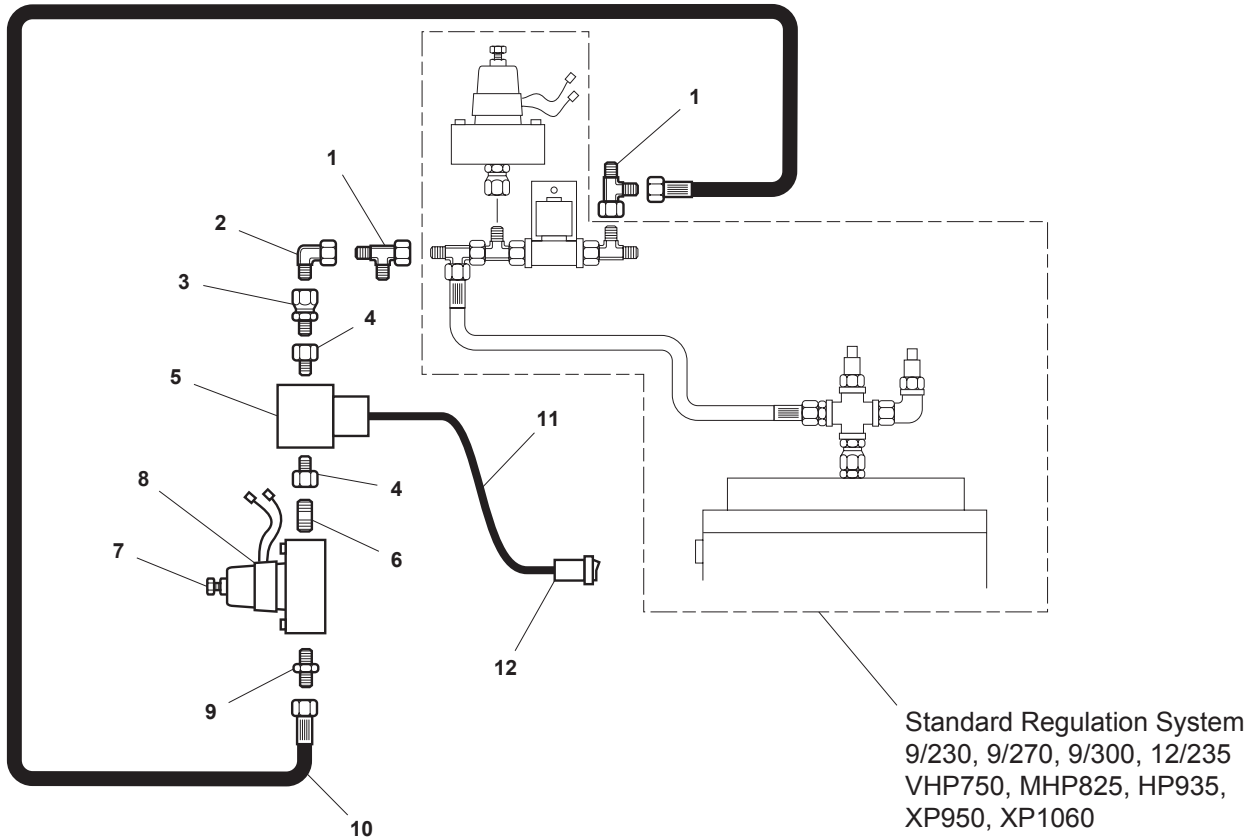


22560874_110_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	89303275	Light	3	* Not Illustrated
2	22351019	Switch Rocker	1	
3	89303226	Bracket	3	
4	22350847	Harness	1	
*5	93524007	Base, Cable Tie	10	
*6	92799378	Tie, Cable	10	

Option - Dual Pressure

9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060

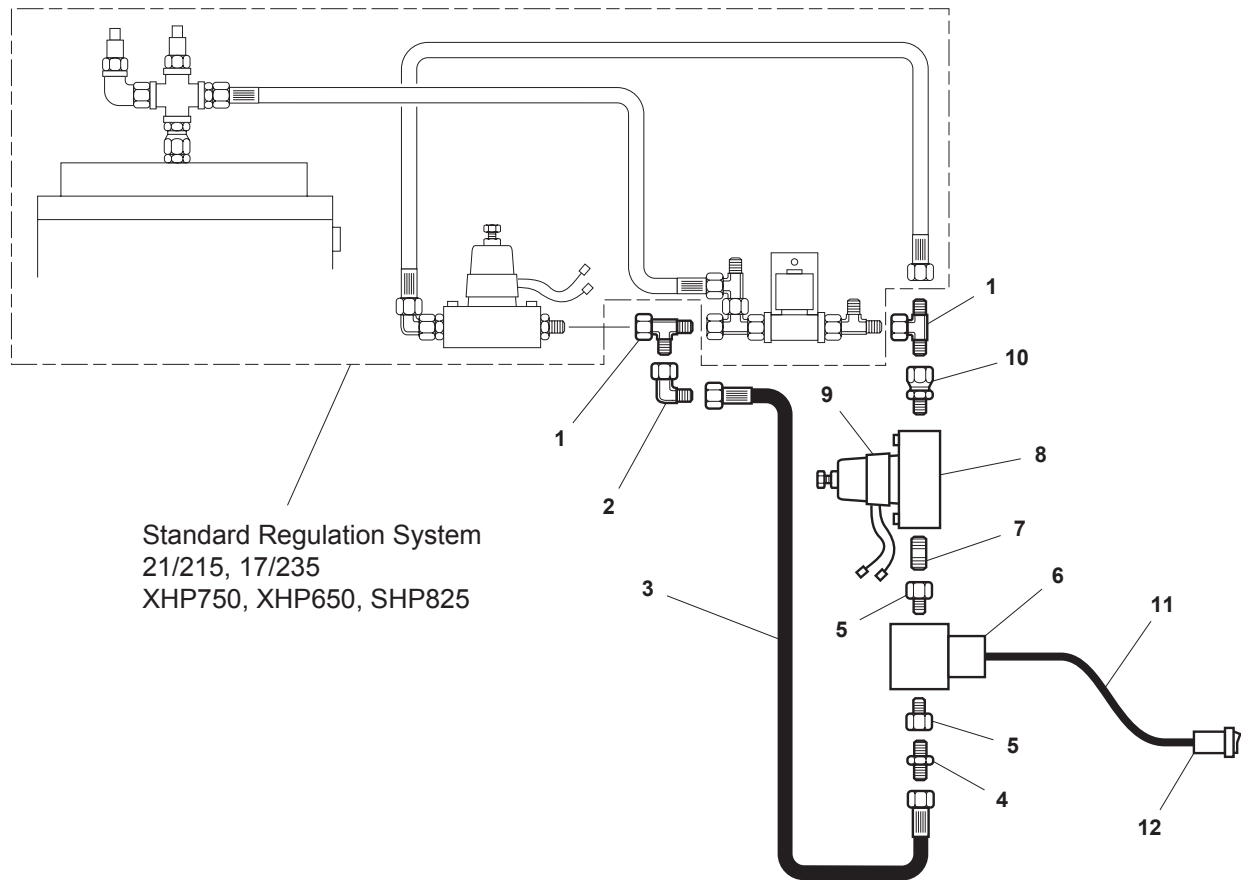


22560874_111_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35283084	Tee	2	* Not Illustrated
2	35279827	Elbow	1	
3	35367846	Connector	1	
4	95940748	Bush, Reducing	2	
5	36840841	Valve, Solenoid	1	
6	95667341	Nipple	1	
7	36854149	Pressure Regulator	1	
8	36854677	Heater	1	
9	35284082	Adaptor	1	
10	35283282	Hose Assembly	1	
11	22339683	Harness	1	
12	22054084	Switch	1	
*13	54773791	Decal for LP/HP Regulator	1	

Option - Dual Pressure

21/215, 17/235
XHP750, XHP650, SHP825



22560874_112_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35283092	Tee	2	
2	35283068	Elbow	1	
3	35323724	Hose Assembly	1	
4	35284082	Adaptor	1	
5	95940748	Bush, Reducing	2	
6	36840841	Valve, Solenoid	1	
7	95667341	Nipple	1	
8	92956093	Pressure Regulator	1	
9	36854677	Heater	1	
10	35367846	Adaptor	1	
11	22339683	Harness	1	
12	22054084	Switch	1	
*13	22130314	Bracket	1	
*14	54773791	Decal for LP/HP Regulator	1	
				* Not Illustrated

Recommended Parts

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1 - 3	22354393	Kit - 0-50 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22177711	Filter, Fuel (Primary)	1	
3	36860336	Filter, Oil (Airend)	2	
1 - 5	22354385	Kit - 500 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22177711	Filter, Fuel (Primary)	1	
3	22177745	Filter, Coolant (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
1 - 6	22354377	Kit - 1000 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22177711	Filter, Fuel (Primary)	1	
3	22177745	Filter, Coolant (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
1 - 7	22354369	SHP, XHP, Kit - 2000 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22177711	Filter, Fuel (Primary)	1	
3	22177745	Filter, Coolant (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	89202022	Element, Separator	1	
1 - 7	22354351	HP, XP, MHP, VHP, Kit - 2000 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22177711	Filter, Fuel (Primary)	1	
3	22177745	Filter, Coolant (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	89285161	Element, Separator	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
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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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