



Doosan Infracore
Portable Power



PARTS MANUAL

MHP825 - W - CU

Code: C

HP915 , XP1000 - W - CU

Code: B

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Parts Ordering



GENERAL

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

NOTICE

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

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

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

Description

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

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

Fasteners

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

How to Order

Always specify the model and serial number of the unit.

Specify the part number and description.

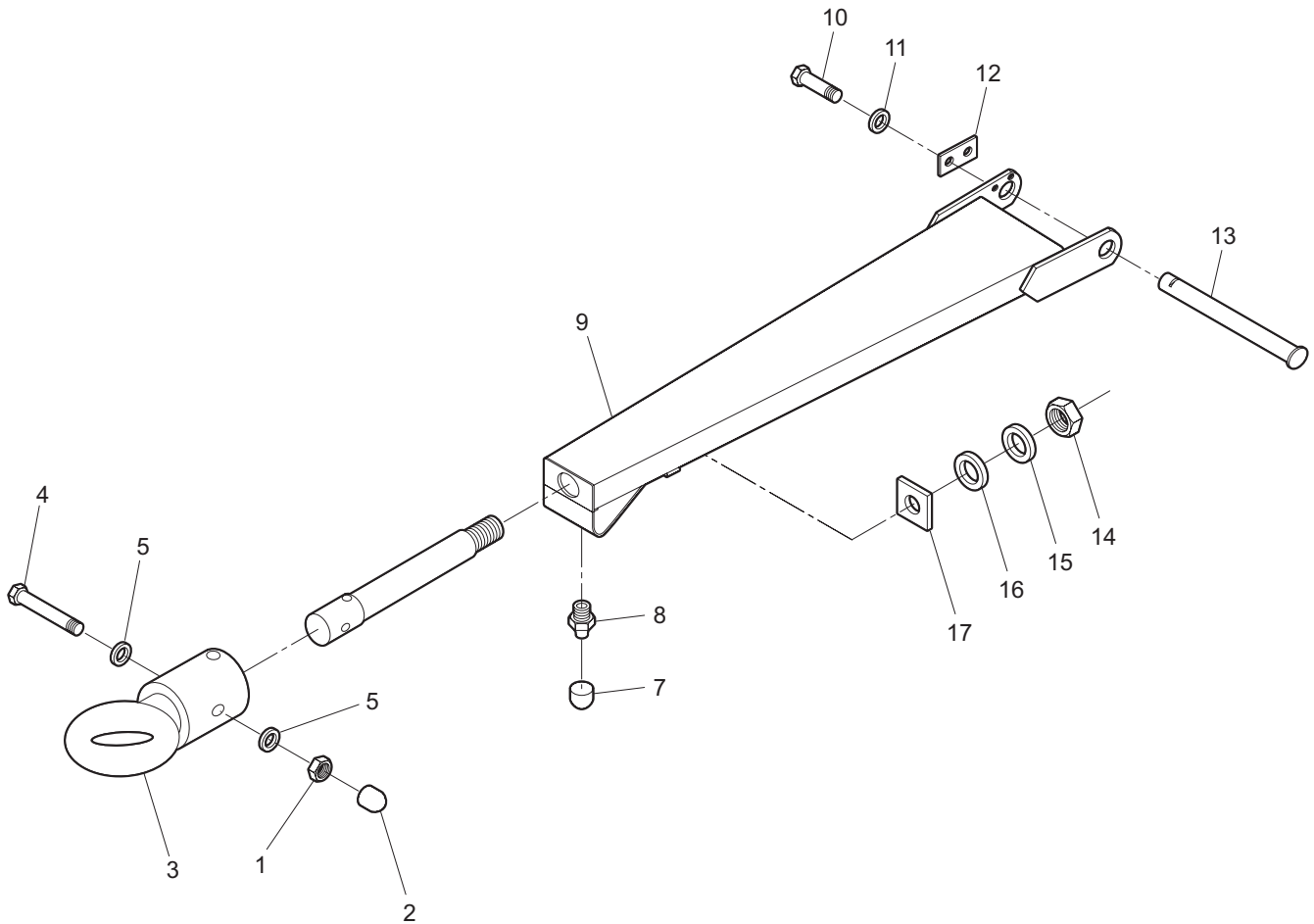
Abbreviations & Symbols

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

Parts List

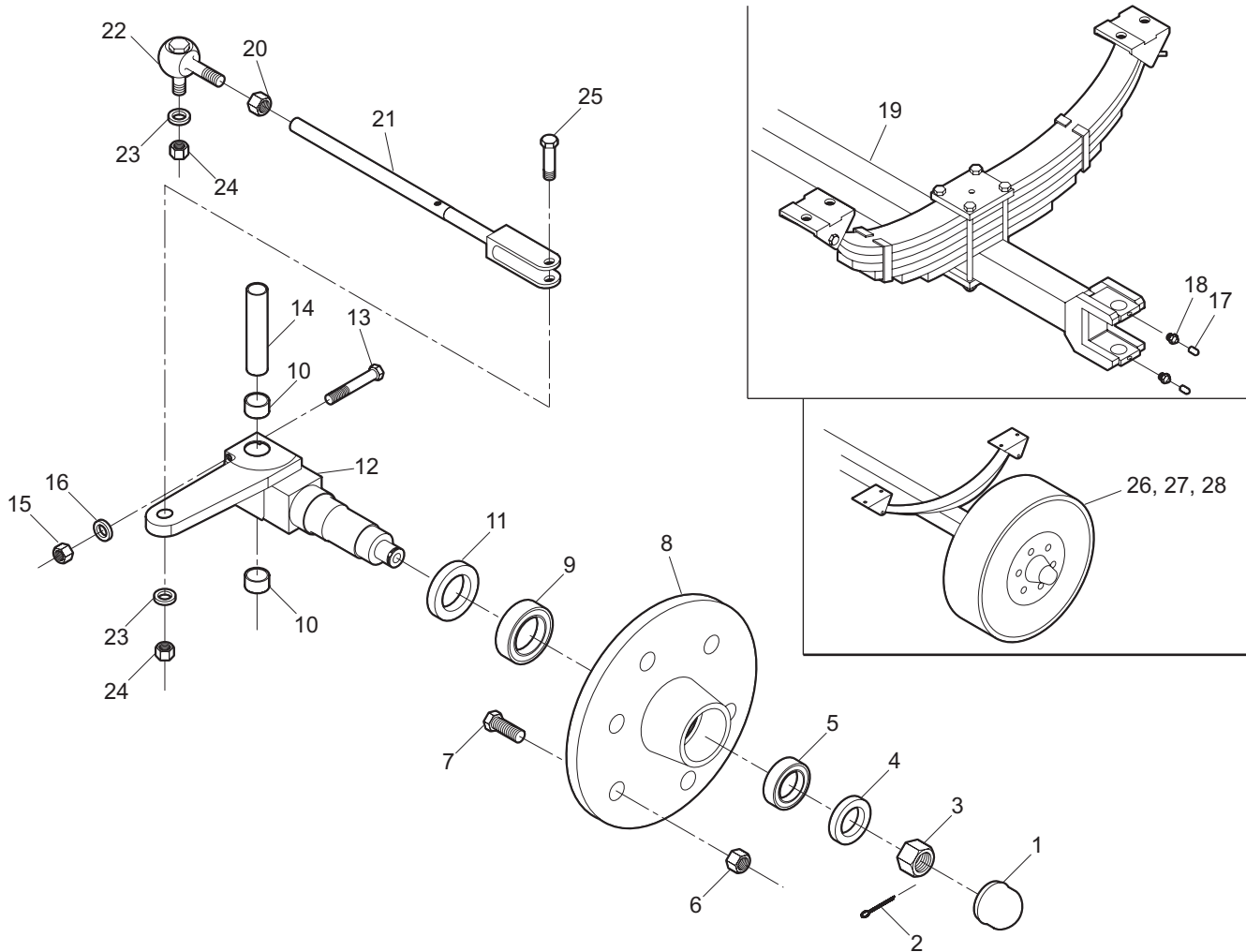


Steerable Running Gear



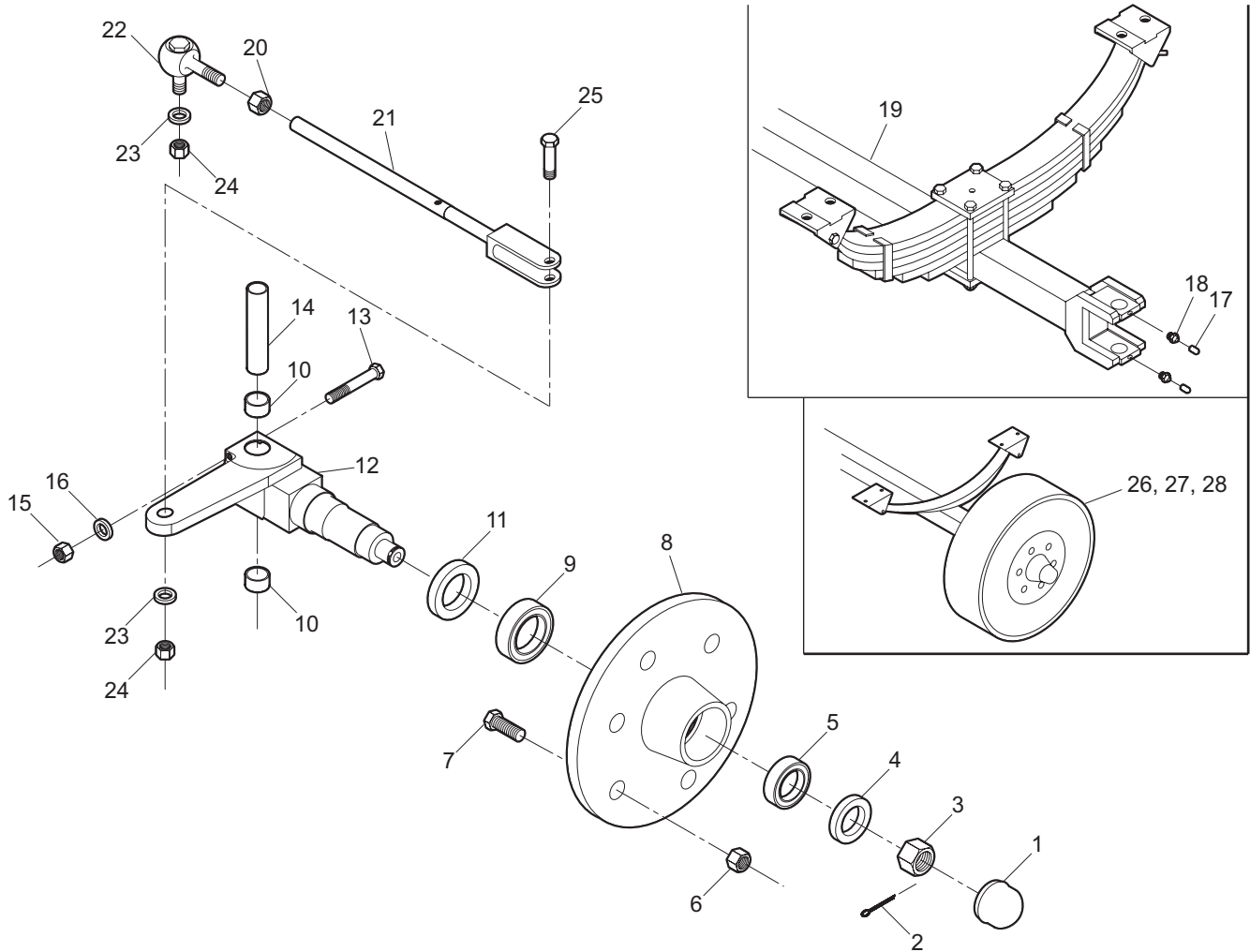
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-17	22407753	Drawbar Assembly	1	
1	22391833	Locknut	2	
2	22391841	Cap	2	
3	22391809	Eye, Pintle	1	
4	22391817	Screw	2	
5	22391825	Washer	4	
6	22407761	Shaft, Tow Bar	1	
7	22391858	Cap, Grease Fitting	2	
8	22391767	Fitting, Grease	2	
9	22391759	Drawbar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

Steerable Running Gear (Front Axle)



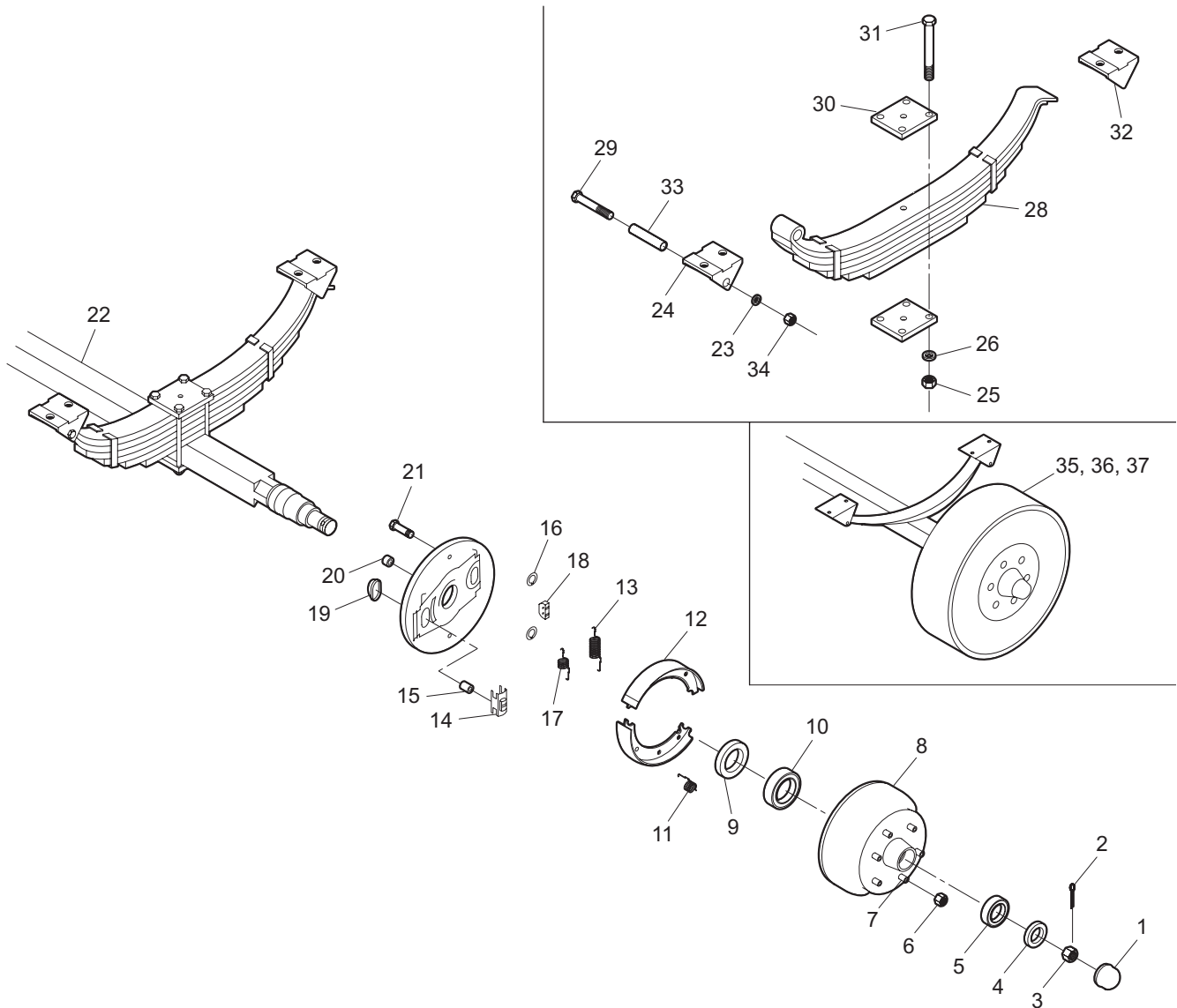
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-19	22391726	Front Axle Assembly	1	
1	22392153	Cover, Hub	2	
2	22392237	Pin, Cotter	2	
3	22392146	Nut	2	
4	22392229	Washer, Hub	2	
5	22392138	Bearing, Outer	2	
6	22392211	Nut, Wheel	10	
7	22392203	Stud, Wheel	10	
8	22392120	Front Hub Assembly	2	
9	22392161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

Steerable Running Gear (Front Axle)



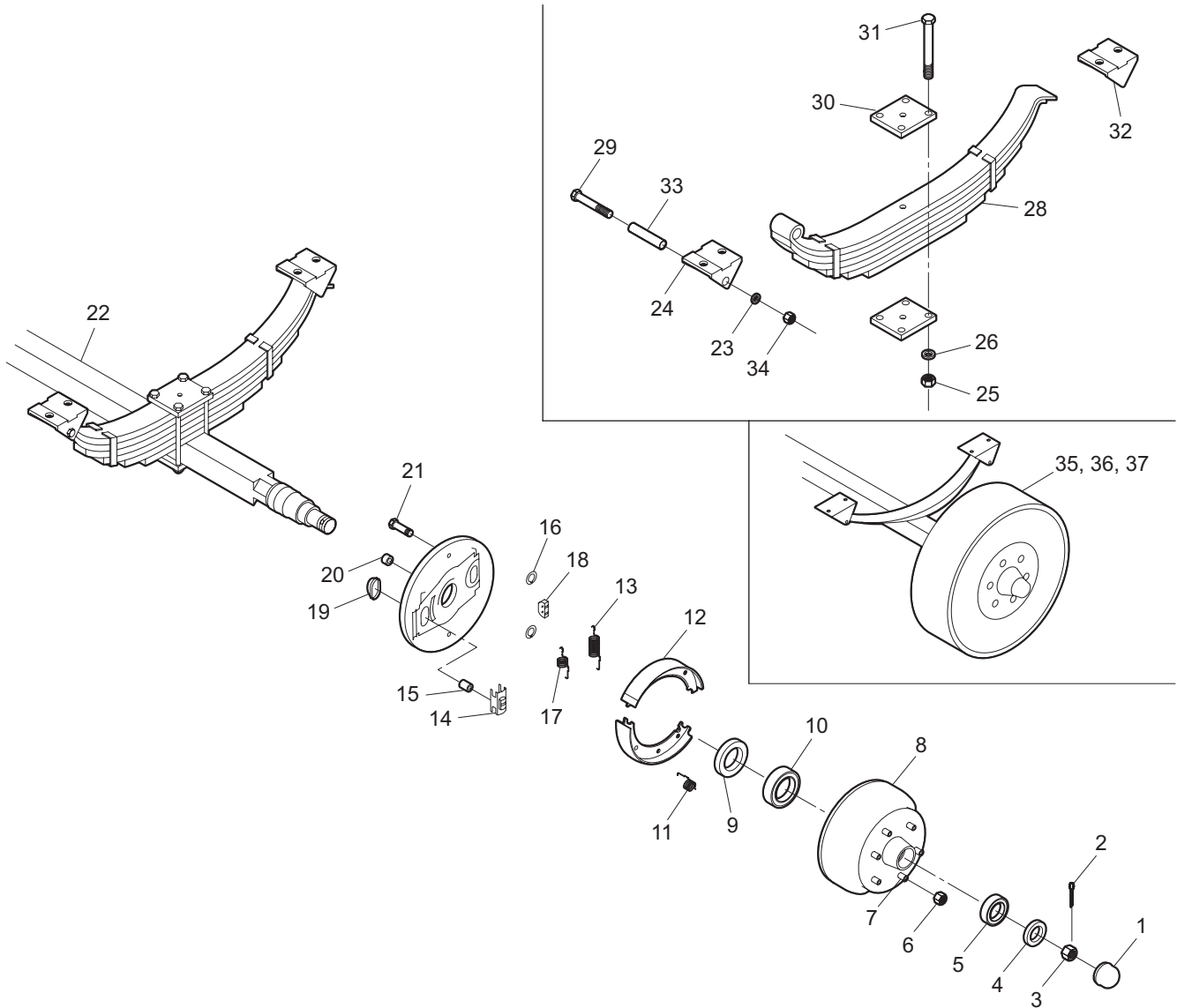
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	22392260	Locknut	2	 <i>Continued</i>
16	22392245	Washer	2	
17	22391858	Cap, Grease Fitting	4	
18	22391767	Fitting, Grease	4	
19	22392294	Beam	1	
20-22	22391734	Track Rod Assembly	1	
20	22392385	Nut	2	
21	22392393	Rod, Track	2	
22	22392377	Pin, Ball	2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

Steerable Running Gear (Rear Axle)



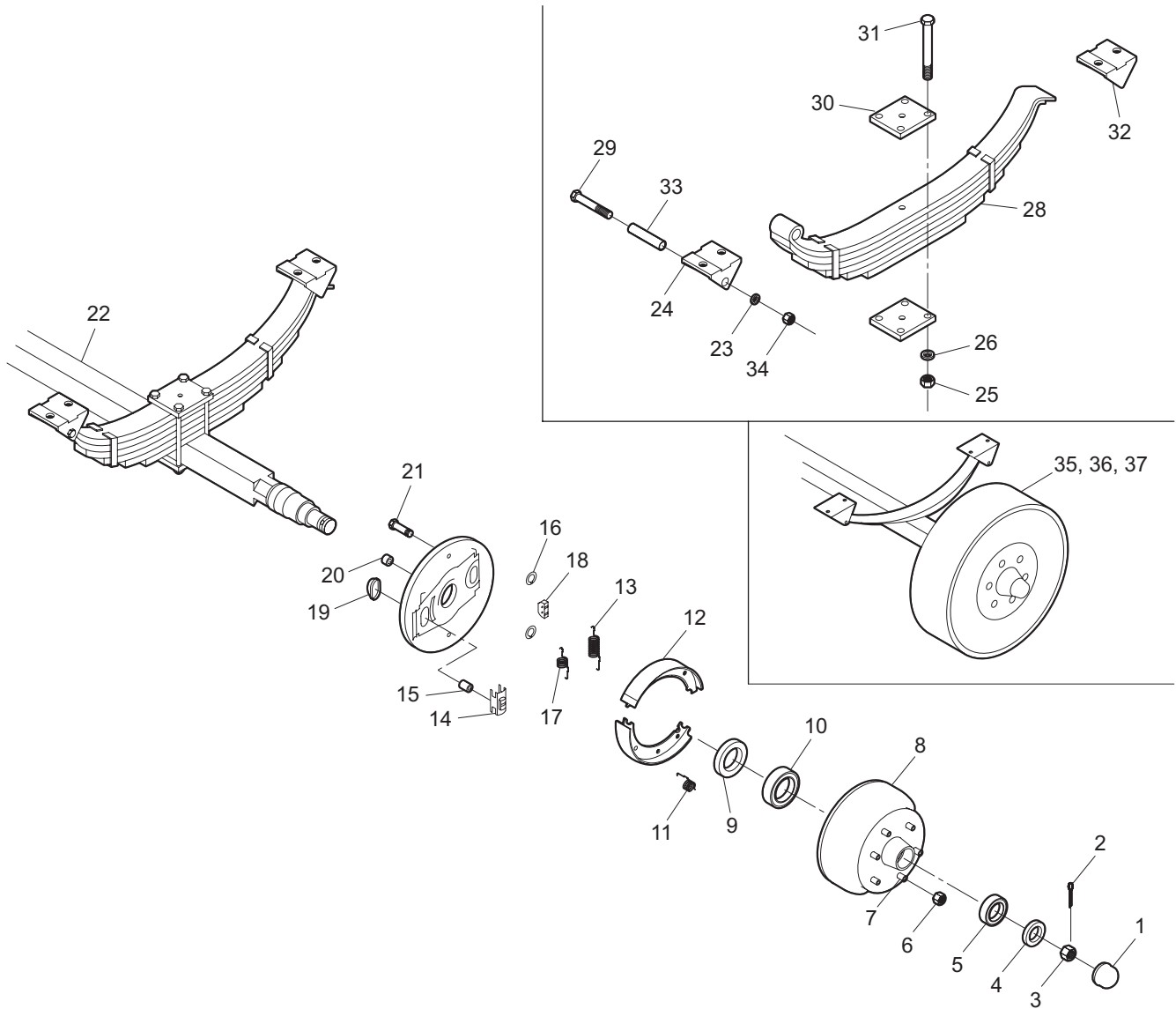
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	22391742	Rear Axle Assembly	1	
1	22392153	Cover, Hub	2	
2	22392237	Pin, Cotter	2	
3	22392146	Nut	2	
4	22392229	Washer, Hub	2	
5	22392138	Bearing, Outer	2	
6	22392211	Nut, Wheel	10	
7	22392203	Stud, Wheel	10	
8	22392575	Drum, Rear Brake	2	
9	22392179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

Steerable Running Gear (Rear Axle)



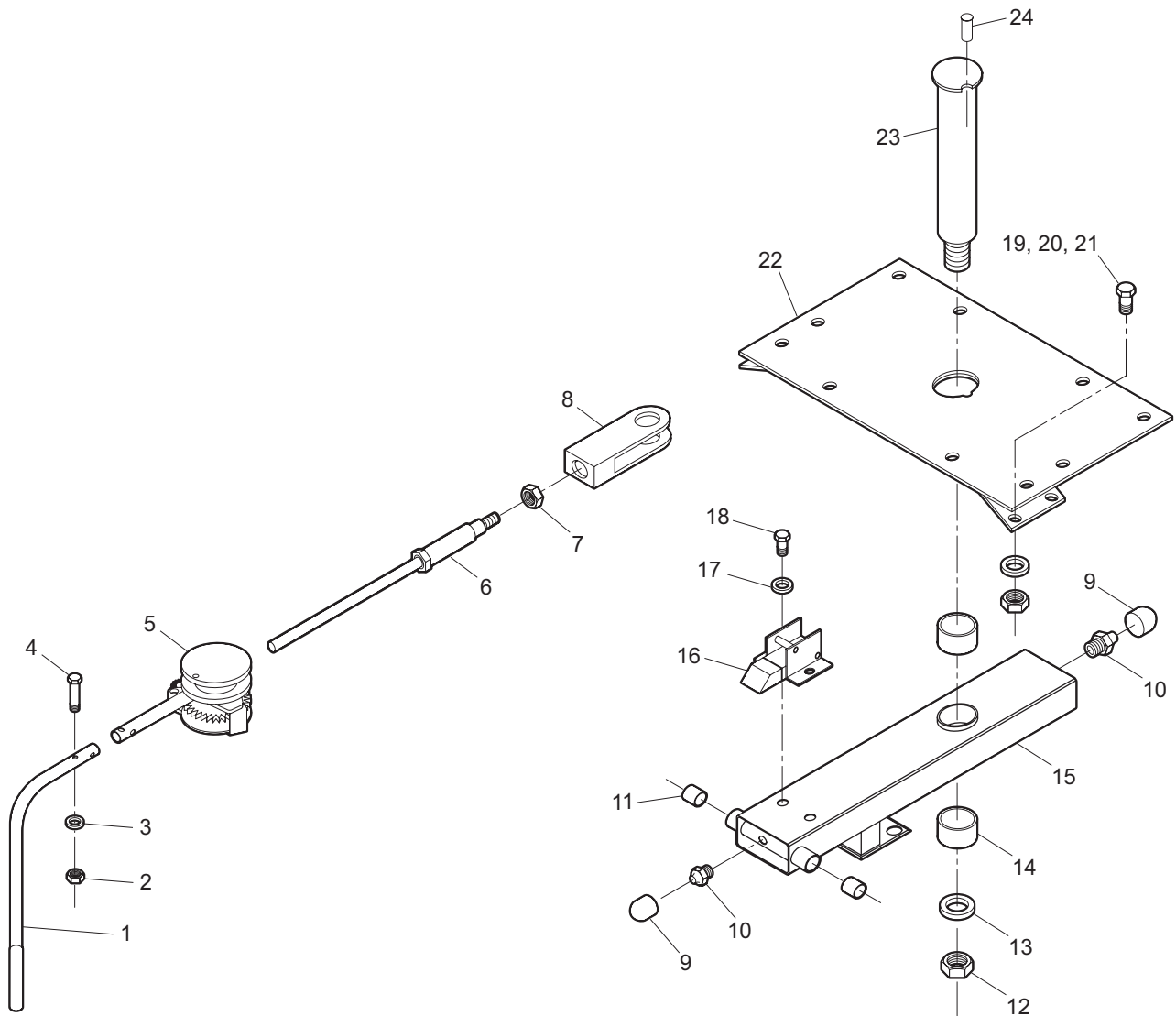
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22392658	Expander	2	Continued
15	22392641	Holder	2	
16	22392591	Wedge	4	
17	22392666	Spring	2	
18	22392609	Wedge	2	
19	22392674	Cover	2	
20	22392682	Plug	4	
21	22392583	Screw	2	
22	22392435	Beam, Rear Axle	1	
23	22392344	Washer	4	
24	22392310	Shackle,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

Steerable Running Gear (Rear Axle)



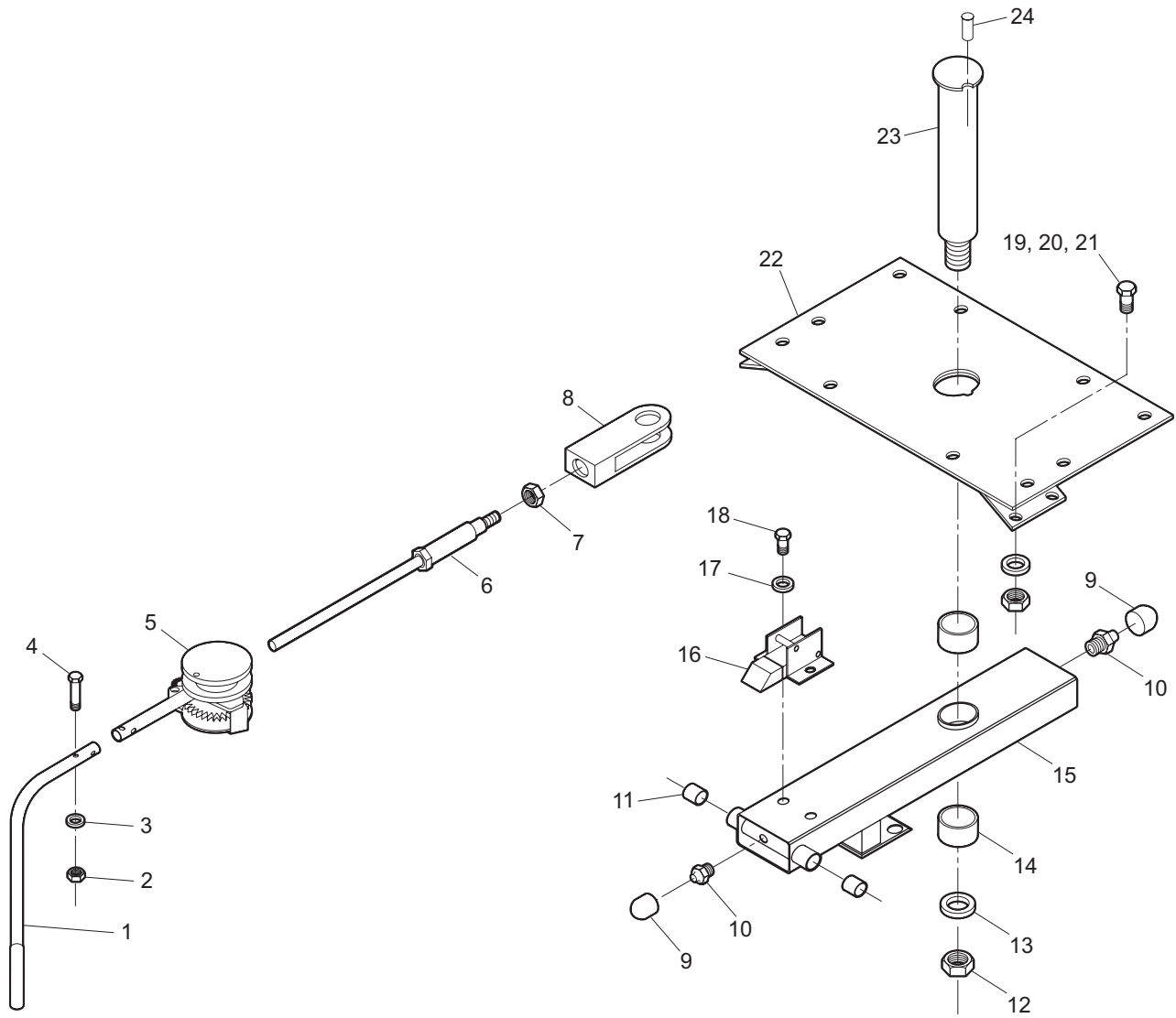
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
26	22392104	Washer	16	Continued
27	22392088	Spring Base, Lower	4	
28	22392302	Spring, Leaf	4	
29	22392336	Screw	4	
30	22392070	Spring Base, Upper	4	
31	22392096	Screw	16	
32	22392328	Shackle, Rear	4	
33	22392369	Bushing	4	
34	22392351	Locknut	4	
35	22256515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

Steerable Running Gear (Parking Brake)



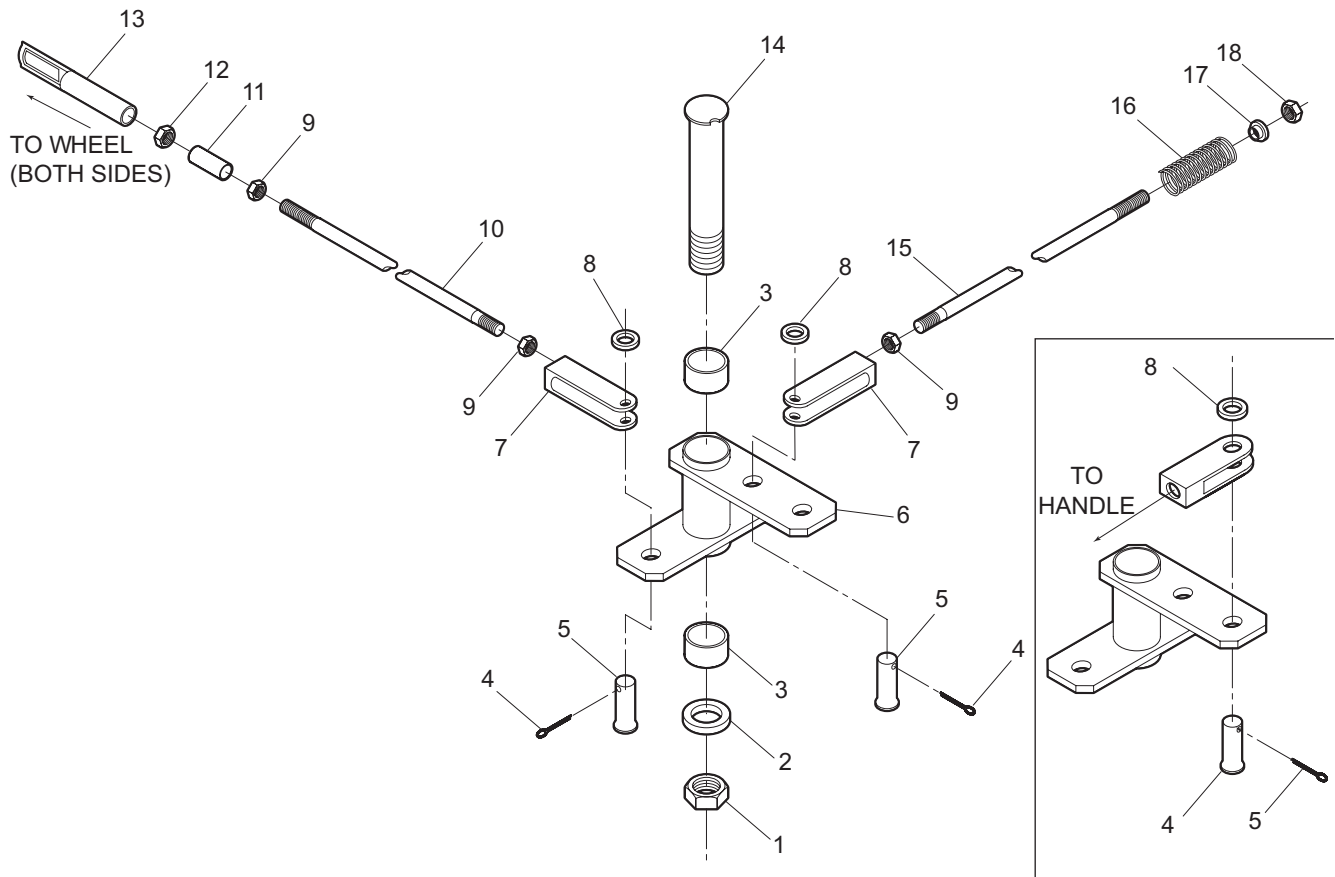
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-24	22391718	Pintle Box Assembly	1	
1	22391981	Handle, Parking Brake	1	
2	22392013	Nut	2	
3	22391882	Washer	2	
4	22392005	Screw	2	
5	22391973	Ratchet, Brake	1	
6	22391999	Cable, Brake	1	
7	22392021	Nut	1	
8	22392039	Yoke	1	
9	22391858	Cap, Grease Fitting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

Steerable Running Gear (Parking Brake)



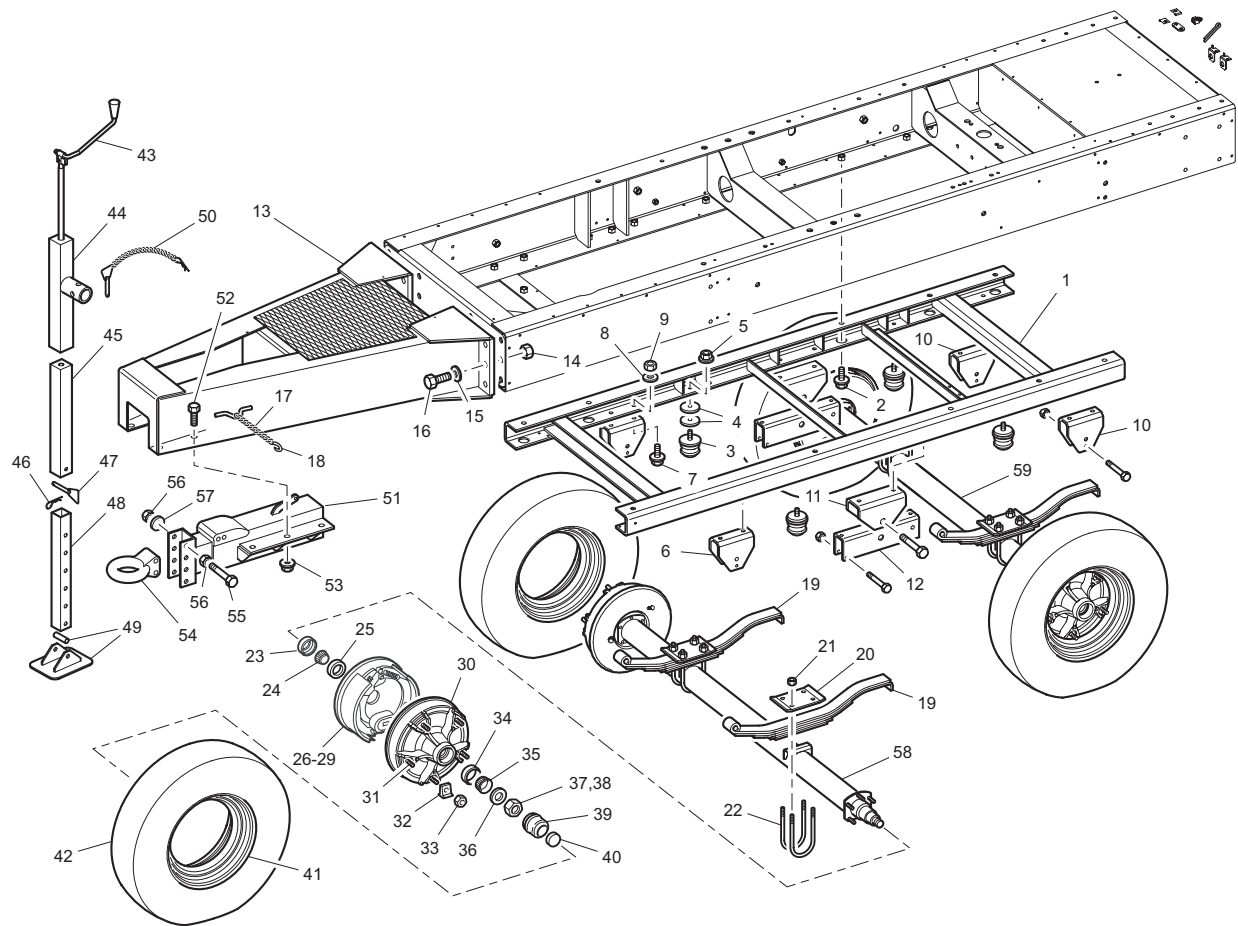
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22391783	Washer	1	Continued
14	22391916	Bearing, Bronze	1	
15	22391932	Body	1	
16	22391940	Latch	1	
17	22391882	Washer	2	
18	22391890	Screw	2	
19	22392054	Screw	3	
20	22392047	Washer	3	
21	22392062	Nut	3	
22	22391965	Box, Pintle	1	
23	22391957	Pin, Large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

Steerable Running Gear (Parking Brake)



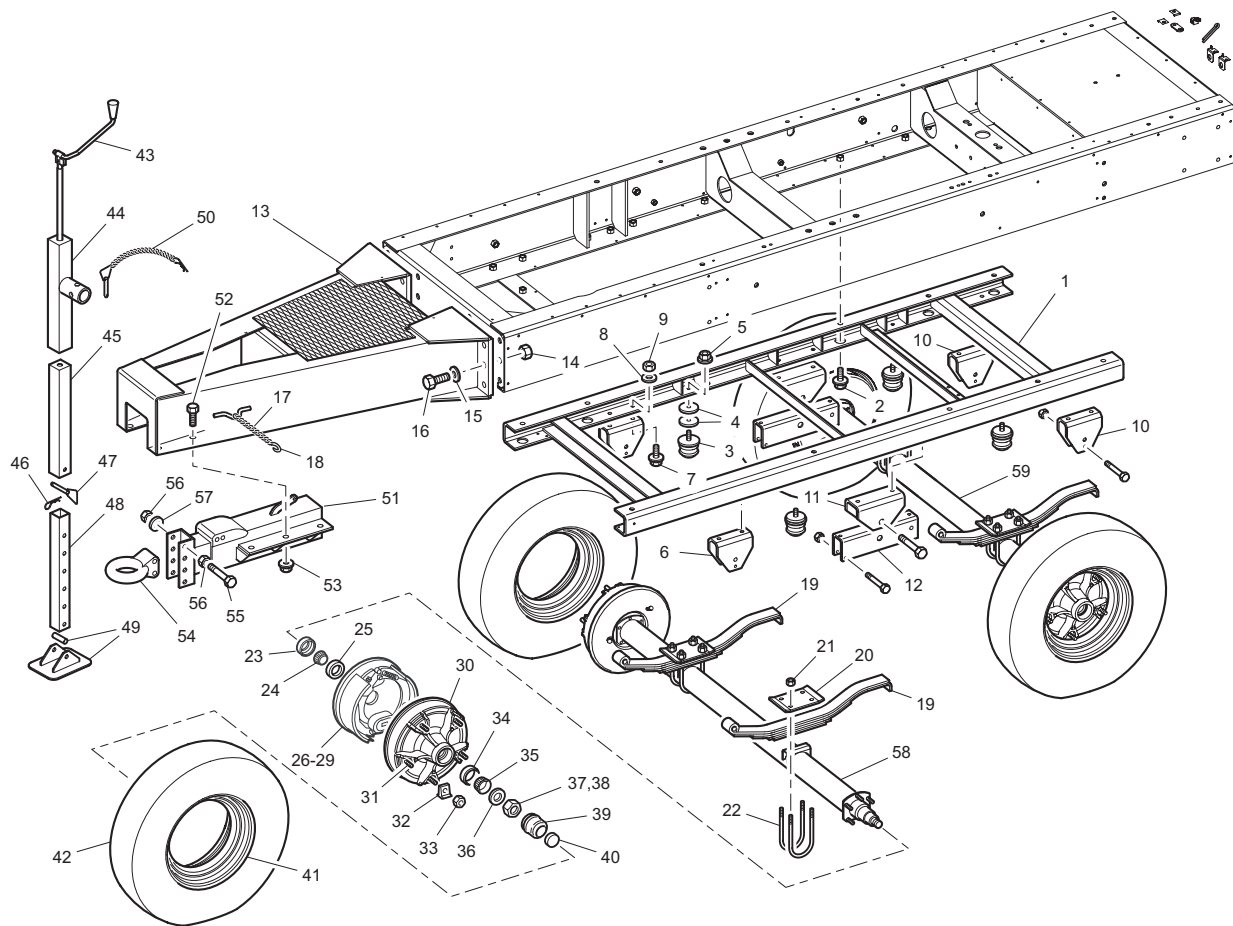
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-18	22391742	Rear Axle Assembly	1	
1	22391833	Locknut	1	
2	22392443	Washer	1	
3	22392500	Bearing	2	
4	22392476	Pin	3	
5	22392468	Pin, Cotter	3	
6	22392492	Lever	1	
7	22392039	Yoke	3	
8	22392450	Washer	3	
9	22392021	Nut	6	
10	22392534	Rod	2	
11	22392526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

High Speed Running Gear (Hydraulic Brake)



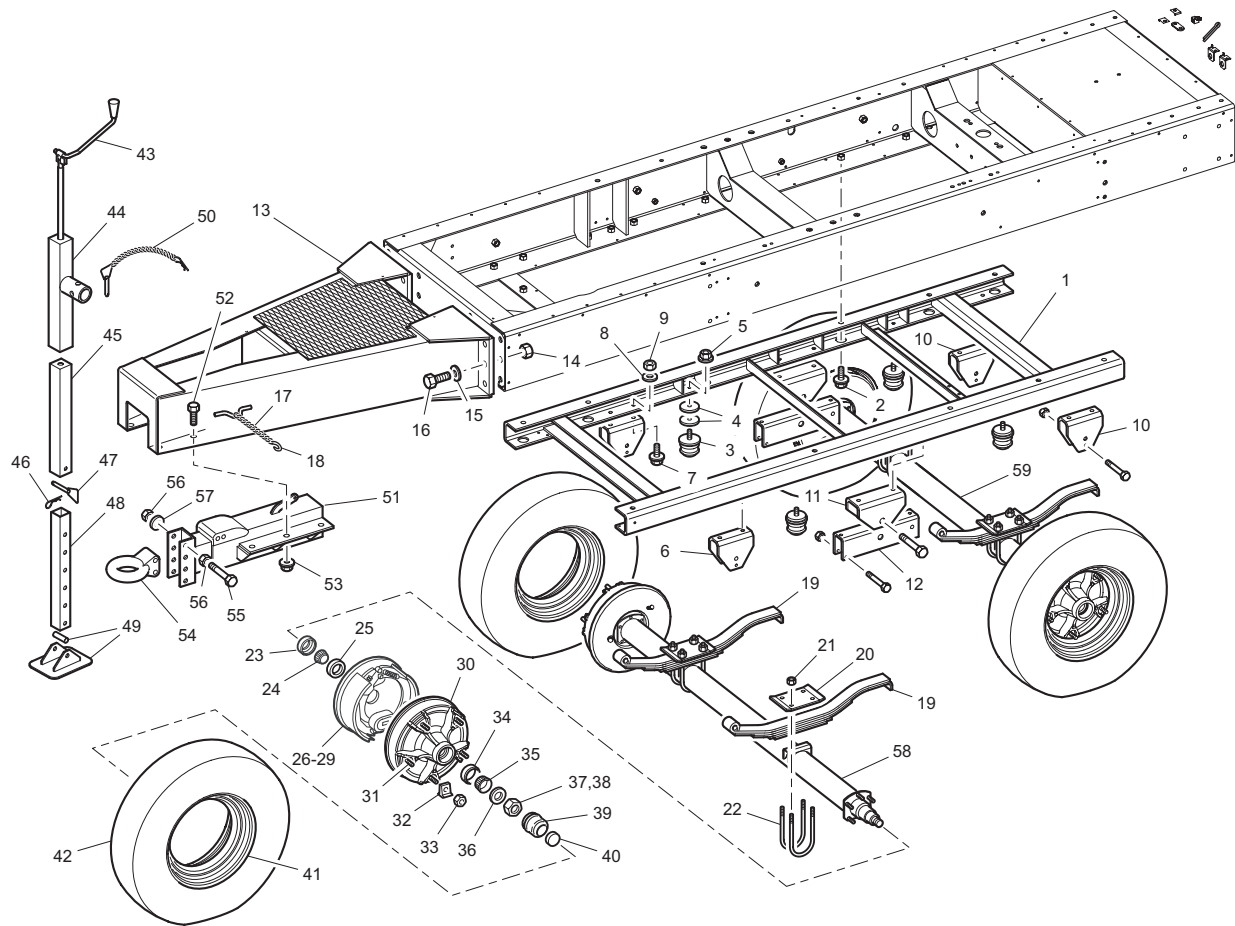
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, 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)



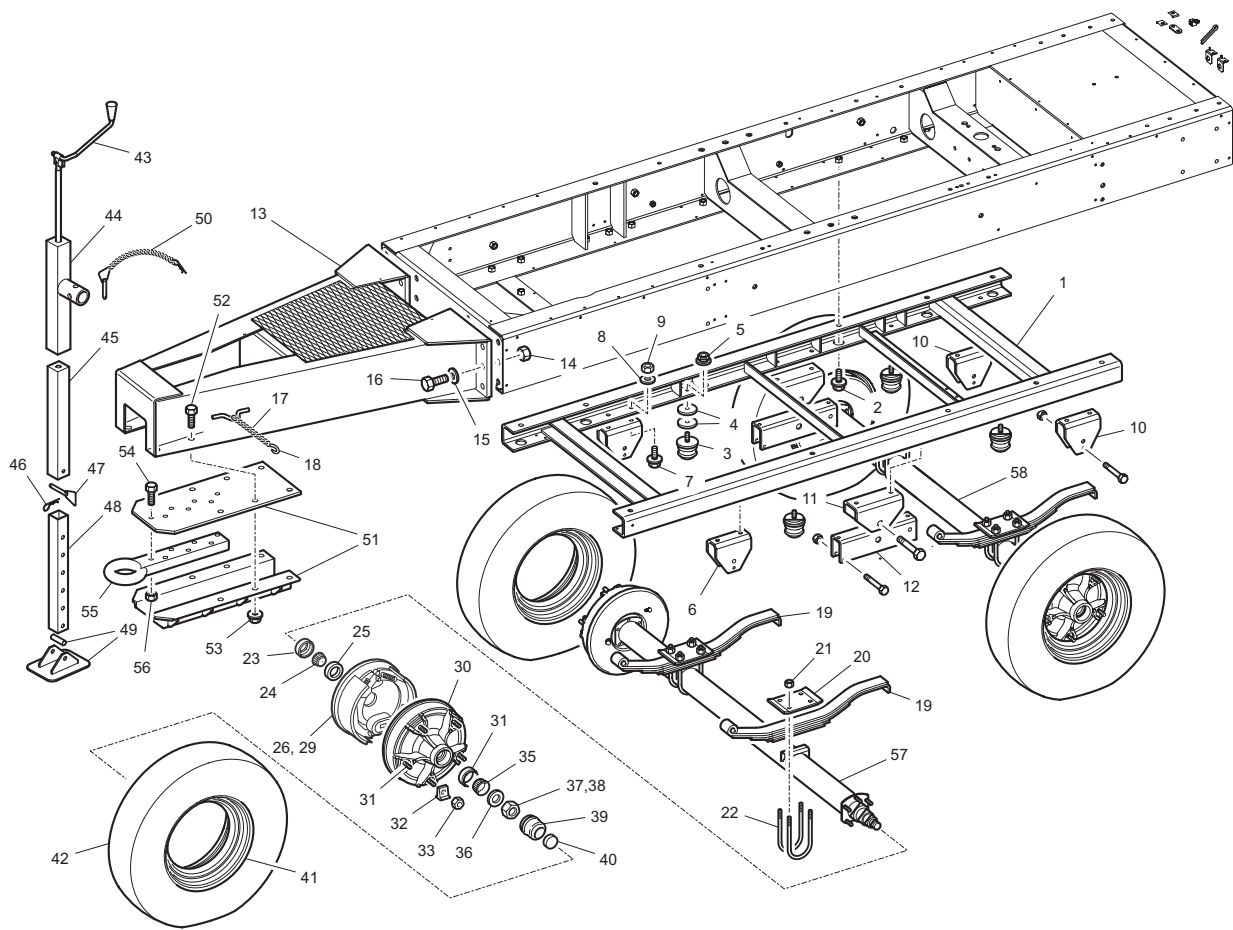
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
17	35610385	Chain	2	Continued
18	35369800	Link	2	
19	36385392	Spring	4	
20	22222459	Plate	4	
21	22222475	Nut	16	
22	35356922	U-Bolt	8	
23-40	--	Wheel & Hub Assembly	4	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cone, Inner	1	
25	35316876	Bearing Cone, 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)



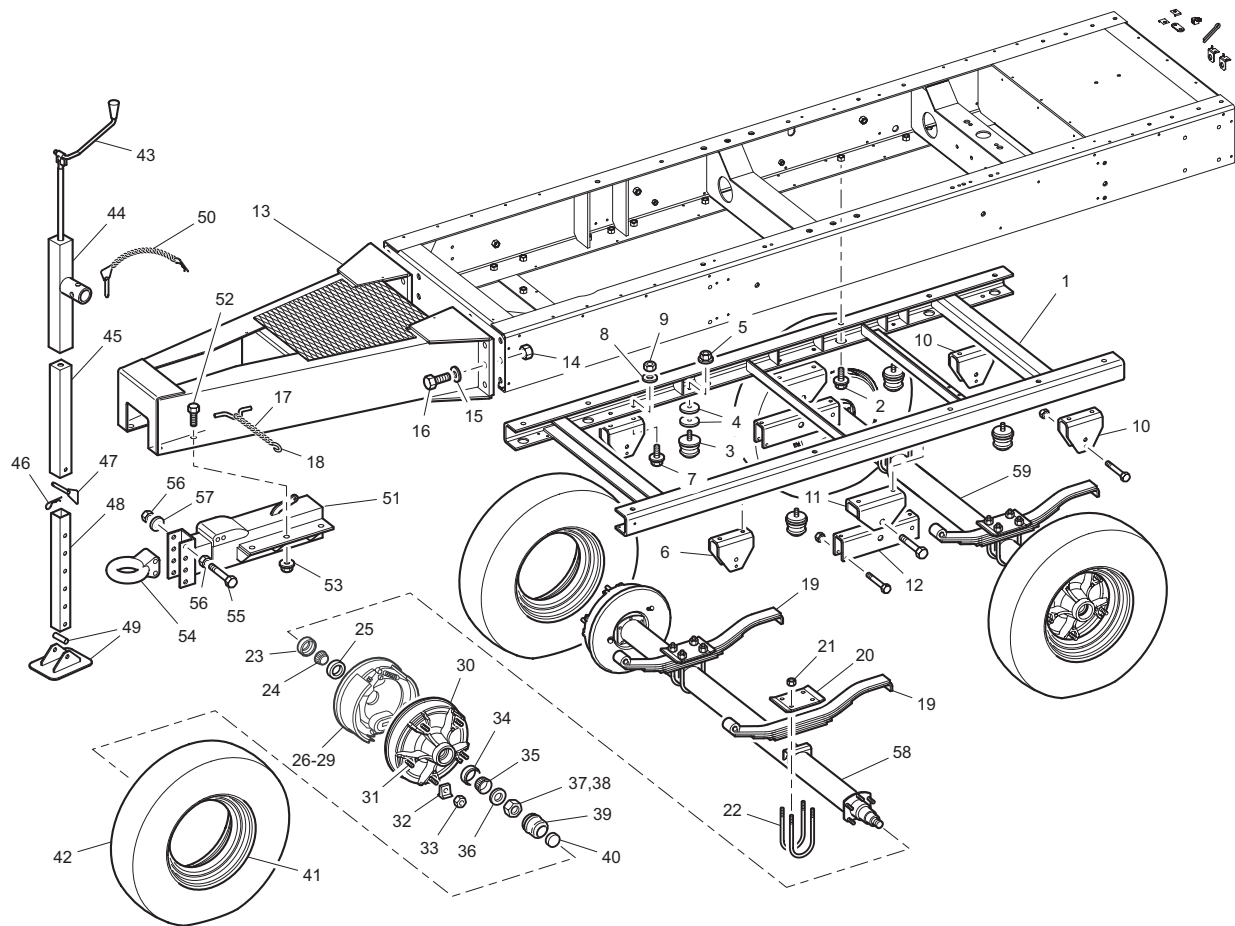
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
29	36895795	Brake Spring Kit	1	Continued
30	22331326	Hub Assembly	1	
31	22332449	Wheel Stud	5	
32	22330039	Wheel Nut Clamp	5	
33	22331763	Wheel Nut	5	
34	35385277	Bearing Cone, Outer	1	
35	35385293	Bearing Cone, Outer	1	
36	35356914	Spindle Washer	1	
37	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 (Electric Brake)



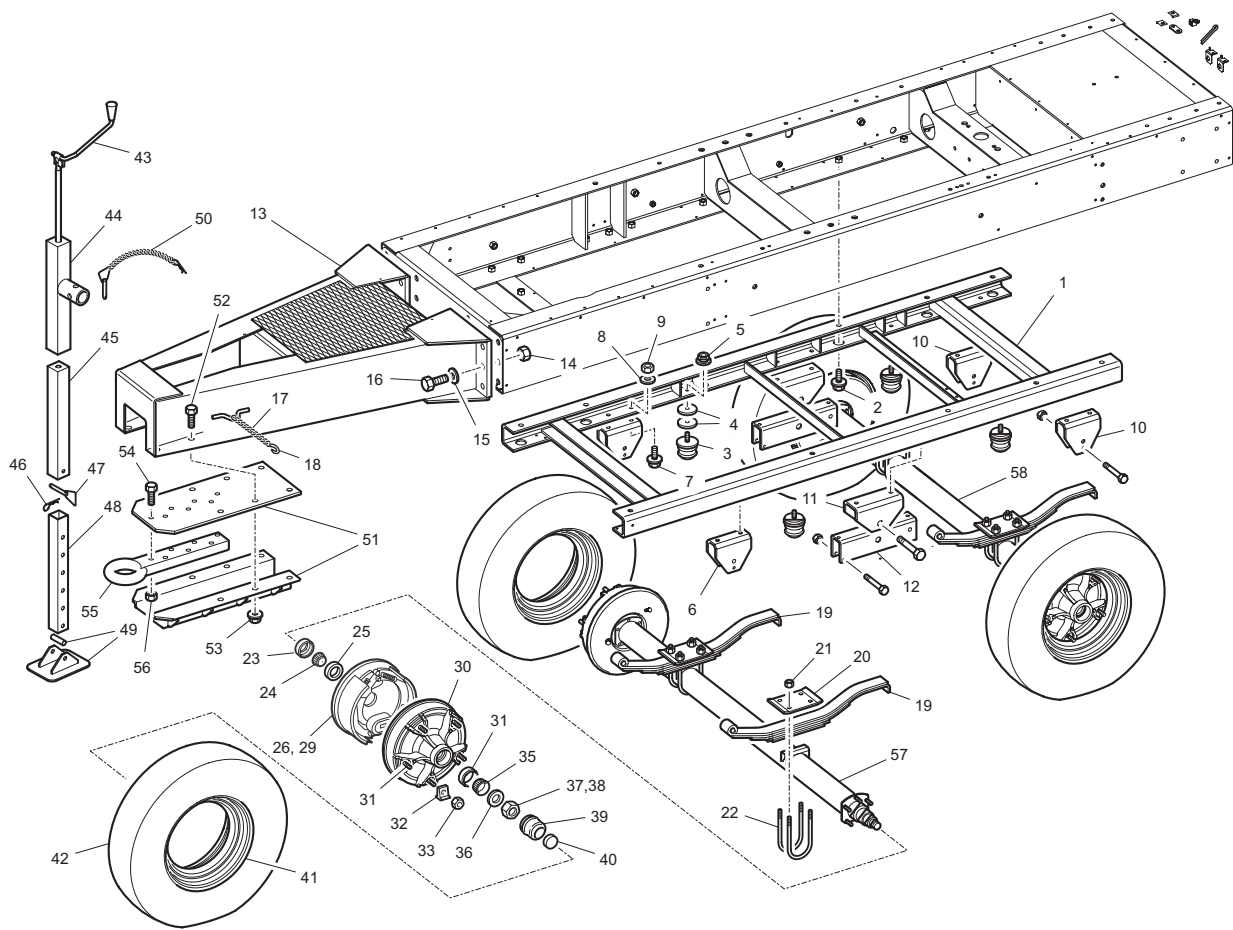
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22163919	Subframe	1	
2	36879302	Screw	12	
3	54719141	Stop, Bumper	4	
4	35272996	Washer, Snubber	8	
5	36879203	Nut	4	
6	35326958	Hanger, Front	2	
7	36877793	Screw	12	
8	95935003	Washer	12	
9	35304047	Nut	12	
10	36895225	Hanger, Rear	2	
11	35326966	Hanger, 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		<i>Continued.....</i>

High Speed Running Gear (Hydraulic Brake)



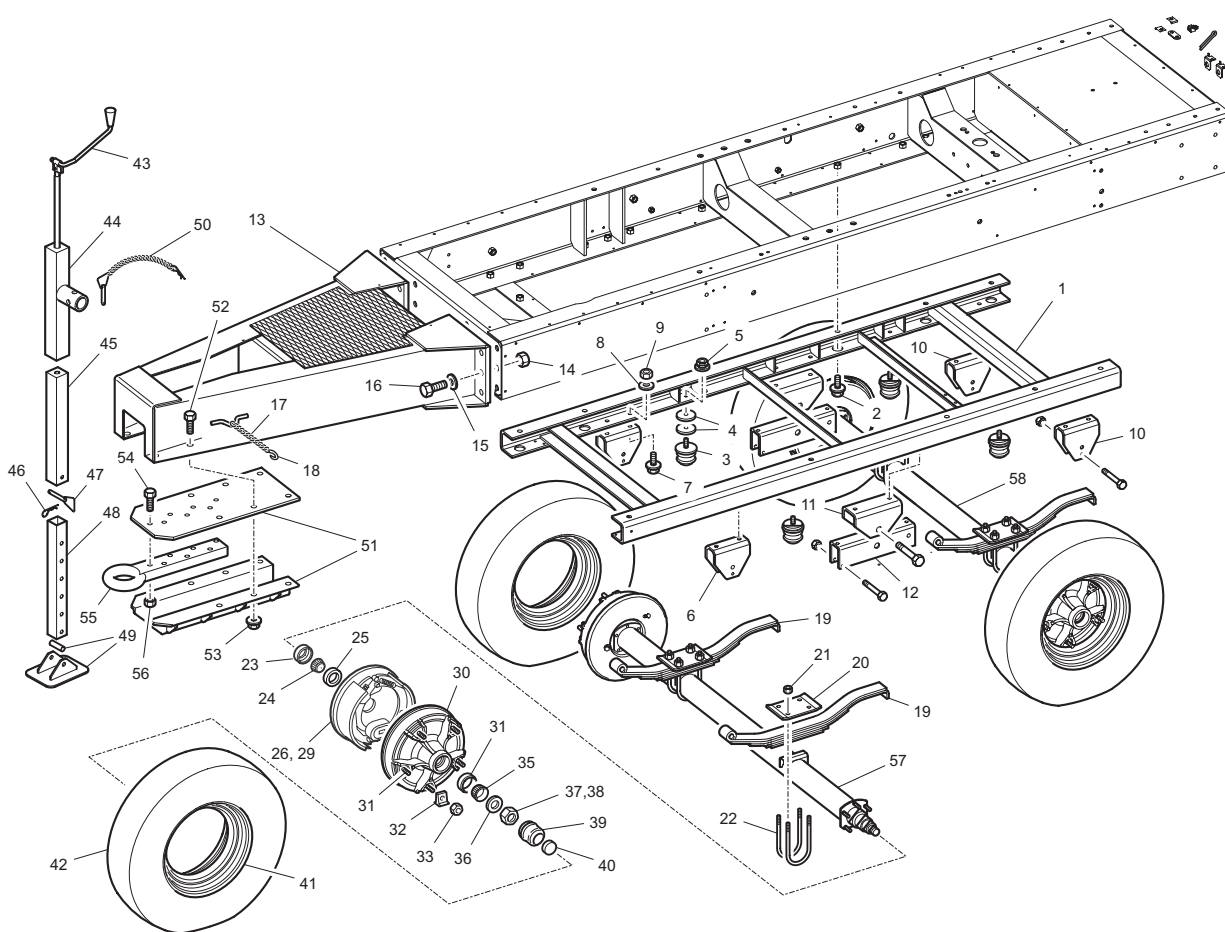
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
44	36870129	Tube	1	Continued
45	36870053	Tube	1	
46	36870103	Clip	1	
47	36870095	Pin	1	
48	36870087	Tube	1	
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36734424	Actuator, Hydraulic Surge	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	35605187	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)



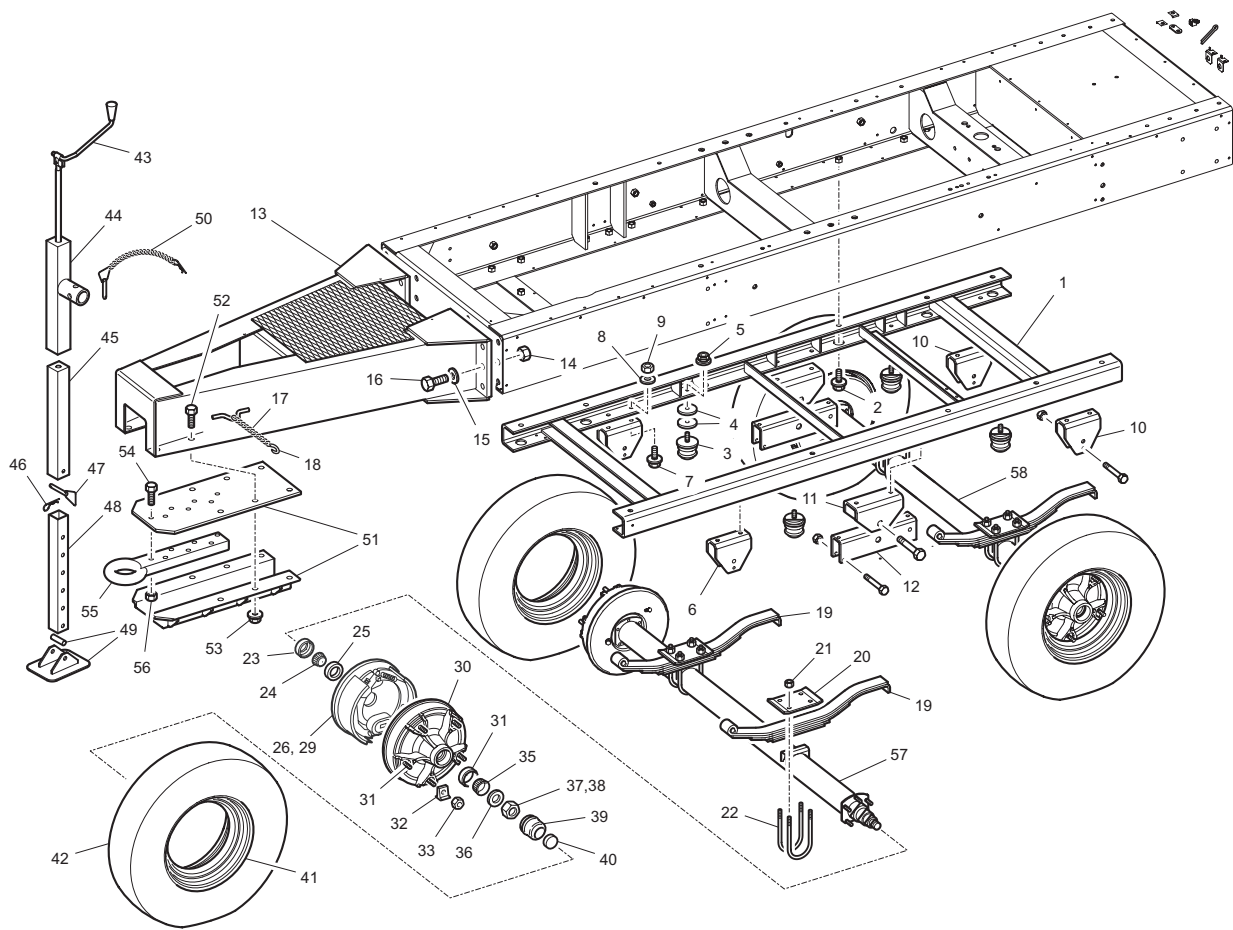
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	35369800	Link		Continued
19	36891794	Spring	4	
20	22222459	Plate	4	
21	22222475	Nut	16	
22	35356922	U-Bolt	8	
23-40	-	Wheel & Hub Assembly	4	
23	36865962	Seal, Grease	1	
24	35316884	Bearing Cone, Inner	1	
25	35316876	Bearing Cone, Inner	1	
26	36855377	Brake Assembly, Left Hand	1	
	36855385	Brake Assembly, Right Hand	1	
27	36895803	Brake Shoe and Lining Kit	1	
28	36895811	Brake Magnet Kit	1	
29	36895829	Brake Actuating Lever Kit, Left Hand	1	
	36895837	Brake Actuating Lever Kit, Right Hand	1	
30	22331326	Hub Assembly	1	
31	22332449	Wheel Stud	5	
				Continued.....

High Speed Running Gear (Electric Brake)



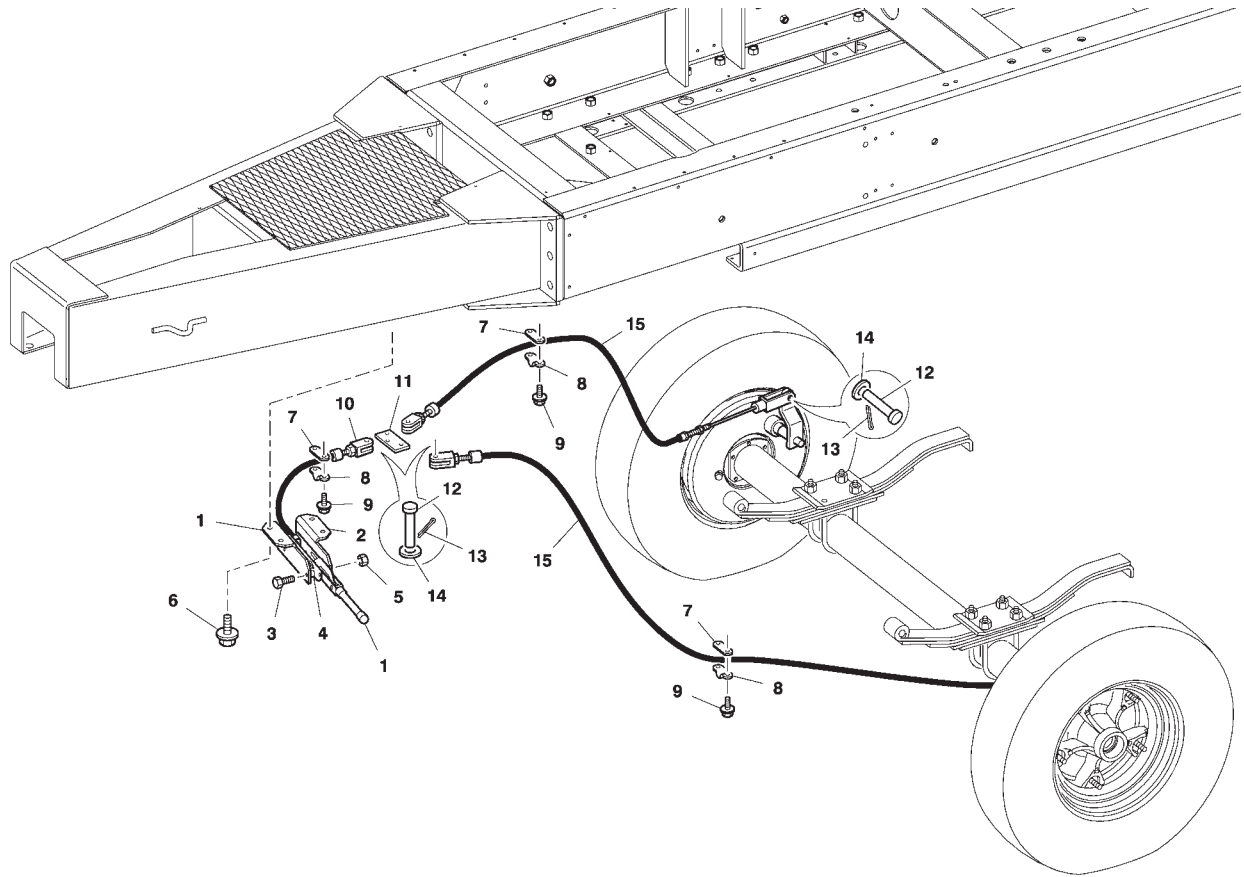
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	22330039	Wheel Nut Clamp	5	Continued
33	22331763	Wheel Nut	5	
34	35385277	Bearing Cone, Outer	1	
35	35385293	Bearing Cone, Outer	1	
36	35356914	Spindle Washer	1	
37	35315217	Spindle Nut	1	
38	22222483	Cage, Spindle Nut	1	
39	35379395	Grease Cap	1	
40	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)



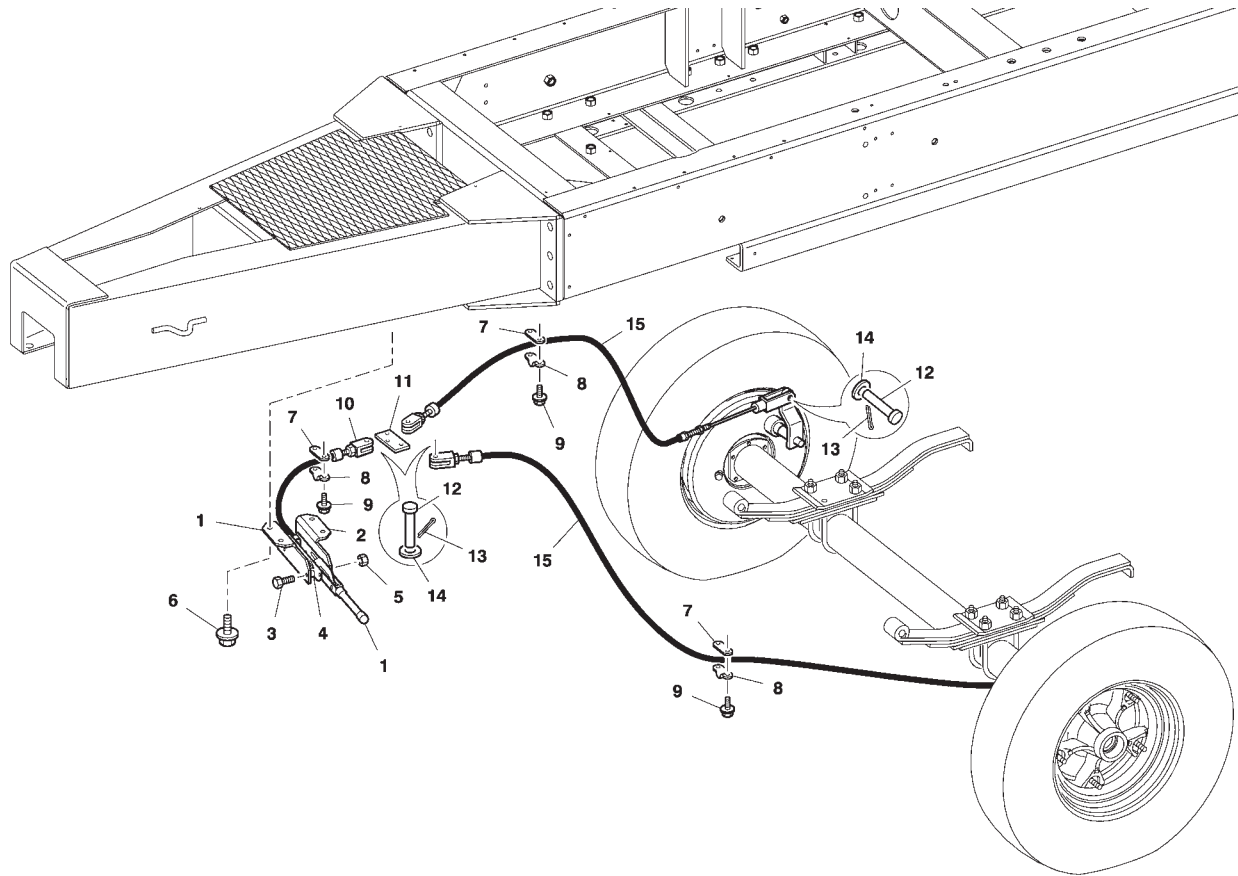
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
48	36870087	Tube	1	Continued
49	36870145	Base	1	
50	35609544	Pin and Chain Assembly	1	
51	36742880	Support	1	
52	35272558	Screw	6	
53	35356526	Nut	6	
54	95934170	Screw	7	
55	35327840	Eye, Lunette	1	
56	35374453	Nut	7	
57	22215545	Bracket	1	
58	22215552	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)



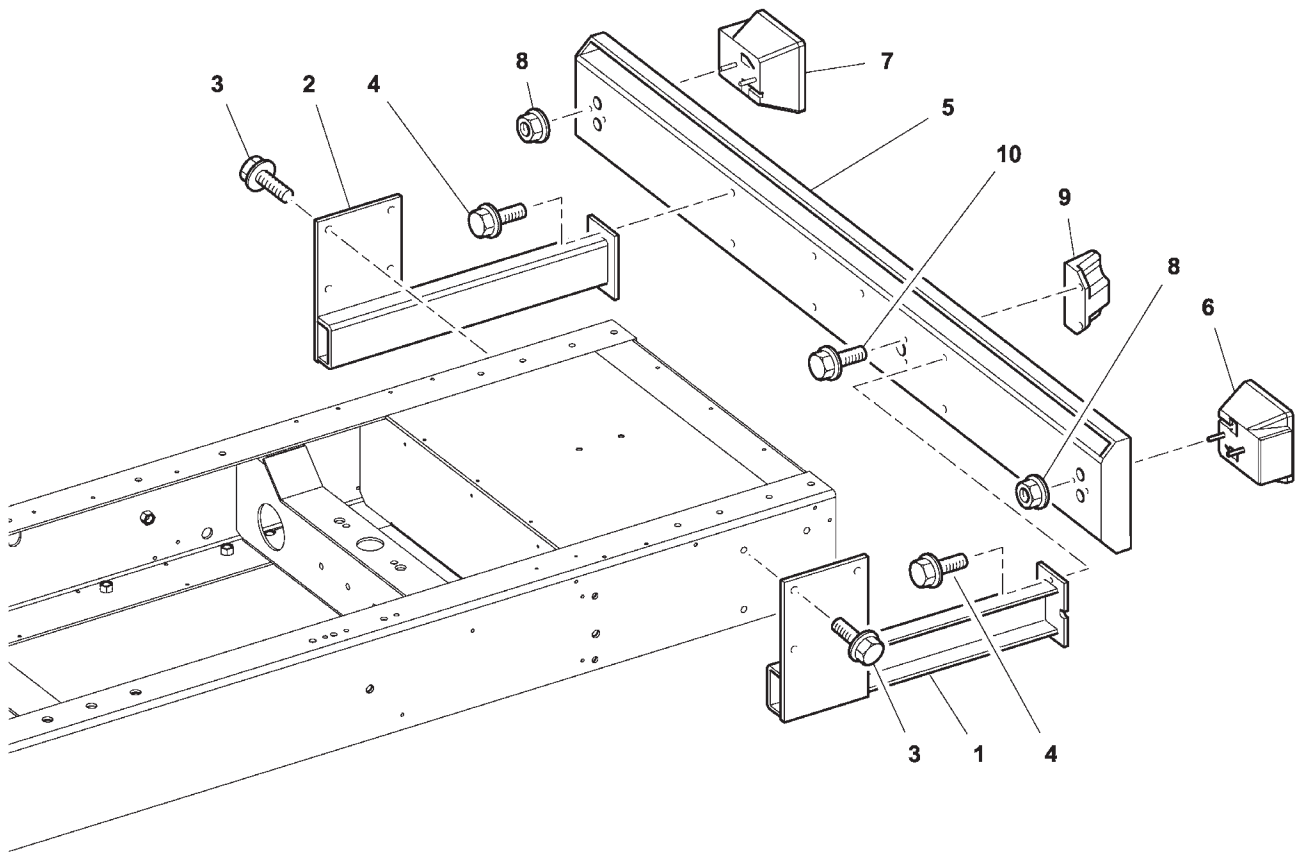
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22215545	Bracket, Parking Brake, Left Hand	1	Continued.....
2	22215552	Bracket, Parking Brake, Right Hand	1	
3	35288422	Screw	2	
4	35358829	Spacer	4	
5	96735543	Nut	2	
6	36880995	Screw	4	
7	35602903	Spacer	3	
8	35602895	Clip	3	
9	35279025	Screw	6	
10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

High Speed Running Gear (Parking Brake)



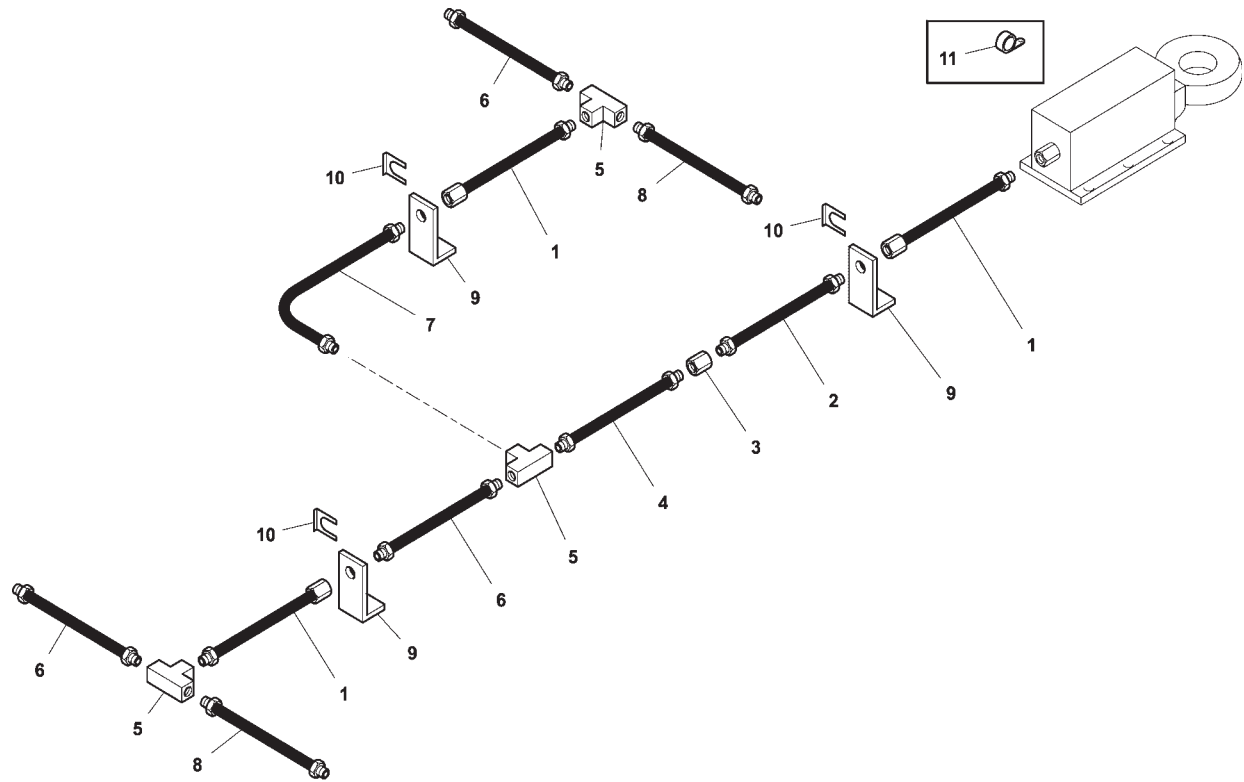
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35602846	Equalizer Bracket	1	 <i>Continued</i>
12	35357151	Pin	5	
13	95928867	Cotter	5	
14	95934998	Washer	5	
15	22349914	Cable, HSRG with Electric Brake	2	
*15	22215057	Cable - Not Illustrated HSRG with Hydraulic Brake. Hydraulic Parking Brake cable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

High Speed Running Gear (Rear Bumper With Lights)



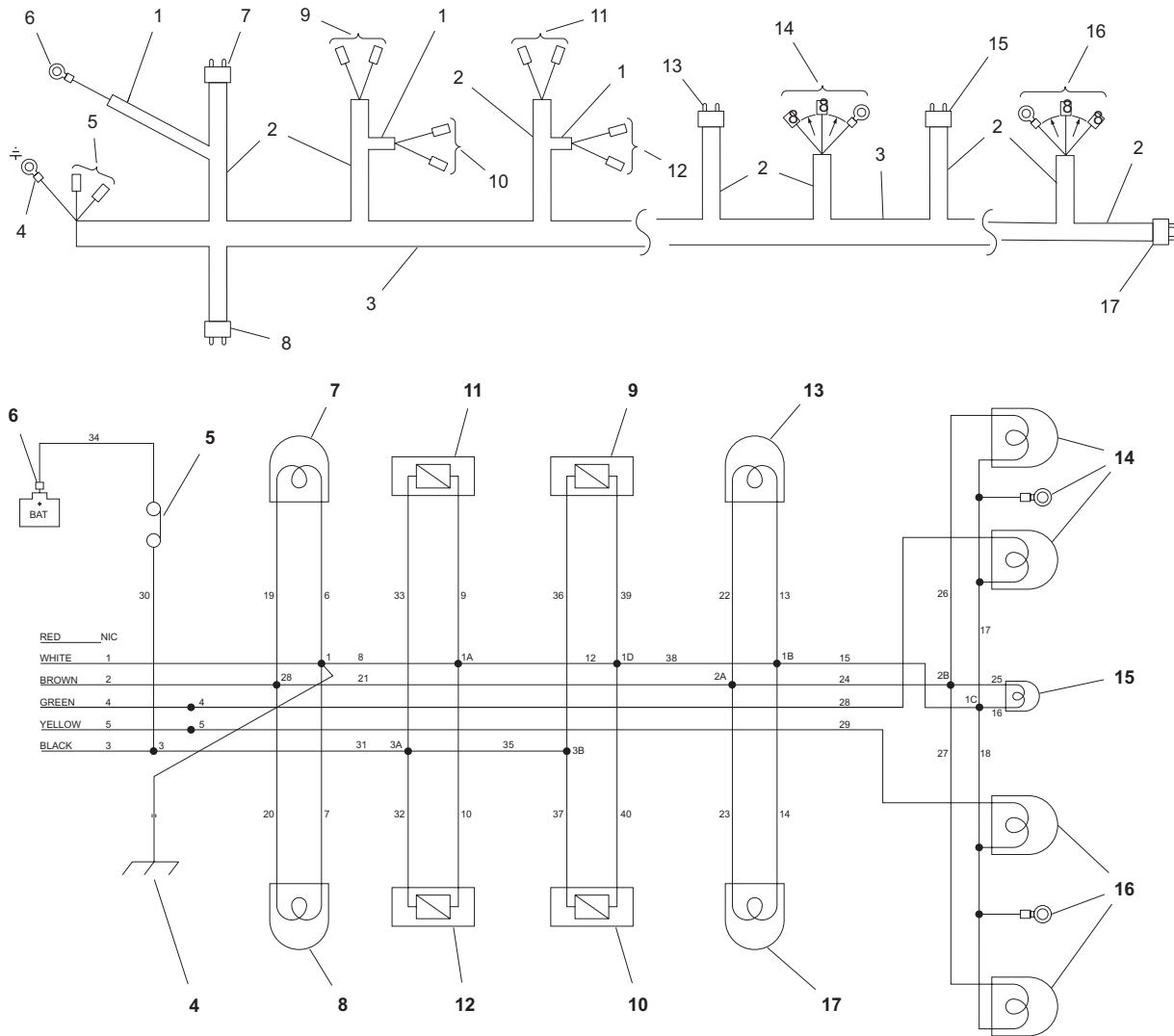
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22189492	Bracket, Left Hand	1	6 MM
2	22189500	Bracket, Right Hand	1	
3	36877793	Screw	8	
4	36879492	Screw	4	
5	22207997	Bar, Bumper	1	
6	54671557	Light, Left Hand	1	
7	54671557	Light, Right Hand	1	
8	85507911	Nut	4	
9	36895860	Light	1	
10	36782837	Screw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

High Speed Running Gear (Hydraulic Brake)



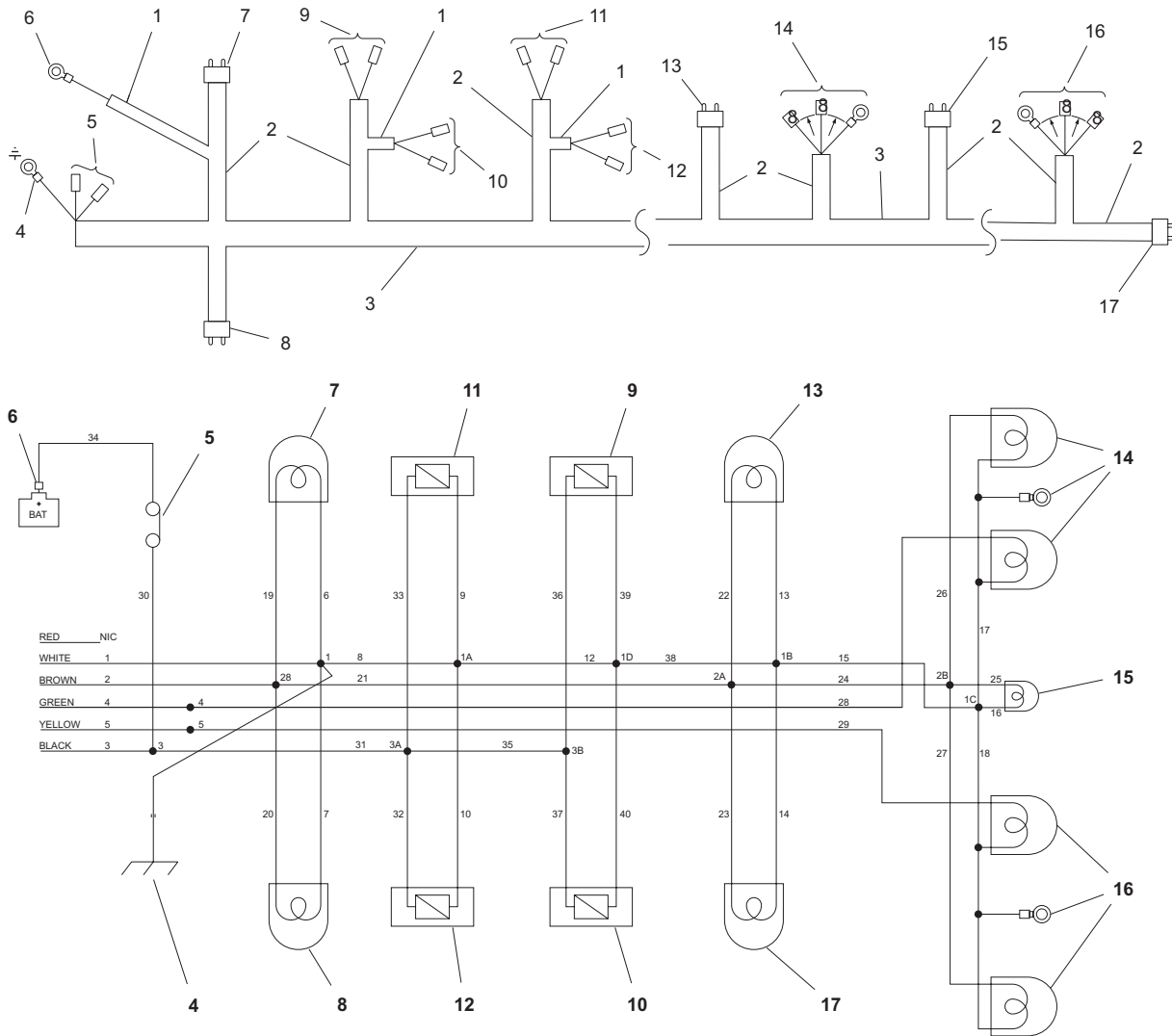
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35356369	Hose	3	
2	36894699	Tube	1	
3	35356336	Connector	1	
4	36867281	Tube	1	
5	35356328	Tee	3	
6	36894673	Tube	3	
7	36881290	Tube	1	
8	35336419	Tube	2	
9	35356310	Bracket	3	
10	35356302	Clip, Hose	3	
11	37001252	Clip, Tube	3	

High Speed Running Gear (Brake and Lighting Electrical)



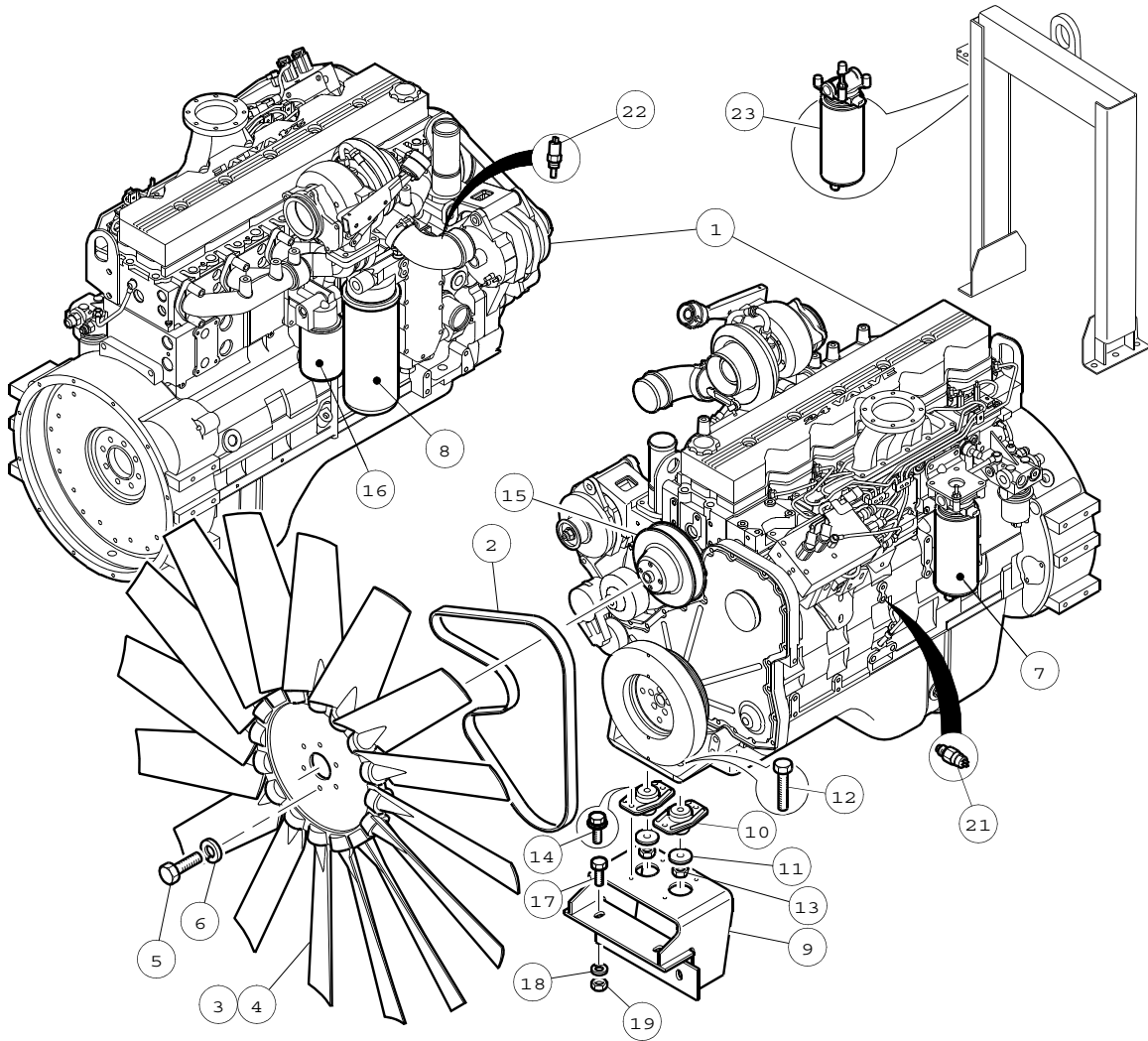
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-3	22306633	Harness	1	
1	N.S.S	Conduit	1	13 MM
2	N.S.S	Conduit	1	9 MM
3	N.S.S	Conduit	1	6 MM
4	--	Ground Point Connection	1	
5	35315944	Switch, Breakaway	1	
6	--	Battery Connection	1	
7	35367051	Light, Side, Right Hand, Front	1	
7a	36893634	Grommet	1	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

High Speed Running Gear (Brake and Lighting Electrical)



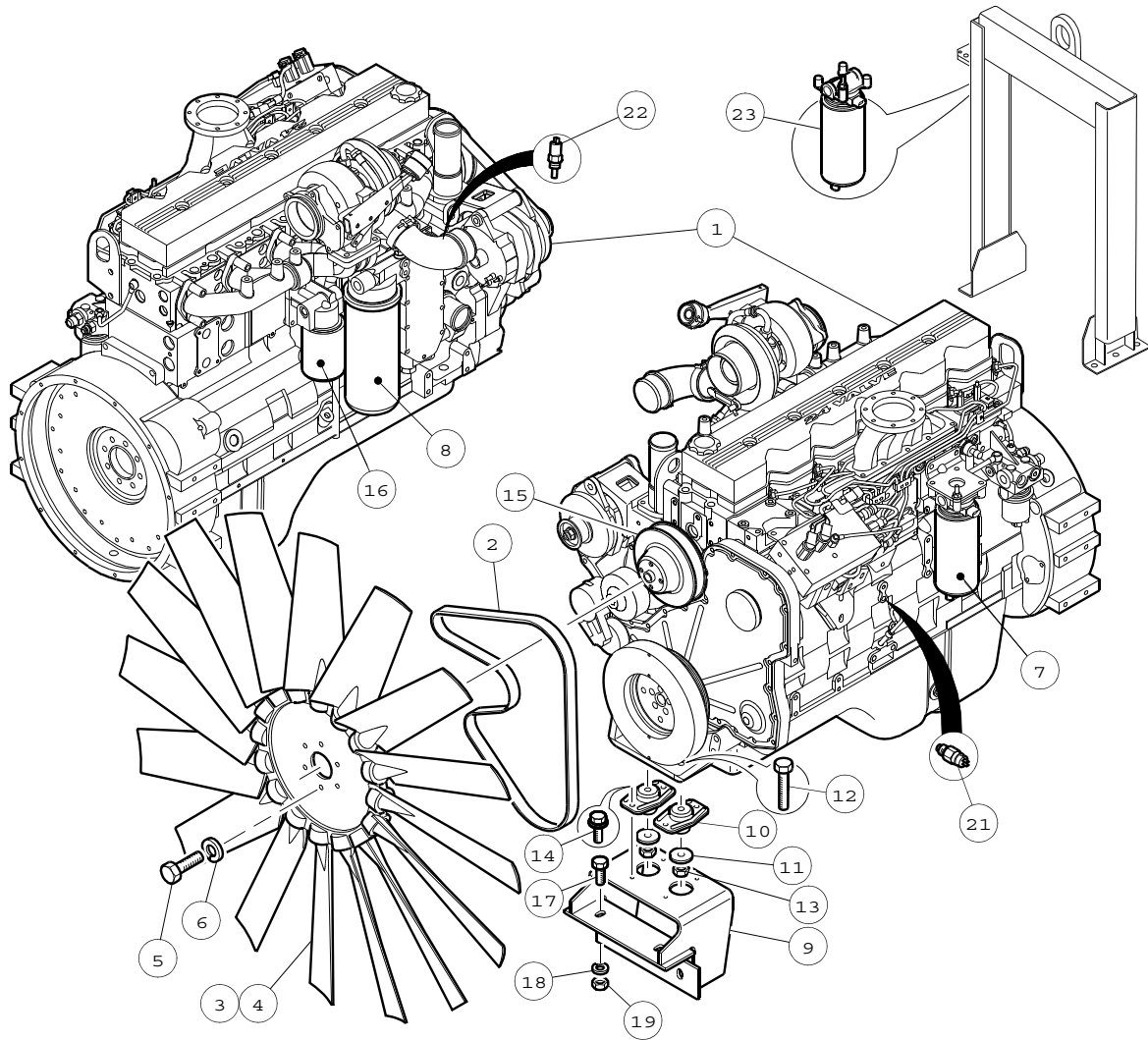
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	--	Brake B, Right Hand	1	Continued
12	--	Brake B, Left Hand	1	
13	35367044	Light, Side, Right Hand, Rear	1	
13a	36893634	Grommet	1	
14	54691557	Light, Rear, Right Hand	1	
15	36895860	Light, License Plate	1	
16	54671557	Light, Rear, Left Hand	1	
17	35367044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

Engine Assembly - Cummins QSL 9



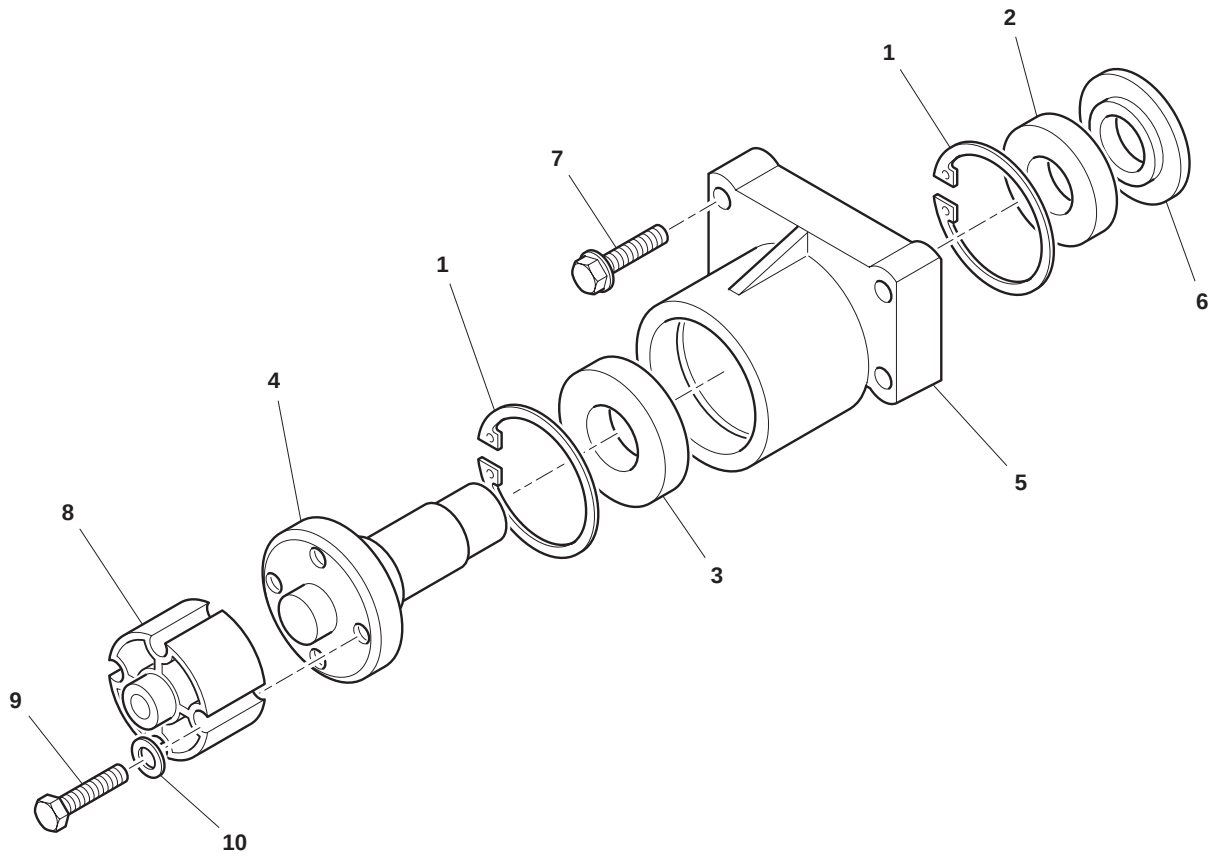
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22648463	Engine Cummins 300hp	1	
2	22678031	Belt, Drive	1	
3	22126726	Fan	1	
4	N.S.S	Blade, Fan	8	
5	36880995	Screw, Drive to Engine	4	
	96702295	Screw, Fan to Drive	4	
6	95935037	Washer	6	
7a	22765325	Filter, Fuel (Main)	1	
8	22177737	Filter, Oil	1	
9	22092670	Bracket	1	
10	36500197	Mount	2	
11	54429295	Washer, Snubber	2	

Engine Assembly - Cummins QSL 9



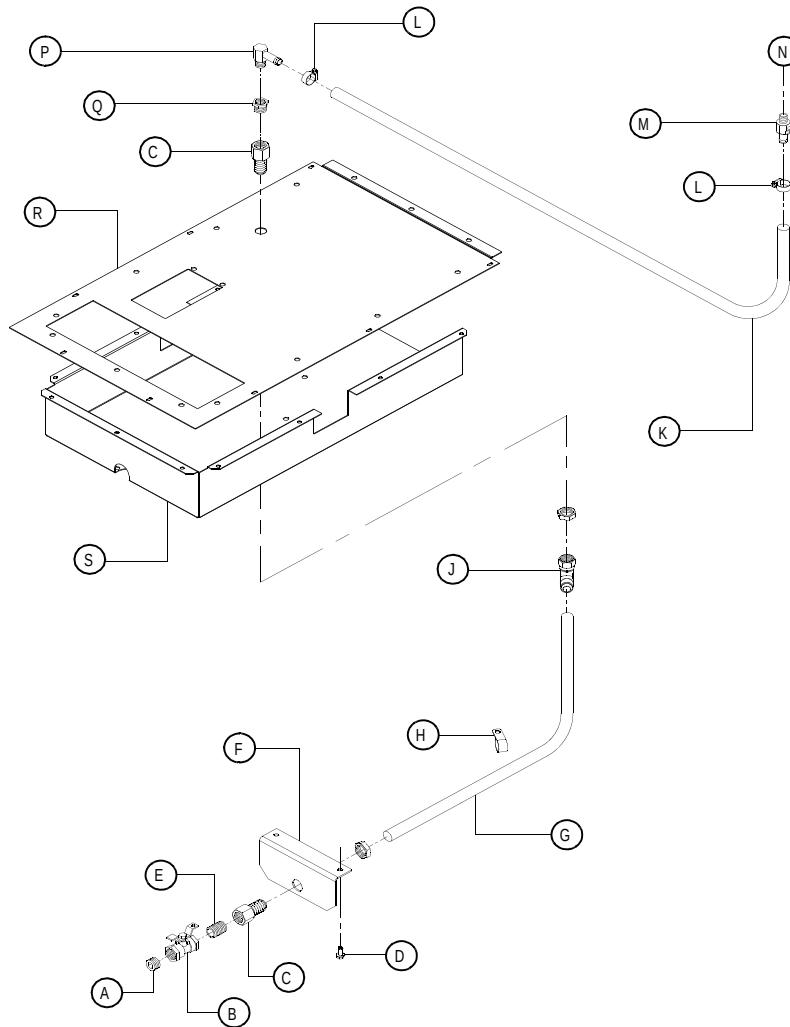
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	96739958	Screw Temperature Gauge	2	Continued
13	35304047	Nut	2	
14	35279025	Screw	4	
15	22113047	Pulley	1	
15	22213011	Horton Fan Drive	1	
16	22345748	Conditioner, Coolant	1	
17	96712187	Screw	4	
18	95935003	Washer	4	
19	36879203	Nut	4	
20	36785319	Pickup, Mag Speed	1	
21	36870608	Sending Unit, Engine Oil Pressure Gauge	1	
22	36841138	Sending Unit, Engine Coolant Temp. Gage	1	
23	22637904	Filter, Fuel (Pre)	1	

Fan Drive, Cummins



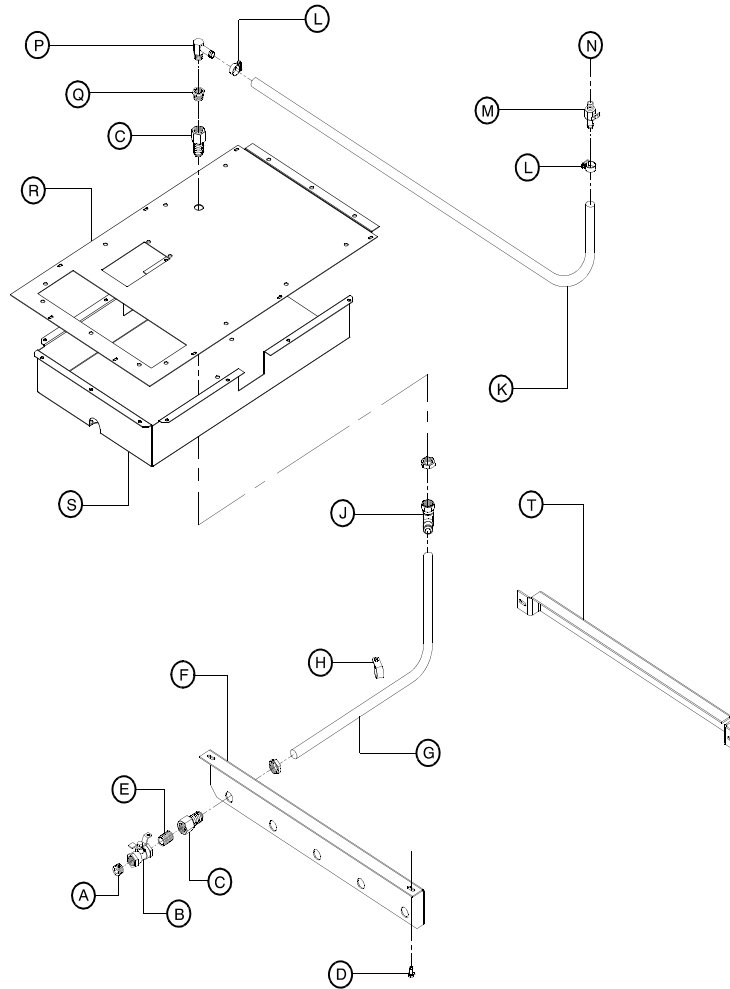
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-6	22213011	Assembly, Fan Support	1	
1	15900657	Ring, Retaining	2	
2	N.S.S.	Bearing	1	
3	N.S.S.	Bearing	1	
4	N.S.S.	Hub	1	
5	N.S.S.	Support	1	
6	15900665	Retainer	1	
7	36880995	Screw	4	
8	15902612	Spacer	1	
9	96702295	Screw	4	
10	95935037	Washer	4	

Engine Oil Drain (Standard Running Gear)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95947149	Plug	1	
B	36777399	Valve, Ball	1	
C	35287747	Fitting, Bulkhead	1	
D	35279025	Screw	2	
E	95928040	Nipple	1	
F	22833354	Bracket	1	
G	35289503	Hose assembly	1	
H	35114081	Clamp	2	
J	35301506	Elbow	1	
K	35326578	Hose (12 inches)	1	
L	95220844	Clamp	1	
M	36874436	Valve, Drain	1	
N		To Engine Oil Drain		
P	35366665	Elbow	1	
Q	95953949	Bushing	1	
R	22132898	Pan, Belly	1	
S	22441927	Box, Air	1	

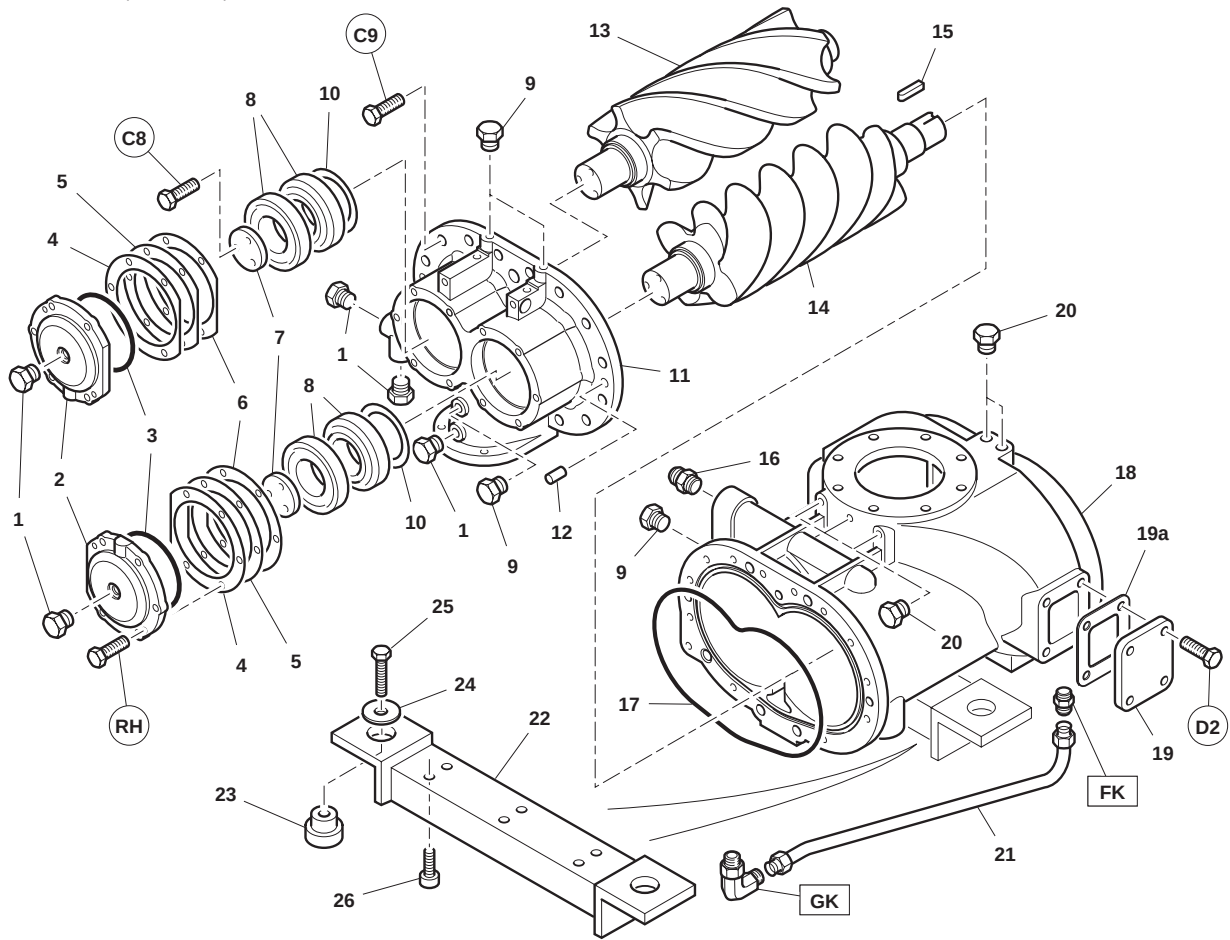
Engine Oil Drain (High Speed Running Gear)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95947149	Plug	1	
B	36777399	Valve, Ball	1	
C	35287747	Fitting, Bulkhead	1	
D	35279025	Screw	2	
E	95928040	Nipple	1	
F	22701767	Bracket	1	
G	35323807	Hose assembly	1	
H	35114081	Clamp	2	
J	35301506	Elbow	1	
K	35326578	Hose (12 inches)	1	
L	95220844	Clamp	1	
M	36874436	Valve, Drain	1	
N		To Engine Oil Drain		
P	35366665	Elbow	1	
Q	95953949	Bushing	1	
R	22132898	Pan, Belly	1	
S	22441927	Box, Air	1	
T	22707251	Bracket, Clamp	1	

Airend Assembly

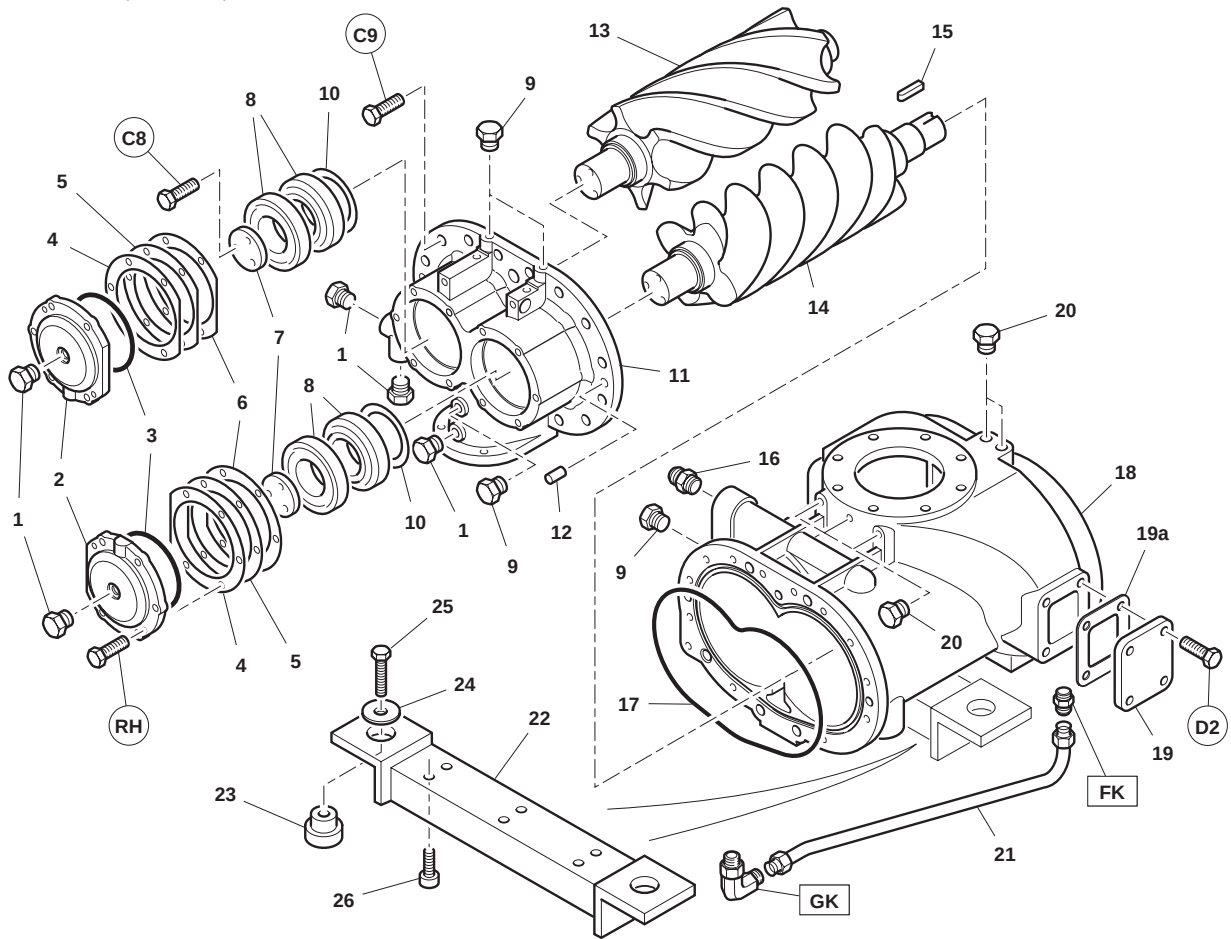
MHP825, HP915, XP1000



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

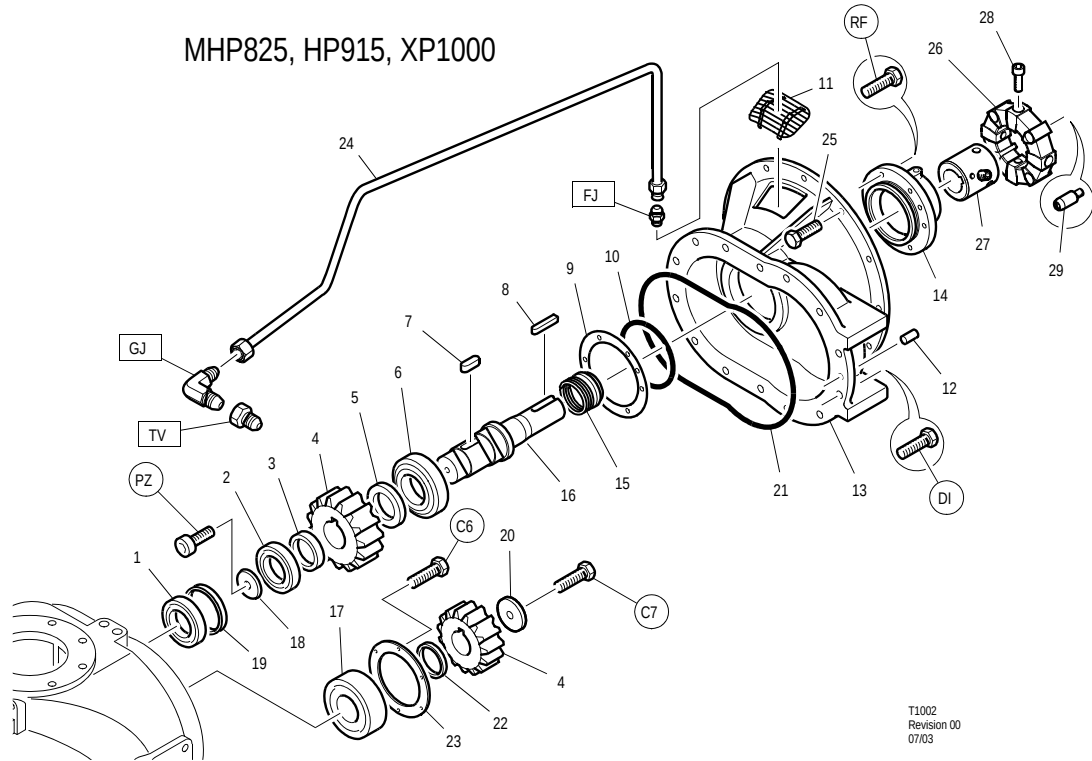
MHP825, HP915, XP1000



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

MHP825, HP915, XP1000

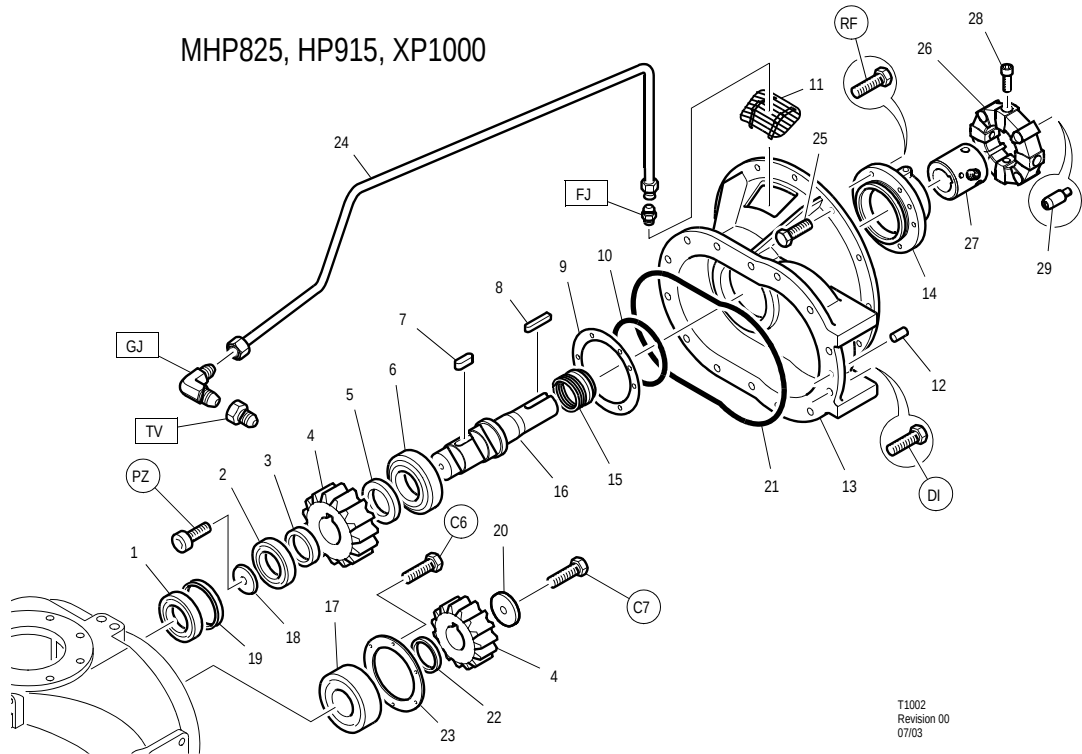


MODEL	GEAR SET	AIR END COMPLETE (INCLUDING GEARS)
MHP825	36740546	42437590
HP915	35296011	42474270
XP1000	36893378	42455378

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

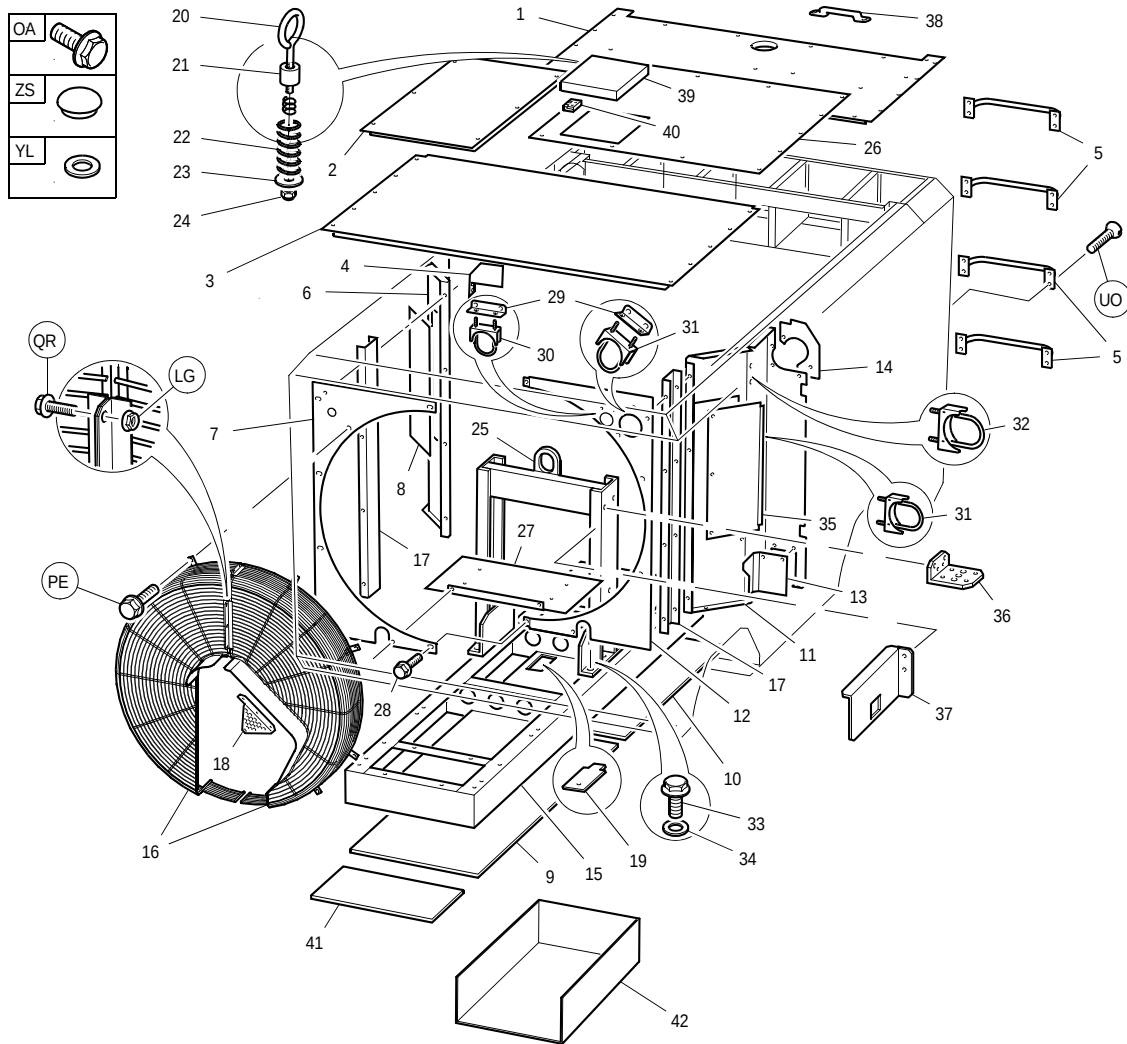
MHP825, HP915, XP1000



MODEL	GEAR SET	AIR END COMPLETE (INCLUDING GEARS)
MHP825	36740546	42437590
HP915	35296011	42474270
XP1000	36893378	42455378

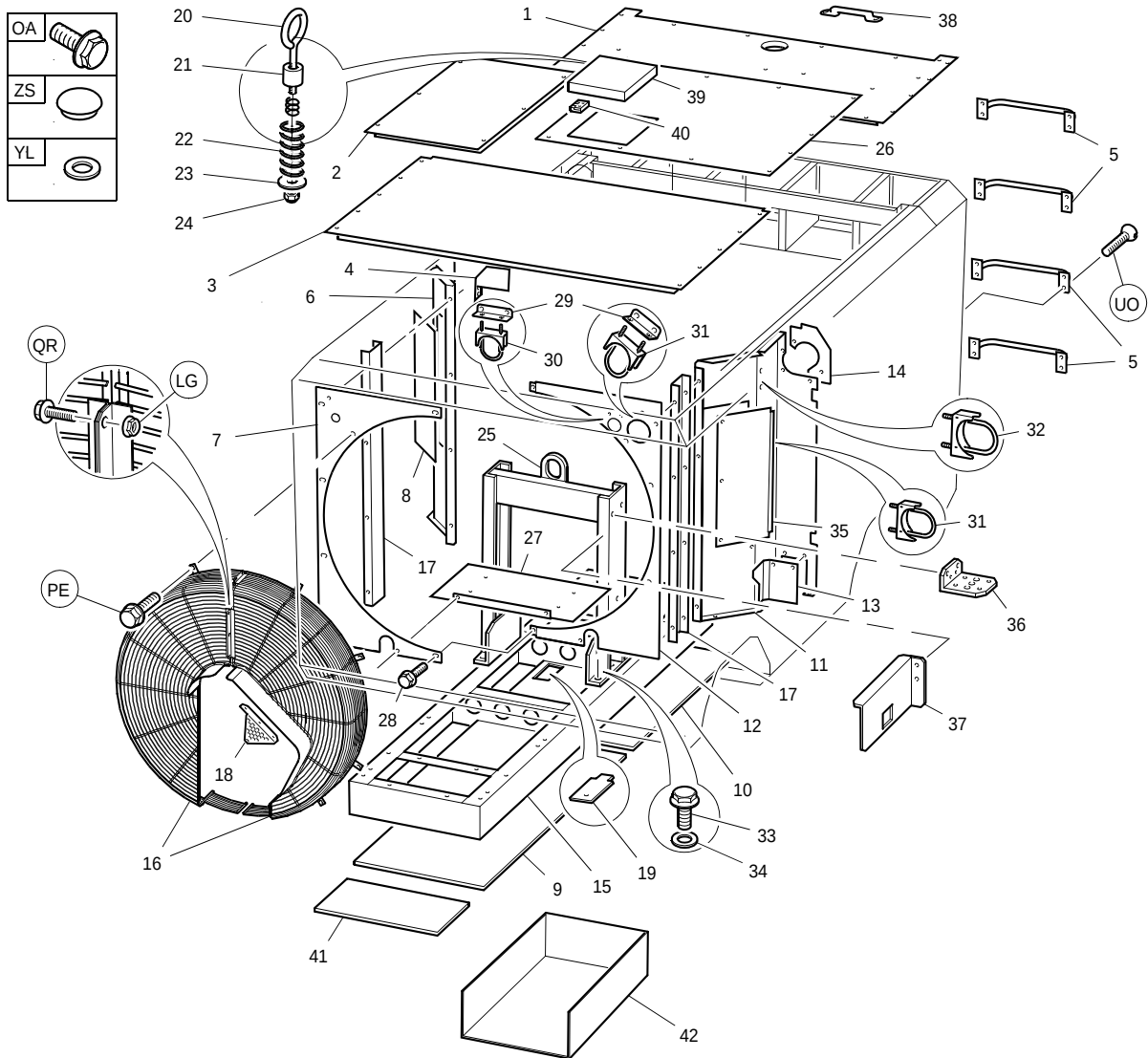
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
16	36846400	Shaft	1	Continued
17	39322706	Bearing	1	
18	36764785	Cap	1	
19	35262963	Spacer	1	
20	35255819	Clamp	1	
21	39253992	O-Ring	1	
22	39326483	Spacer	1	
23	39326749	Ring, Retaining	1	
24	39911292	Tube Assembly	1	
25	36880995	Screw	12	
26-28	54400031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

Enclosure



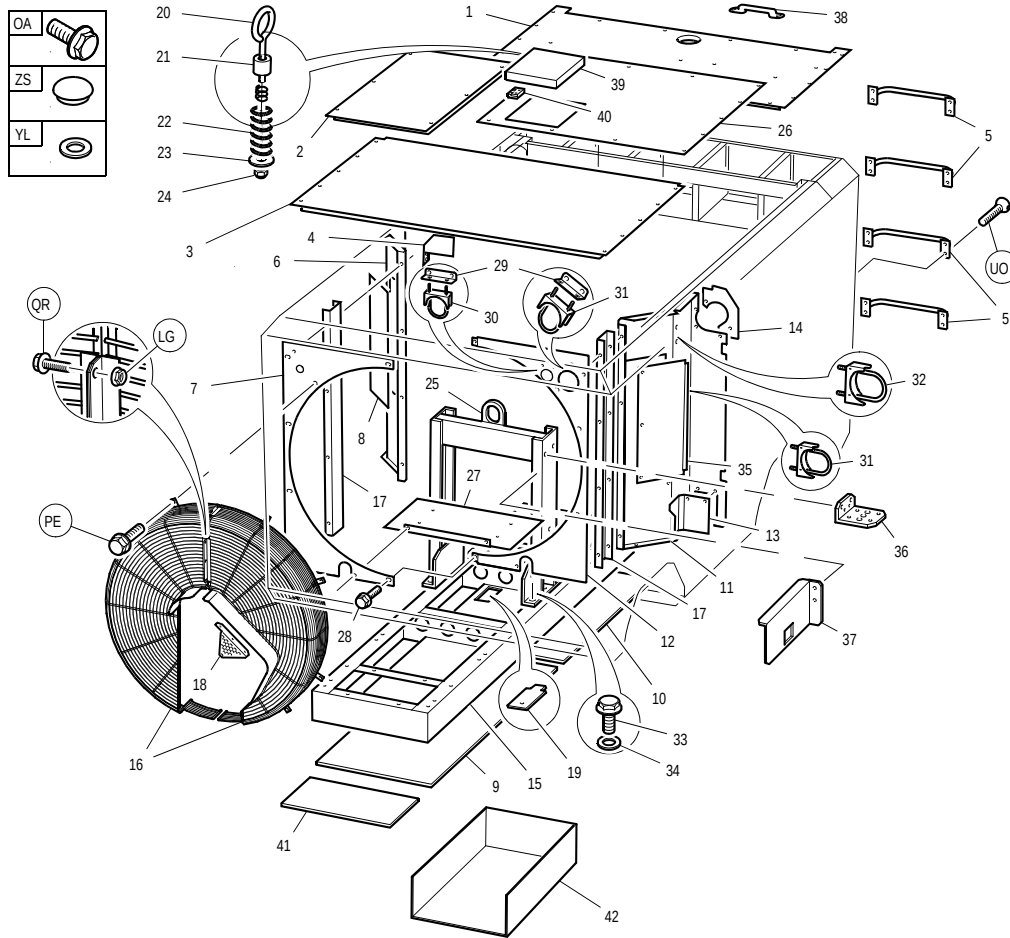
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22081988	Panel	1	
2	22123301	Panel	1	
3	22123095	Panel	1	
4	22267322	Angle, Cooler Seal	1	
5	89287957	Handrail	1	
6	22127492	Panel, Right Hand	1	
7	22377725	Panel, Right Hand, Orifice	1	
8	22181069	Panel, Cover, Right Hand	1	
9	22133425	Undertray (Front)	1	
10	22132898	Undertray (Right)	1	
11	22180897	Panel, Left Hand	1	
*11a	36889608	Screw	6	
*11b	36881886	Nut	6	
*11c	56797652	Screw		
12	22377717	Panel, Left Hand, Orifice	1	
13	22123418	Cover	1	Continued.....

Enclosure



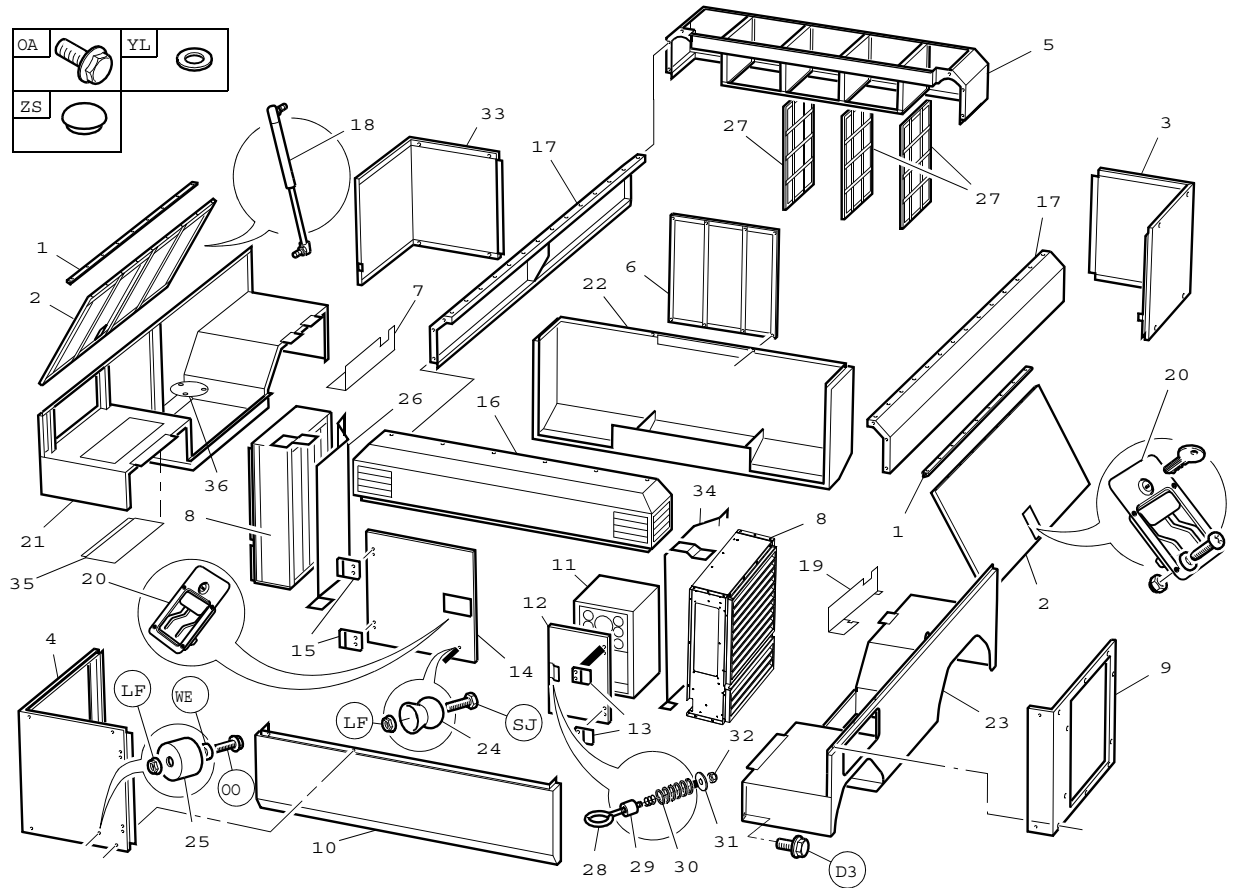
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	22053409	Cover (CE Machines)	1	Continued
15	54566781	Frame	1	
16	22105746	Guard	1	
17	22079651	Panel, Baffle Fan, Orifice	2	
18	22232185	Guard	1	
19	89299945	Cover	1	
20	89297600	Bolt, Eye	1	
21	89297618	Spacer	1	
22	89799840	Spring	1	
23	92042241	Washer, Nylon	1	
24	92304559	Locknut	1	
25	22150353	Bail, Lifting	1	Continued.....
*25a	35272588	Screw	6	

Enclosure



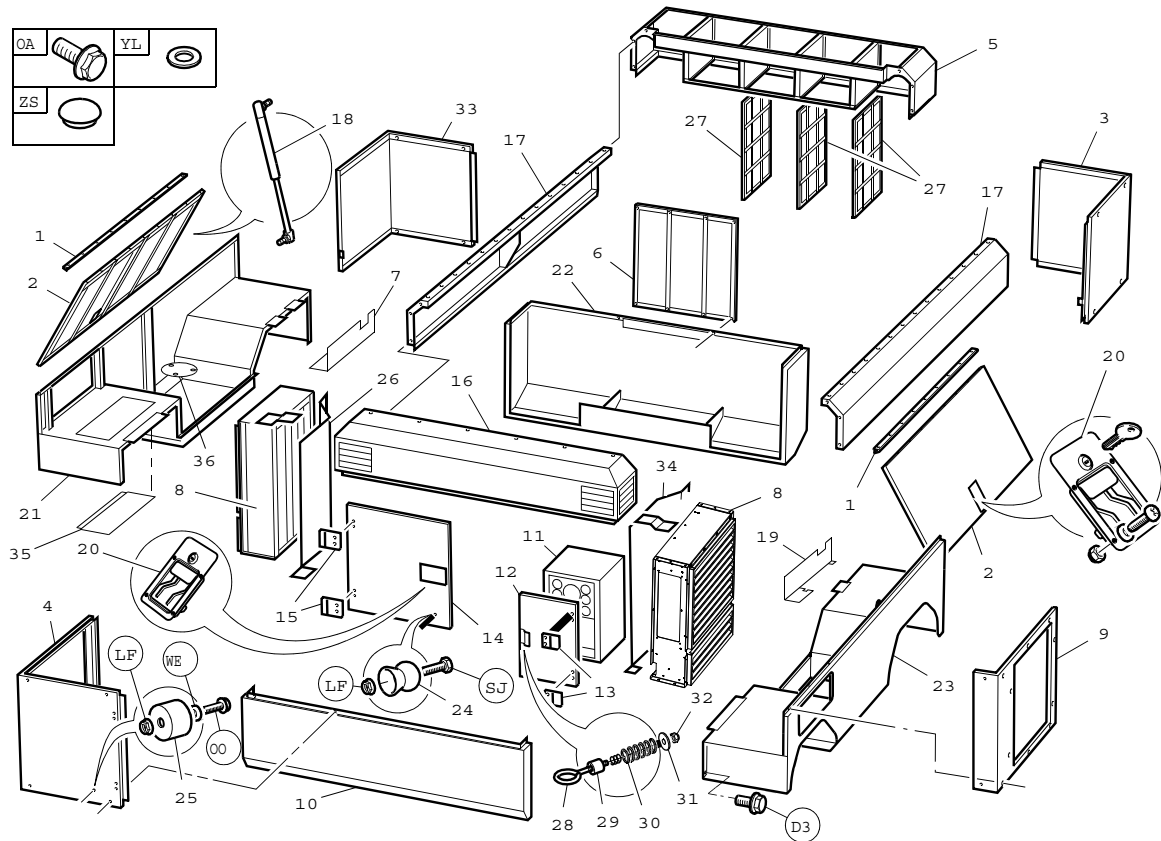
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
*25b	92391382	Washer	6	Continued
26	22123236	Panel	1	
27	22079750	Panel, (SRG)	1	
	22280549	Panel, (HSRG)	1	
28	36889608	Screw	2	
29	22097448	Bracket	2	
30	35209048	Clamp	1	
31	35111731	Clamp	2	
32	35127653	Clamp	1	
33	35272558	Screw	6	
34	92391382	Washer	6	
35	22181077	Panel, Cover, Left Hand	1	
36	22674212	Bracket, Fuel Filter	1	
37	22365787	Bracket, Relay	1	
38	35130707	Hand Hold	1	
39	22123285	Door, Lift Bail	1	
40	88152392	Hinge	1	
41	54571443	Undertray, Front, (HSRG)	1	
42	22441927	Box, Undertray	1	

Enclosure



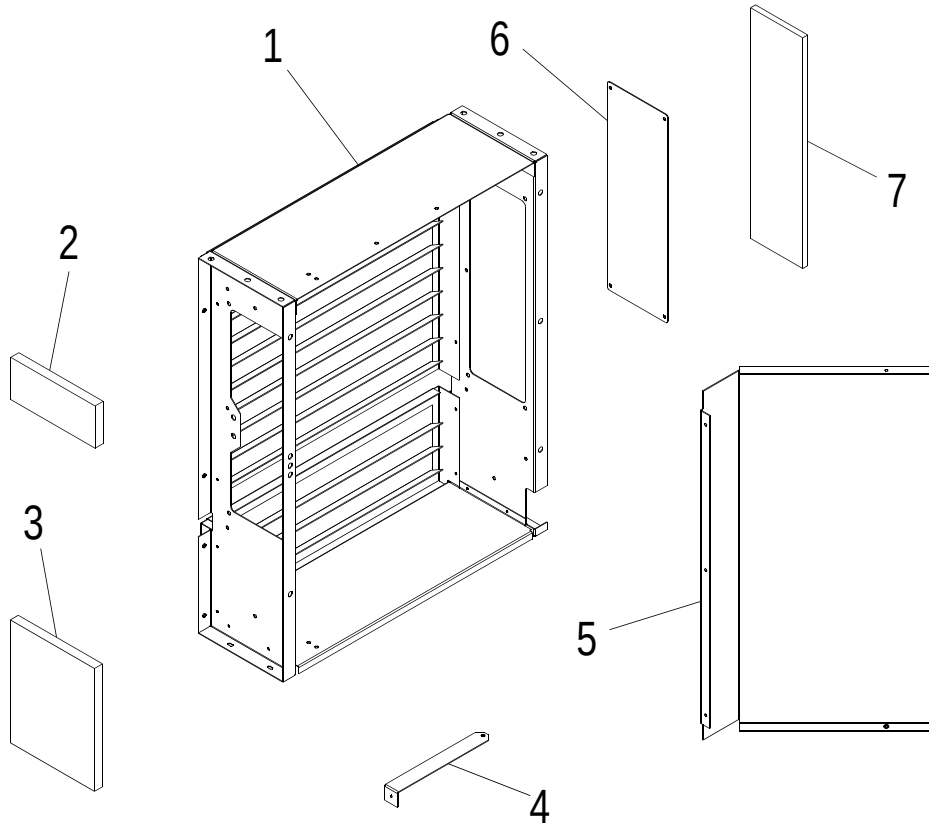
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	92912419	Hinge	2	Continued.....
2	22123368	Door Assembly	2	
3	22184907	Panel	1	
4	22464283	Panel, Right	1	
5	22341796	Duct	1	
6	22123384	Door Assembly	1	
7	22668362	Air Duct	1	
	22857643	Air Duct (Aftercooler Option)	1	
8	22871750	Duct	2	
9	22464275	Panel	1	
10	22318257	Panel (SRG)	1	
	22208938	Panel (HSRG)	1	
11	22103287	Panel, Instrument Box	1	
12	22122972	Door	1	
13	89287684	Hinge	2	
14	22185037	Door Assembly	2	
15	89287692	Hinge	4	
16	22667976	Panel	1	

Enclosure



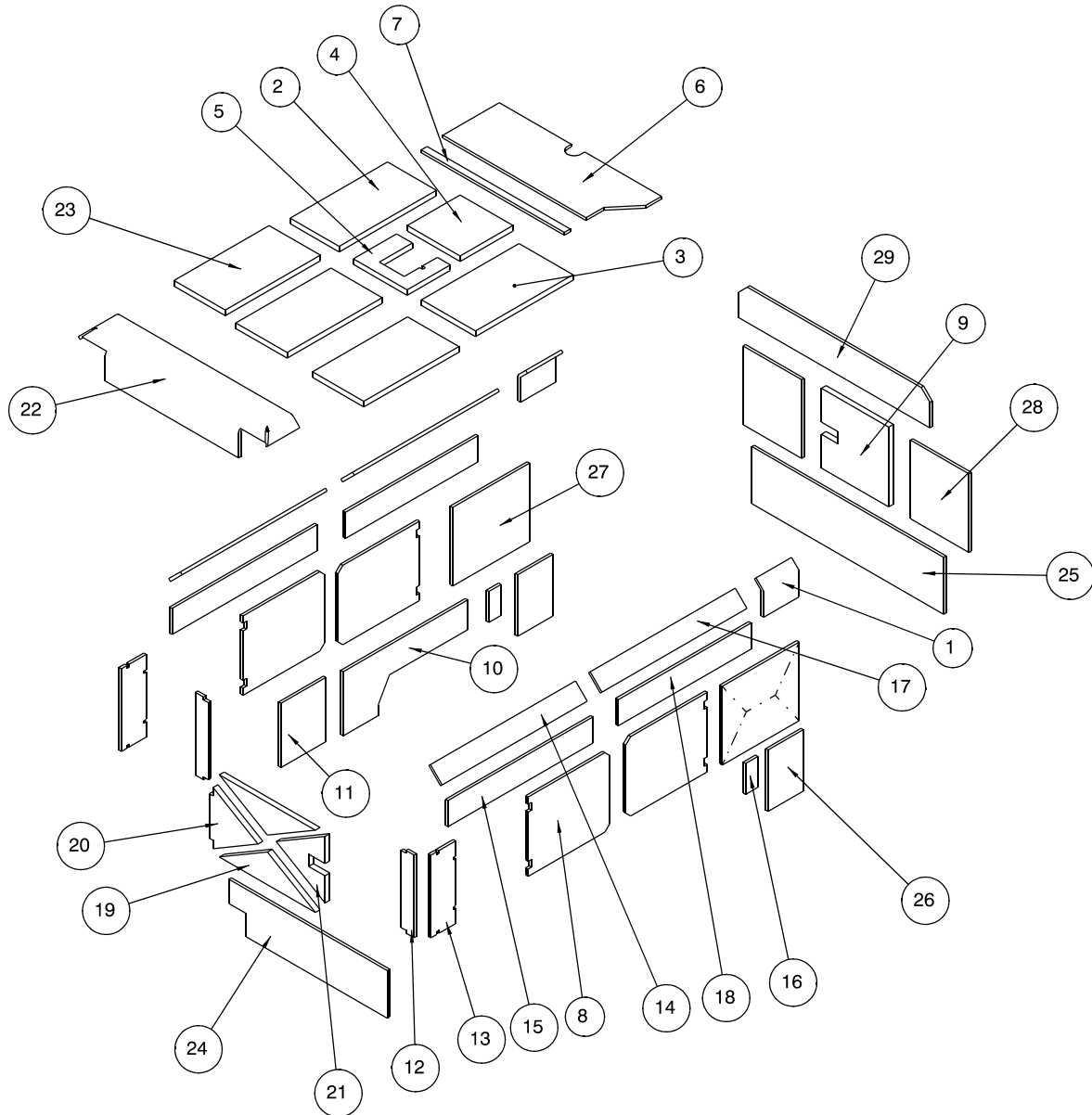
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
18	54443213	Spring, Gas	4	Continued
19	22669980	Air Duct	1	
20	89288757	Lock	4	
21	22122956	Panel, (SRG)	1	
	22180509	Panel, (HSRG)	1	
22	22122998	Panel, (SRG)	1	
	22180491	Panel, (HSRG)	1	
23	22122998	Panel, (SRG)	1	
	22180491	Panel, (HSRG)	1	
24	92922863	Catch (Male) CE & HA	3	
25	92922856	Catch (Female)	2	
26	22740385	Baffle (No Aftercooler)	1	
27	22123335	Baffle	3	
28	22104756	Bolt, Eye	1	
29	89297618	Spacer	2	
30	92799840	Spring	1	
31	92042241	Washer, Nylon	1	
32	92304559	Locknut	1	
33	22184899	Panel, Left	1	
34	22740385	Baffle	1	
35	54722152	Cover	1	
36	22432850	Cover (SRG)	1	

Enclosure Intake Duct Assembly



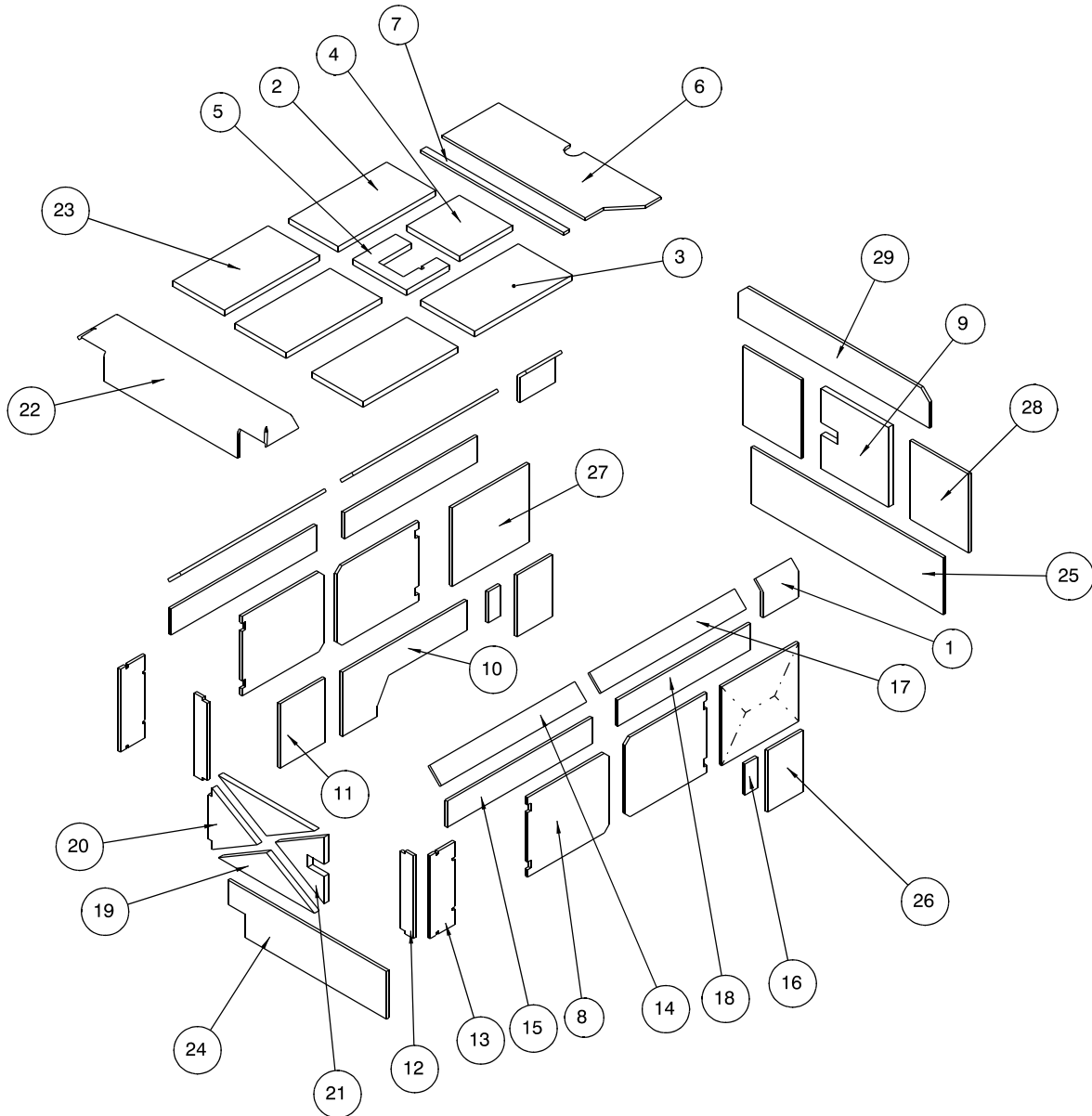
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22871750	Intake Duct	1	
2	22889513	Foam	1	
3	22889430	Foam	1	
4	22885776	Support, Bracket	1	
5	22872782	Baffle, Internal	1	
6	22872808	Cover	1	
7	22147045	Foam	1	

STRG Exterior Foam



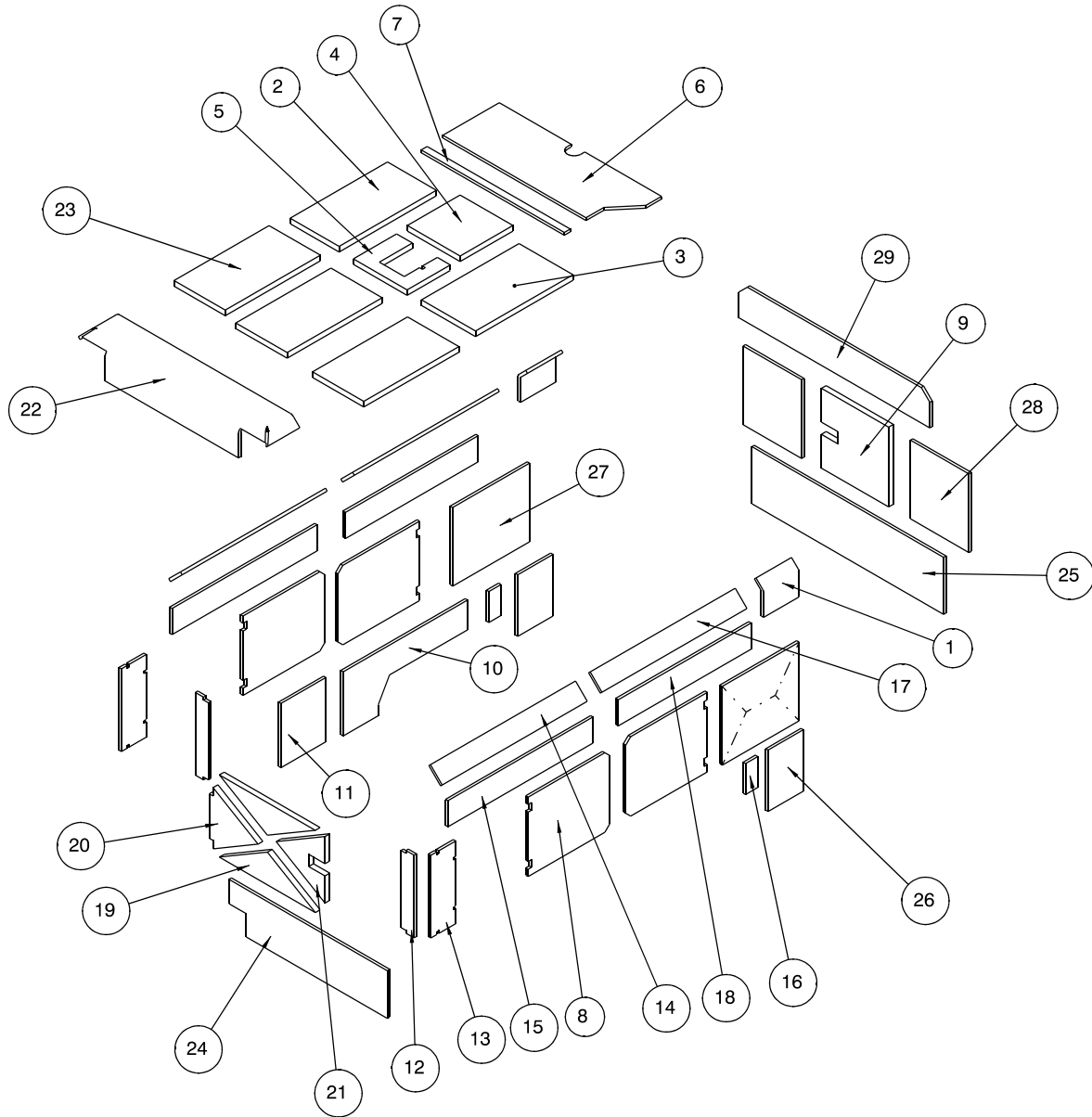
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	
2	22110852	Foam	1	
3	22110860	Foam	1	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22124218	Foam	1	
10	22146989	Foam	1	
11	22147029	Foam	1	
12	22147219	Foam	2	
				Continued.....

STRG Exterior Foam



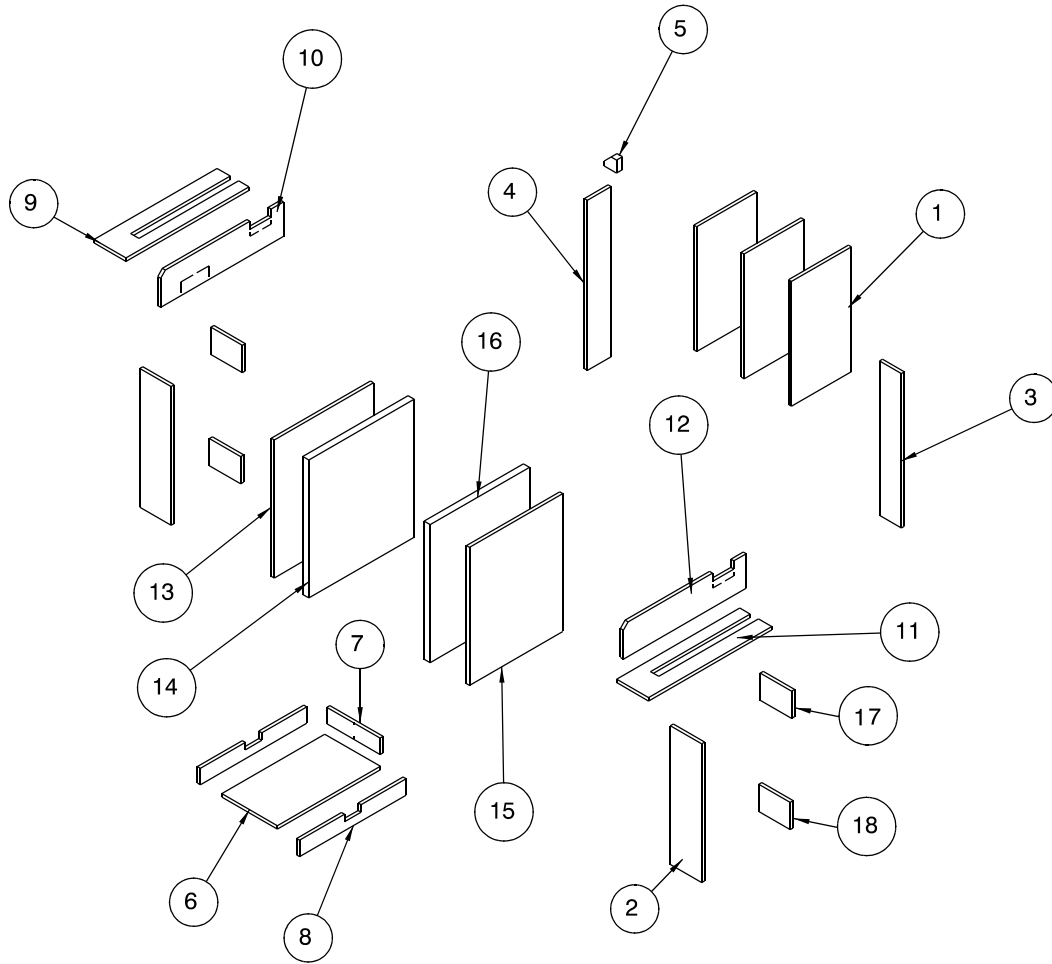
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
13	22147227	Foam	2	Continued
14	22148357	Foam	2	
15	22148365	Foam	2	
16	22149119	Foam	2	
17	22149207	Foam	2	
18	22149355	Foam	2	
19	22265839	Foam	2	
20	22265847	Foam	1	
21	22265854	Foam	1	
22	22752133	Foam	1	
23	22857940	Foam	3	
24	54375845	Foam	1	
			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

STRG Exterior Foam



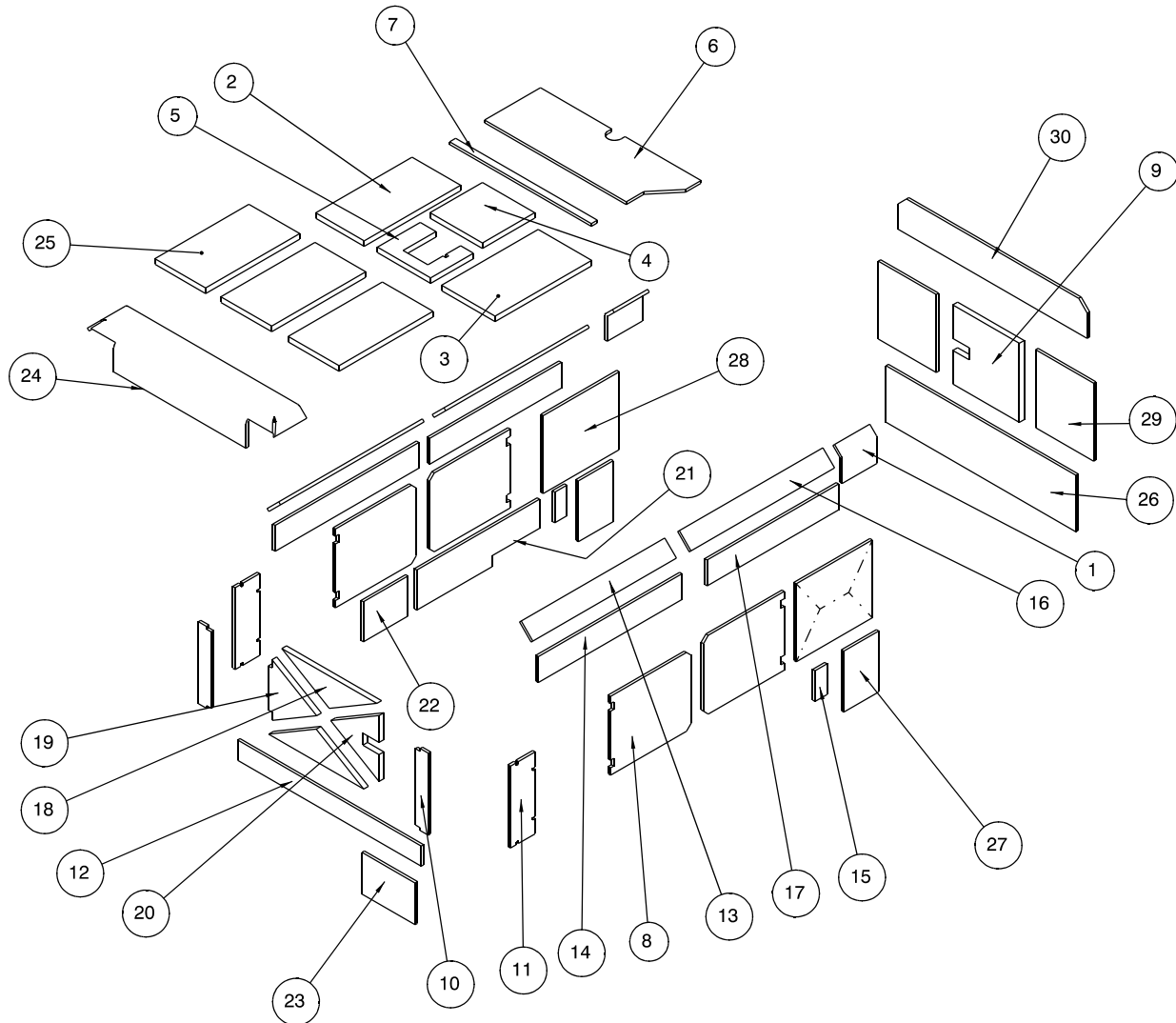
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
25	89286041	Foam	1	 <i>Continued</i>
26	89286058	Foam	2	
27	89286157	Foam	2	
28	89286165	Foam	2	
29	89286306	Foam	1	

STRG Interior Foam



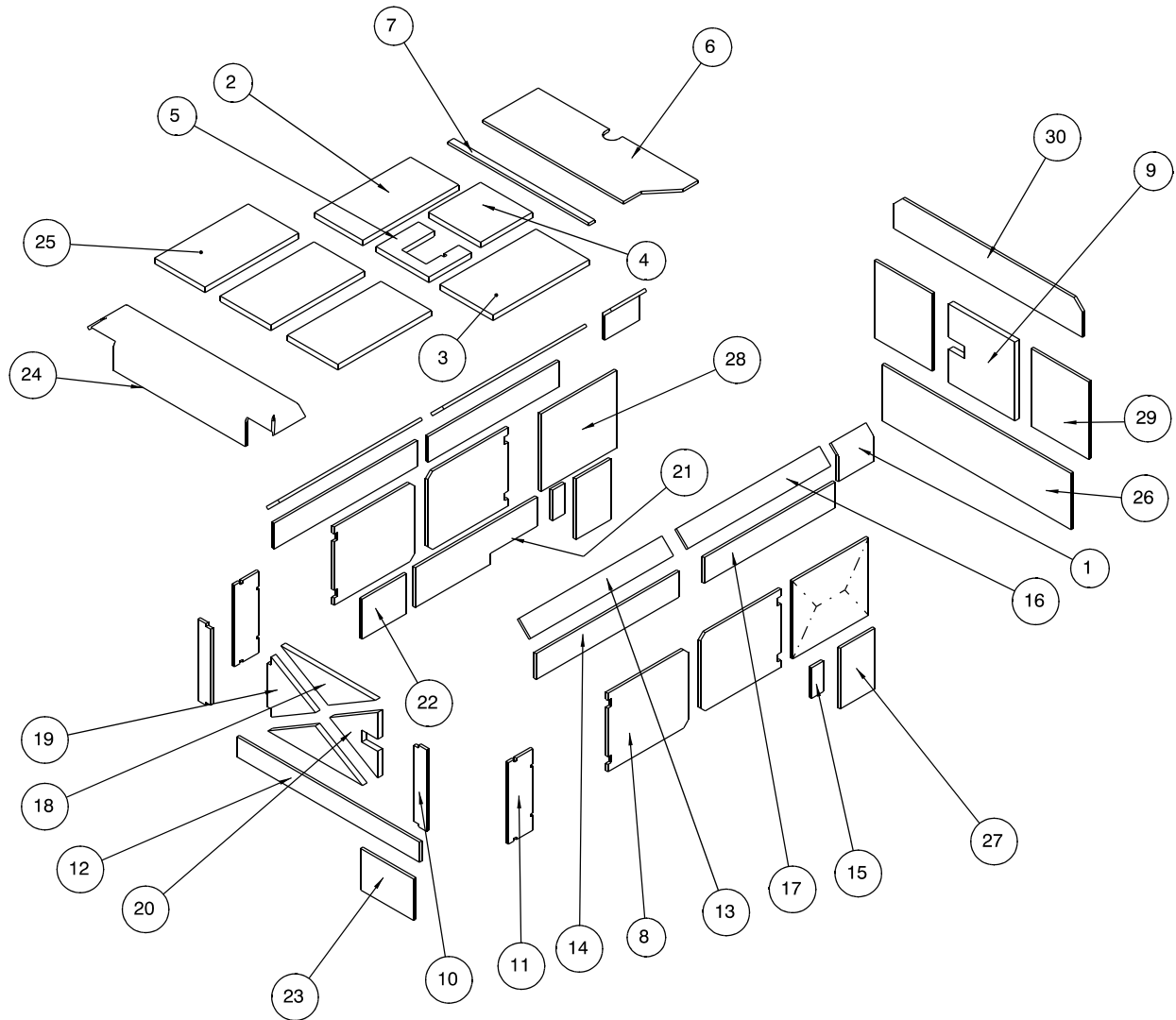
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056188	Foam	3	
2	22147045	Foam	2	
3	22148894	Foam	1	
4	22265748	Foam	1	
5	22267330	Foam	1	
6	22306674	Foam	1	
7	22306690	Foam	1	
8	22441935	Foam	2	
9	22669964	Foam	1	
10	22669972	Foam	1	
11	22671424	Foam	1	
12	22671432	Foam	1	
13	22740450	Foam	1	
14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

HSRG Exterior Foam



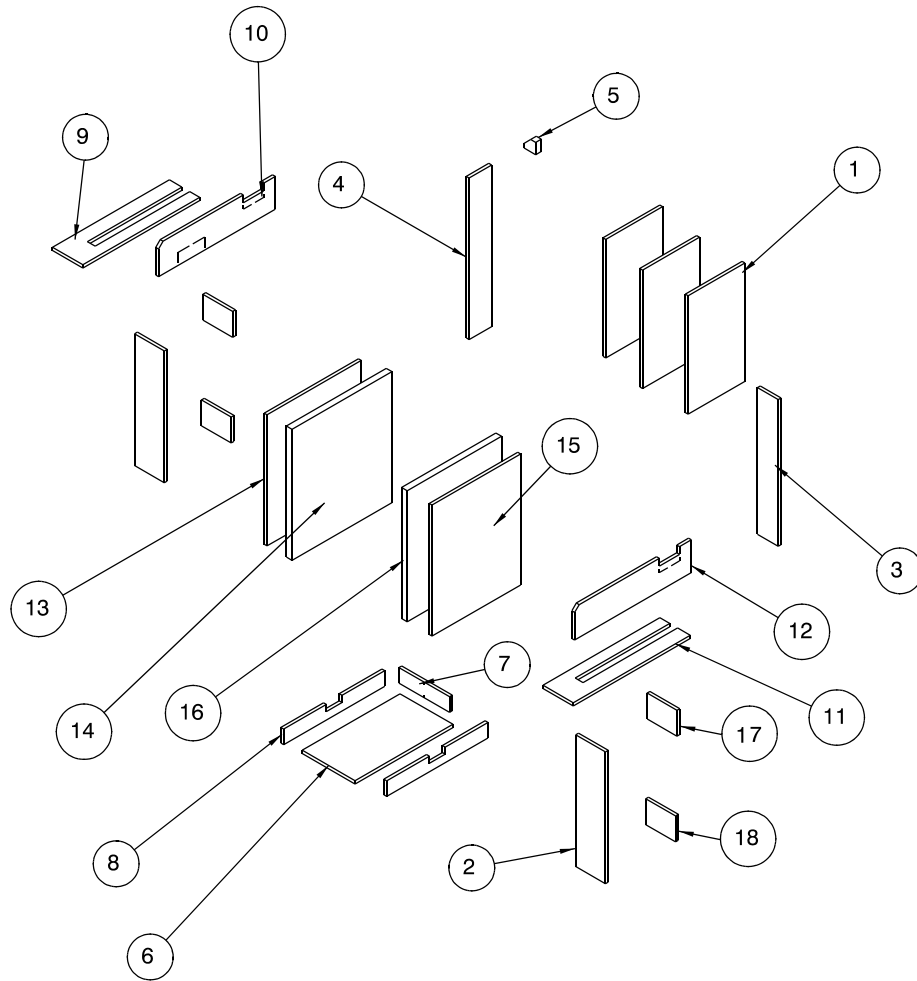
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22056212	Foam	2	
2	22110852	Foam	1	
3	22110860	Foam	1	
4	22110878	Foam	1	
5	22110886	Foam	1	
6	22111439	Foam	1	
7	22111447	Foam	1	
8	22111454	Foam	4	
9	22124218	Foam	1	
10	22147219	Foam	2	
11	22147227	Foam	2	
12	22147425	Foam	1	
13	22148357	Foam	2	
14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

HSRG Exterior Foam



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

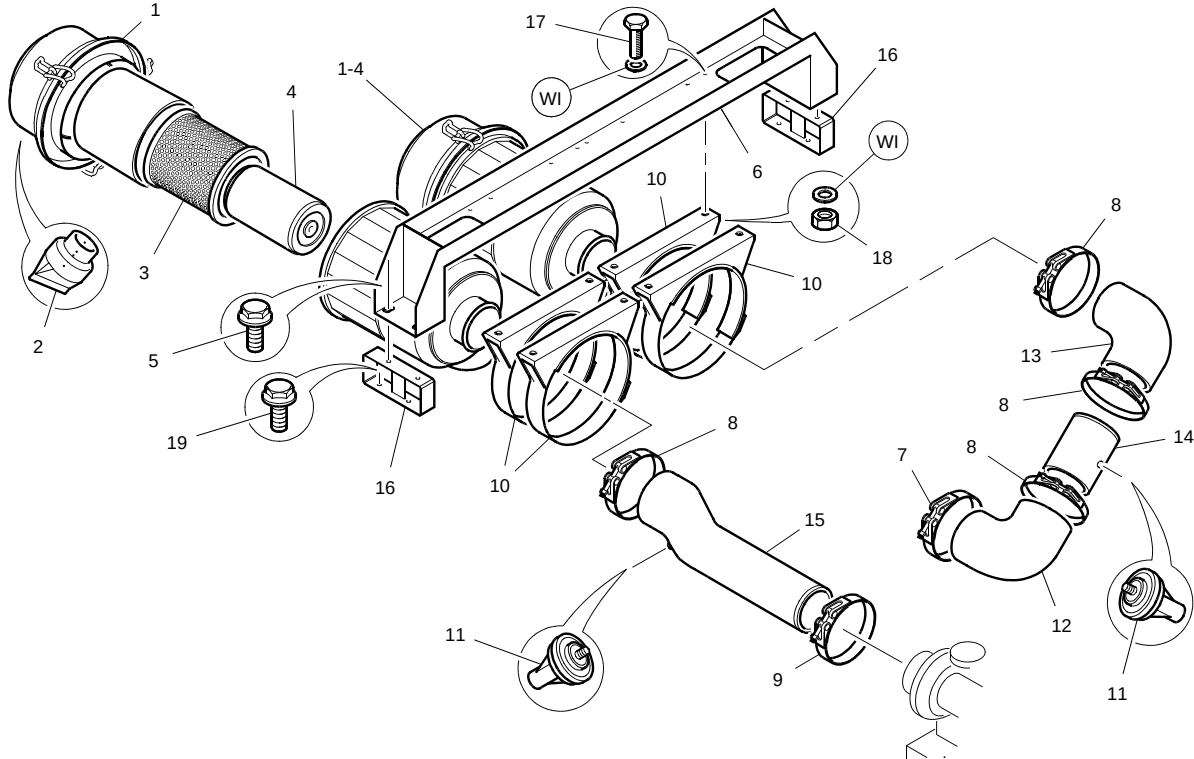
HSRG Interior Foam



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

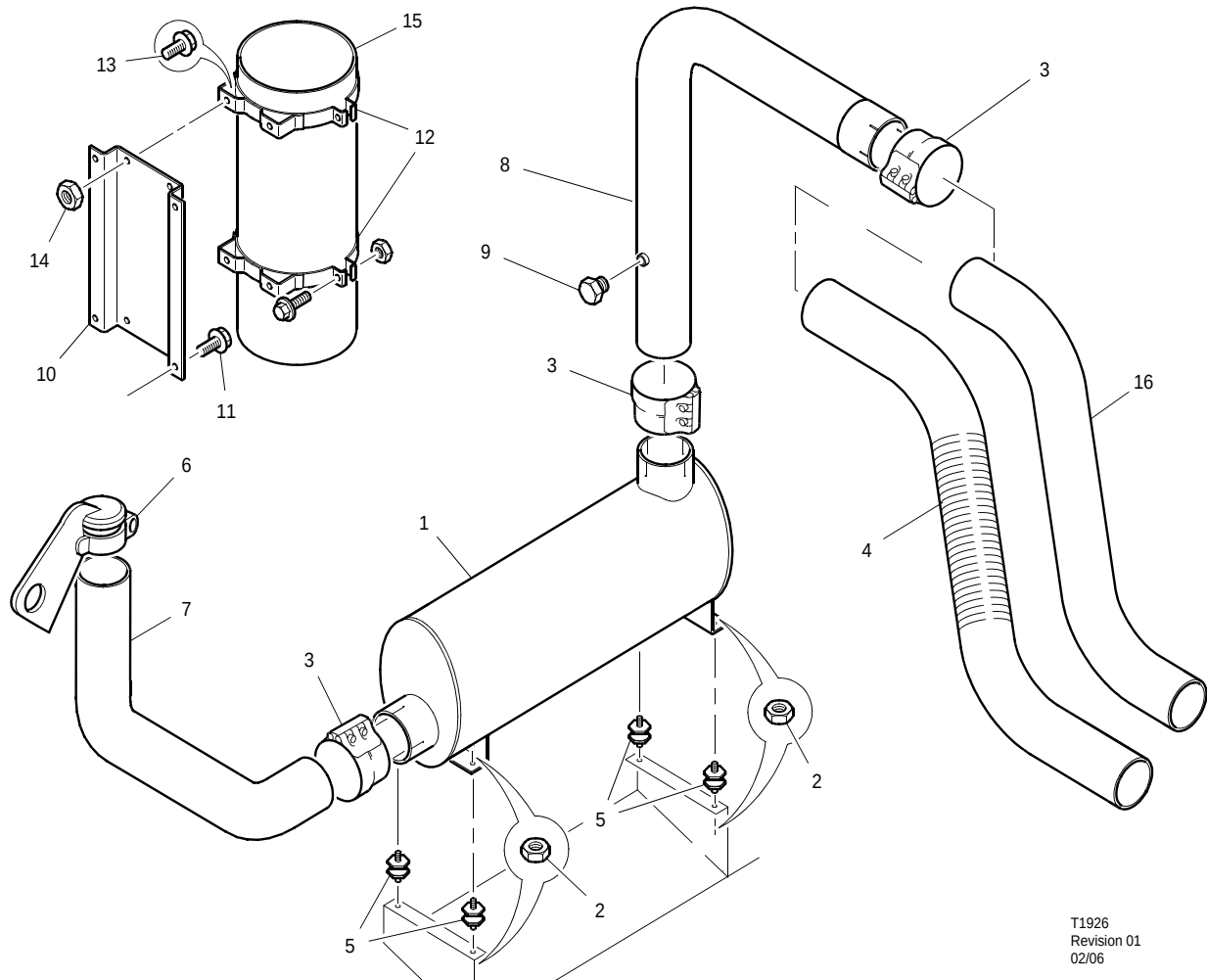
Air Intake System

MHP825, HP915, XP1000



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	22348064	Bracket	2	
17	35271170	Screw	8	
18	36881886	Nut	8	
19	36889608	Screw	4	

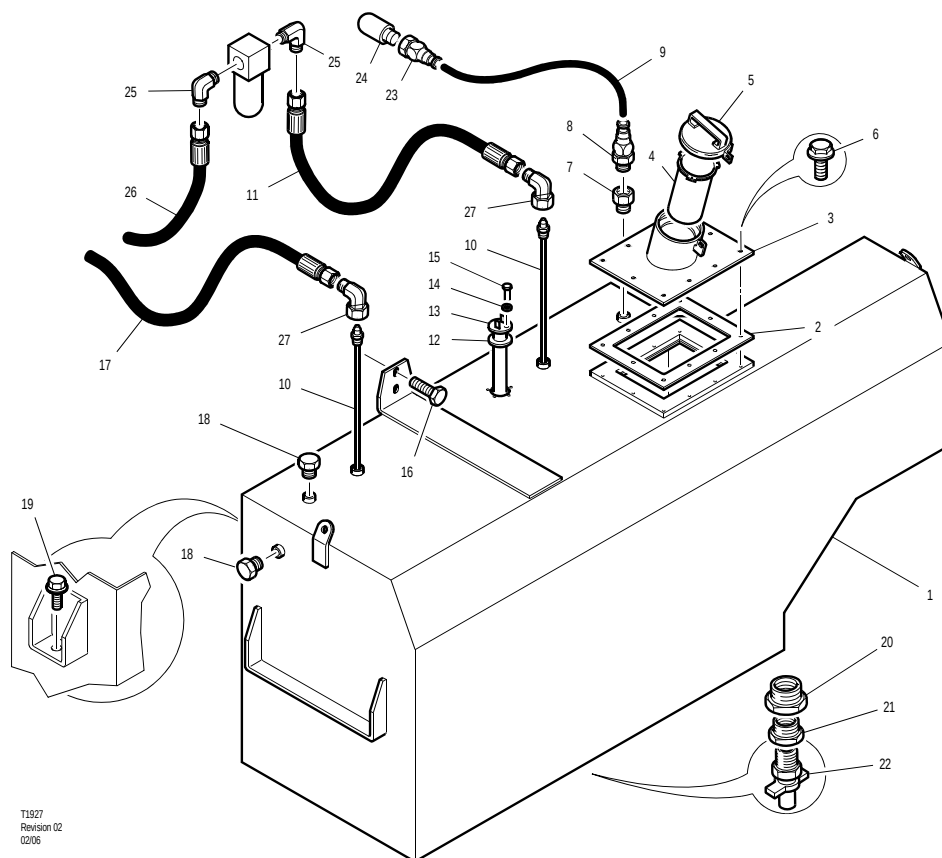
Engine Exhaust System



T1926
Revision 01
02/06

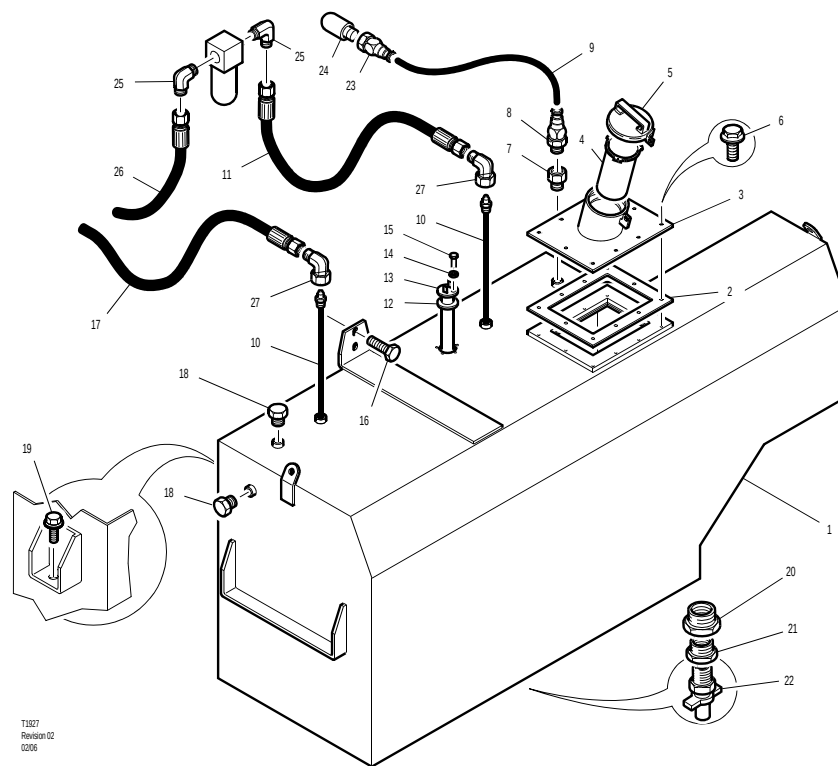
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22134175	Silencer	1	
2	36881886	Nut	8	
3	35307131	Clamp	3	
4	22082192	Connector, Flexible	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22321368	Pipe	1	
8	22134167	Pipe	1	
9	95928255	Plug	1	
10	22321475	Bracket	1	
11	35279025	Screw	4	
12	36787026	Band, Mounting	2	
13	36889608	Screw	4	
14	36881886	Nut	4	
15	36787034	Tube	1	
16	22756456	Wrap, Exhaust	1	

Fuel System



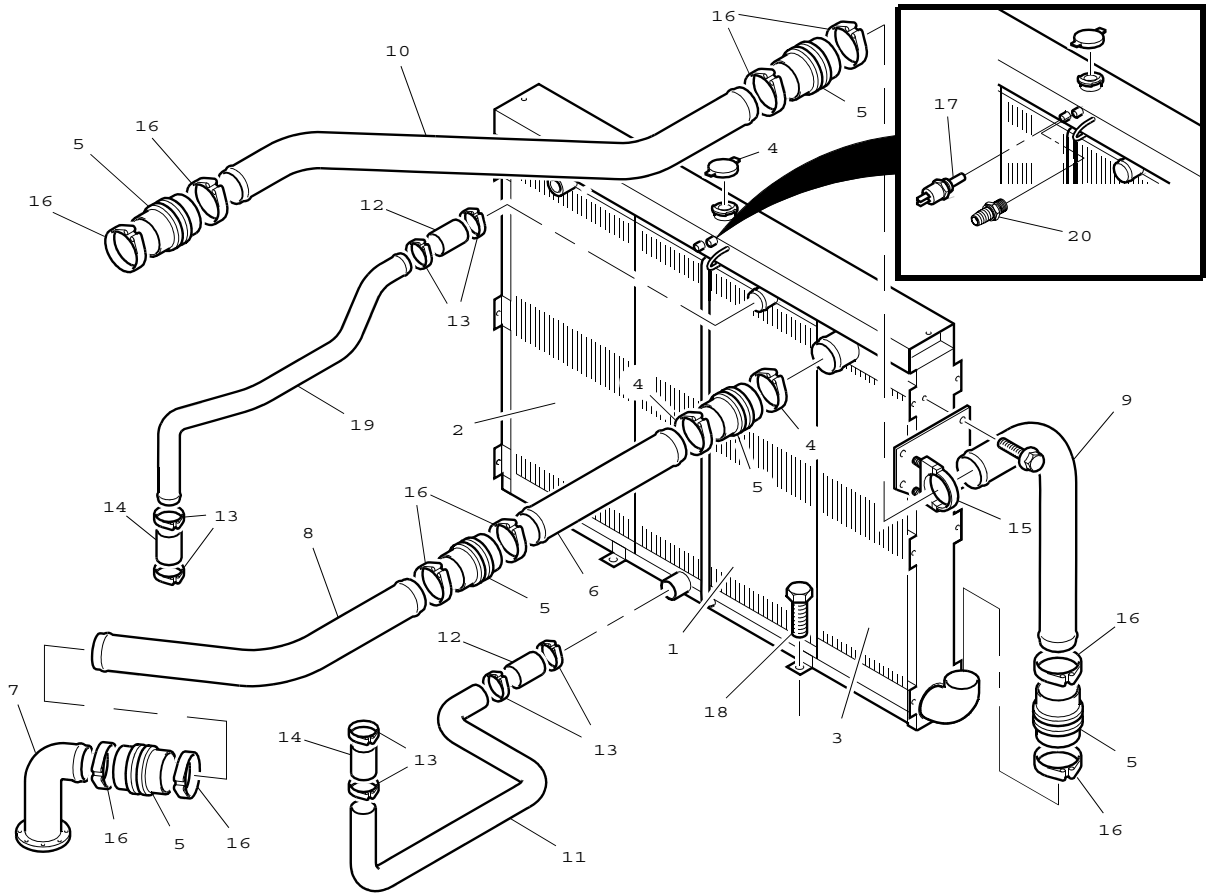
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-22	--	Fuel Tank Assembly	1	
1	22183990	Tank, Fuel, (SRG)	1	
	22279566	Tank, Fuel, (HSRG)	1	
2	89287346	Gasket	1	
3	--			
4	36845022	Filter, Fuel	1	
5	36845014	Cap, Fuel Filler	1	
6	96701958	Screw	10	
7	35316348	Adaptor	1	
8	35369347	Adaptor	1	
9	35356484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

Fuel System



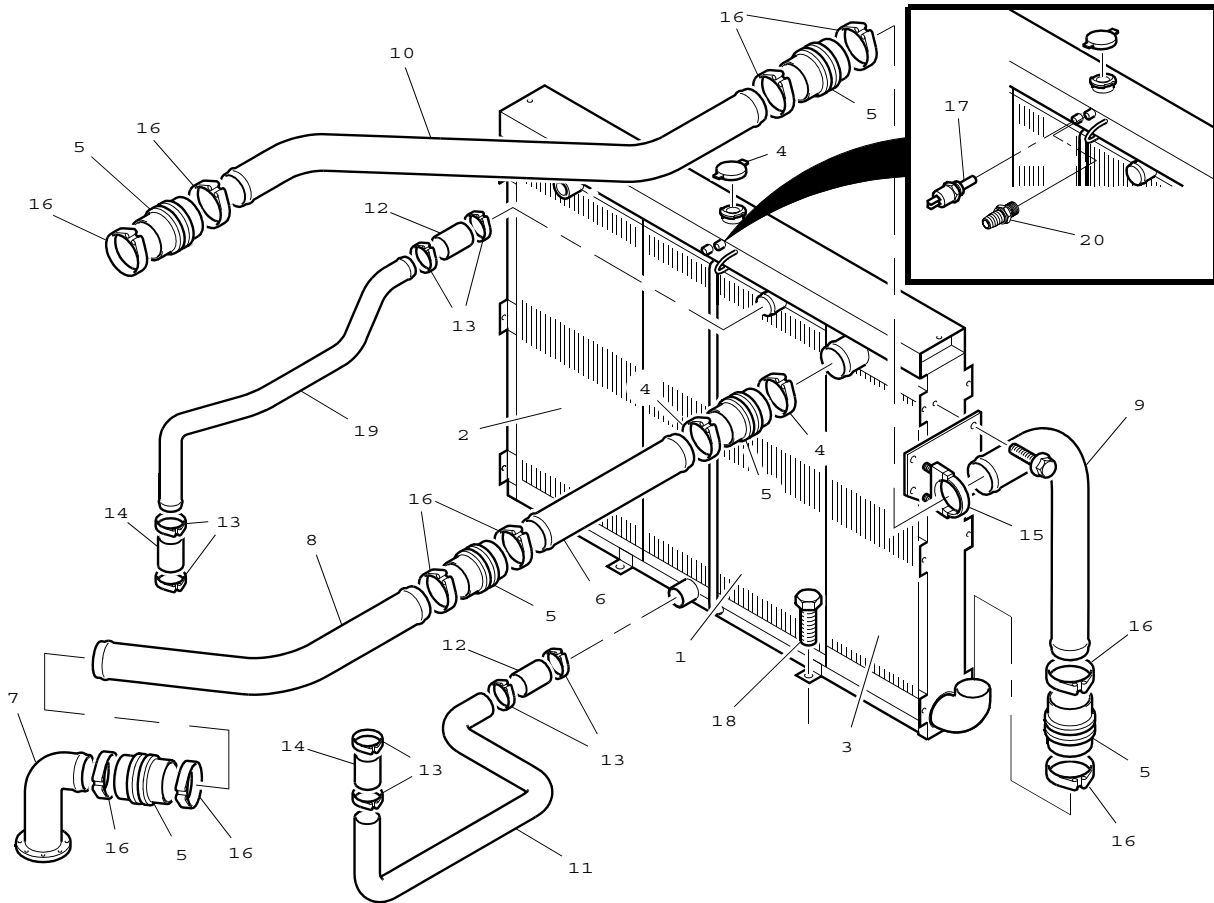
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
11	35283308	Hose Assembly	1	Continued
12	35361849	Gasket	1	
13	22094759	Sender Unit, Fuel Gauge, (SRG)	1	
	22155451	Sender Unit, Fuel Gauge, (HSRG)	1	
14	92272756	Lock Washer	AR	
15	92096031	Screw	AR	
16	36888055	Screw	2	
17	35283506	Hose Assembly	1	
18	95949491	Plug	2	
19	36888055	Screw	2	
20	32580510	Adaptor	1	
21	95333274	Reducer	1	
22	30641278	Cock, Drain	1	
23	35369339	Connector	1	
24	35322395	Silencer	1	
25	35286442	Elbow	2	
26	35306679	Hose Assembly	1	
27	35287911	Elbow	2	

Cooling System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-4	22782908	Radiator & Cooler Assembly (MHP825, HP915, XP1000)		
1	89299861	Radiator	1	
2	22126197	Cooler, Oil	1	
3	22782916	Cooler, Charge	1	
4	22782924	Cap, Radiator	1	
1-4	22764583	Radiator & Cooler Assembly (MHP825, HP915, XP1000)		
1	22502678	Radiator	1	
2	22502660	Cooler, Oil	1	
3	22764575	Cooler, Charge	1	
4	22764609	Cap, Radiator	1	
5	54422522	Sleeve	6	Continued.....

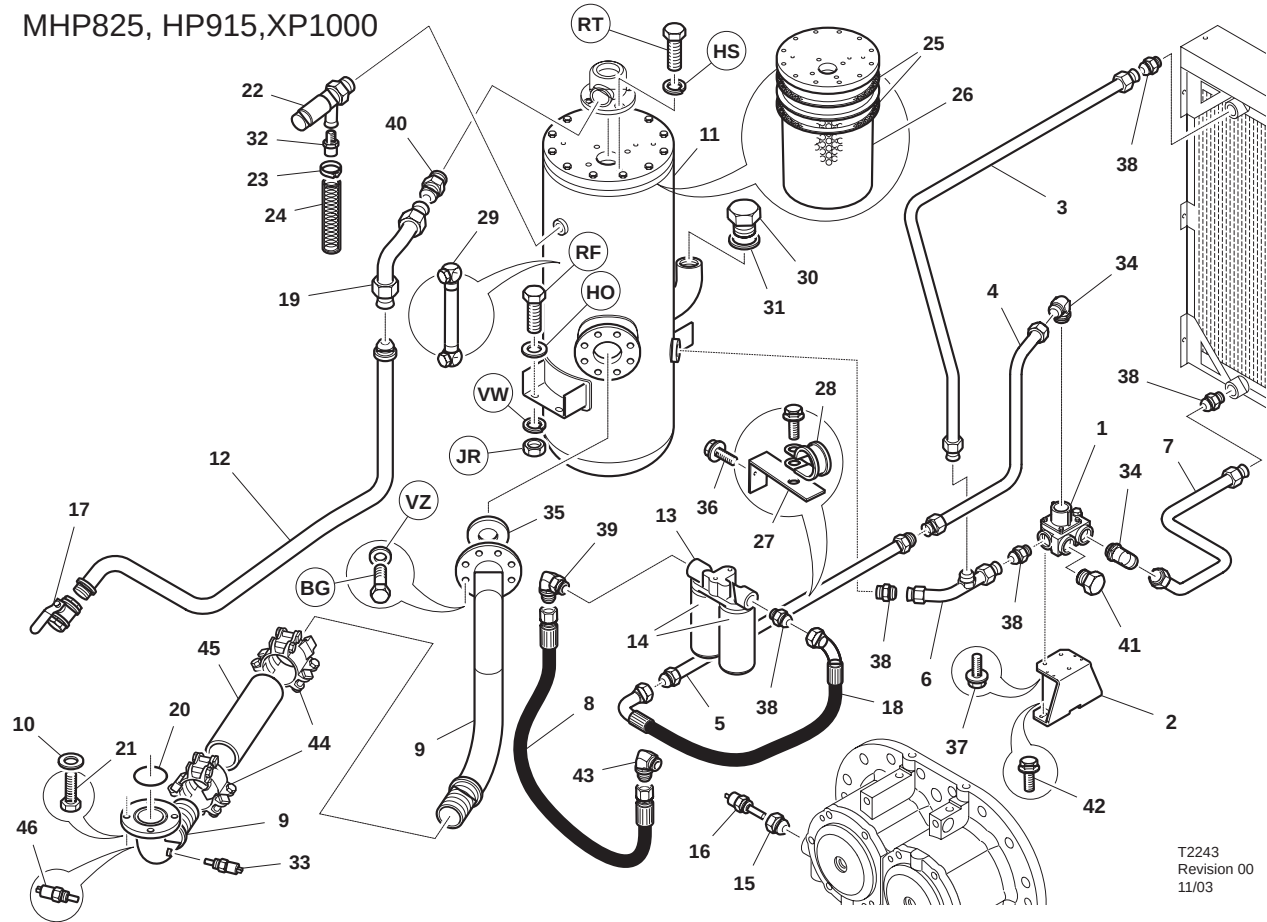
Cooling System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
6	22080857	Tube	1	Continued
7	--	Flange, Engine	1	
8	22079628	Tube	1	
9	22697270	Tube	1	
10	22697262	Tube	1	
11	22079644	Tube	1	
12	35330570	Connector	2	
13	35222017	Clamp	8	
14	22126460	Connector	2	
15	35111731	Clamp	1	
16	54444427	Clamp	10	
17	22769186	Sensor, Coolant Level	1	
18	36877793	Screw	4	
19	22079636	Tube	1	
20	35363662	Adapter, Barbed	1	

Oil/Air Piping

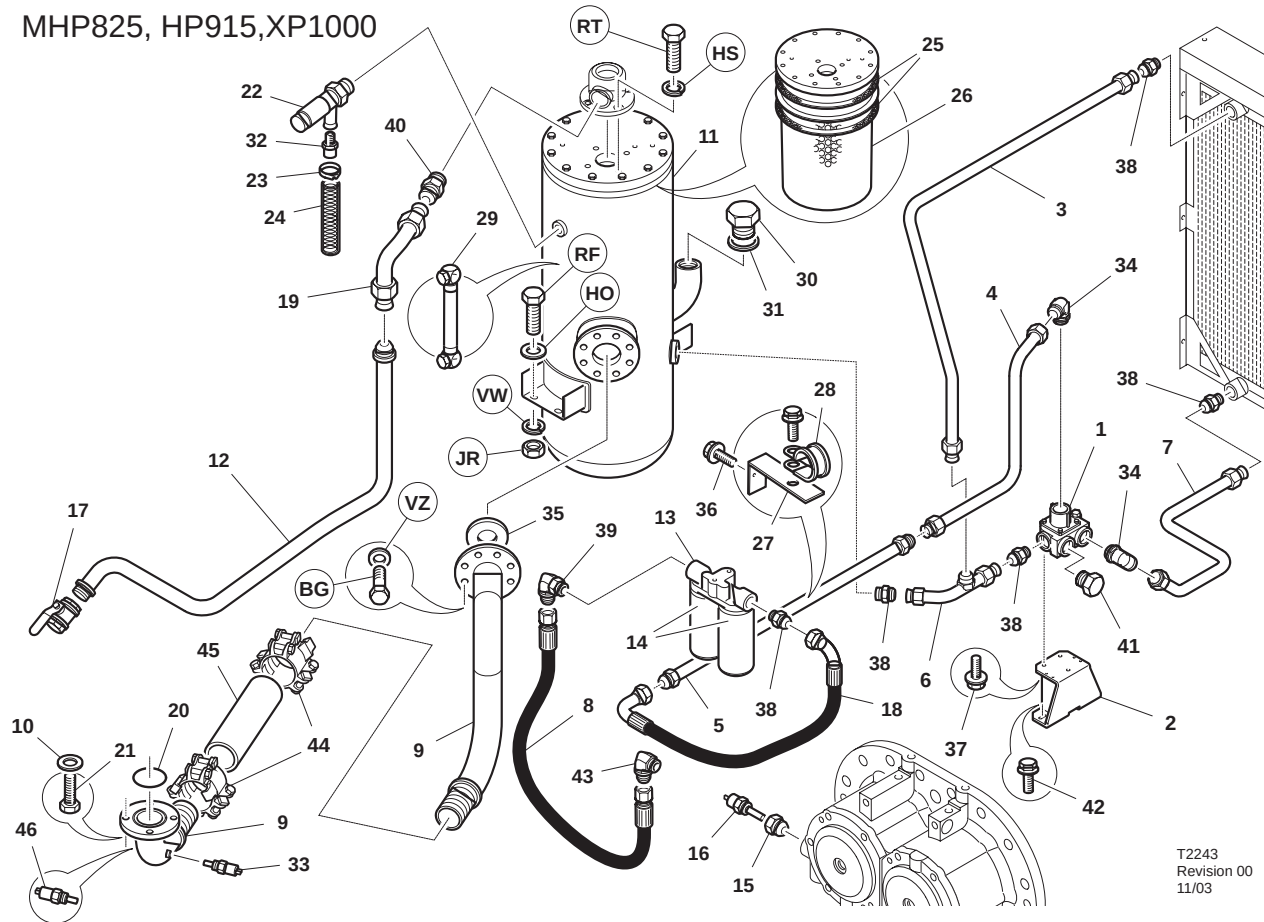
MHP825, HP915,XP1000



T2243
Revision 00
11/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36893824	Valve, Thermostatic	1	
2	22141196	Bracket	1	
3	22139752	Tube Assembly	1	
4	22138721	Tube Assembly	1	
5	54709928	Tube Assembly	1	
6	22138259	Tube Assembly	1	
7	22137939	Tube Assembly	1	
8	36890650	Hose Assembly	1	
9	22130801	Pipe	1	
10	95939741	Washer	4	
11	22416028	Tank, Separator	1	
12	22332605	Tube Assembly	1	
13	36756120	Filter Assembly	1	
14	36860336	Element	2	
15	22246722	Adaptor	1	Continued.....

Oil/Air Piping

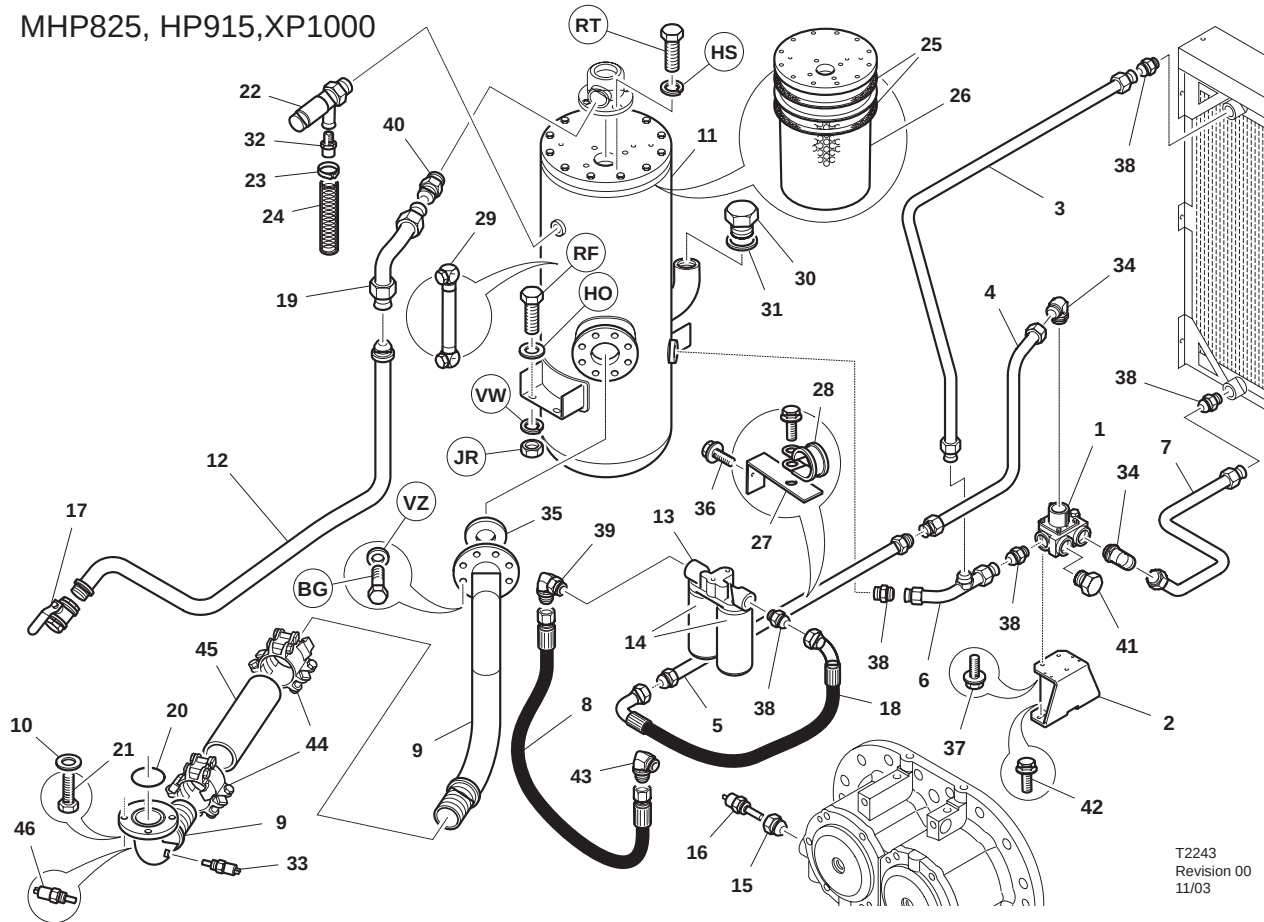


T2243
Revision 00
11/03

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES	
16	36757581	Switch, Oil Pressure	1	 Continued	
17	35602473	Valve, Ball	1		
18	89299424	Hose Assembly	1		
19	54576038	Tube Assembly	1		
20	95022380	O-Ring	1		
21	35375385	Screw	4		
22	22372528	Valve, Safety	1		
23	35192178	Clamp, Saddle	1		
24	22599740	Tube (STRG)	1		
	22599591	Tube (HSRG)	1		
25	89304067	Gasket	2		
26	89285761	Element with Gaskets	1		
27	22123491	Bracket	1		
28	92898576	Clip, Retaining	1		
29	92095363	Gauge, Oil Level	1		
30	35579630	Cap	1		Continued.....

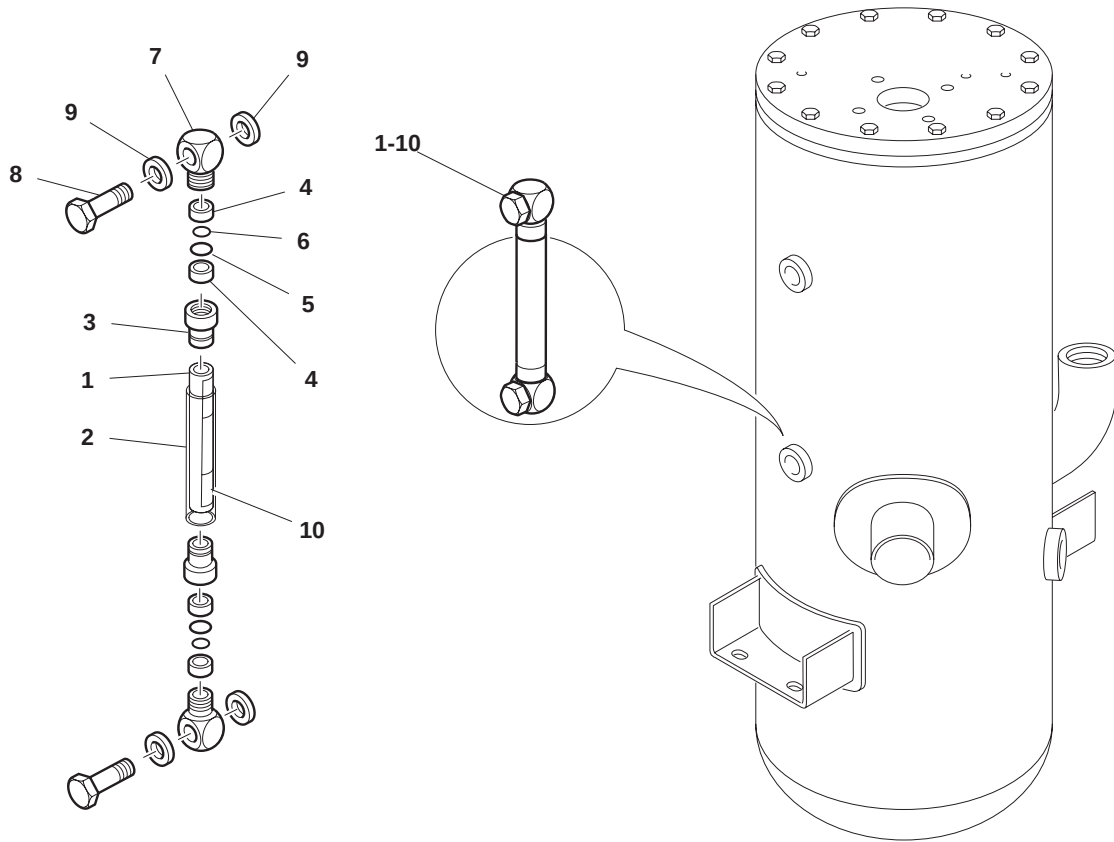
Oil/Air Piping

MHP825, HP915, XP1000



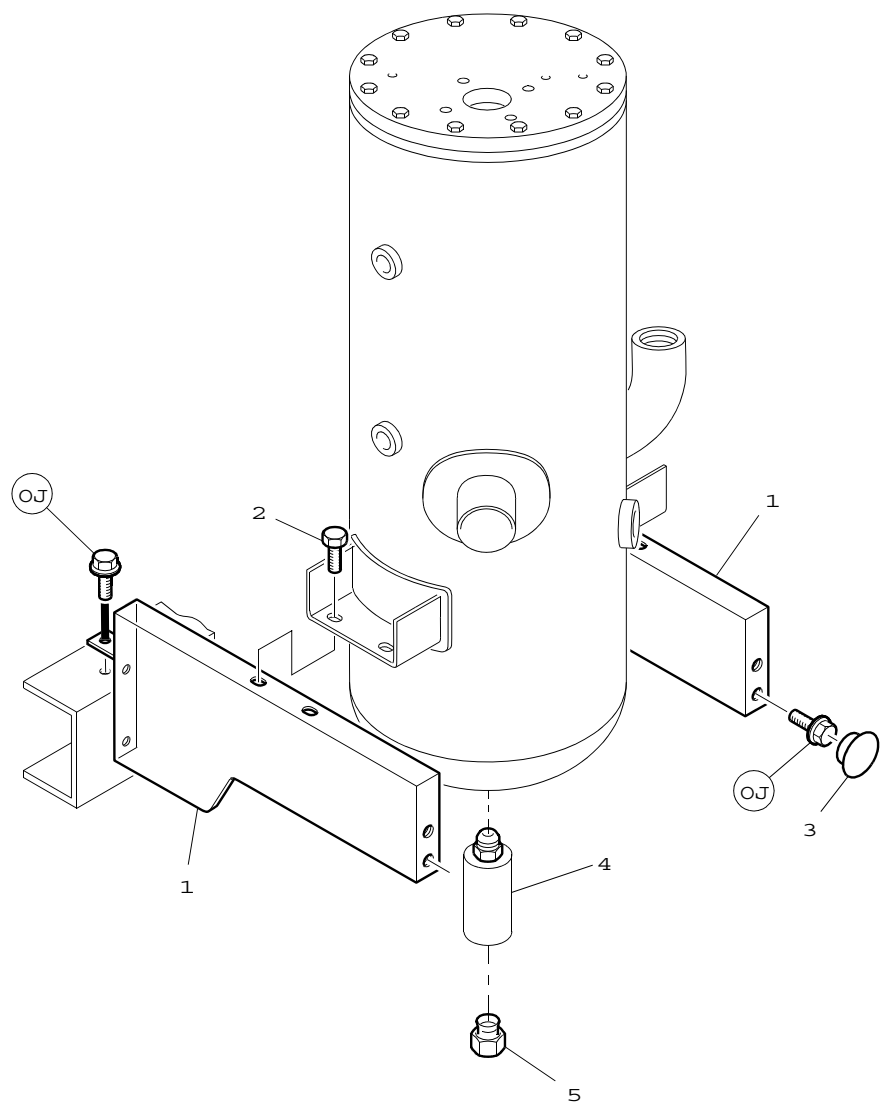
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	35279942	O-Ring	1	Continued
32	36764389	Nipple	1	
33	36898922	Sensor, Temperature	1	
34	95431292	Elbow	2	
35	39487830	Gasket	1	
36	35279025	Screw	2	
37	95934543	Screw	3	
38	35296409	Adaptor	5	
39	95431292	Elbow	1	
40	95371241	Adaptor	1	
41	95938197	Plug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

Oil/Air Piping



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-10	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	

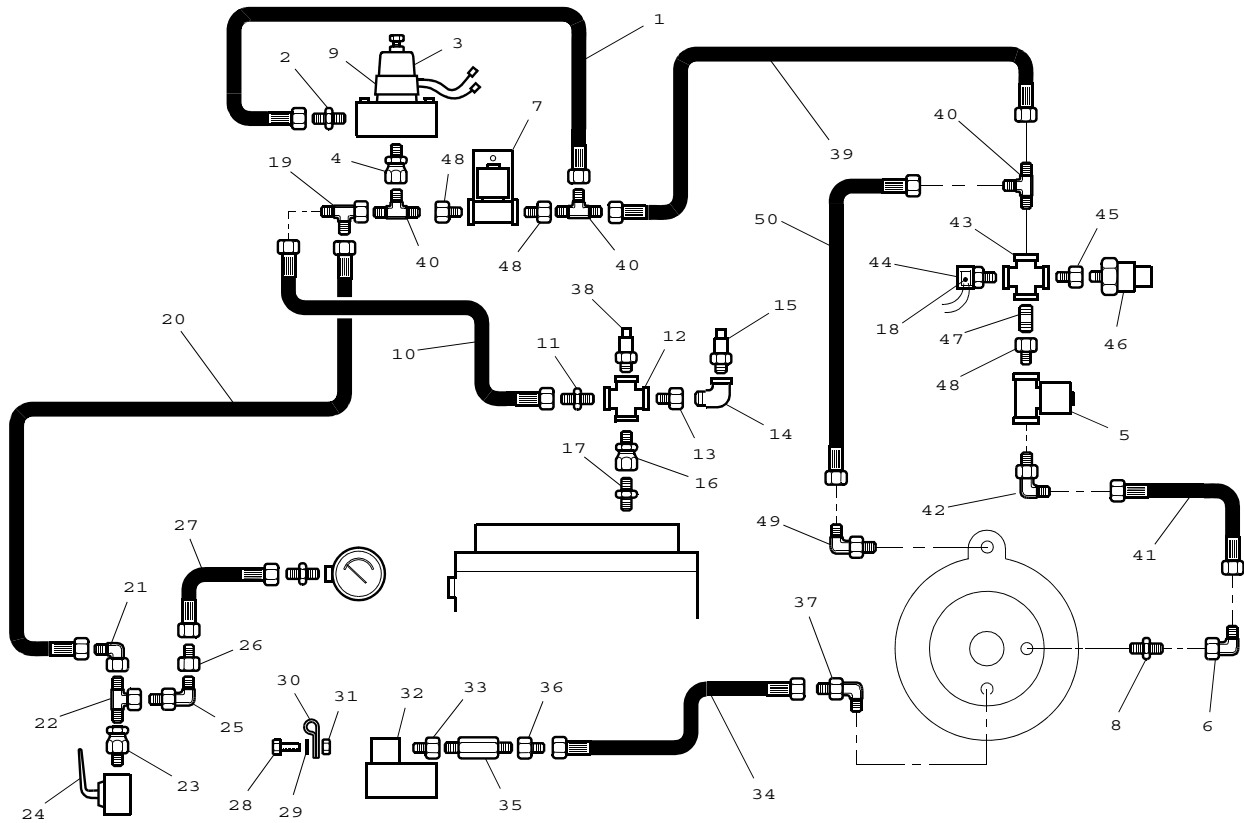
Oil/Air Piping



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

Regulation System

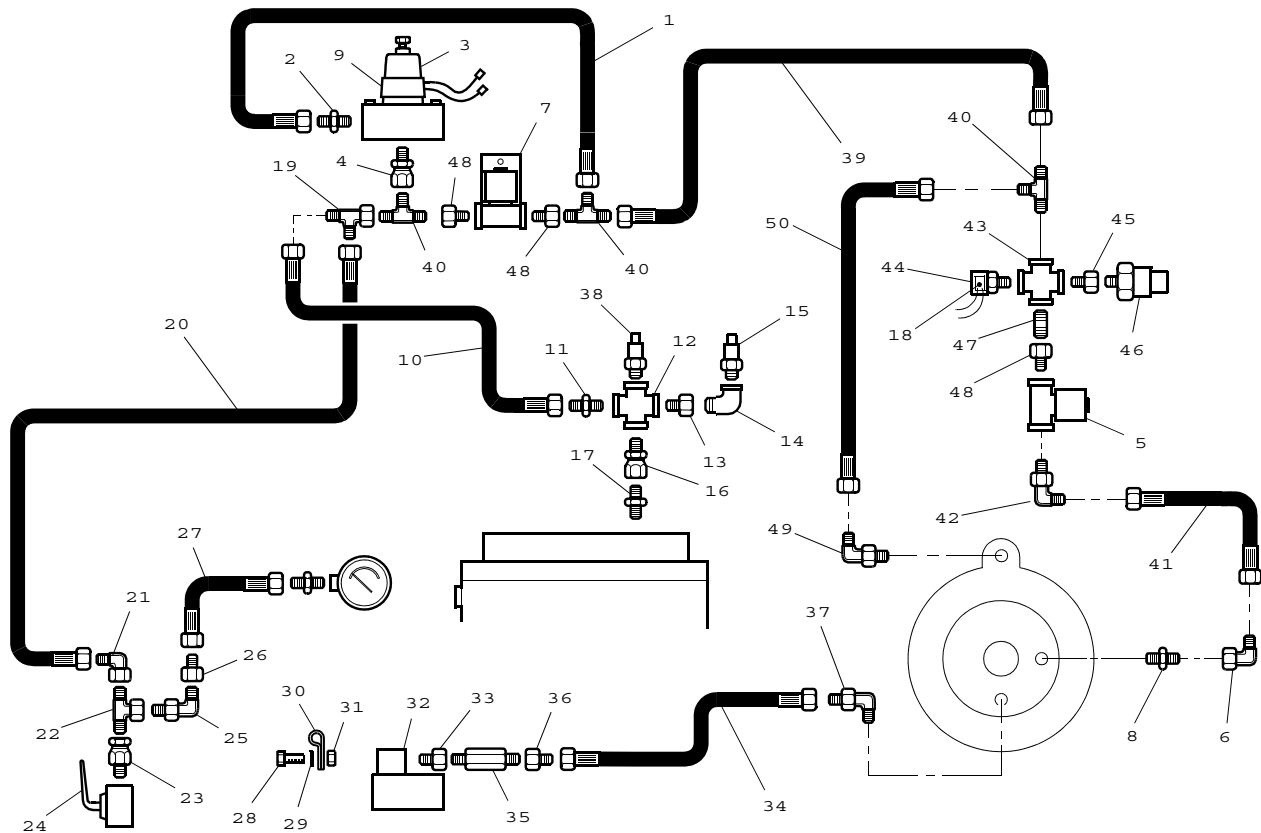
MHP825, HP915, XP1000



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35282946	Hose Assembly	1	<i>Continued.....</i>
2	35284082	Adaptor	1	
3	36896892	Regulator (MHP825, HP915, XP1000)	1	
4	35367846	Adaptor	1	
5	36840841	Valve, Solenoid	1	
6	35283068	Elbow	1	
7	36840841	Valve, Solenoid	1	
8	36840460	Adaptor	1	
9	36854677	Heater	1	
10	35283001	Hose Assembly	1	
11	35290147	Adaptor	1	
12	95659280	Cross	1	
13	95953899	Adaptor	1	
14	95757183	Elbow	1	

Regulation System

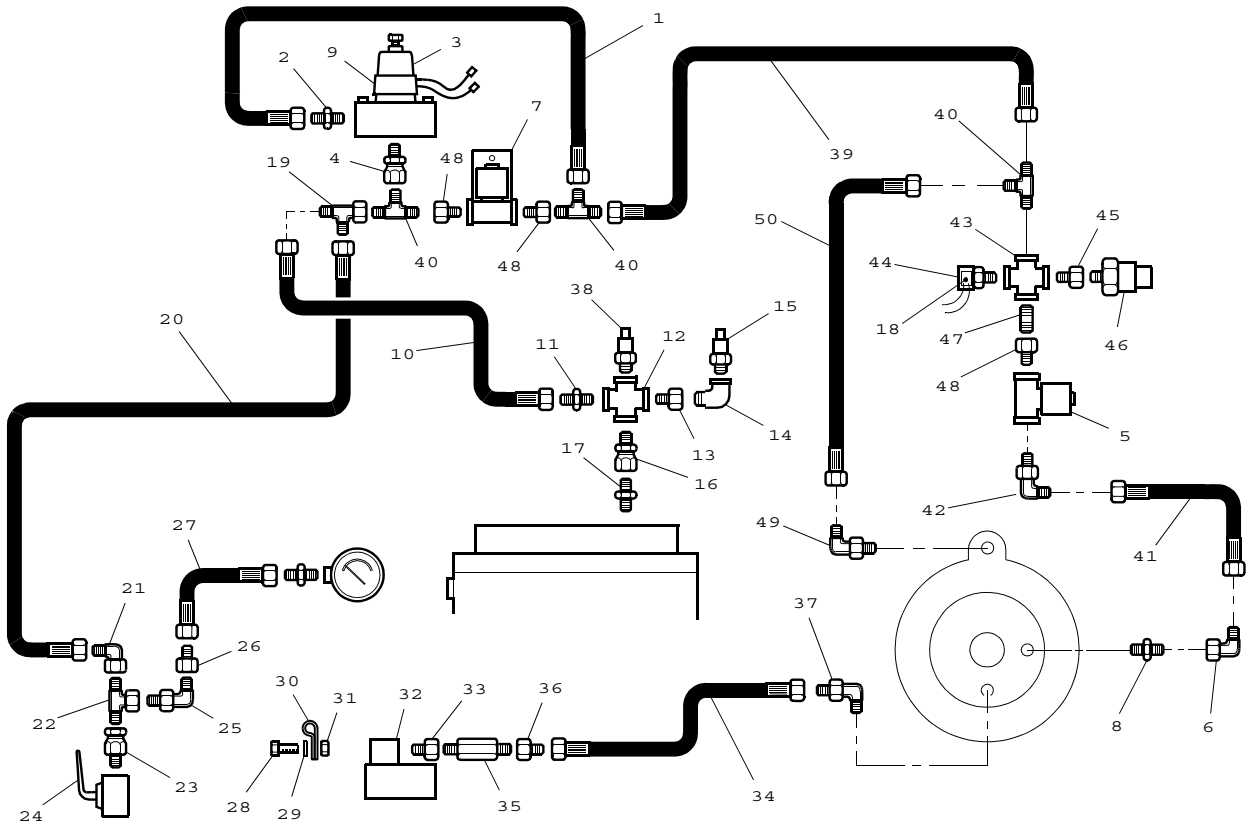
MHP825, HP915, XP1000



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
15	54496773	Transducer, Pressure	1	Continued (0-225psi)
16	35290147	Adaptor	1	
17	92042936	Adaptor	1	
18	36841526	Heater	1	
19	95415667	Tee	1	
20	35283019	Hose Assembly	1	
21	35279827	Elbow	1	
22	35283092	Tee	1	
23	35367846	Adaptor	1	
24	35324839	Valve, Ball	1	
25	36852499	Elbow	1	
26	35306091	Adaptor	1	
27	35283241	Hose Assembly	1	
28	96719869	Screw	2	
29	95935029	Washer	2	
30	35119718	Clip, Hose	2	
31	36898104	Nut	2	
				Continued.....

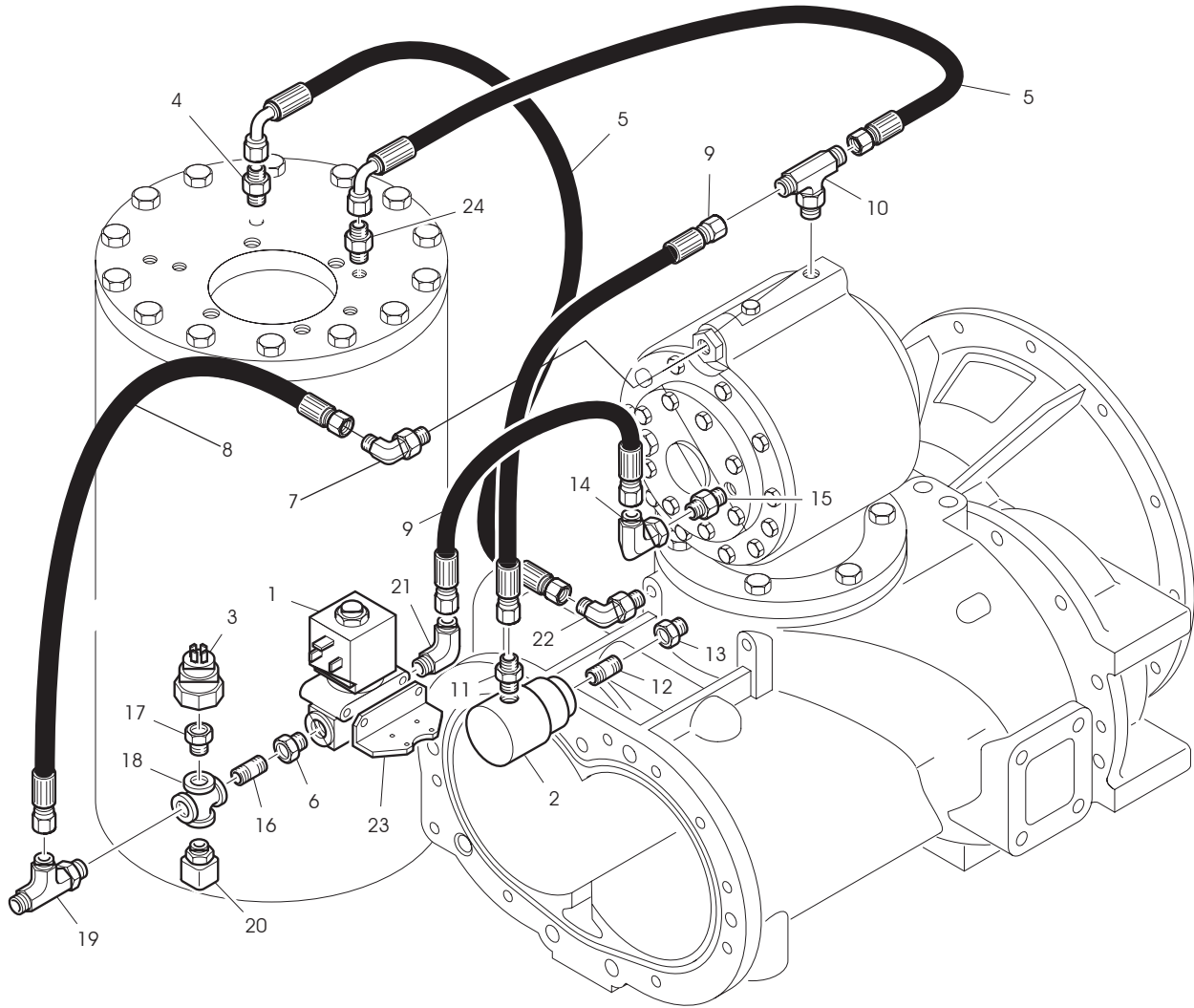
Regulation System

MHP825, HP915, XP1000



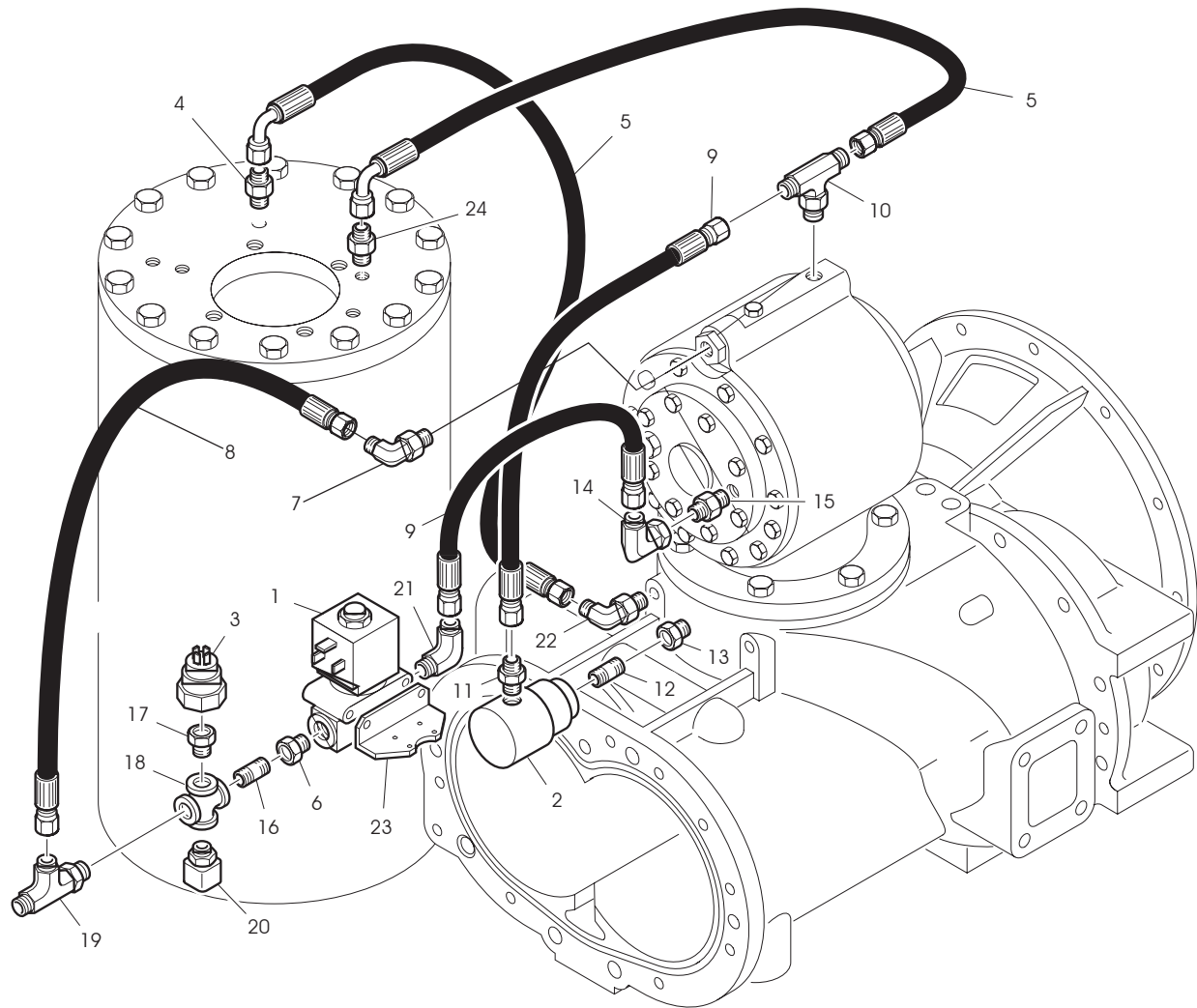
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	36850691	Compressor	1	Continued
33	22246714	Adaptor	1	
34	35283241	Hose Assembly	1	
35	35248145	Valve, Check	1	
36	35294487	Adaptor	1	
37	35283464	Elbow	1	
38	36898922	Sensor, Temperature	1	
39	35284504	Hose Assembly	1	
40	35283050	Tee	3	
41	35323724	Hose Assembly	1	
42	35279926	Elbow	1	(0-100psi)
43	95954293	Cross	1	
44	35322346	Orifice	1	
45	95930301	Adaptor	1	
46	36920825	Transducer, Pressure	1	
47	95944575	Nipple	1	
48	95940748	Adaptor	3	
49	35279827	Elbow	1	
50	35282961	Hose Assembly	1	

Regulation System



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

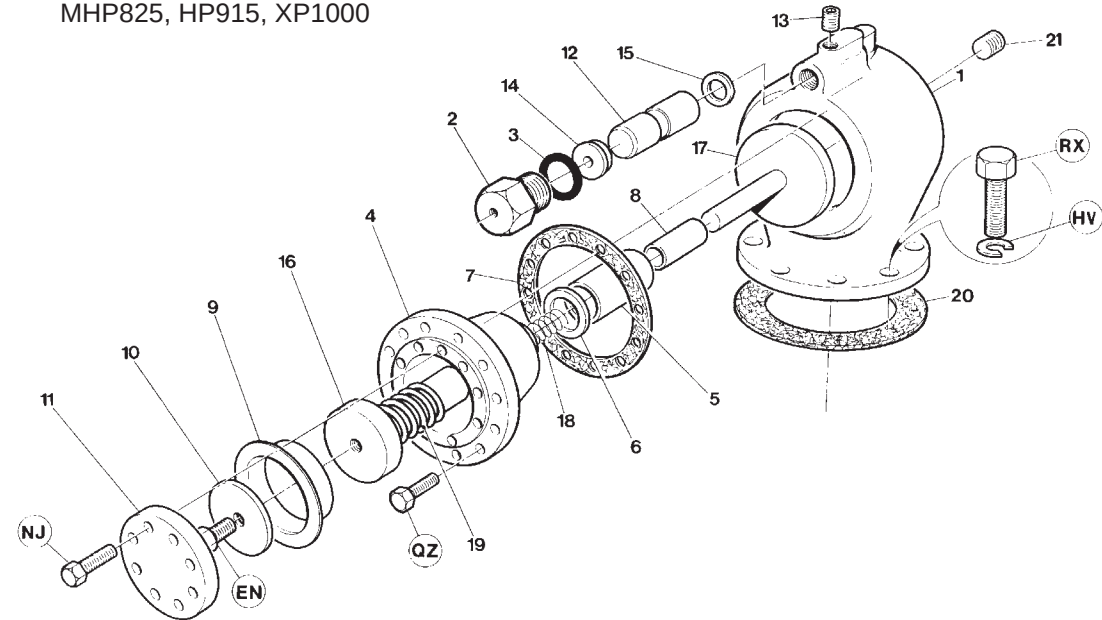
Regulation System



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

Regulation System

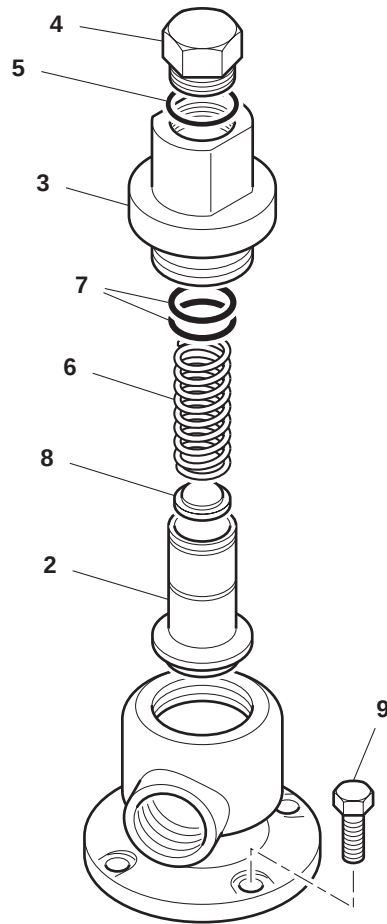
MHP825, HP915, XP1000



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	

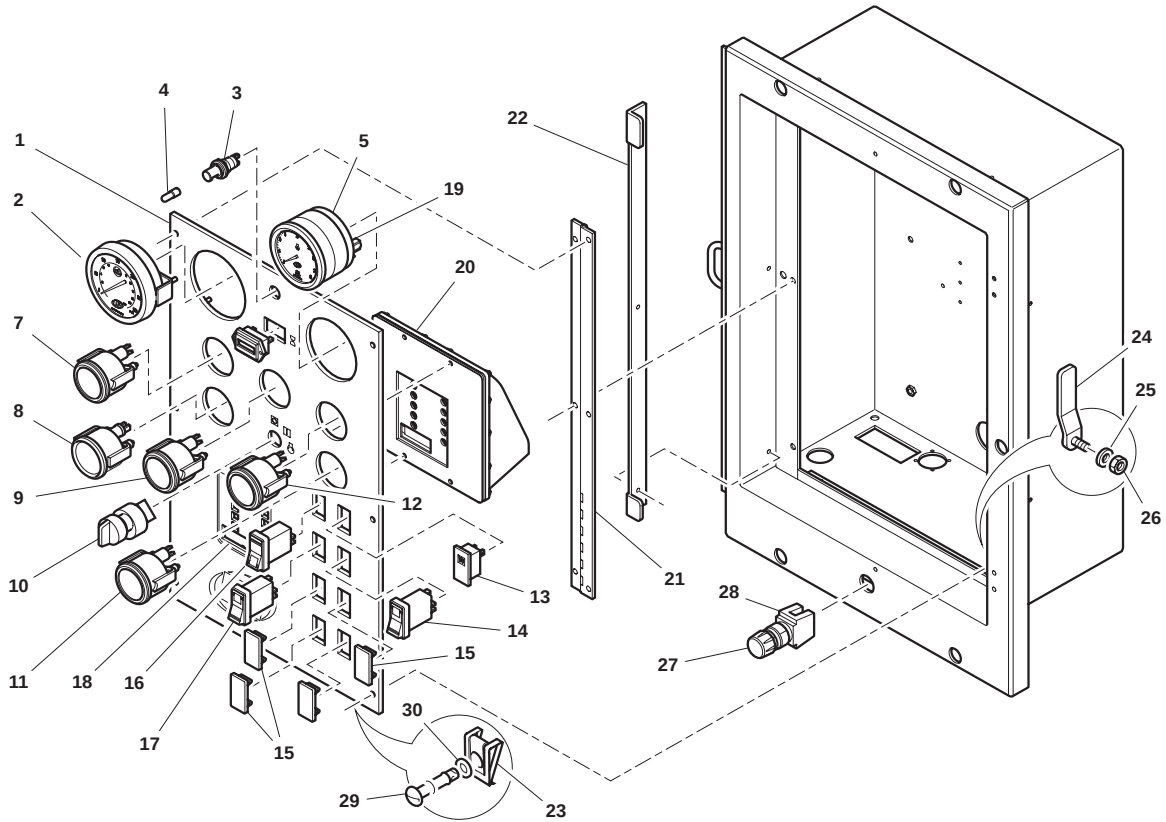
Regulation System

MHP825, HP915, XP1000



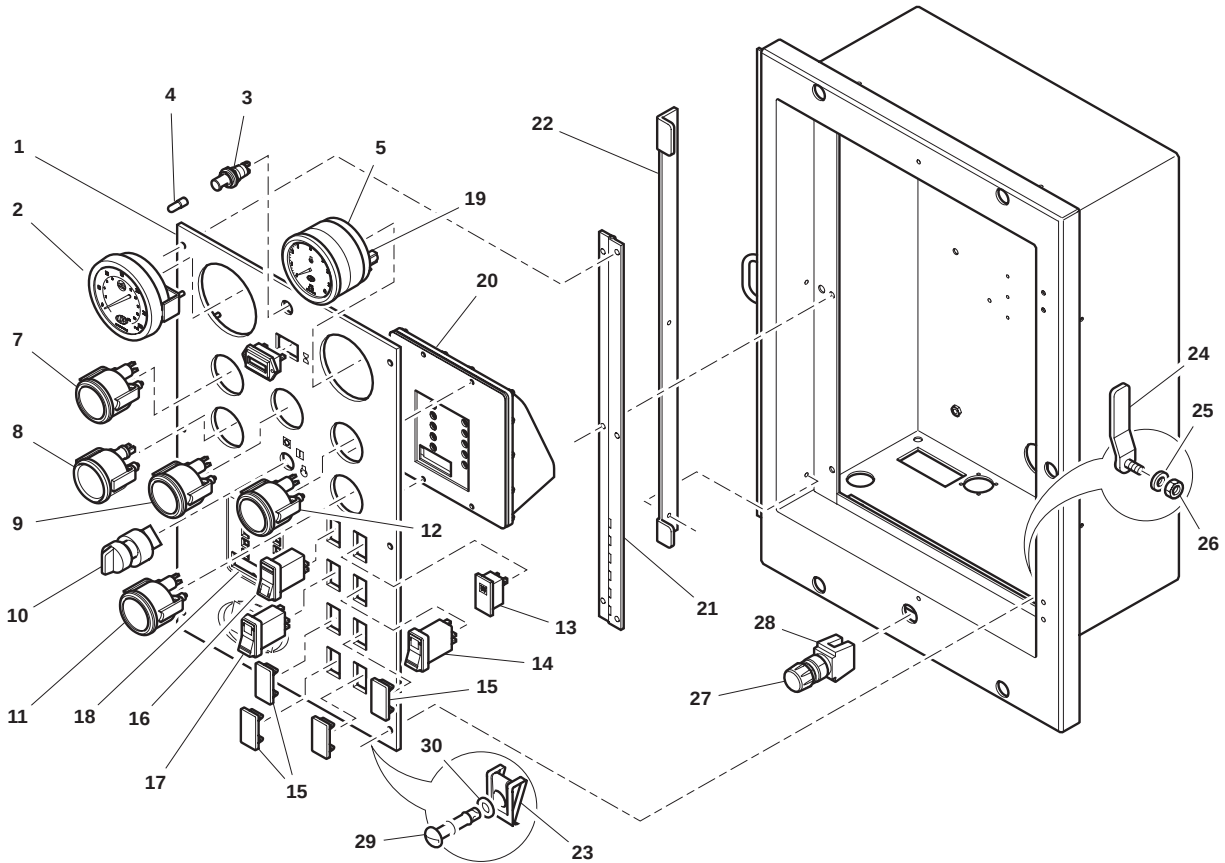
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1-8	54571765	Valve, Minimum Pressure	1	
1	89286785	Body	1	
2	92044098	Piston	1	
3	92061944	Housing	1	
4	35579630	Plug	1	
5	35279942	O-Ring	1	
6	35318161	Spring	1	
7	95823688	O-Ring	2	
8	92032648	Spacer	1	
9	35375385	Screw	4	

Instrumentation/Electrical System



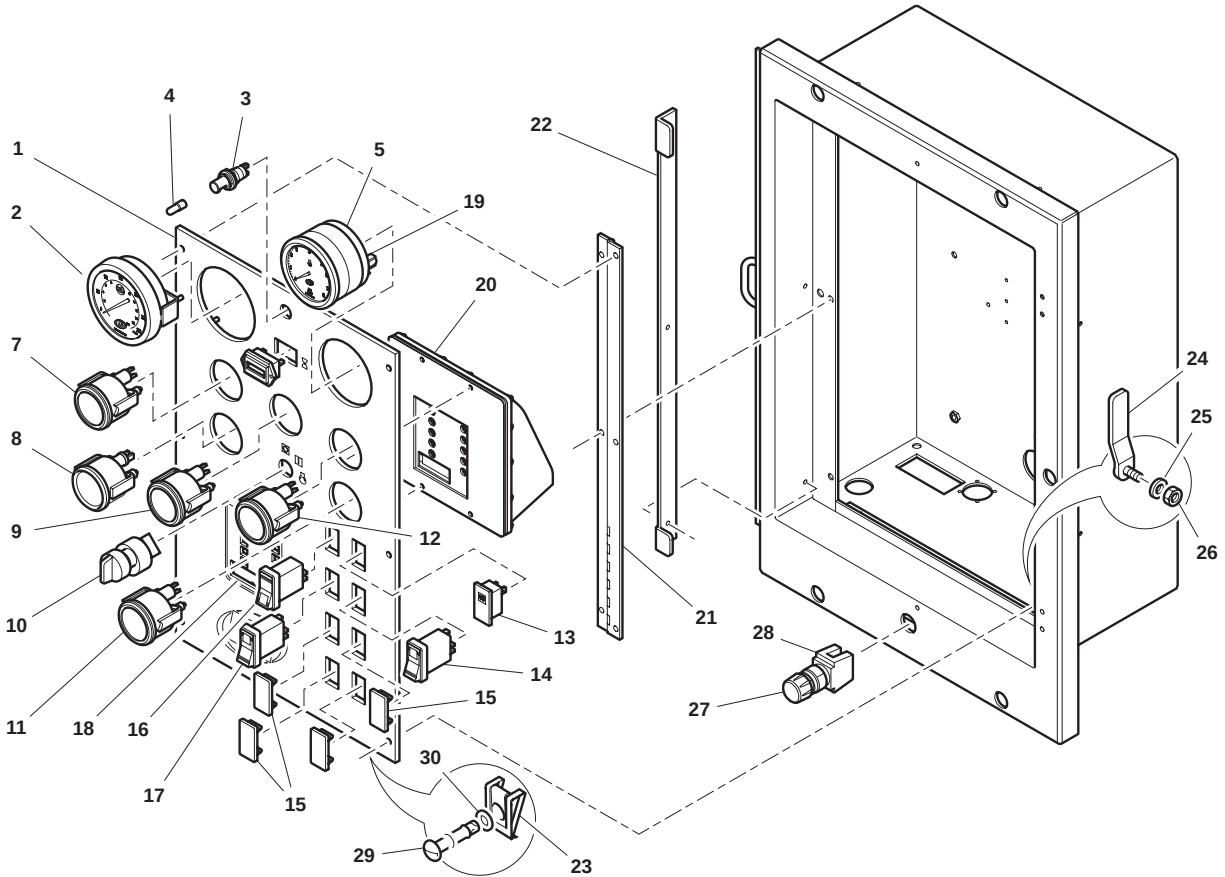
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22105571	Panel	1	
2	22105639	Gauge, Pressure	1	(300psi)
	36841468	Gauge, Pressure	1	(600psi)
3	36852622	Light	1	
4	22113880	Bulb, Light	1	
5	22055883	Tachometer Alternator	1	
6	54766704	Hourmeter	1	
7	22105613	Gauge, Temperature (Discharge)	1	S/N 332157 - 336844
	35604115	Gauge, Temperature (Discharge)	1	S/N 336845 - 339151
	22327266	Gauge, Temperature (Discharge)	1	S/N 339152 - 375131
	22692610	Gauge, Temperature (Discharge)	1	S/N 375132 -
8	36841153	Gauge, Voltmeter	1	Up to S/N 375131
	22692594	Gauge, Voltmeter	1	Begin With S/N 375132
9	22050991	Gauge, Fuel	1	Up to S/N 375131
	22692602	Gauge, Fuel	1	Begin With S/N 375132
10	22127385	Switch, Start	1	
	22134118	Knob, Switch	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 - 375131
	22692628	Gauge, Pressure	1	S/N 375132 -
				Continued.....

Instrumentation/Electrical System



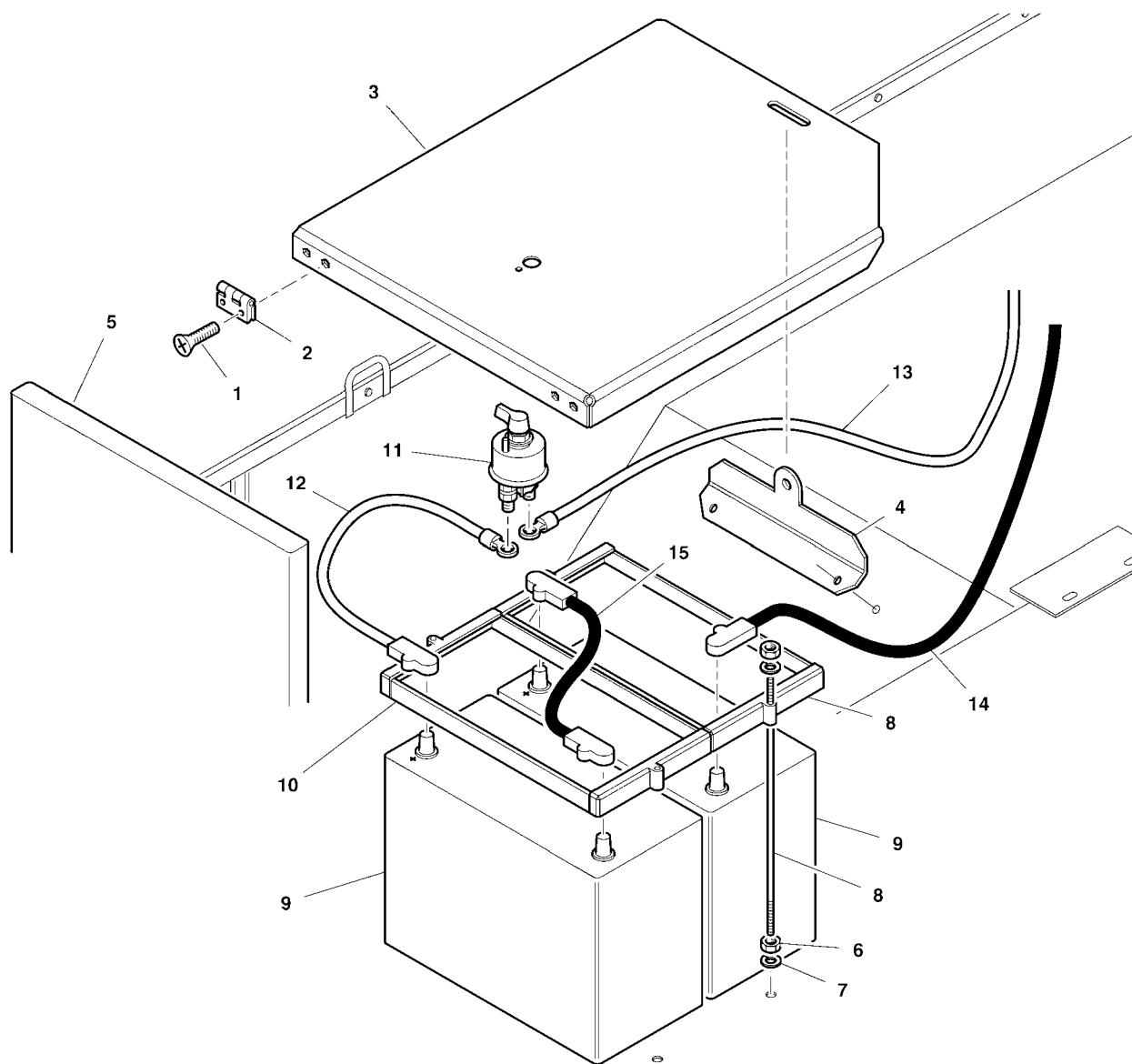
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	22105613	Gauge, Temperature (Discharge)	1	Continued
	35604115	Gauge, Temperature (Discharge)	1	S/N 332157 - 336844
	22327266	Gauge, Temperature (Discharge)	1	S/N 336845 - 339151
	22692610	Gauge, Temperature (Discharge)	1	S/N 339152 - 375131
			1	S/N 375132 -
13	22050553	Light Module	1	
14	22053896	Switch, Light	1	
15	22054142	Cover, Switch	4	
16	22054076	Switch, Push After Warm-up	1	
17	22054050	Switch, Heater	1	
18	22055800	Decal, Wedge	1	
19	22054159	Nut	2	
20	22173579	Controller, Wedge	1	
21	36840908	Hinge	1	
22	22105134	Support	1	
23	35314582	Receptacle, Fastner	3	
24	35603349	Latch	1	
25	95935037	Washer	1	
26	35273366	Nut	1	
27	89303127	Button, Emergency Stop	1	
28	89303135	Contact Modules, Emergency Stop	2	Continued.....

Instrumentation/Electrical System



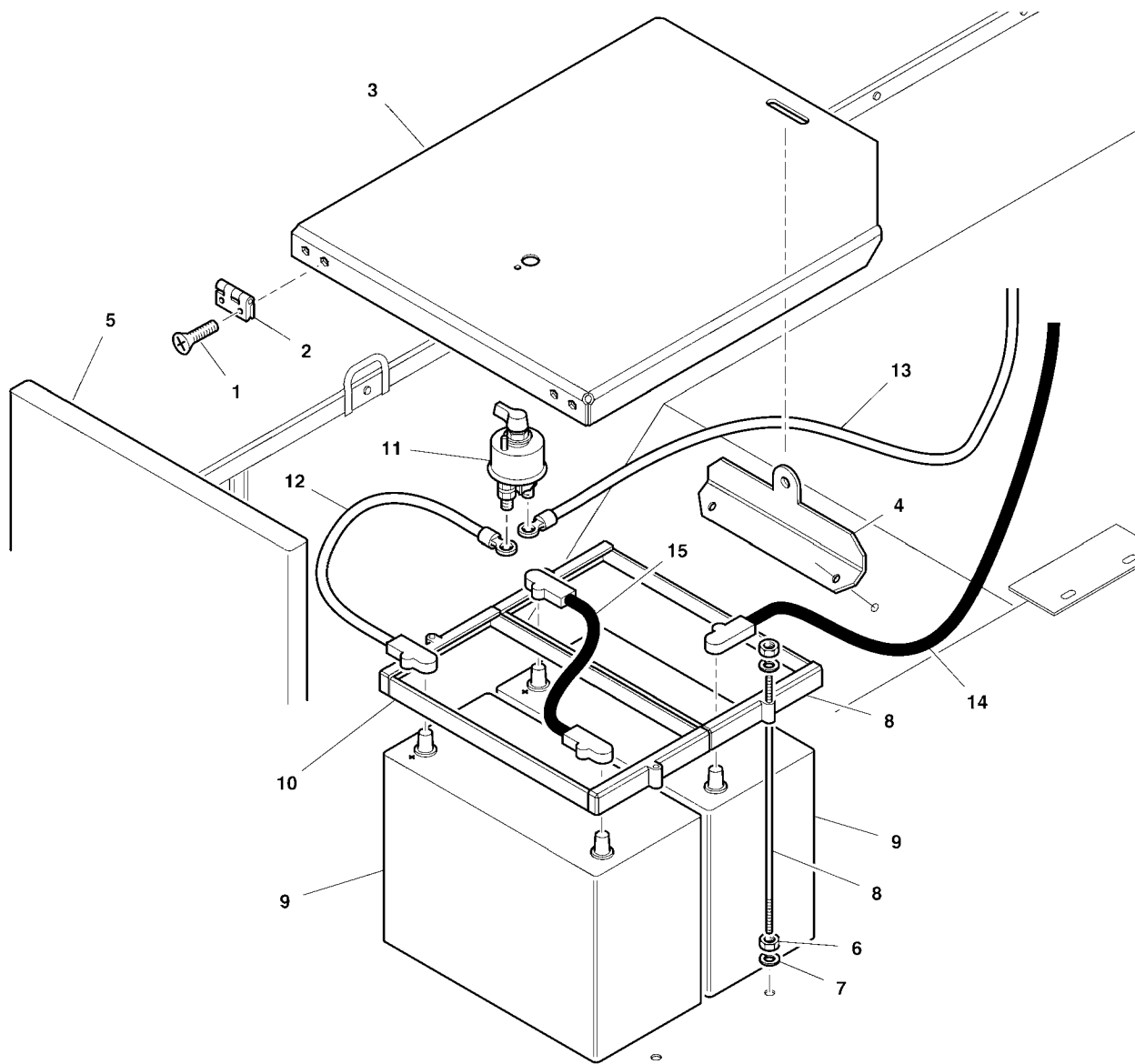
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
29	36844124	Fastener - 1/4 Turn	3	Continued
30	35369180	Retainer	3	

Instrumentation/Electrical System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	14097448	Screw	8	
2	88152392	Hinge	2	
3	22099477	Cover, SRG	1	
	22099469	Cover, HSRG	1	
4	22099584	Latch, SRG	1	
	22101067	Latch, HSRG	1	
5	22101059	Hinge, Bracket, HSRG	1	
6	92398106	Nut	8	
				Continued.....

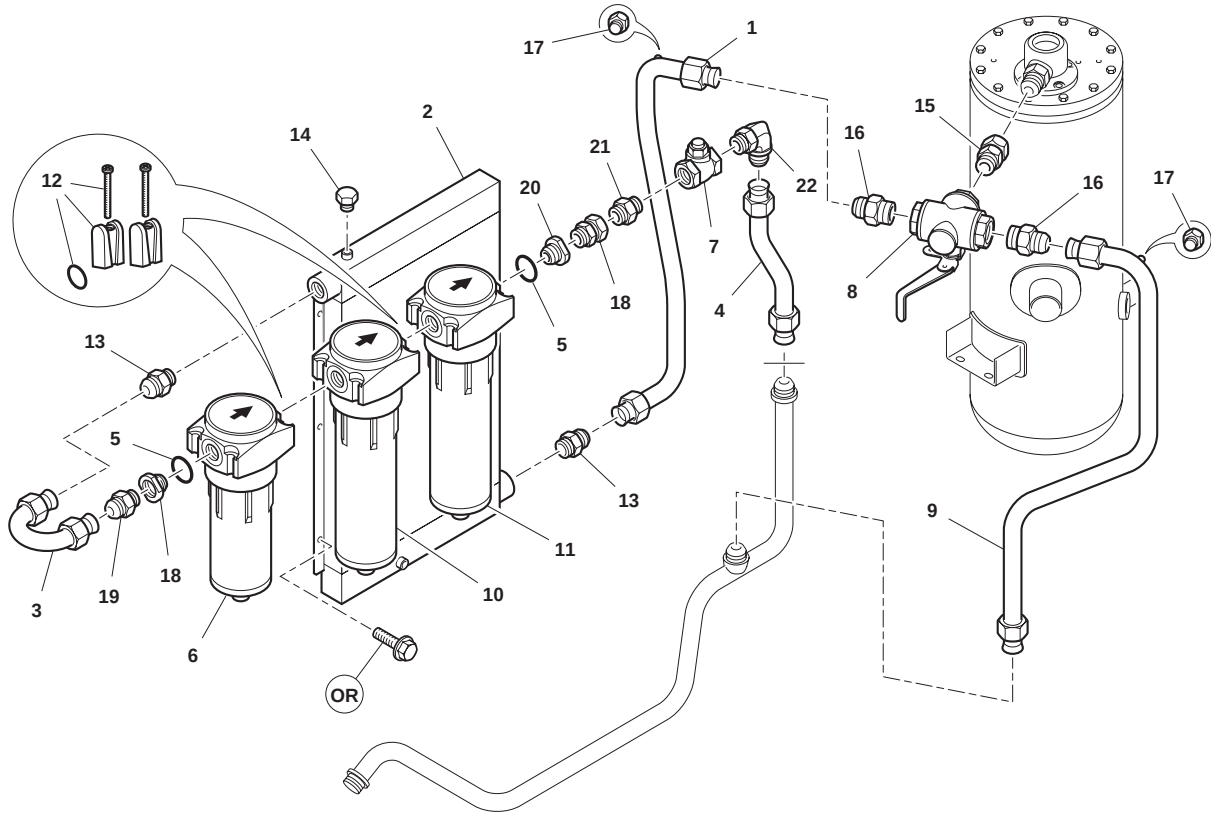
Instrumentation/Electrical System



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
7	92341981	Washer	8	Continued
8	92776749	Stud	4	
9	36844975	Battery	2	
10	88114954	Clamp	2	
11	36896975	Switch	1	
12	54511282	Cable	1	
13	54658331	Cable	1	
14	54658323	Cable	1	
15	35258789	Cable	1	

Option-IQ LP

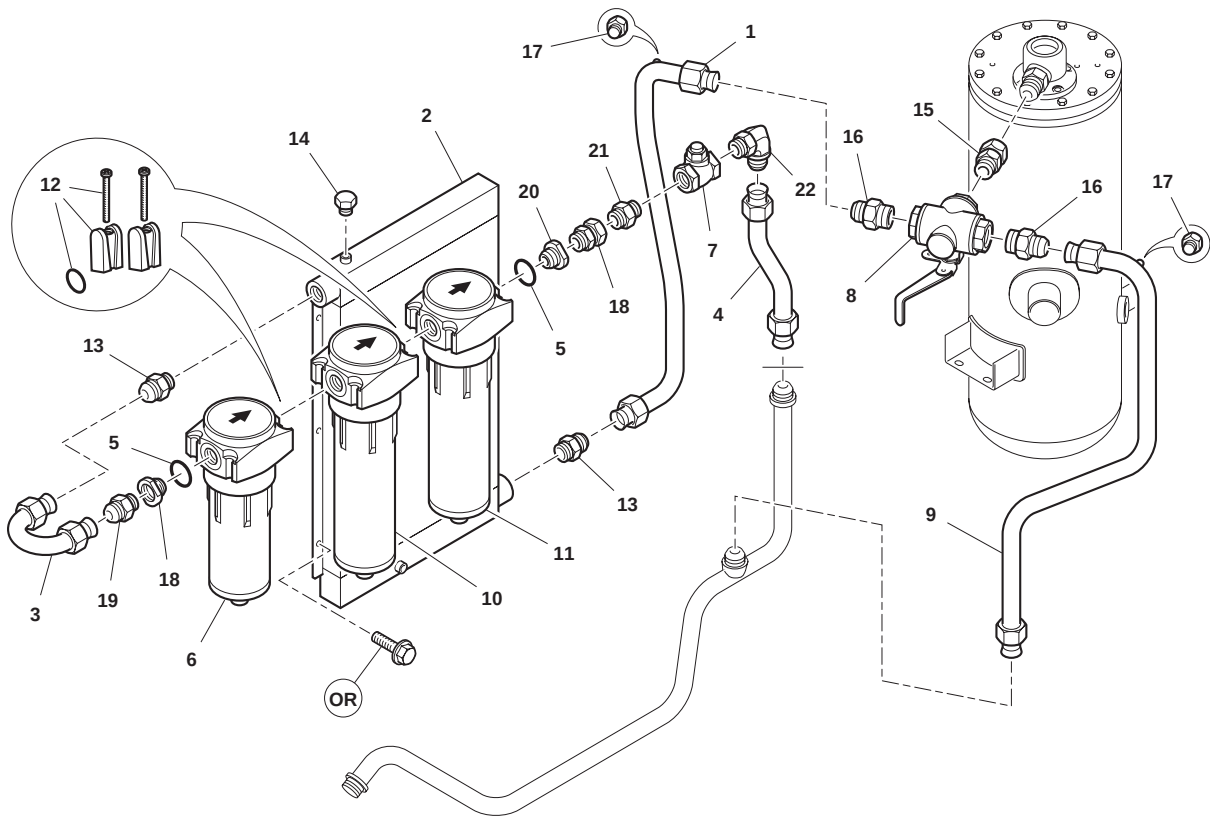
MHP825, HP915, XP1000



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

Option-IQ LP

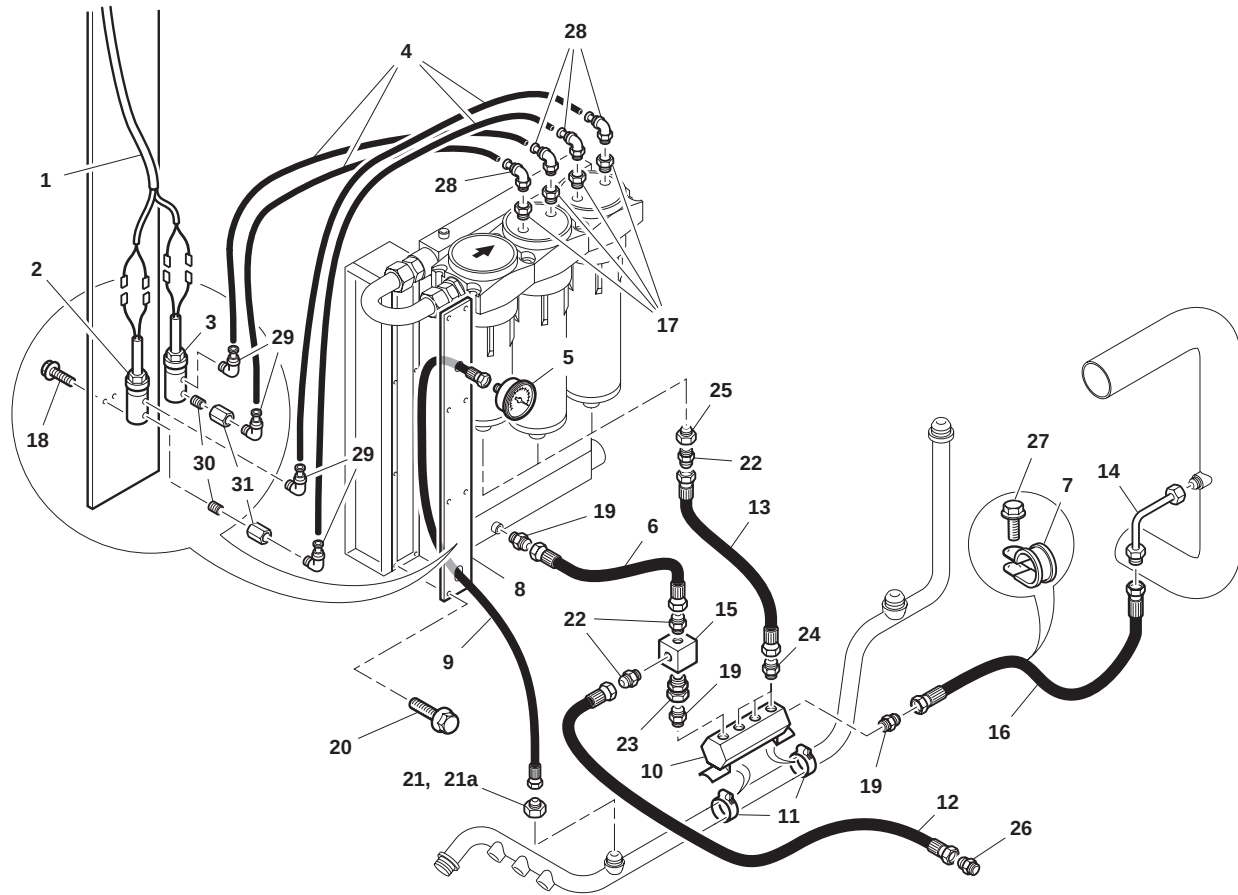
MHP825, HP915, XP1000



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

Option - IQ

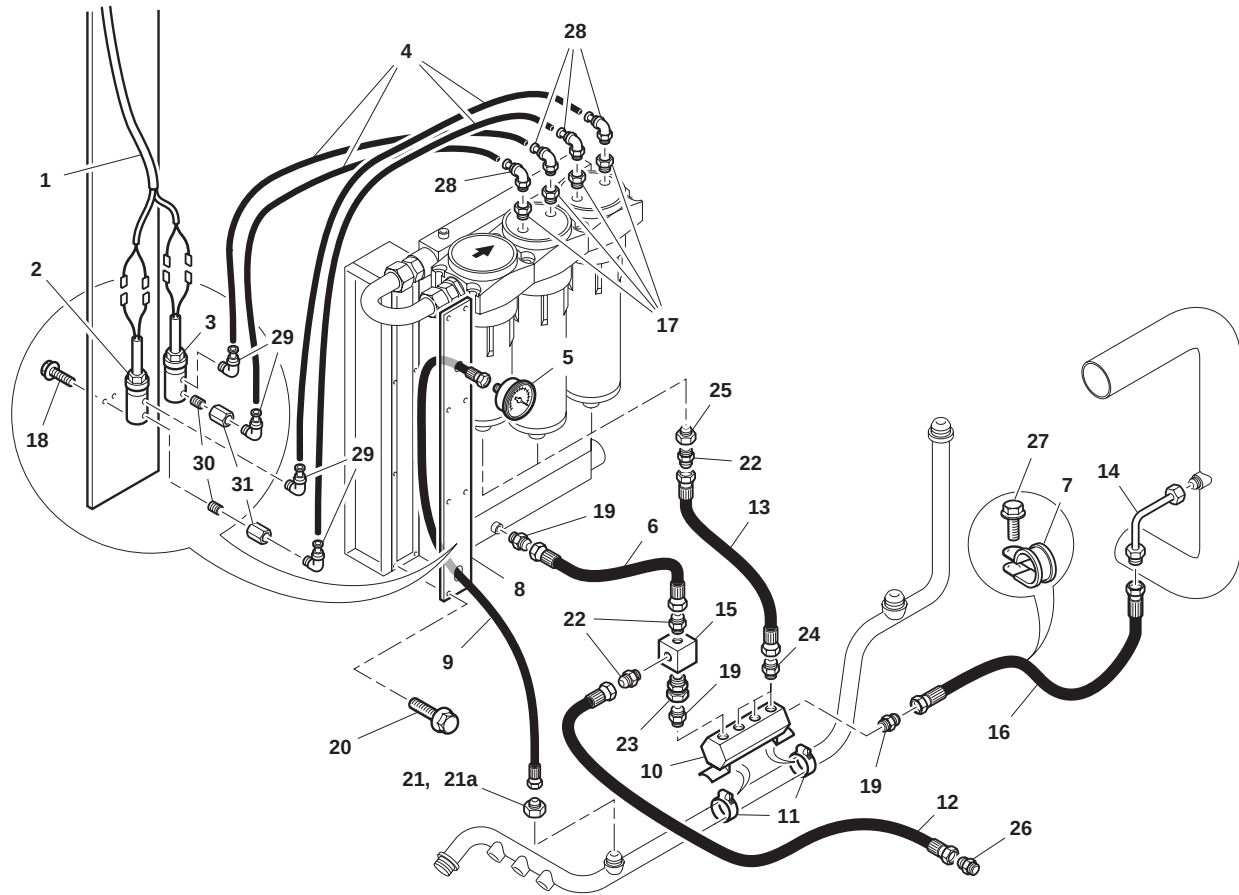
MHP825, HP915, XP1000



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

Option - IQ

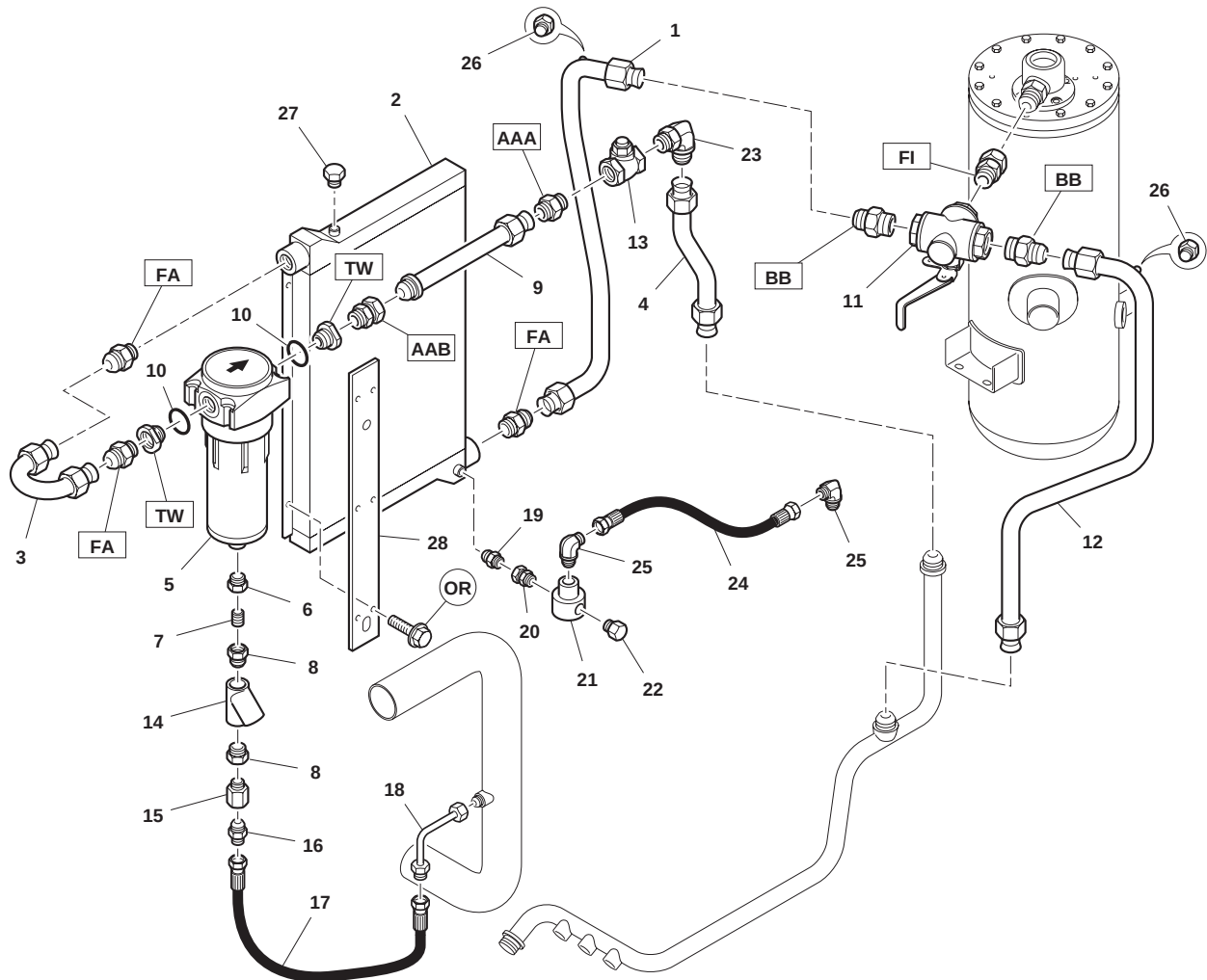
MHP825, HP915, XP1000



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

Option - After Cooler With Water Separator

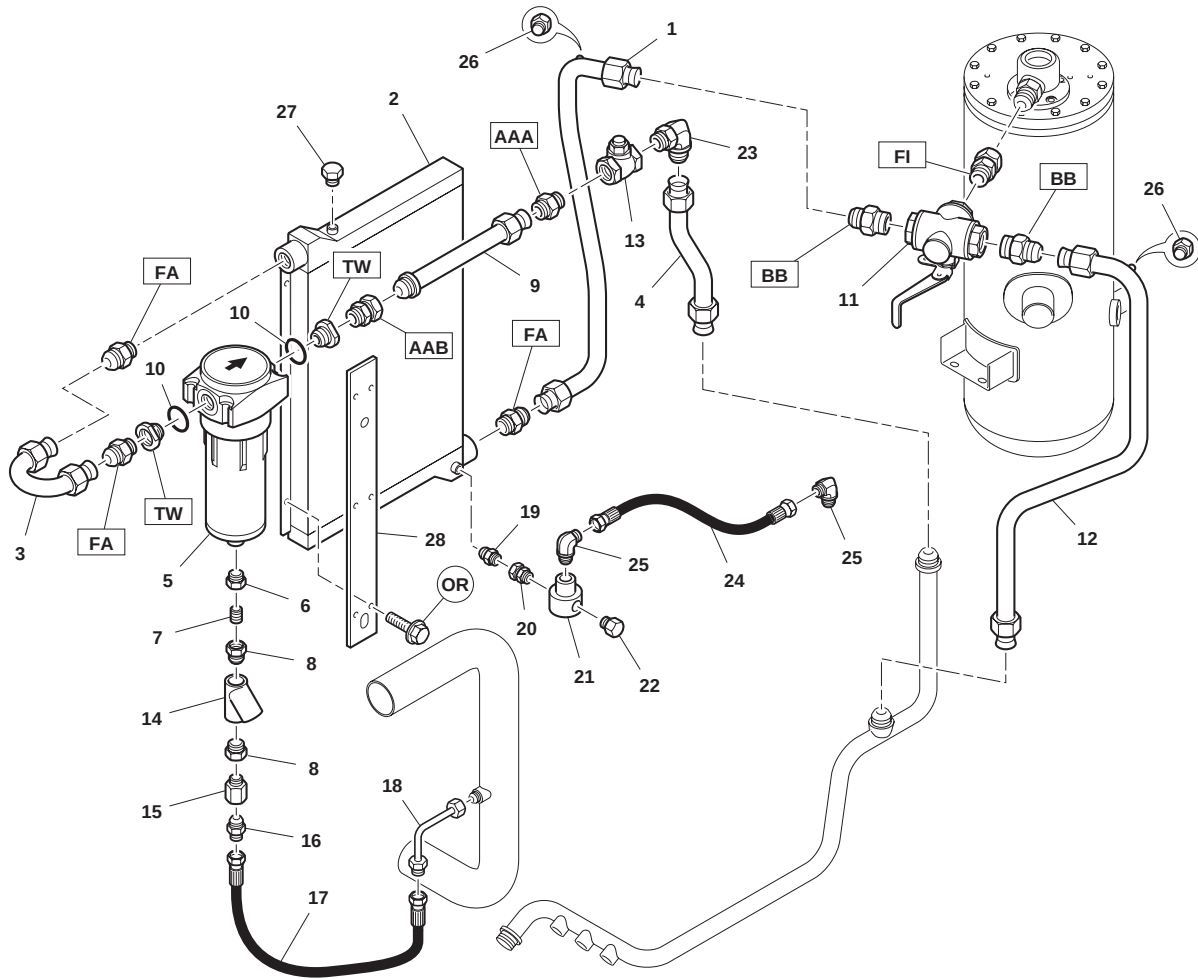
MHP825, HP915, XP1000



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

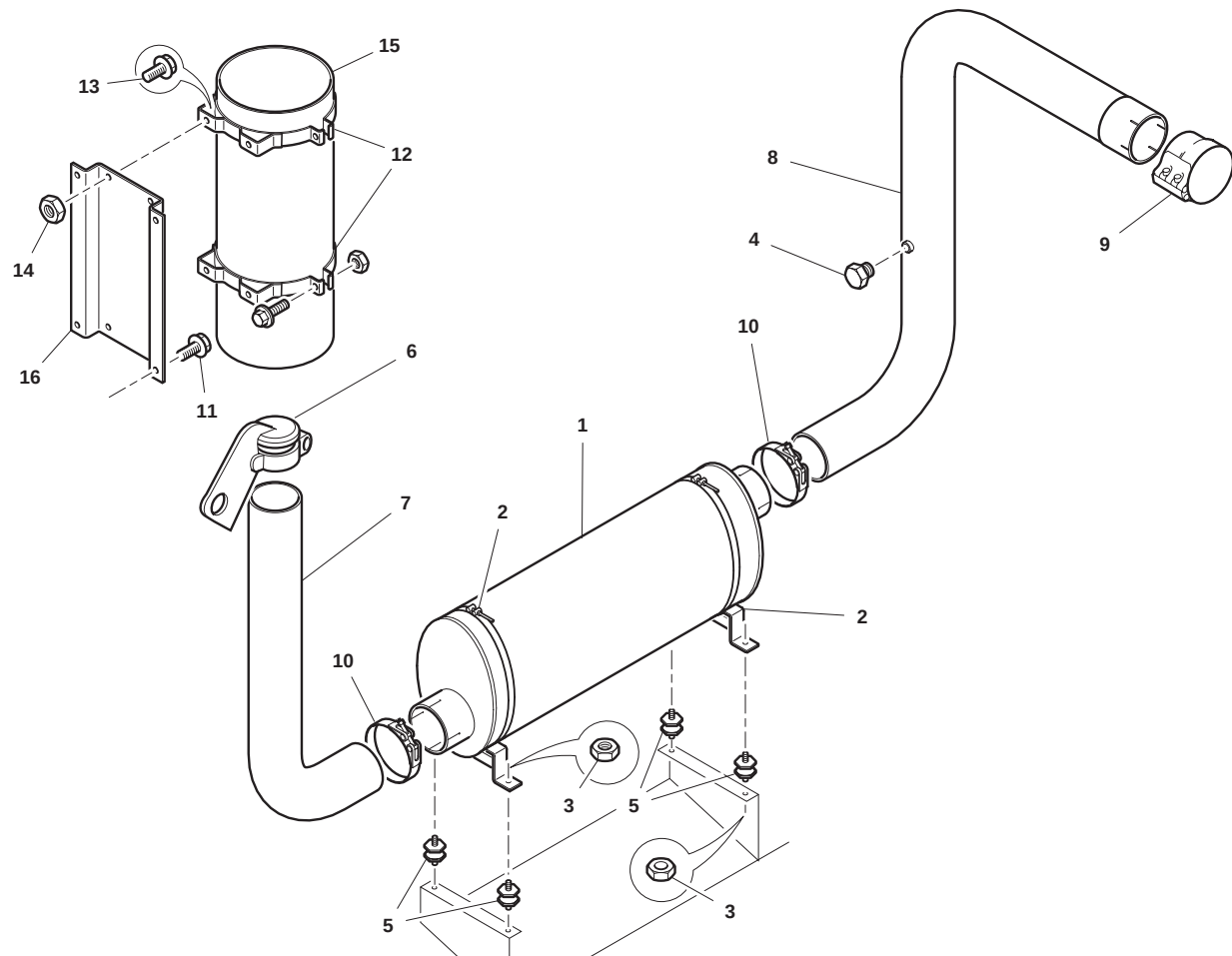
Option - After Cooler With Water Separator

MHP825, HP915, XP1000



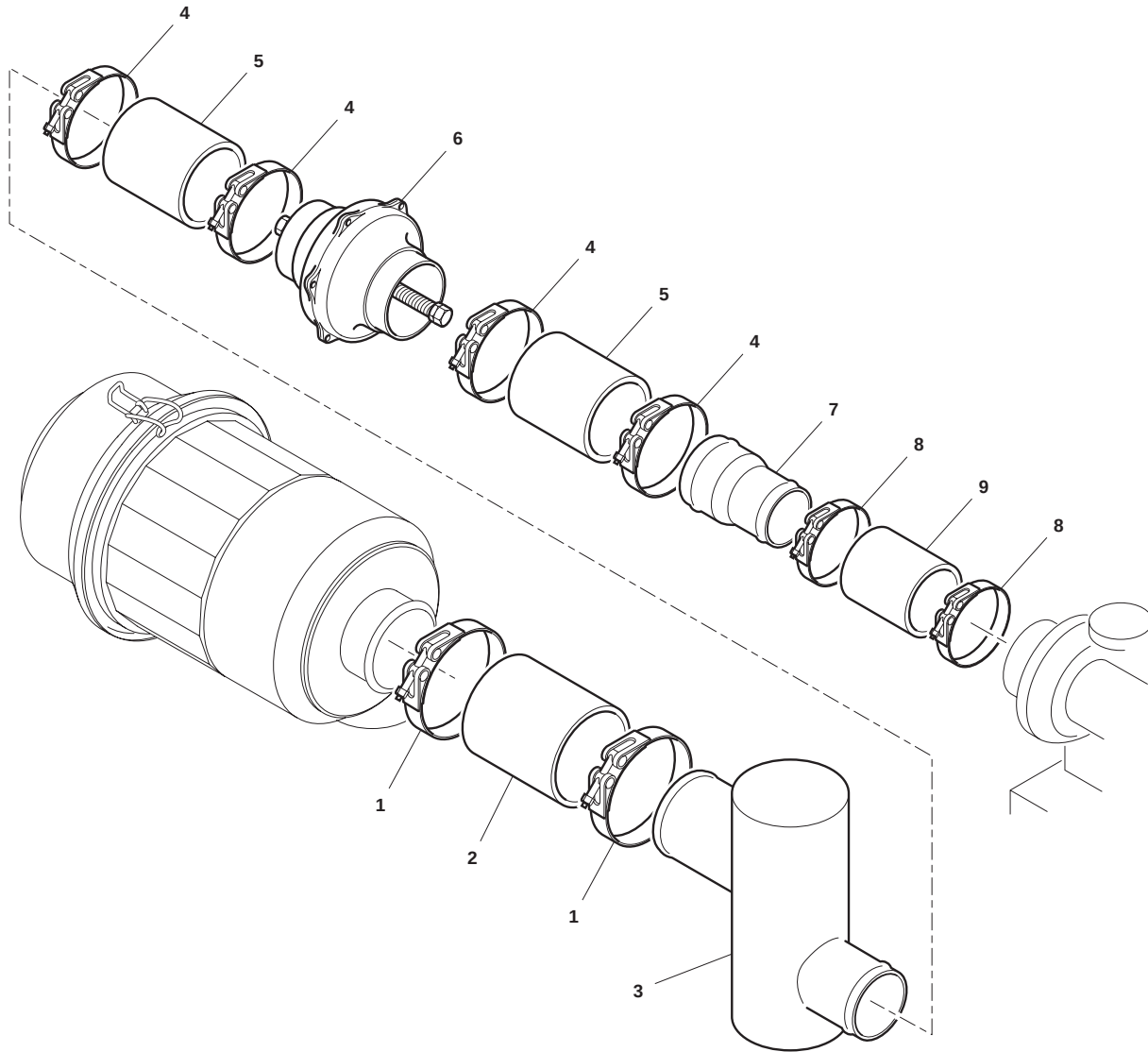
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
12	54576012	Tube Assembly	1	Continued
13	54635586	Valve, Check	1	
14	36844579	Y-Strainer	1	
15	37081528	Orifice	1	
16	35284082	Adaptor	1	
17	22285795	Hose Assembly	1	
18	54578869	Tube Assembly	1	
19	95365078	Connector	1	
20	35367846	Adaptor	1	
21	35322379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

Option - Spark Arrestor Muffler



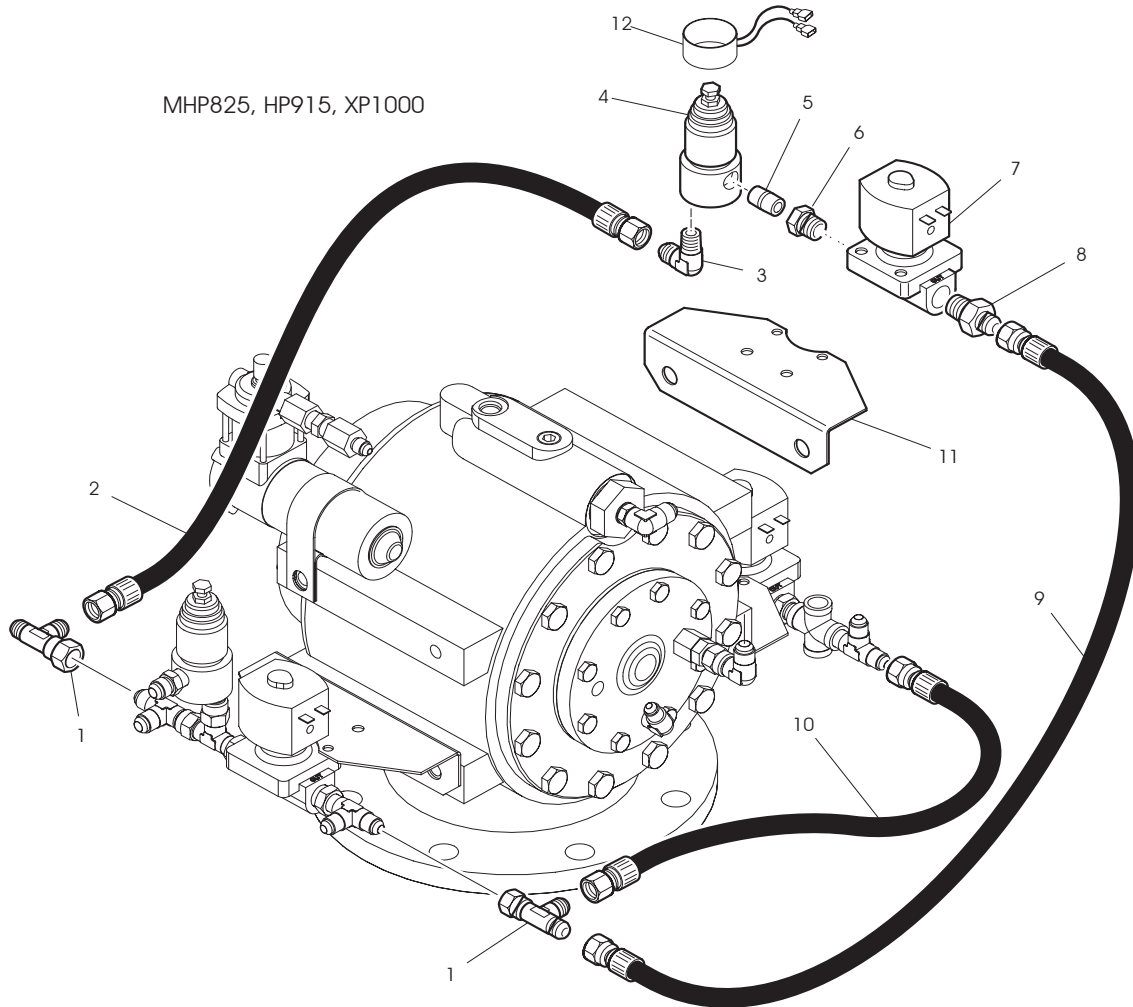
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	89298855	Arrestor, Spark	1	
2	24906919	Bracket	2	
3	36881886	Nut	8	
4	95928255	Plug	1	
5	92276096	Mount	4	
6	35857036	Raincap	1	
7	22334650	Pipe	1	
8	22334635	Pipe	1	
9	35307131	Clamp	1	
10	89298889	Clamp	2	
11	35279025	Screw	4	
12	36787026	Band, Mounting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

Option - Overspeed Valve



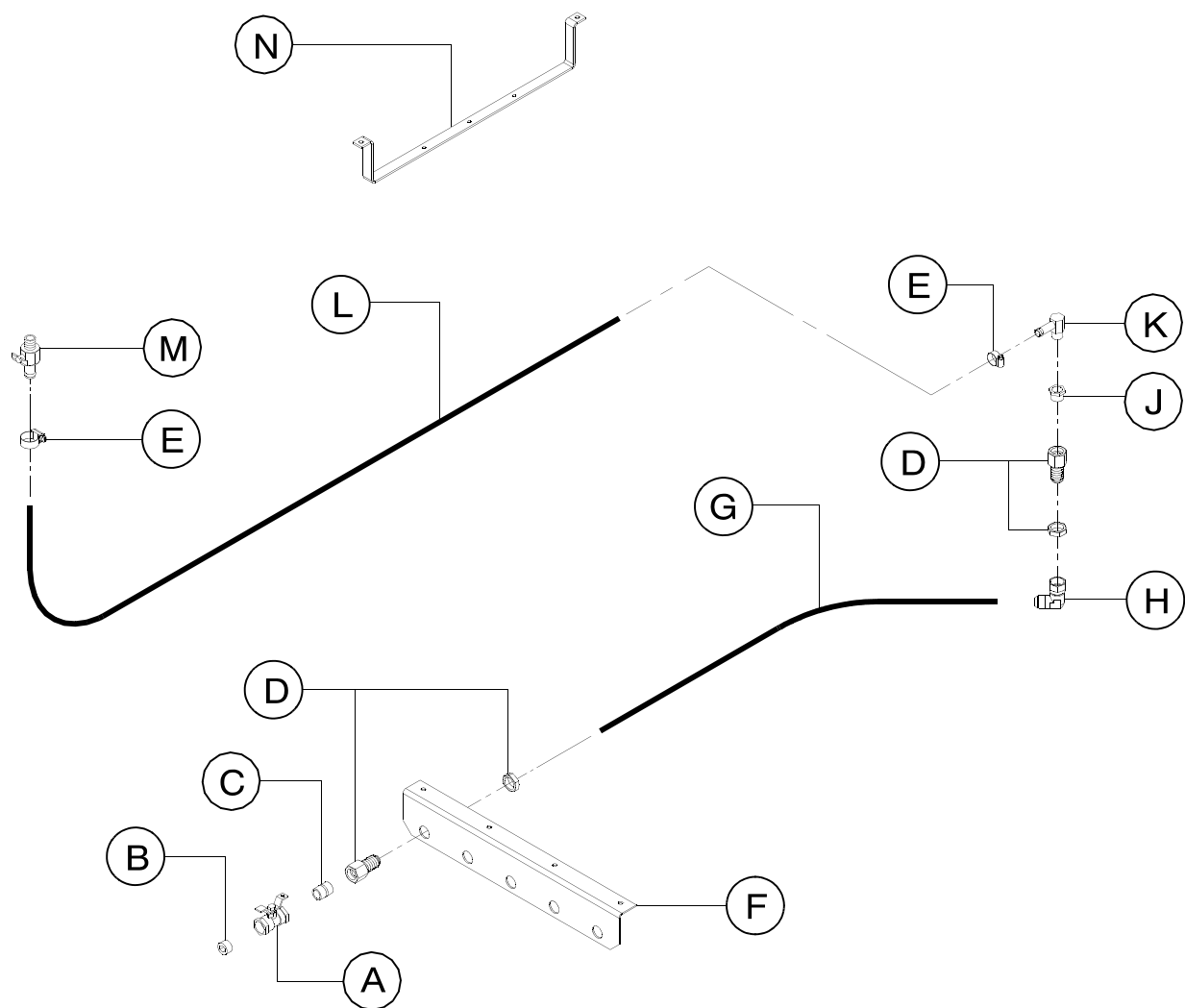
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	35123496	Clamp	2	6"
2	89299440	Connector	1	
3	22329916	Offset	1	6 X 5
4	35161025	Clamp	4	5"
5	22333538	Connector	2	
6	92808591	Chalwyn Valve	1	
7	22333512	Reducer	1	
8	36897668	Clamp	2	4"
9	22333520	Connector	1	

Option - Dual Pressure Regulation



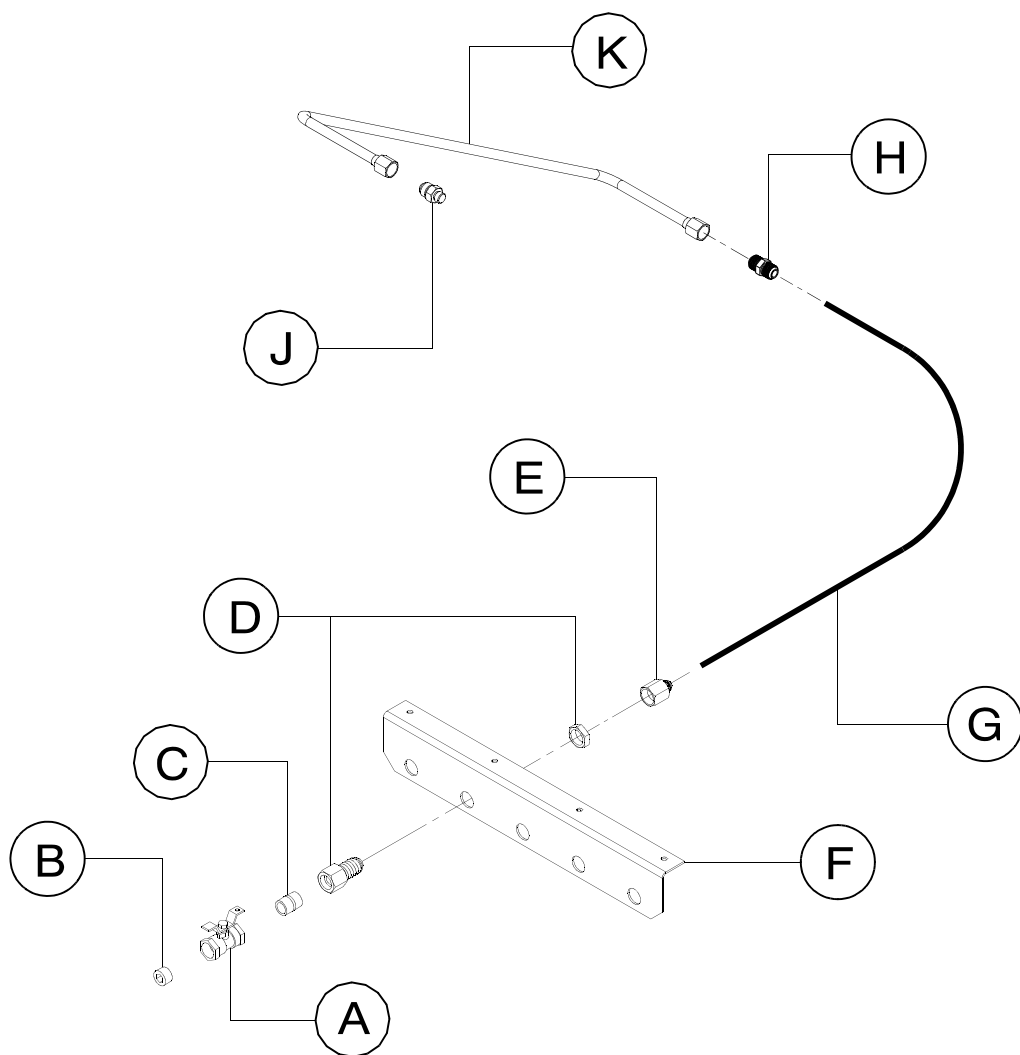
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	95415667	Tee	2	
2	35288042	Hose Assembly	1	
3	35279934	Elbow	1	
4	36854149	Pressure Regulator	1	
5	95667341	Nipple	1	
6	95940748	Bush, Reducing	2	
7	36840841	Valve, Solenoid	1	
8	35290147	Connector	1	
9	35311471	Hose Assembly	1	
10	35284504	Hose Assembly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

Option - Central Drain STRG Engine Oil



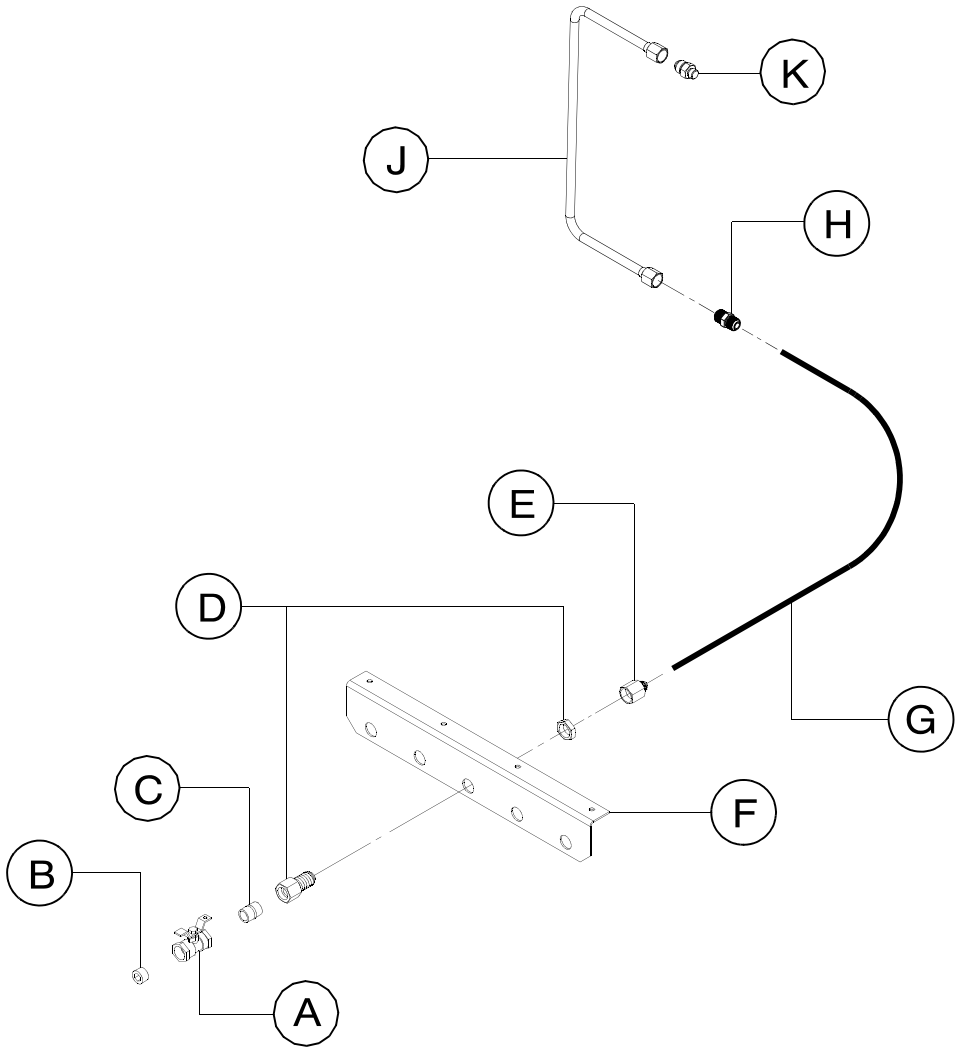
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	95220844	Clamp	1	
F	22828990	Bracket, Central Drain	1	
G	35289503	Hose Assembly	1	
H	35301506	Elbow	1	
J	95953949	Bushing, Reducing	1	
K	35366665	Elbow	1	
L	35326578	Hose (12 inches)	1	
M	36874436	Fitting, Engine Oil Pan Drain	1	
N	22832729	Bracket, Hose Support	1	

Option - Central Drain STRG Oil Cooler



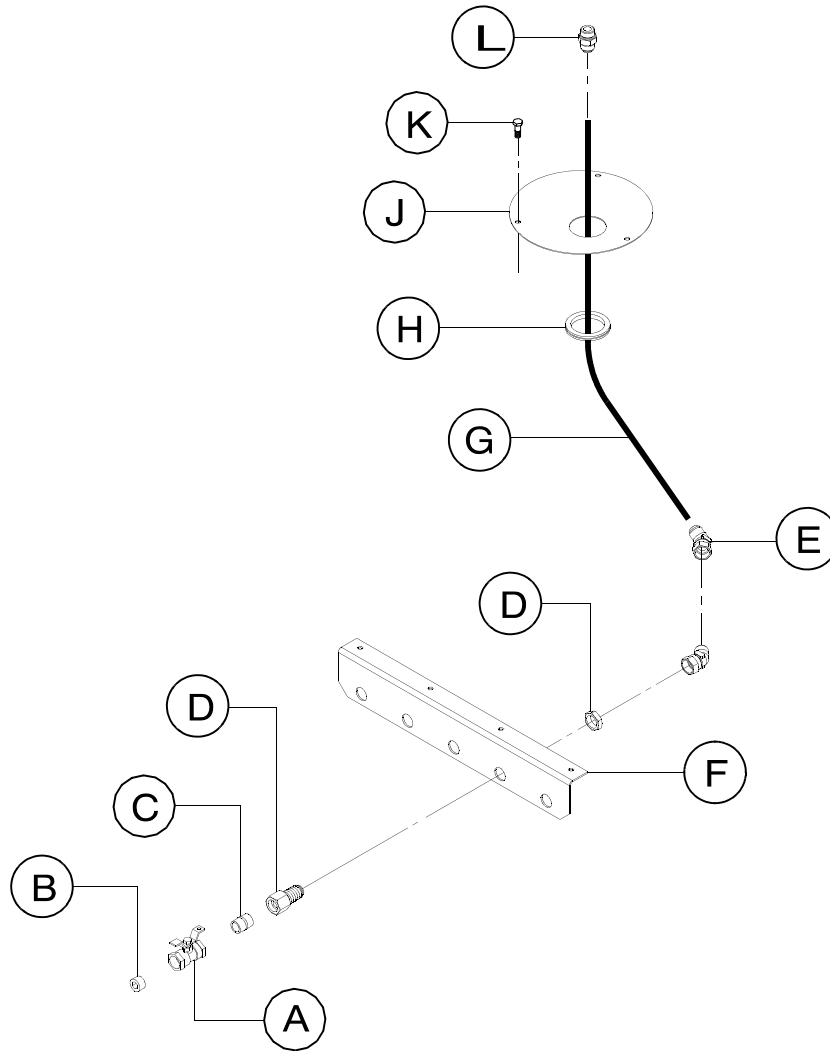
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35365774	Reducer, Tube	1	
F	22828990	Bracket, Central Drain	1	
G	35305481	Hose Assembly	1	
H	95396867	Union	1	
J	35287895	Connector	1	
K	22833172	Tube Assembly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

Option - Central Drain STRG Radiator



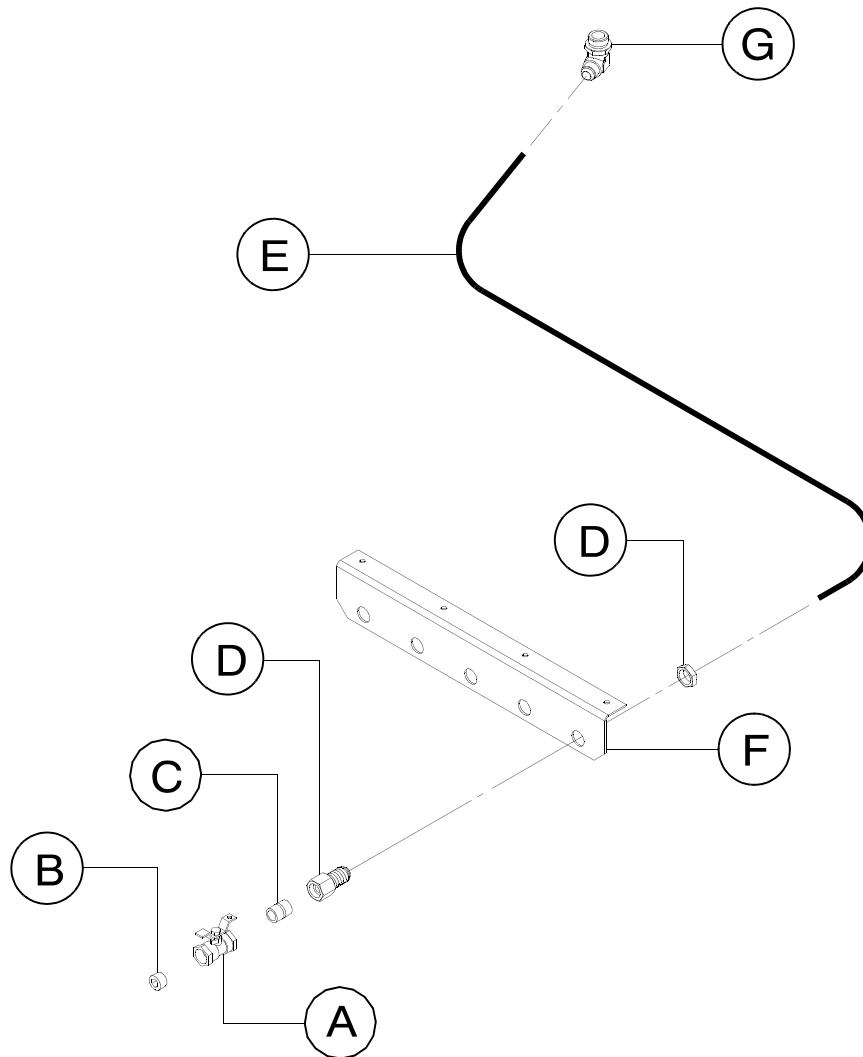
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35365774	Reducer, Tube	1	
F	22828990	Bracket, Central Drain	1	
G	35305481	Hose Assembly	1	
H	95396867	Union	1	
J	22830269	Tube Assembly	1	
K	35287895	Connector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

Option - Central Drain STRG Separator Tank



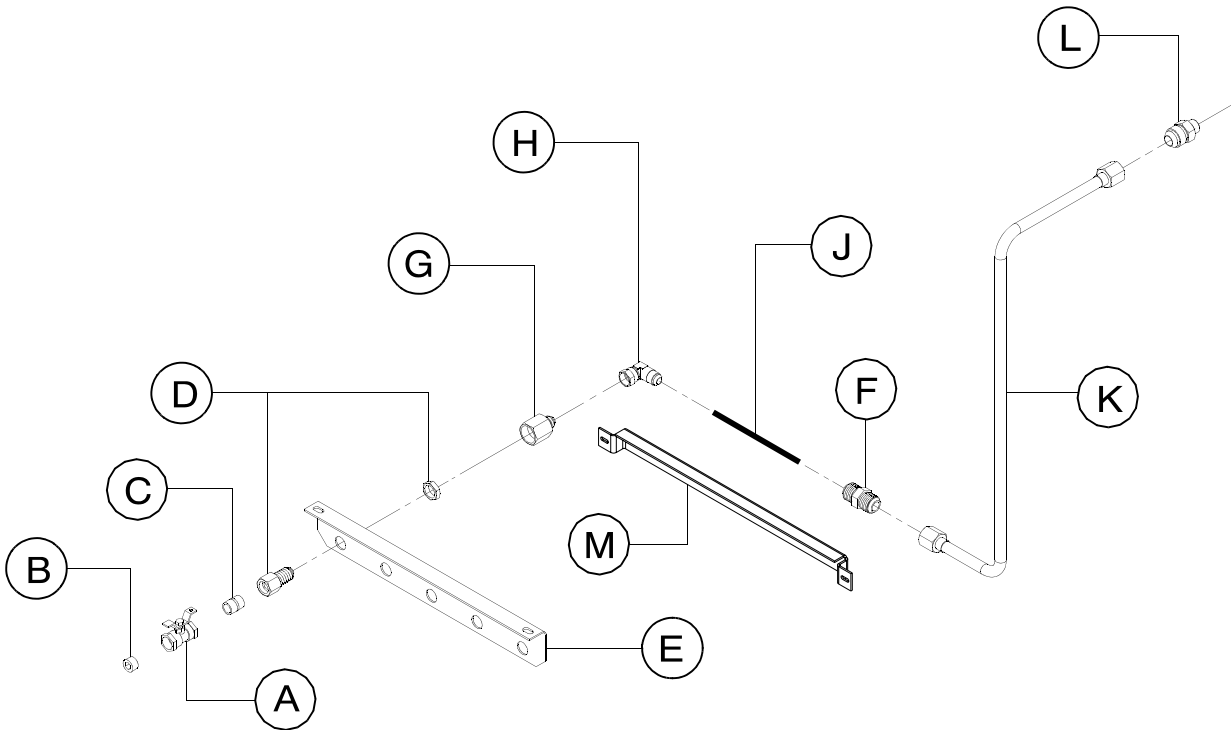
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323922	Elbow	2	
F	22828990	Bracket, Central Drain	1	
G	35294677	Hose Assembly	1	
H	36878221	Grommet	1	
J	22833560	Cover, Access	1	
K	35279025	Screw	3	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

Option - Central Drain STRG Fuel Tank



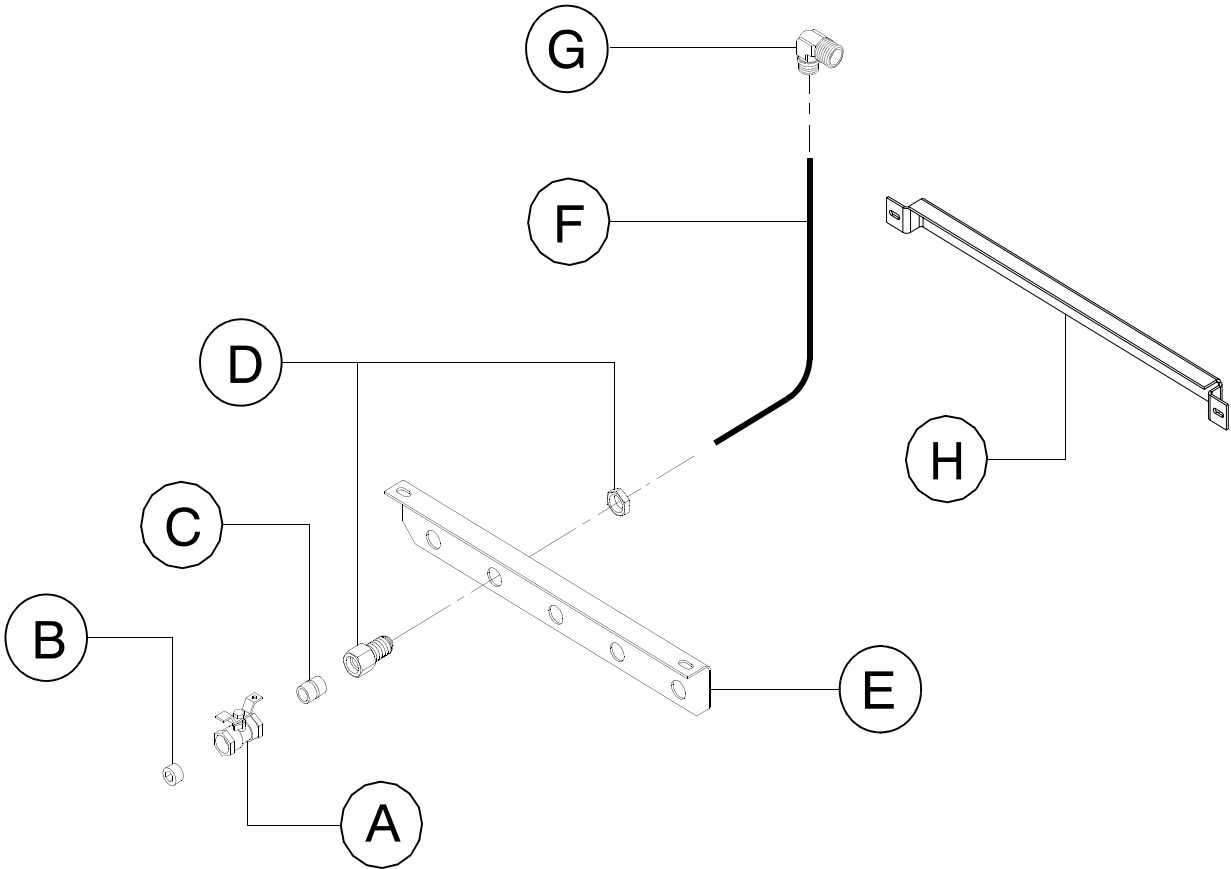
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	35323807	Hose Assembly	1	
F	22828990	Bracket, Central Drain	1	
G	36861540	Elbow	1	

Option - Central Drain HSRG Oil Cooler



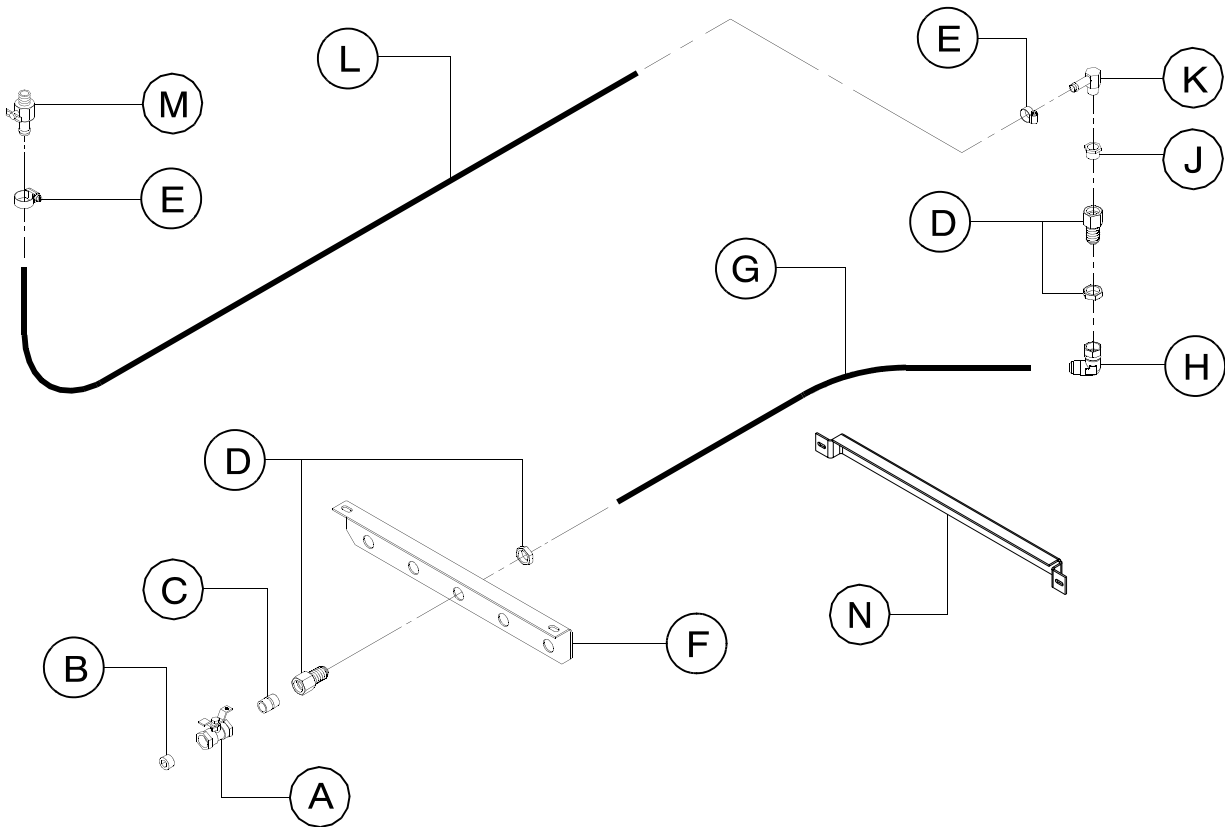
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	22701767	Bracket, Central Drain	1	
F	95396867	Union	1	
G	35365774	Reducer	1	
H	35287911	Elbow	1	
J	35306125	Hose Assembly	1	
K	22707061	Tube Assembly	1	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

Option - Central Drain HSRG Fuel Tank



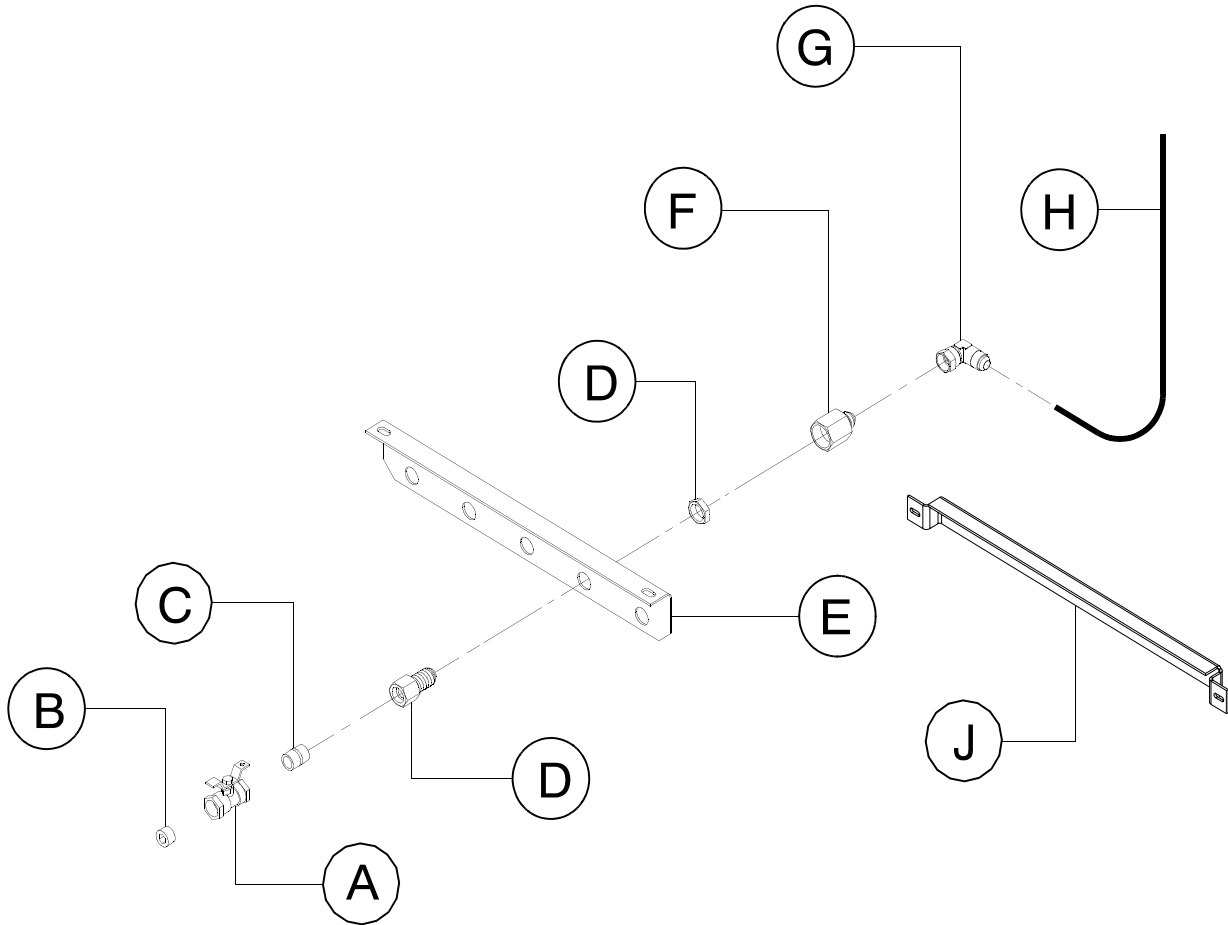
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	22701767	Bracket, Central Drain	1	
F	35323682	Hose Assembly	1	
G	35294750	Elbow	1	
H	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG Engine Oil



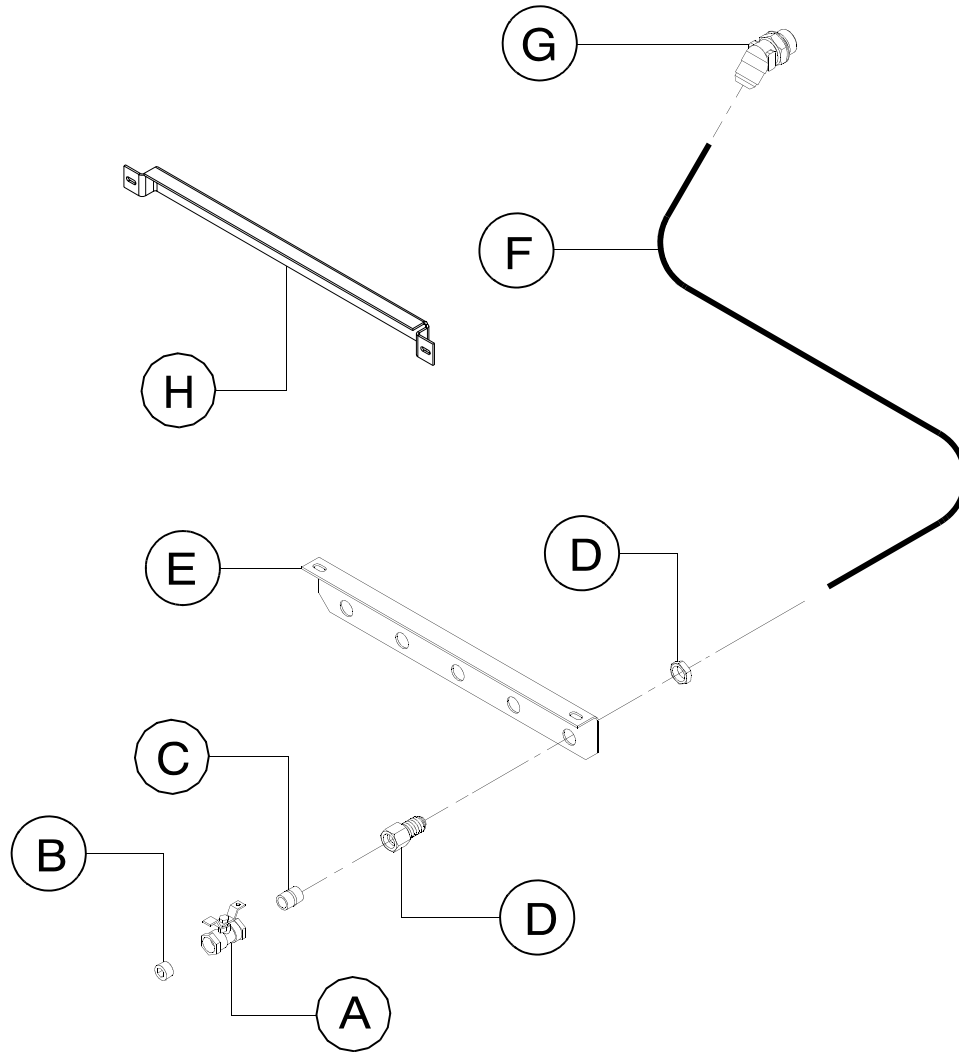
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	95220844	Clamp	1	
F	22701767	Bracket, Central Drain	1	
G	35289503	Hose Assembly	1	
H	35301506	Elbow	1	
J	95953949	Bushing, Reducing	1	
K	35366665	Elbow	1	
L	35326578	Hose (12 inches)	1	
M	36874436	Fitting, Engine Oil Pan Drain	1	
N	22707251	Bracket, Clamp	1	

Option - Central Drain HSRG Radiator



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

Option - Central Drain HSRG Separator Tank



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36777399	Valve, Ball	1	
B	95947149	Plug	1	
C	95928040	Nipple	1	
D	35287747	Fitting, Bulkhead	1	
E	22701767	Bracket, Central Drain	1	
F	35323880	Hose Assembly	1	
G	35294727	Elbow	1	
H	22707251	Bracket, Clamp	1	

Recommended Parts

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1 - 4	44008183	Kit - 0-50 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22637904	Filter, Fuel (Primary)	1	
3	36860336	Filter, Oil (Airend)	2	
4	22765325	Filter, Fuel (Secondary)	1	
1 - 6	44008506	Kit - 500 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22637904	Filter, Fuel (Primary)	1	
3	22345748	Canister Coolant Conditioner (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	22765325	Filter, Fuel (Secondary)	1	
1 - 7	44008514	Kit - 1000 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22637904	Filter, Fuel (Primary)	1	
3	22345748	Canister Coolant Conditioner (Engine)	1	
4	36860336	Filter, Oil (Airend)	2	
5	89288971	Filter, Air (Primary)	2	
6	89288989	Filter, Air (Safety)	2	
7	22765325	Filter, Fuel (Secondary)	1	
1 - 8	44008522	HP, XP, MHP, Kit - 2000 Hours	1	
1	22177737	Filter, Oil (Engine)	1	
2	22637904	Filter, Fuel (Primary)	1	
3	22345748	Canister Coolant Conditioner (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	
8	22765325	Filter, Fuel (Secondary)	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

Section 3 - Electrical Schematics

Wiring Parts Lists
Wiring Parts Lists

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B2	36850691	Startup Compressor		
D1-D4	35376169	Diode		
F1,F3	36792083	20 Amp Fuse		
F2	89303184	15 Amp Fuse		
G2	36870665	Mag Speed Sensor		
K1	35577873	Auxiliary Start Relay		
K2	36892362	Relay, 24VDC SPDT		
K3	36892362	Relay, 24VDC SPDT		
L1,L2	36842300	Start / Run Solenoid Valve		
M1	36840767	Gage, 200 psi Pressure		Before S/N 375132
	36841468	Gage, 600 psi Pressure		After S/N 375131
M2	22277057	Gage, 150 psi Pressure		Before S/N 375132
	22692628	Gage, 150 psi Pressure		After S/N 375131
M3	22050991	Gage, Fuel Level		Before S/N 375132
	22692602	Gage, Fuel Level		After S/N 375131
M4	22327266	Gage, Temperature (Eng. Coolant)		Before S/N 375132
	22692610	Gage, Temperature (Eng. Coolant)		After S/N 375131
M5	54766704	Hourmeter		
M6	22055883	Tachometer		
M7	22399349	Voltmeter		Before S/N 375132
	22692594	Voltmeter		After S/N 375131
M8	22327266	Gage, Temperature (Air Discharge)		Before S/N 375132
	22692610	Gage, Temperature (Air Discharge)		After S/N 375131
PT1	54765946	0-500 psi Pressure Transducer		
PT2	36920825	0-100 psi Pressure Transducer		
R1	36864677	Regulator Heater		
R3	36841526	Control Orifice Heater		
R4	-----	Terminator, CAN		
R6	-----	Resistor, 150 ohm		
RP1	36870608	Engine Oil Press Sender		
RT1,RT2, RT5	36898922	Thermistor Temperature Sensor		
RT3, RT4	36841138	Temperature Sender		Continued.....

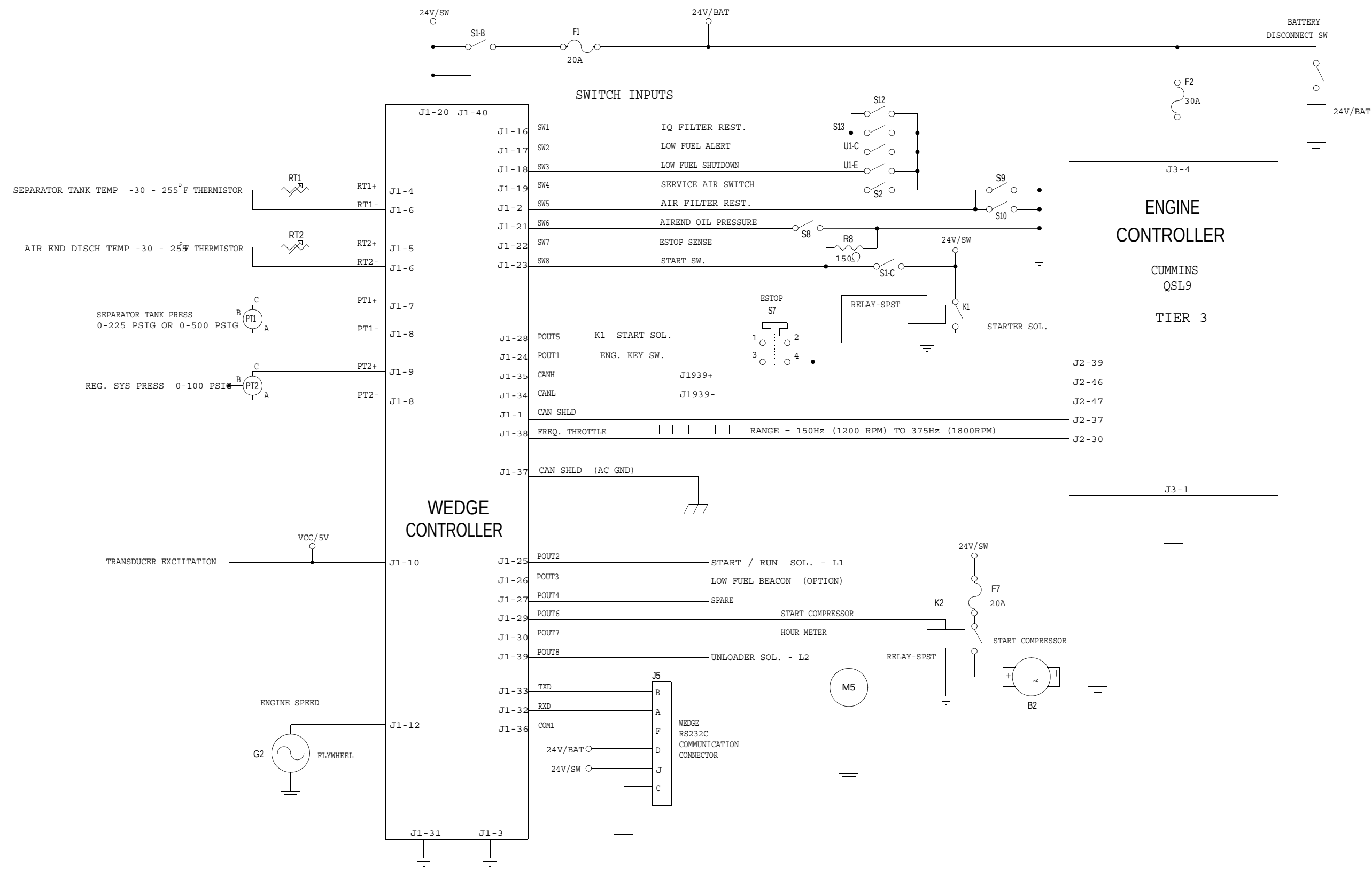
Wiring Parts Lists
Wiring Parts Lists

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S1	22127385	Switch, Start		<i>.....Continued</i>
S2	22054076	Switch, Load		
S3	22053896	Switch, Light		
S5	22054050	Switch, Heater		
S6	22054084	Switch, Hi / Lo		
S8	22054068	Switch, Ether		
S10, S11	36847838	Air Filter Switch		
S12	36899615	IQ Filter Switch		
S13	36899599	IQ Filter Switch		
S14	36757581	Safety Valve Press Switch		
S15	22162549	Switch, E-stop		
U1	54672803	Sender, Fuel (Wagon)		
	54672811	Sender, Fuel (High Speed)		
U2	54474572	Switch, Water Level		
W1	22661854	Chassis Harness		

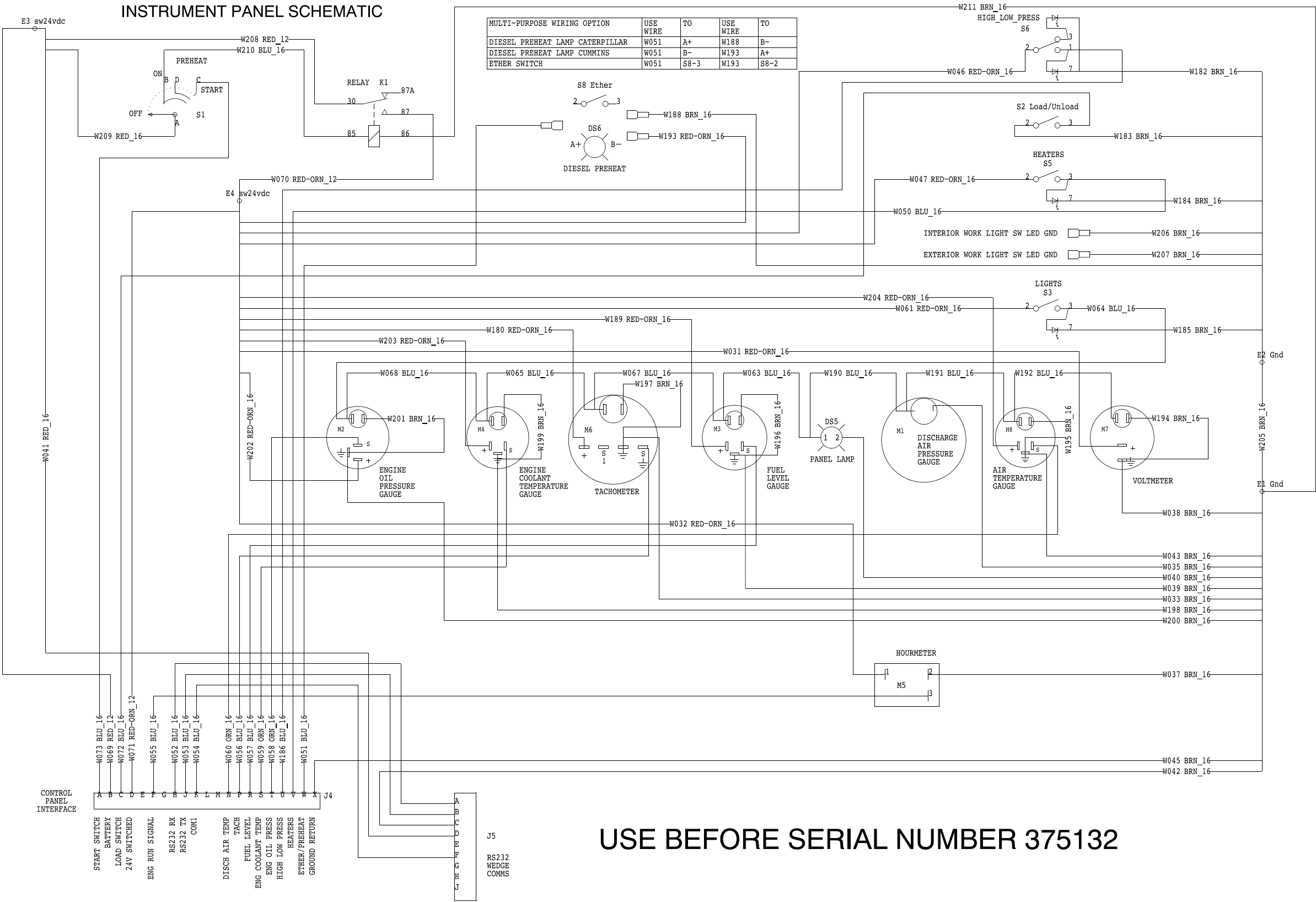
Wiring Parts Lists
Wiring Parts Lists

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
		IQ OPTION PARTS		
K3	36892362	Relay, IQ		
S12	36899615	Indicator, 25 psi Pressure		
S13	36899599	Indicator, 20 psi Pressure		
RT5	36898922	Sensor, Temperature		
	54757224	IQ Wiring Harness		
	54775887	IQ Heater Harness		
	36841526	IQ Orifice Heaters		
	36898310	IQ Actuator		
	22173579	Wedge Controller		
	22108690	Control Panel Harness		Before S/N 375132
	22817829	Control Panel Harness		After S/N 375131
	36896975	Battery Disconnect Switch		
	36780609	Negative Battery Cable		
	54765375	Positive Battery Cable		
	54765383	Positive Jumper Cable		
	35128982	Battery Jumper		

Control System Wiring Diagram

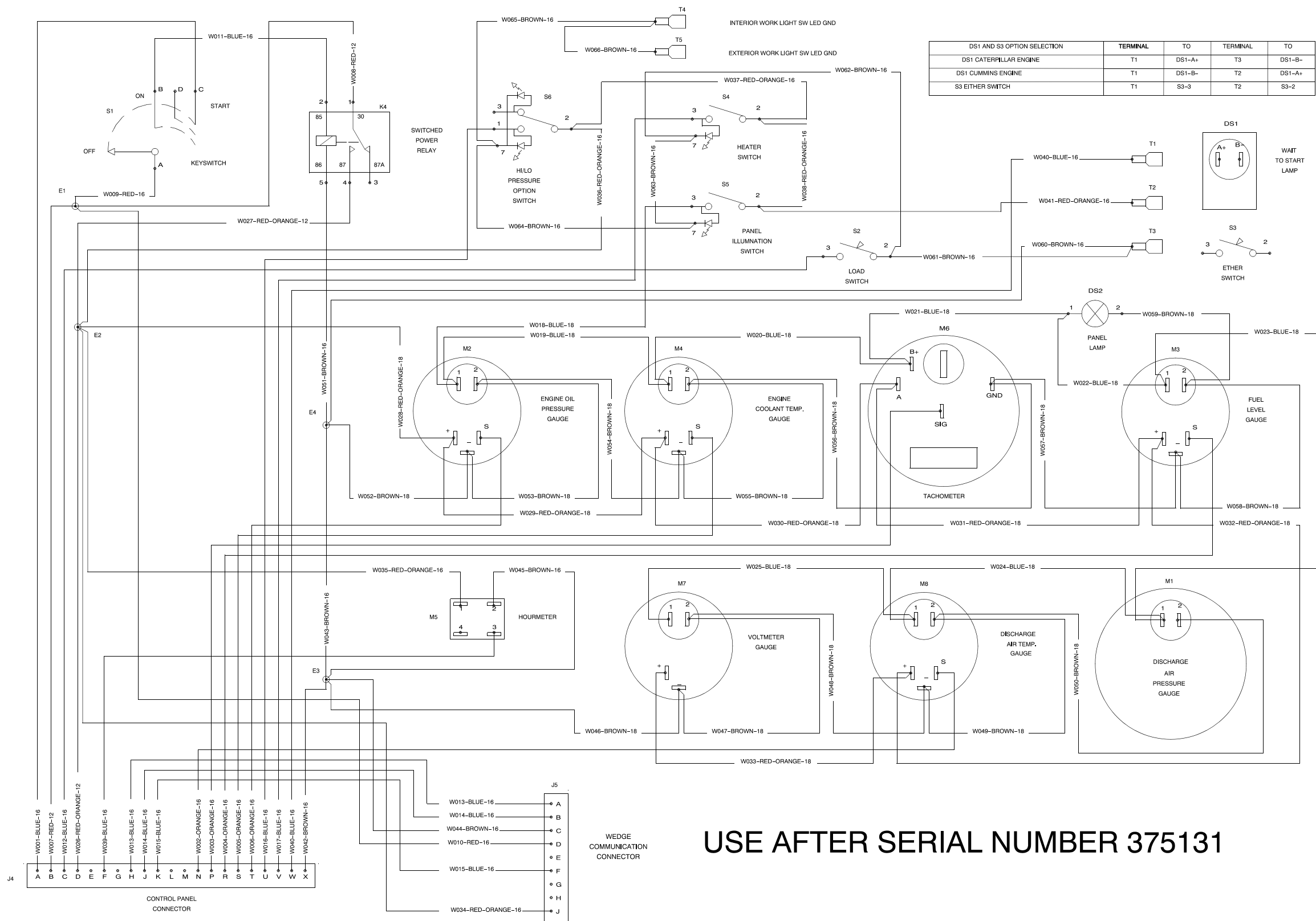


Control System Wiring Diagram

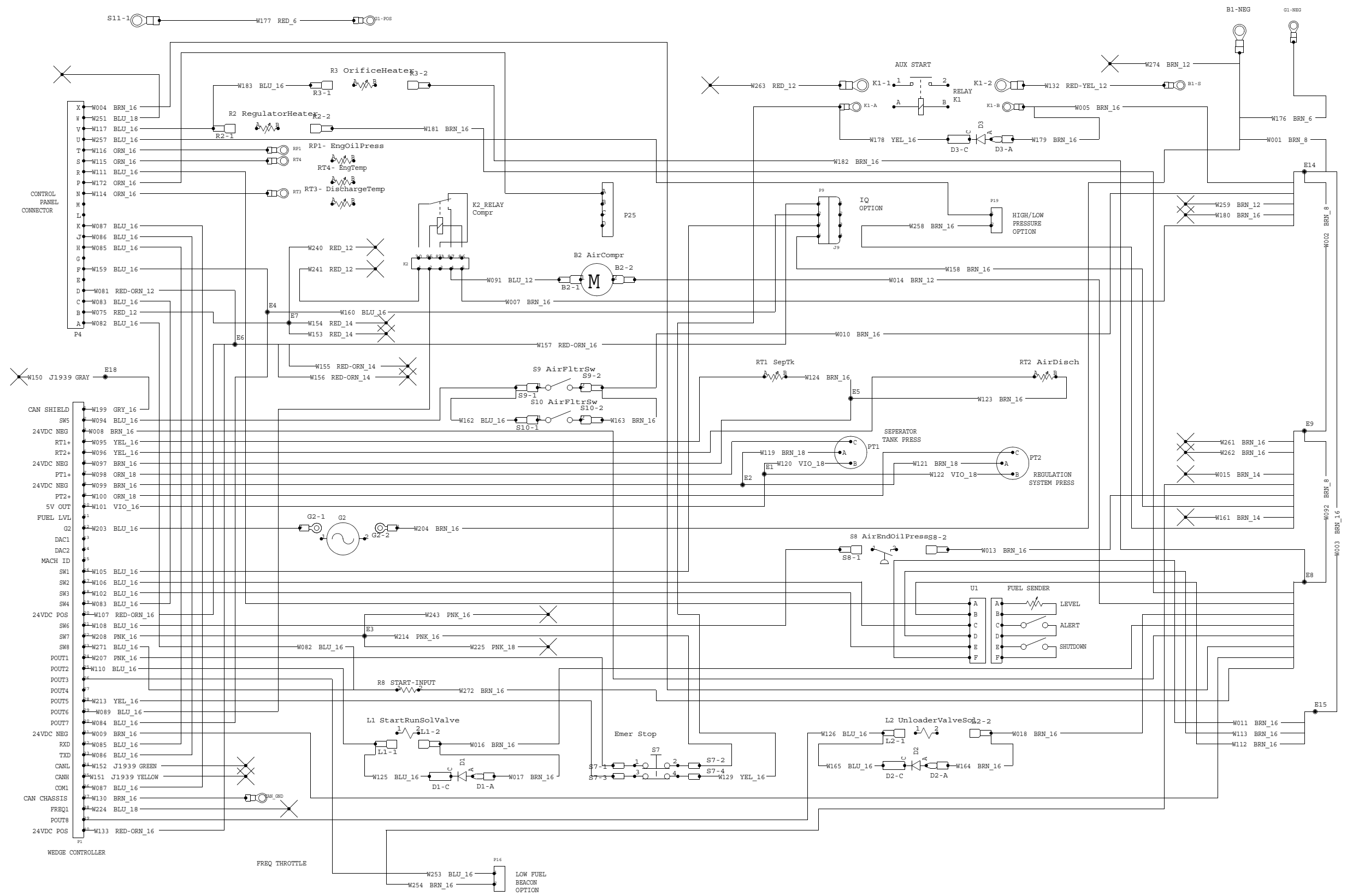


USE BEFORE SERIAL NUMBER 375132

Control System Wiring Diagram

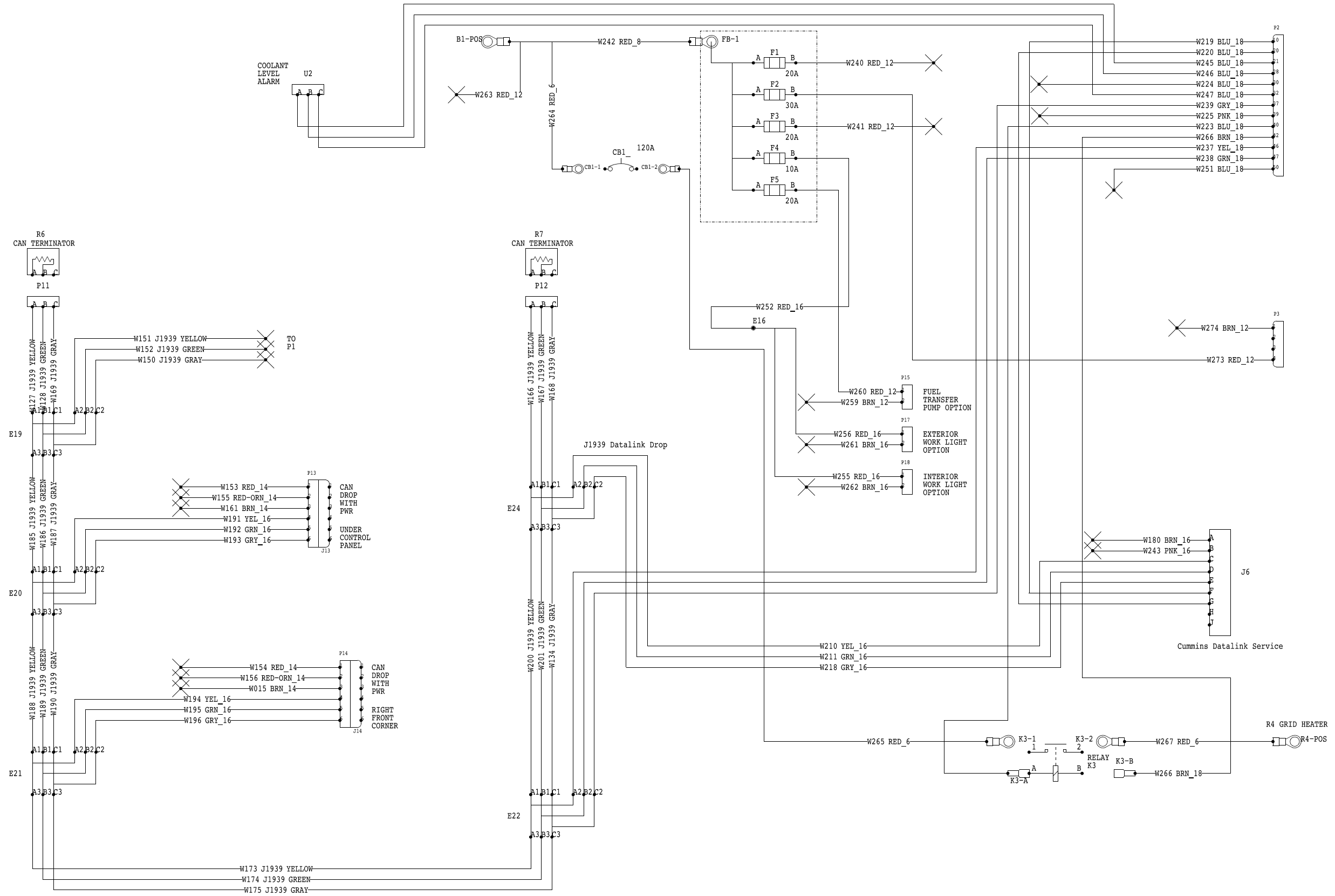


Control System Wiring Diagram



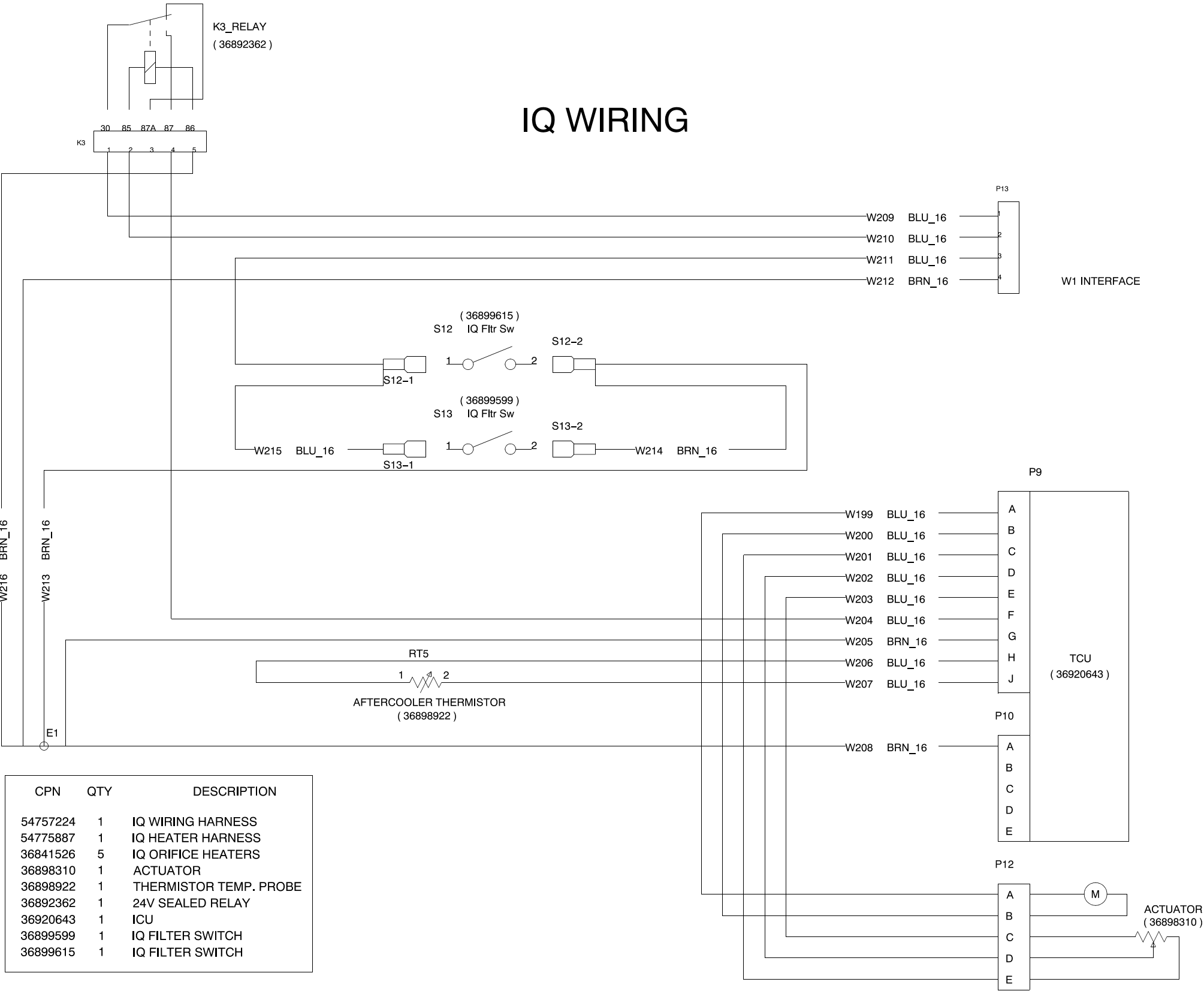
22846505

Control System Wiring Diagram



22846505

IQ Wiring Diagram



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