

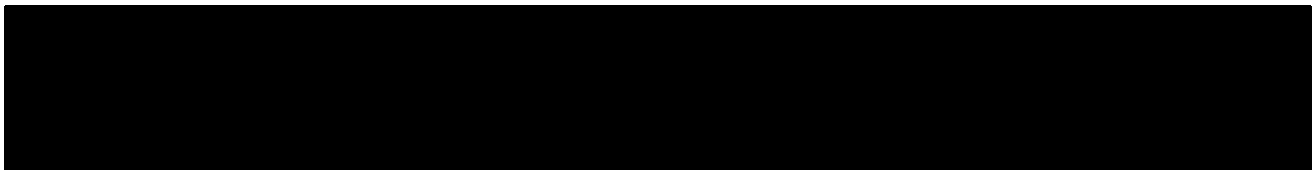


Parts Manual

Compressor Models

XHP750WCU, XP1060WCU, MHP825WCU
Code:

HP935WCU, VHP750WCU
Code: A



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

Book 22326722 (11/04)
Revised (09-12)

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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.

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

TABLE OF CONTENTS

Parts Book

TITLE	PAGE
Steerable Running Gear	8
Steerable Running Gear (Front Axle)	9
Steerable Running Gear (Front Axle)	10
Steerable Running Gear (Rear Axle)	11
Steerable Running Gear (Rear Axle)	12
Steerable Running Gear (Rear Axle)	13
Steerable Running Gear (Parking Brake)	14
Steerable Running Gear (Parking Brake)	15
Steerable Running Gear (Parking Brake)	16
High Speed Running Gear (Hydraulic Brake)	17
High Speed Running Gear (Hydraulic Brake)	18
High Speed Running Gear (Hydraulic Brake)	19
High Speed Running Gear (Hydraulic Brake)	20
High Speed Running Gear (Electric Brake)	21
High Speed Running Gear (Electric Brake)	22
High Speed Running Gear (Electric Brake)	23
High Speed Running Gear (Electric Brake)	24
High Speed Running Gear (Parking Brake)	25
High Speed Running Gear (Parking Brake)	26
High Speed Running Gear	27
High Speed Running Gear	28
High Speed Running Gear	29
High Speed Running Gear	30
Engine Assembly - Cummins QSL 9	31
Engine Assembly - Cummins QSL 9	32
Fan Drive, Cummins	33
Airend Assembly	34
Airend Assembly	35
Airend Assembly	36
Airend Assembly	37
Airend Assembly	38
Airend Assembly	39
Airend Assembly	40
Airend Assembly	41
Airend Assembly	42
Airend Assembly	43
Airend Assembly	44
Airend Assembly	45
Airend Pipework	46
Airend Pipework	47
Airend Pipework	48
Airend Pipework	49
Enclosure	50
Enclosure	51
Enclosure	52
Enclosure	53
Enclosure	54
Foam	55
Foam	56
Foam	57
Foam	58
Foam - High Ambient	59
Air Intake System	60
Air Intake System	61
Air Intake System	62

TABLE OF CONTENTS

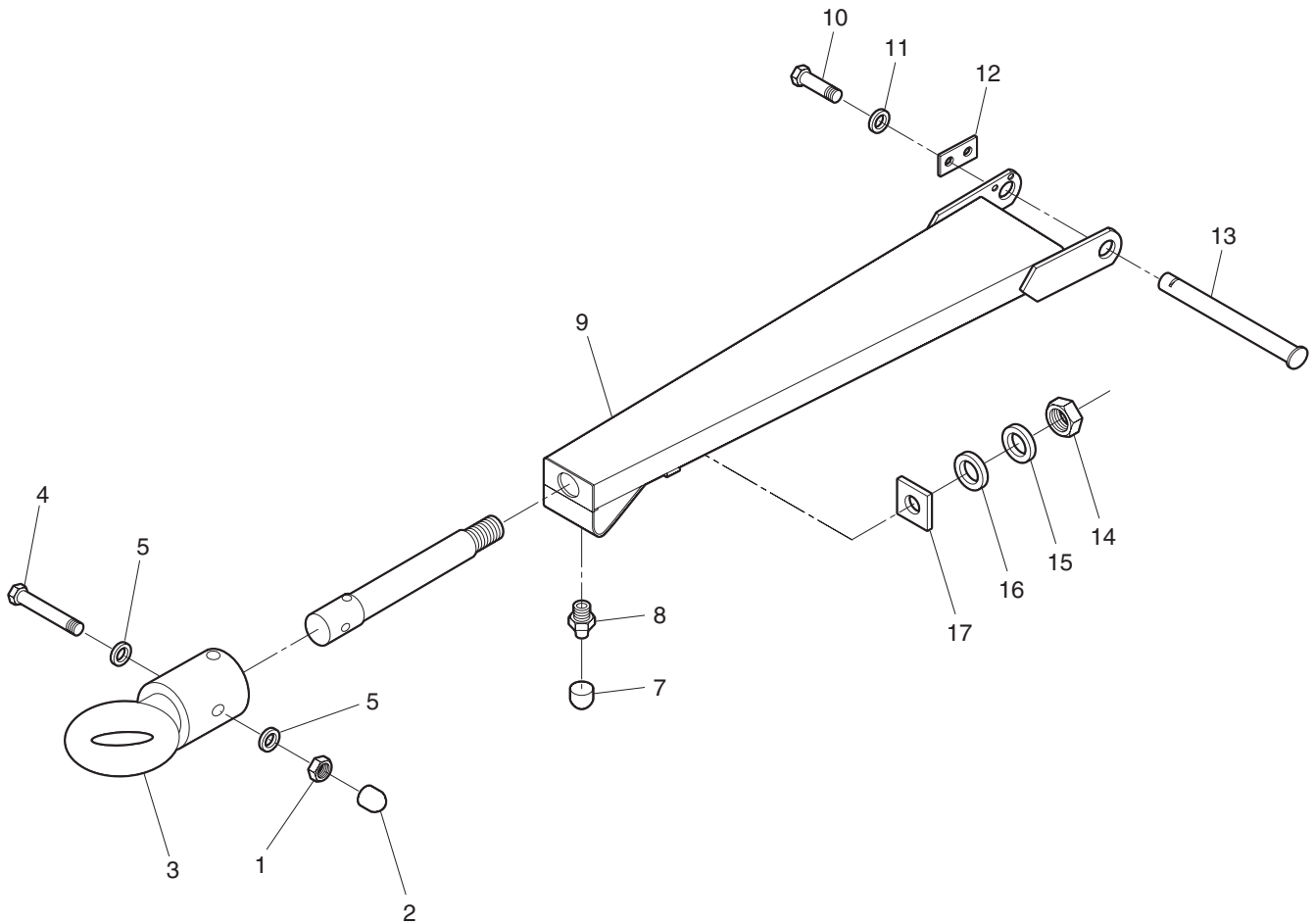
Parts Book

TITLE	PAGE
Engine Exhaust System	63
High Ambient Muffler	64
Fuel System	65
Fuel System	66
Cooling System	67
Cooling System	68
Oil/Air Piping	69
Oil/Air Piping	70
Oil/Air Piping	71
Oil/Air Piping	72
Oil/Air Piping	73
Oil/Air Piping	74
Oil/Air Piping	75
Regulation System	76
Regulation System	77
Regulation System	78
Regulation System	79
Regulation System	80
Regulation System	81
Regulation System	82
Regulation System	83
Regulation System	84
Regulation System	85
Regulation System	86
Regulation System	87
Regulation System	88
Regulation System	89
Instrumentation/Electrical System	90
Instrumentation/Electrical System	91
Instrumentation/Electrical System	92
Instrumentation/Electrical System	93
Option - Pressure Reducer	94
Option - IQ LP	95
Option - IQ	96
Option - IQ	97
Option - Oil/Air Piping (Aftercooler)	98
Option - Oil/Air Piping (Aftercooler)	99
Option - IQ Dual Filter	100
Option - IQ Dual Filter	101
Option - IQ Dual Filter	102
Option - Oil/Air Piping (Aftercooler)	103
Option - Oil/Air Piping (Aftercooler)	104
Option - Oil/Air Piping (Aftercooler)	105
Option - Flashing Light (Low Fuel Shutdown)	106
Option - Spark Arrestor	107
Option - Overspeed Valve	108
Option - Worklights	109
Option - Service Lights	110
Option - Dual Pressure	111
Option - Dual Pressure	112
Recommended Parts	113
Glossary of Non-Illustrated Items	114
Fasteners Index	115
Fasteners Index	116
Tube Fitting Index	117
Tube Fitting Index	118

Parts List



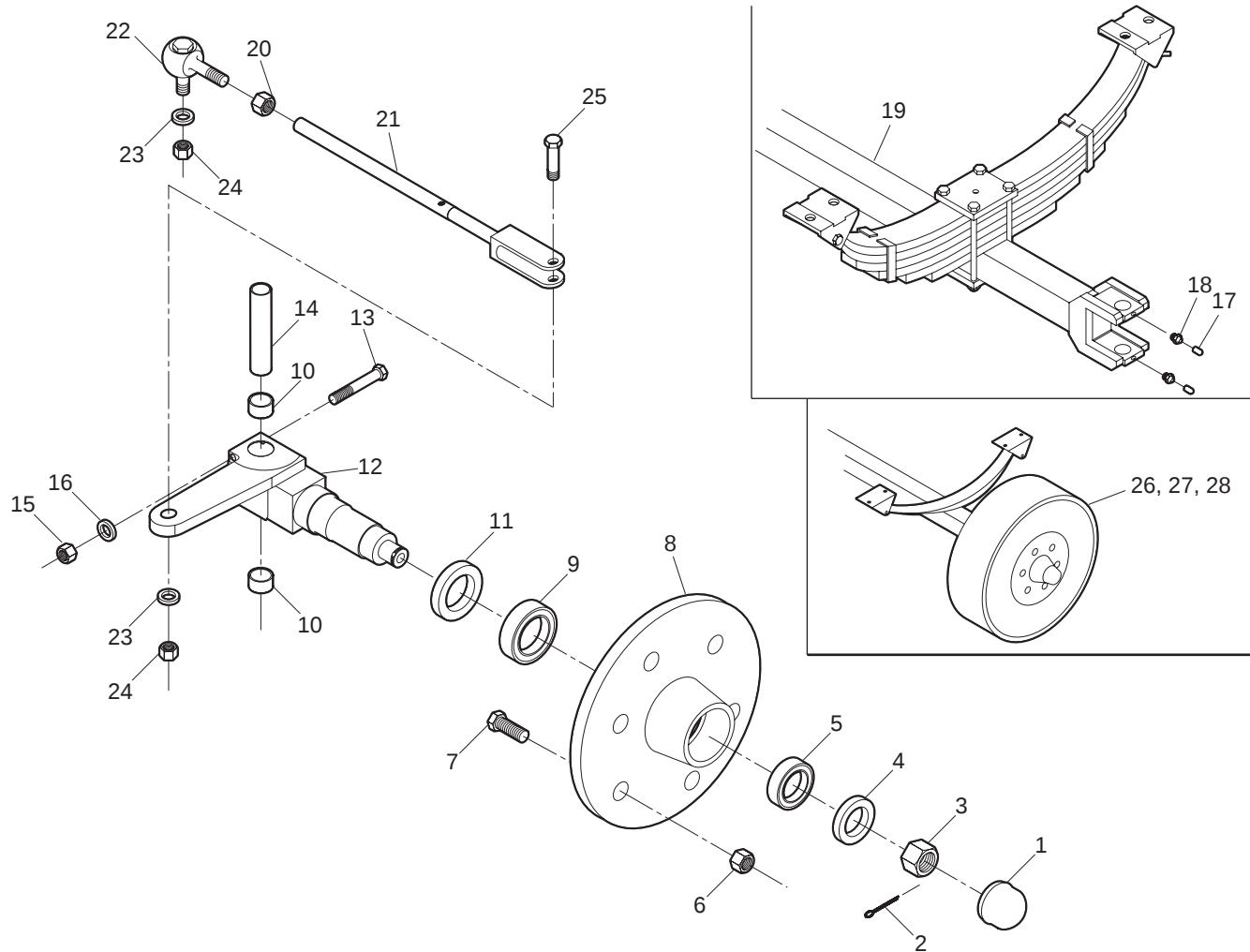
Steerable Running Gear



22326722_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	

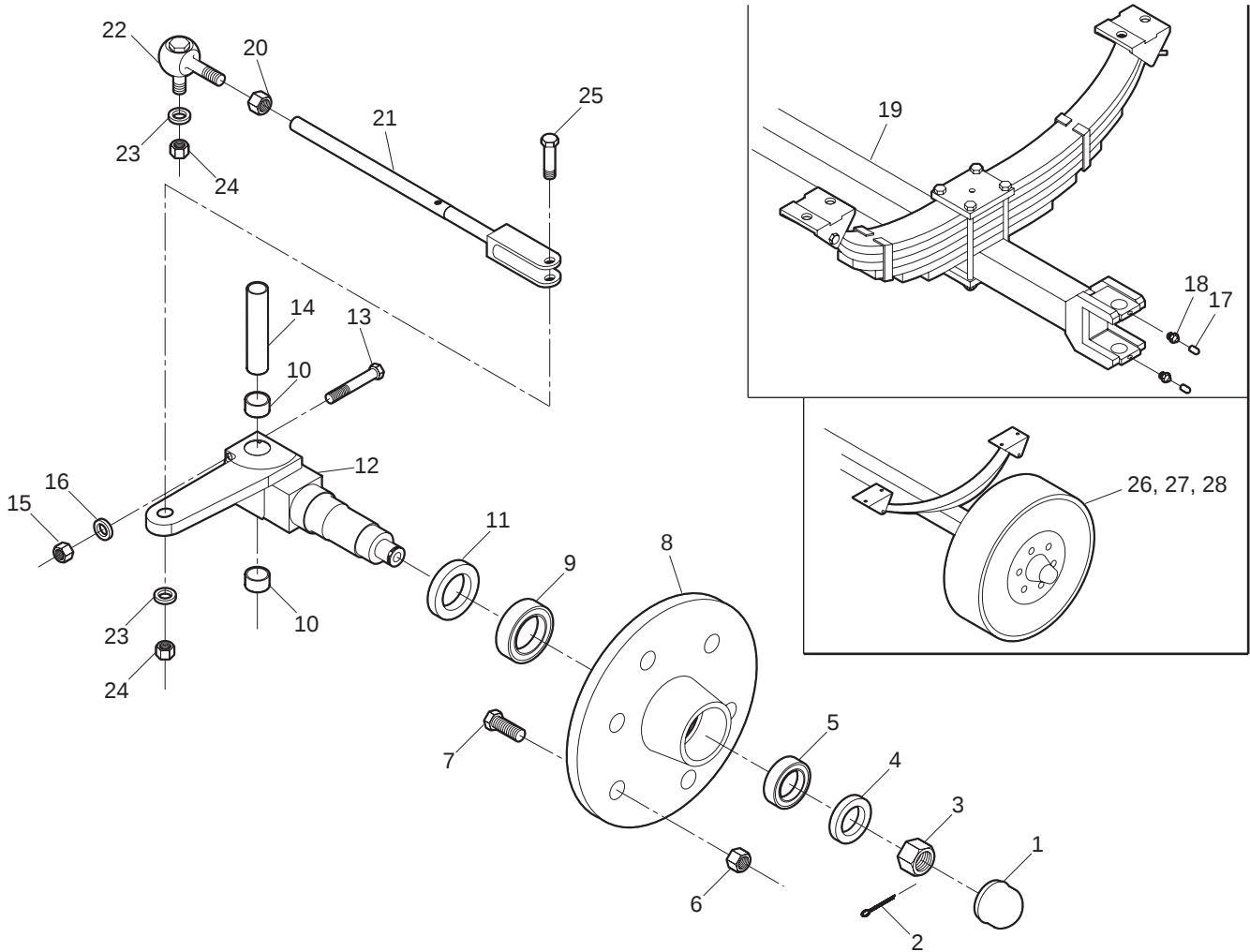
Steerable Running Gear (Front Axle)



22326722_009_11/04_A

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.....

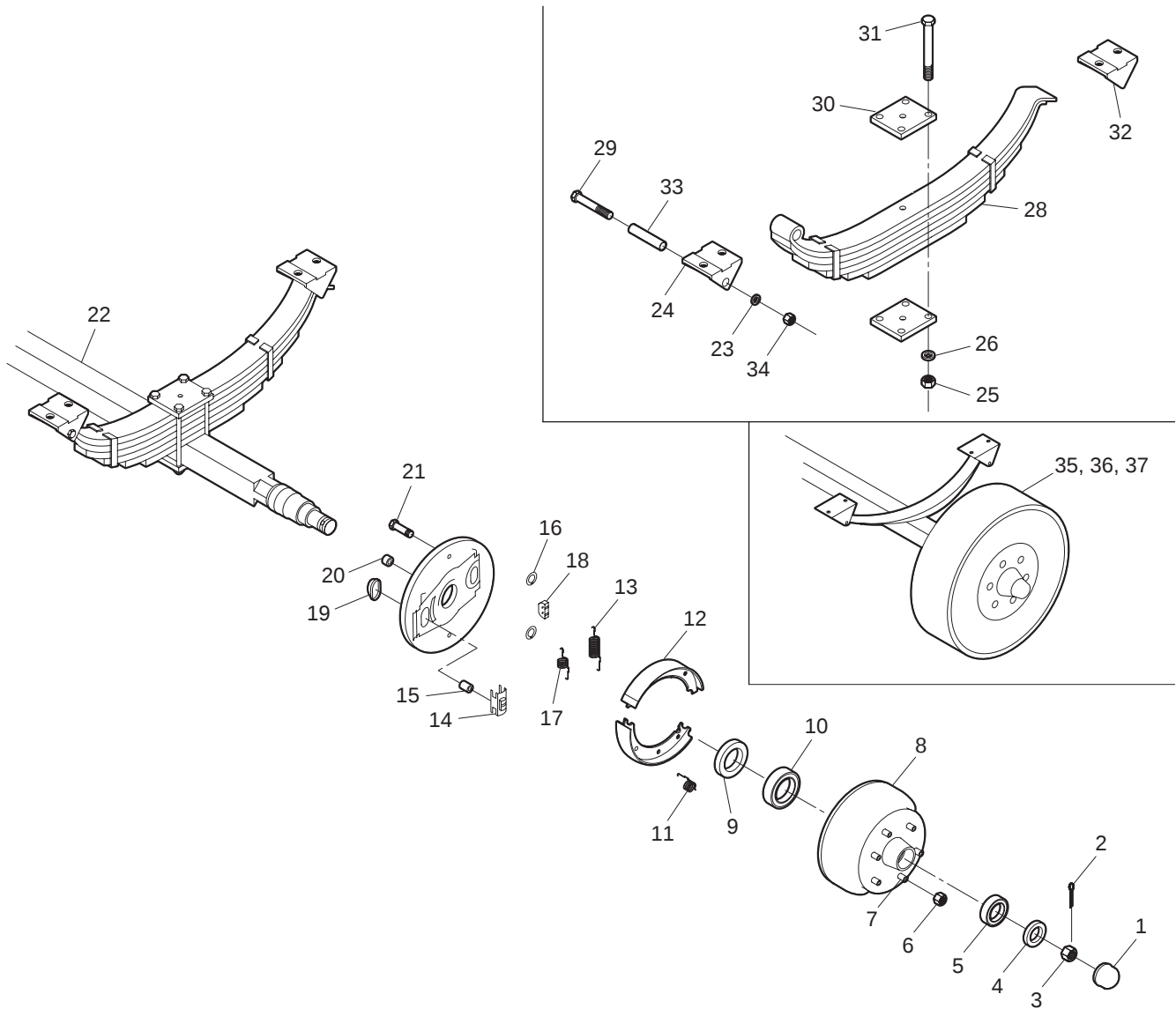
Steerable Running Gear (Front Axle)



22326722_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	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	

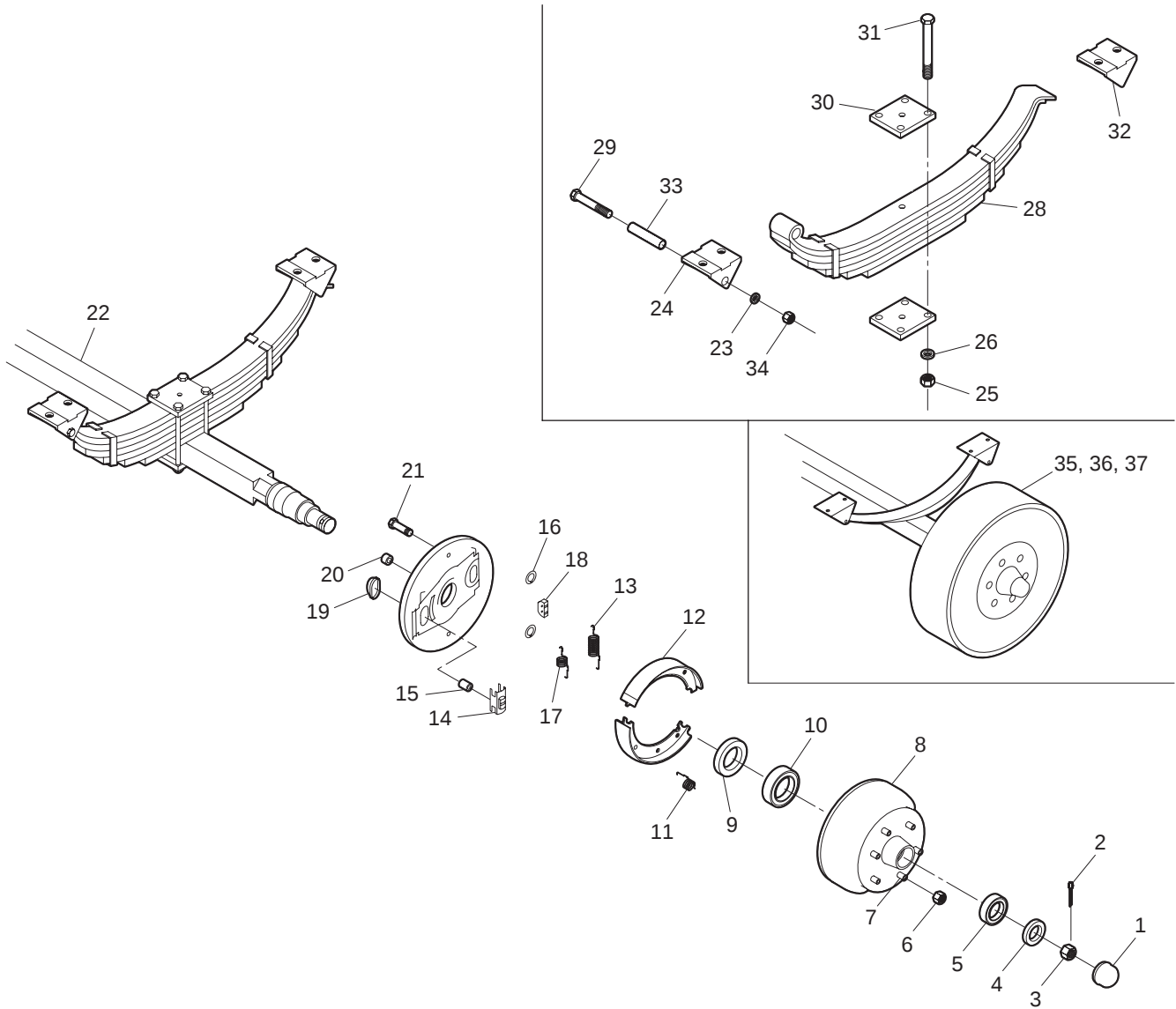
Steerable Running Gear (Rear Axle)



22326722_011_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	22391742	Rear Axle Assembly	1	Continued.....
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	

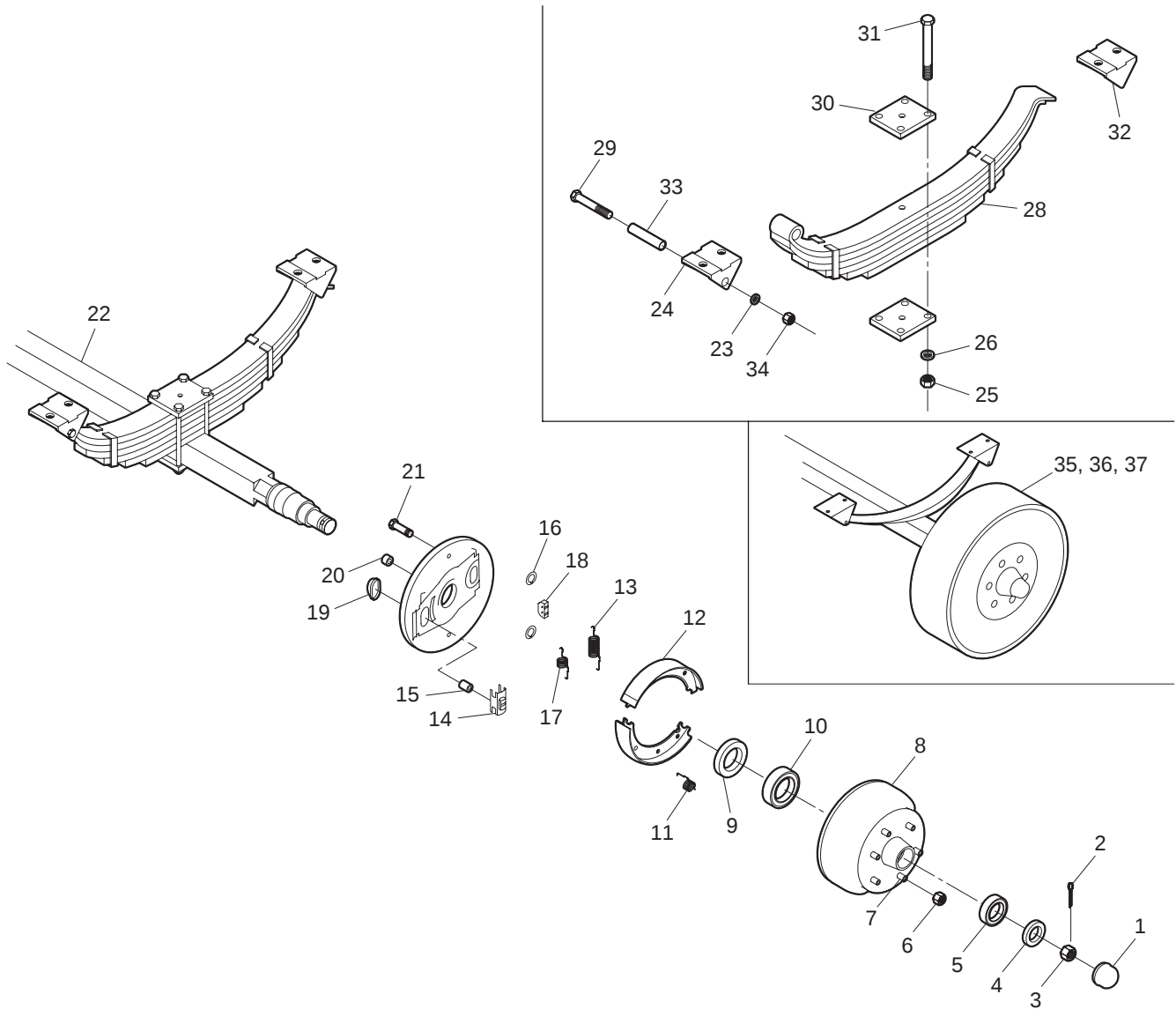
Steerable Running Gear (Rear Axle)



22326722_011_11/04_A

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.....

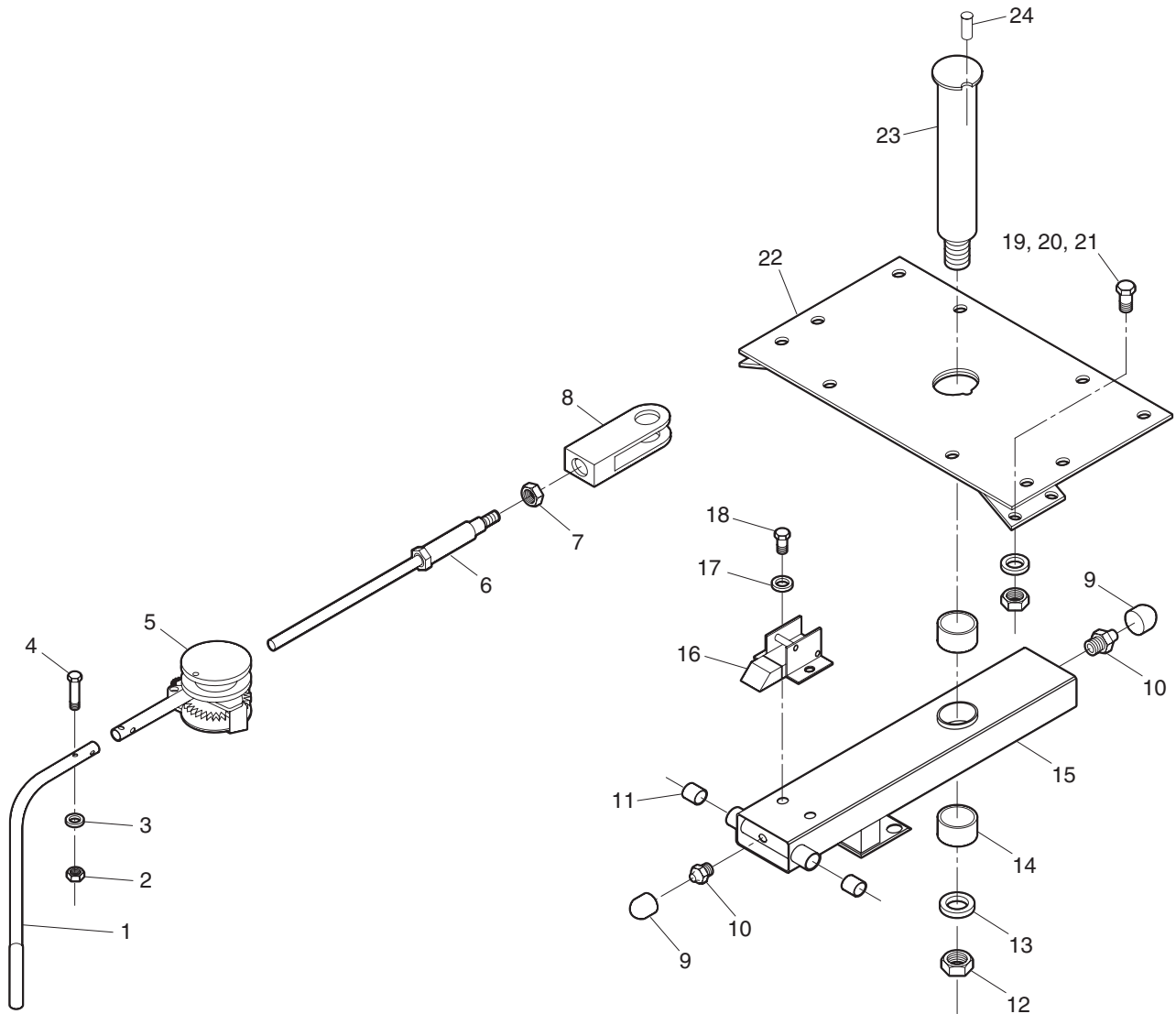
Steerable Running Gear (Rear Axle)



22326722_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	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	

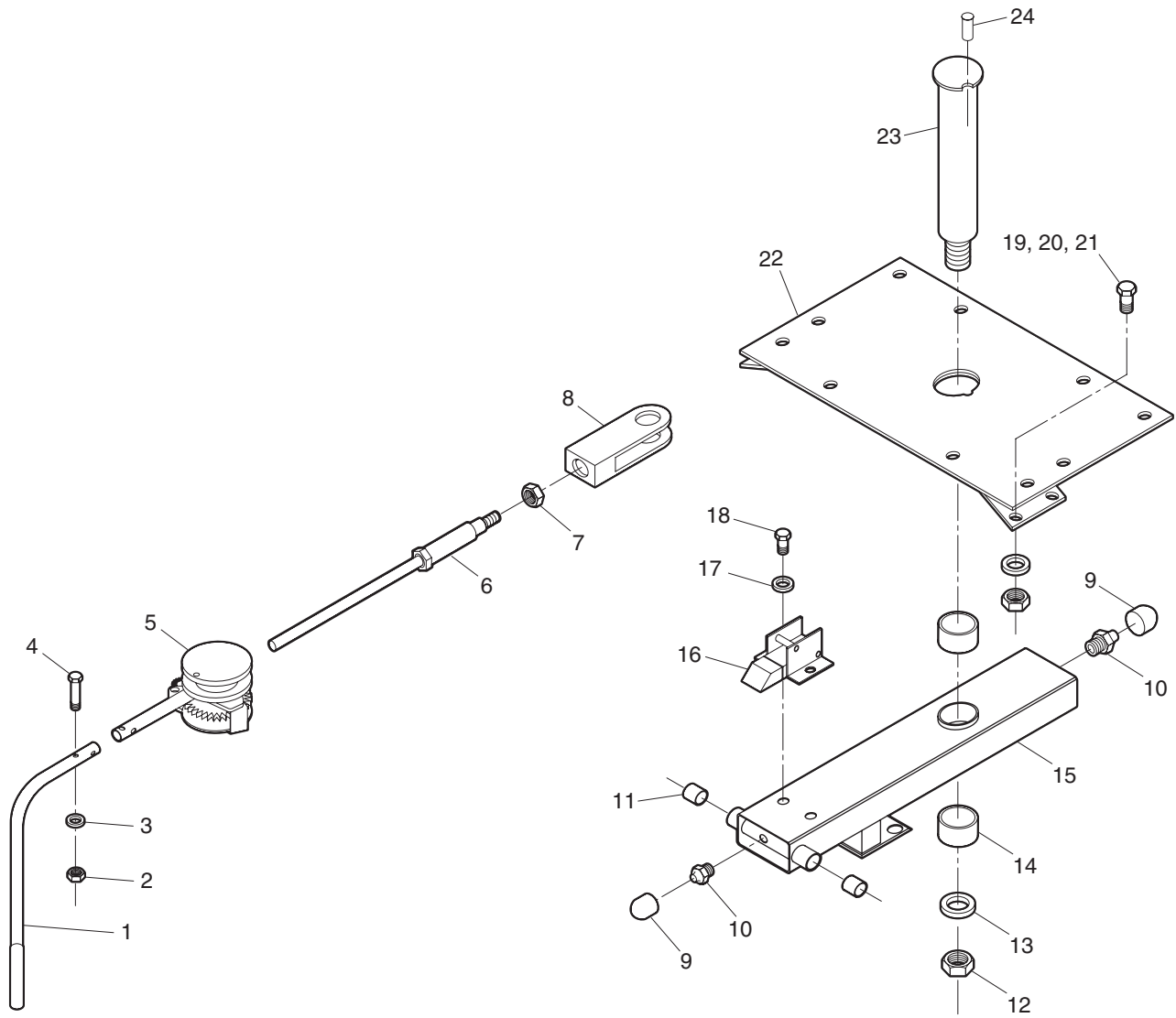
Steerable Running Gear (Parking Brake)



22326722_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.....

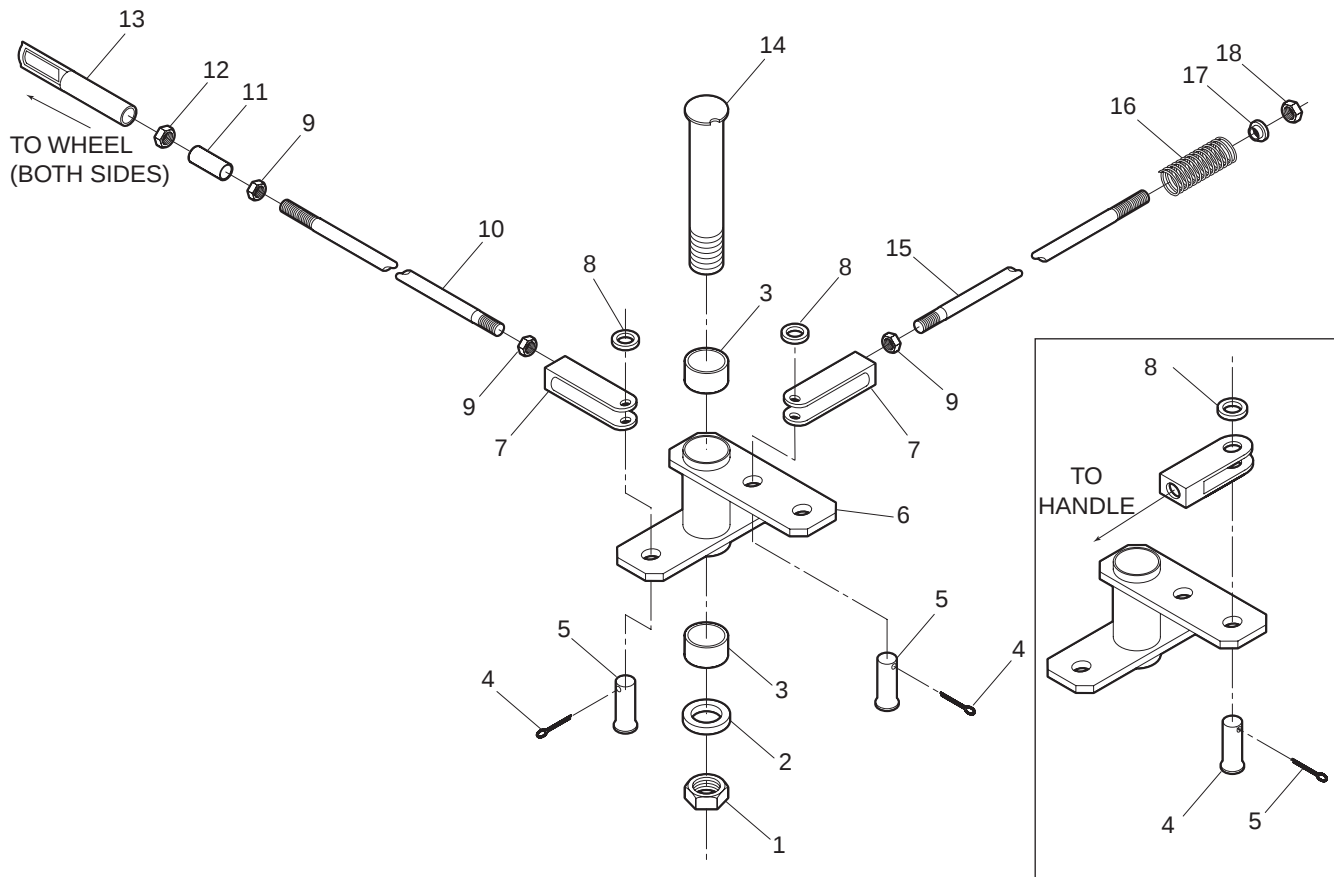
Steerable Running Gear (Parking Brake)



22326722_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	

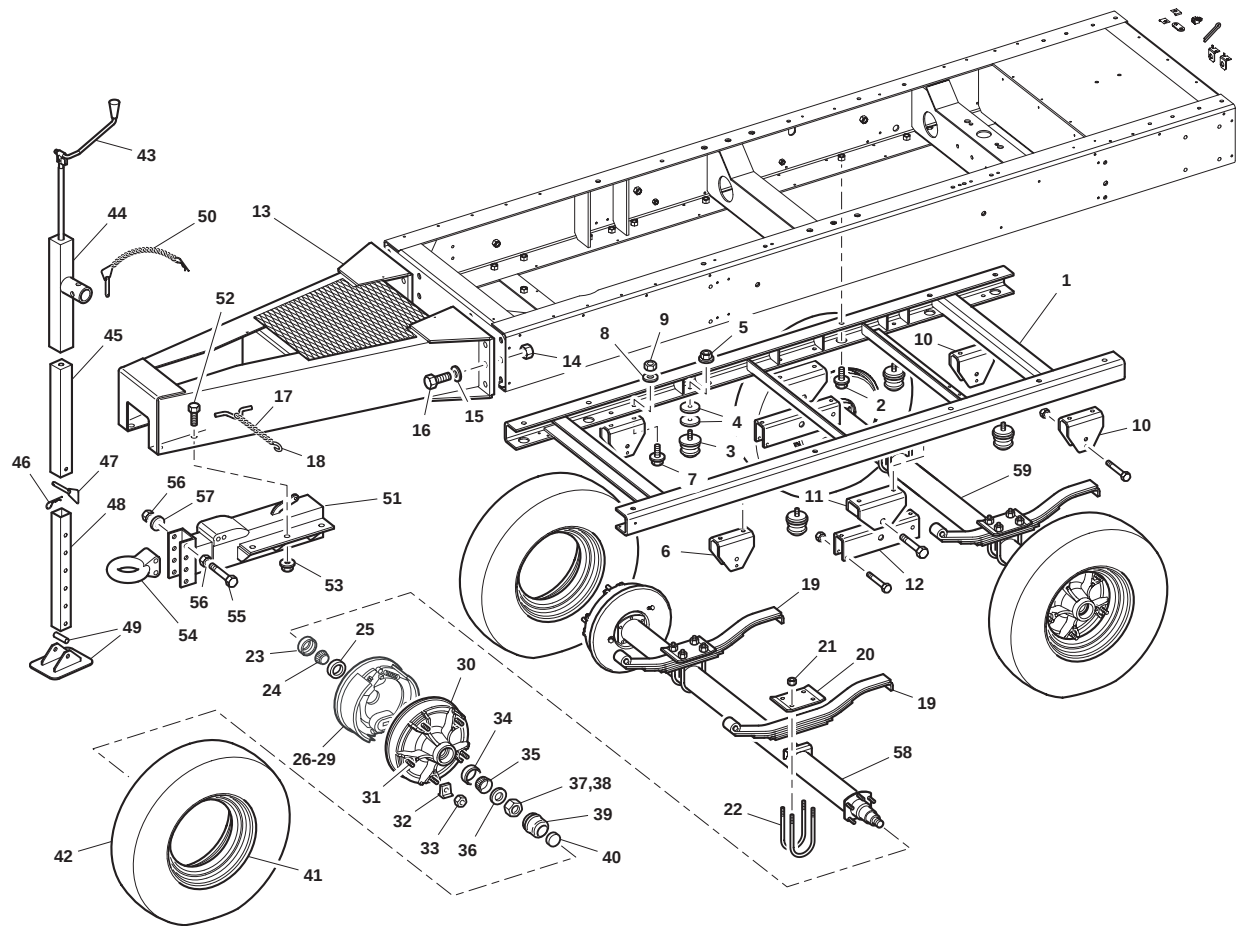
Steerable Running Gear (Parking Brake)



22326722_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	

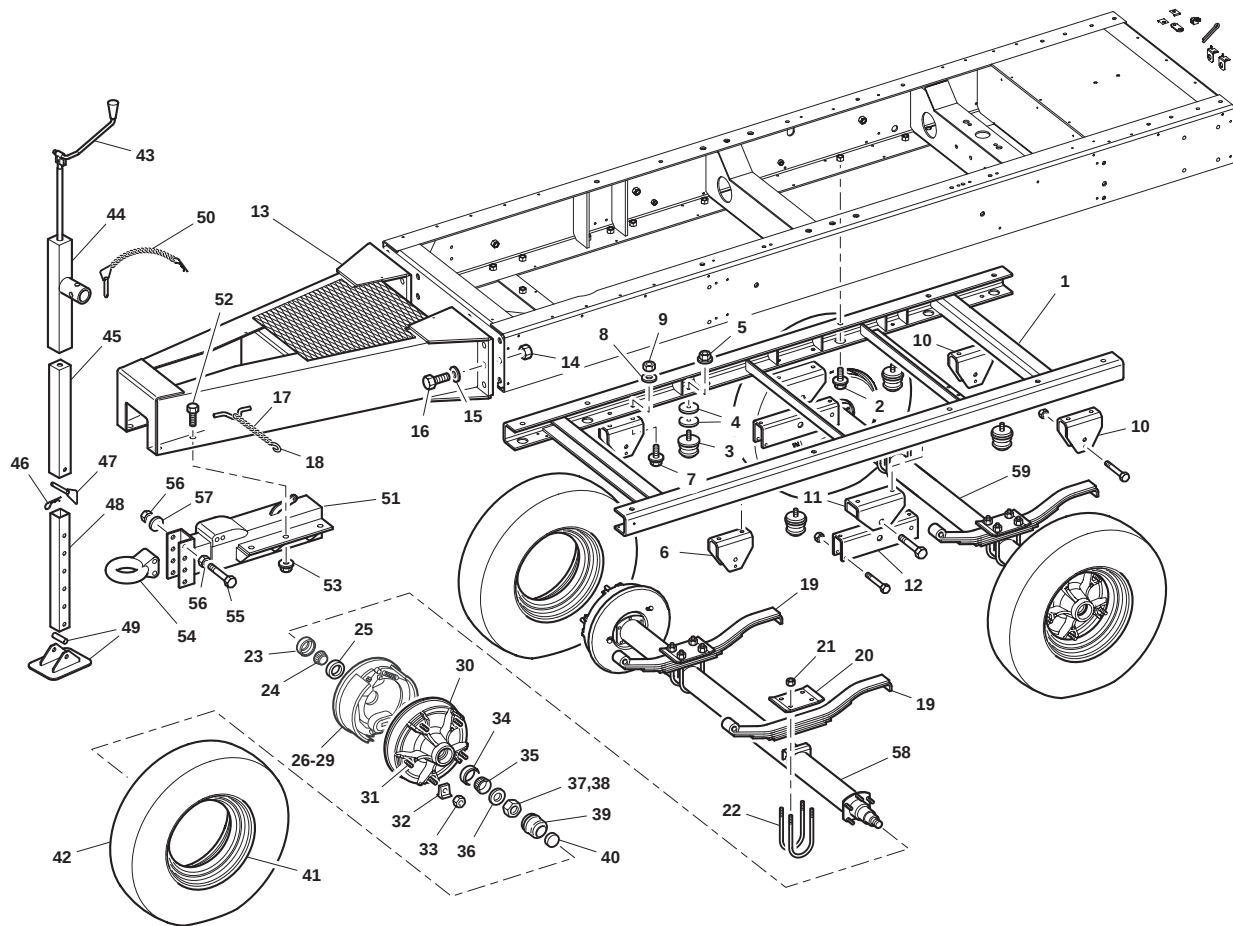
High Speed Running Gear (Hydraulic Brake)



22326722_017_11/04_A

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.....

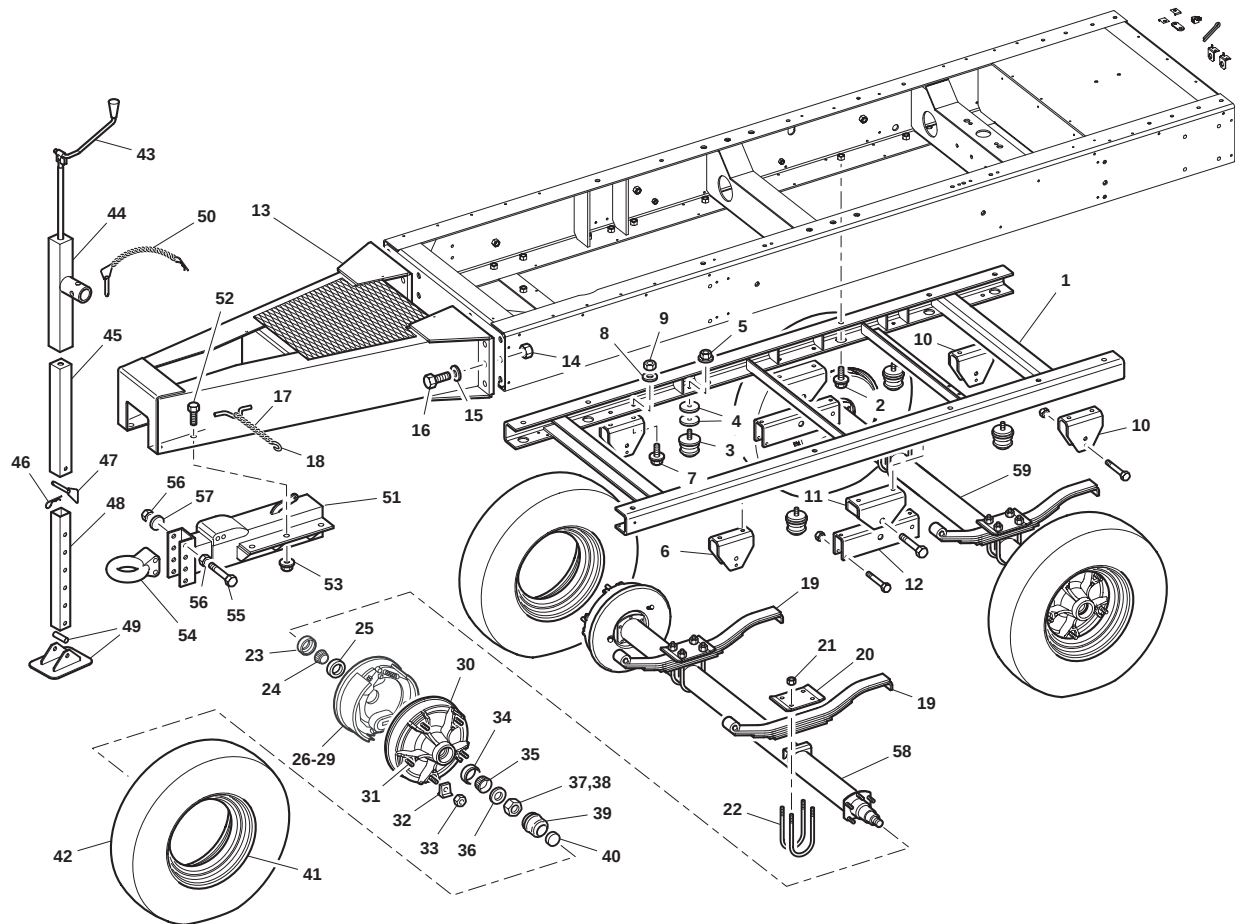
High Speed Running Gear (Hydraulic Brake)



22326722_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	

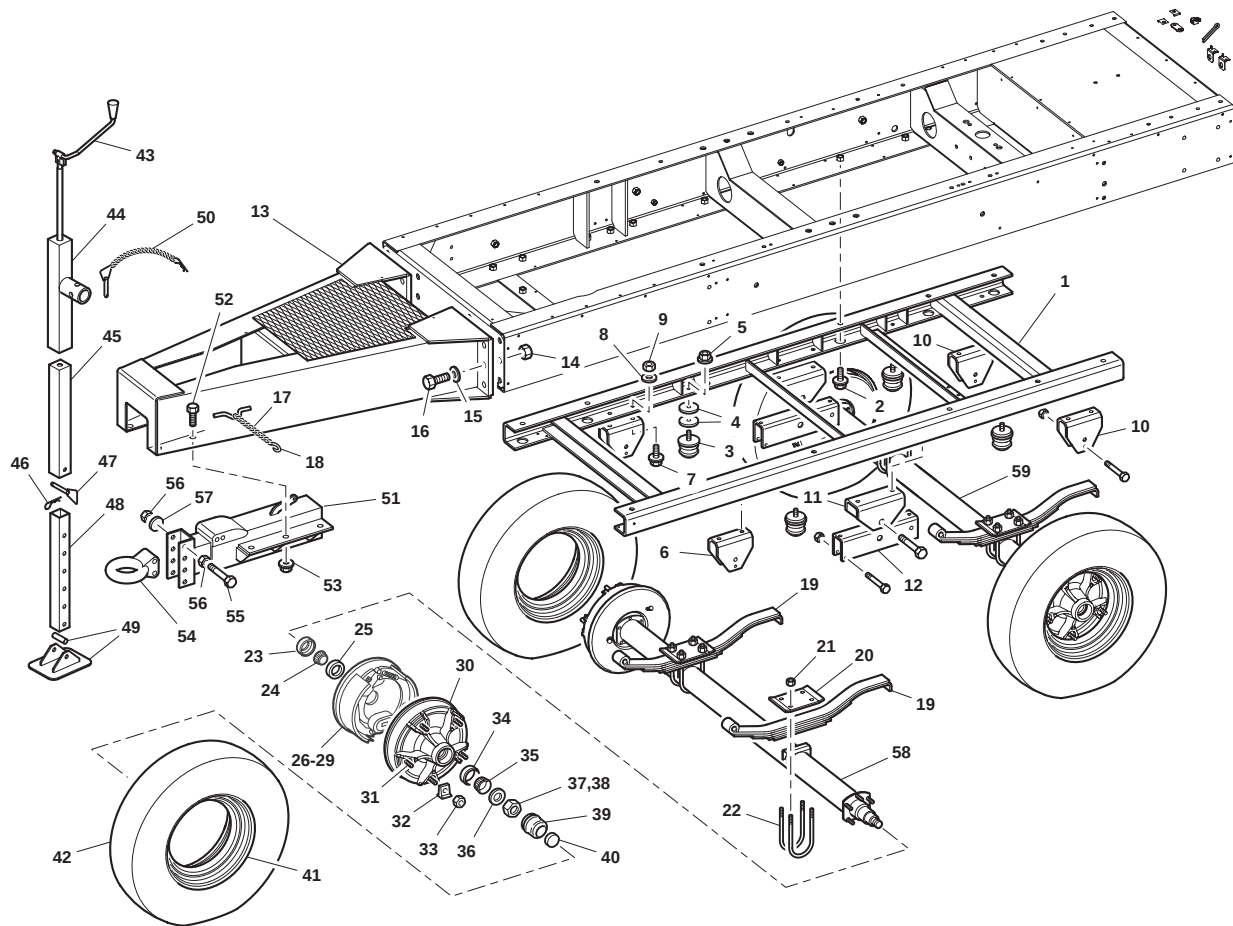
High Speed Running Gear (Hydraulic Brake)



22326722_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.....

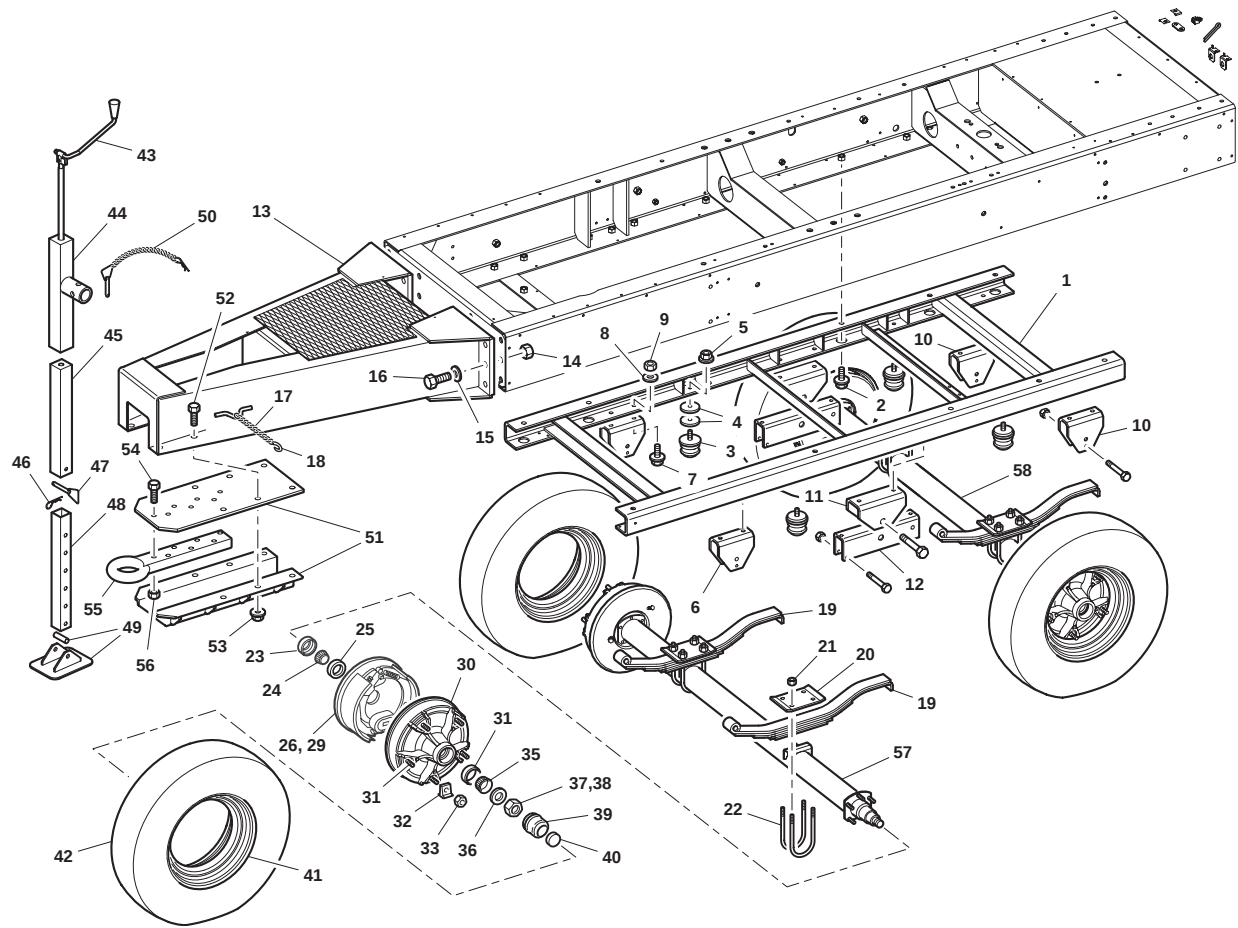
High Speed Running Gear (Hydraulic Brake)



22326722_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	

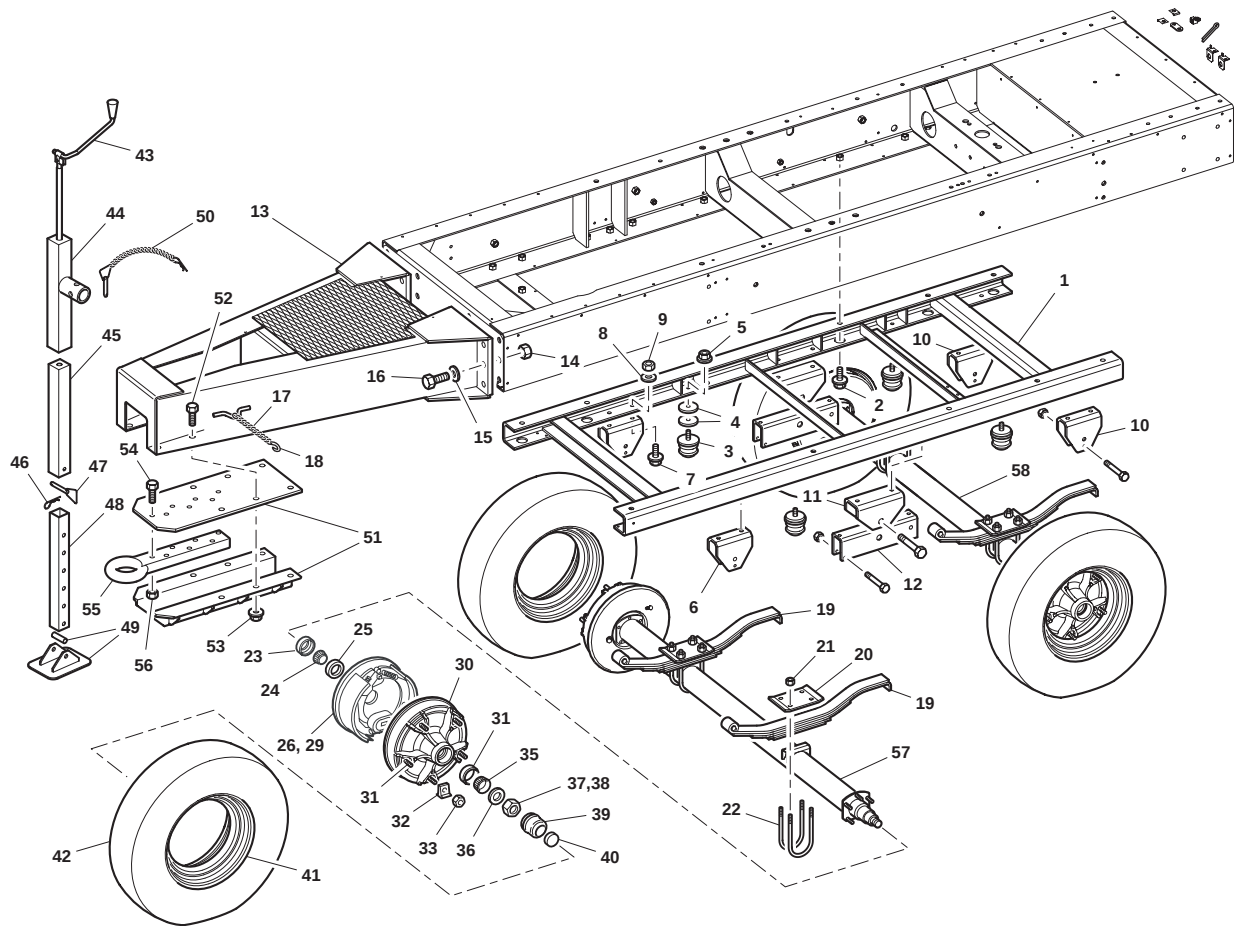
High Speed Running Gear (Electric Brake)



22326722_021_11/04_A

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.....

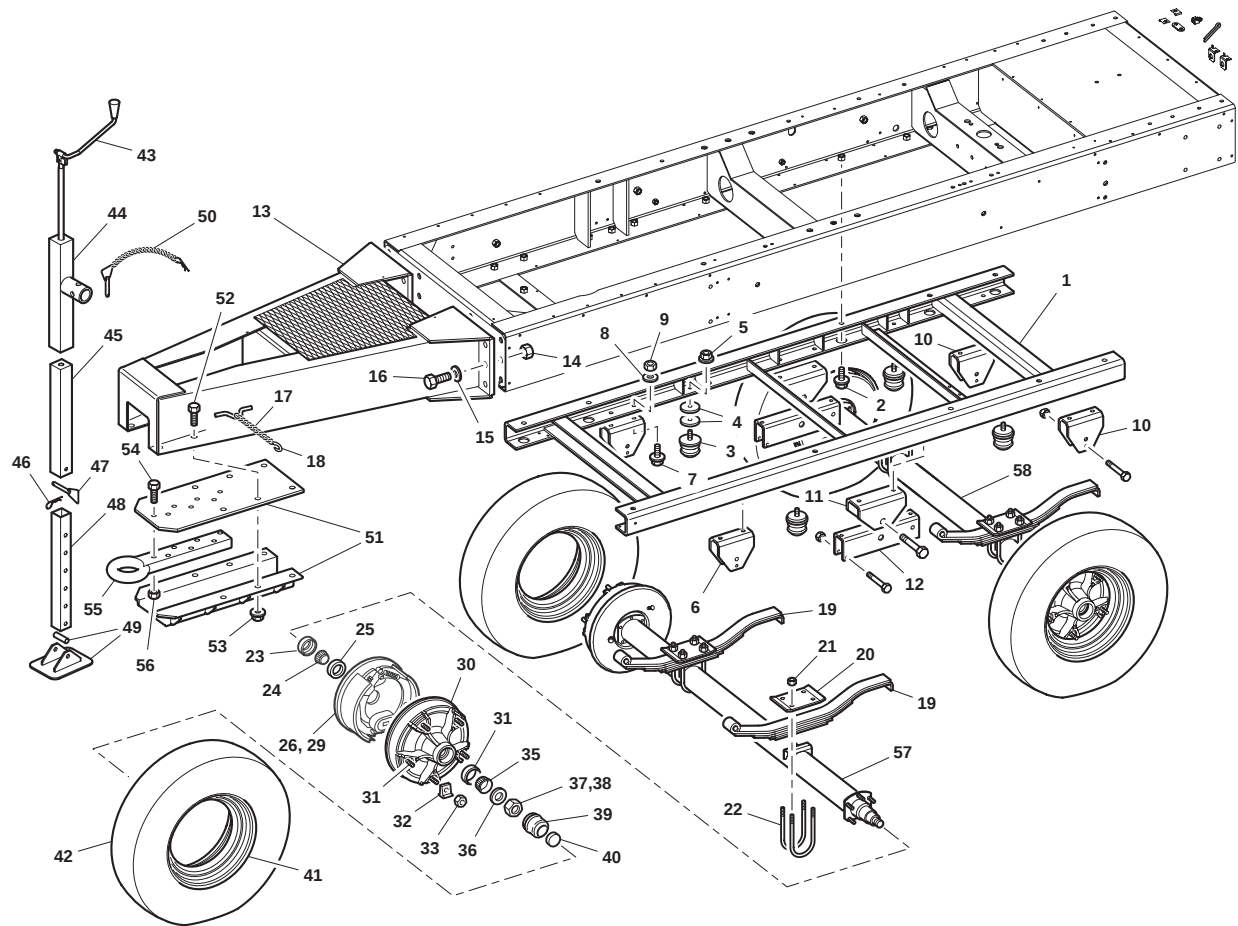
High Speed Running Gear (Electric Brake)



22326722_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	Continued.....
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	

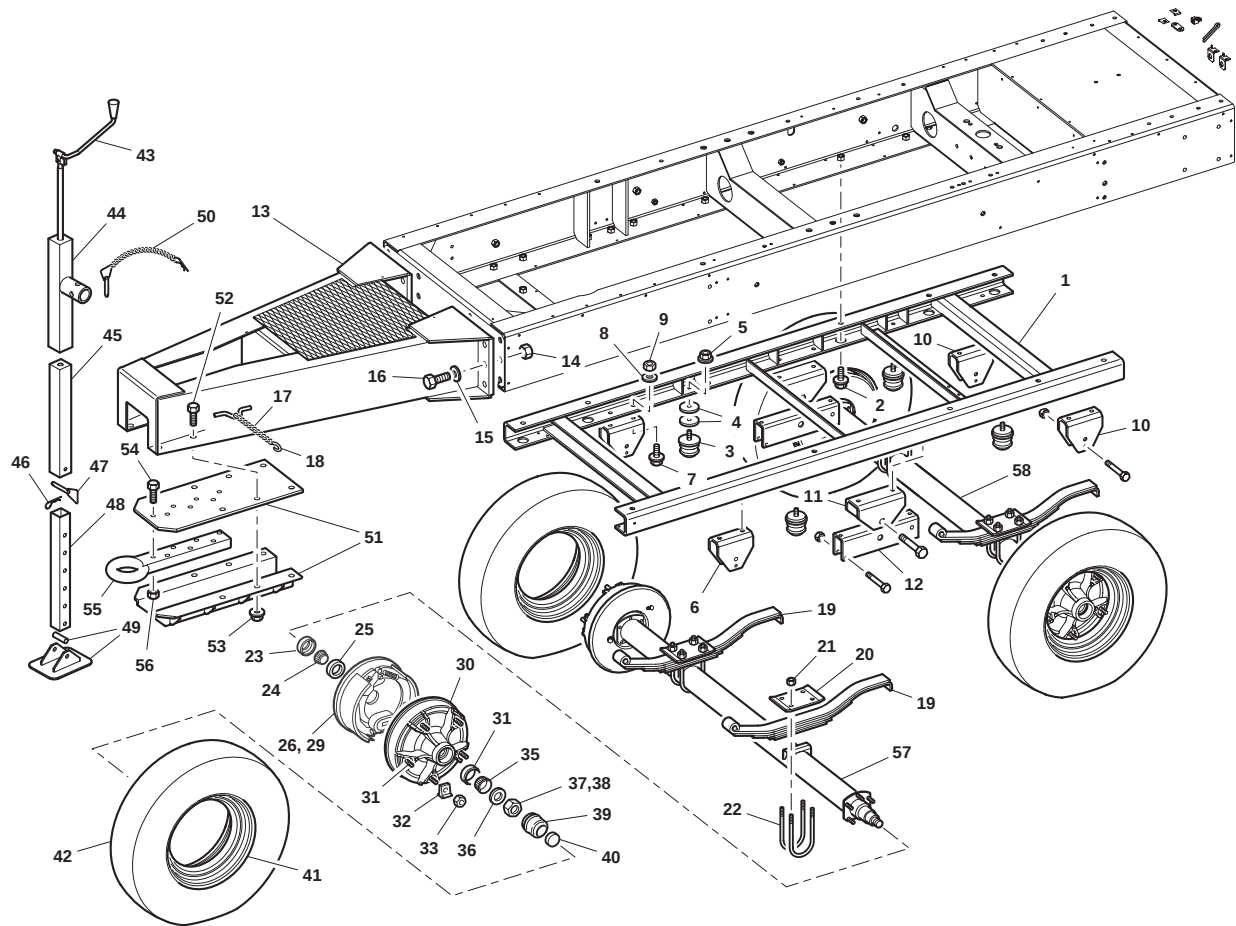
High Speed Running Gear (Electric Brake)



22326722_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.....

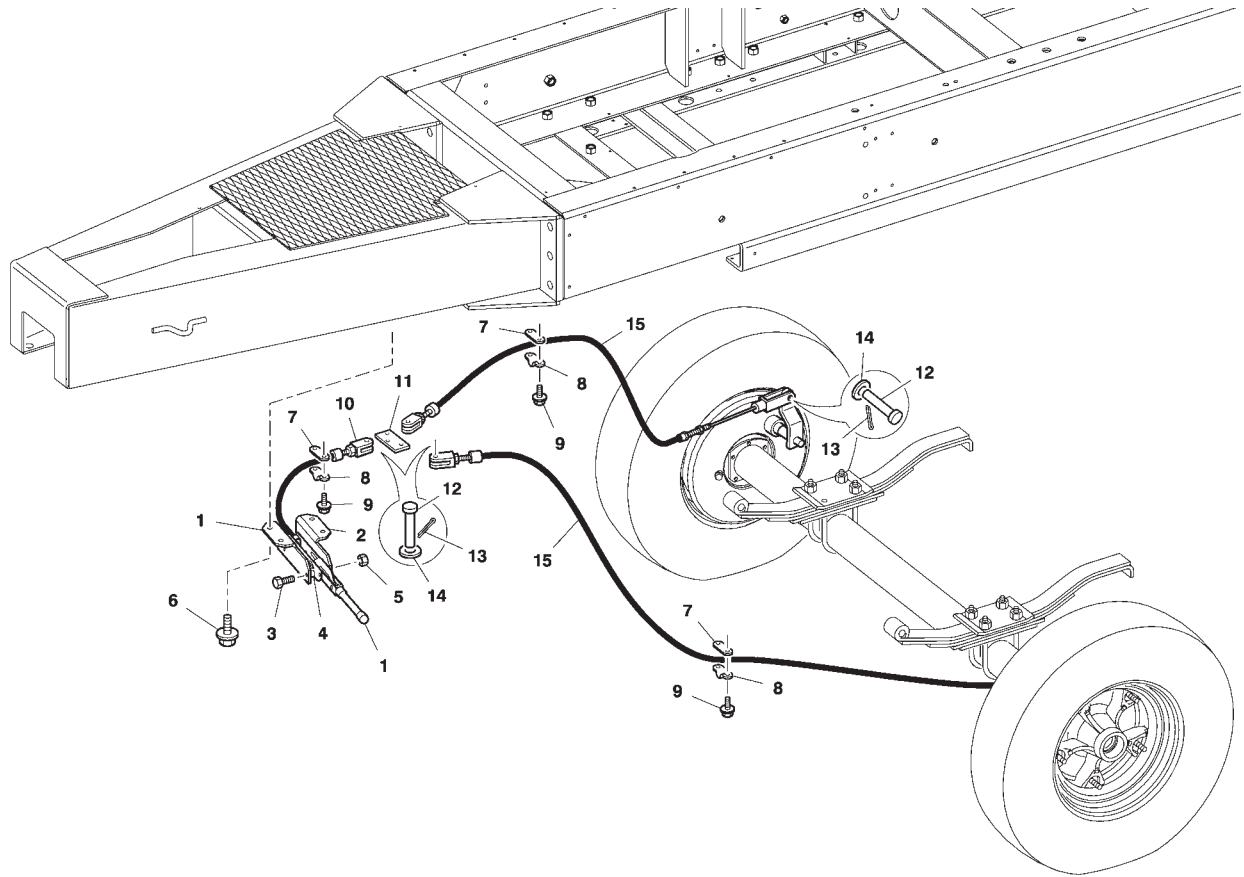
High Speed Running Gear (Electric Brake)



22326722_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	

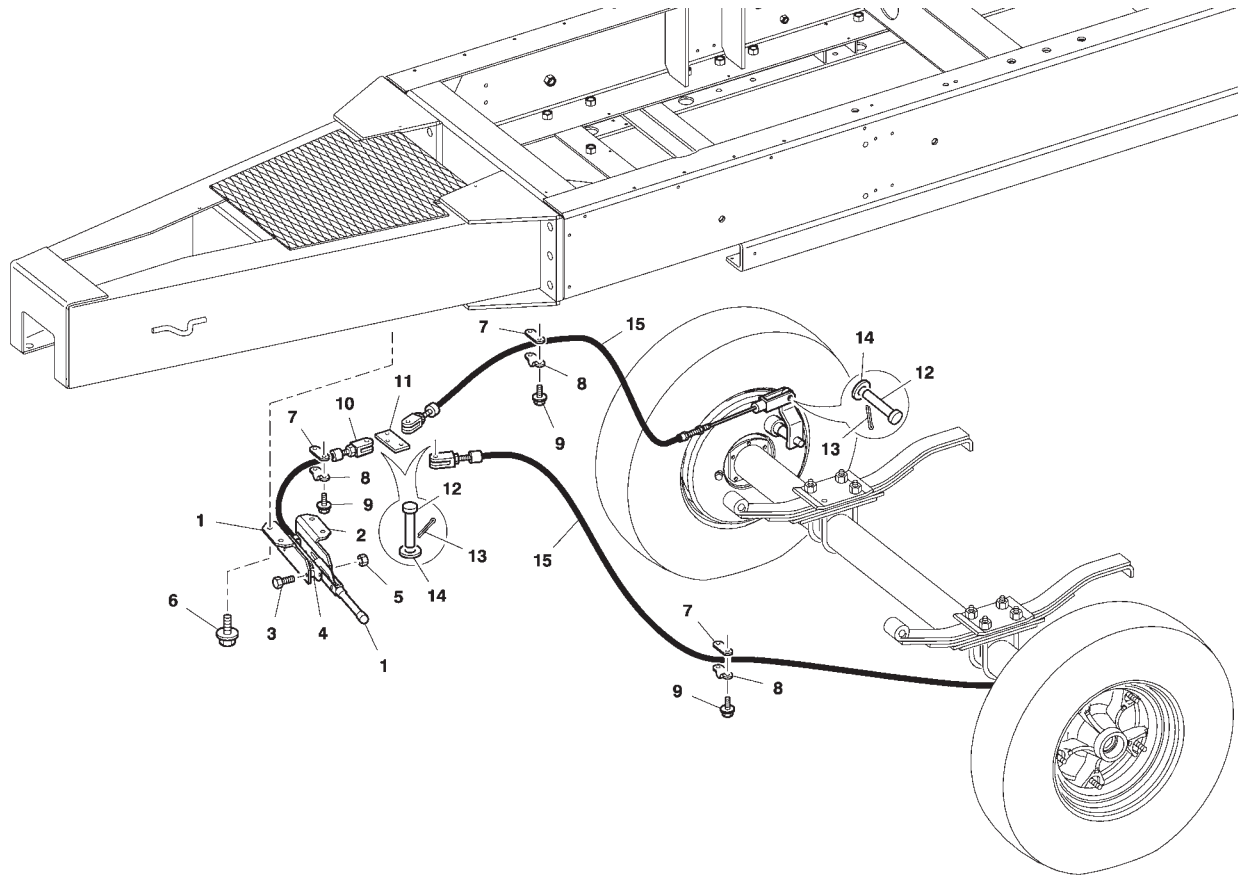
High Speed Running Gear (Parking Brake)



22326722_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	

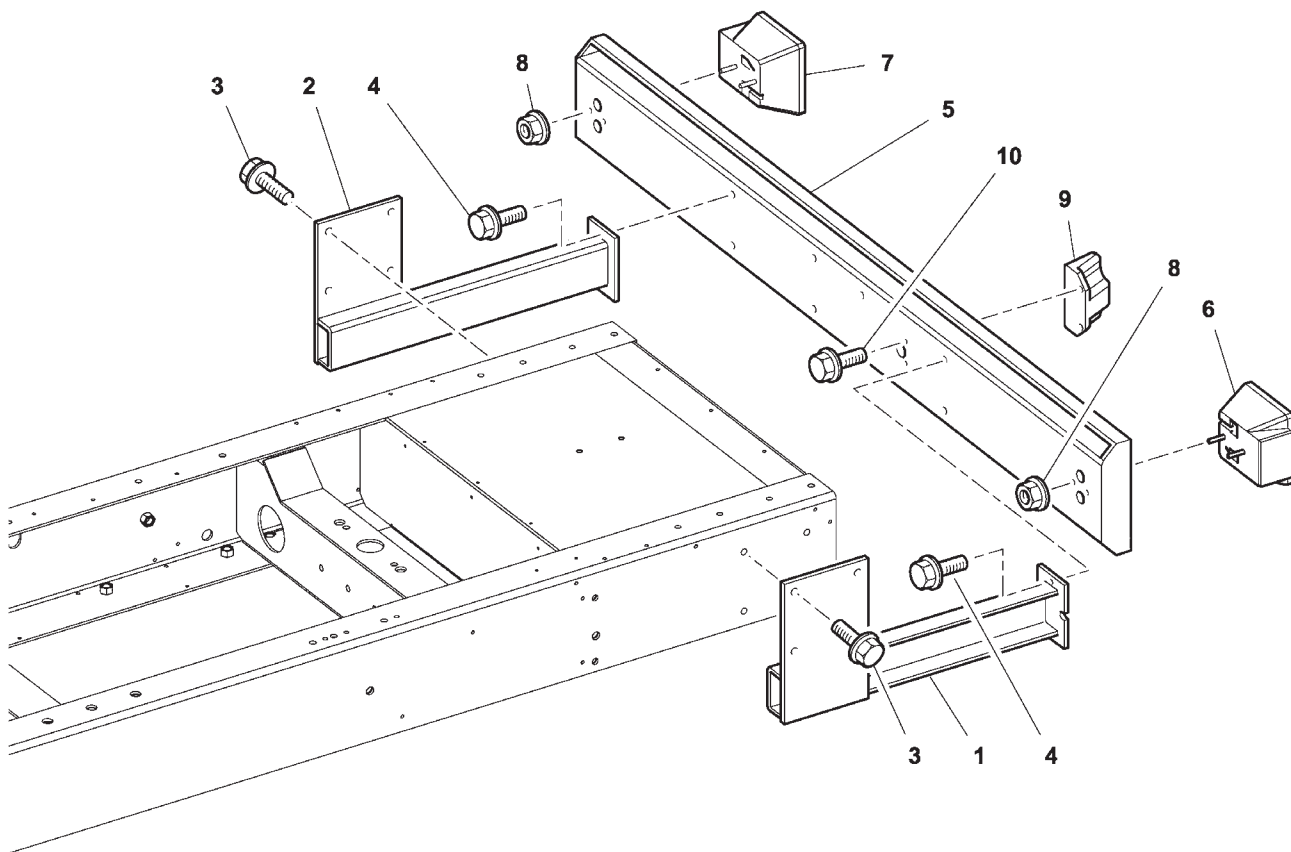
High Speed Running Gear (Parking Brake)



22326722_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	

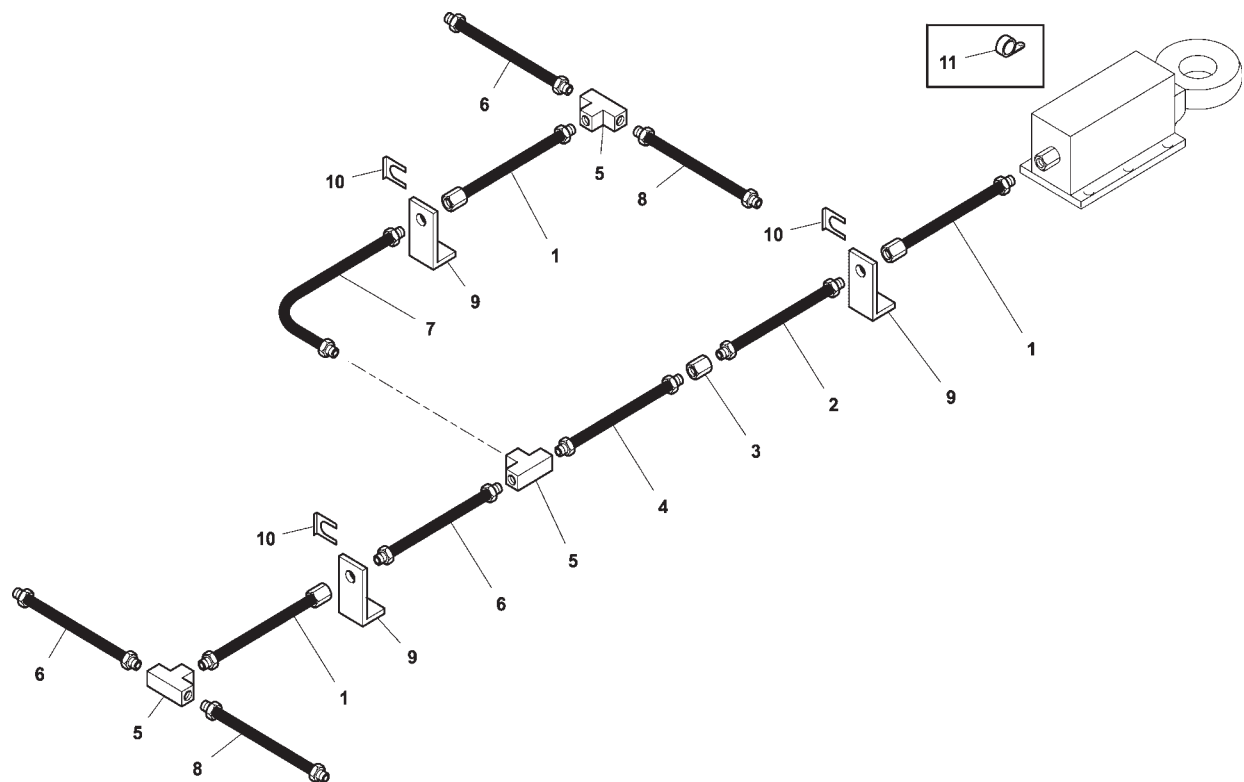
High Speed Running Gear



22326722_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	

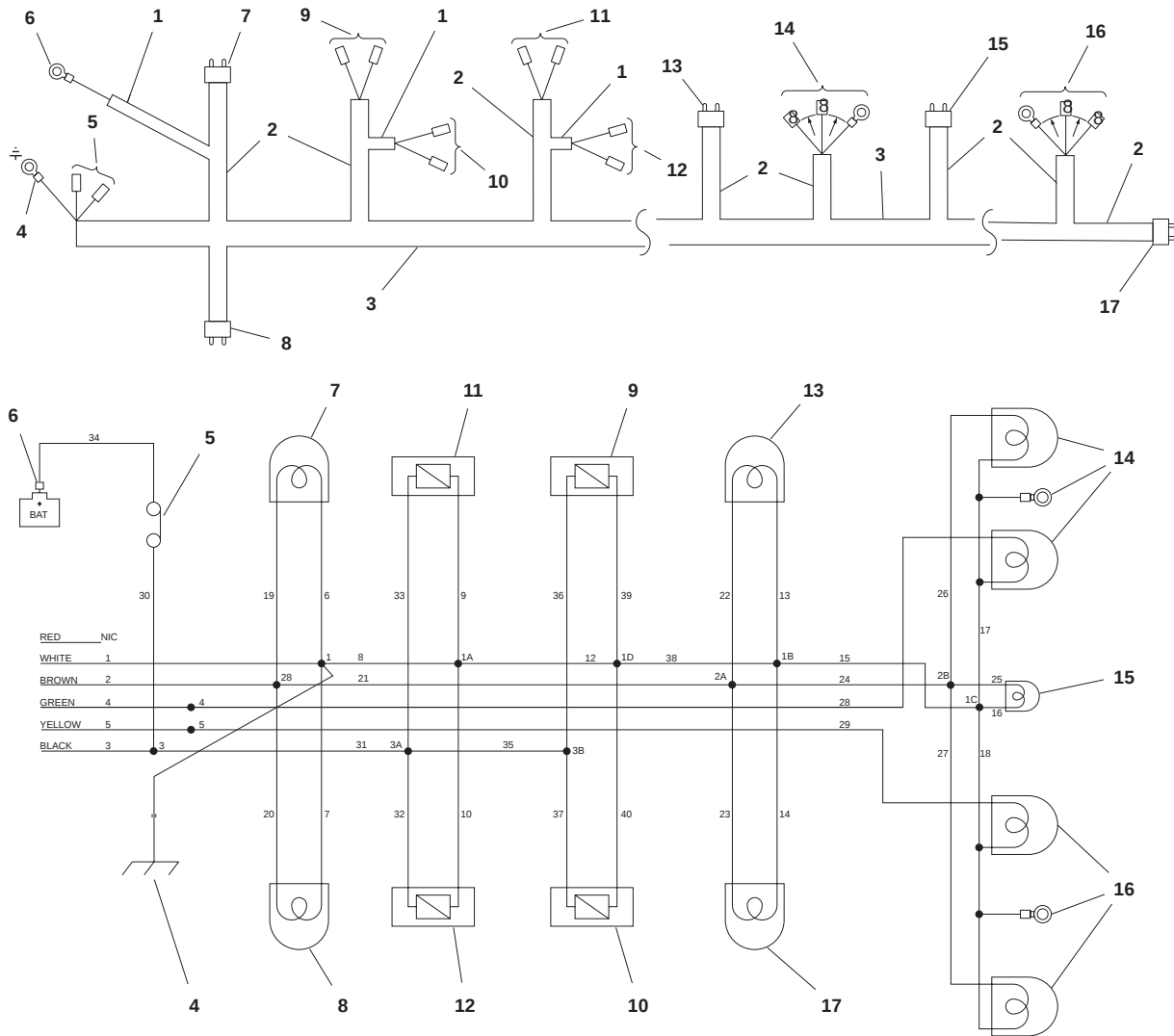
High Speed Running Gear



22326722_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	

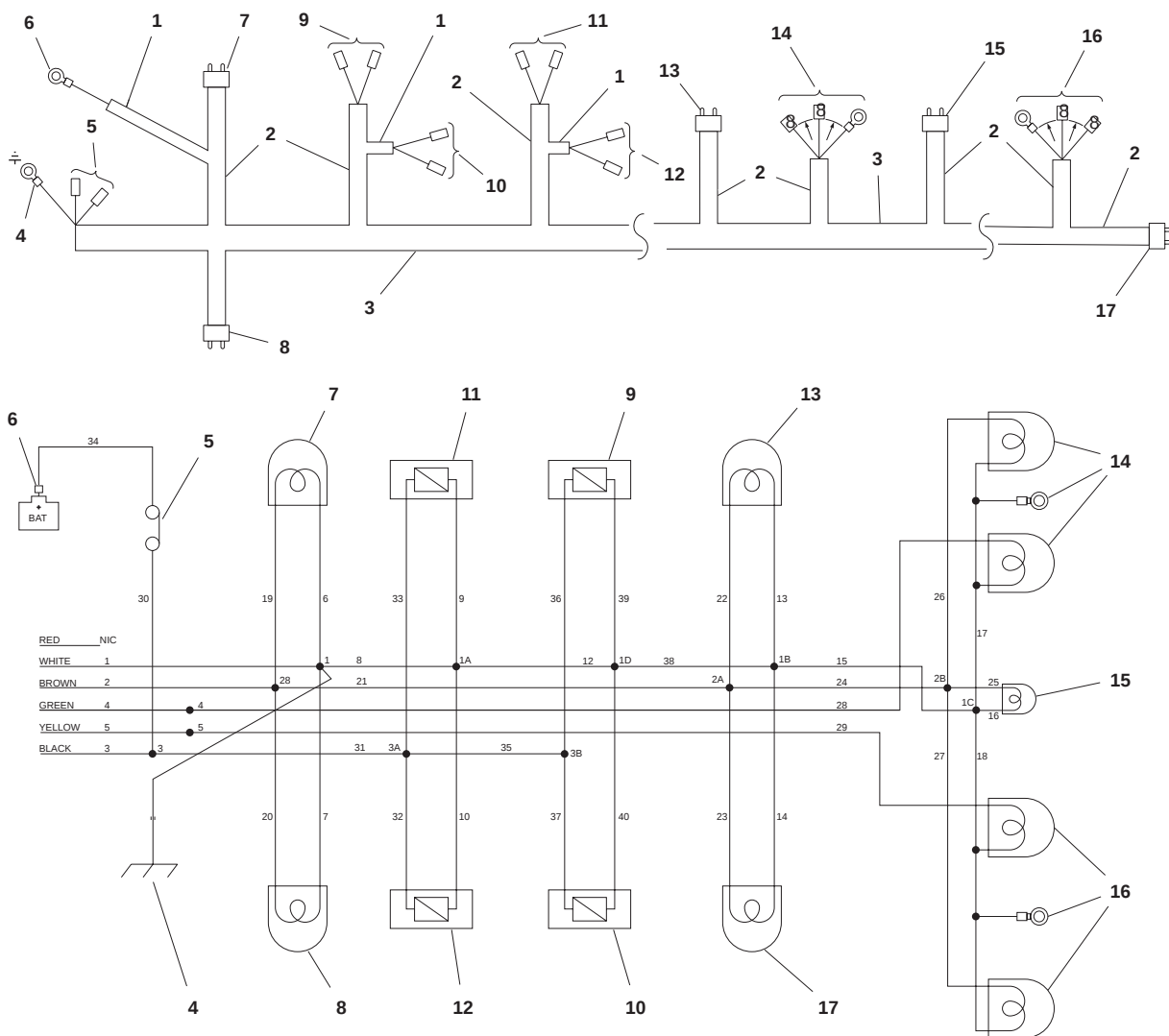
High Speed Running Gear



22326722_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.....

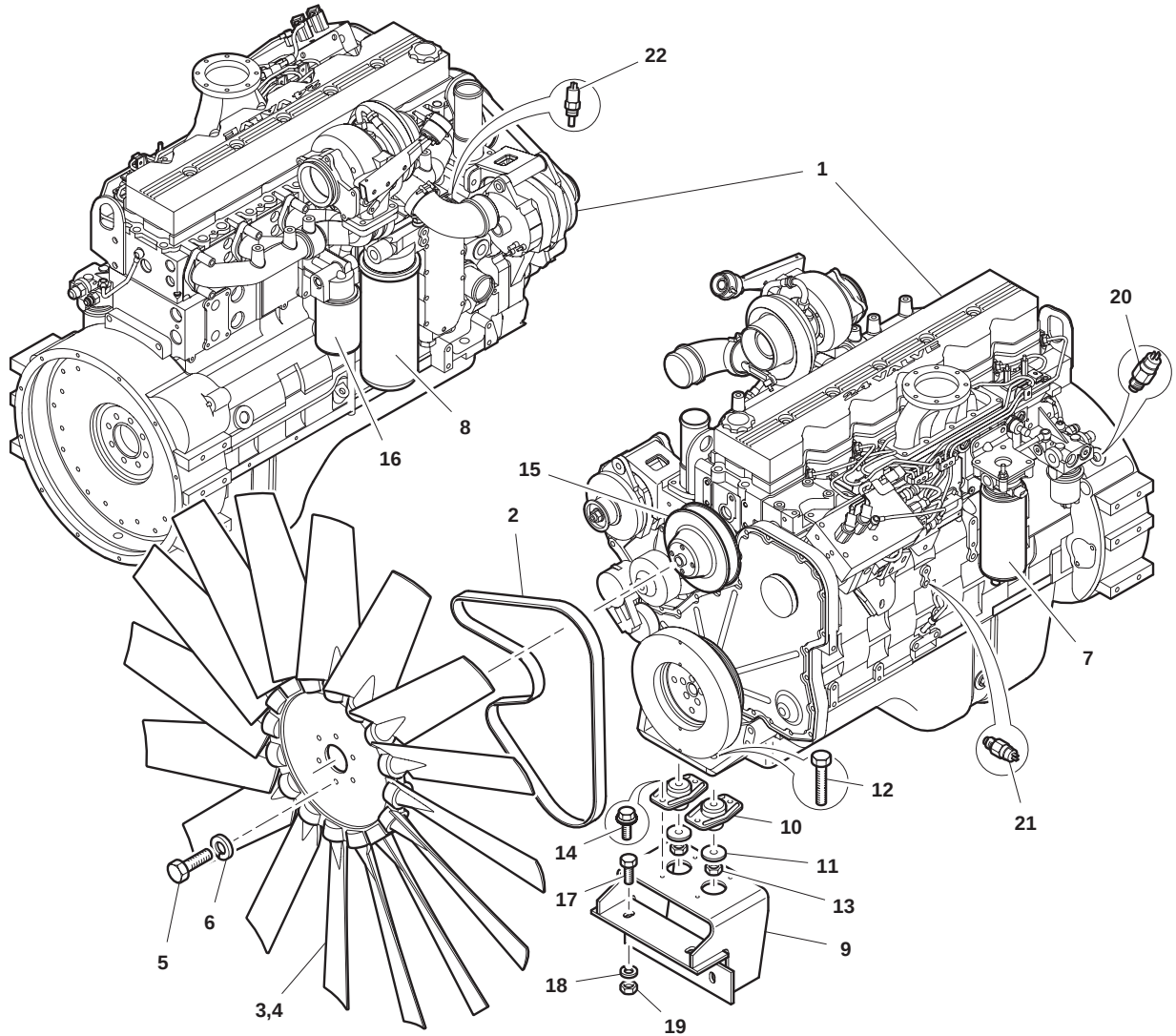
High Speed Running Gear



22326722_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	

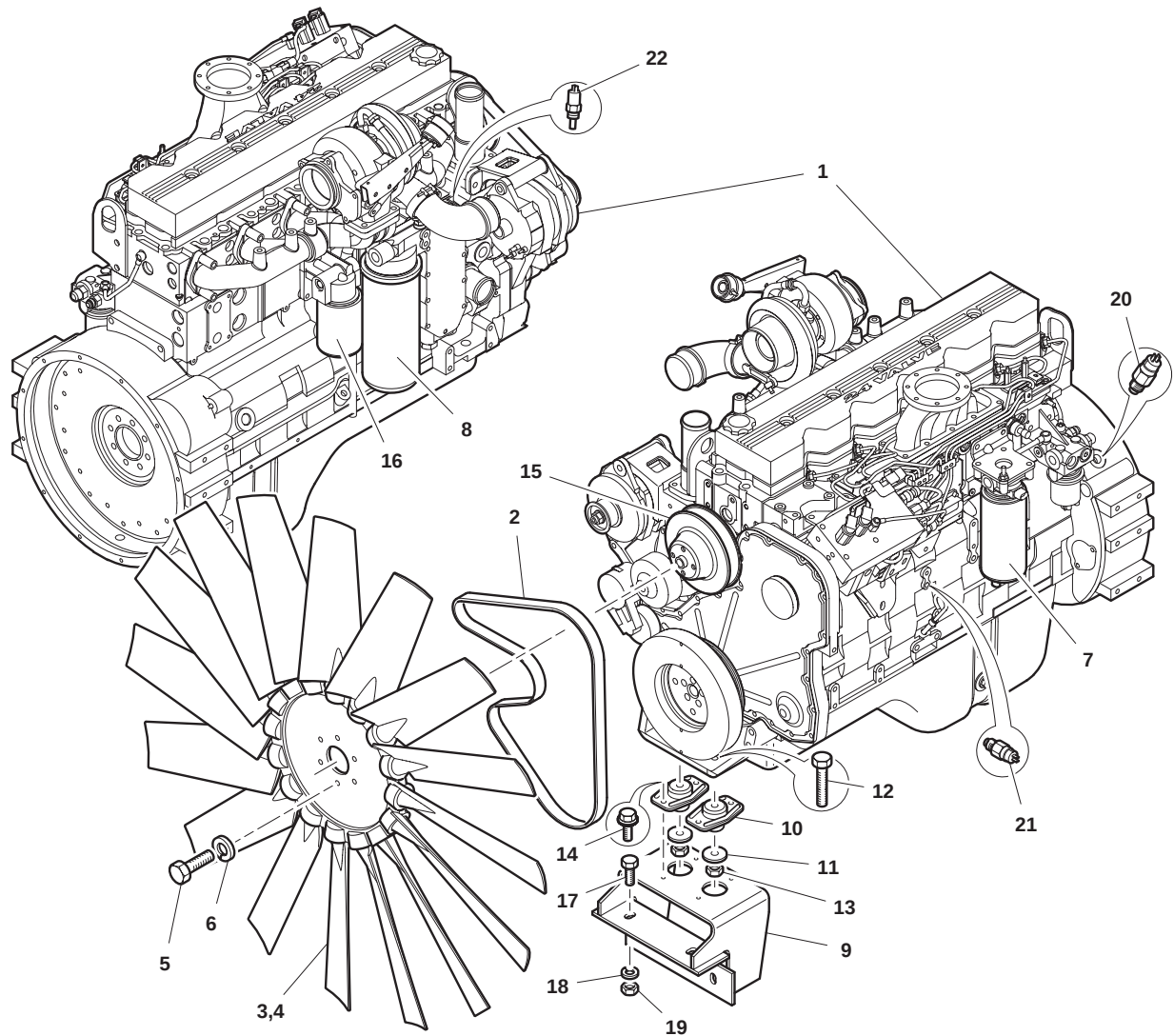
Engine Assembly - Cummins QSL 9



22326722_031_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22122899	Engine Cummins 300hp, MHP825, VHP750	1	Continued.....
1	22067581	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	

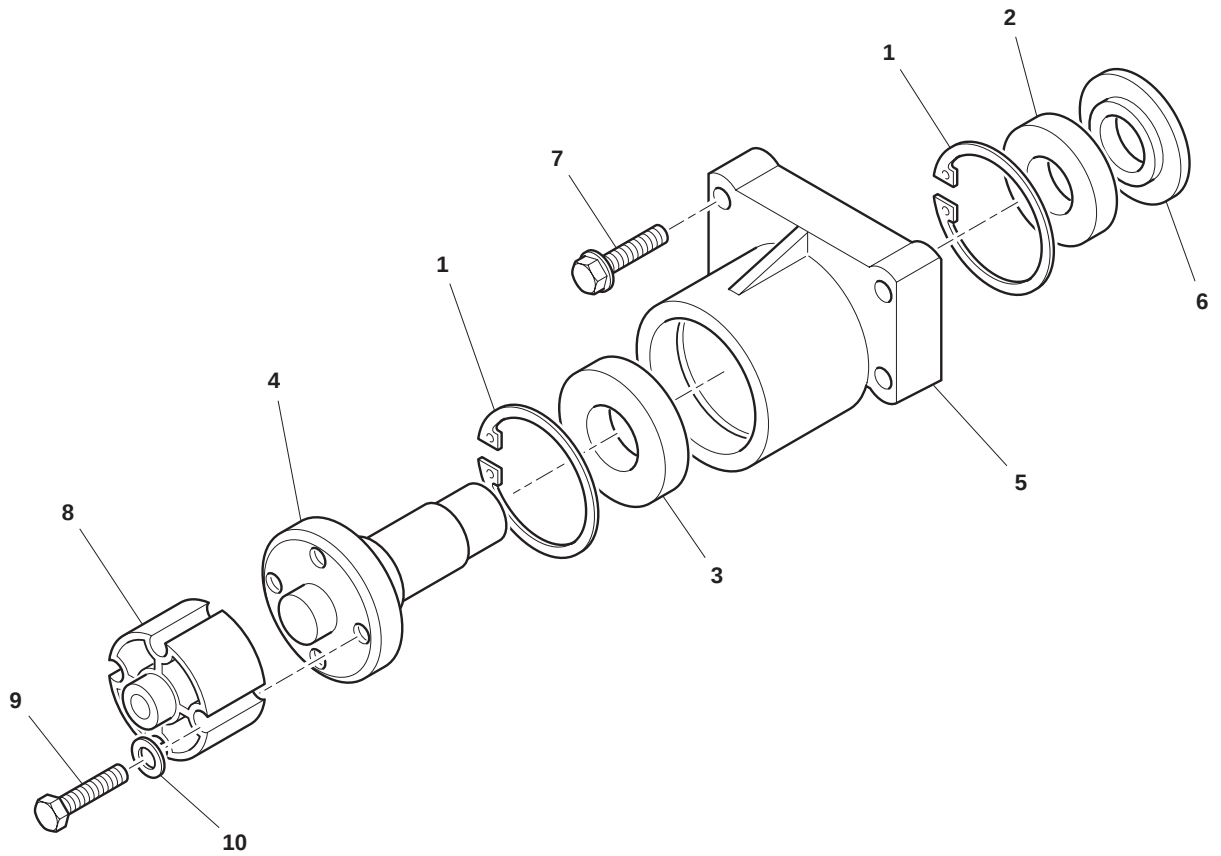
Engine Assembly - Cummins QSL 9



22326722_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

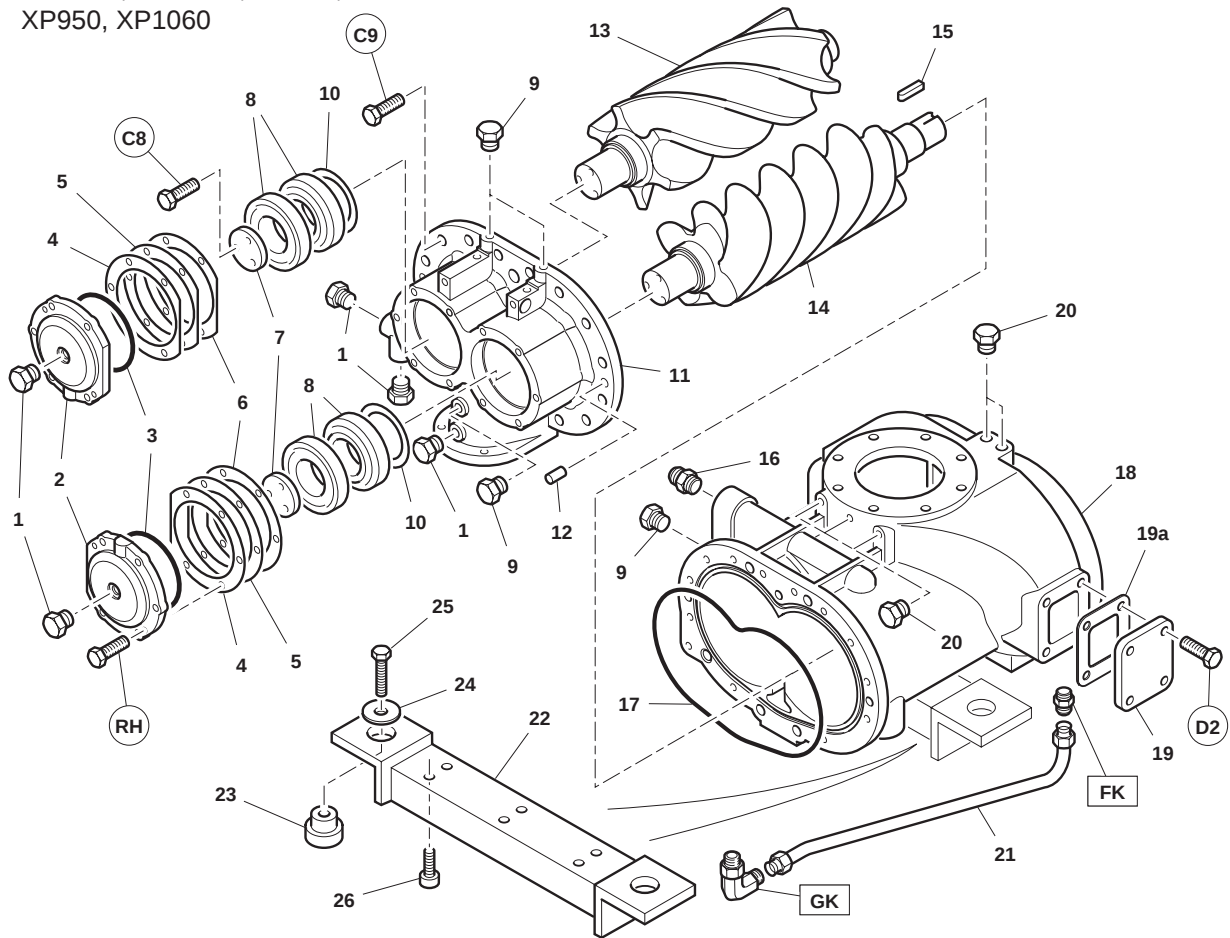


22326722_033_11/04_A

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

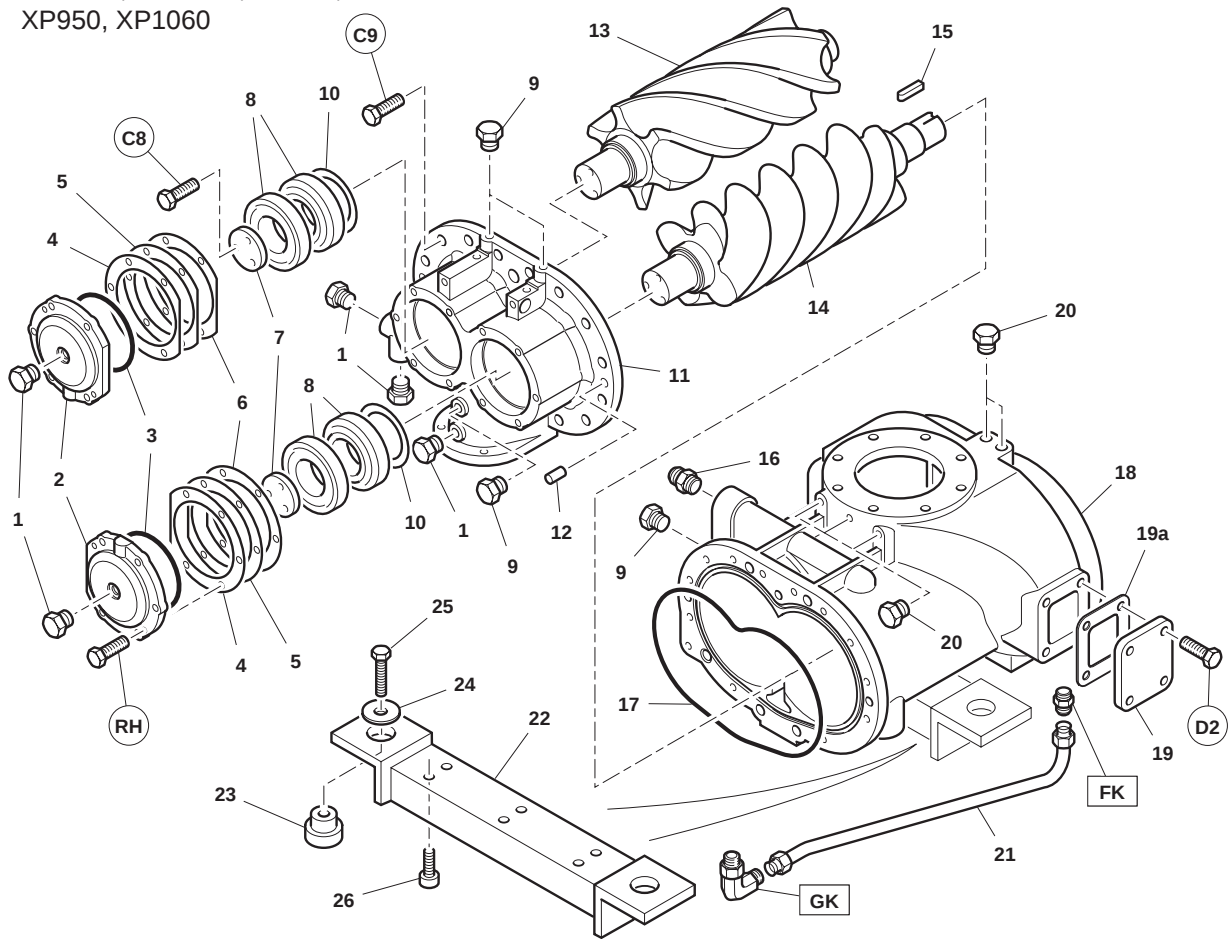


22326722_034_11/04_A

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

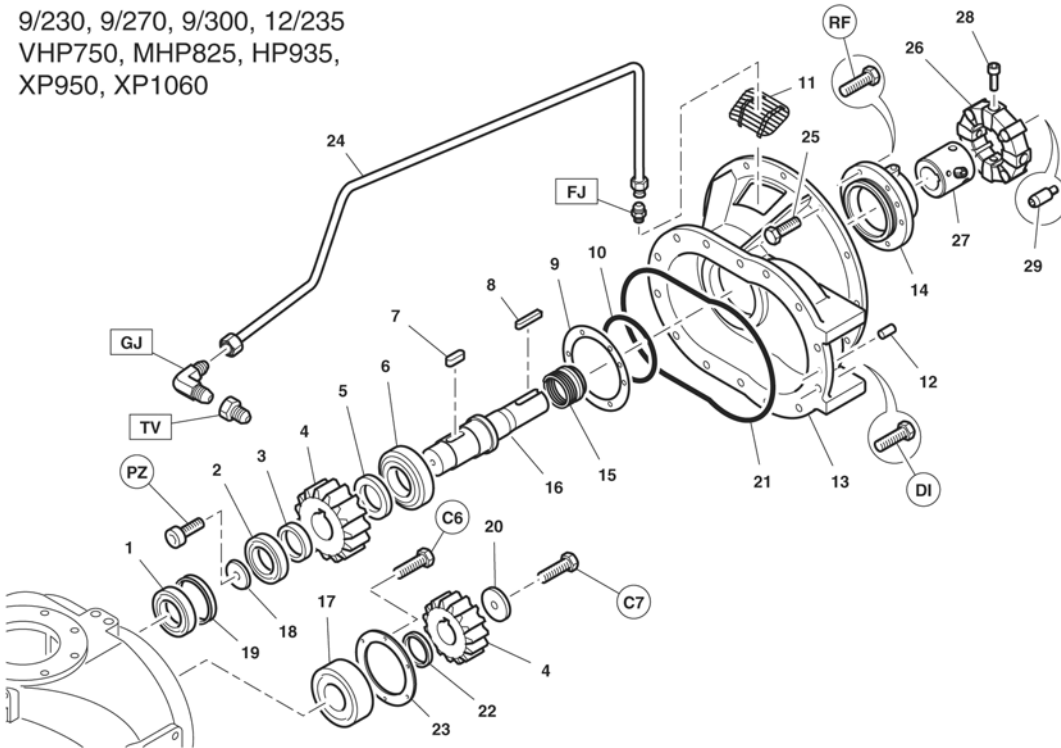


22326722_034_11/04_A

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



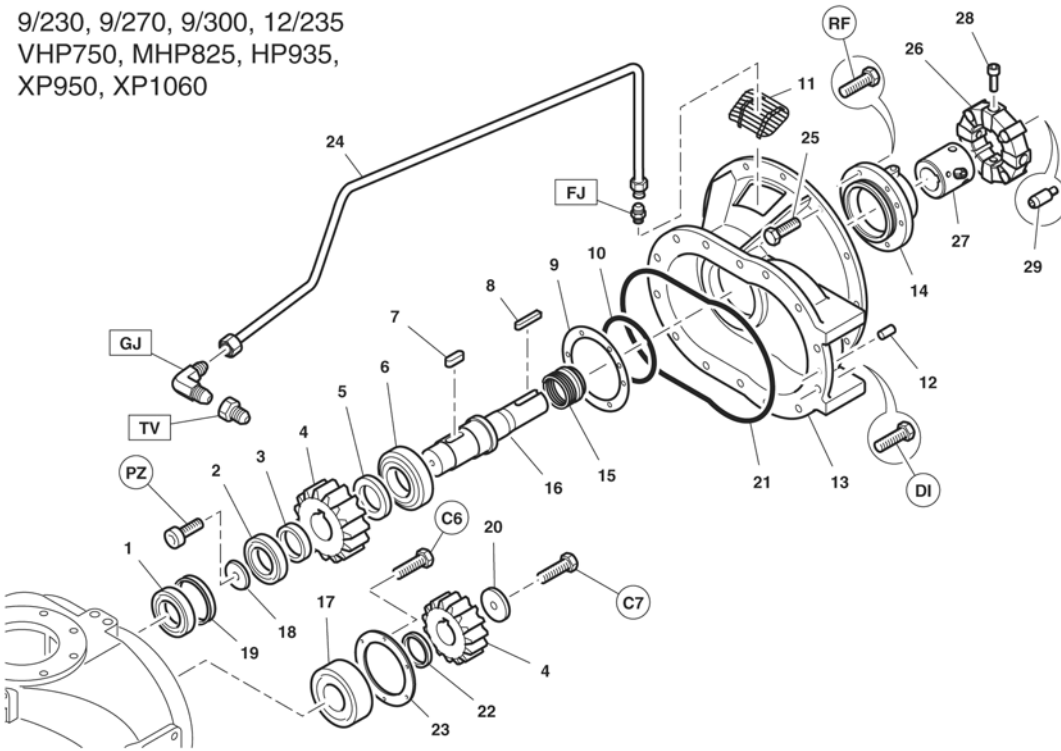
Model		Gear set	Airend complete including gears
9/230	—	36740546	42437590
9/270	XP950	36893378	42455378
9/300	XP1060	93488732	42455345
12/235	MHP825	36740546	42437590
—	HP935	36893360	42455337
—	VHP750	35334853	42437582

22326722_036_11/04_A

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

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



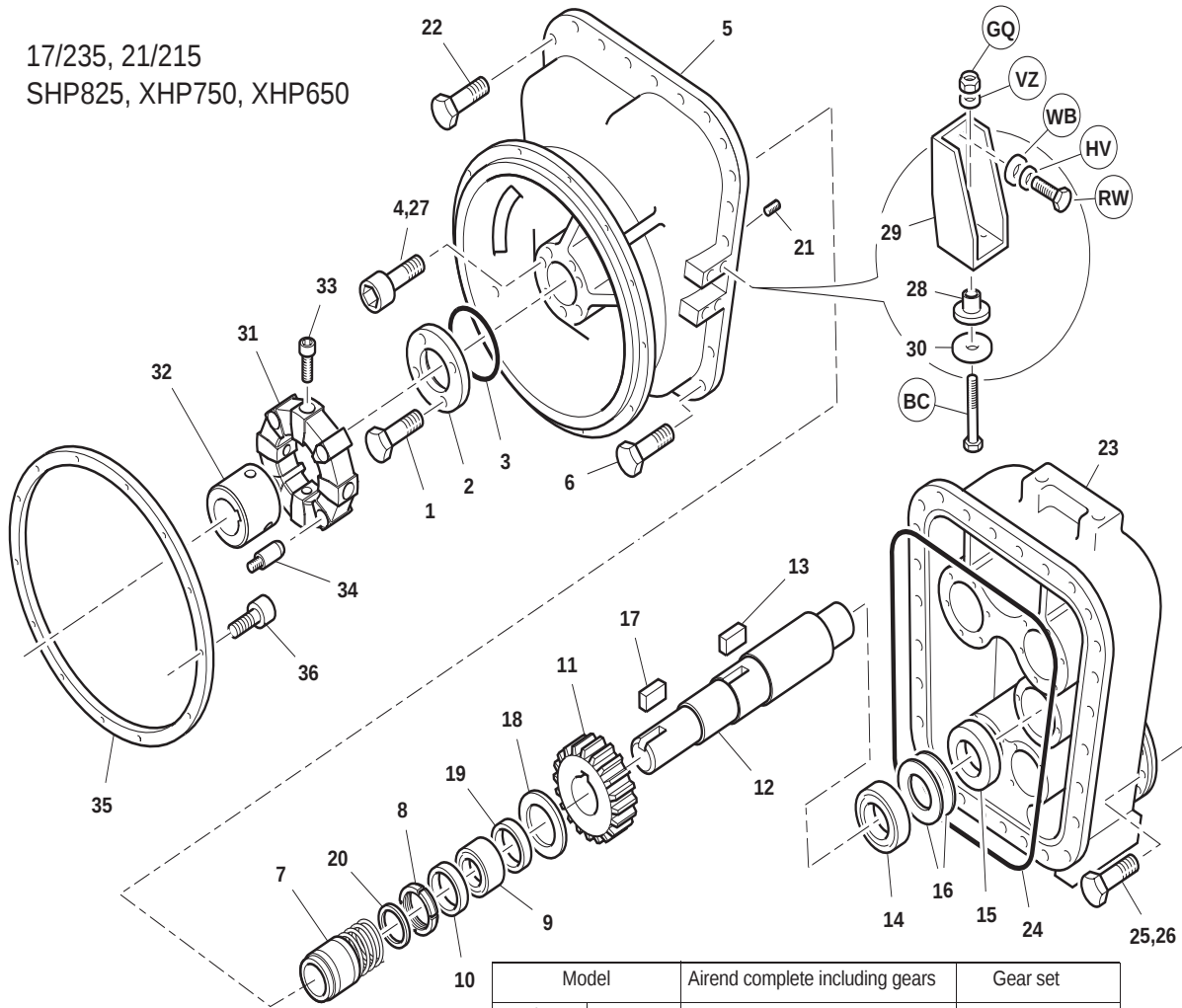
Model		Gear set	Airend complete including gears
9/230	—	36740546	42437590
9/270	XP950	36893378	42455378
9/300	XP1060	93488732	42455345
12/235	MHP825	36740546	42437590
—	HP935	36893360	42455337
—	VHP750	35334853	42437582

22326722_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



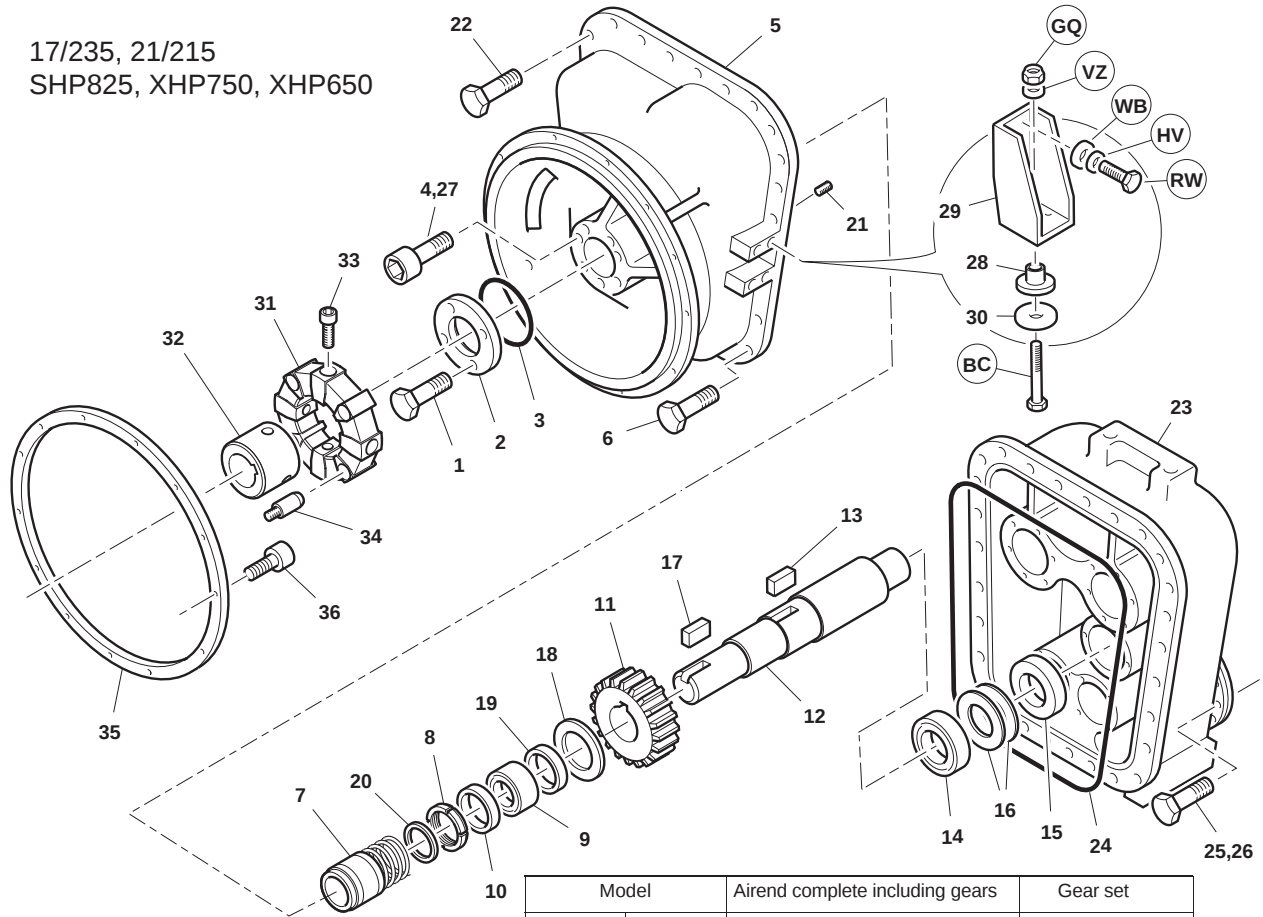
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428
—	XHP650	35086859	36746410

22326722_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



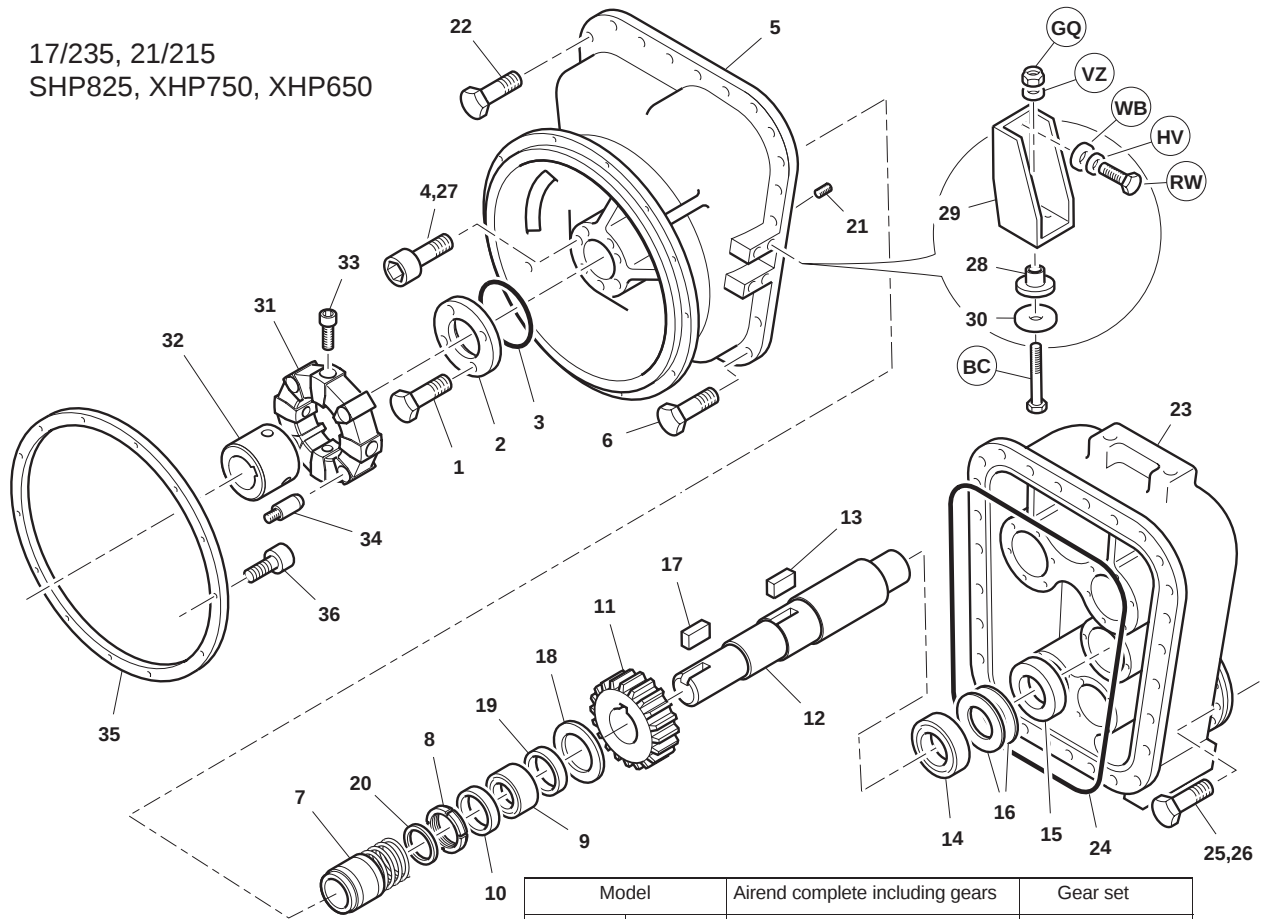
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428
—	XHP650	35086859	36746410

22326722_038_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	35372010	Spacer	1	Continued
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	
				Continued.....

Airend Assembly

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



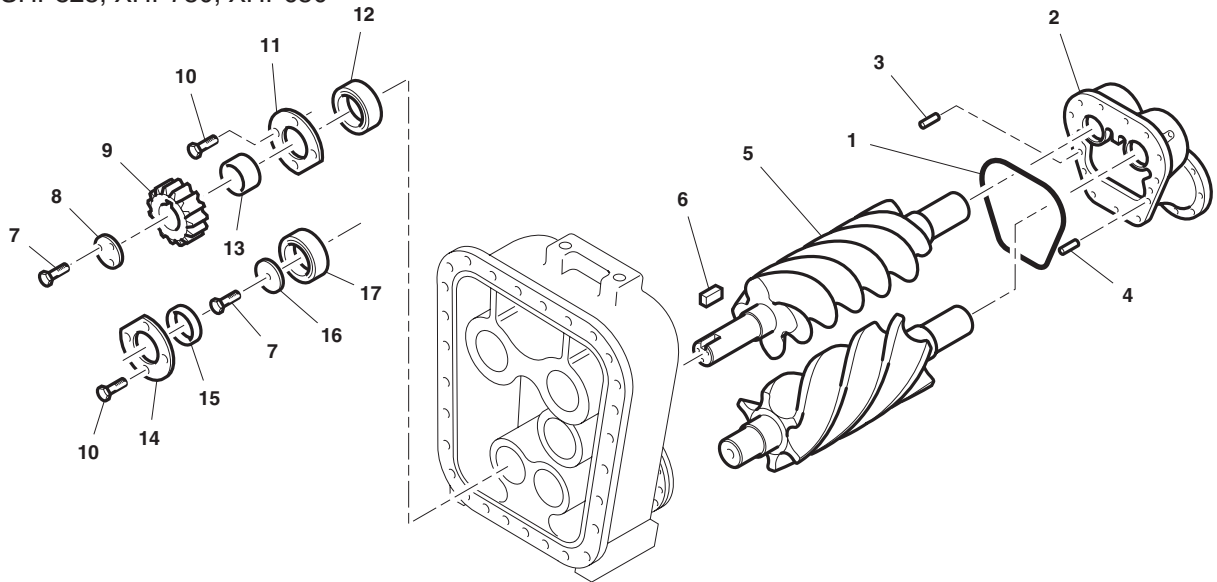
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428
—	XHP650	35086859	36746410

22326722_038_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
28	92894518	Mount	2	 <i>Continued</i>
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

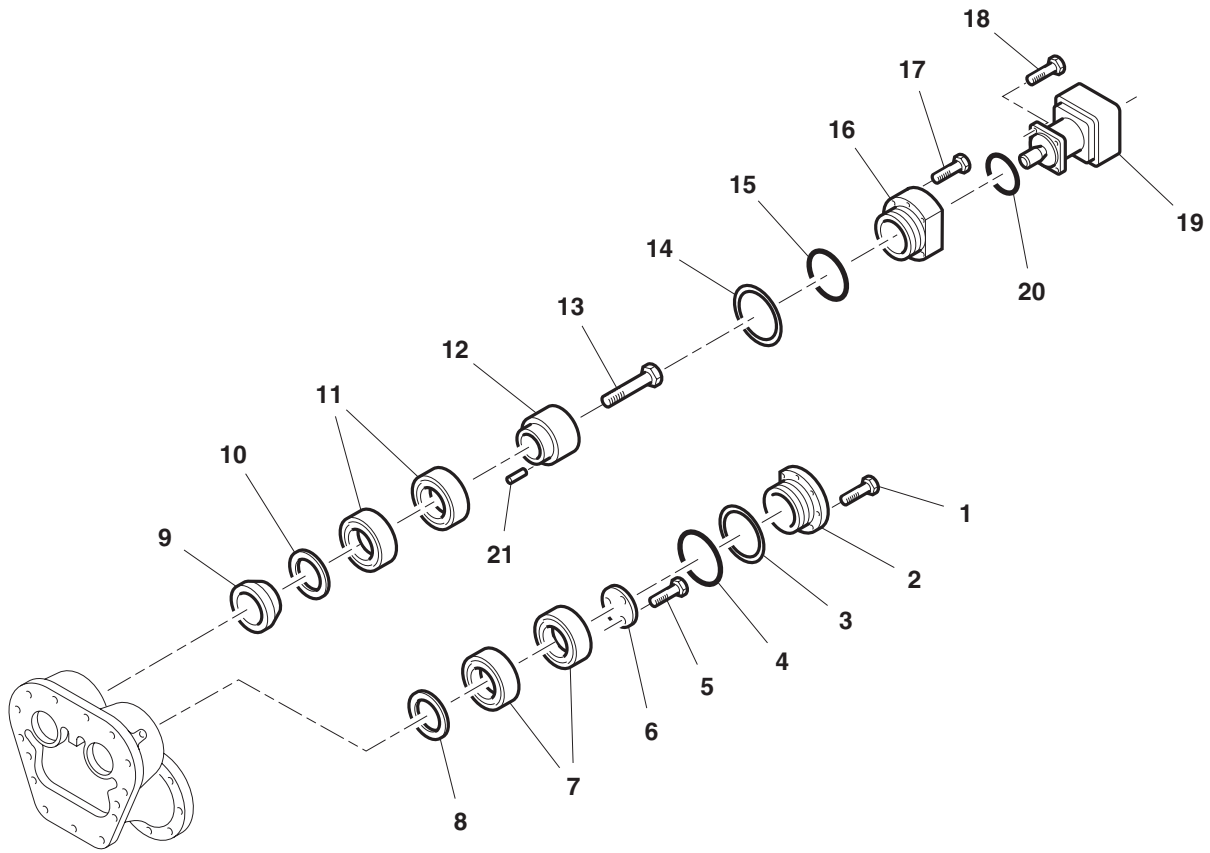


Model		New Airend including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428
—	XHP650	35086859	36746410

22326722_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

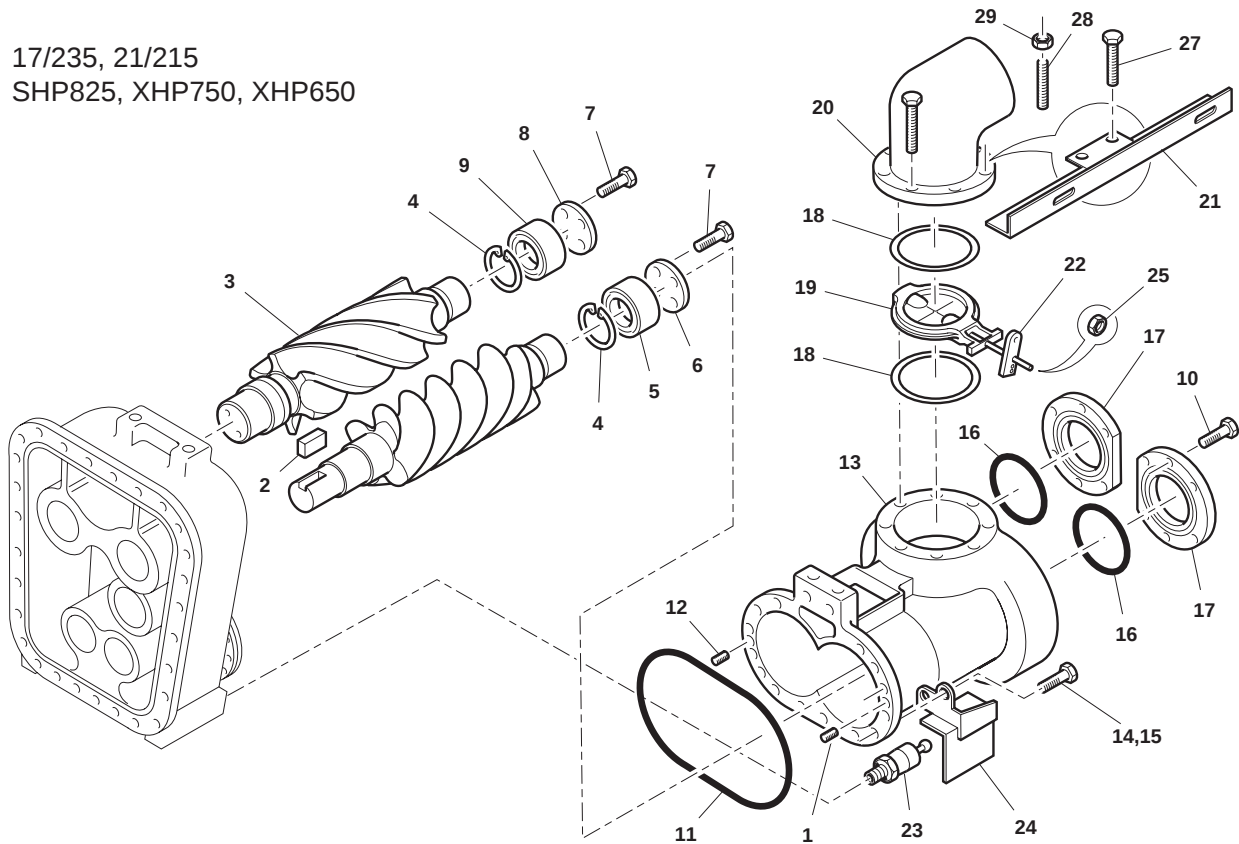


22326722_042_11/04_A

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

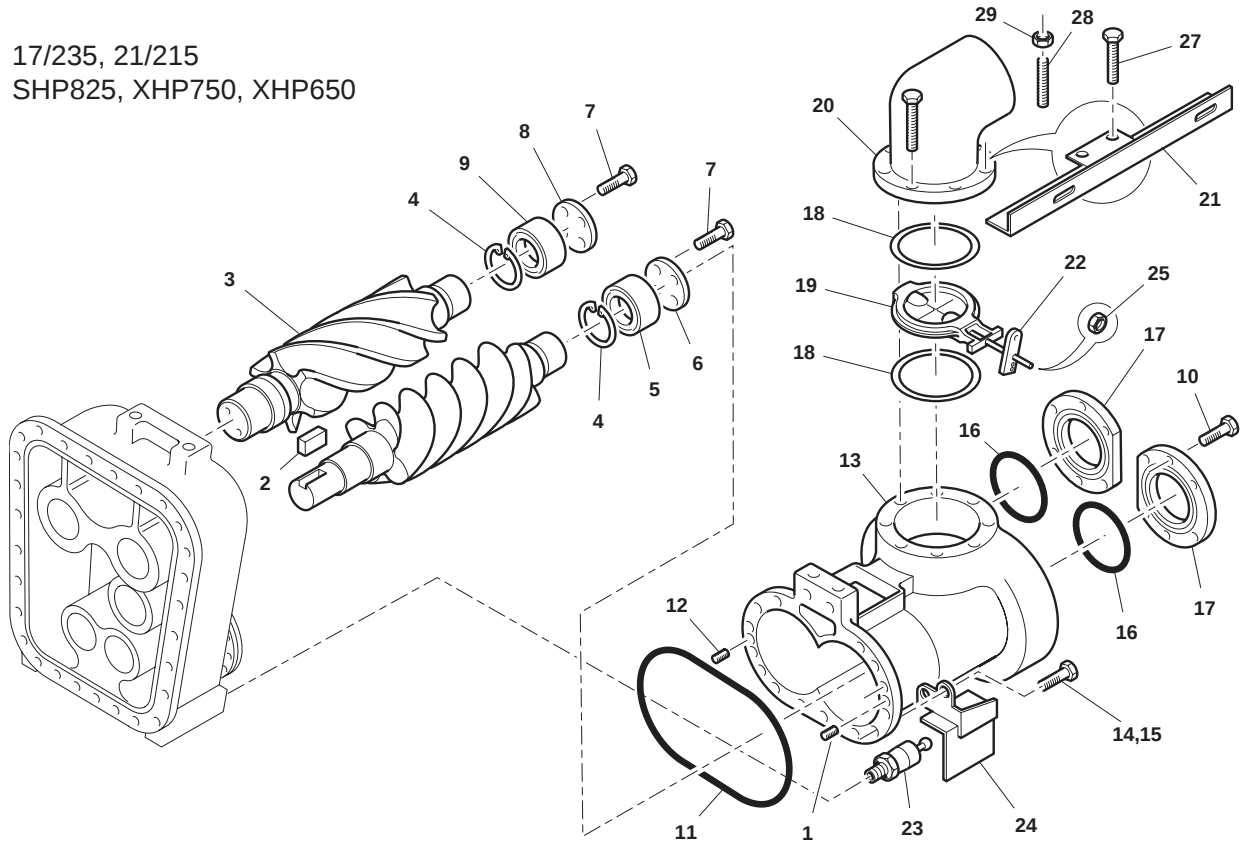


22326722_043_11/04_A

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

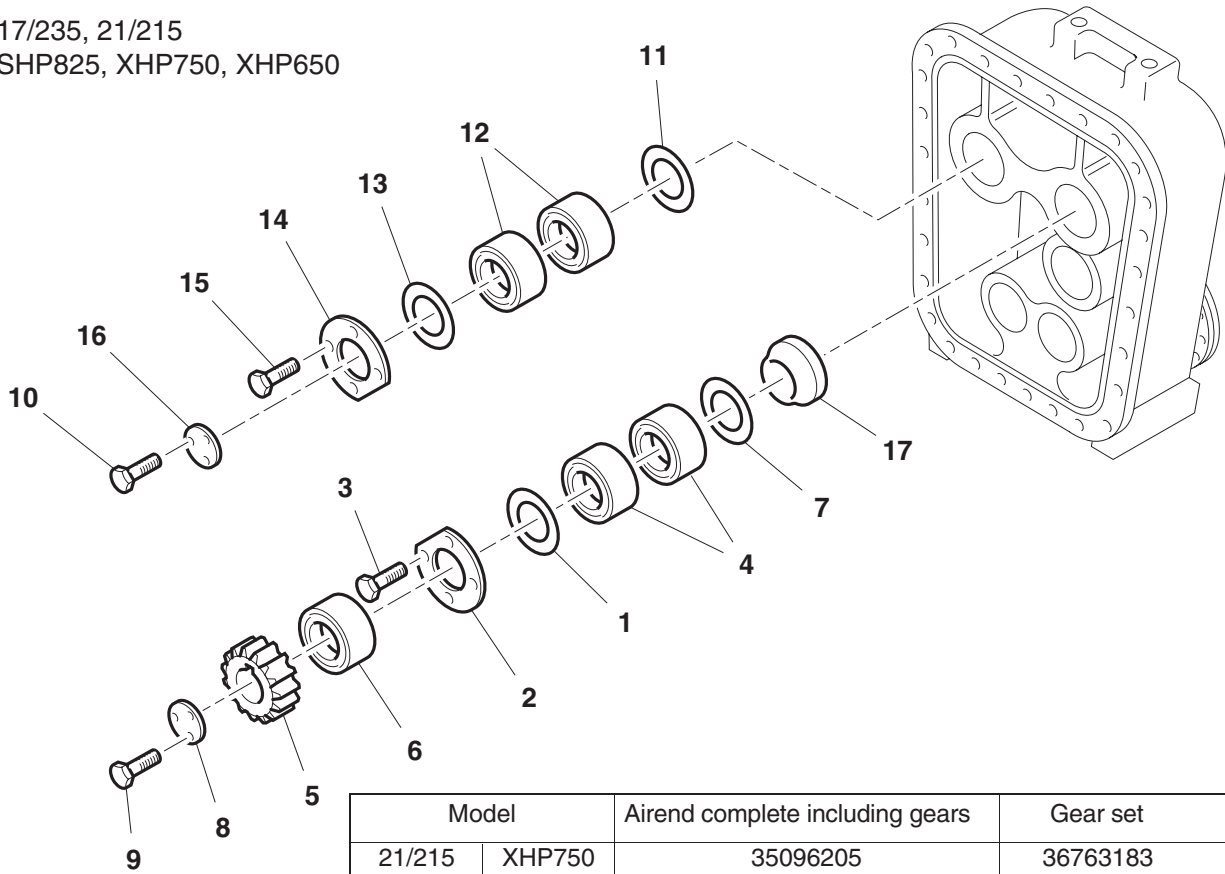


22326722_043_11/04_A

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



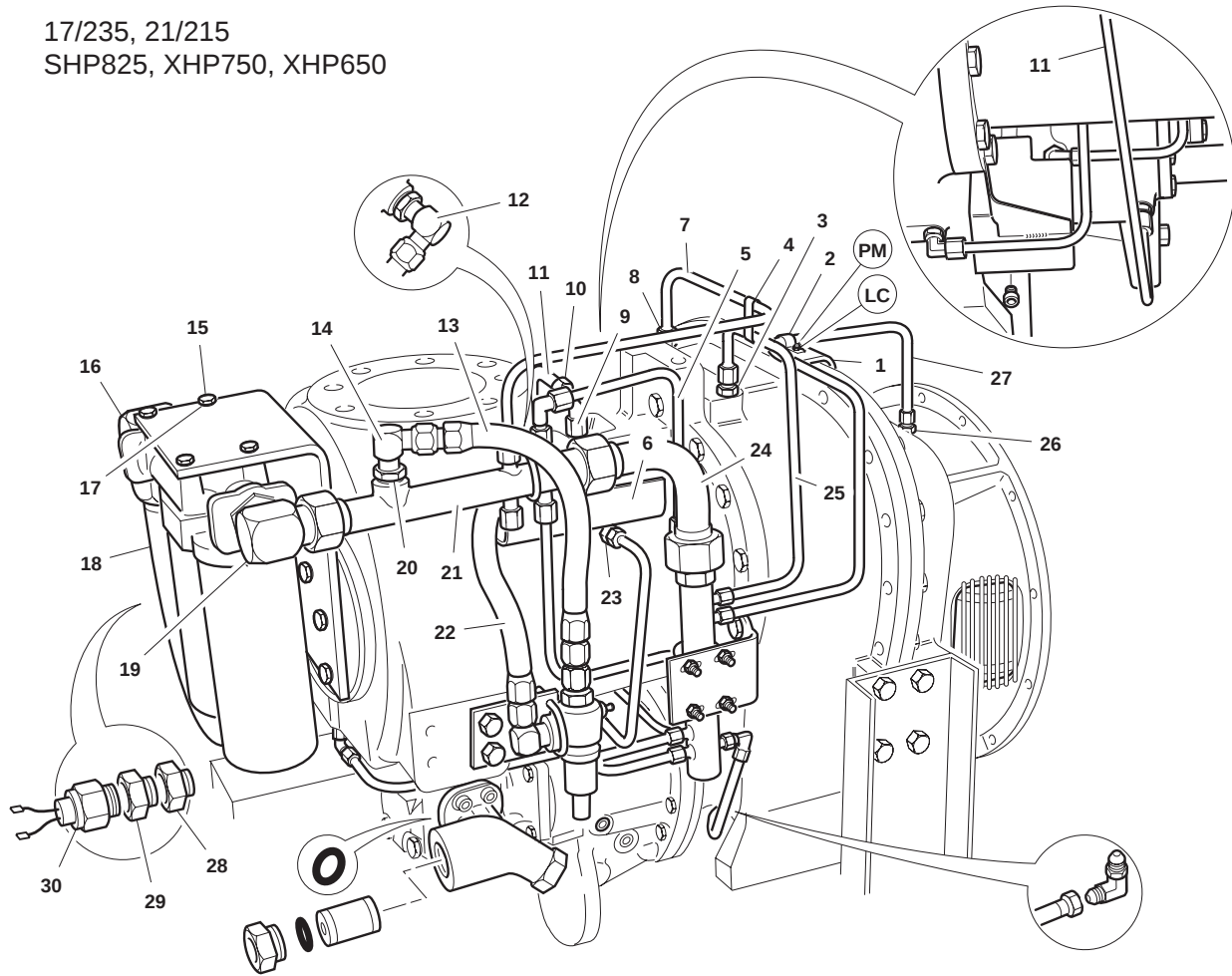
Model		Airend complete including gears	Gear set
21/215	XHP750	35096205	36763183
17/235	SHP825	35086354	36746428
—	XHP650	35086859	36746410

22326722_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

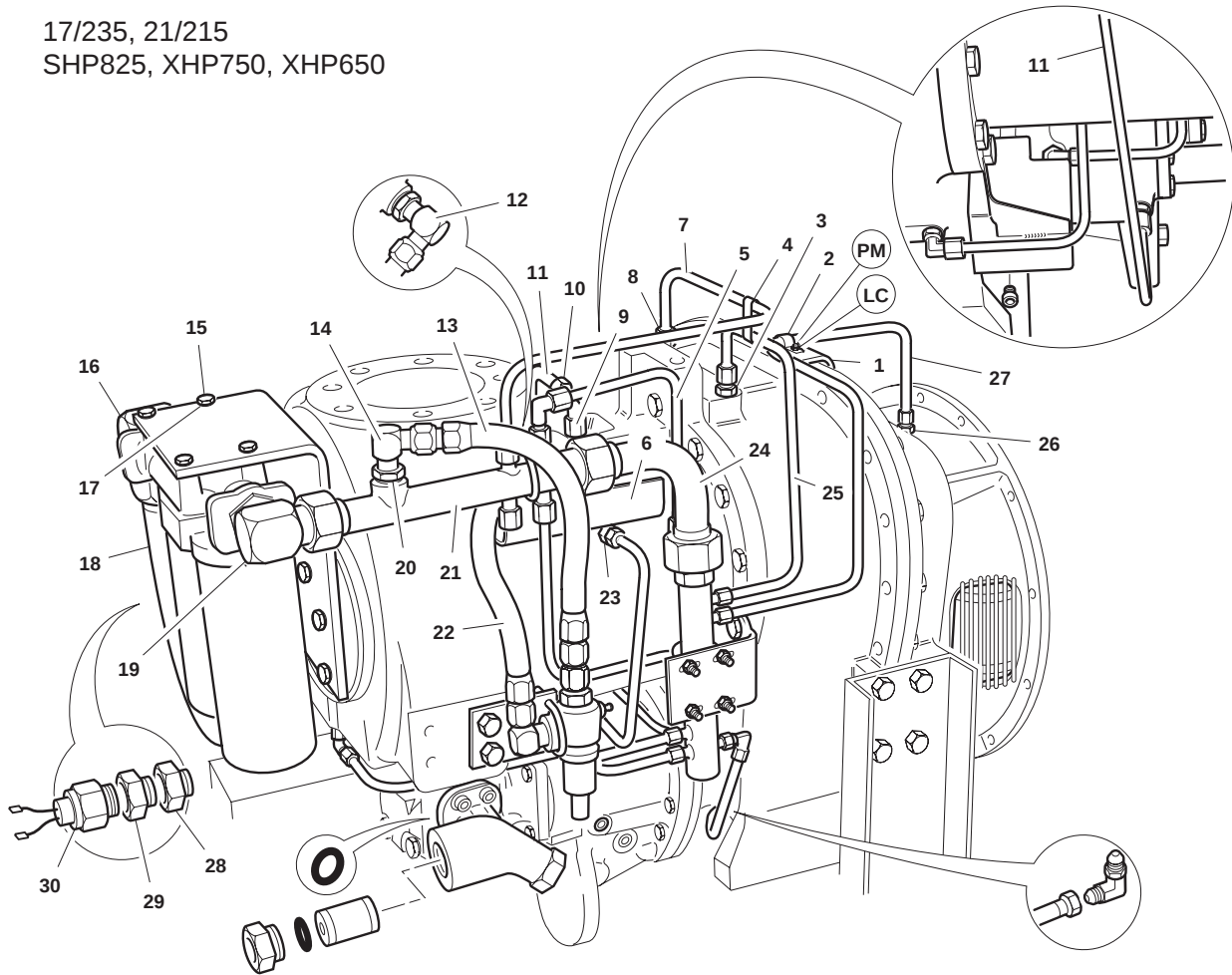


22326722_046_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35863885	Bracket	1	
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	
				Continued.....

Airend Pipework

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

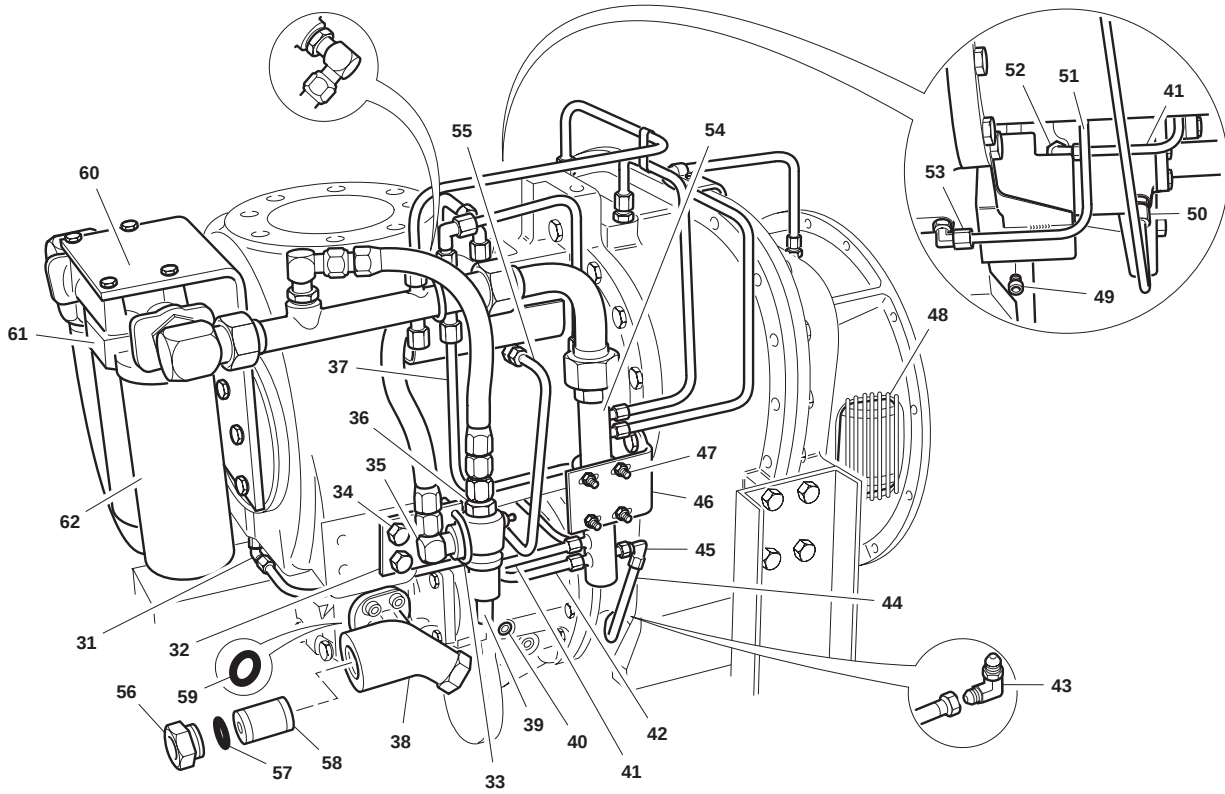


22326722_046_11/04_A

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

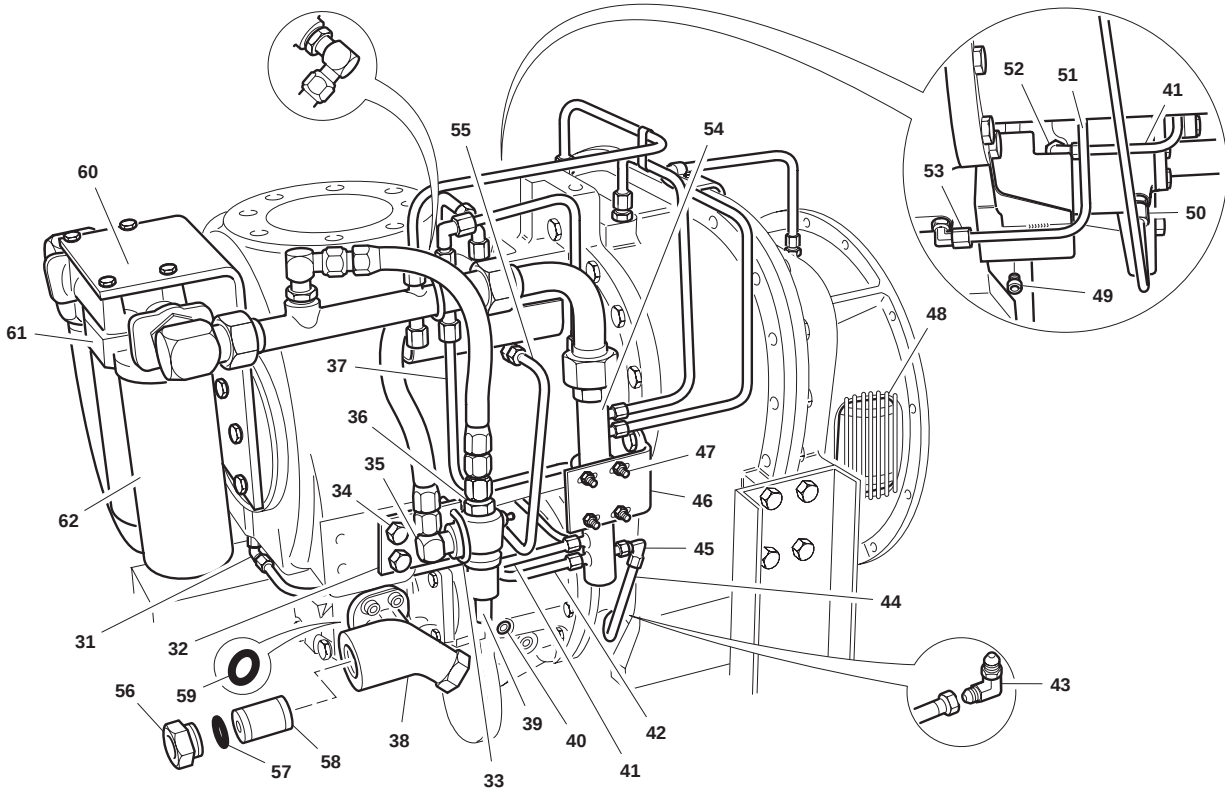


22326722_046_11/04_A

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

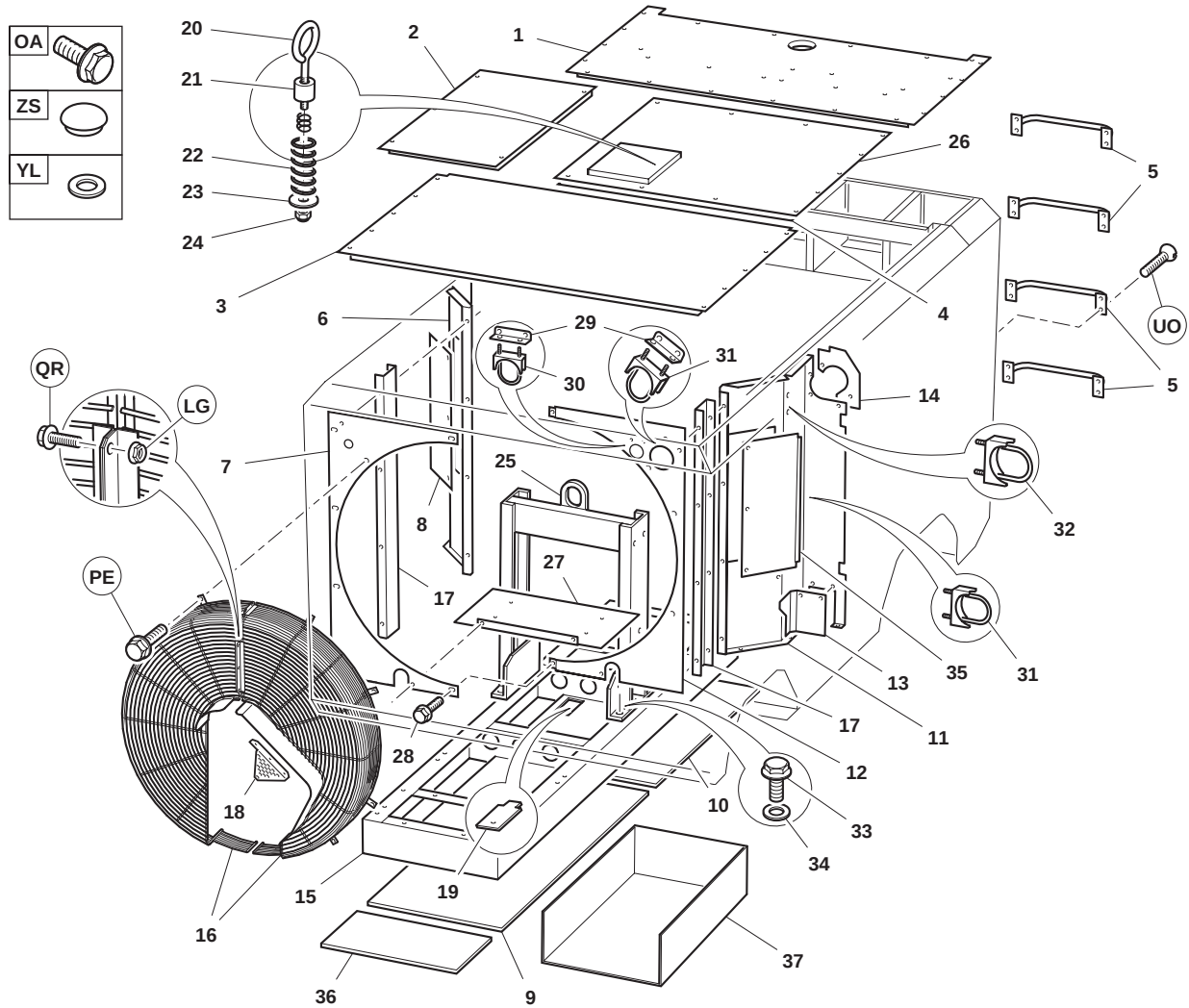
17/235, 21/215
SHP825, XHP750, XHP650



22326722_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	

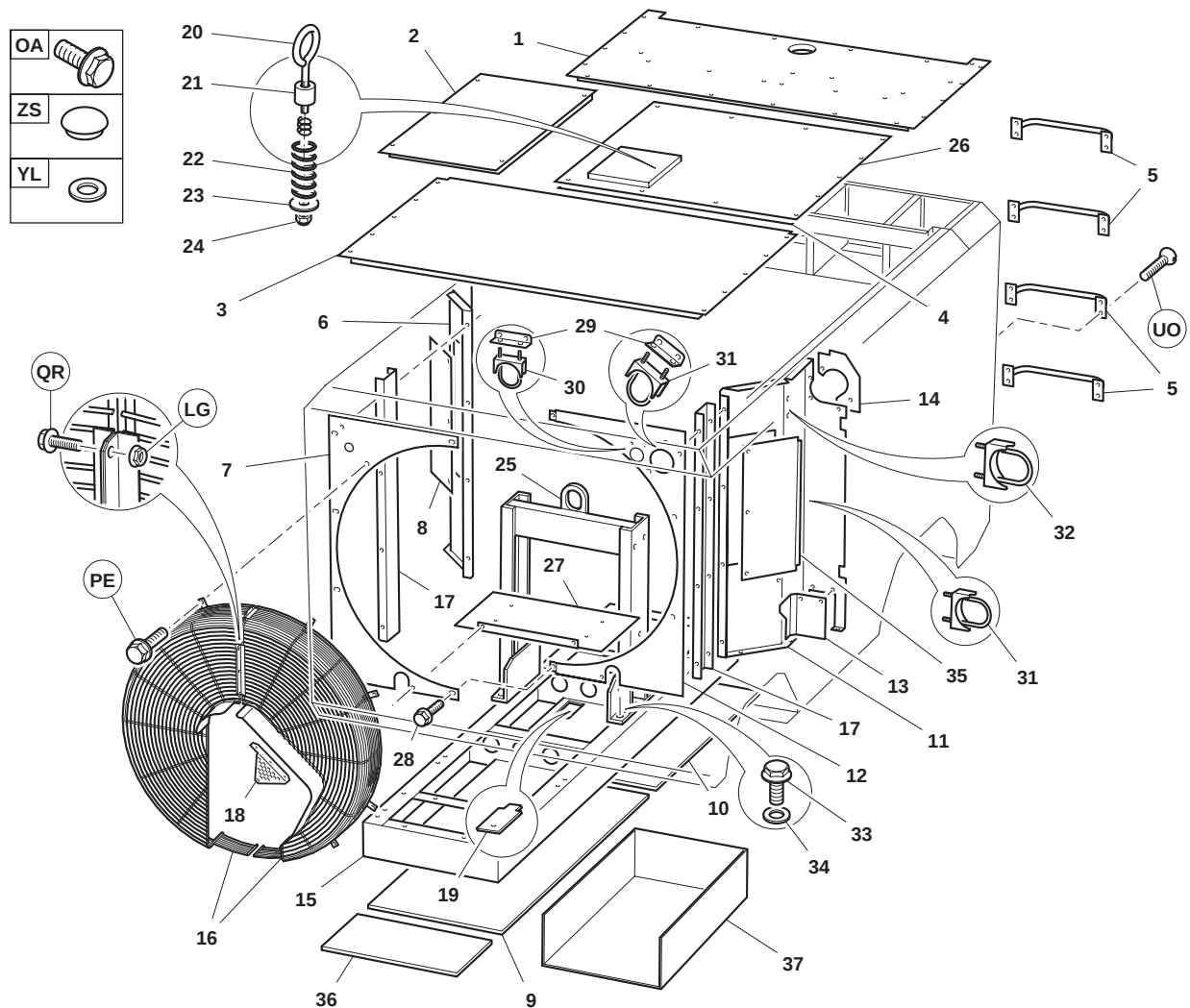
Enclosure



22326722_050_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22081988	Panel	1	<i>Continued.....</i>
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	

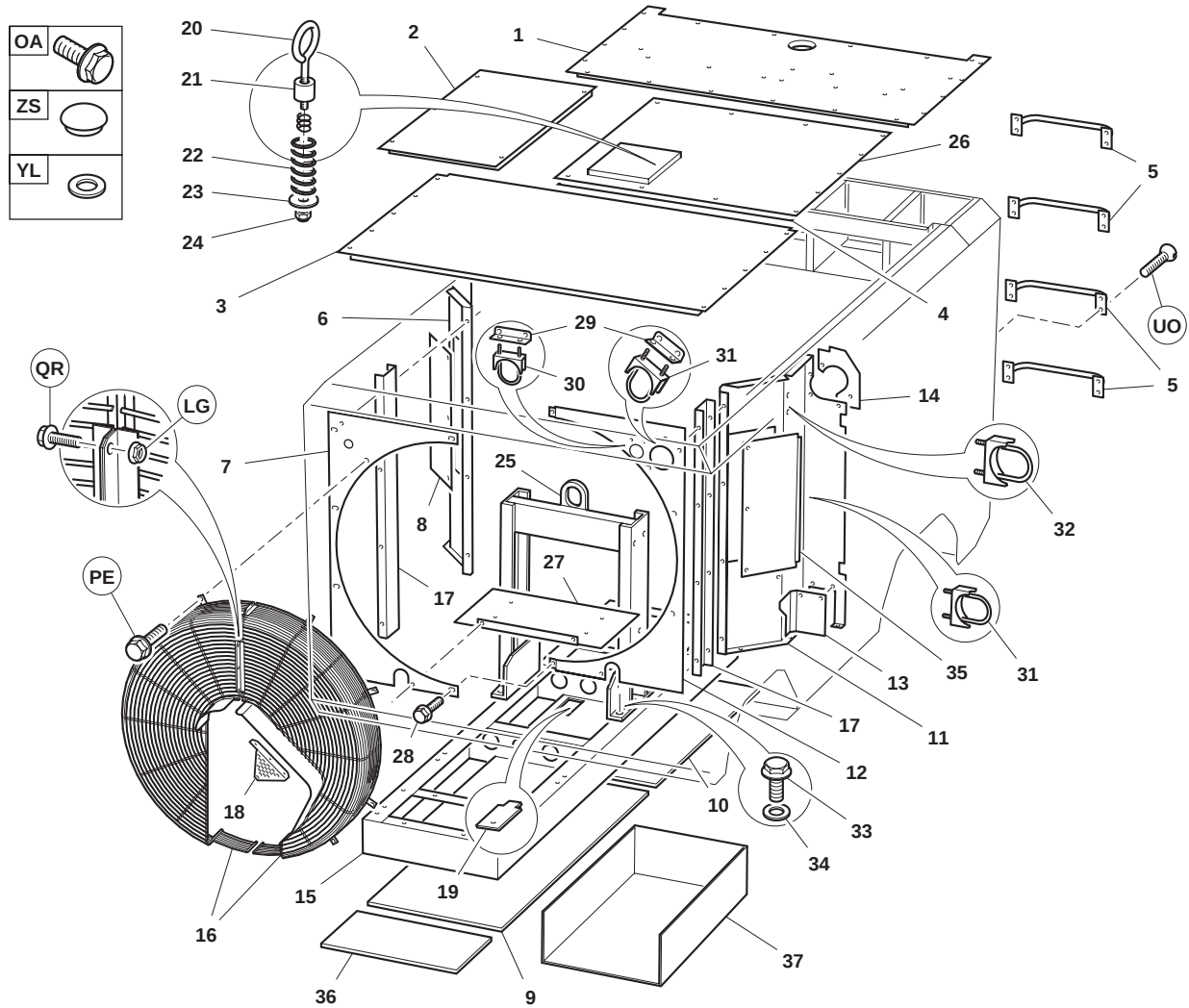
Enclosure



22326722_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.....

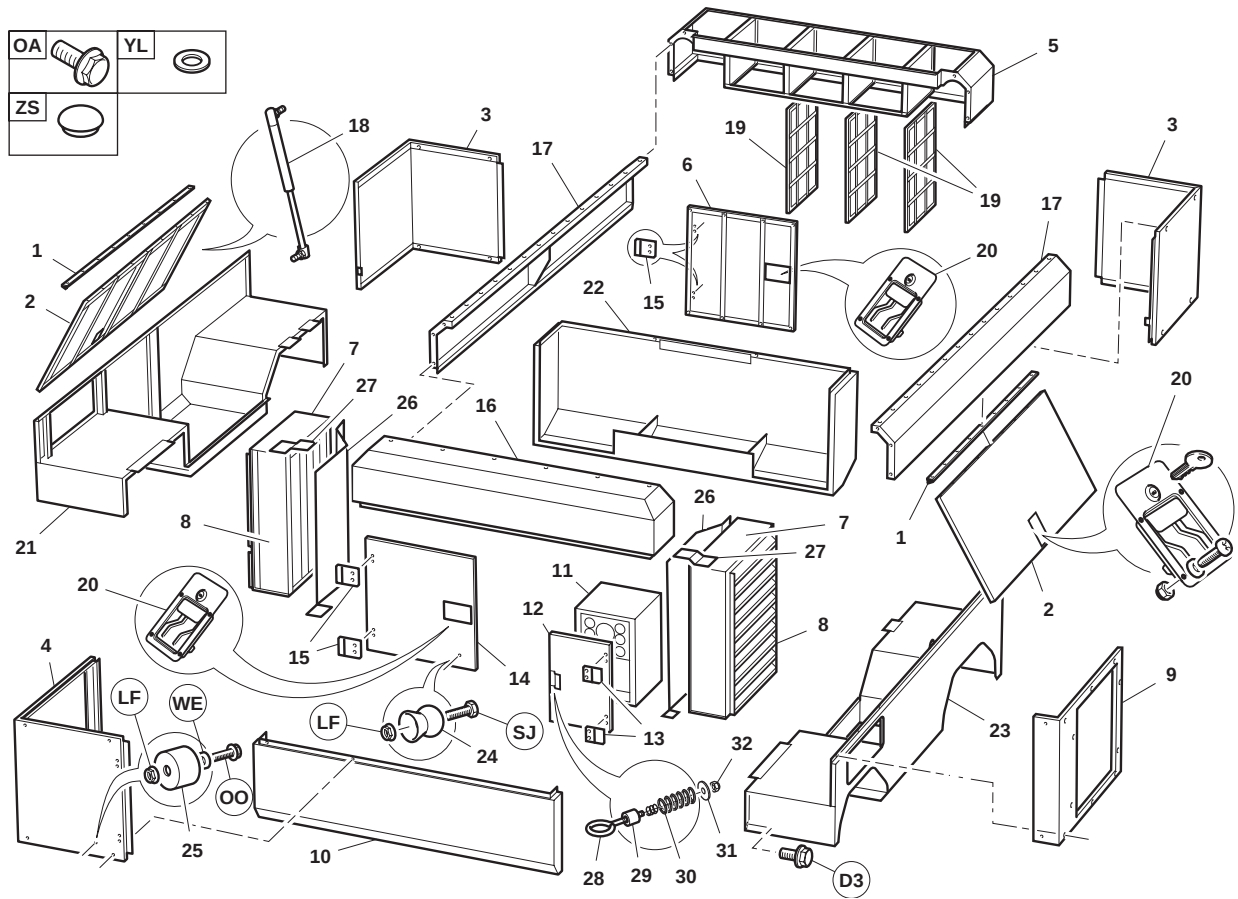
Enclosure



22326722_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	

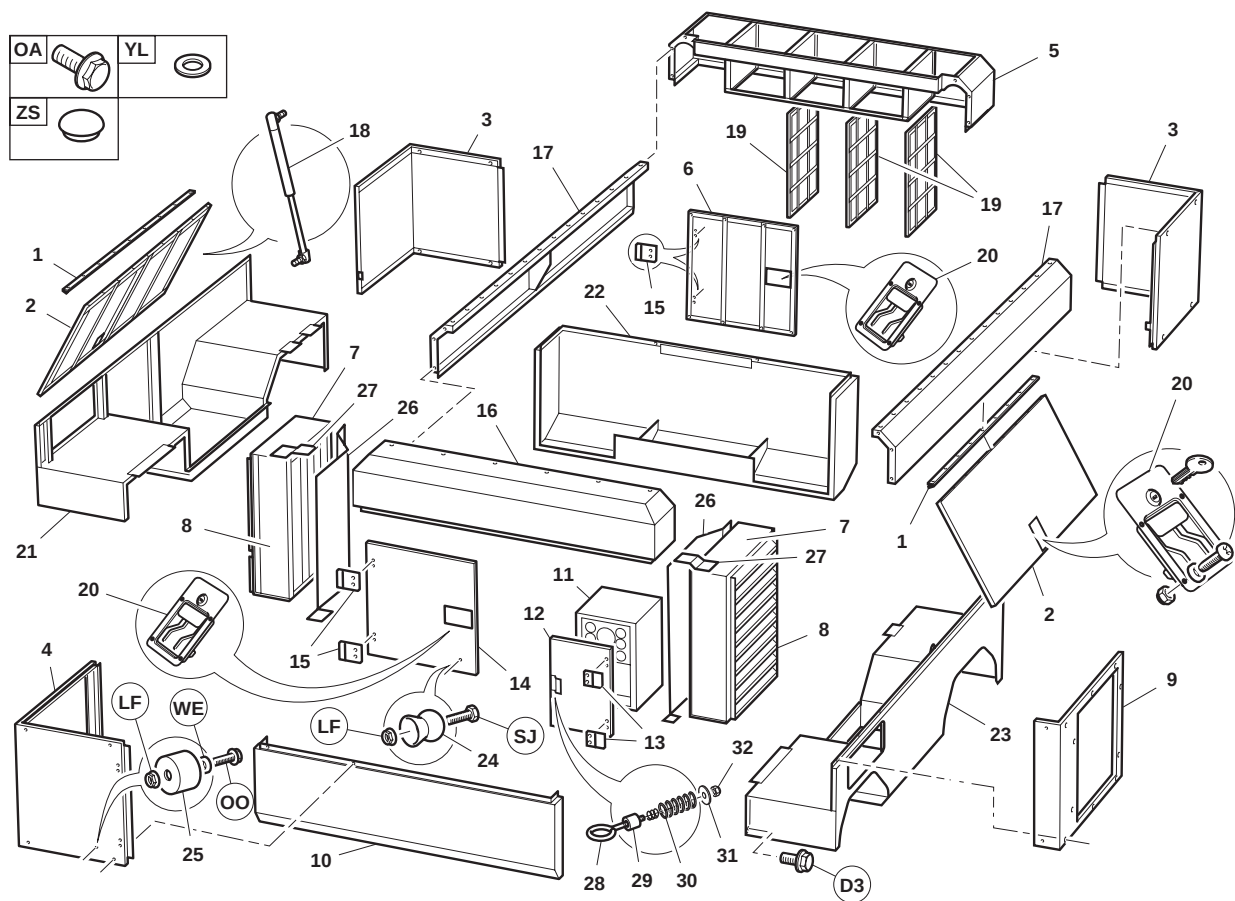
Enclosure



22326722_053_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912419	Hinge	2	
2	22123368	Door Assembly	2	
3	22184907	Panel	2	
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.....

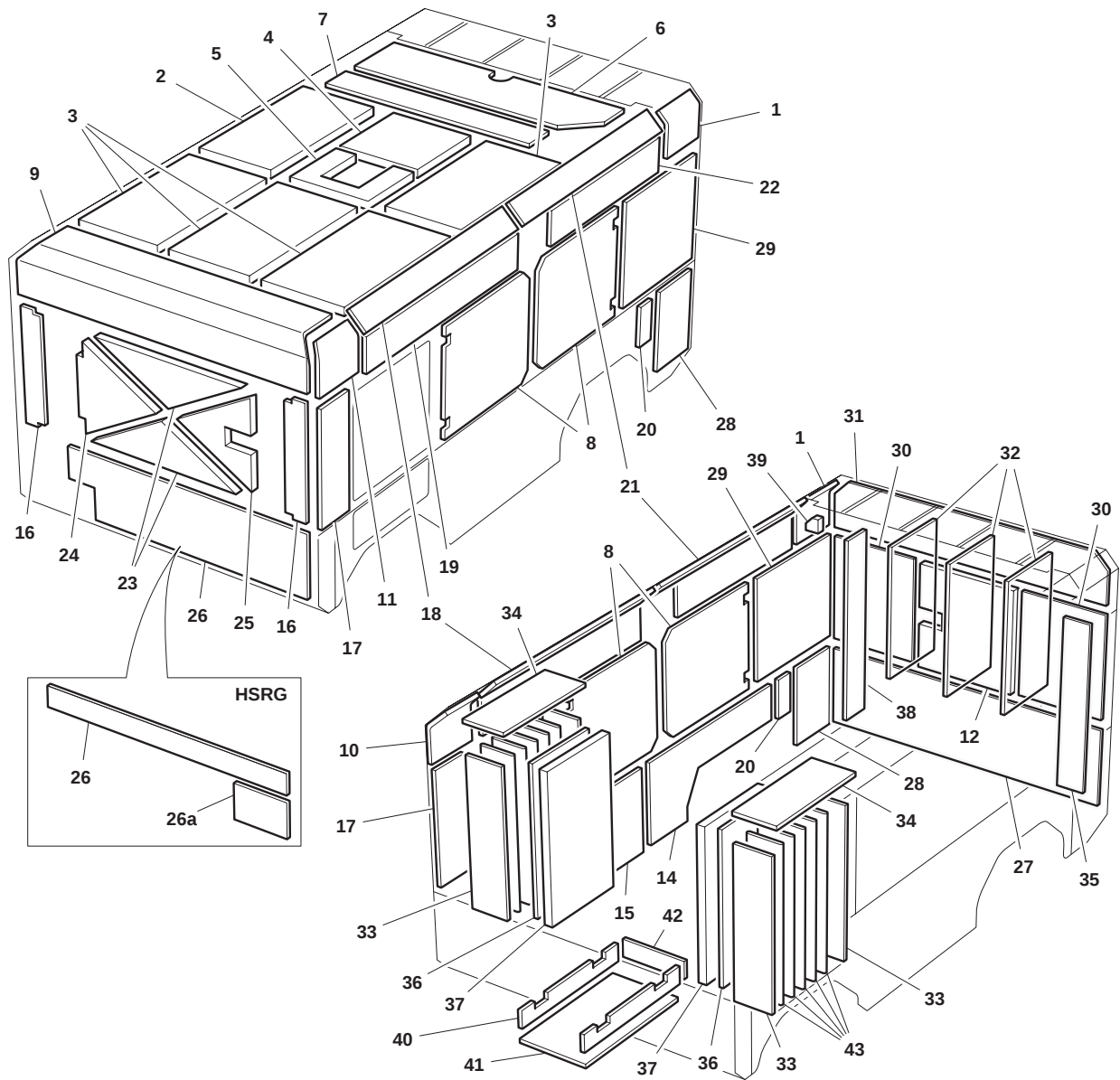
Enclosure



22326722_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	

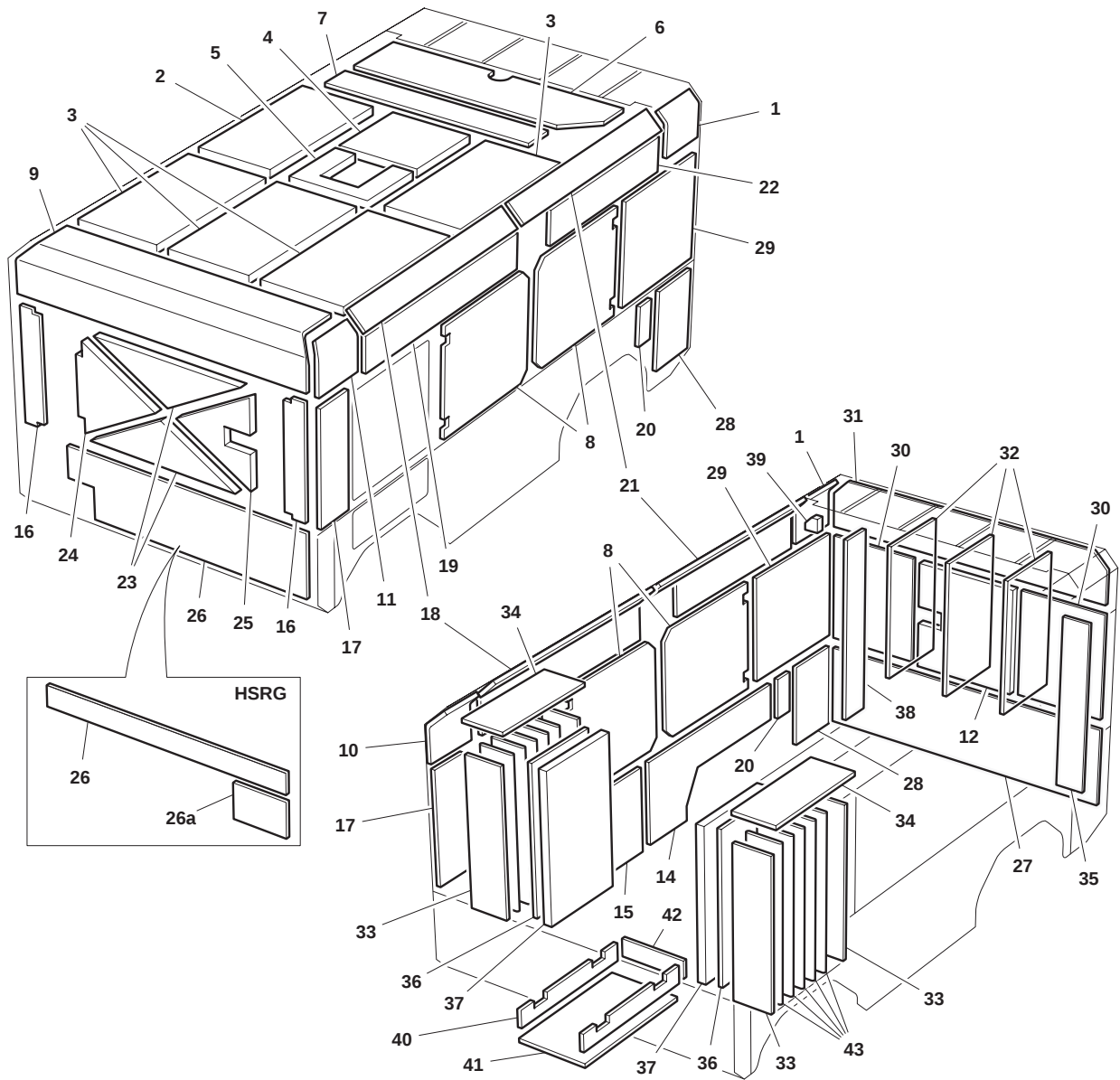
Foam



22326722_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	Continued.....
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	

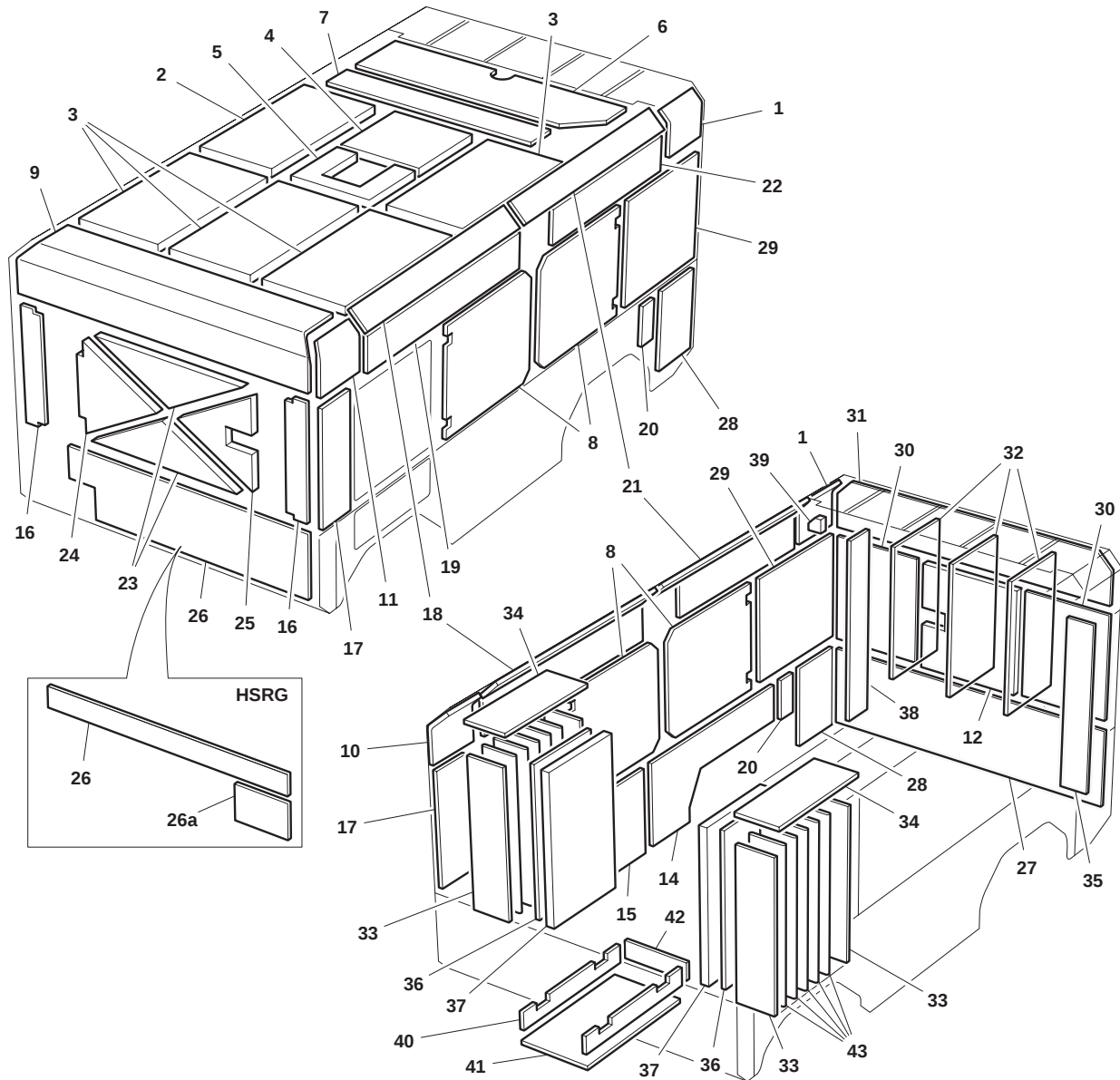
Foam



22326722_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.....

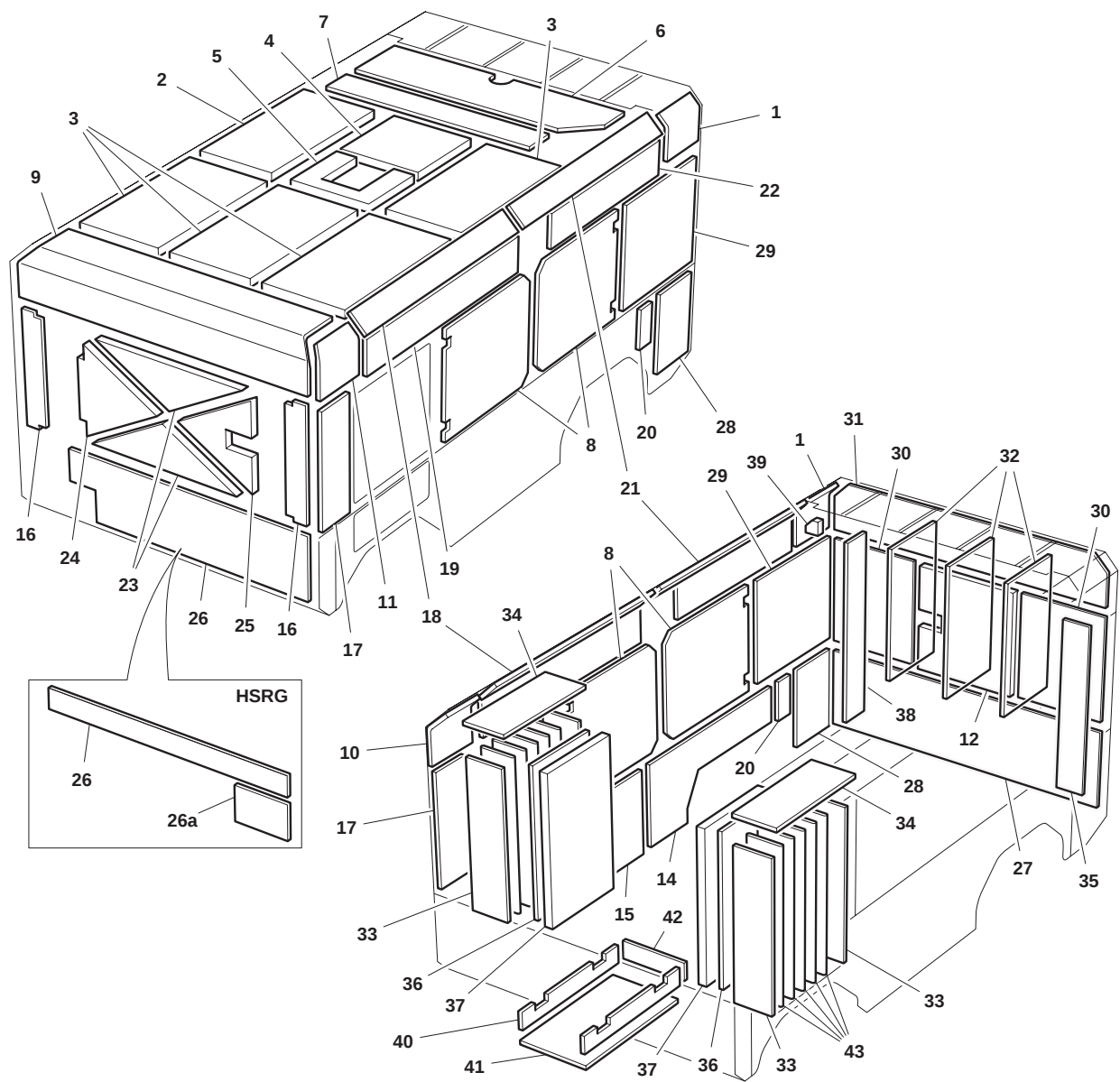
Foam



22326722_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	

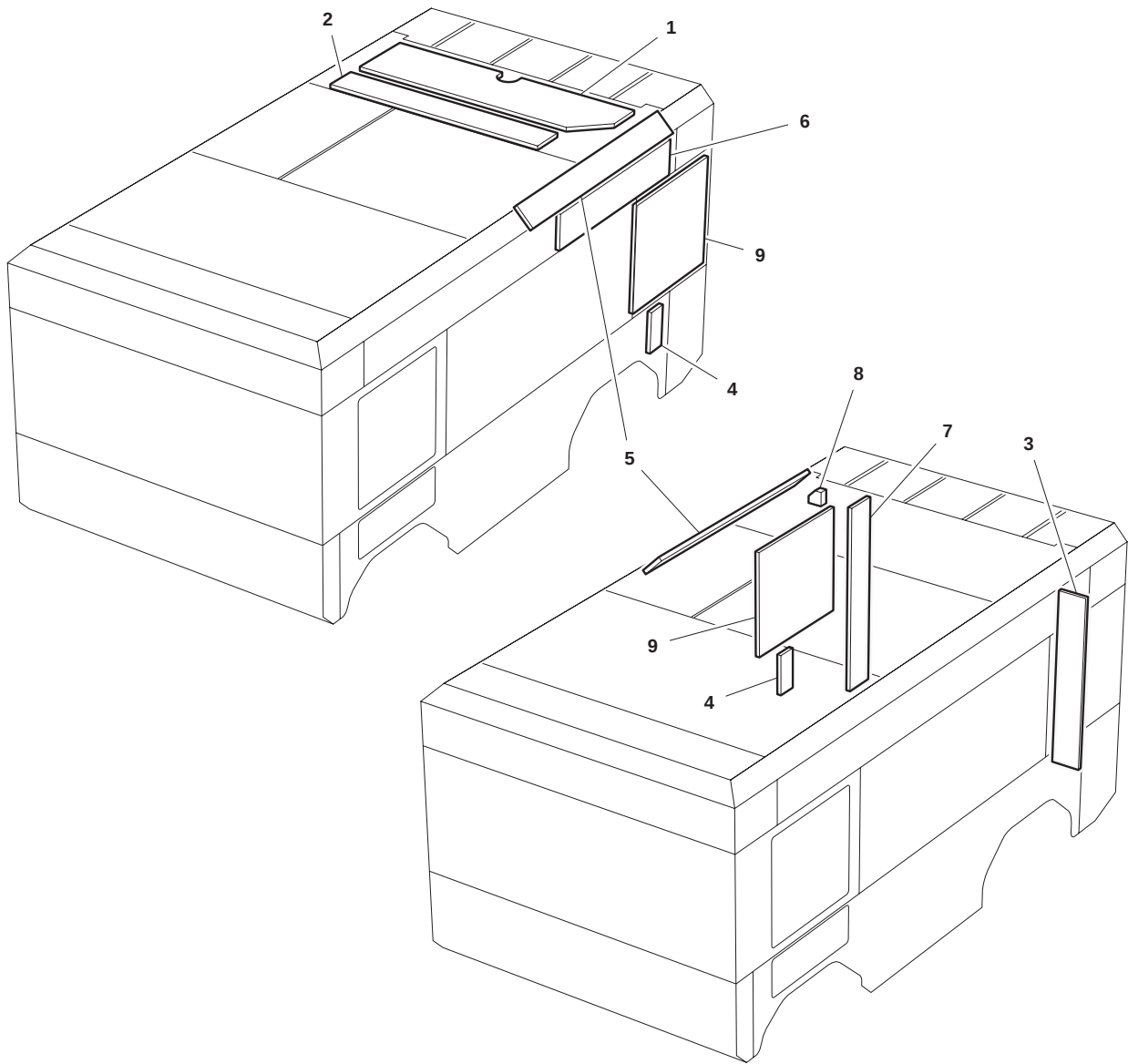
Foam



22326722_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

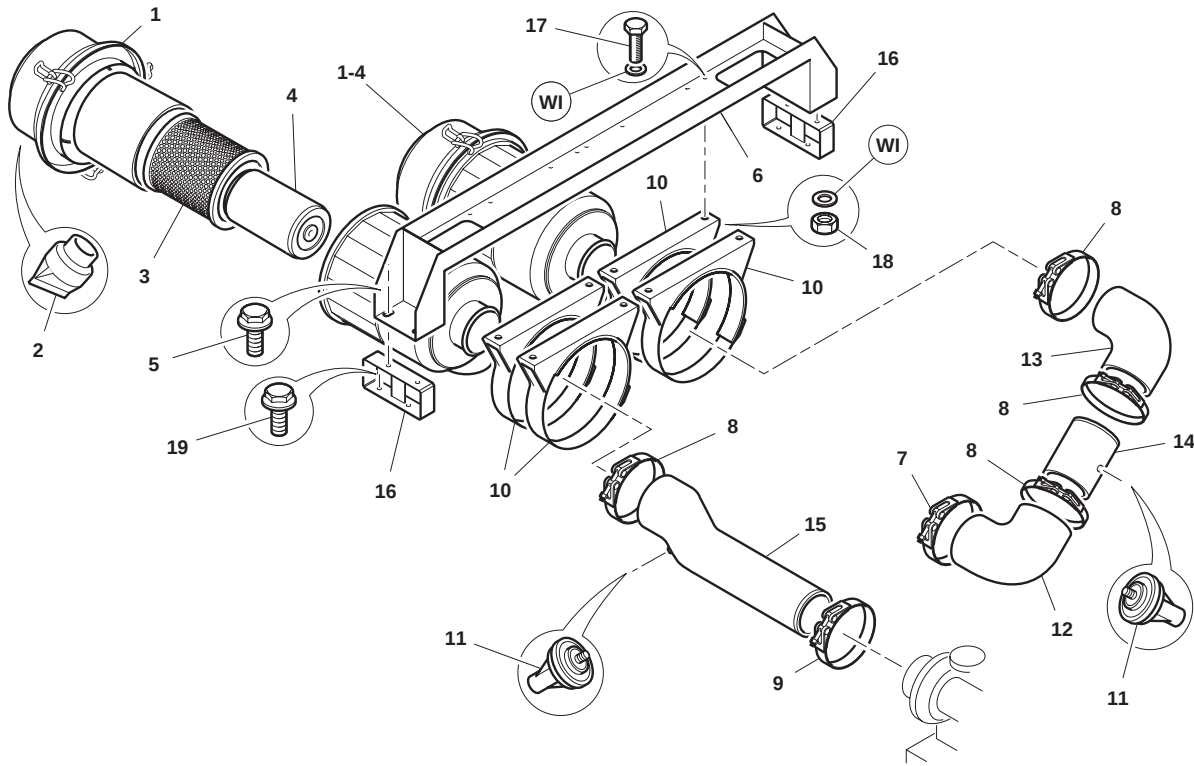


22326722_059_11/04_A

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

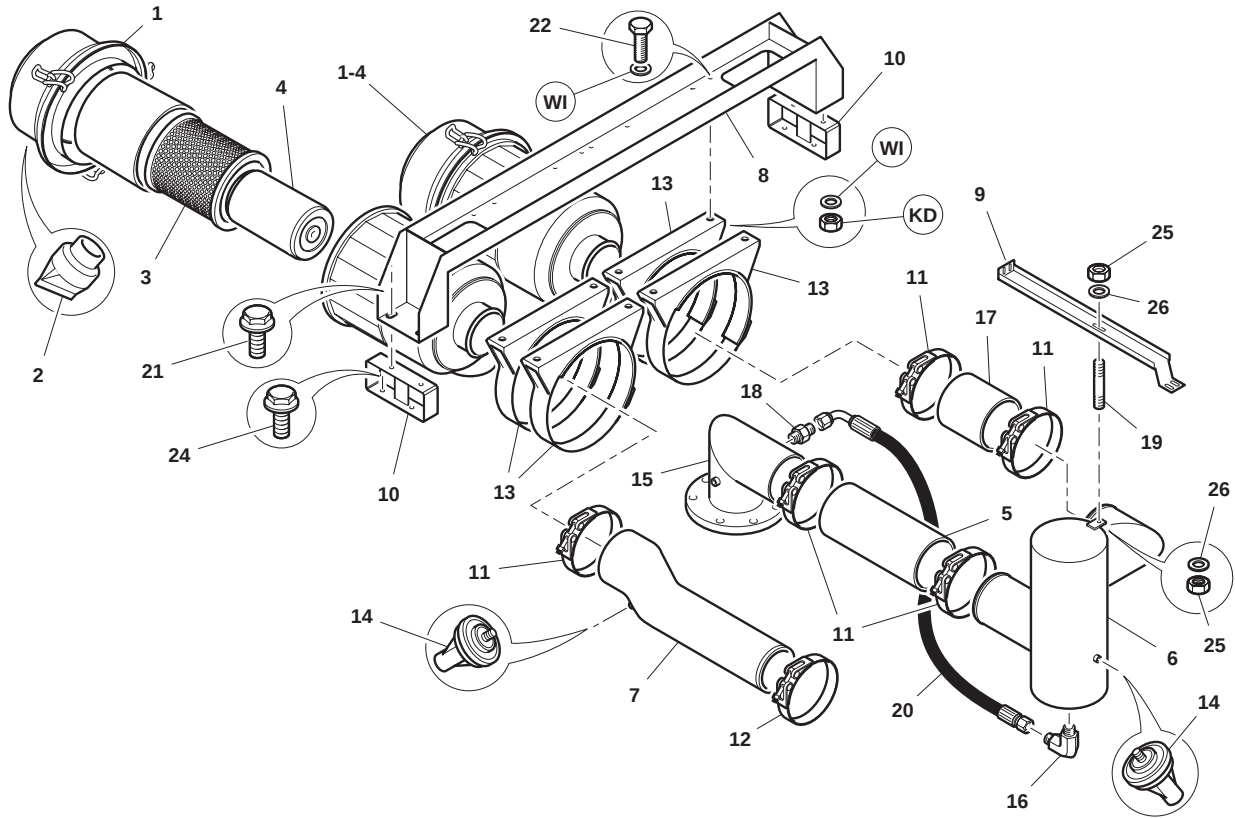


22326722_060_11/04_A

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

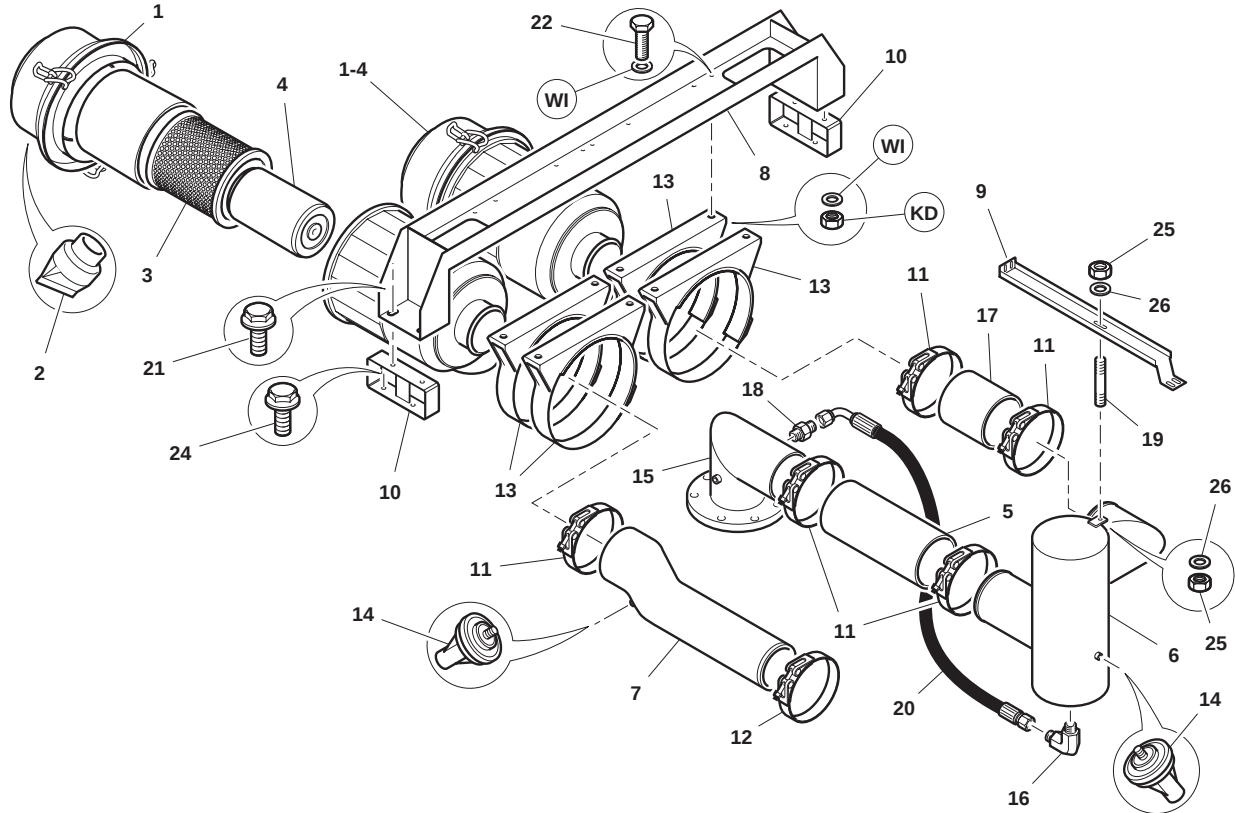


22326722_061_11/04_A

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

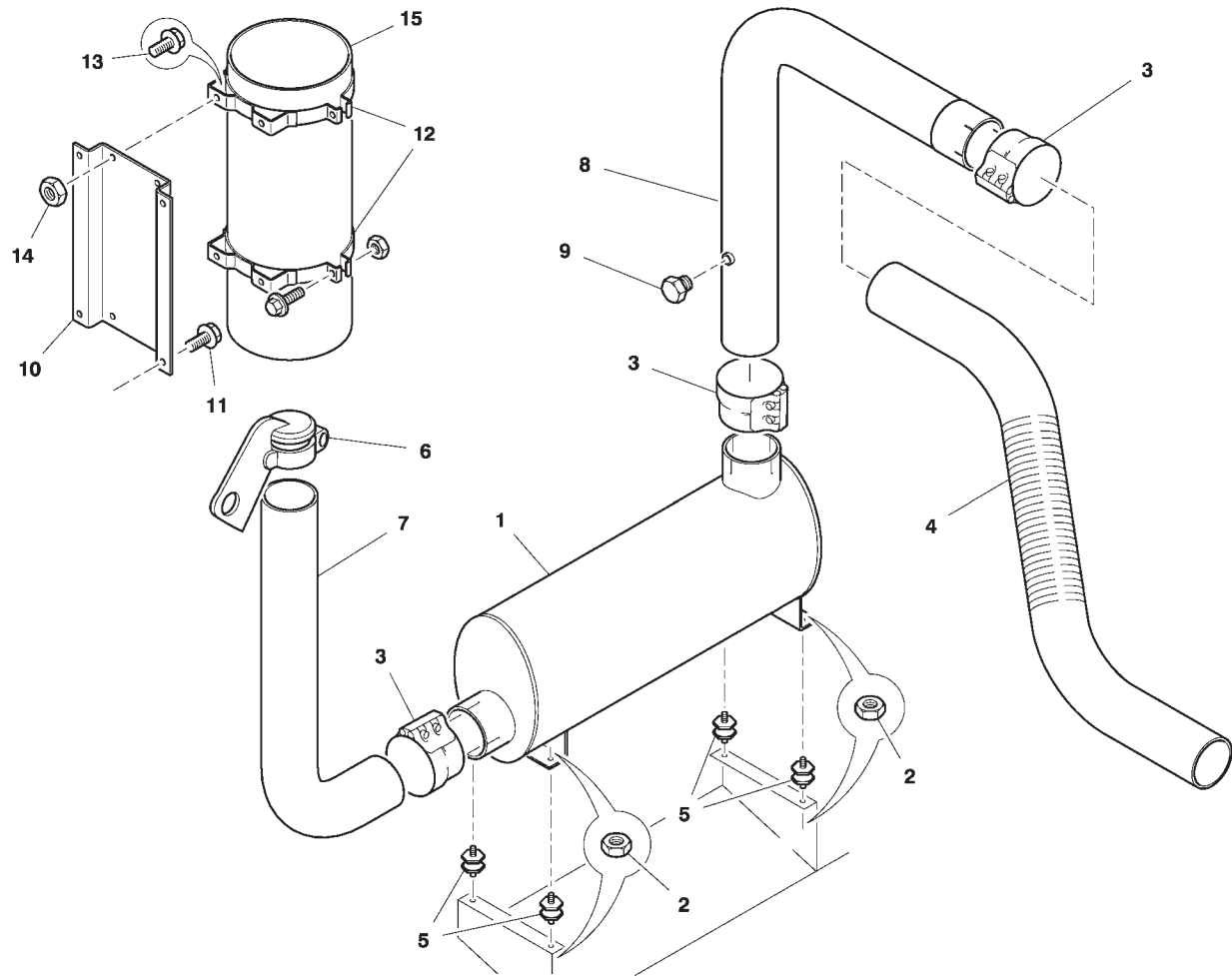
17/235, 21/215
SHP825, XHP750, XHP650



22326722_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	

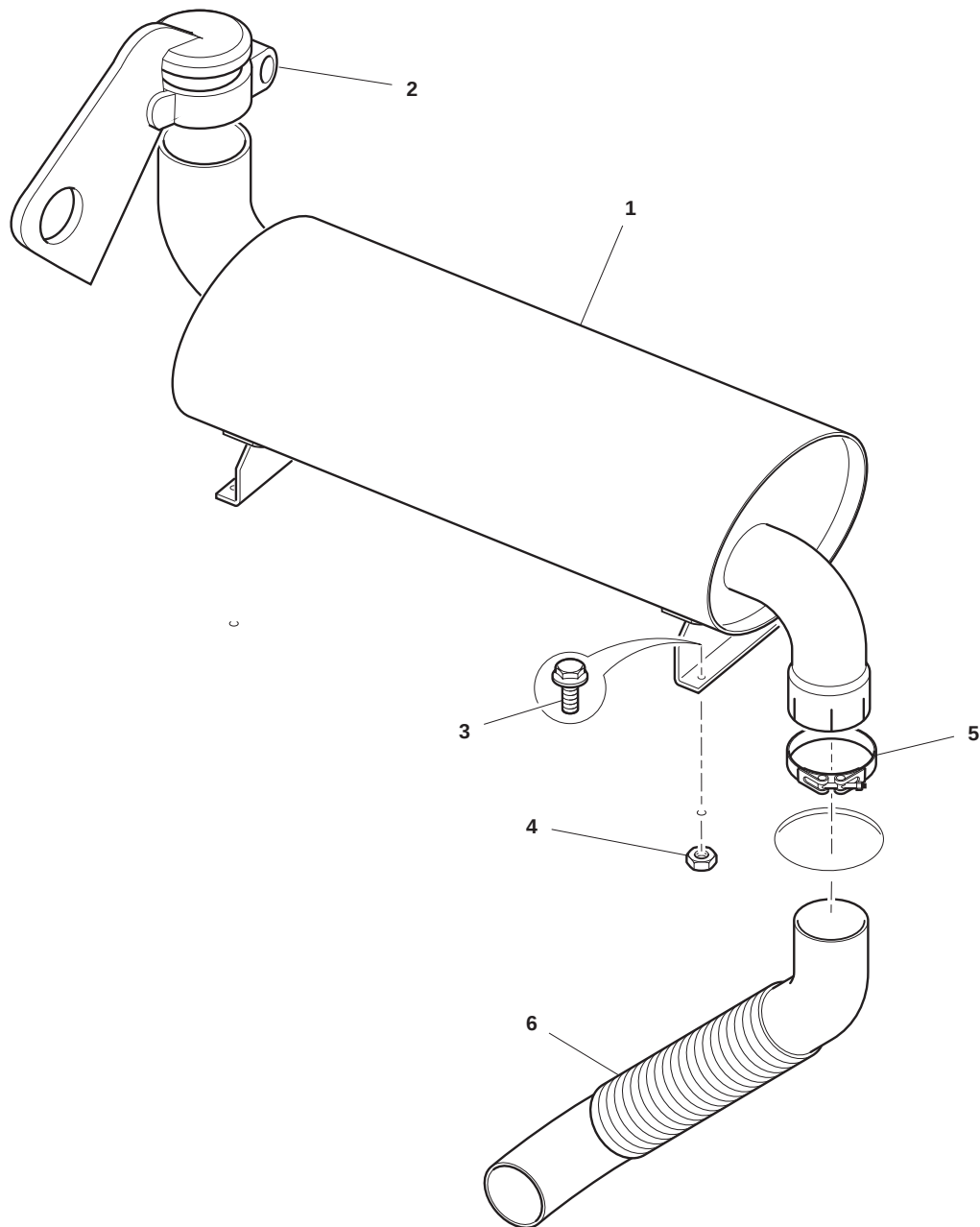
Engine Exhaust System



22326722_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	

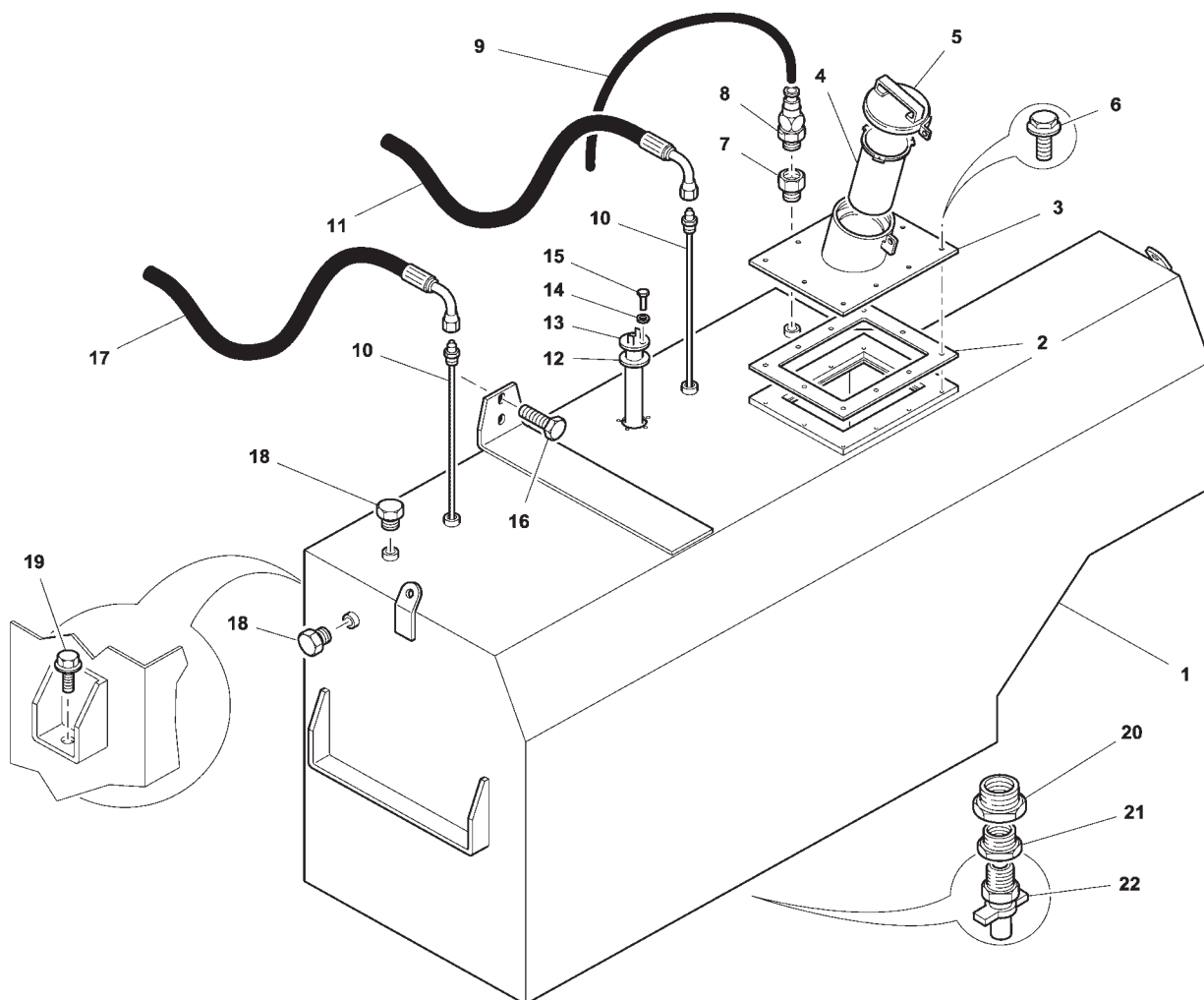
High Ambient Muffler



22326722_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	

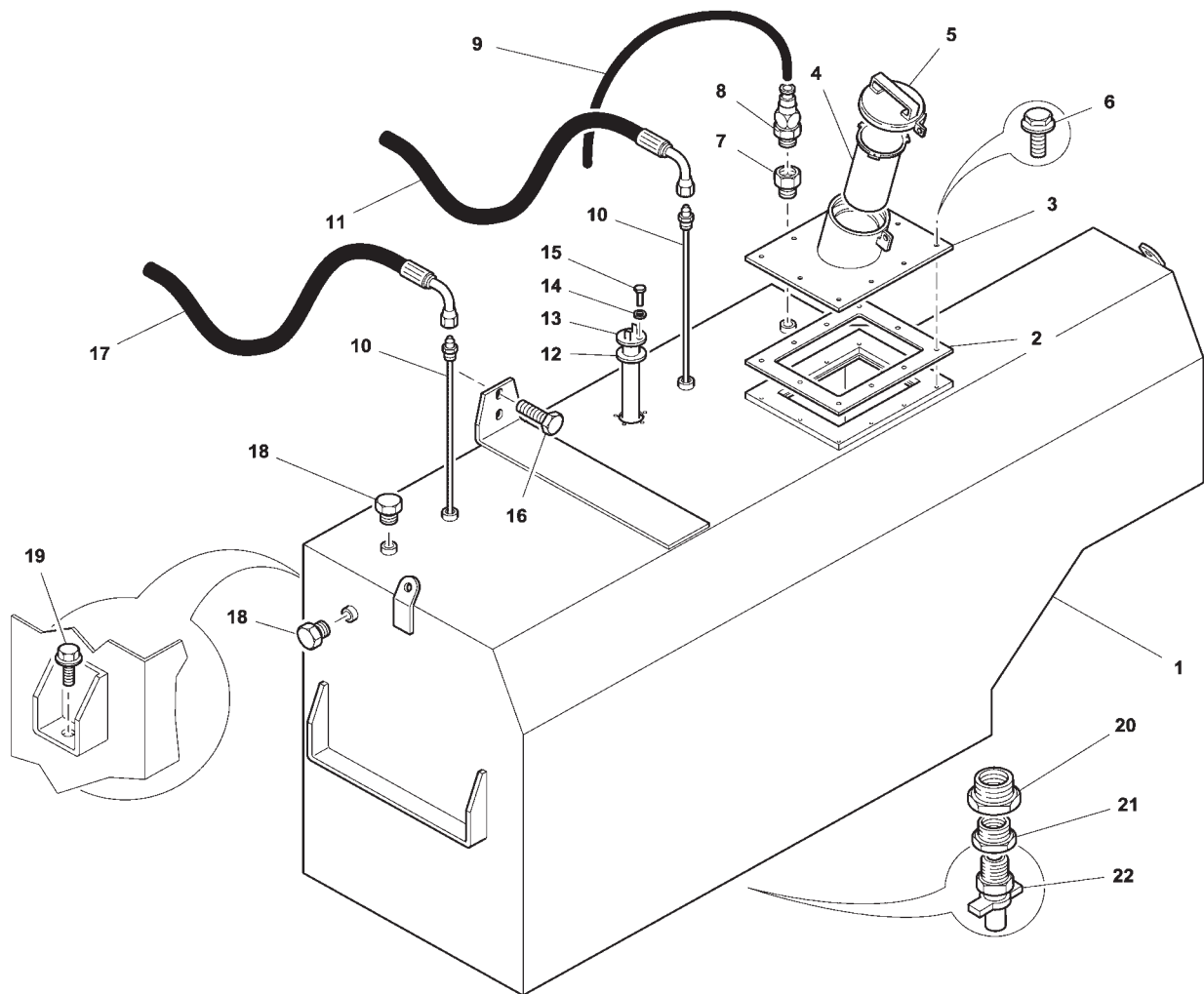
Fuel System



22326722_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.....

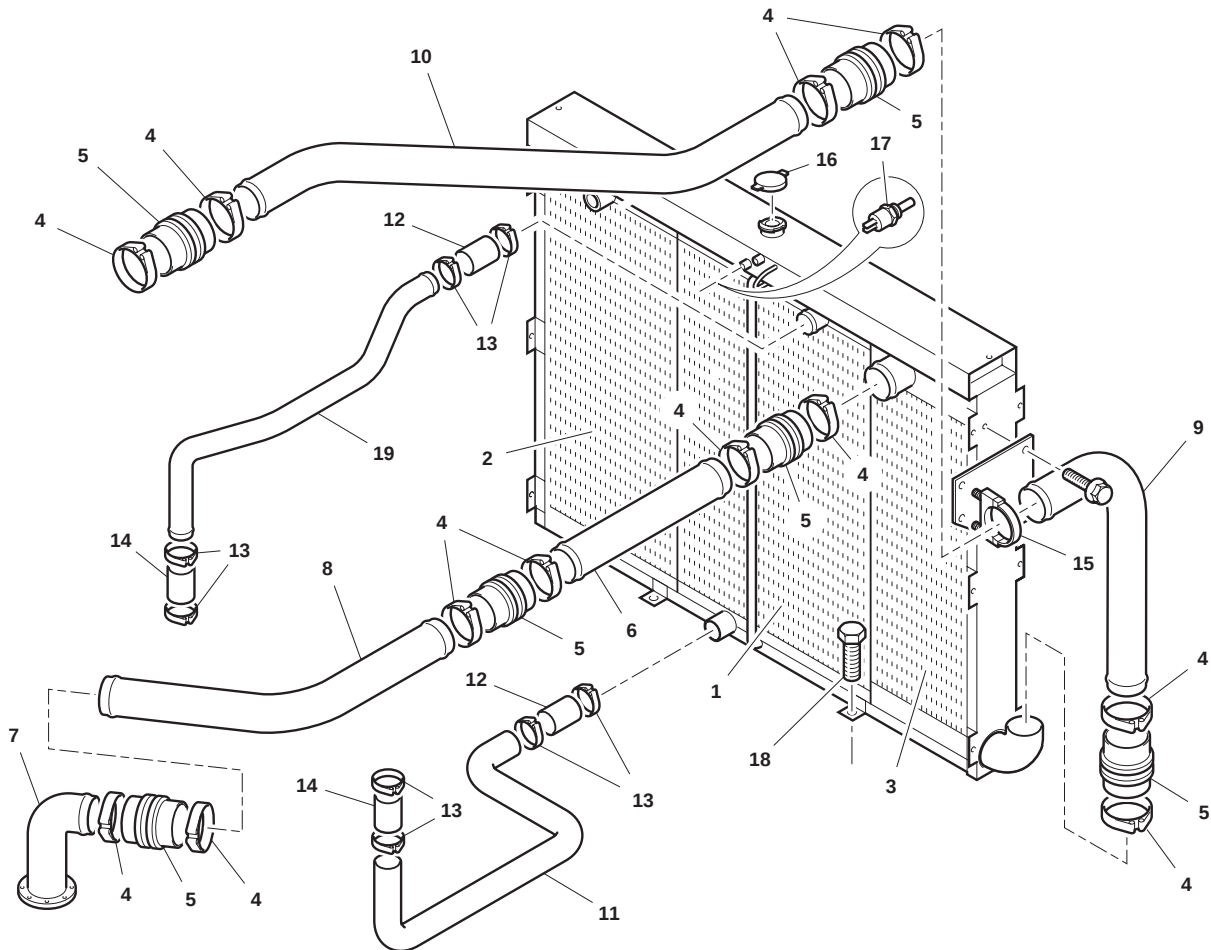
Fuel System



22326722_65_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35282995	Hose Assembly	1	 Continued
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	

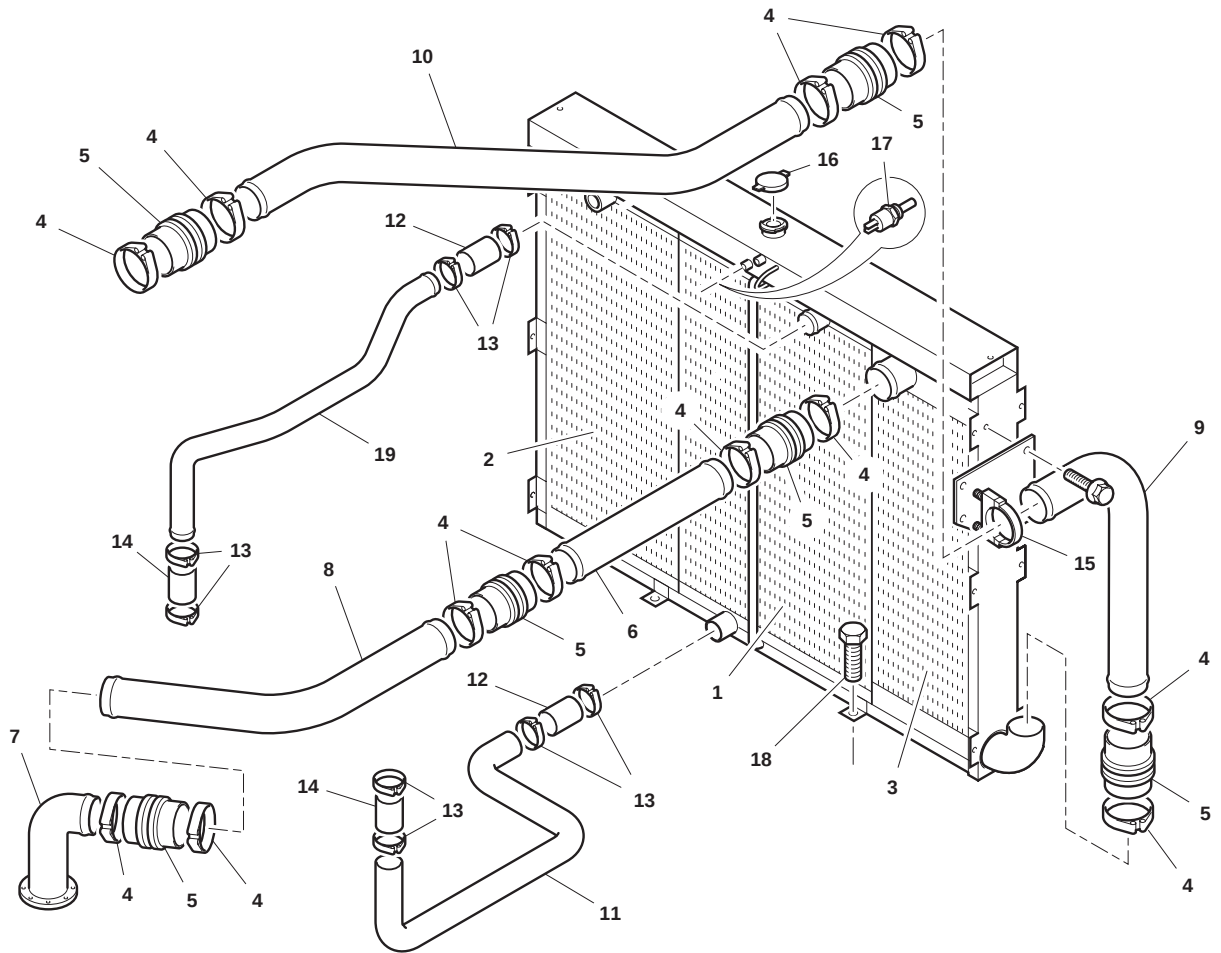
Cooling System



22326722_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

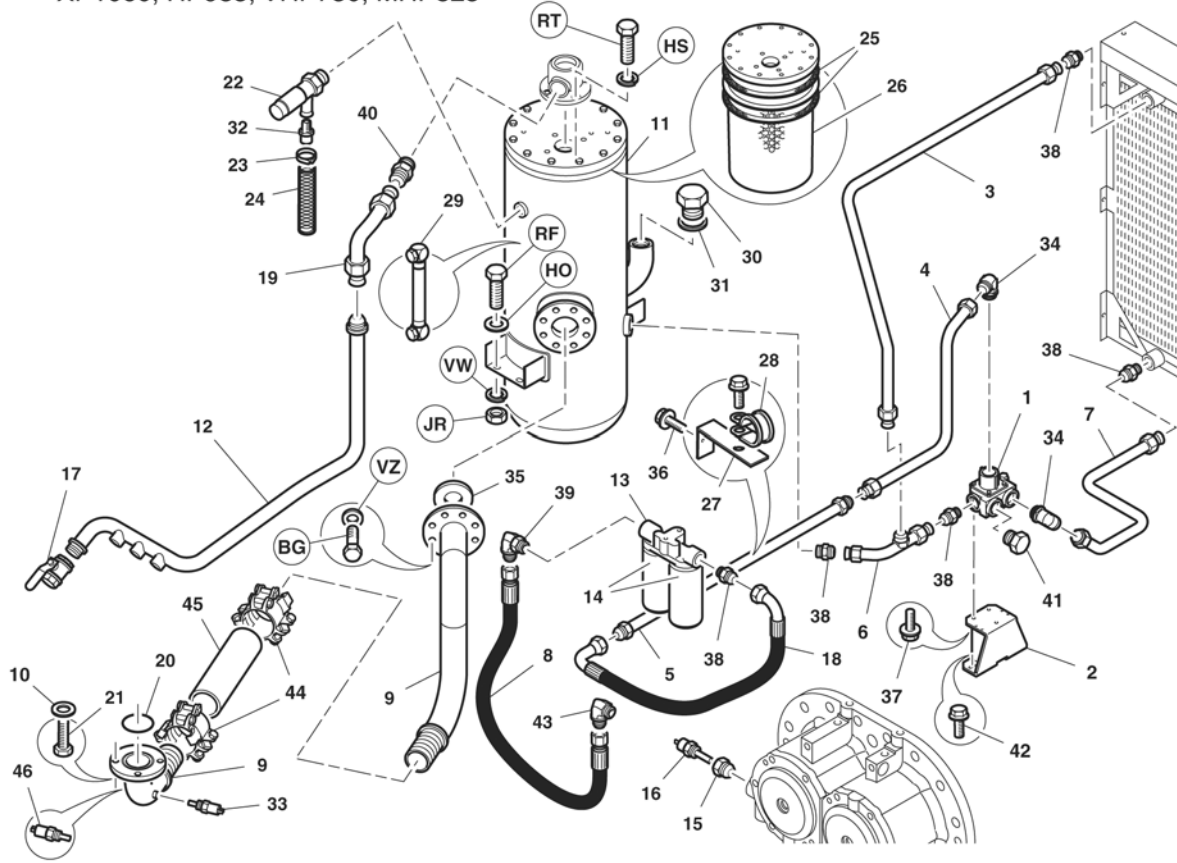


22326722_067_11/04_A

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

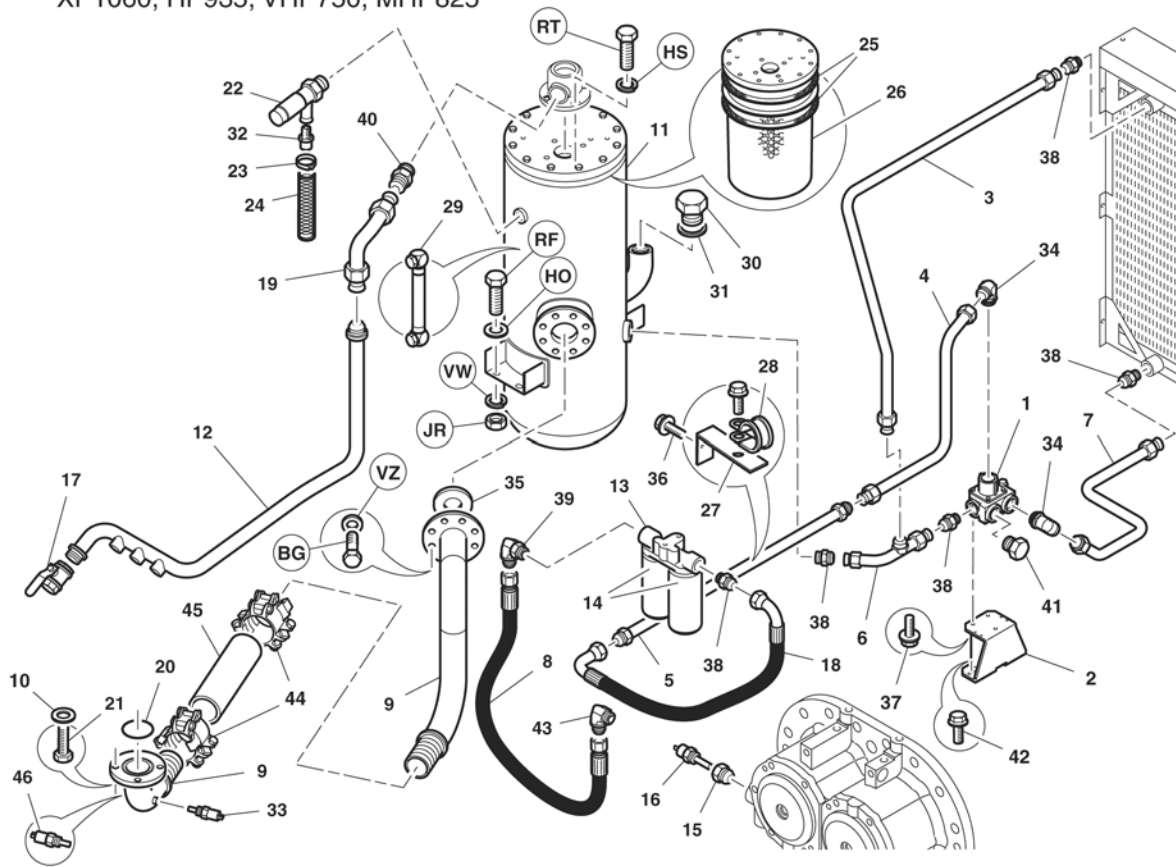


22326722_069_11/04_A

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

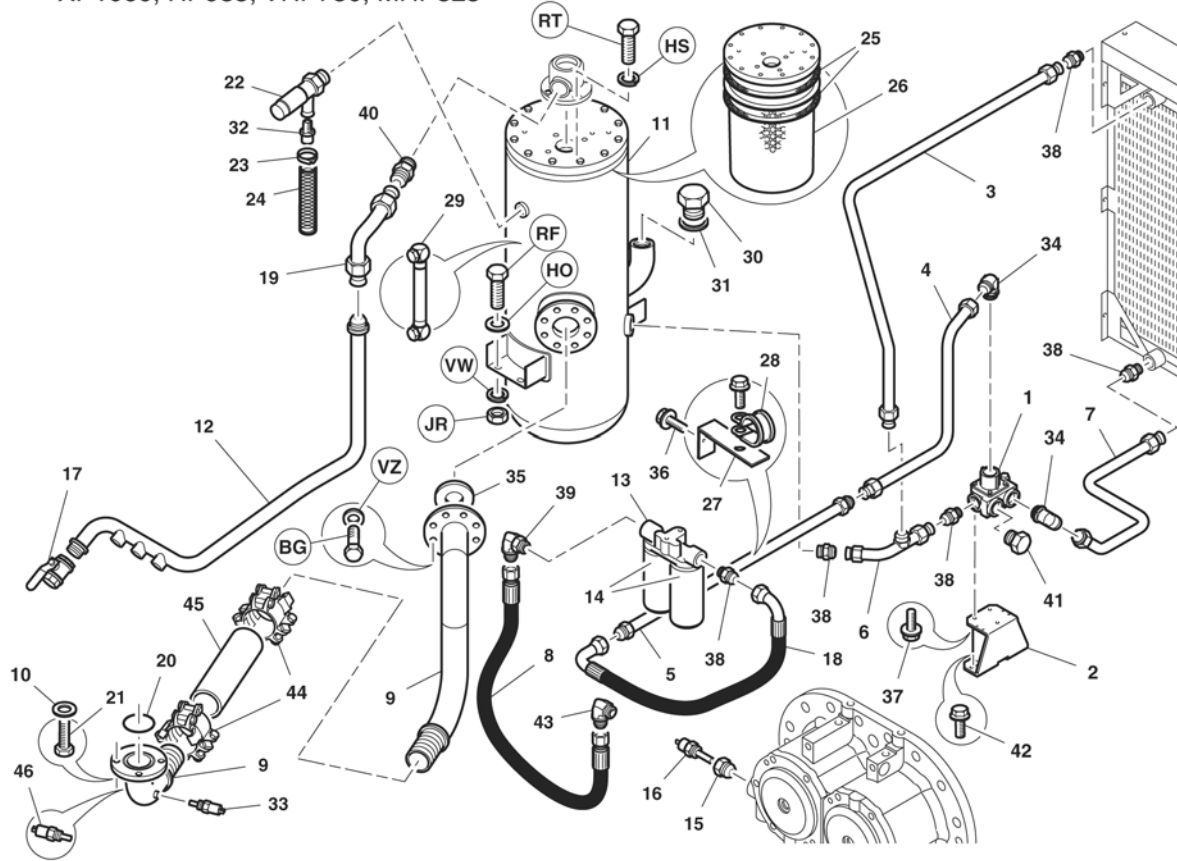


22326722_069_11/04_A

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	89285803	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

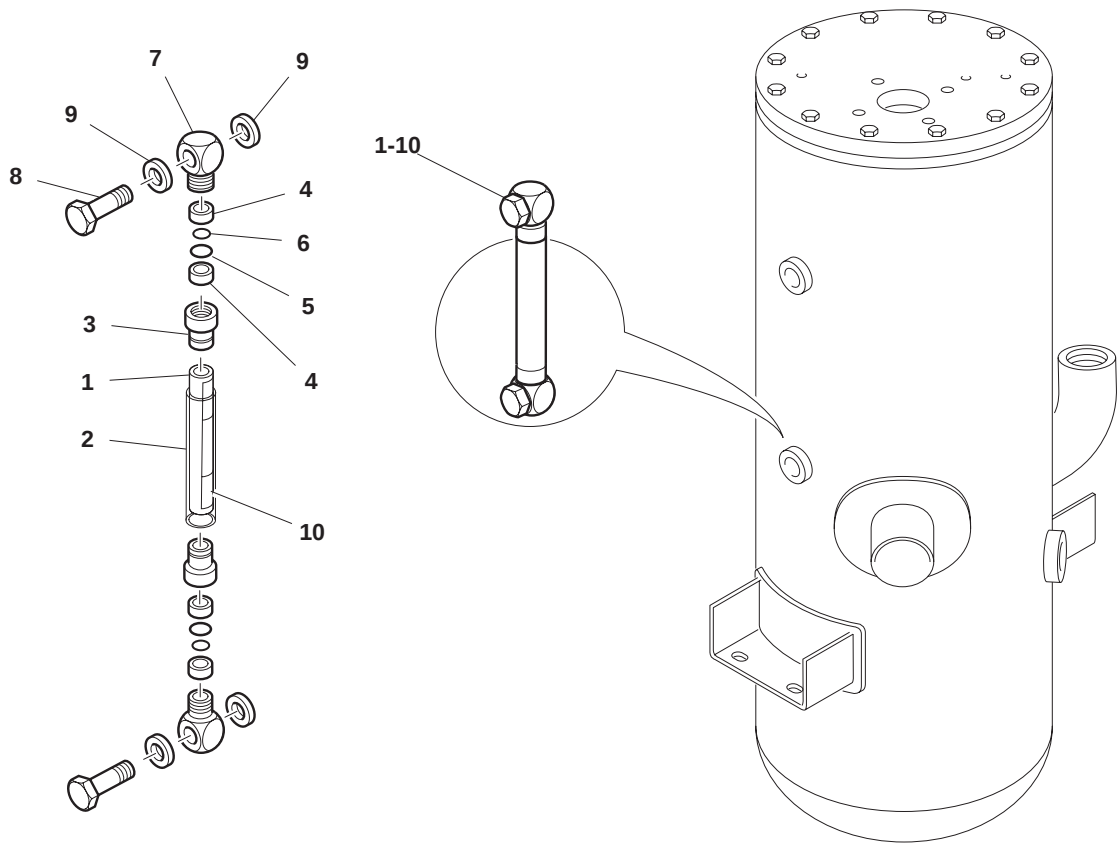
XP1060, HP935, VHP750, MHP825



22326722_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	

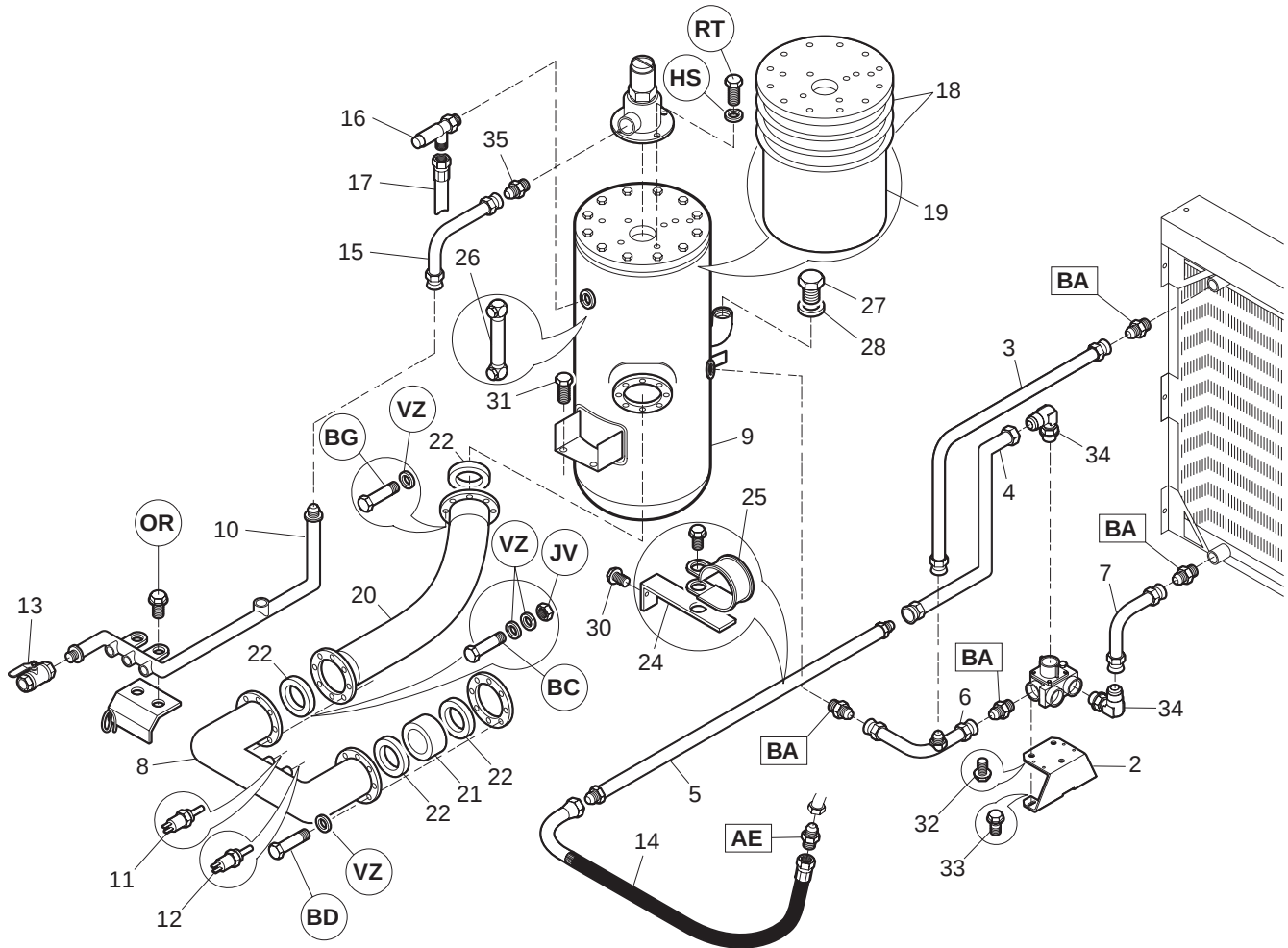
Oil/Air Piping



22326722_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	

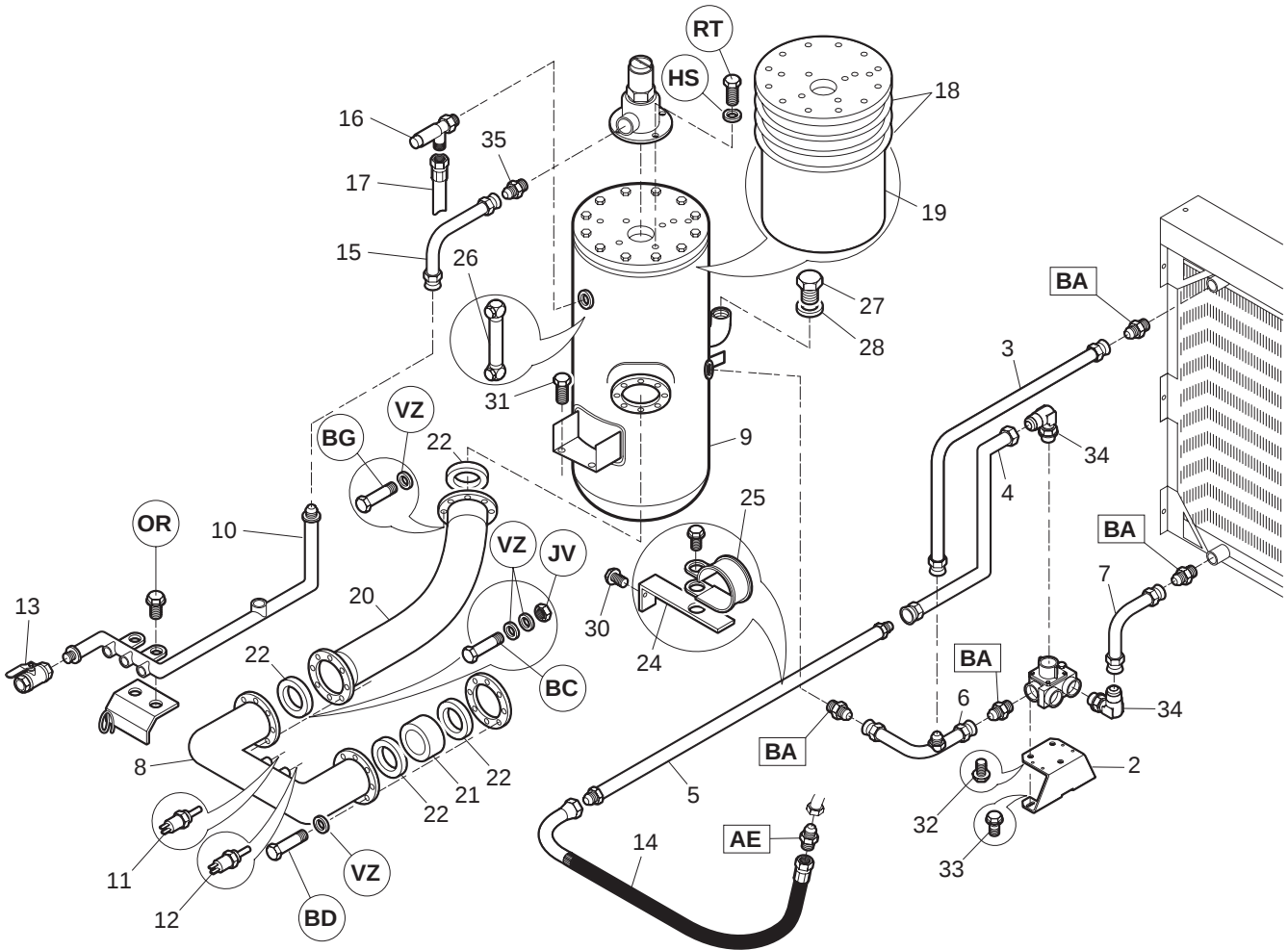
Oil/Air Piping



22326722_073_11/04_A

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	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	89299424	Hose Assembly	1	
15	54576038	Tube Assembly	1	
16	92892934	Valve, Safety	1	
17	92895267	Hose	1	
18	89304059	Gasket	2	Continued.....

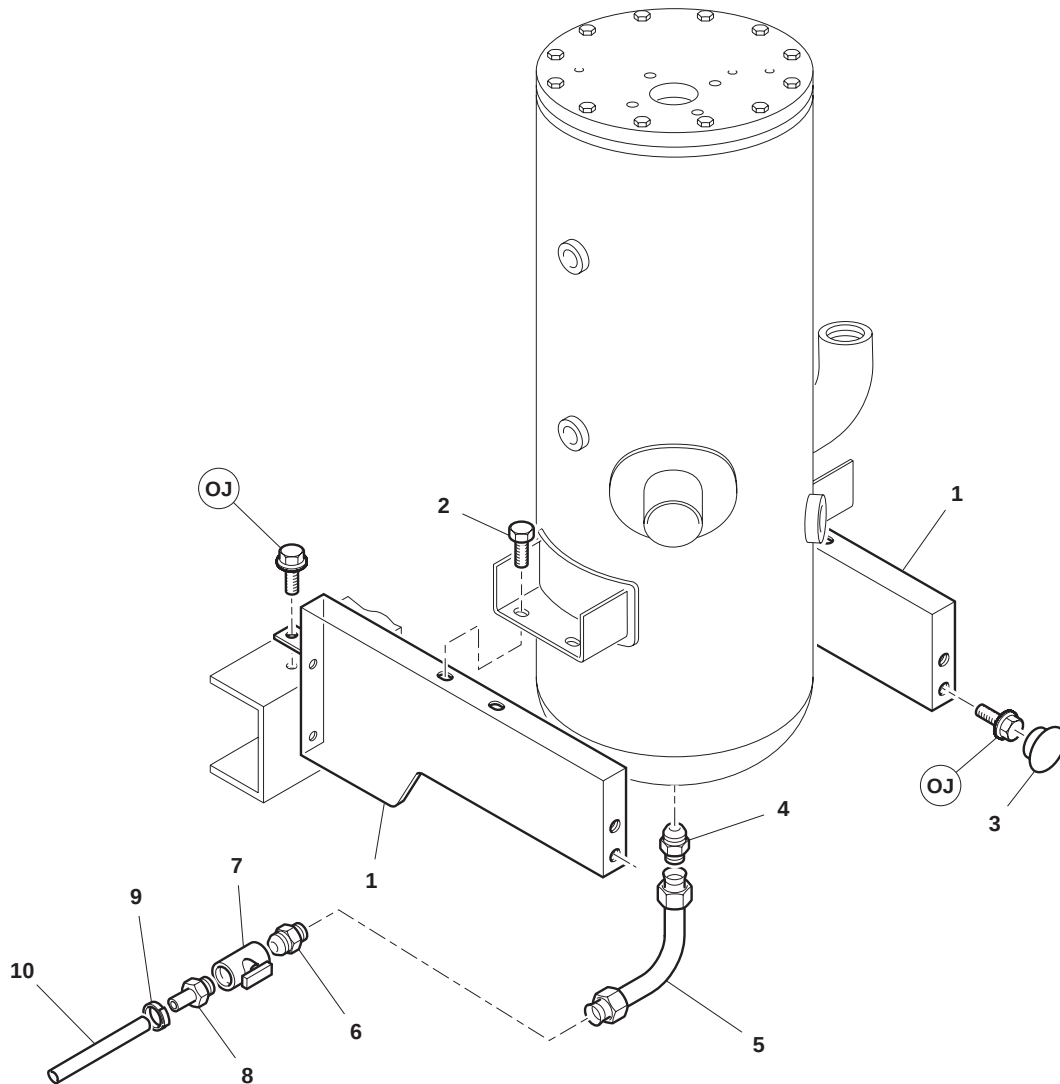
Oil/Air Piping



22326722_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	

Oil/Air Piping

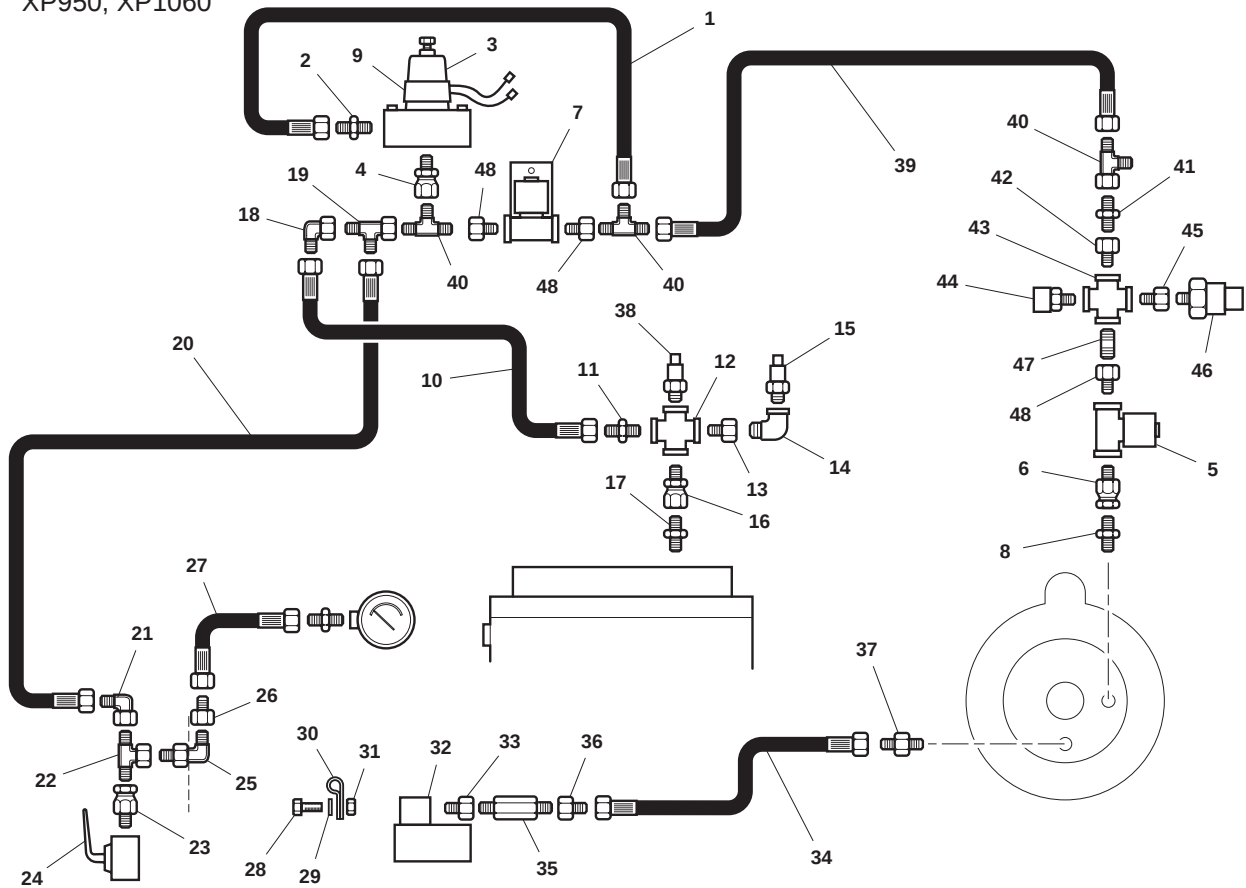


22326722_075_11/04_A

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

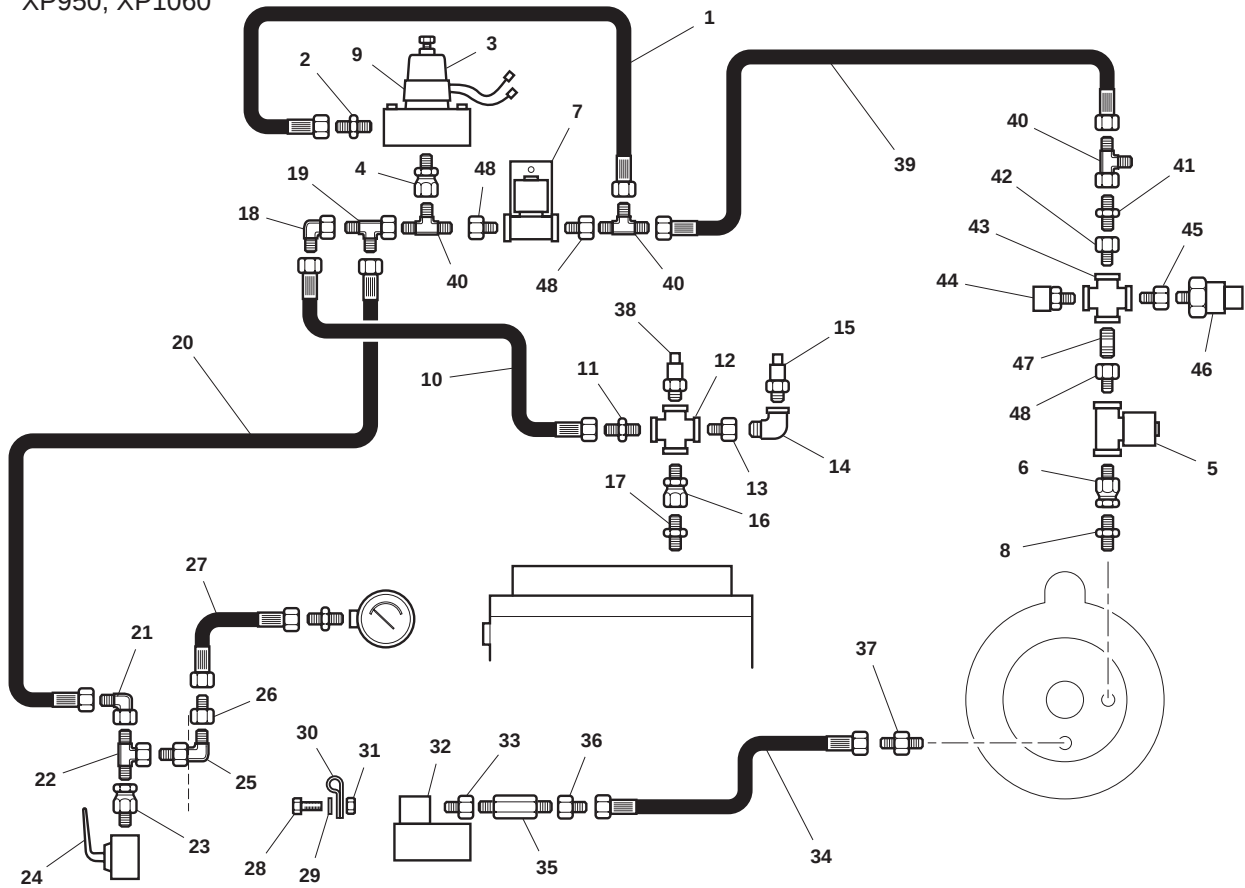


22326722_076_11/04_A

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,	1	
	36854495	Regulator 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

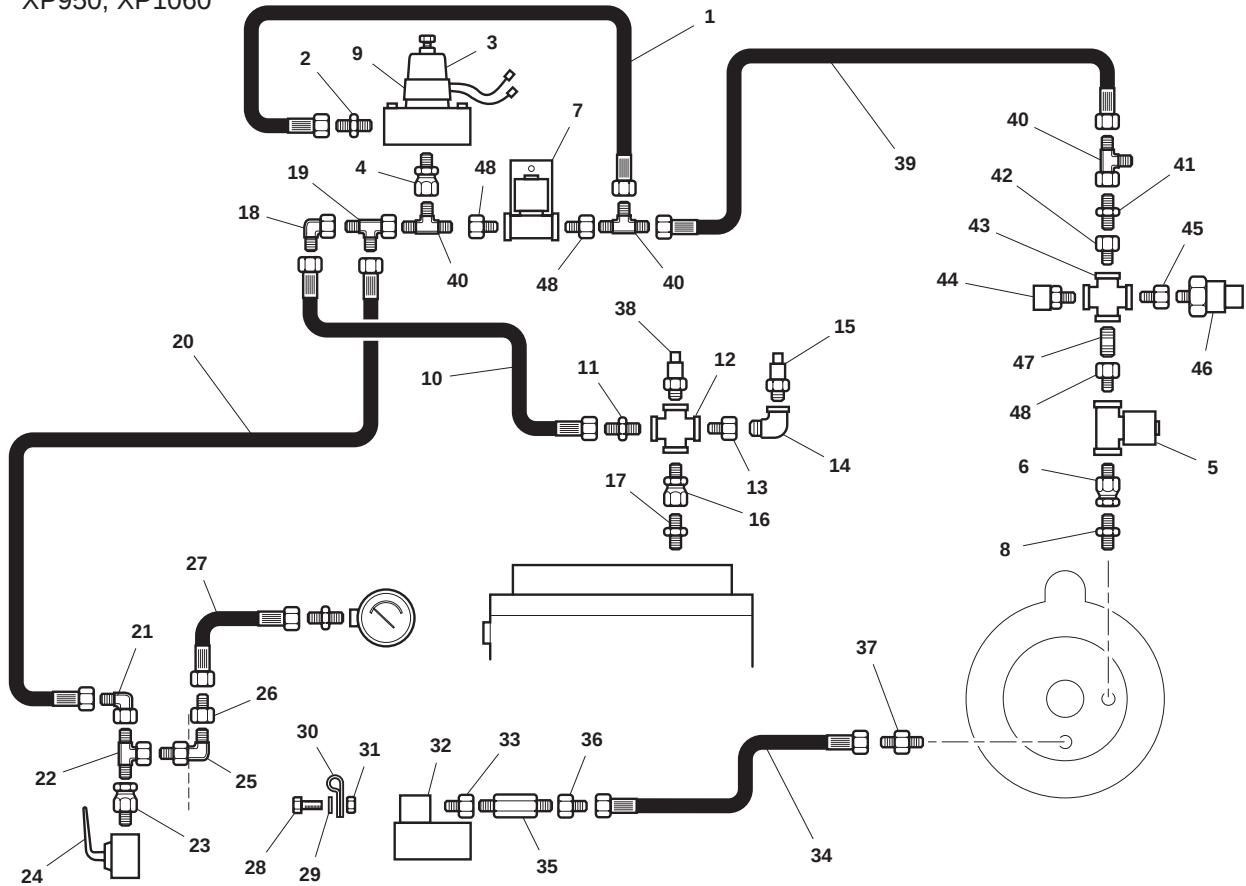


22326722_076_11/04_A

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

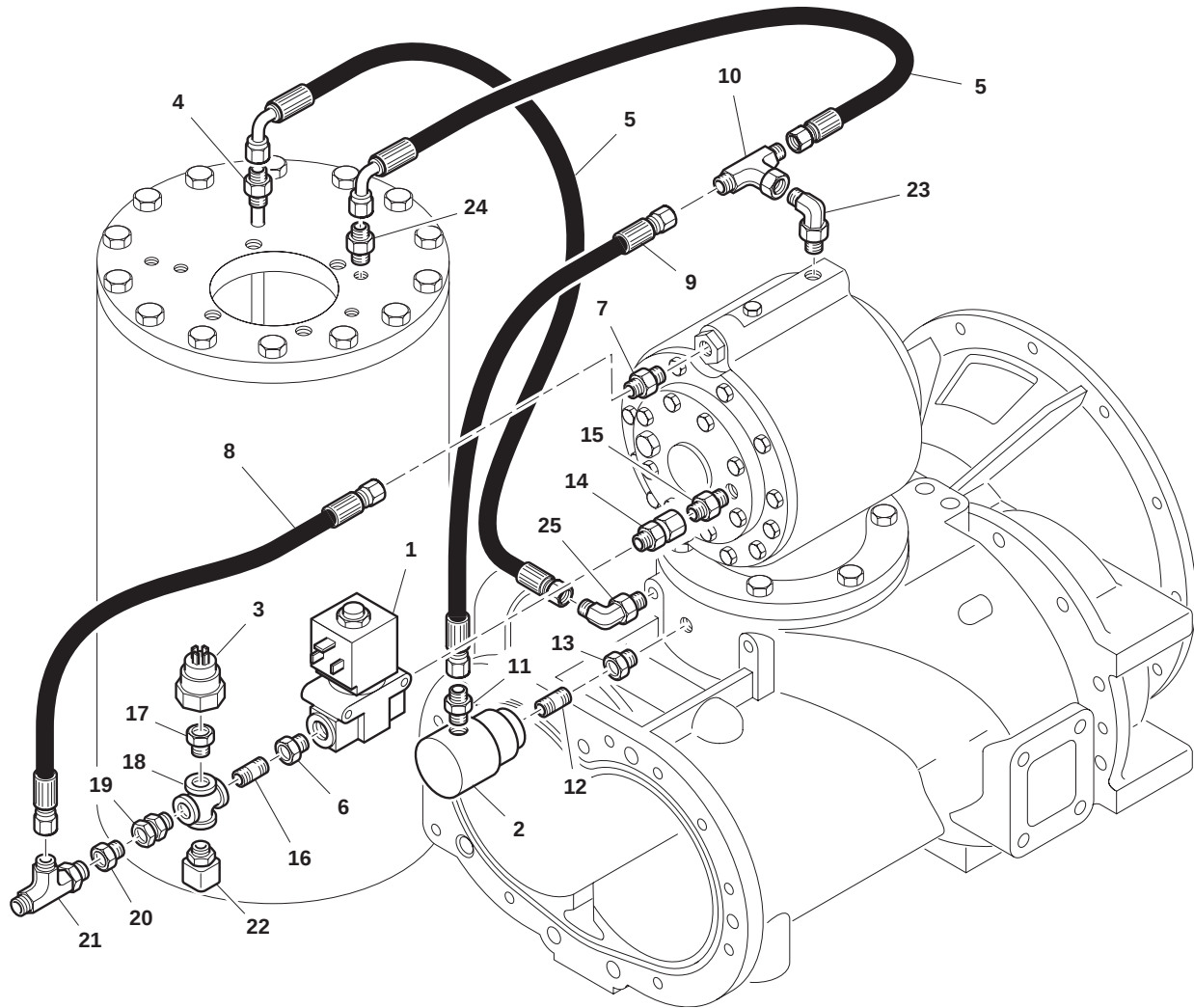
9/230, 9/270, 9/300, 12/235
VHP750, MHP825, HP935,
XP950, XP1060



22326722_076_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	36850691	Compressor	1	 <i>Continued</i>
33	22246714	Adaptor	1	
34	35282920	Hose Assembly	1	
35	35248145	Valve, Check	1	
36	35294487	Adaptor	1	
37	35283472	Adaptor	1	
38	36898922	Sensor, Temperature	1	
39	35283282	Hose Assembly	1	
40	35283050	Tee	3	
41	35321983	Adaptor	1	
42	35284082	Adaptor	1	
43	95954293	Cross	1	
44	35322346	Orifice	1	
45	95930301	Adaptor	1	
46	36920825	Transducer, Pressure	1	(0-100psi)
47	95944575	Nipple	1	
48	95940748	Adaptor	3	

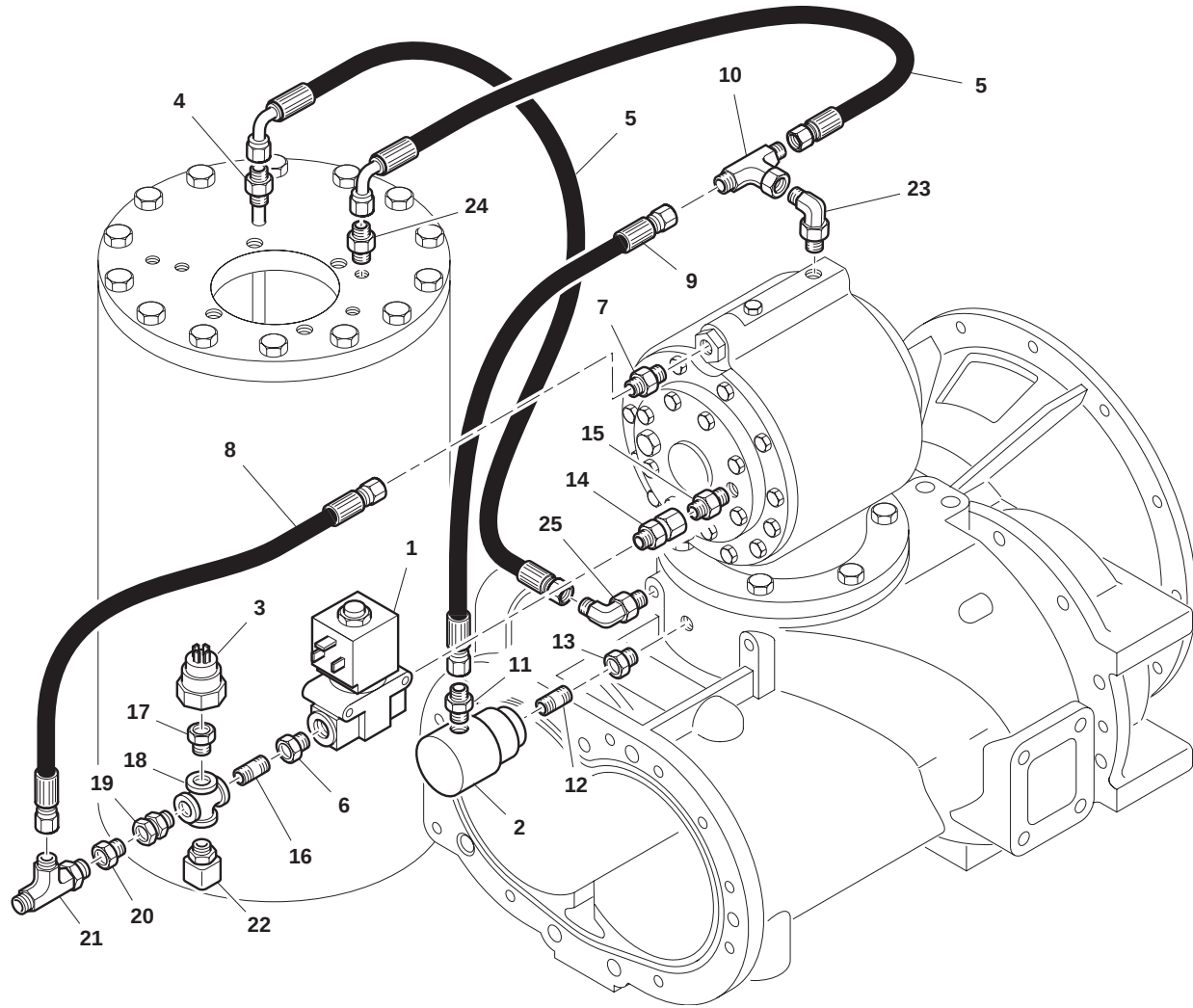
Regulation System



22326722_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	Continued.....
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	

Regulation System



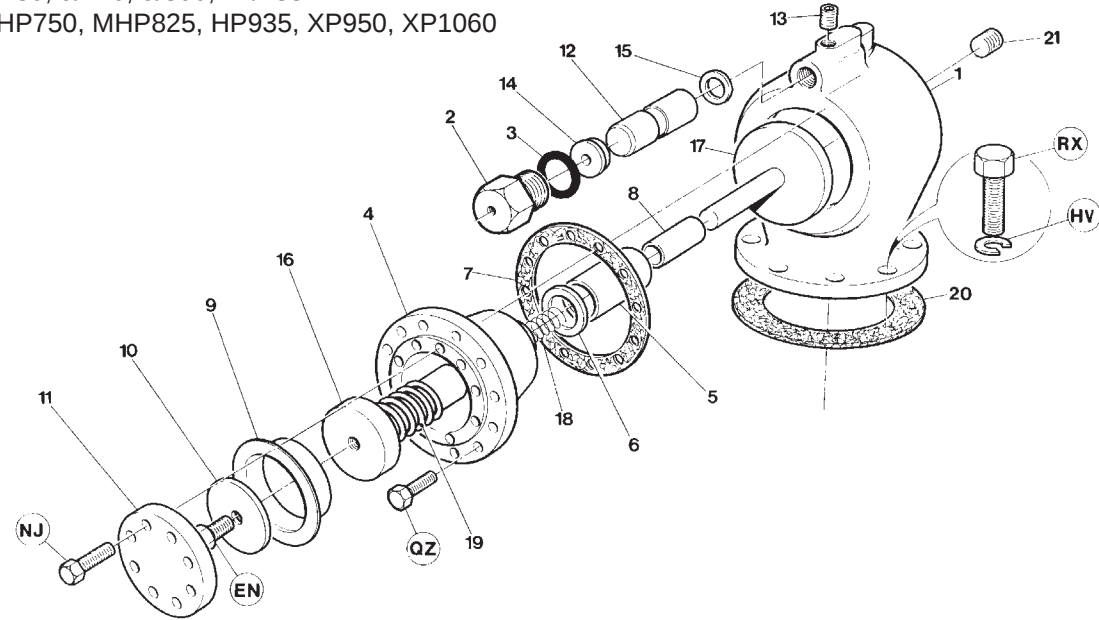
22326722_079_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	95667341	Nipple	1	Continued
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

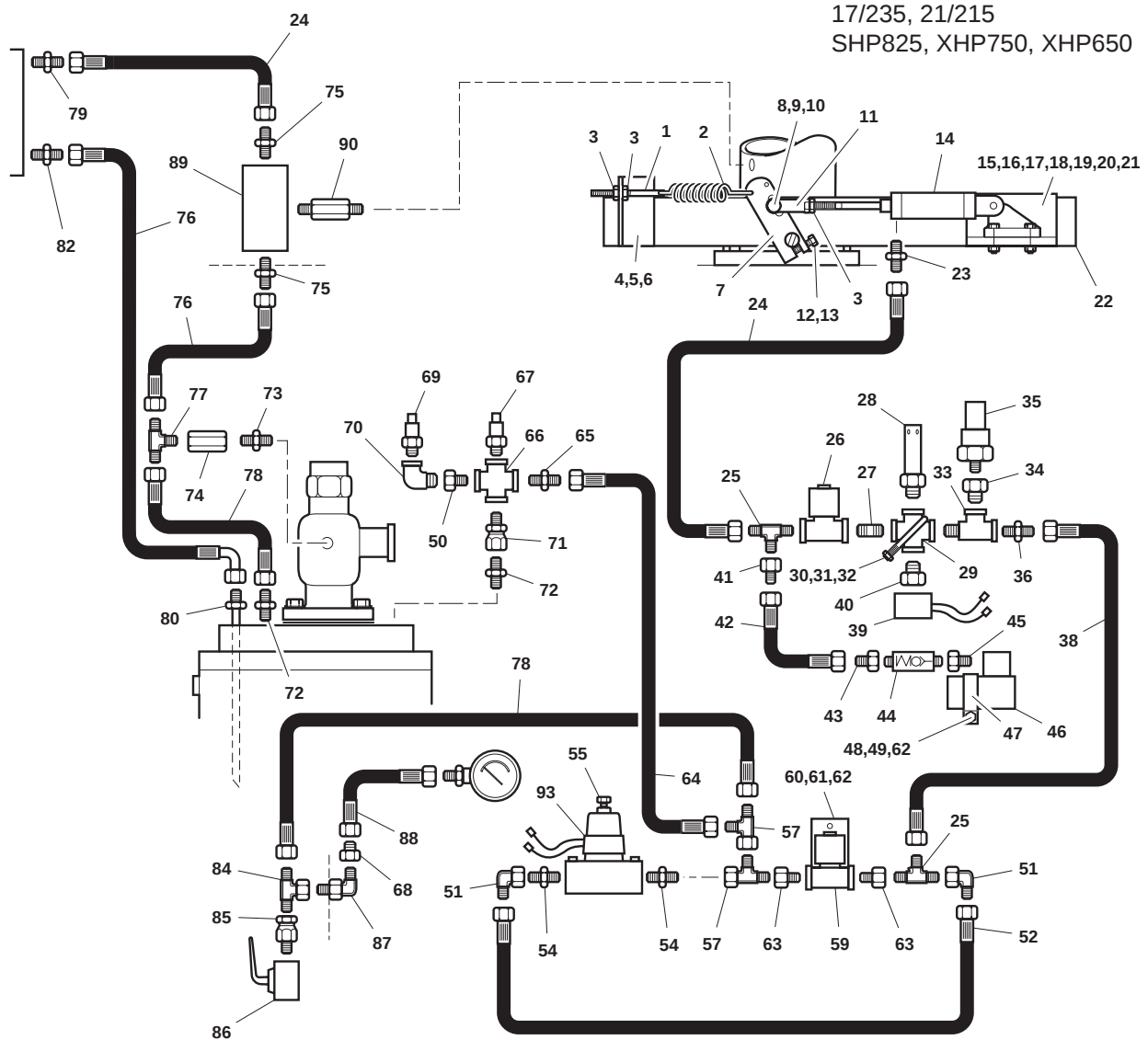
VHP750, MHP825, HP935, XP950, XP1060



22326722_081_11/04_A

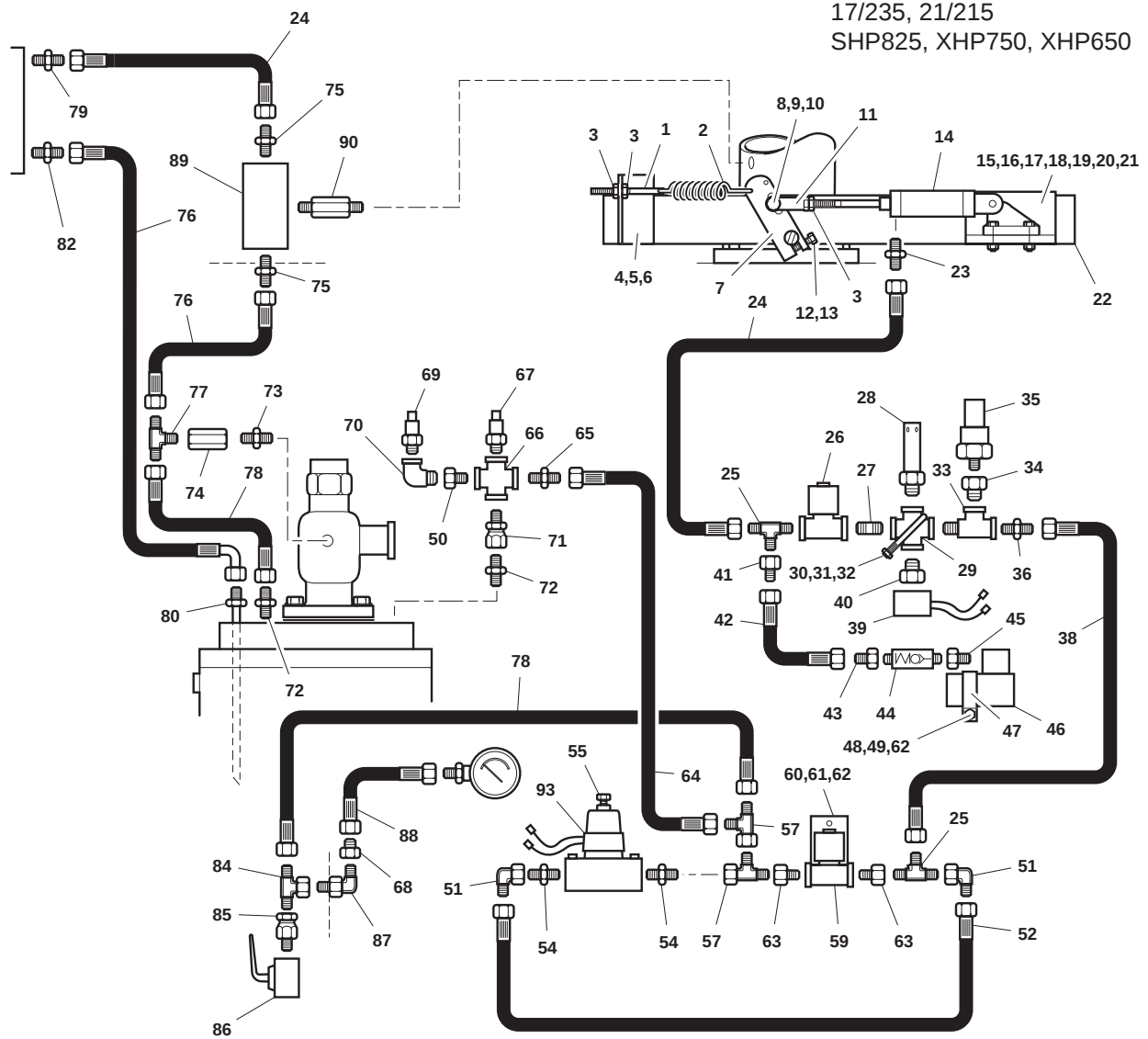
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	35072222	Valve, Unloader	1	
1	36722452	Body	1	
2	35328236	Adaptor	1	
3	95765806	O-Ring	2	
4	36722460	Housing	1	
5	35328228	Bush	1	
6	35328244	Seal	1	
7	35328251	Gasket	1	
8	35328269	Bush	1	
9	35592534	Diaphragm, Unloader Valve	1	
10	35327204	Washer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

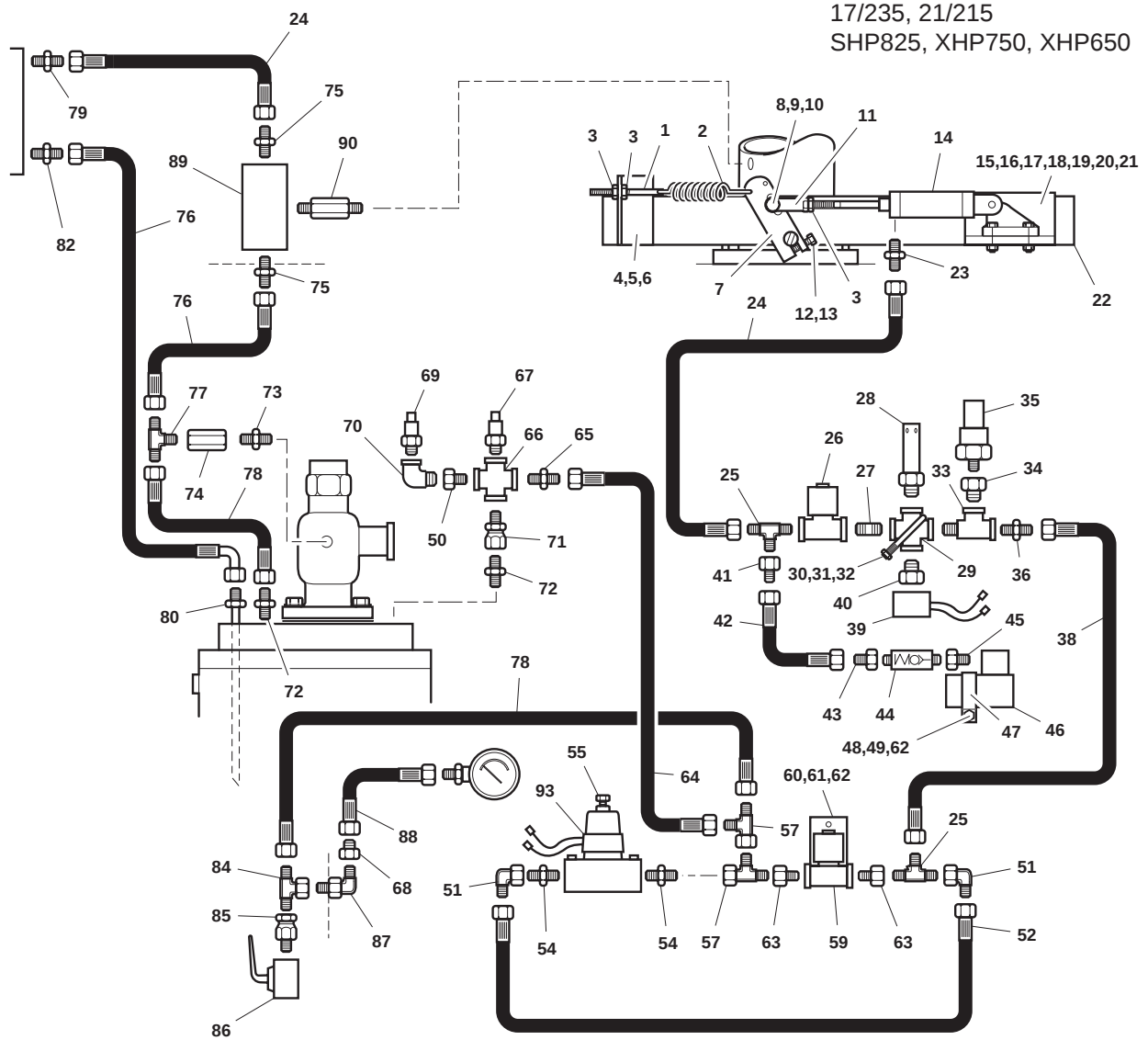
Regulation System



22326722_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	

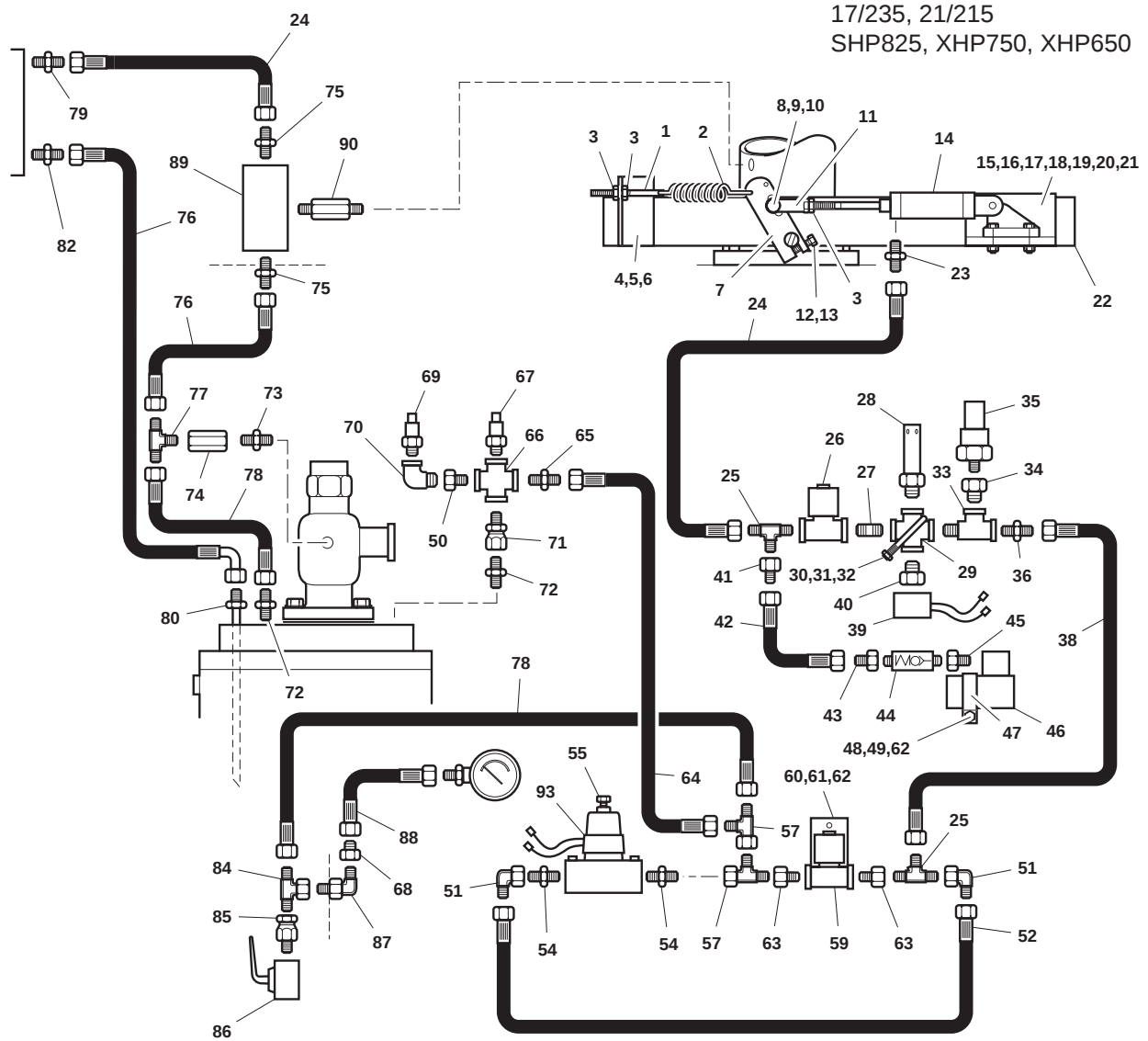
Regulation System



22326722_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	

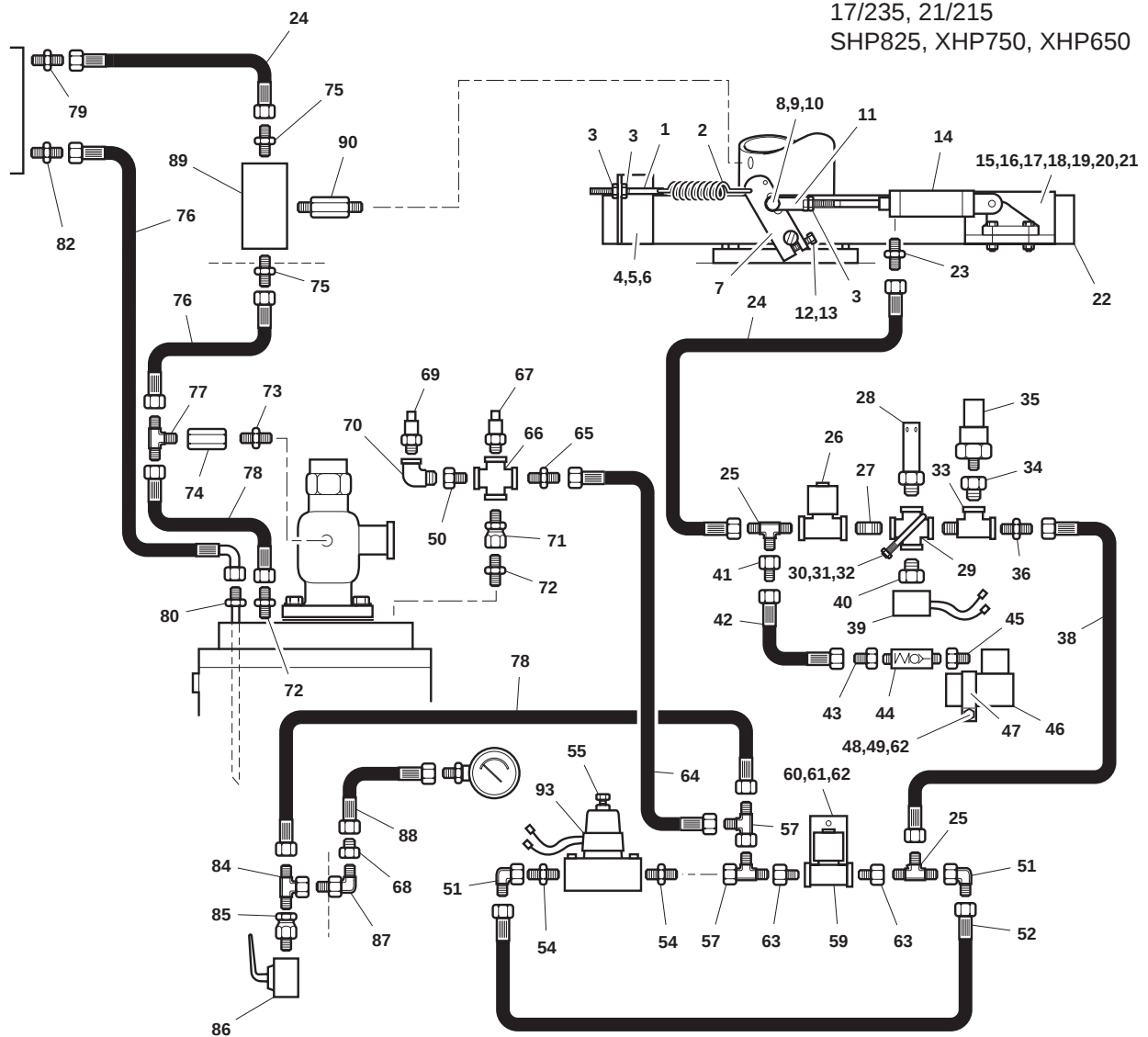
Regulation System



22326722_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.....

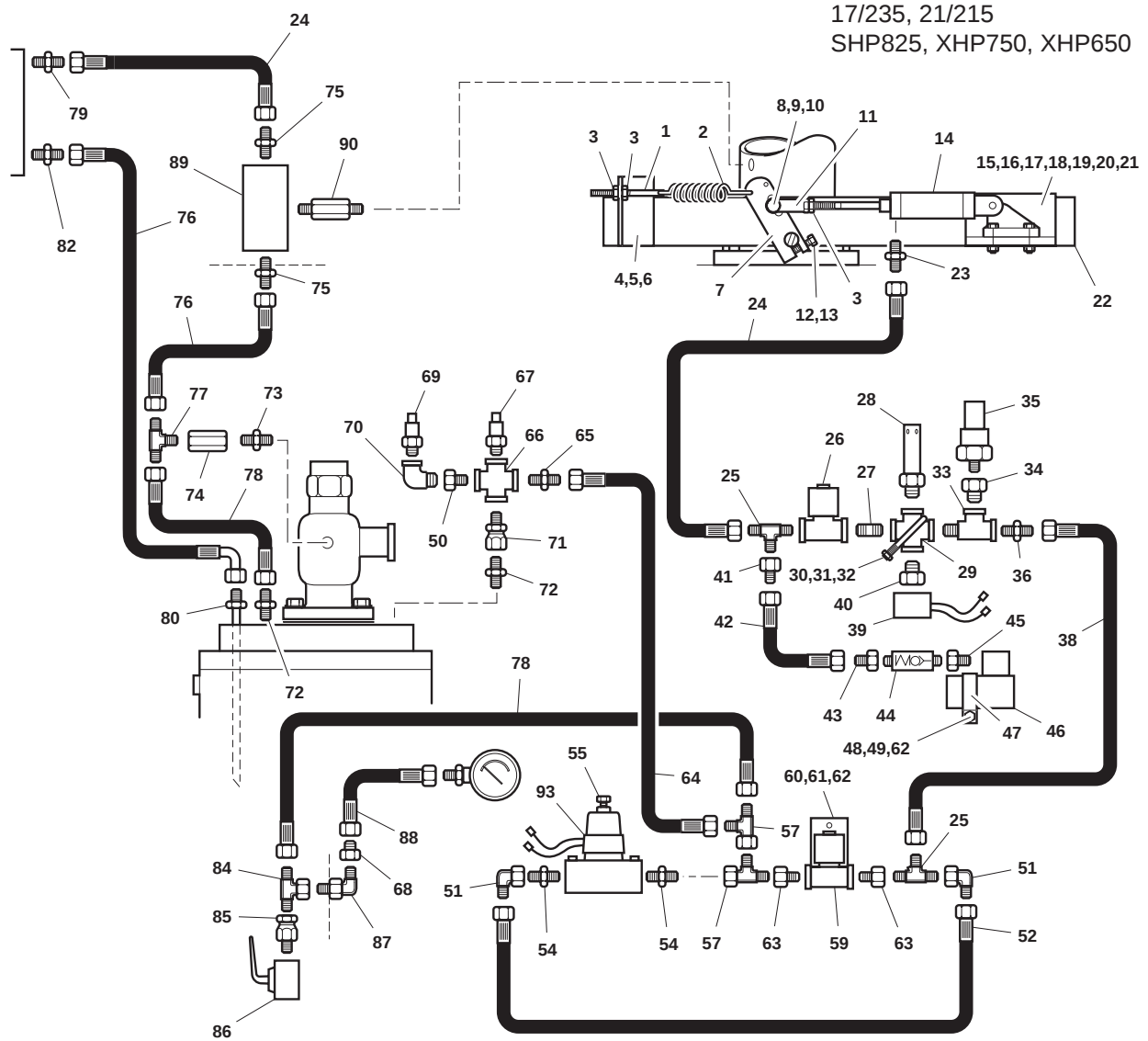
Regulation System



22326722_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	

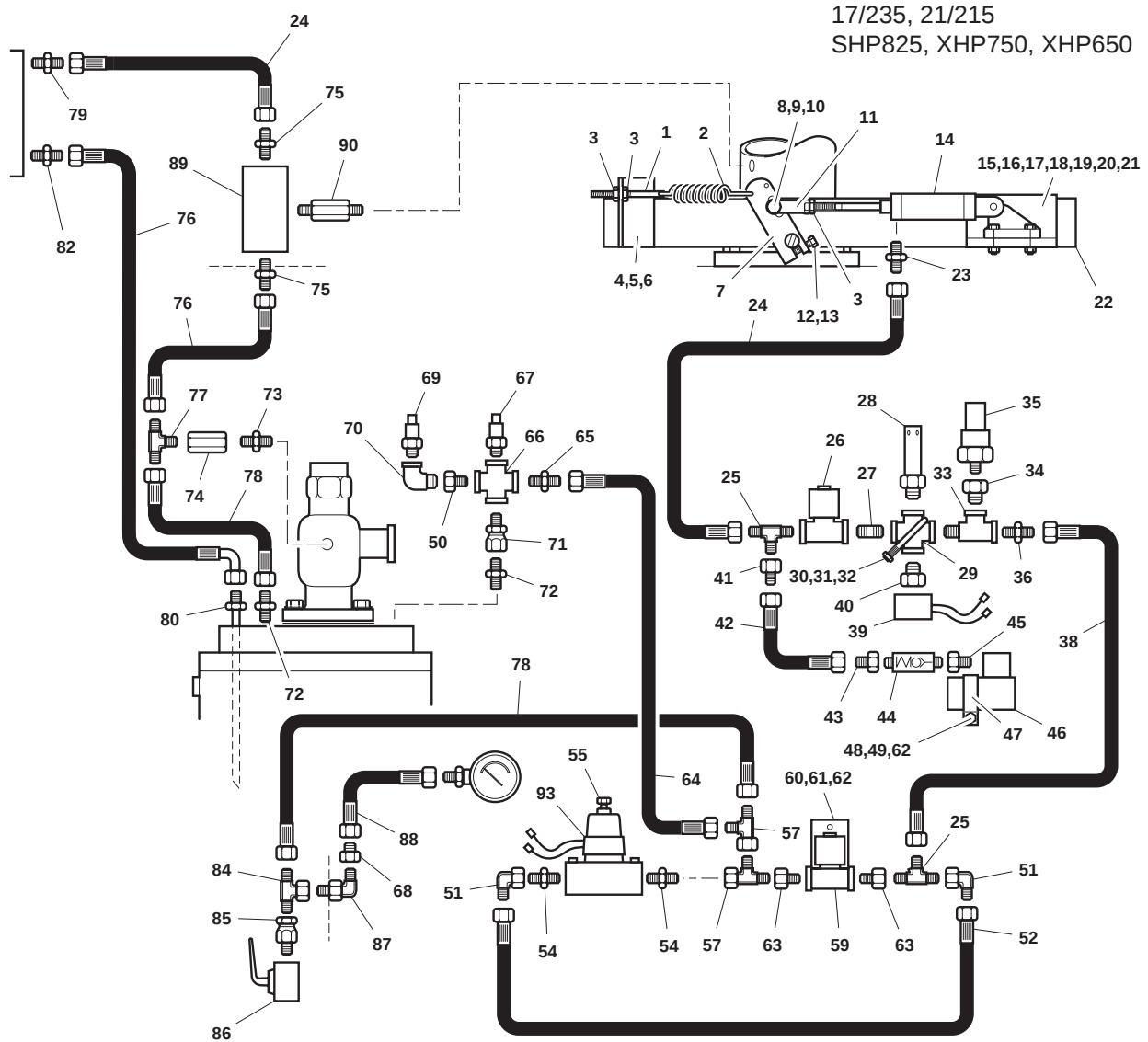
Regulation System



22326722_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

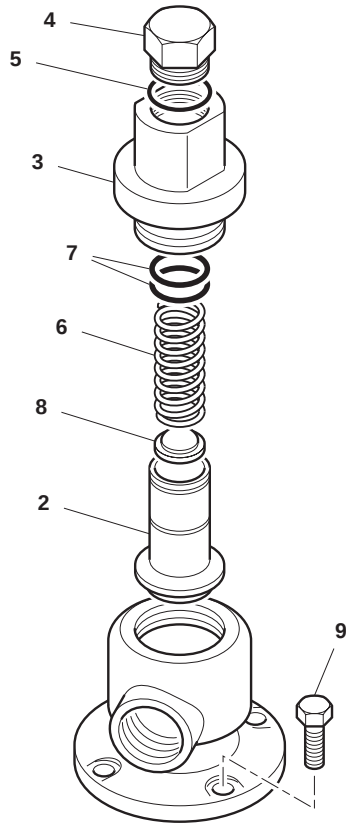


22326722_082_11/04_A

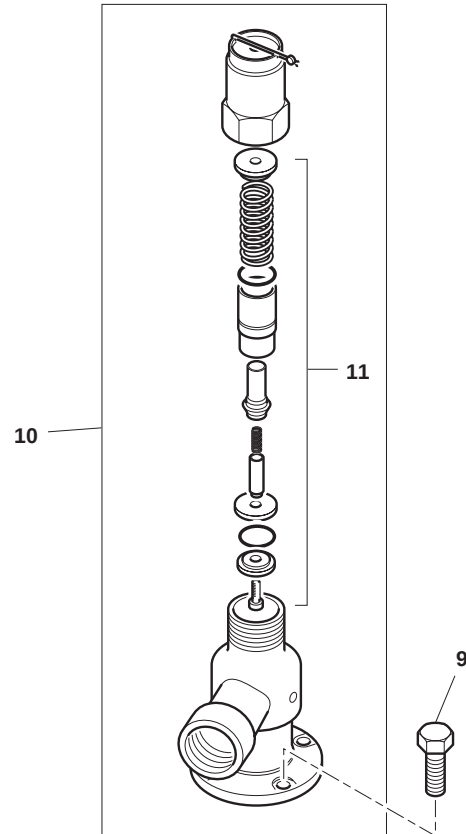
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
81	--			Continued
82	92955244	Adaptor, Orifice	1	
83	35283282	Hose Assembly	1	
84	35283092	Tee	1	
85	35367846	Adaptor	1	
86	35324839	Valve, Ball	1	
87	36852499	Elbow	1	
88	35283241	Hose Assembly	1	
89	92892959	Valve, Auto Blowdown	1	
90	92971811	Adaptor,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



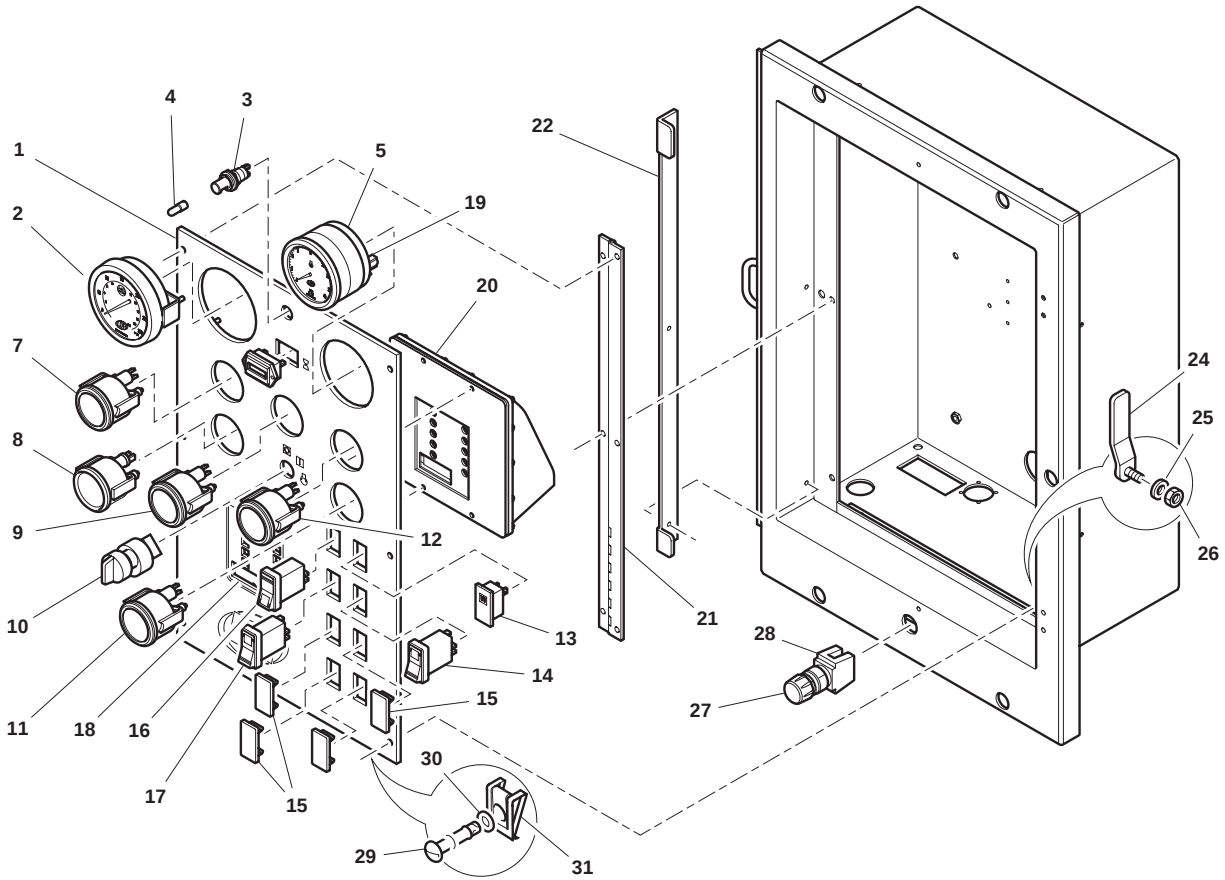
17/235, 21/215
SHP825, XHP750, XHP650



22326722_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	

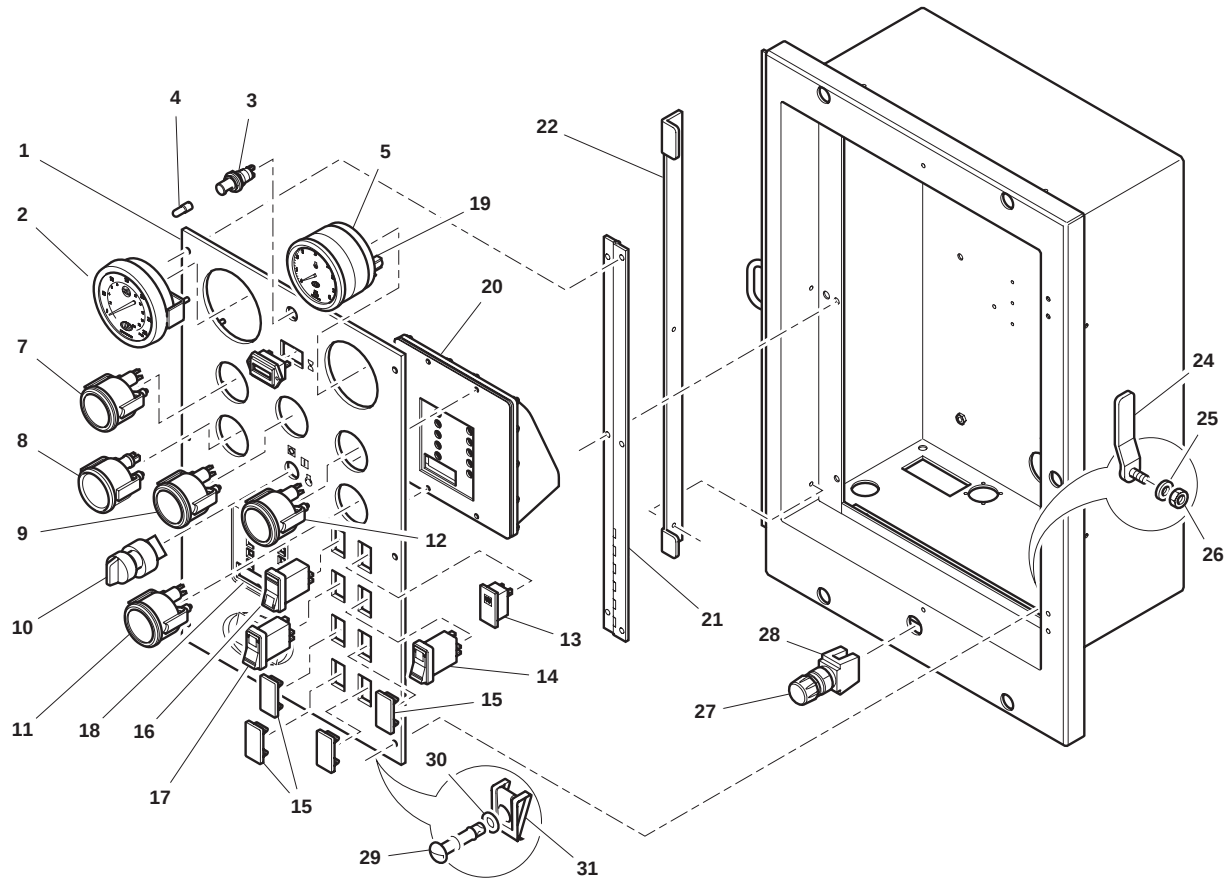
Instrumentation/Electrical System



22326722_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.....

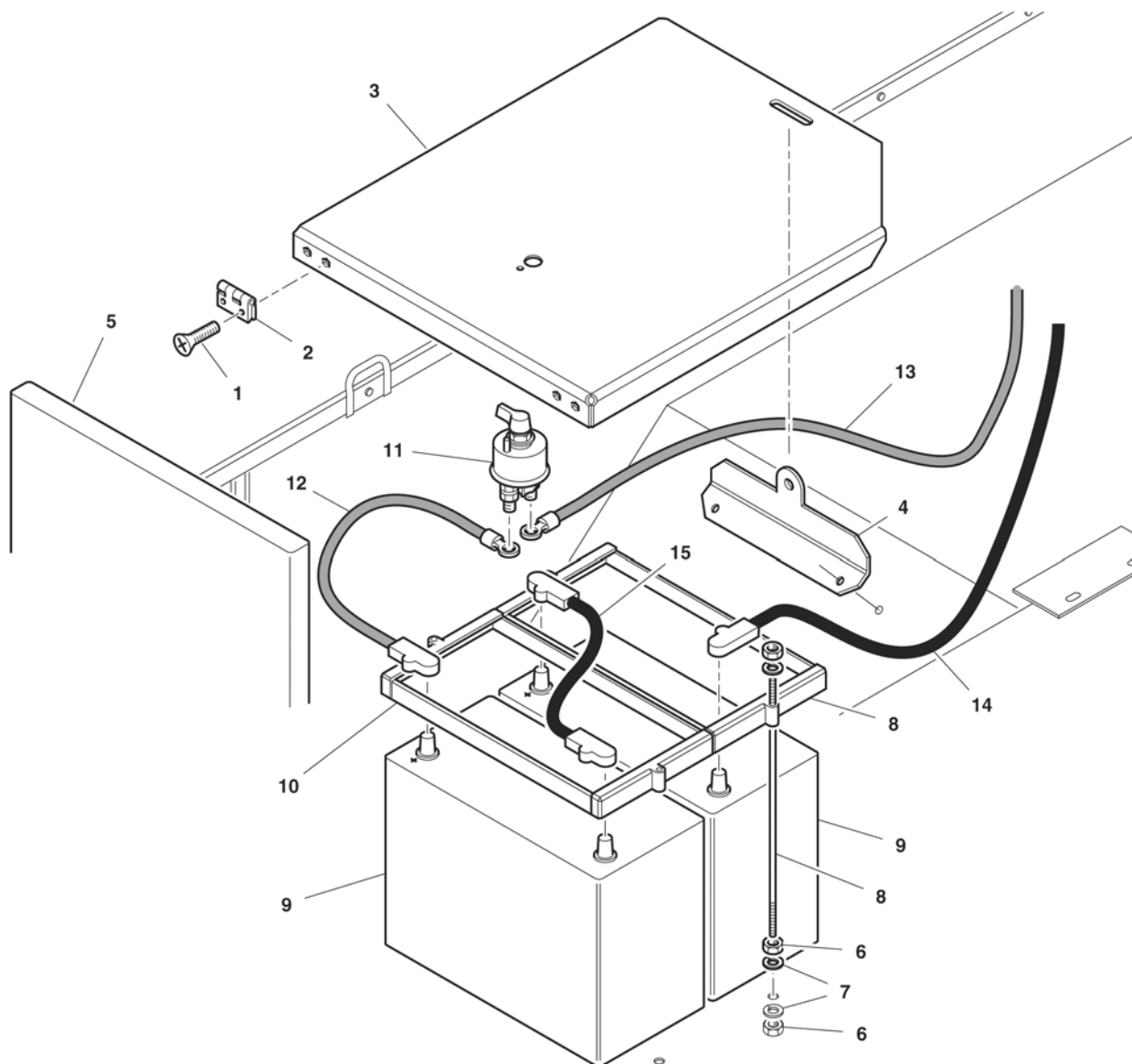
Instrumentation/Electrical System



22326722_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	

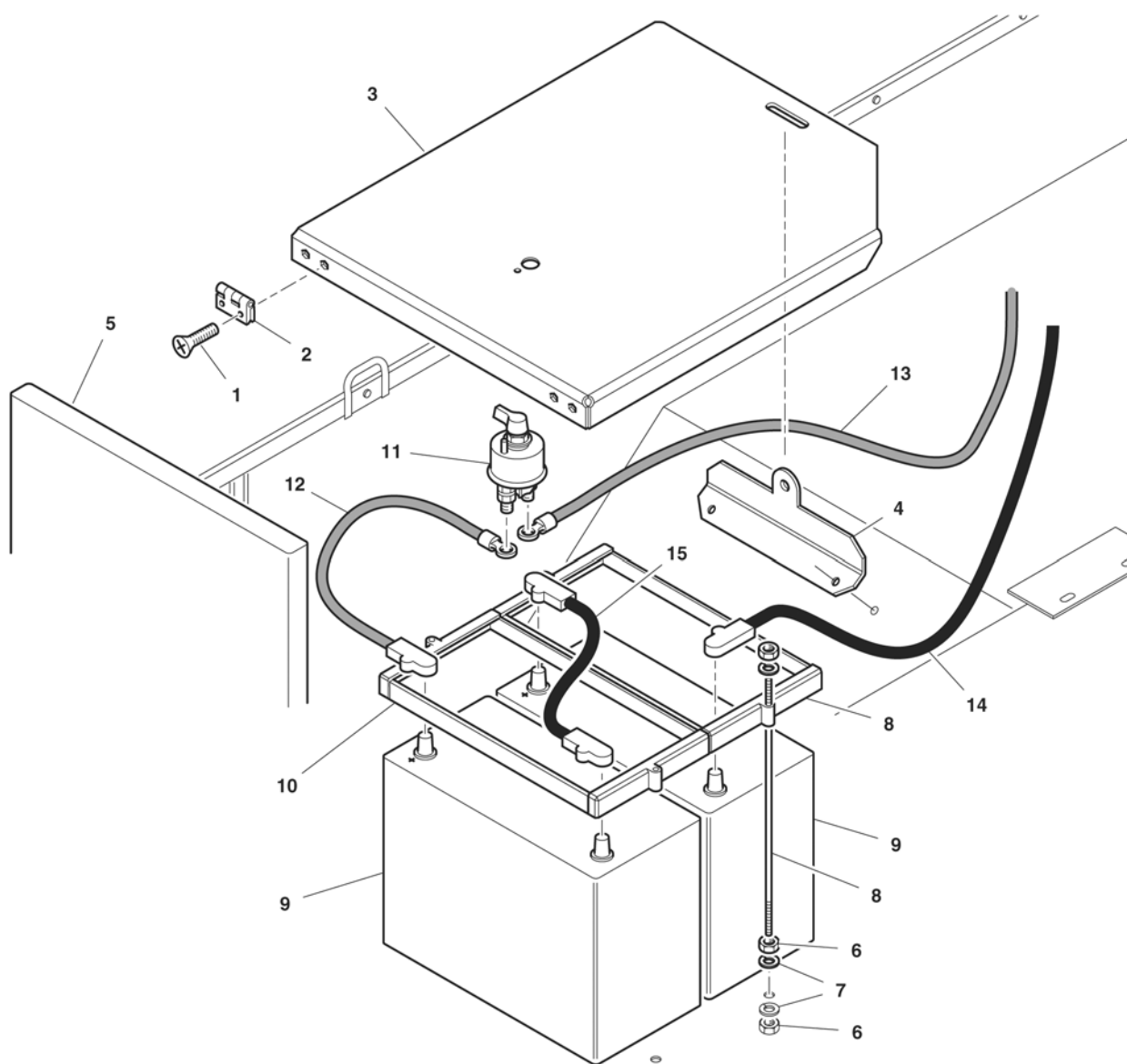
Instrumentation/Electrical System



22326722_092_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	96745807	Screw	8	Continued.....
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	12	

Instrumentation/Electrical System

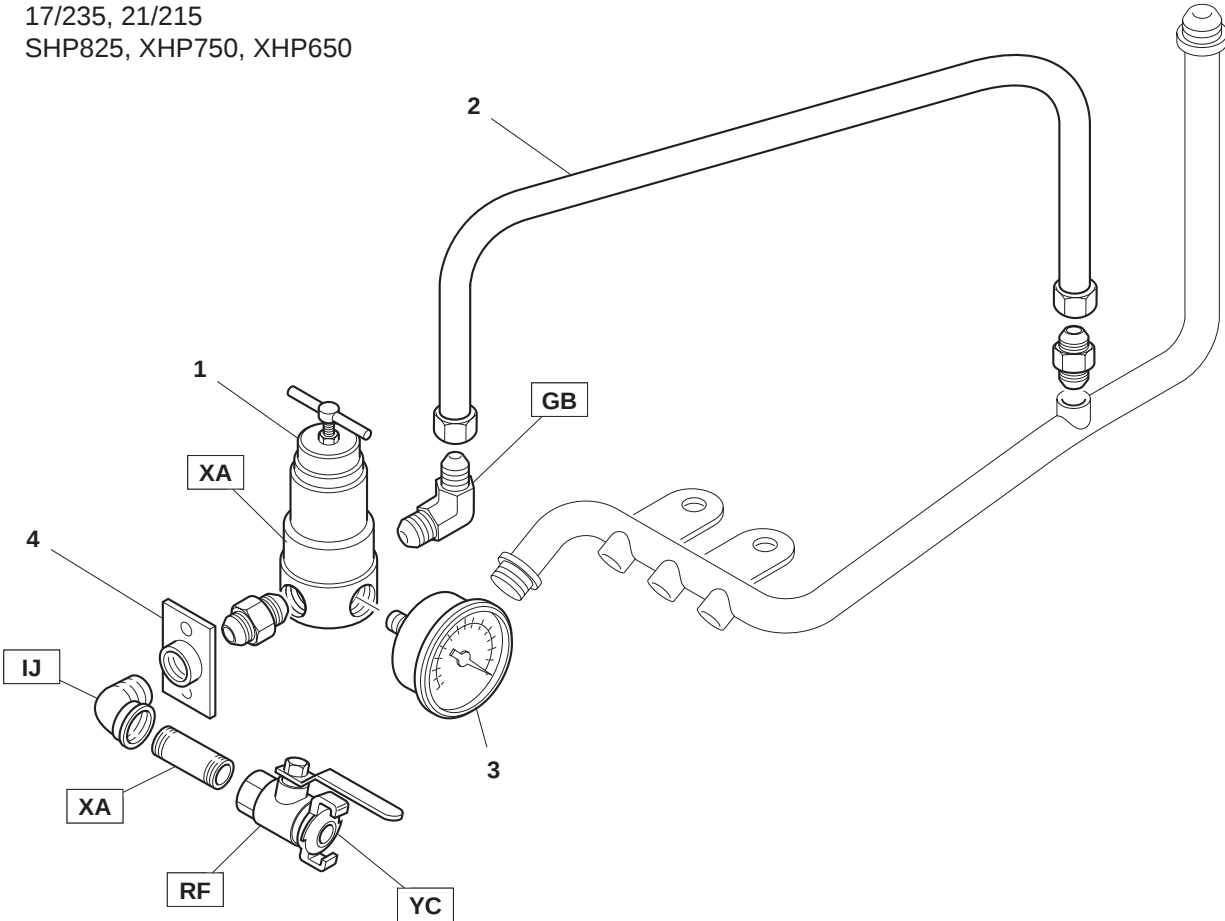


22326722_092_11/04_A

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

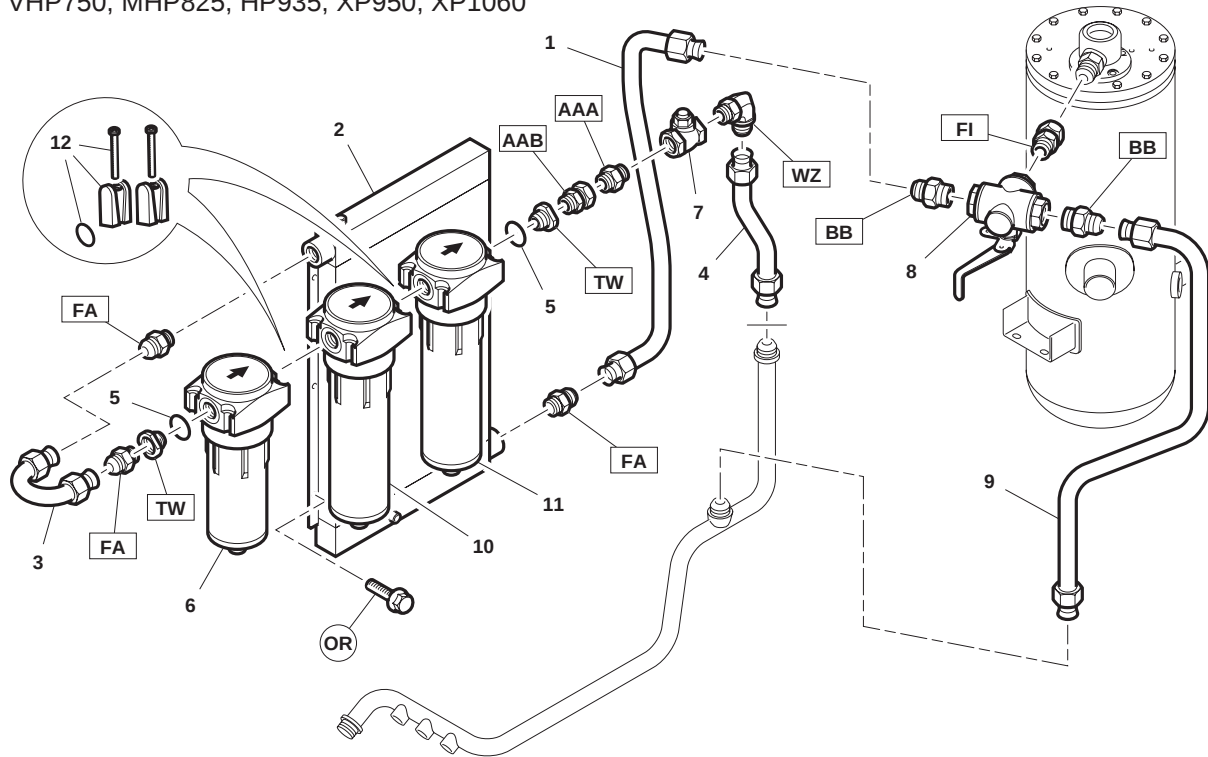


22326722_094_11/04_A

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

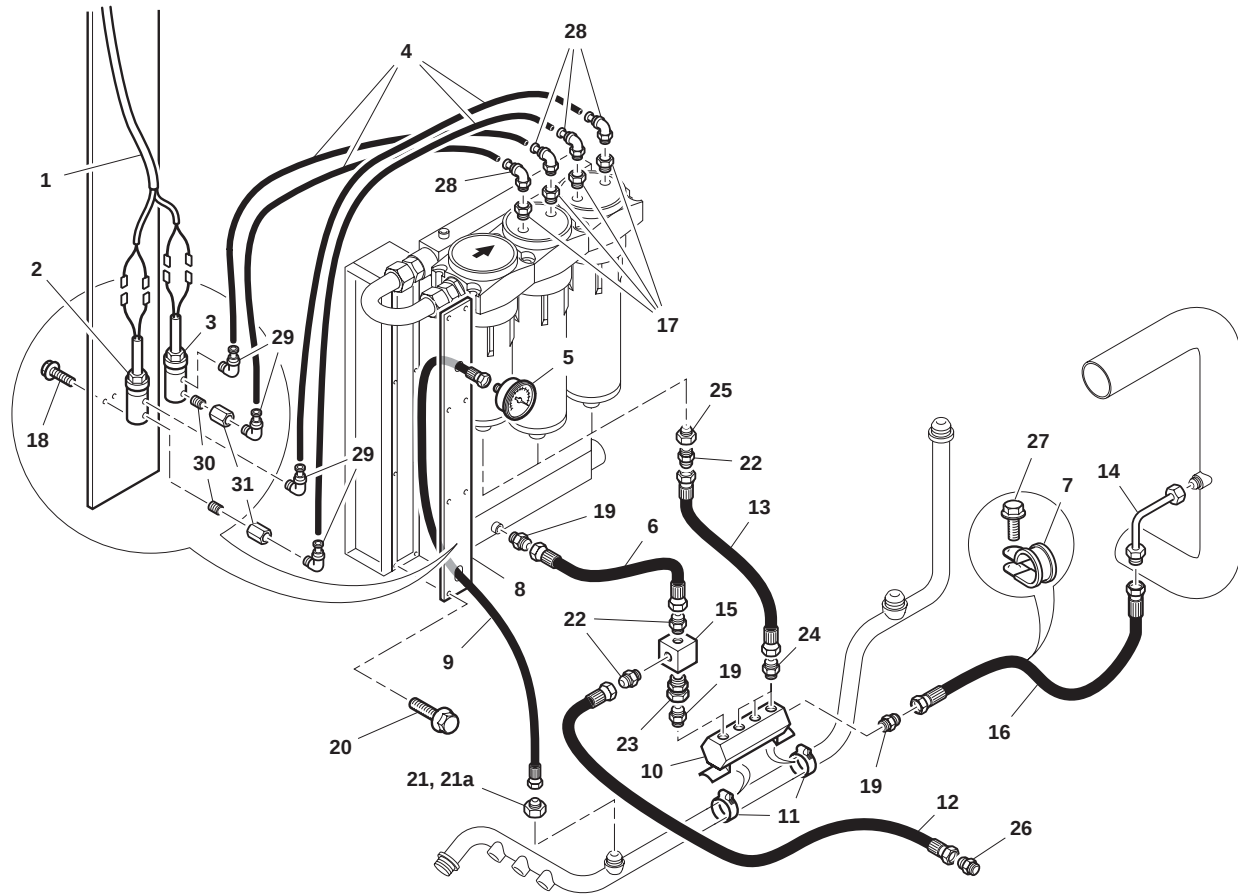


22326722_095_11/04_A

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

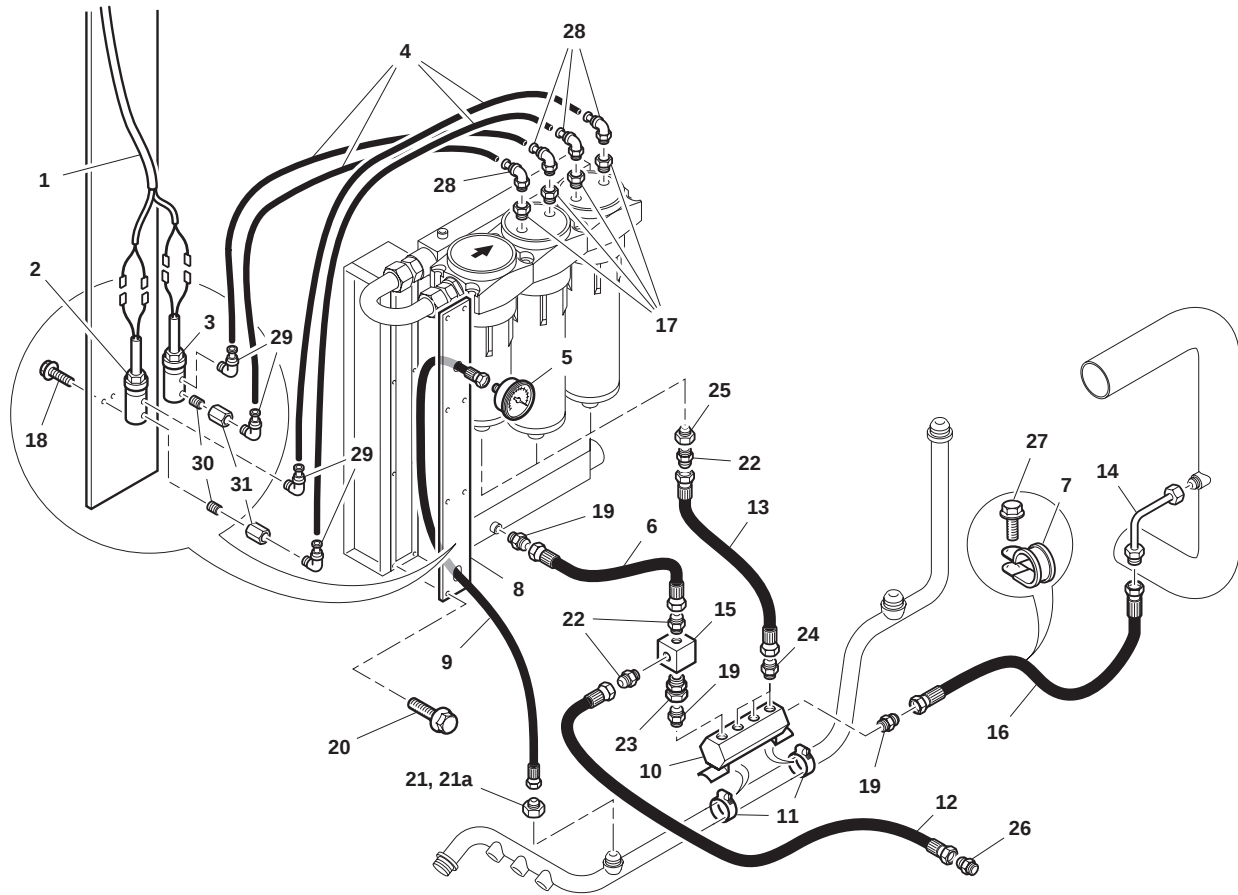


22326722_096_11/04_A

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



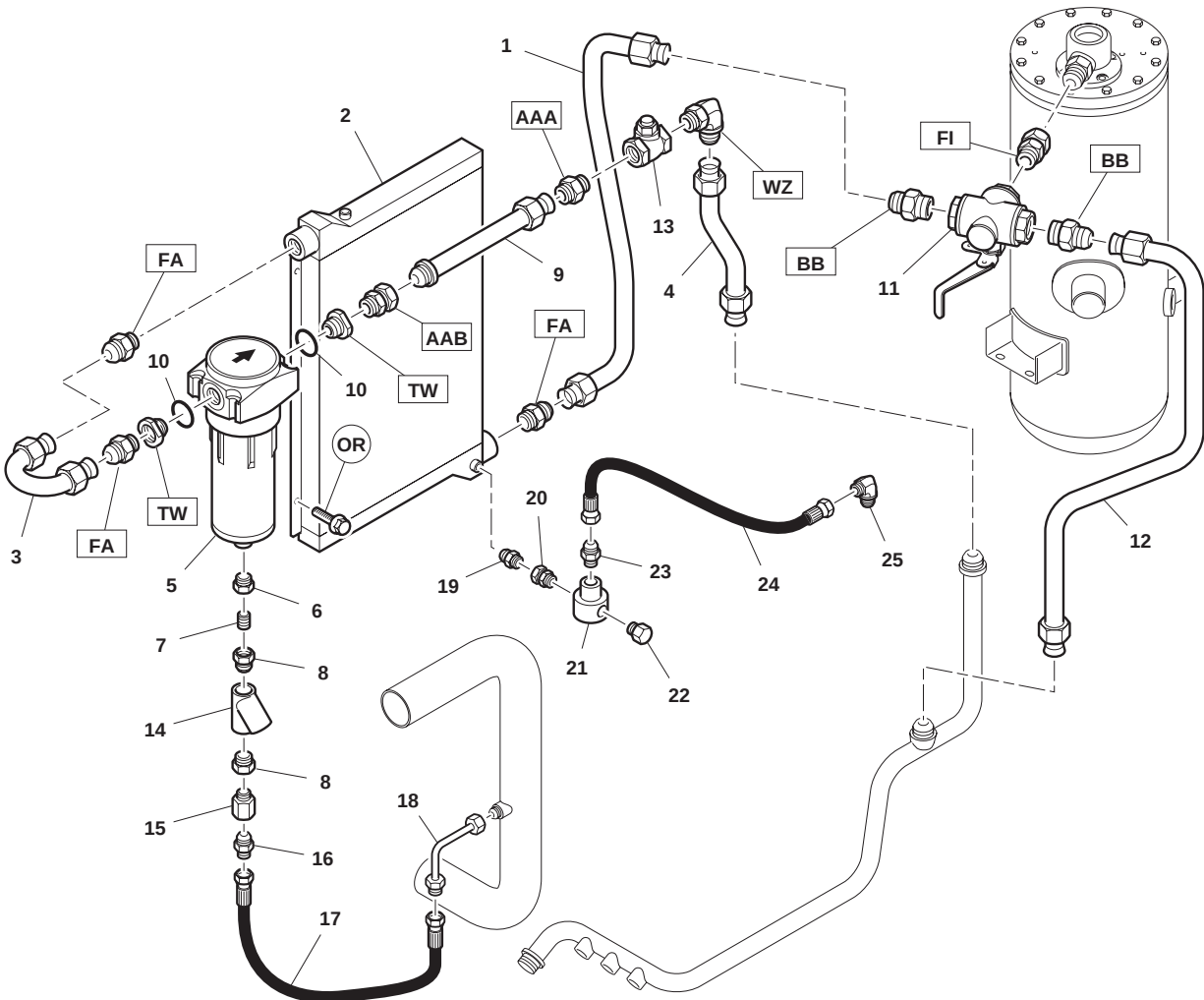
22326722_096_11/04_A

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



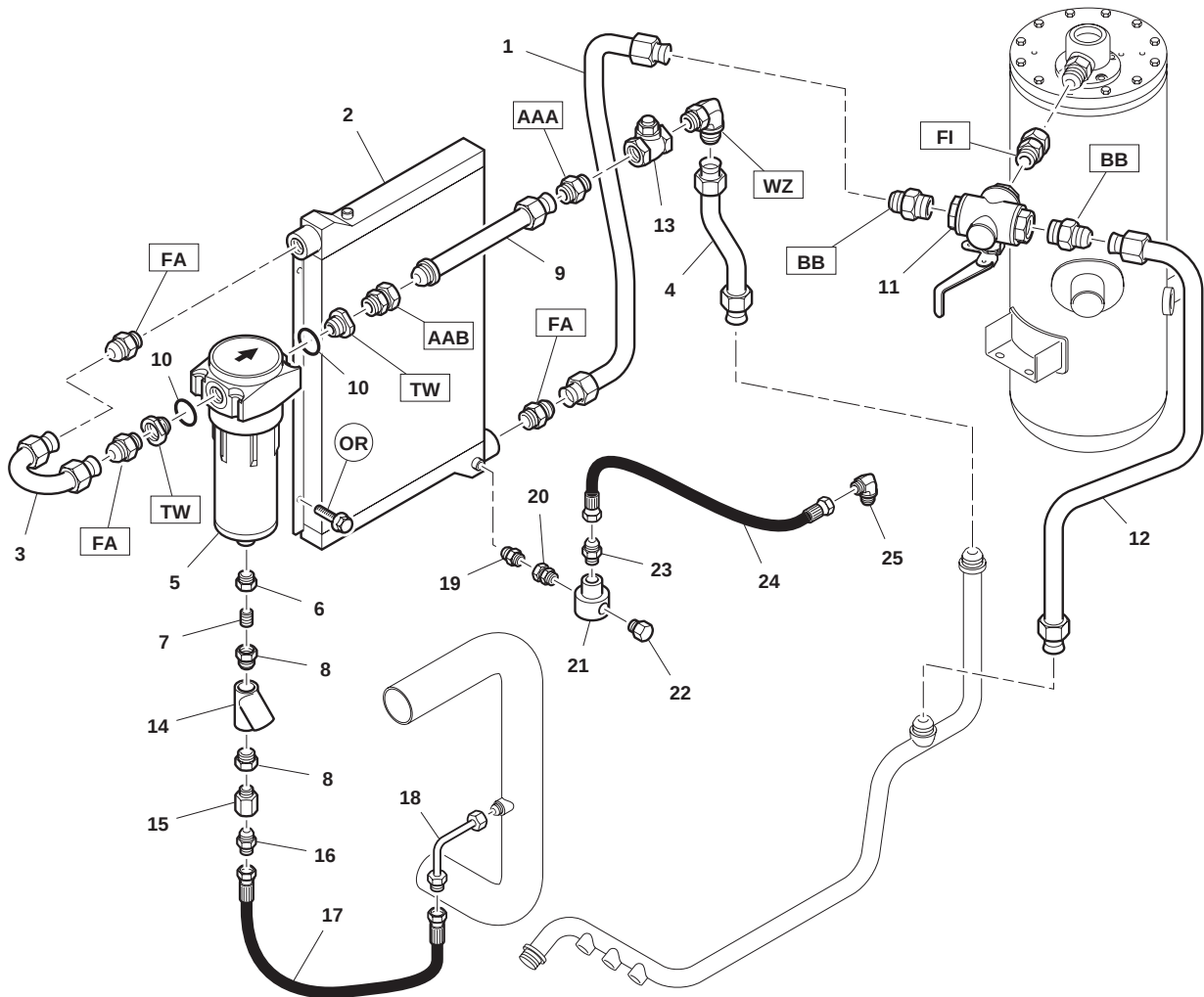
22326722_098_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54575980	Tube Assembly	1	
2	54709944	Aftercooler	1	
3	46355602	Tube Assembly	1	
4	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 - Oil/Air Piping (Aftercooler)

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

VHP750, MHP825, HP935, XP950, XP1060

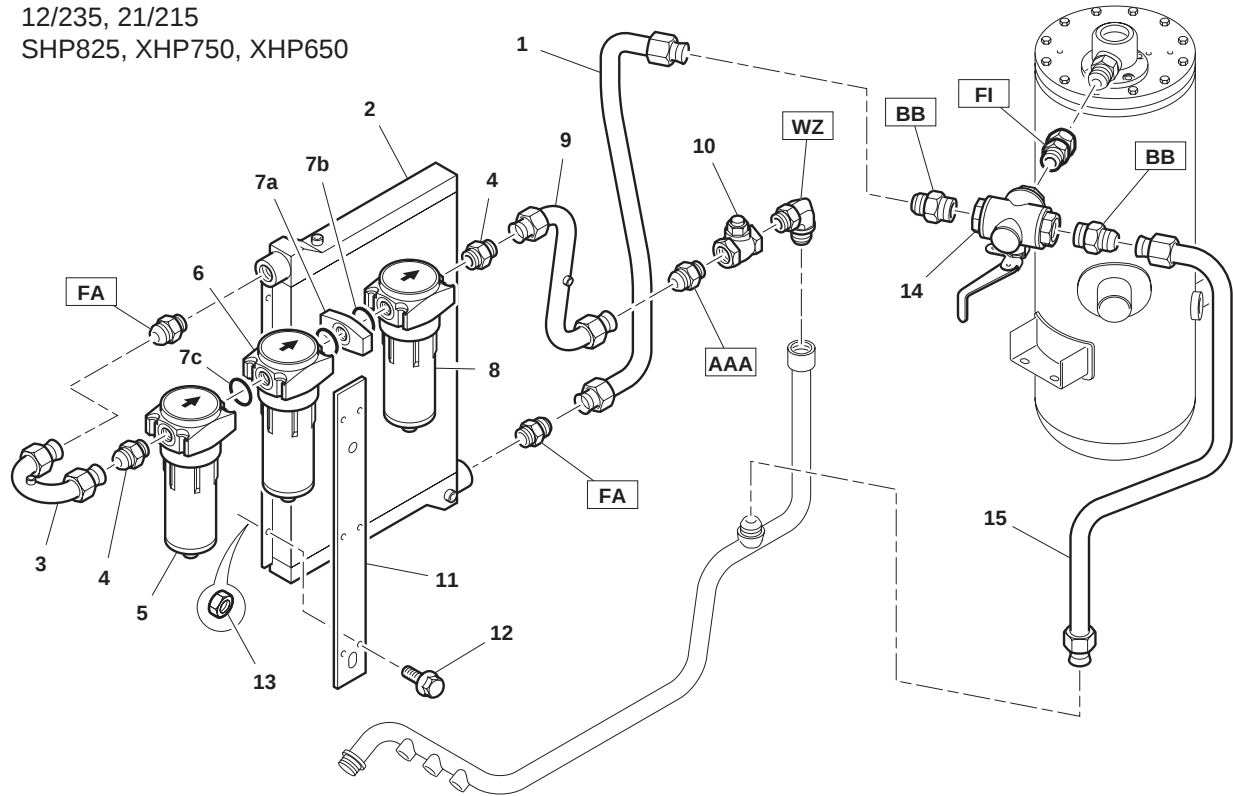


22326722_098_11/04_A

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

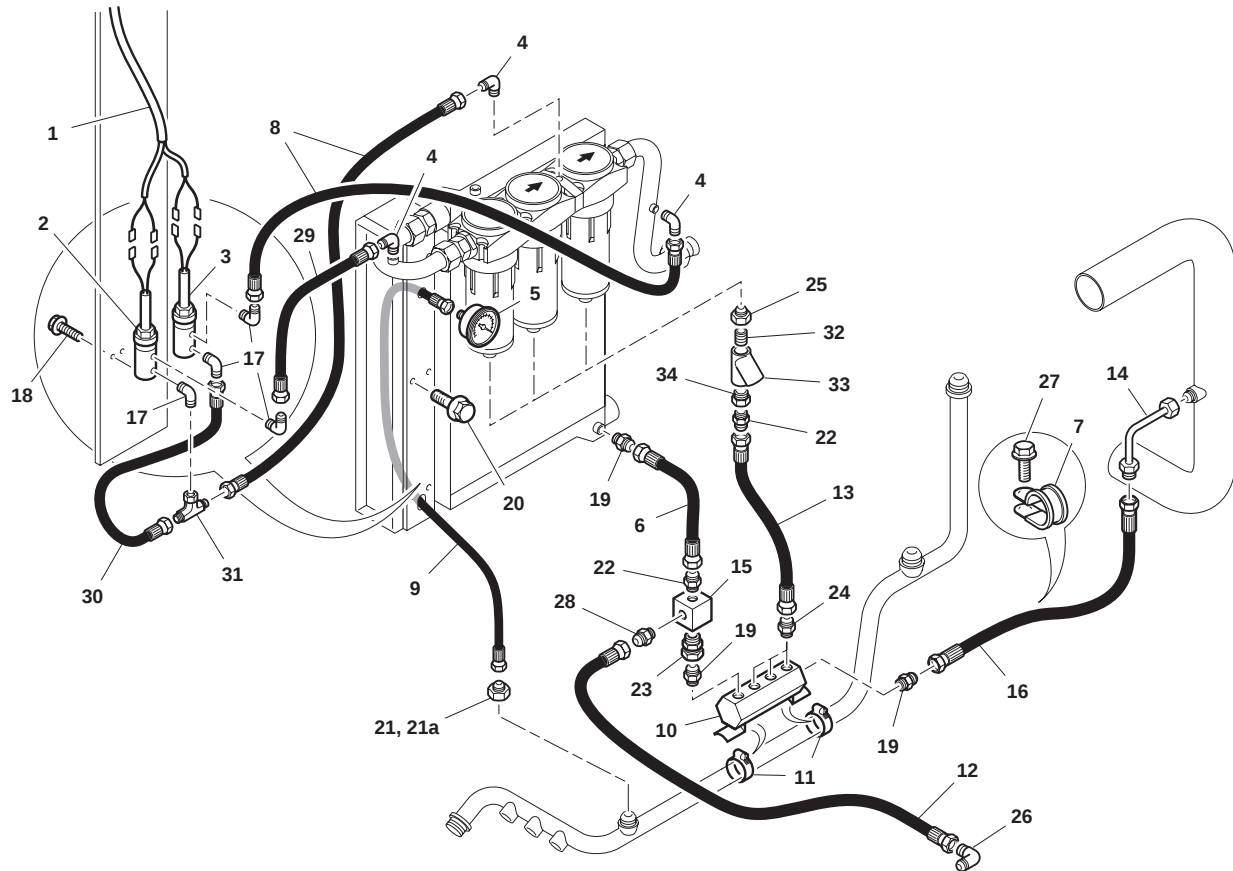


22326722_100_11/04_A

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

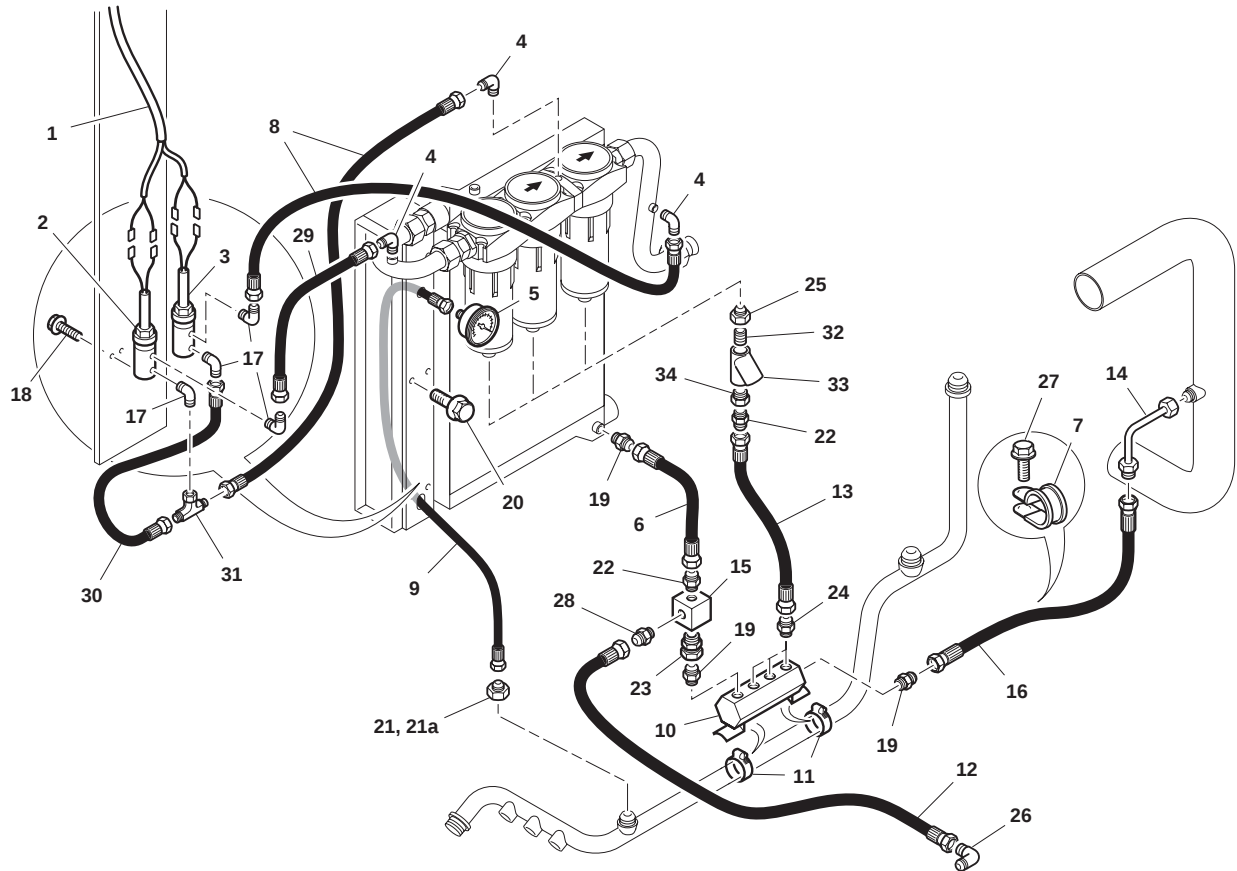


22326722_101_11/04_A

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

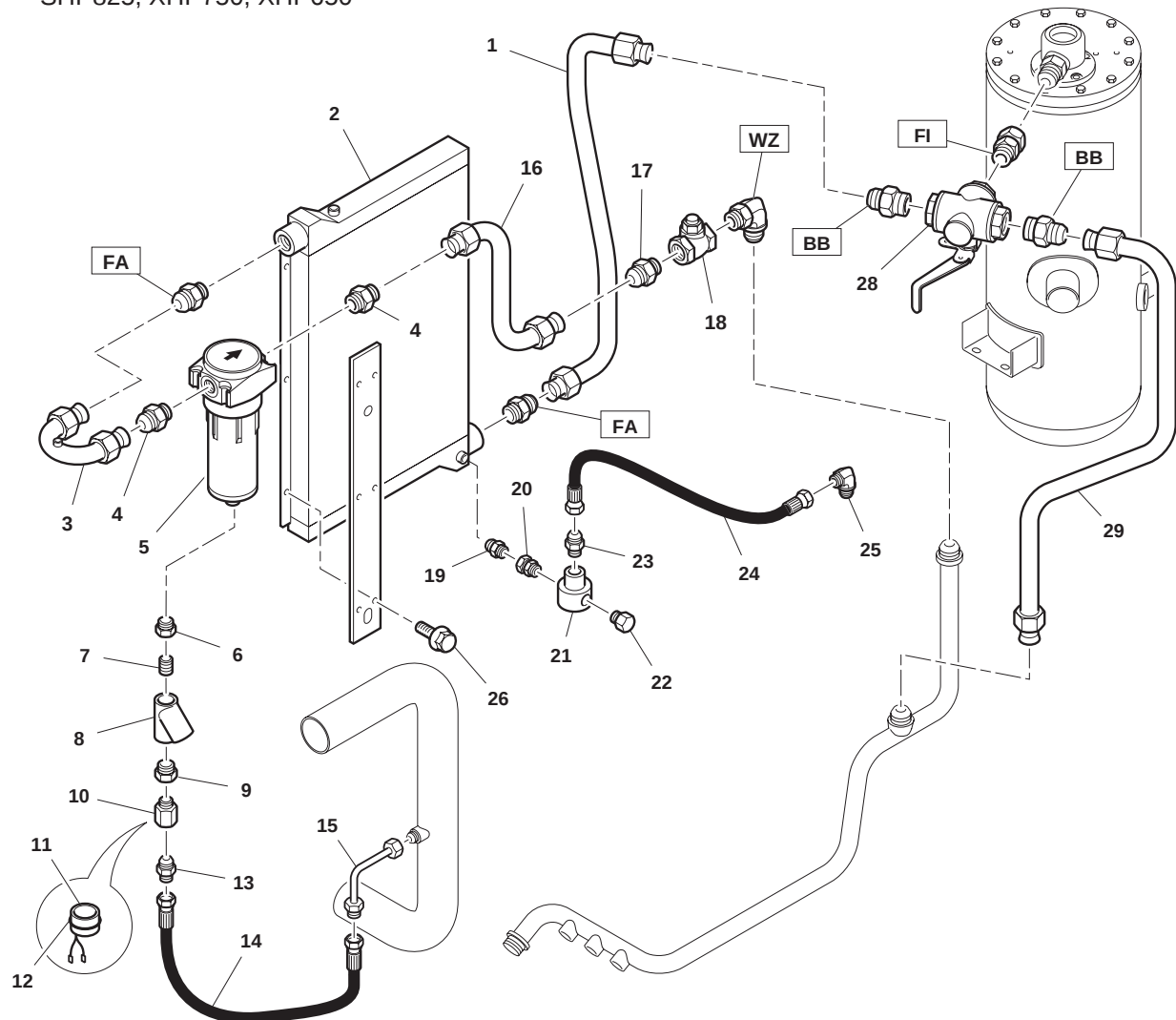


22326722_101_11/04_A

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

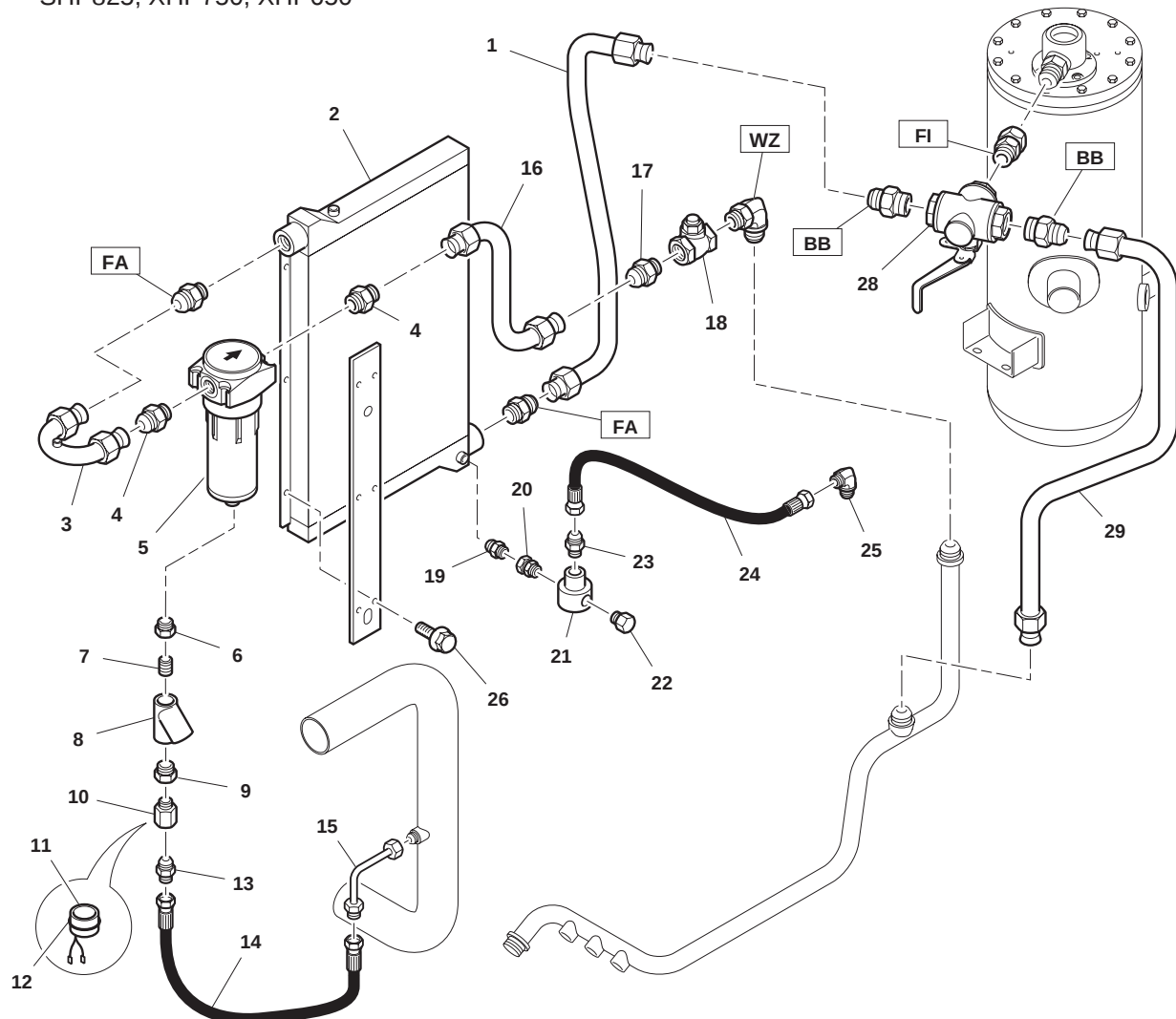


22326722_103_11/04_A

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

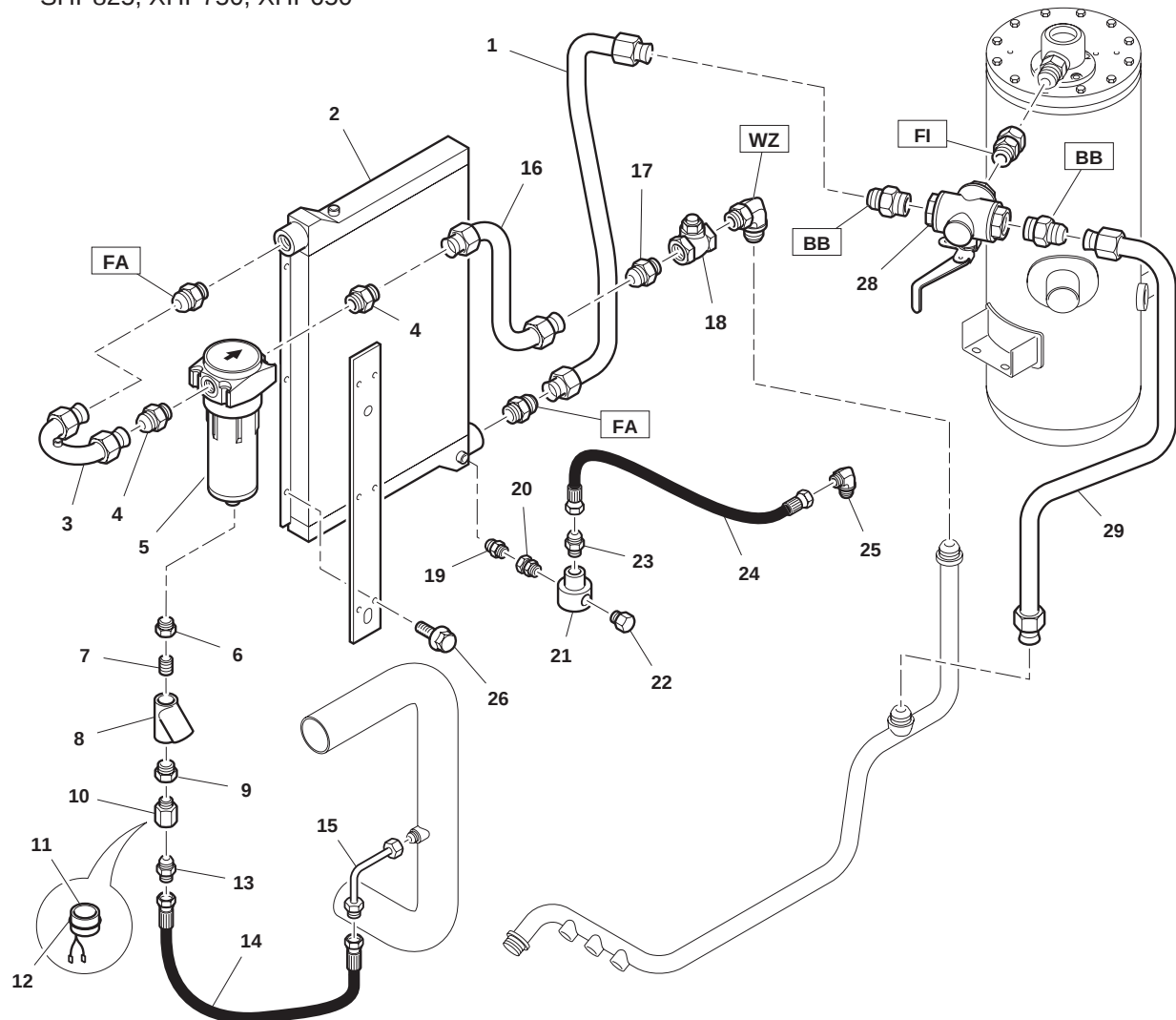


22326722_103_11/04_A

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)

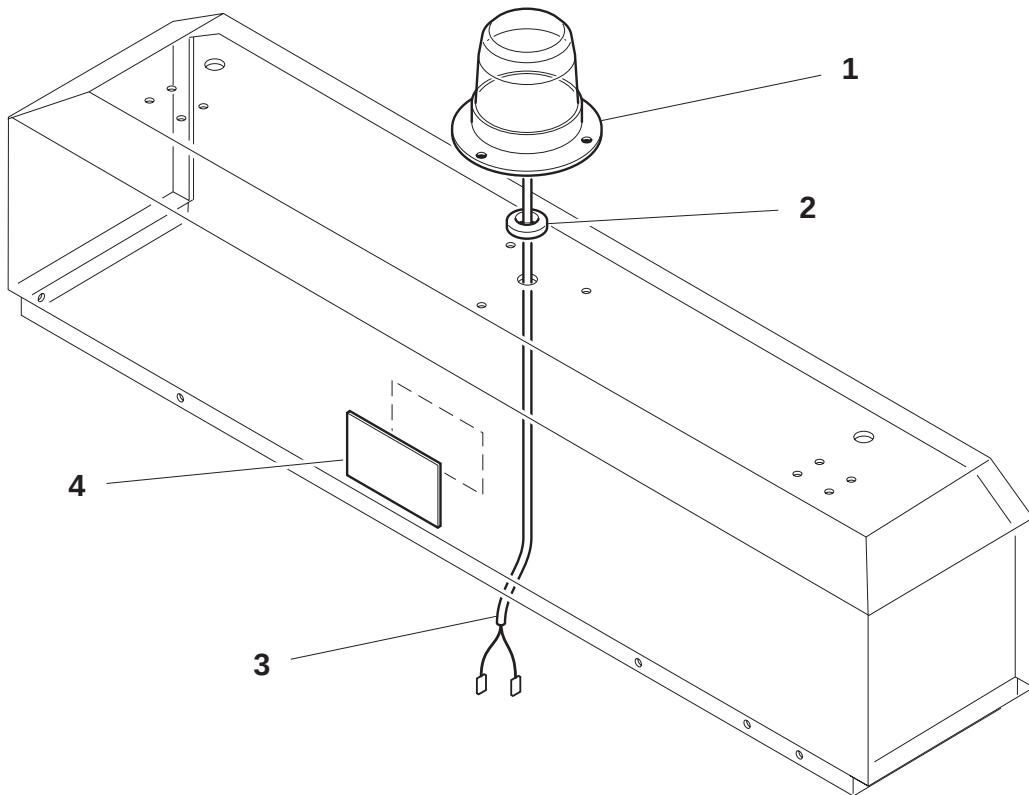
12/235, 21/215
SHP825, XHP750, XHP650



22326722_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	

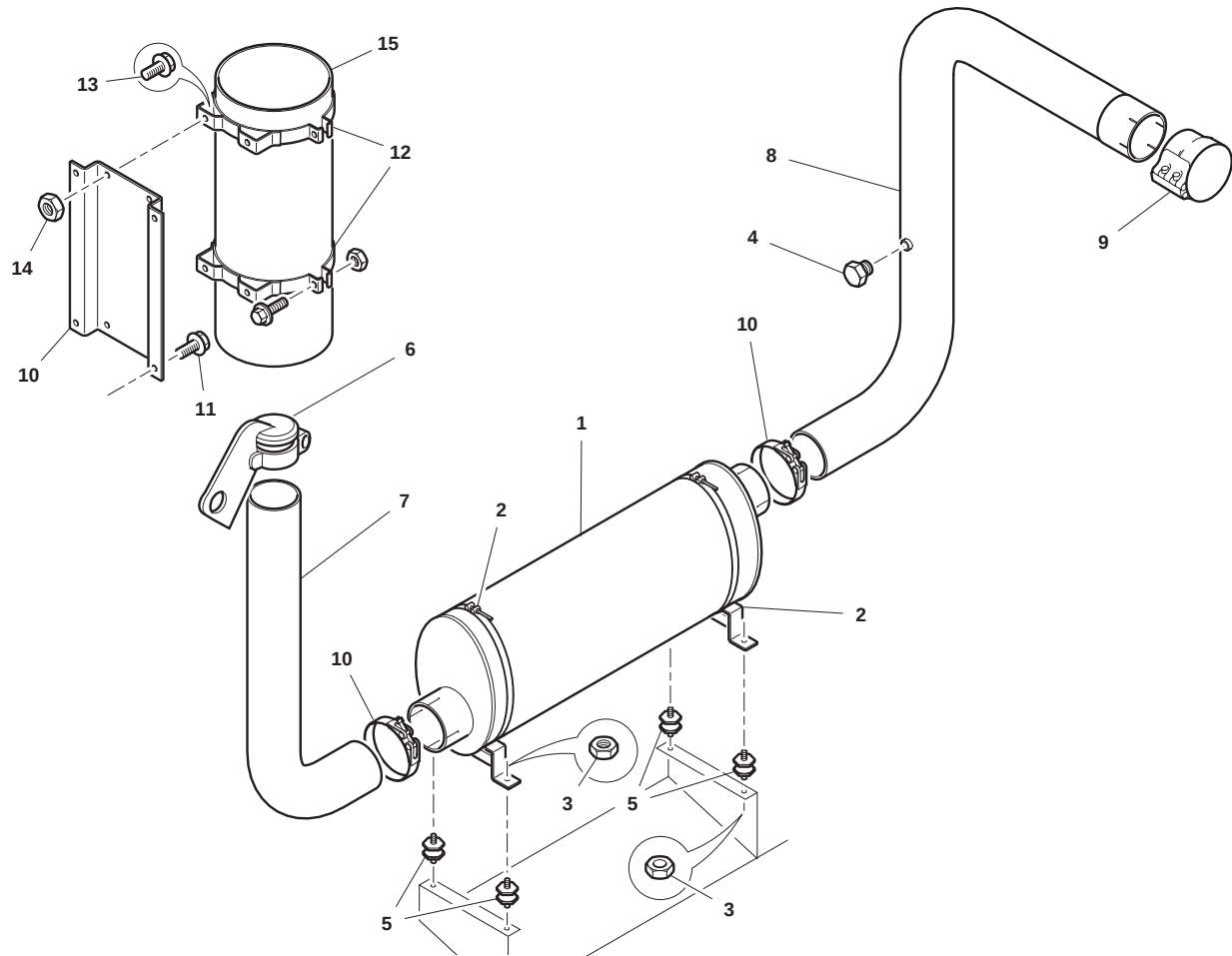
Option - Flashing Light (Low Fuel Shutdown)



22326722_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	

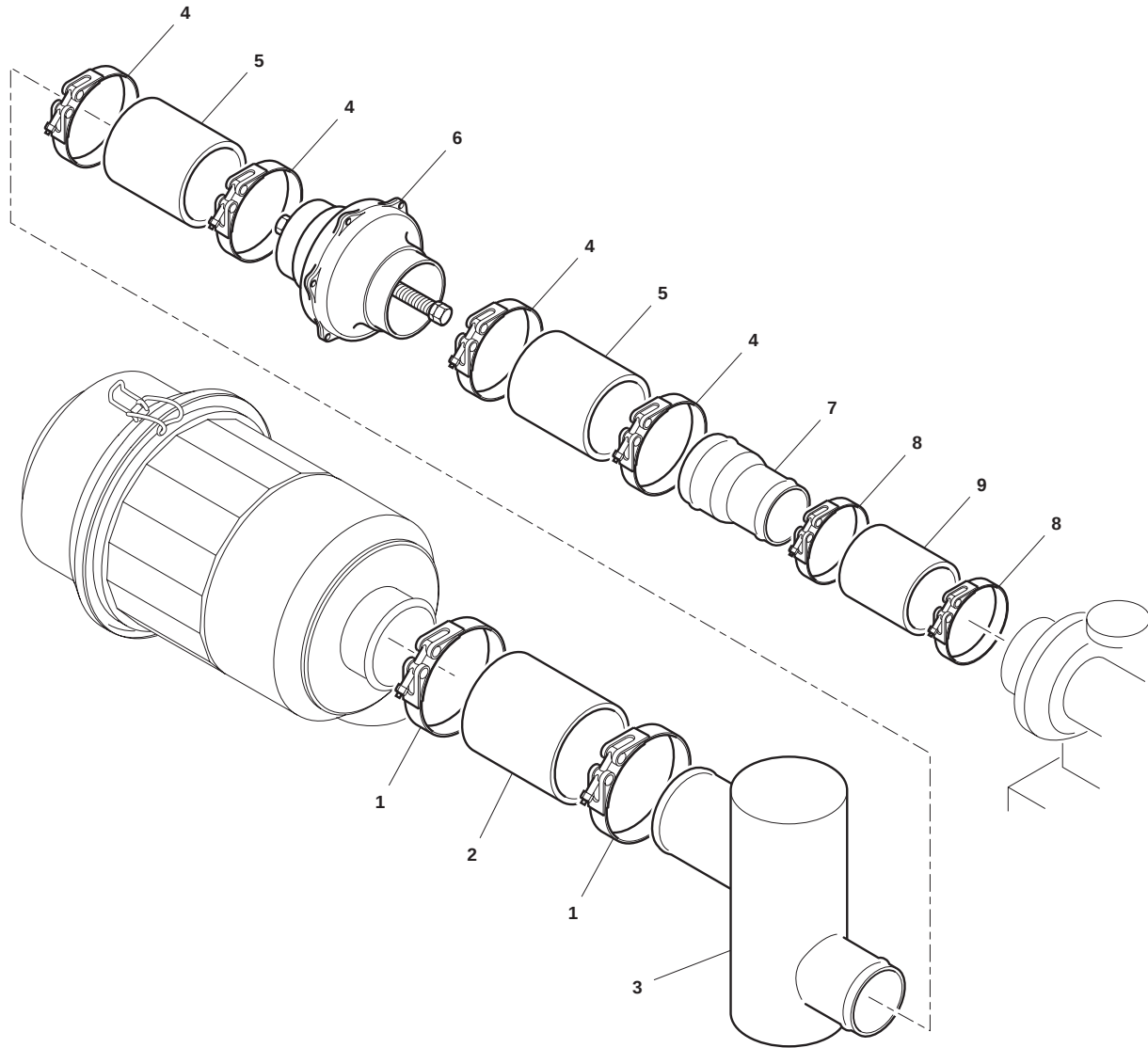
Option - Spark Arrestor



22326722_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	

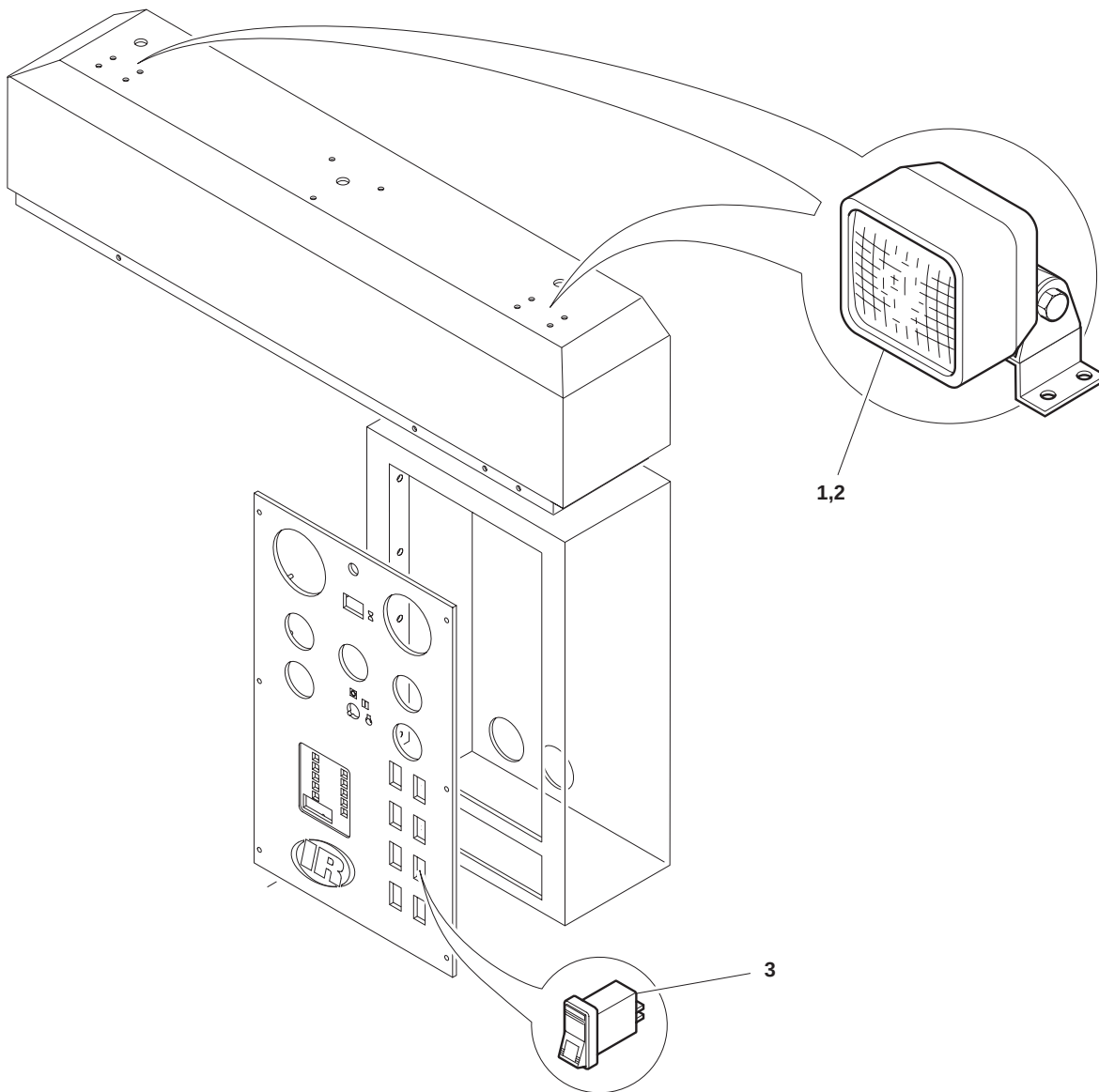
Option - Overspeed Valve



22326722_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	

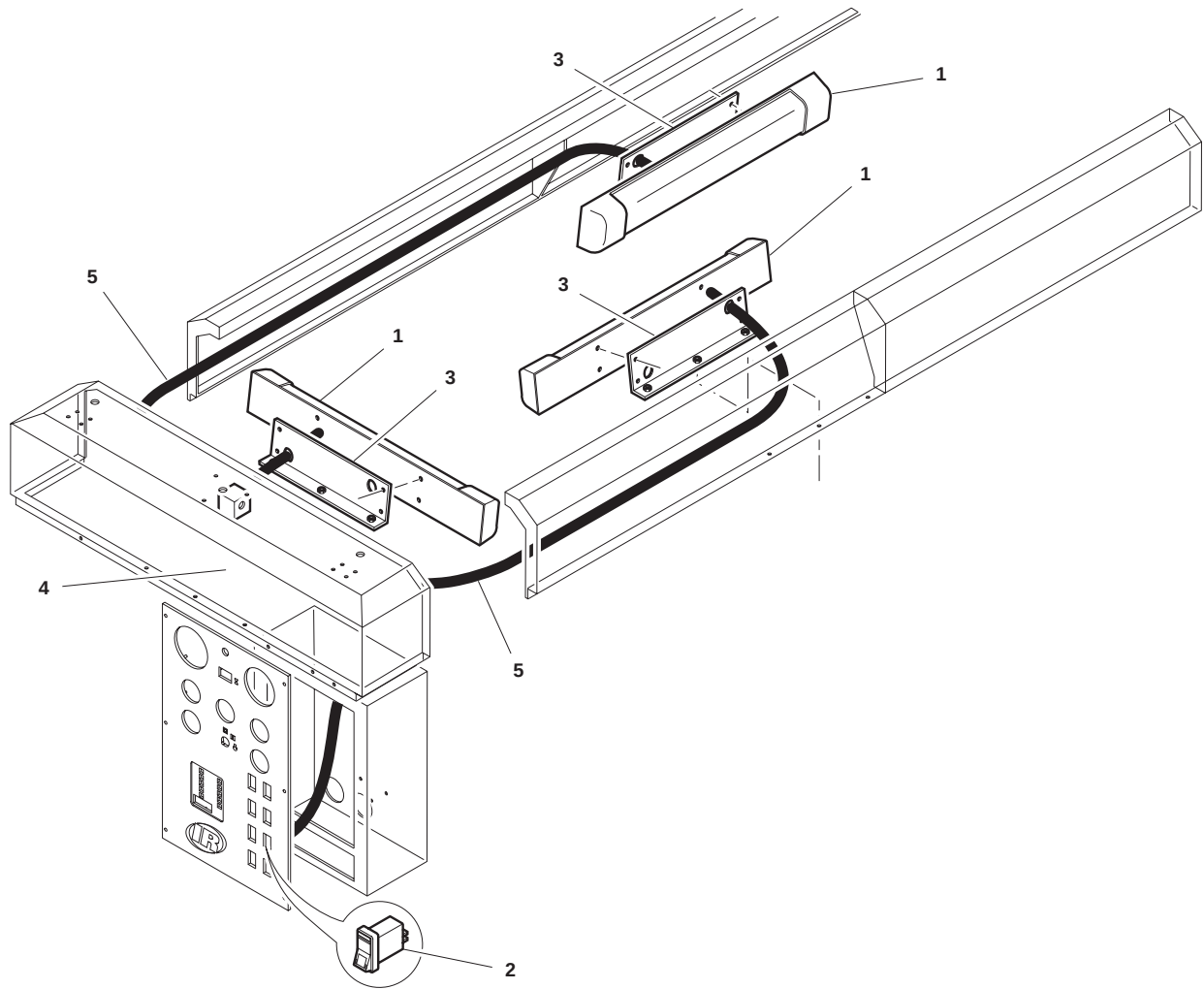
Option - Worklights



22326722_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

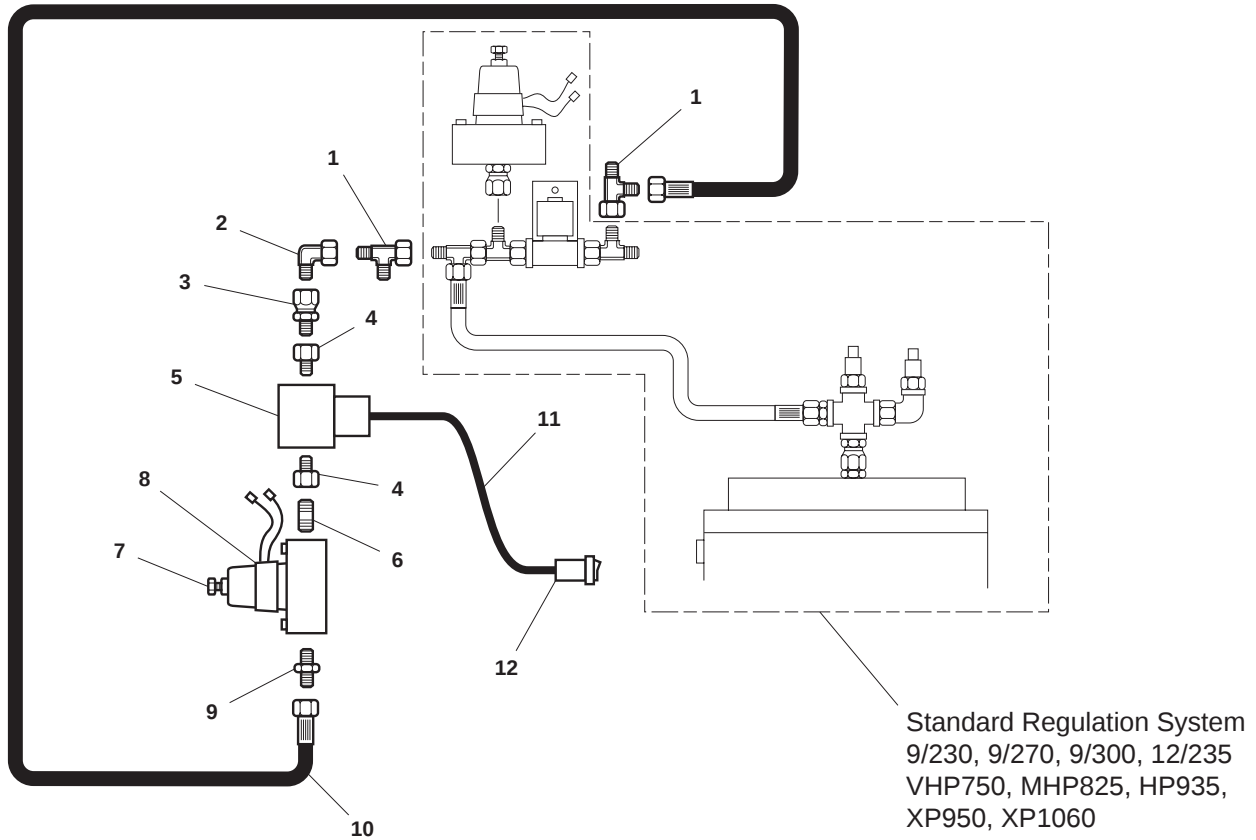


22326722_110_11/04_A

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

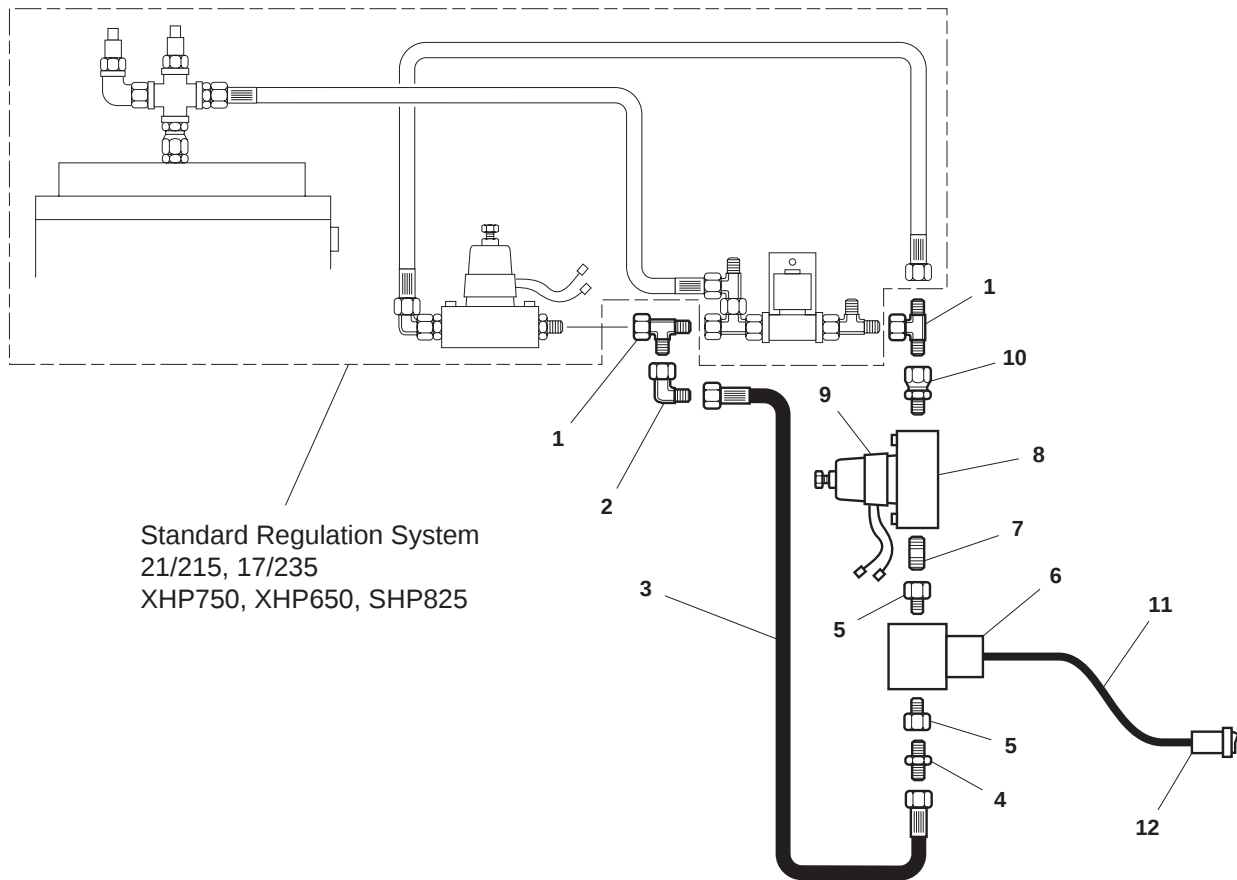


22326722_111_11/04_A

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



22326722_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
				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

WORD INDEX

Symbols

(0-100psi)	78
(0-225psi)	77
(17/235	
21/215) (SHP825	
XHP750	
XHP650)	67
(9/230	
9/270	
9/300	
12/235)	67
(HP935	
VHP750	
MHP825	
XP1060)	67
* Not Illustrated	114
† Option	114

CPN

0-100psi	79
17/235	
21/215	
SHP825	
XHP750	
XHP650	89
4"	108
5"	108
6"	108
600psi	90
9/230	
9/270	
9/300	
12/235	79, 89

A

Actuator	
Hydraulic Surge	20
Adaptor 47, 65, 66, 69, 71, 74, 76, 77, 78, 79, 80, 81,	
83, 84, 85, 86, 87, 88, 94, 97, 98, 99, 102, 103, 104,	
111, 112, 114, 117	
Orifice	88, 102, 114, 118
SW Nut	117
Adjuster	11
Aftercooler	95, 98, 100, 103
Air Intake System	60, 61, 62
Airbox	
HSRG	52
SRG	52
Airend (Bare)	34
Airend Assembly . 34, 35, 36, 37, 38, 39, 40, 41, 42,	
43, 44, 45	
Airend Pipework	46, 47, 48, 49
Angle	
Cooler Seal	50
Arrestor	
Spark	107

Assembly	
Fan Support	33
Axle Assembly	
Front	20, 24
Rear	20, 24

B

Baffle	54
Bail	
Lifting	51
Ball-Joint	82
Band	
Mounting	63, 107
Bar	
Bumper	27
Base	20, 24
Cable Tie	106, 109, 110, 114
Battery	93
Battery Connection	29
Beam	10
Rear Axle	12
Bearing	
Bronze	14, 15
Inner	9, 11
Outer	9, 11
Bearing Cone	
Inner	18, 22
Outer	19, 23
Belt	
Drive	31
Blade	
Fan	31
Body	15, 81, 89
Bolt	
Eye	51, 54
U	18, 84
Box	
Pintle	15
Bracket	
HSRG	75
Left Hand	27
LH	40
Parking Brake	
Left Hand	25
Right Hand	25
RH	40
Right Hand	27
SRG	75
Brake A	
Left Hand	29
Right Hand	29
Brake Actuating Lever Kit	
Left Hand	22
Right Hand	22
Brake Assembly	
Left Hand	18, 22
Right Hand	18, 22

WORD INDEX

Brake B
 Left Hand 30
 Right Hand 30
 Brake Cylinder Kit
 Left Hand 18
 Right Hand 18
 Brake Magnet Kit 22
 Brake Shoe & Lining Kit
 Left Hand 18
 Right Hand 18
 Brake Shoe and Lining Kit 22
 Brake Spring Kit 19
 Bulb
 Light 90, 106, 109, 114
 Bush 81
 Reducing 47, 111, 112, 114, 117, 118
 Button
 Emergency Stop 91

C
 Cable 25, 93
 Brake 14
 HSRG with Electric Brake 26
 Cable - Not Illustrated 26
 Cage
 Spindle Nut 19, 23
 Cap
 Fuel Filler 65
 Grease Fitting 8, 10, 14
 Capscrew Socket Head 114, 115
 Catch (Female) 54
 Catch (Male) 54
 Chalwyn Valve 108
 Circlip 43
 Clip 20, 23, 25
 Hose 28, 77
 Retaining 70, 74, 96, 101
 Tube 28
 Cock 66
 Collar 72
 Compressor 78, 85
 Conditioner
 Coolant 32
 Conduit 29
 Connector
 Flexible 63
 Contact Modules
 Emergency Stop 91
 Cooler
 Charge 67
 Oil 67
 Cooling System 67, 68
 Cotter 26
 Coupling
 Assembly 37, 40
 Element 37, 40

Cover
 HSRG 92
 Hub 9, 11
 SRG 92
 Cover (HA) Machine 51
 Cover (W) Machine 51
 Crank 19, 23
 Cross 76, 78, 84, 86
 Cylinder Assembly 82

D

Decal 91, 106
 Decal for LP/HP Regulator 111, 112
 Diaphragm
 Unloader Valve 81
 Door 53
 Door Assembly 53
 Dowel 41, 42, 43
 Drawbar 8, 17, 21
 Drawbar Assembly 8
 Drive Shaft 38
 Drop Tube 79
 Drop-Tube
 HSRG 65
 SRG 65
 Drum
 Rear Brake 11
 Duct 53, 61

E

Elbow
 Orifice 80, 117
 Push in 117
 SW Nut 117
 Element 49, 69, 95
 Air Filter (Main) 60, 61
 Air Filter (Safety) 60, 61
 Separator 113
 Element with Gaskets 70, 74
 Enclosure 50, 51, 52, 53, 54
 Engine Assembly – Cummins QSL 9 31, 32
 Engine Cummins 300hp
 MHP825
 VHP750 31
 Engine Cummins 342hp
 XP1060
 HP935
 XHP750 31
 Engine Exhaust System 63
 Equalizer 17, 21
 Equalizer Bracket 26
 Expander 12
 Eye
 Lunette 24
 Pintle 8

WORD INDEX

F

Fan 31
 Fan Drive, Cummins 33
 Fastener - 1/4 Turn 91
 Fasteners Index 115, 116
 Ferrule 72
 Filter 95
 Air 60, 61
 Air (Primary) 113
 Air (Safety) 113
 Coolant (Engine) 113
 Fuel 31, 65
 Fuel (Primary) 113
 Oil 31
 Oil (Airend) 113
 Oil (Engine) 113
 Primary 100
 Secondary 100
 Filter Assembly 48, 49, 69
 Fitting
 Barbed 118
 Grease 8, 10, 14
 Flange 44, 62
 Engine 68
 Foam 55, 56, 57, 58, 59
 HSRG 56, 57
 SRG 56, 57
 Foam - High Ambient 59
 Frame 51
 Front Axle Assembly 9
 Front Hub Assembly 9
 Fuel System 65, 66
 Fuel Tank Assembly 65
 Fuse 114

G

Gauge
 Fuel 90
 Oil Level 70, 72, 74
 Pressure 90, 94, 96, 101
 Temperature (Discharge) 90
 Voltmeter 90
 Water Temperature 90
 Gear Case 36, 38
 Gear-Set (Refer to Table) 36, 38, 41, 45
 Glossary of Non-Illustrated Items 114
 Grease Cap 19, 23
 Grease Cap Plug 19, 23
 Ground Point Connection 29
 Guard
 Bottom 36
 Top 36

H

Handle 24
 Parking Brake 14
 Valve 95, 98, 100, 105

Handrail 50
 Hanger
 Center 17, 21
 Front 17, 21
 Rear 17, 21
 Harness 29, 96, 101, 106, 110, 111, 112, 114
 Lights 109
 Heater 76, 84, 88, 103, 111, 112
 High Ambient Muffler 64
 High Speed Running Gear 17, 18, 19, 20, 21, 22, 23,
 24, 25, 26, 27, 28, 29, 30
 Hinge 53, 91, 92
 Hinge Bracket
 HSRG 92
 Holder 12
 Manual 114
 Hook
 Safety 16
 Horton Fan Drive 32
 Hourmeter 90
 Housing 34, 35, 39, 41, 43, 81, 89
 HP
 XP
 MHP
 VHP
 Kit - 2000 Hours 113

HP935
 XP950
 XP1060 76
 HSRG with Hydraulic Brake. 26
 Hub 33, 37, 40
 Hub Assembly 19, 22
 Hydraulic Parking Brake Cable does not 26

I

Indicator 72, 96, 101
 Air Restriction 60, 62
 Instrumentation/Electrical System 90, 91, 92, 93

J

Jack
 Extended Leg Assembly 19, 23

K

Key 35, 36, 38, 39, 41, 43
 Kit
 Minimum Pressure Valve 89
 Water Separator Mounting 100
 Kit - 0-50 Hours 113
 Kit - 1000 Hours 113
 Kit - 500 Hours 113
 Kit - Fixing 95
 Kit - Internal Manuals 114

WORD INDEX

L

Latch	15, 91
HSRG	92
SRG	92
Left	
Front Axle Stub	9
Lever	16, 44, 82
Light	27, 90, 106, 109, 110
Left Hand	27
License Plate	30
Rear	
Left Hand	30
Right Hand	30
Right Hand	27
Side	
Left Hand	
Front	29
Rear	
Left Hand	30
Right Hand	
Front	29
Rear	30
Light Module	90
Link	18, 22
Lock	54
Lock Washer	66
Locknut	
Nylon	114
Lockwasher	114, 115

M

Manifold	49, 96, 101
Manual	
Operation and Maintenance	114
Operation and Maintenance with Parts Catalogue	114
Parts Catalogue	114
Mount	31, 35, 40, 63, 107
Muffler	64

N

Nipple	
Reducer	118
Nut	
Adaptor	16
Cap	118
Gland	72
Wheel	9, 11
Nutsert	64

O

Offset	108
Oil/Air Piping	69, 70, 71, 72, 73, 74, 75
Option-Dual Pressure	111, 112
Option-Flashing Light (Low Fuel Shutdown)	106
Option-IQ	96, 97
Option-IQ Dual Filter	100, 101, 102

Option-IQ PL	95
Option-Oil/Air Piping (Aftercooler)	98, 99, 103, 104, 105
Option-Overspeed Valve	108
Option-Pressure Reducer	94
Option-Service Lights	110
Option-Spark Arrestor	107
Option-Worklights	109
Orifice	34, 78, 80, 84, 97, 99, 103, 104
O-Ring	
IQ Filter	100
IQ Filter Spacer	100

P

Panel	
Baffle Fan	
Orifice	51
Cover	
Left Hand	52
Right Hand	50
HSRG	52, 53, 54
Instrument Box	53
Left Hand	50
Orifice	50
Right Hand	50
Orifice	50
Roof Muffler HA	52
SRG	52, 53, 54
Pickup	
Mag Speed	32
Pin	8, 16, 20, 23, 26, 37, 40
Ball	10
Cotter	9, 11, 16
King	9
Large	15
Locating	34, 36, 39
Small	15
Pin and Chain Assembly	20, 24
Pintle Box Assembly	14
Pintle Eye	20
Pipe	60, 63, 69, 73, 107
Flexible	74
Piston	42, 45, 81, 89
Plate	8, 18, 22, 41, 42, 43, 44, 45
Adaptor	40
Aftercooler	100
Retaining	39, 41, 45
Rotation Stop	8
Valve	95, 98, 100, 105
Pressure Regulator	111, 112
Pulley	32
Pump	42

R

Radiator	67
Radiator & Cooler Assembly	67
Raincap	63, 64, 107

WORD INDEX

Ratchet
 Brake 14
 Rear Axle Assembly 11, 16
 Receptacle
 Fastener 91
 Recommended Parts 113
 Reducer 66, 85, 108, 114, 118
 Regulation System 76, 77, 78, 79, 80, 81, 82, 83, 84,
 85, 86, 87, 88, 89
 Regulator 86
 Regulator 12/235
 VHP750
 MHP825 76
 Regulator 9/230
 9/270
 9/300 76
 require items 13
 14 and 15 26
 Retainer 33, 34, 91
 Right
 Front Axle Stub 9
 Ring
 Retaining 33, 37
 Rod 16, 82
 Track 10
 Rotor Set 35, 41, 43

S

S/N 336845 - 339151 90
 S/N 339152 -> 90
 Scavenge Tube 87
 Screen
 Security 114
 Screw
 Drive to Engine 31
 Fan to Drive 31
 Self Tapping 114
 Seal
 Grease 18, 22
 Shaft 36
 Sight Glass 72
 Sender Unit
 Fuel Gauge
 HSRG 66
 SRG 66
 Sending Unit
 Compressor Discharge 71
 Compressor Temperature Gauge 73
 Engine Coolant 32
 Engine Oil Pressure Gauge 32
 Sensor
 Coolant Level 68
 Temperature 71, 73, 78, 86
 Separator
 Water 95, 98, 100, 103
 Setscrew 46, 114, 115, 116

Shackle
 Front 12
 Rear 13
 Shaft
 Tow Bar 8
 Shim Set 34, 39, 42, 45
 Shoe
 Brake 11
 SHP
 XHP
 Kit - 2000 Hours 113
 Sight-Glass 72
 Silencer 63, 114, 118
 Sleeve 67
 Spacer
 Filter Port 100
 Spindle Nut 19, 23
 Spindle Washer 19, 23
 Spring
 Gas 54
 Leaf 13
 Spring Base
 Lower 13
 Upper 13
 Steerable Running Gear 8, 9, 10, 11, 12, 13, 14, 15,
 16
 Stem
 Valve 10, 13
 Stop
 Bumper 17, 21
 Stud 44, 62, 93
 Wheel 9, 11
 Subframe 17, 21
 Support 24, 33, 60, 61, 91
 Switch 87, 93, 109, 111, 112
 Breakaway 29
 Heater 91
 Light 91
 Oil Pressure 47, 70
 Push after Warm Up 91
 Start 90
 Switch Rocker 110

T

Tachometer Alternator 90
 Tank
 Fuel
 HSRG 65
 SRG 65
 Separator 69, 73
 Tee
 SW Nut Branch 117
 SW Nut Run 117
 Temperature Gauge 32, 71
 Tie 104
 Cable 106, 109, 110, 114
 Tie Rod
 IQ Filter Assembly 100

Track Rod Assembly 10
 Transducer
 Pressure 77, 78, 79, 84
 Tube 20, 23, 24, 28, 63, 64, 68, 107
 Tube (Nylon) 65, 96
 Tube Assembly 35, 37, 46, 47, 48, 49, 69, 70, 73, 75,
 94, 95, 96, 98, 99, 100, 101, 103, 104, 105
 Tube Fitting Index 117, 118
 Tyre 10, 13, 19, 23

Y

Yoke 14, 16
 Y-Strainer 99, 102, 103

U

Undertray
 Front
 HSRG ~~52~~ ****Always use Ingersoll-Rand Replacement parts!****
 Undertray (F) 50
 Undertray (R) 50

V

Valve 44, 60, 61, 75, 81, 95, 98, 100, 105
 Auto Blowdown 88
 Ball 70, 73, 77, 88, 114, 118
 Blowdown 79, 96, 99, 101, 104
 Check 74, 78, 85, 87, 95, 99,
 100, 104
 Minimum Pressure 89
 Pressure Reducer
 94
 Safety 44, 48,
 70, 73, 84
 Solenoid 76,
 79, 83, 86,
 111, 112
 Thermostatic
 69, 73
 Unloader 81
 Valve Assembly 81
 VHP750
 MHP825
 HP935
 XP950
 XP1060 79, 89

W

Washer 8, 10, 12, 13, 14, 15, 16, 17, 20, 21, 26, 31,
 32, 33, 35, 47, 52, 62, 69, 77, 81, 82, 83, 84, 85, 91,
 93, 95, 98, 100, 105, 114, 116
 Hub 9, 11
 Nylon 51, 54, 114
 Snubber 17, 21, 31, 40
 Spring 114, 115
 Wedge 12
 Wedge Controller 91
 Wheel 10, 13, 19, 23
 Wheel & Hub Assembly 18, 22
 Wheel Nut 19, 23
 Wheel Nut Clamp 19, 23
 Wheel Stud 19, 22

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
-	22	22093942	60	22126197	67	22173579	91
--	18	.....	61	22126460	68	22173868	61
.....	29	22094759	66	22126726	31	22177711	31
.....	30	22097448	52	22127492	50	.....	113
.....	36	22099469	92	22130314	86	22177737	31
.....	38	22099477	92	.....	112	.....	113
.....	41	22099584	92	22130322	69	22177745	32
.....	45	22101059	92	22130801	69	.....	113
.....	65	22101067	92	22132898	50	22180491	54
.....	68	22102339	68	22132906	52	22180509	54
.....	74	22103287	53	22133425	50	22180897	50
.....	83	22104756	54	22134118	90	22181069	50
.....	84	22105134	91	22134167	63	22181077	52
.....	85	22105571	90	22134175	63	22182984	75
.....	86	22105613	90	22137939	69	22183990	65
.....	88	22105621	90	.....	73	22184675	17
.....	91	22105639	90	22138259	69	.....	21
15900657	33	22105746	51	.....	73	22184691	54
15900665	33	22110852	55	22138721	69	22184907	53
15902612	33	22110860	55	.....	73	22185037	53
22050553	90	22110878	55	22139752	69	22186233	53
22050991	90	22110886	55	.....	73	22189492	27
22053896	91	22111439	55	22141196	69	22189500	27
22054050	91	.....	59	.....	73	22194161	64
22054076	91	22111447	55	22144505	73	22194567	64
22054084	111	.....	59	22144711	53	22196786	52
.....	112	22111454	55	22146989	56	22205942	52
22054142	91	22111470	55	22147029	56	22207997	27
22054159	91	22111488	55	22147045	58	22208938	53
22055800	91	22111496	55	22147052	58	22213011	32
22055883	90	22113039	31	22147219	56	.....	33
22056105	63	22113047	32	22147227	56	22215057	26
22056188	57	22113880	90	22147425	57	22215545	24
22056212	55	22114218	55	22148357	56	.....	25
22065973	40	22119218	71	22148365	56	22215552	24
22067581	31	22122899	31	22148894	58	.....	25
22068845	100	22122956	54	.....	59	22222459	18
22072151	54	22122972	53	22149199	56	.....	22
22075279	40	22122980	53	.....	59	22222475	18
22075287	40	22122998	54	22149207	56	.....	22
22075295	44	22123004	54	.....	59	22222483	19
.....	62	22123012	53	22149355	56	.....	23
22075592	35	22123020	53	.....	59	22231476	87
22079610	68	22123038	53	22149520	60	22232185	51
22079628	68	22123079	53	22150023	67	22243141	100
22079636	68	22123095	50	22150031	67	22243158	100
22079644	68	22123236	52	22150213	67	22246714	78
22079651	51	22123301	50	22150353	51	.....	85
22079750	52	22123327	53	22153225	58	22246722	69
22080774	68	22123335	54	22153233	58	22254403	106
22080857	68	22123368	53	22155451	66	22255137	106
22081988	50	22123384	53	22155469	65	22256515	10
22082192	63	22123418	50	22162572	96	.....	13
22092670	31	22123491	70	.....	101	22258115	61
22092795	65	.....	74	22163919	17	22258529	61
22093009	73	22124291	75	.....	21	22258545	60

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
22265748	58	22350839	109	22392047	15	22392492	16
.....	59	22350847	110	22392054	15	22392500	16
22265839	57	22351019	109	22392062	15	22392518	16
22265847	57	.....	110	.....	16	22392526	16
22265854	57	22354351	113	22392070	13	22392534	16
22267322	50	22354369	113	22392088	13	22392542	16
22267330	58	22354377	113	22392096	13	22392559	16
.....	59	22354385	113	22392104	13	22392567	16
22277057	90	22354393	113	22392112	12	22392575	11
22279566	65	22362933	40	22392120	9	22392583	12
22280549	52	22362941	40	22392138	9	22392591	12
22281398	50	22391718	14	.....	11	22392609	12
22281406	50	22391726	9	22392146	9	22392617	11
22285795	99	22391734	10	.....	11	22392625	11
.....	104	22391742	11	22392153	9	22392633	11
22290019	100	.....	16	.....	11	22392641	12
22290027	104	22391759	8	22392161	9	22392658	12
22300339	56	22391767	8	.....	11	22392666	12
22300552	56	.....	10	22392179	9	22392674	12
22300594	58	.....	14	.....	11	22392682	12
22300669	57	22391783	8	22392187	9	22407753	8
22306633	29	.....	15	22392195	9	22407761	8
22306674	58	22391791	8	22392203	9	22407779	8
22306690	58	.....	14	.....	11	22407787	8
22319685	19	22391809	8	22392211	9	24906919	107
.....	23	22391817	8	.....	11	30641278	66
22320725	19	22391825	8	22392229	9	30898096	77
.....	23	22391833	8	.....	11	32580510	66
22320865	20	.....	16	22392237	9	33297340	44
.....	24	22391841	8	.....	11	35072222	81
22320873	20	22391858	8	22392245	10	35082114	43
.....	24	.....	10	22392252	9	35092279	48
22321475	63	.....	14	22392260	10	35104082	38
22327266	90	22391866	8	.....	16	35111731	52
22329817	51	22391874	8	22392278	9	.....	68
22329916	108	22391882	8	22392286	9	35119718	77
22330039	19	.....	14	22392294	10	.....	85
.....	23	.....	15	22392302	13	35119858	60
22331326	19	22391890	8	22392310	12	35123496	60
.....	22	.....	15	22392328	13	.....	61
22331763	19	22391908	14	22392336	13	.....	108
.....	23	22391916	15	22392344	12	35127653	52
22332449	19	22391924	15	22392351	13	35144336	116
.....	22	22391932	15	22392369	13	35148204	10
22332605	69	22391940	15	22392377	10	.....	13
.....	73	22391957	15	22392385	10	35161025	108
22333512	108	22391965	15	22392393	10	35166404	84
22333520	108	22391973	14	22392401	10	35209048	52
22333538	108	22391981	14	22392419	10	35221639	70
22334635	107	22391999	14	22392427	10	.....	96
22334650	107	22392005	14	22392435	12	.....	101
22339683	111	22392013	14	22392443	16	35222017	68
.....	112	22392021	14	22392450	16	35225093	96
22343545	10	.....	16	22392468	16	.....	101
.....	13	22392039	14	22392476	16	35248145	78
22349914	26	.....	16	22392484	16	.....	85

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
35248319	99	35283050	78	35290147	76	35316884	18
.....	104	.....	80	.....	77	.....	22
35253038	46	.....	83	.....	86	35317700	82
35255819	37	35283068	48	.....	87	35318146	38
35258789	93	.....	85	35294156	46	35318161	89
35262963	37	.....	112	35294487	78	35321983	78
35271139	39	.....	117	.....	85	.....	80
35271154	45	35283076	117	35294677	47	35322346	78
35271170	60	35283081	99	35294719	86	.....	80
.....	62	35283084	111	35294727	46	.....	84
35271188	42	.....	117	35294735	46	35322379	79
35272533	39	35283092	77	.....	48	.....	96
.....	42	.....	79	35295336	34	.....	99
35272541	39	.....	88	35295344	43	.....	101
.....	115	.....	112	35296227	118	.....	104
35272558	20	.....	117	35296409	71	35323591	102
.....	24	35283241	77	35297340	17	35323724	79
.....	52	.....	88	.....	21	.....	85
35272588	51	35283282	78	35299361	34	.....	96
35272996	17	.....	87	35300193	41	.....	101
.....	21	.....	88	.....	43	.....	112
35273366	91	.....	111	.....	45	35324839	77
35273408	41	35283464	101	35300201	41	.....	88
35273416	115	35283472	78	35301225	102	35324987	97
35273937	35	.....	102	.....	105	.....	102
.....	40	.....	105	.....	117	35325133	84
35277797	49	.....	117	35302314	47	35326958	17
35279025	25	35283480	96	.....	80	.....	21
.....	32	.....	101	35304047	17	35326966	17
.....	60	35283498	101	.....	21	.....	21
.....	62	.....	105	.....	32	35327204	81
.....	63	35283506	66	35306091	77	35327840	24
.....	64	35284082	76	.....	85	35328210	81
.....	71	.....	78	.....	87	35328228	81
.....	74	.....	79	35306638	49	35328236	81
.....	107	.....	80	35306687	101	35328244	81
35279827	49	.....	84	35307131	63	35328251	81
.....	77	.....	97	.....	107	35328269	81
.....	80	.....	99	35309715	48	35330570	68
.....	111	.....	102	35310960	102	35331578	81
.....	117	.....	104	35311026	79	35331586	81
35279850	117	.....	111	35311463	41	35331883	44
35279934	97	.....	112	.....	42	35332683	81
.....	99	35284504	84	.....	43	35332691	81
.....	117	35285162	106	.....	45	35335124	100
35279942	71	35285626	44	35311471	96	.....	103
.....	74	35287556	48	.....	101	35335715	96
.....	89	.....	49	35313303	64	35336122	39
35281336	60	35287721	46	35313568	36	.....	41
35282920	78	35287895	46	35314582	91	.....	43
.....	85	.....	49	35315217	19	35336130	41
35282946	76	35287911	46	.....	23	.....	43
35282979	77	35288034	102	35315944	29	35336419	28
35282987	96	35288166	47	35316348	65	35337583	39
35282995	66	35288422	24	35316876	18	35355502	44
		.....	25	.....	22	35355767	45

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
35355775	39	35368927	76	35610385	18	36787034	63
35355783	43	.....	80	.....	21	.....	107
35355791	41	35369180	91	35856350	42	36798205	49
35355809	38	35369347	65	35856418	45	36798346	36
35355817	41	35369370	97	35856467	38	36798361	36
.....	43	35369438	42	35857036	63	36840460	76
35355825	45	35369800	18	.....	64	.....	80
35355833	45	.....	22	35859396	24	36840841	76
35355841	45	35370063	49	35859404	25	.....	79
35355858	45	35371996	39	35861137	47	.....	111
35355866	41	35372002	38	35863885	46	.....	112
35355874	42	35372010	39	35864644	42	36840908	91
35355916	42	35372028	39	36005031	35	36841138	32
35355924	42	35374453	24	36006732	41	.....	71
35355940	42	35375385	70	36385392	18	.....	73
35355957	42	.....	89	36500197	31	36841153	90
35355965	41	35376094	20	36500734	42	36841468	90
35355973	41	35379387	19	36501013	45	36841526	84
35355999	41	.....	23	36504116	38	.....	103
35356039	43	35379395	19	36506756	48	36842300	86
35356302	28	.....	23	36507515	36	36842318	83
35356310	28	35385277	19	36722452	81	36843720	74
35356328	28	.....	23	36722460	81	36844124	91
35356336	28	35385293	19	36734424	20	36844579	99
35356369	28	.....	23	36737161	39	.....	102
35356484	65	35536304	116	36738128	41	.....	103
35356526	20	35579630	70	36738797	43	36844975	93
.....	24	.....	74	36742880	24	36845014	65
35356914	19	.....	89	36743722	47	36845022	65
.....	23	35591163	81	36743797	46	36845030	44
35356922	18	35591189	81	36743805	48	36845048	44
.....	22	35592534	81	36743870	47	36846400	37
35356930	17	35593508	36	36743896	46	36846418	36
.....	21	35600014	41	36743904	49	36846426	36
35357151	26	35600022	41	36743912	48	36846442	36
35358274	35	.....	43	36743920	48	36846517	48
35358829	25	35600030	43	36743961	49	36846707	48
35361286	38	35600105	45	36745669	47	36847838	60
35361310	35	35600113	42	36745792	48	.....	62
35361328	36	35602457	45	36746626	46	36847853	104
35364975	36	35602473	70	36748093	48	36850584	46
35364991	46	.....	73	36748101	49	36850691	78
.....	47	35602846	26	36750909	38	.....	85
35366251	43	35602895	25	36756120	49	36851459	36
35366657	42	35602903	25	.....	69	36851618	36
35367044	30	35603349	91	36757581	47	36852499	77
35367051	29	35604115	90	.....	70	.....	88
35367846	76	35605187	20	36758357	47	36852622	90
.....	77	35605203	45	36759447	49	36854149	76
.....	88	35606490	48	36763704	45	.....	111
.....	97	35609098	49	36764785	37	36854677	76
.....	99	35609544	20	36782837	27	.....	88
.....	102	.....	24	36785319	32	.....	111
.....	104	35610153	39	36787026	63	.....	112
.....	111	35610195	38	.....	107	36854925	36
.....	112	35610203	38			36855377	22

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
36855385	22	36889608	50	36899615	96	54571443	52
36860336	49	.....	52	.....	101	54571450	100
.....	69	.....	60	36899979	71	54571765	89
.....	113	.....	62	36920825	78	54575972	94
36865772	38	.....	63	.....	79	54575980	95
36865962	18	.....	82	.....	84	.....	98
.....	22	.....	83	37001252	28	.....	103
36867281	28	.....	97	37081528	99	54576004	100
36870053	20	.....	100	.....	103	54576012	95
.....	23	.....	102	39101449	39	.....	99
36870087	20	.....	105	39125000	42	54576020	100
.....	24	.....	107	39136346	116	.....	105
36870095	20	36890650	69	39137526	118	54576038	70
.....	23	36891497	75	39137534	117	.....	73
36870103	20	36891794	22	39145008	116	54576079	95
.....	23	36891869	71	39155239	115	.....	98
36870111	19	36893634	29	39253984	35	.....	100
.....	23	.....	30	39253992	37	.....	105
36870129	19	36893824	69	39322706	37	54578711	96
.....	20	.....	73	39326483	37	.....	101
.....	23	36894673	28	39326749	37	54578869	96
36870145	20	36894699	28	39326756	35	.....	99
.....	24	36895225	17	39326780	34	.....	101
36870590	90	.....	21	39326798	34	.....	104
36870608	32	36895241	18	39326806	34	54579172	118
36877793	17	36895258	18	39330626	34	54579404	96
.....	21	36895746	64	39436977	34	.....	101
.....	27	36895779	18	39437686	34	54591961	95
.....	68	36895787	18	39483888	118	.....	98
.....	74	36895795	19	39487830	71	.....	100
.....	75	36895803	22	.....	74	.....	105
36879195	82	36895811	22	39889720	35	54592001	95
36879203	17	36895829	22	39890553	34	.....	98
.....	21	36895837	22	39891486	34	.....	100
.....	32	36895860	27	39911284	35	.....	105
36879302	17	.....	30	39911292	37	54592167	97
.....	21	36896892	76	39925367	35	.....	102
36879492	27	36896975	93	42437525	34	54592176	118
36880995	24	36897668	60	46355602	98	54598784	97
.....	25	.....	61	.....	103	54635586	95
.....	31	.....	108	50763325	116	.....	99
.....	33	36897851	18	54375845	57	.....	100
.....	37	36897885	18	54378526	70	.....	104
.....	40	36898096	85	54378534	71	54635594	117
36881290	28	.....	86	54398250	118	54635602	95
36881886	50	.....	97	54400031	37	.....	100
.....	60	.....	102	54400049	37	54635610	95
.....	62	36898104	77	54401583	98	.....	98
.....	63	.....	86	54422522	67	54636733	118
.....	82	36898922	71	54429295	31	54640255	96
.....	83	.....	73	54443213	54	.....	101
.....	100	.....	78	54444427	67	54657408	51
.....	105	.....	86	54496773	77	54658323	93
.....	107	36899599	96	54511282	93	54658331	93
36888055	66	.....	101	54518667	75	54671557	27
				54566781	51	.....	30

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
54691557	30	89286157	57	89799840	51	92118462	83
54709928	69	.....	59	.....	54	.....	117
.....	73	89286165	57	90103185	116	92123215	117
54709944	95	89286306	57	90103854	115	92173780	117
.....	98	89286785	89	91112201	95	92176114	116
.....	100	89287346	65	.....	98	92178524	118
.....	103	89287684	53	.....	103	92179043	116
54718432	87	89287692	53	91198671	95	92182138	115
54719141	17	89287957	50	92031657	75	92184811	116
.....	21	89288005	60	92032648	89	92253194	75
54731617	100	89288492	66	92041441	37	92253889	117
54731625	100	89288757	54	.....	40	92255934	118
54738992	100	89288971	60	92041458	37	92257351	118
54739008	100	.....	61	.....	40	92257401	81
54739057	95	.....	113	92041466	37	92272368	46
54739065	95	89288989	60	.....	40	92272756	66
54765946	87	.....	61	92042241	51	.....	116
54766704	90	.....	113	.....	54	92274828	115
54773791	111	89289185	79	92042936	62	92276096	63
.....	112	89289383	62	.....	77	.....	107
55571450	96	89291900	118	.....	80	92280940	116
56797652	50	89292411	97	.....	87	92280965	115
85507911	27	.....	98	.....	88	92280973	116
88100284	117	.....	118	.....	117	92293661	72
88114640	118	89297600	51	92043116	75	.....	117
88114954	93	89297618	51	92044098	89	92294461	118
88120100	115	.....	54	92061324	115	92304369	116
88125414	118	89297634	61	92061332	115	92304393	45
88152392	92	89297642	75	92061480	116	.....	116
88153721	117	89298145	118	92061498	116	92304401	116
89201768	44	89298335	79	92061944	89	92304427	116
.....	83	89298855	107	92079474	62	92304435	38
89201966	82	89298889	107	.....	83	.....	116
89202022	74	89299242	107	92079479	88	92304443	116
.....	113	89299382	106	92079532	117	92304492	83
89202188	83	89299424	70	92080811	80	92304518	115
89209717	35	.....	73	.....	117	92304526	115
89232086	68	89299440	62	92086149	117	92304559	51
89244008	117	.....	108	92087840	117	.....	54
89249072	82	89299861	67	92094994	72	92304575	115
89252118	82	89299879	67	92095363	70	92304583	83
89252126	44	89299945	51	.....	72	.....	116
.....	82	89303127	91	92095371	72	92304609	116
89252837	118	89303135	91	92095389	72	92304617	47
89252845	118	89303143	109	92095397	72	92304625	116
89285161	113	89303226	110	92095405	72	92304666	115
89285761	70	89303275	110	92095413	72	92304674	115
89285803	70	89304059	73	92095421	72	92304682	115
89285829	60	89304067	70	92095439	72	92311695	115
.....	61	89304224	54	92095447	72	92311703	115
89285837	60	89304844	60	92096031	66	92329341	116
.....	61	.....	61	.....	115	92339688	116
.....	62	89304851	60	92098235	117	92340058	83
89286041	57	.....	61	92101054	87	92340439	116
89286058	57	89393150	109	.....	118	92341239	116
89286090	58	.....		92101112	116	92341973	116

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
92341981	93	92892967	74	95223178	43	95934998	26
.....	116	92892975	89	95239927	36	.....	62
92344423	117	92893221	74	95242442	83	95935003	17
92354380	118	92894518	35	95245353	102	.....	21
92359363	116	.....	40	.....	103	.....	32
92359371	115	92895267	73	95251138	116	95935011	17
92368687	115	92895317	74	95263190	81	.....	21
92391358	115	.....	117	95293320	48	95935029	77
92391374	115	92896158	116	95310116	117	.....	82
92391382	52	92898576	70	95333274	66	.....	84
92394261	117	.....	74	95357943	49	.....	85
92394279	62	92902733	97	95358164	36	95935037	31
92394295	117	.....	117	95365078	79	.....	33
92394352	118	92905207	117	.....	97	.....	82
92395508	117	92912021	82	.....	99	.....	91
92398106	92	92912419	53	.....	102	95935052	20
.....	115	92922856	54	.....	104	95935599	97
92398114	115	92922863	54	95371241	71	95938114	87
92398122	116	92951075	89	.....	117	95938197	71
92398130	116	92955244	88	95415667	77	95938205	35
92398627	116	.....	118	.....	86	95938213	34
92415363	87	92956093	86	95431292	47	95939741	69
.....	117	.....	112	.....	71	95940748	78
92419563	75	92956945	94	.....	74	.....	79
.....	117	92956952	94	95470993	115	.....	86
92419886	115	92957091	94	95588505	84	.....	98
92420058	117	92963529	76	95659280	76	.....	102
.....	118	92971803	87	.....	86	.....	103
92421353	44	.....	117	95667341	80	.....	111
92421411	115	92971811	88	.....	111	.....	112
92434315	106	.....	118	.....	112	95944575	78
.....	109	92972140	115	95757183	76	.....	80
92451962	95	92972157	116	.....	87	.....	98
92452192	95	92984657	75	95765806	81	95944690	84
92478387	86	.....	117	95772562	102	95949491	66
.....	117	93152593	117	.....	103	95953493	97
92484880	115	93166593	118	95792321	115	95953899	76
92495597	35	93186278	97	95823688	89	.....	85
.....	115	.....	102	95923298	84	95954293	78
92513183	118	93500726	115	95928255	63	.....	80
92697333	81	93524007	106	.....	107	95978235	117
92700590	115	.....	109	95928321	95	96700919	17
92707801	39	.....	110	.....	98	.....	21
92756832	104	95000410	42	.....	100	.....	44
.....	117	95022372	38	.....	105	96701461	82
92764372	44	95022380	70	95928867	26	96701750	20
92776749	93	95023388	34	95930301	47	96701958	65
92788918	117	95026290	42	.....	78	96702055	95
92799378	110	95038048	47	.....	80	.....	98
92808591	108	95055349	115	.....	84	.....	100
92821677	115	95069522	42	95934170	24	.....	105
92864115	95	95209367	115	95934543	71	96702295	31
.....	98	95214524	44	.....	74	.....	33
92879261	115	.....	81	95934774	97	96705983	115
92892934	73	95214938	116	.....	102	96706254	115
92892959	88	95215000	116			96706262	115

NUMERICAL INDEX

COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE	COMM.NO.	PAGE
96708337	116						
96712179	115						
96712187	32						
96716105	115						
96719265	82						
96735543	24						
	25						
	62						
96735550	82						
96739958	31						
96745807	92						
96790717	44						
N.S.S	29						
	31						
	100						

