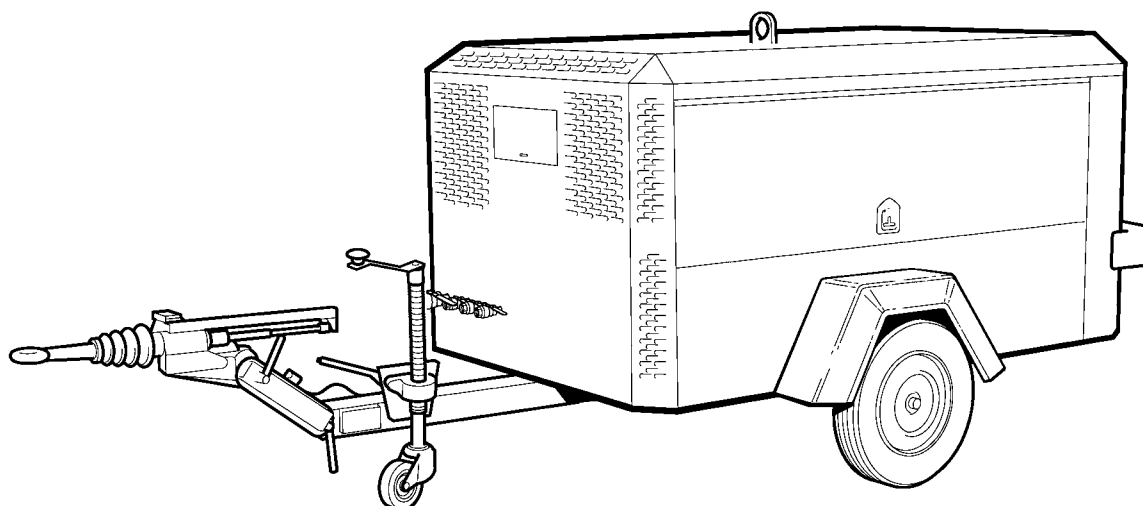




Doosan Infracore
Portable Power



7/120, 9/110, 10/105, 14/85



(GB) PARTS CATALOGUE

(FR) CATALOGUE DE PIÈCES DÉTACHÉES

(NL) ONDERDELENKATALOGUS

(DE) ERSATZTEILLISTE

(PT) LISTA DE PEÇAS

(IT) LISTA RICAMBI

(ES) LISTA DE REPUESTOS

(DK) RESERVEDELSKATALOG

(SE) RESERVEDELSKATALOG

(NO) RESERVEDELSKATALOG

(FI) VARAOSALUETTELO

C.C.N : 23060270
REV : B
DATE : JANUARY 2008
Revised (09-12)

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Section A - Parts Ordering

GENERAL

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

Doosan Infracore Portable Power can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Portable Power service facilities and Ingersoll Rand parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

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

Description

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

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front.

Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

Fasteners

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

How To Order

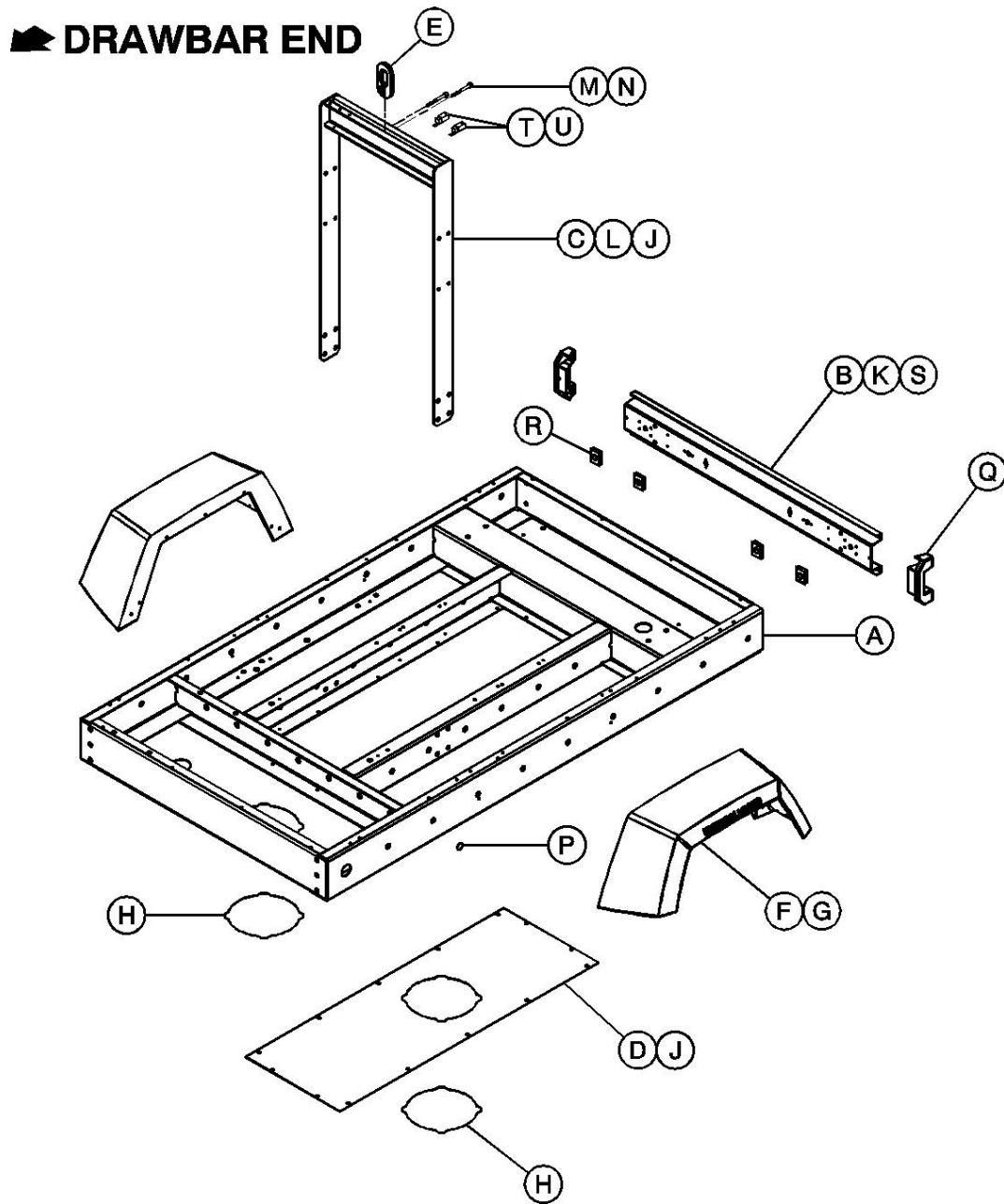
Always specify the model and serial number of the unit.

Specify the part number and description.



Section B - COMPRESSOR PARTS

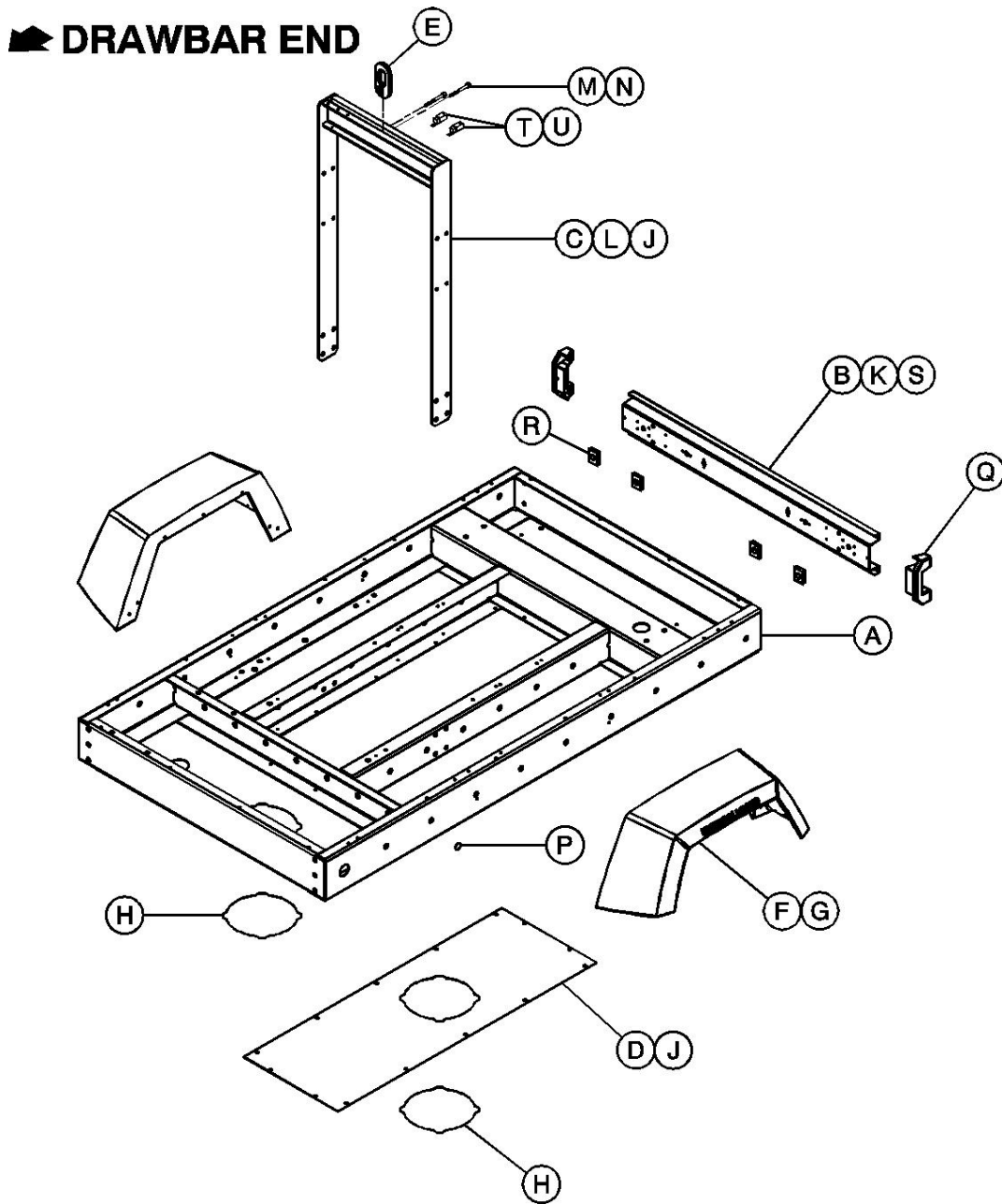
FRAME ASSEMBLY



23060270_01_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22192835	Frame Assembly	1	Included w/ 54738091
B	54737630	Bumper	1	
C	54742010	Lifting Bail	1	
D	54755582	Pan, Middle Belly	1	
E	54742028	Eye, Lifting Bail	1	
F	88016224	Fender 88106224	2	
G	92368687	Screw, Tapping M06-1.0 X 12	10	
H	36880623	Cover, Flexible	2	
J	35279025	Screw, Tapping M08-1.25 X 20	18	
				Continued...

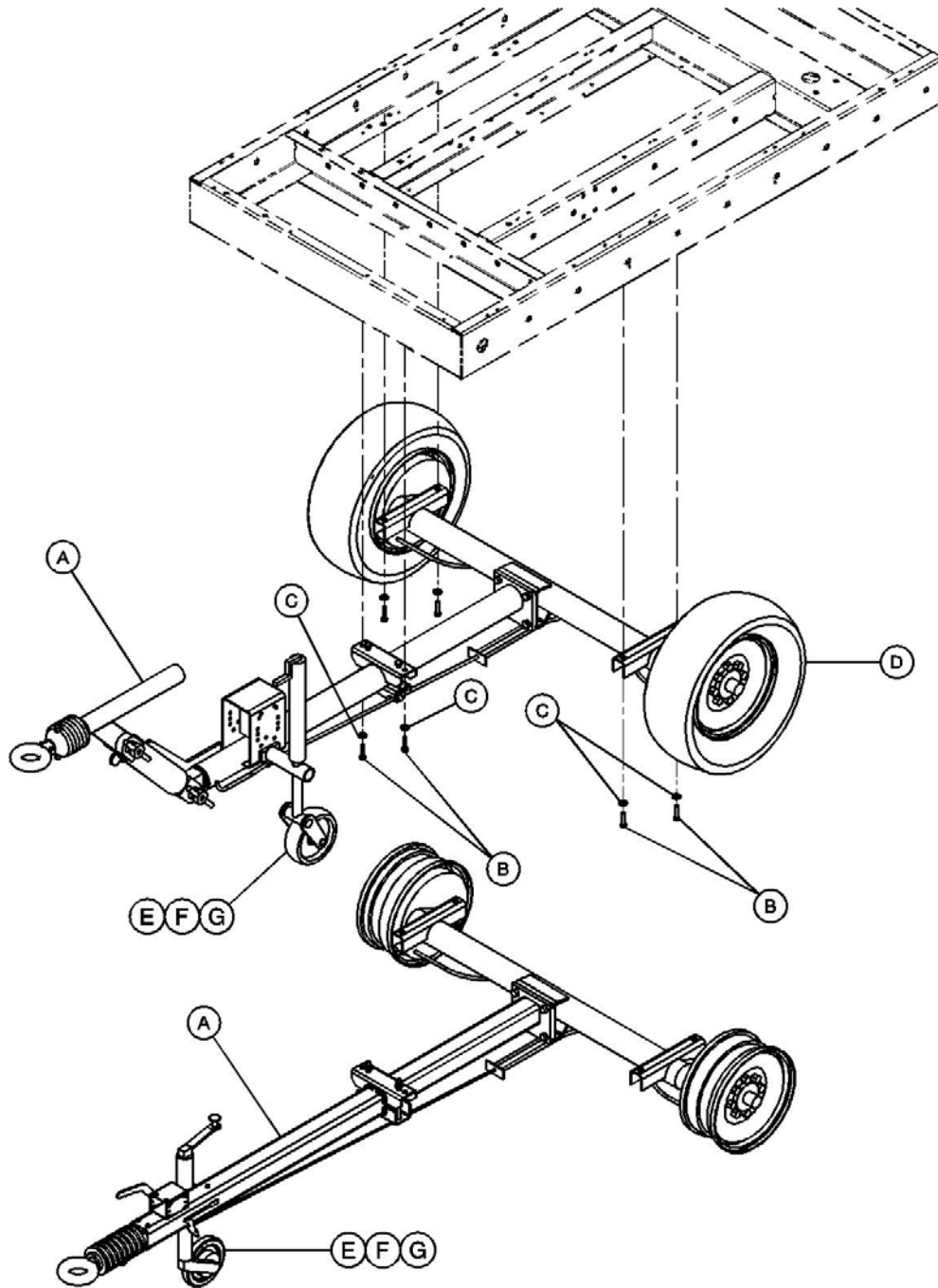
FRAME ASSEMBLY (cont'd)



23060270_01_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35323021	Screw, Socket Head M12-1.75 X 25	4	Included w/ 54738091
L	36879492	Screw, Hex Flange M12-1.75 X 25	8	
M	35290113	Screw, Hex M06-1.0 X 75	2	
N	96701750	Nut, Hex M16-2.0	4	
P	54772041	Plug, Snap-in-Hole	15	
Q	54614870	Stop, Bumper End	2	
R	22539357	Spacer, Bumper	4	
S	95935003	Washer, Flat 1/2"	4	
T	23050099	Relay, Sealed 24V	2	
U	36797652	Screw, Tapping M06-1.0 X 12	2	

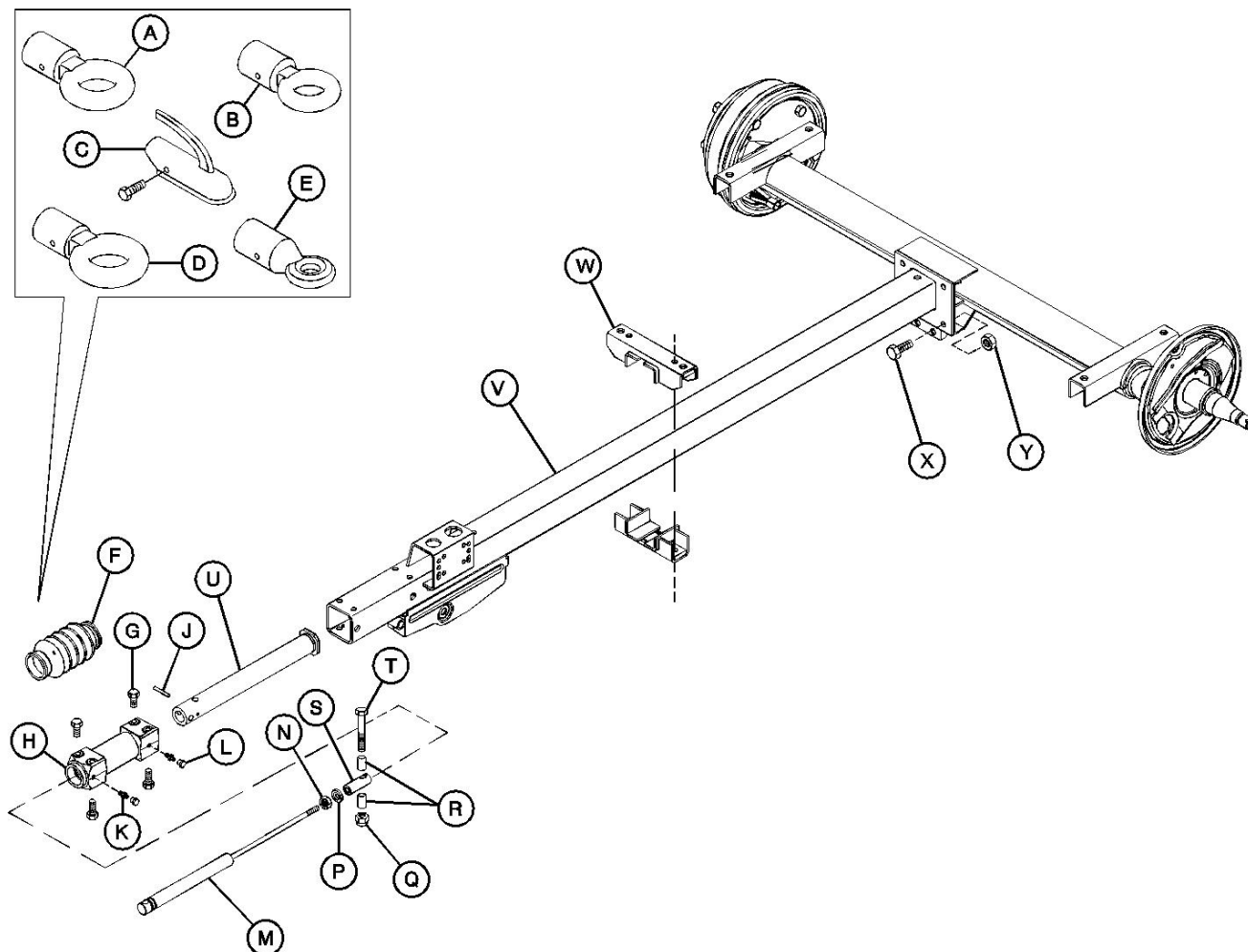
DRAWBAR COMPLETE



23060270_02_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54732508	Running Gear, Fixed Height	1	
	54625330	Running Gear, Varialbe Height	1	
B	35375591	Screw, Hex M16-2.0 X 30	6	
C	95935052	Washer, Flat M16	6	
D	22186449	Tire and Wheel Assembly	2	
E	22182075	Jockey Wheel Assembly	1	
F	35271162	Screw, Hex M08-1.25 X 30	4	
G	36881886	Nut, Hex Flange M08-1.25	4	

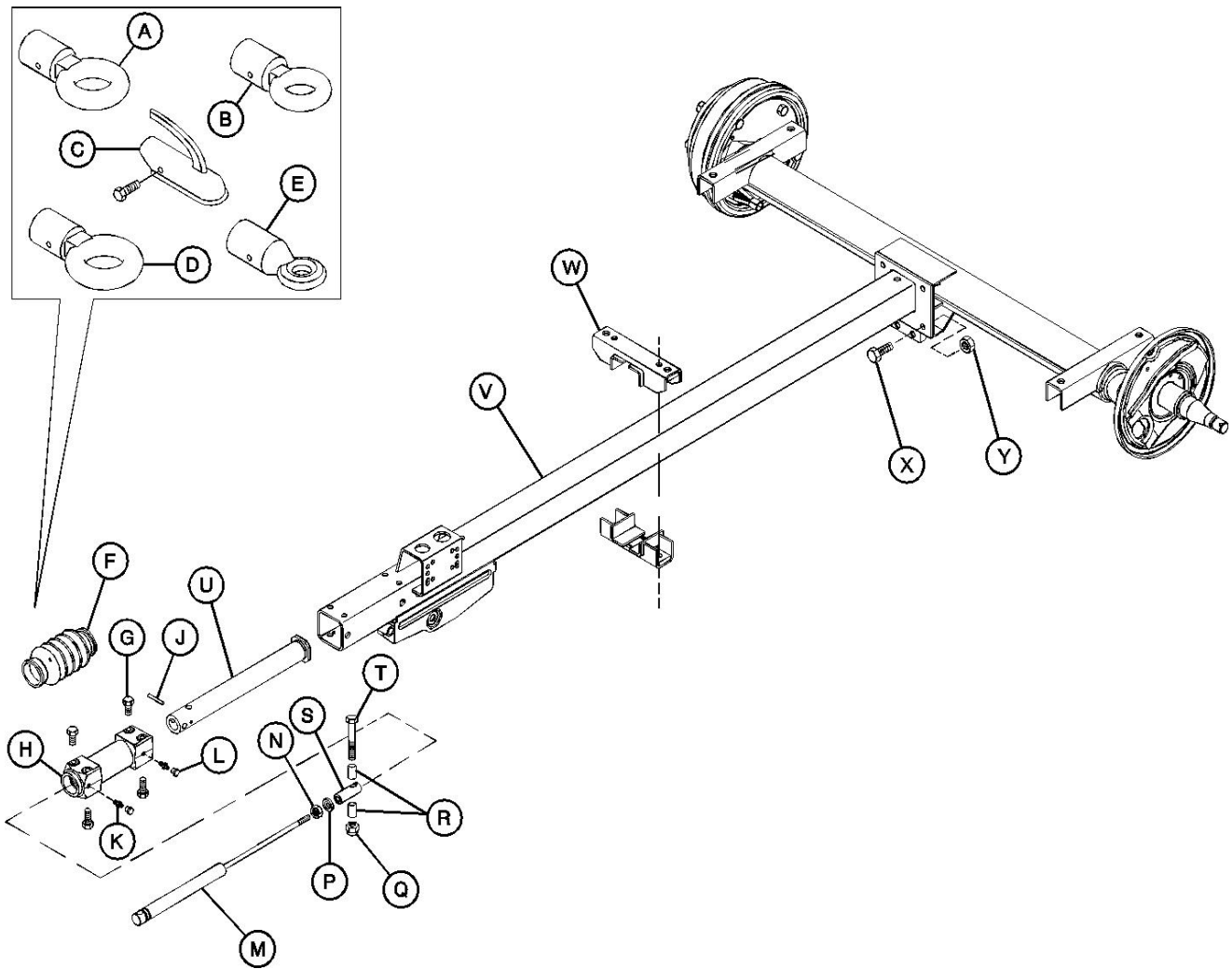
FIXED HEIGHT RUNNING GEAR DRAWBAR



23060270_03_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22207823	Pintel Eye, 68 mm	1	Continued...
B	22177687	Pintel Eye, 50 mm	1	
C	22207815	Coupler, Ball	1	
D	22177620	Pintel Eye, 76 mm	1	
E	22177588	Pintel Eye, 40 mm	1	
F	22051510	Cover	1	
G	22241368	Bolt	8	
H	22250401	Tube	1	
J	22251599	Pin	1	
K	22241095	Nipple	2	
L	22241426	Cap	2	
M	22251219	Damper	1	

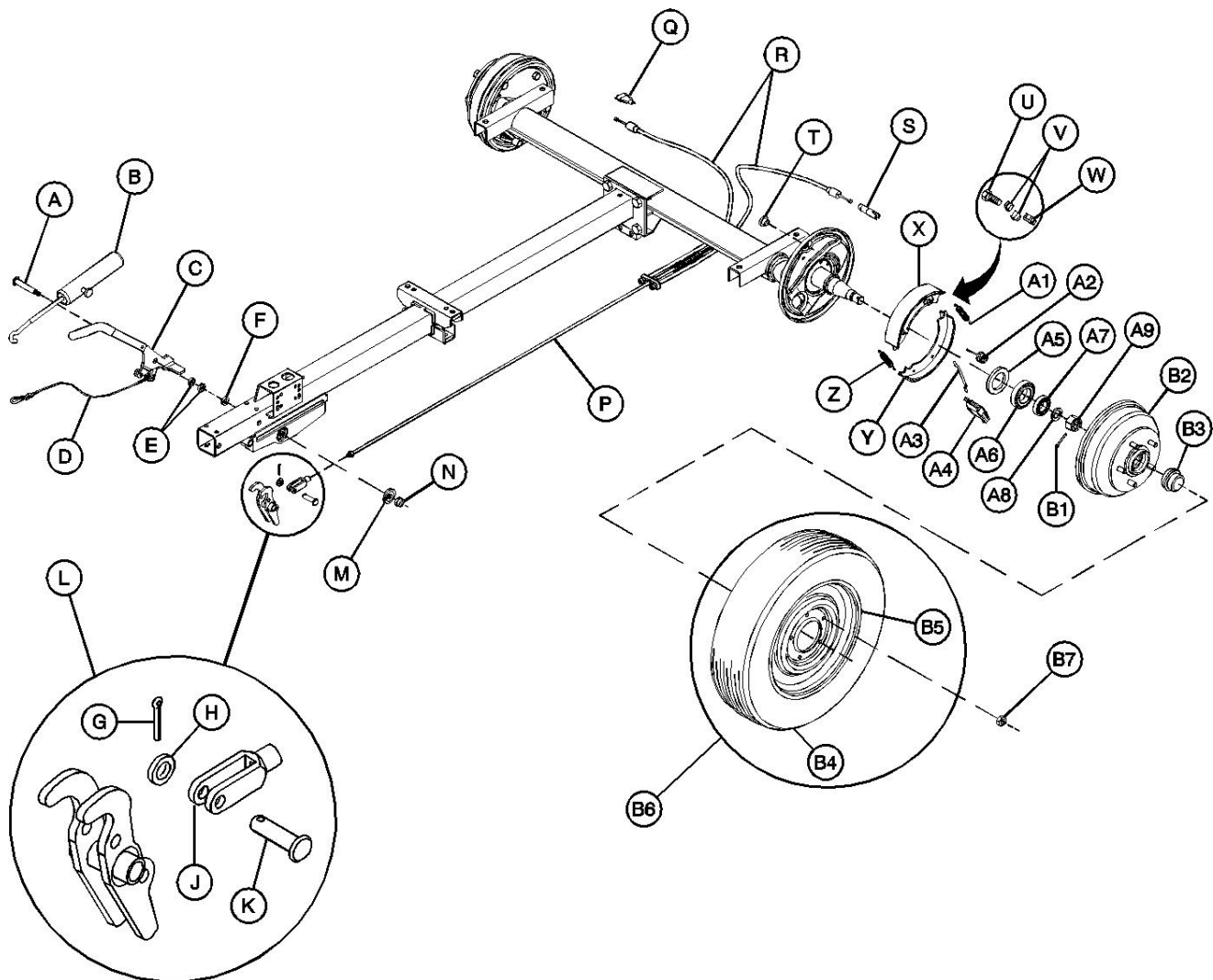
FIXED HEIGHT RUNNING GEAR DRAWBAR (cont'd)



23060270_03_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22051577	Locknut	1	
P	22051585	Washer	1	
Q	22051494	Locknut	1	
R	22051551	Bushing	2	
S	22051544	Joint	1	
T	22251409	Bolt	1	
U	22251284	Slider	1	
V	80026149	Drawbar	1	
W	22250567	Clamp	1	
X	22251516	Screw	4	
Y	22251540	Nut	4	

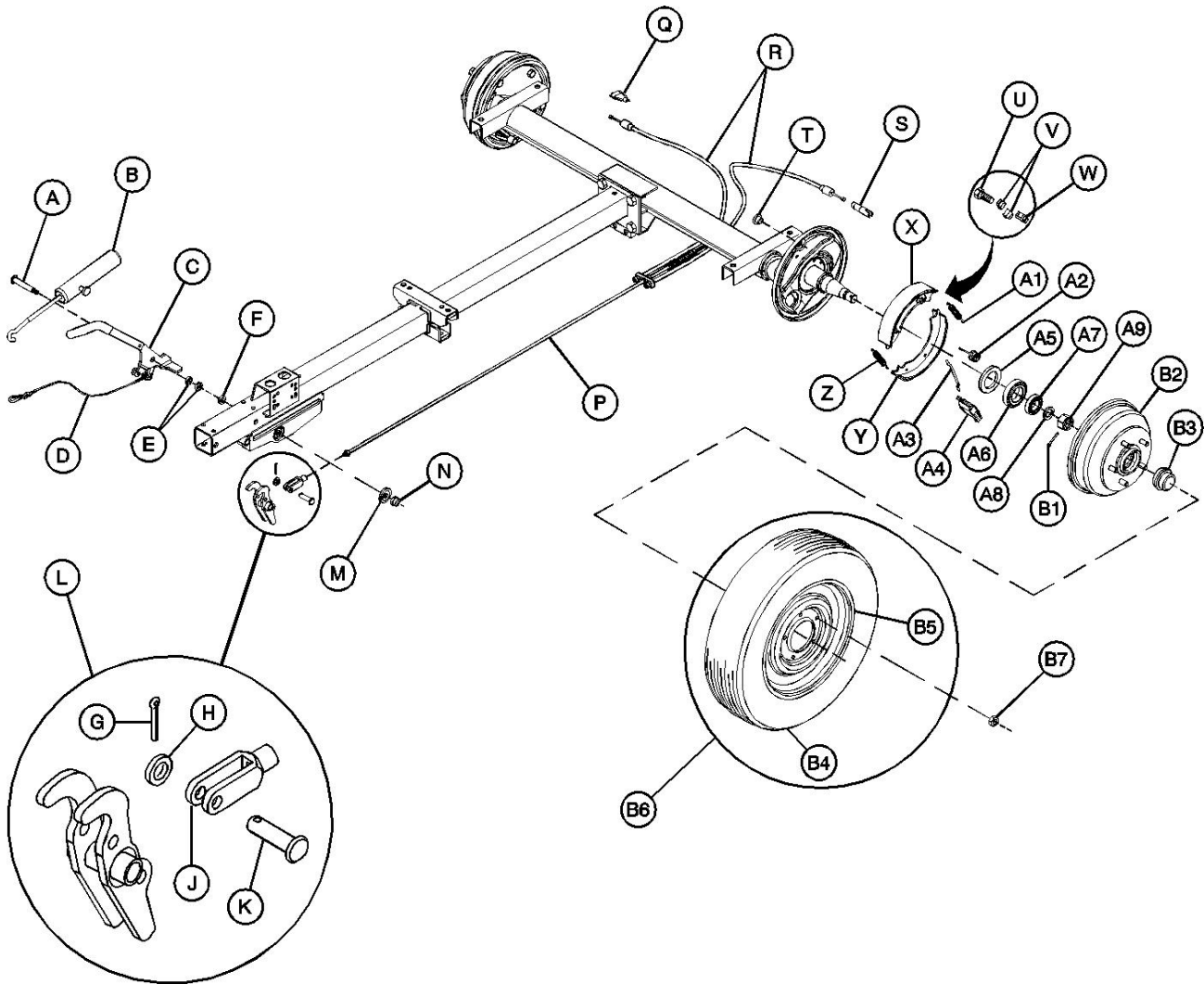
FIXED HEIGHT RUNNING GEAR BRAKES



23060270_04_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22250799	Bolt	1	
B	22251292	Spring	1	
C	22051833	Lever, Handbrake	1	
D	22051841	Cable	1	
E	22241376	Washer	2	
F	22051882	Washer	3	
G	22251532	Pin	1	
H	22241491	Washer	1	
J	22251318	Clevis	1	
K	22241160	Pin	1	
L	22251276	Lever Assembly, Parking Brake	1	
M	22241194	Washer	1	
N	22051494	Locknut	1	
				Continued...

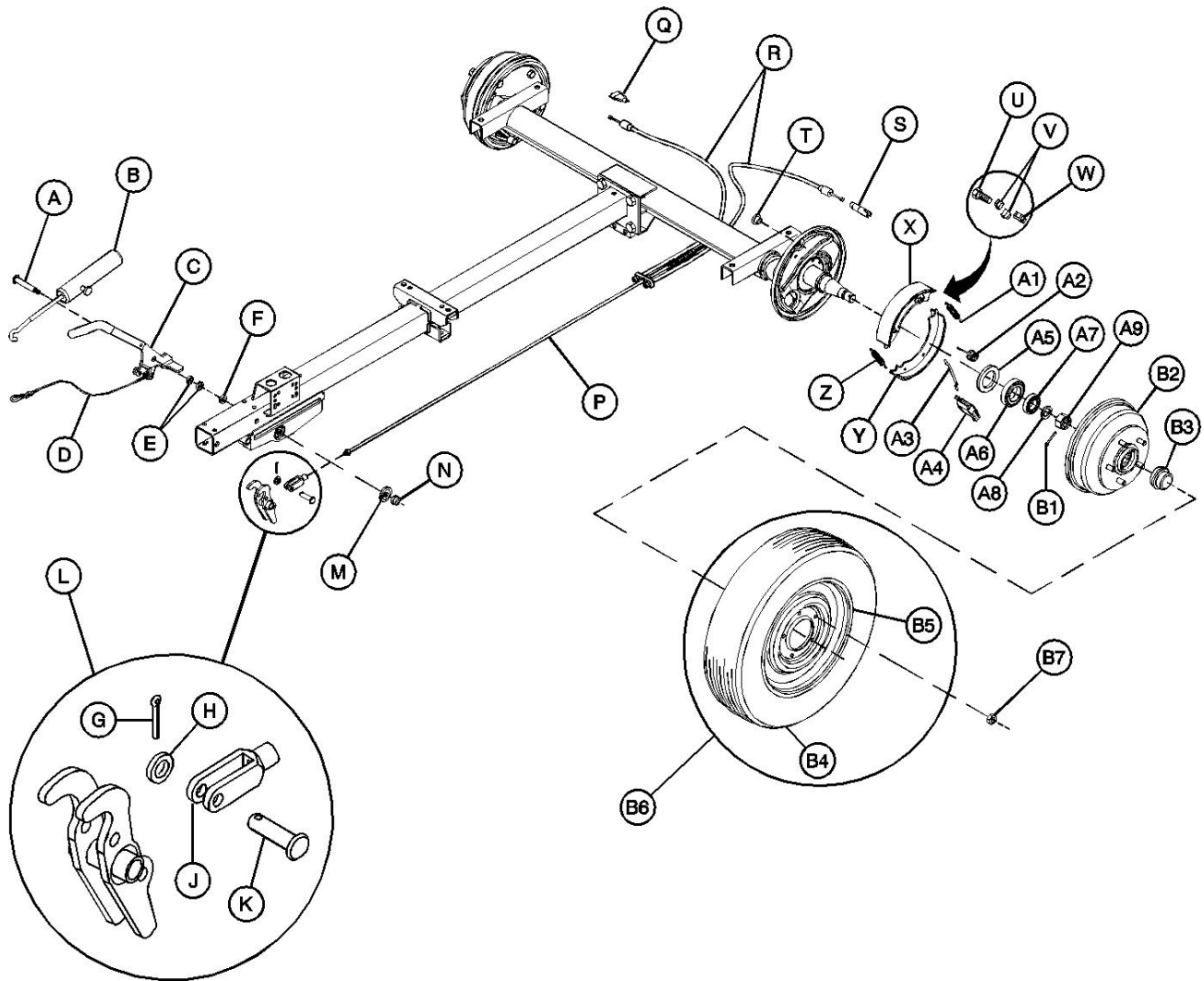
FIXED HEIGHT RUNNING GEAR BRAKES (cont'd)



23060270_04_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22250773	Compensator	1	<i>Continued...</i>
Q	22250617	Cover	2	
R	22250633	Cable	2	
S	22250922	Eye	2	
T	22250914	Cover	4	
U	22250955	Screw	2	
V	22250658	Key	4	
W	22250948	Taper	2	
X	22250351	Shoe, Front Brake	2	
Y	22250344	Shoe, Rear Brake	2	
Z	22250377	Spring, Lower	2	
A1	22250369	Spring, Upper	2	
A2	22250963	Spring	2	
A3	22250849	Rod	2	

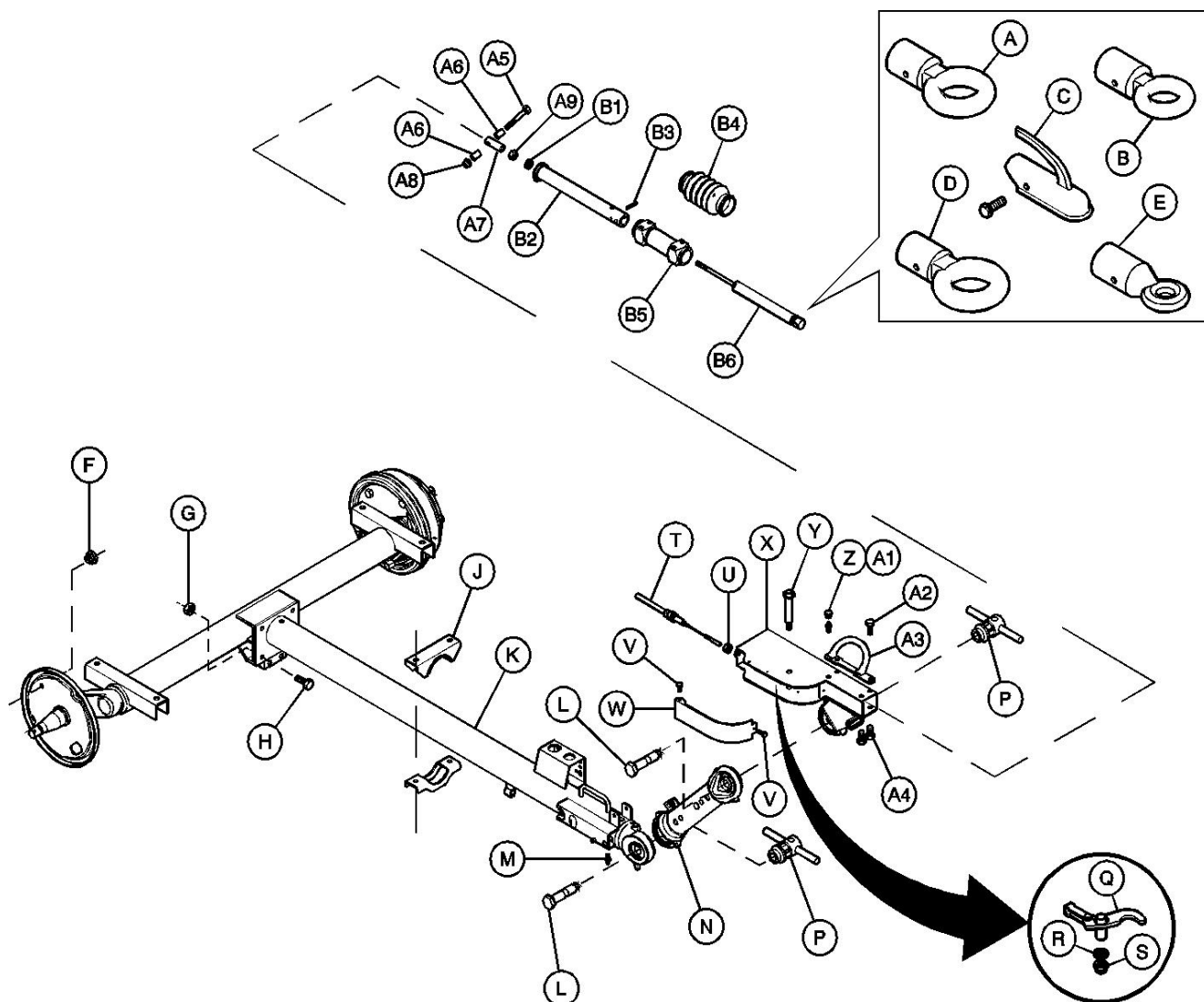
FIXED HEIGHT RUNNING GEAR BRAKES (cont'd)



23060270_04_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A4	22250872	Lever	2	
A5	22250831	Spacer	2	
A6	22250989	Bearing	2	
A7	22250971	Bearing	2	
A8	22250856	Washer	2	
A9	22251003	Locknut	2	
B1	22251524	Pin	2	
B2	22250385	Drum	2	
B3	22250880	Cap	2	
B4	22186431	Tire	2	
B5	22242291	Wheel	2	
B6	22186449	Tire and Wheel Assembly	2	
B7	22251011	Nut	10	

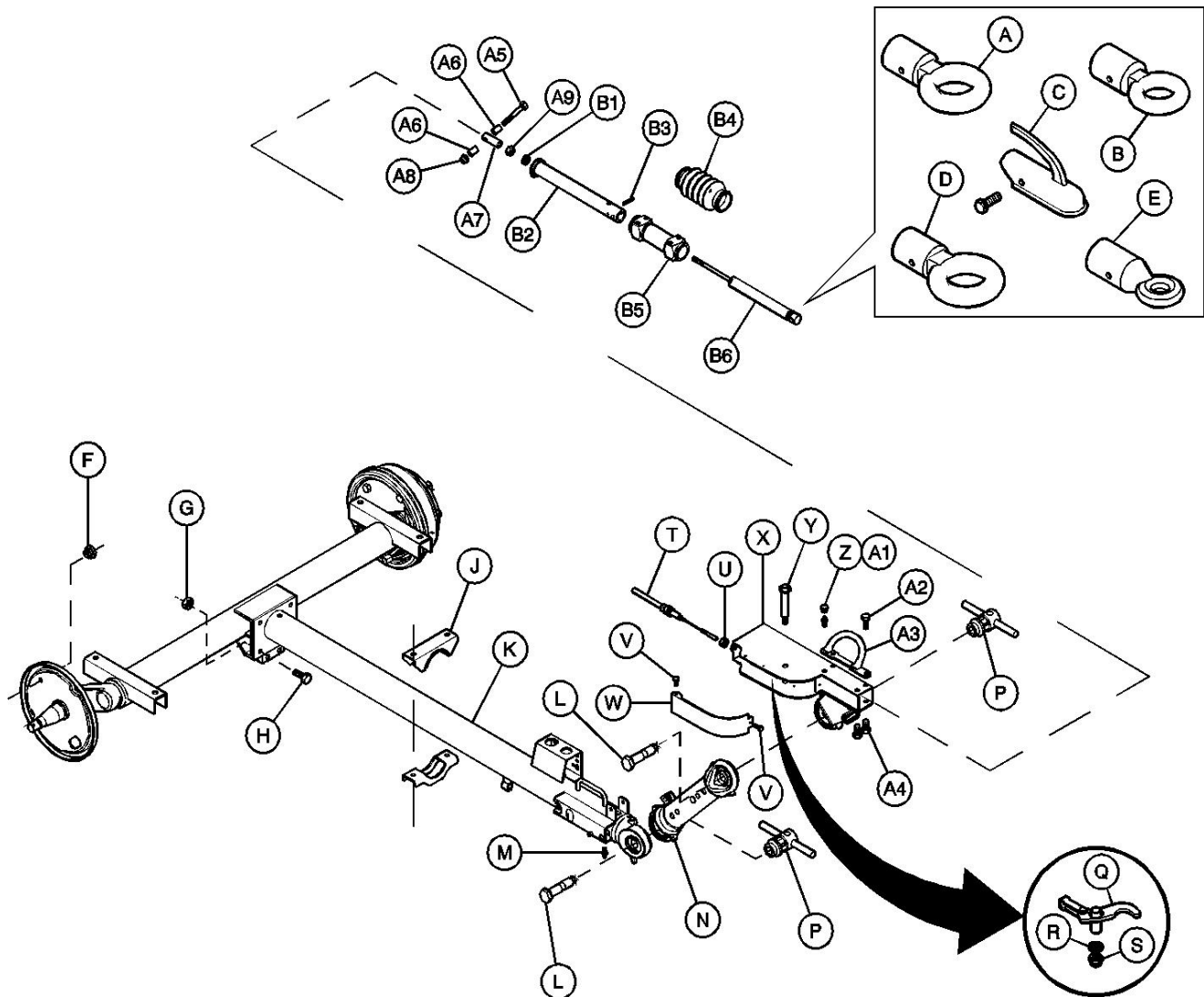
VARIABLE HEIGHT RUNNING GEAR DRAWBAR



23060270_05_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54774534	Pintel Eye, 68 mm	1	<i>Continued...</i>
B	54774518	Pintel Eye, 50 mm	1	
C	22177554	Coupler, Ball	1	
D	54774542	Pintel Eye, 76 mm	1	
E	54774500	Pintel Eye, 40 mm	1	
F	22250914	Cover	4	
G	22251540	Nut	4	
H	22251490	Bolt	4	
J	22250435	Clamp	1	
K	22250476	Drawbar	1	
L	22241178	Bolt	2	
M	22241400	Nipple	1	
N	22250500	Link, Adjustable	1	

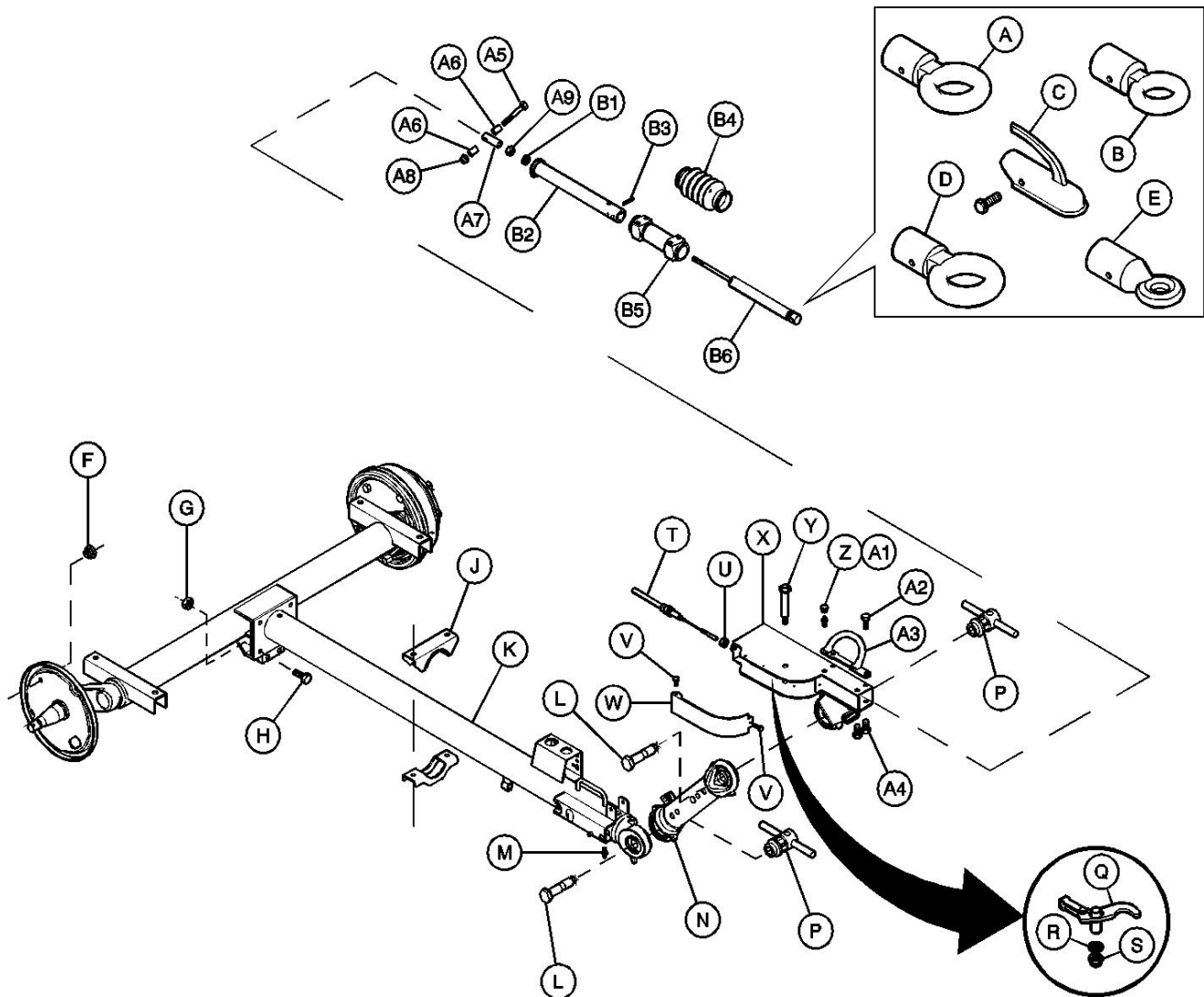
VARIABLE HEIGHT RUNNING GEAR DRAWBAR (cont'd)



23060270_05_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22251250	Handle	2	Continued...
Q	22066914	Lever	1	
R	22251342	Washer	1	
S	22051494	Locknut	1	
T	22251268	Cable, Brake	1	
U	22051577	Locknut	1	
V	22241533	Screw	3	
W	22241046	Cover	1	
X	22250484	Coupling Assembly	1	
Y	22241503	Bolt	1	
Z	22241095	Nipple	2	
A1	22241426	Cap	3	
A2	22051544	Joint	2	

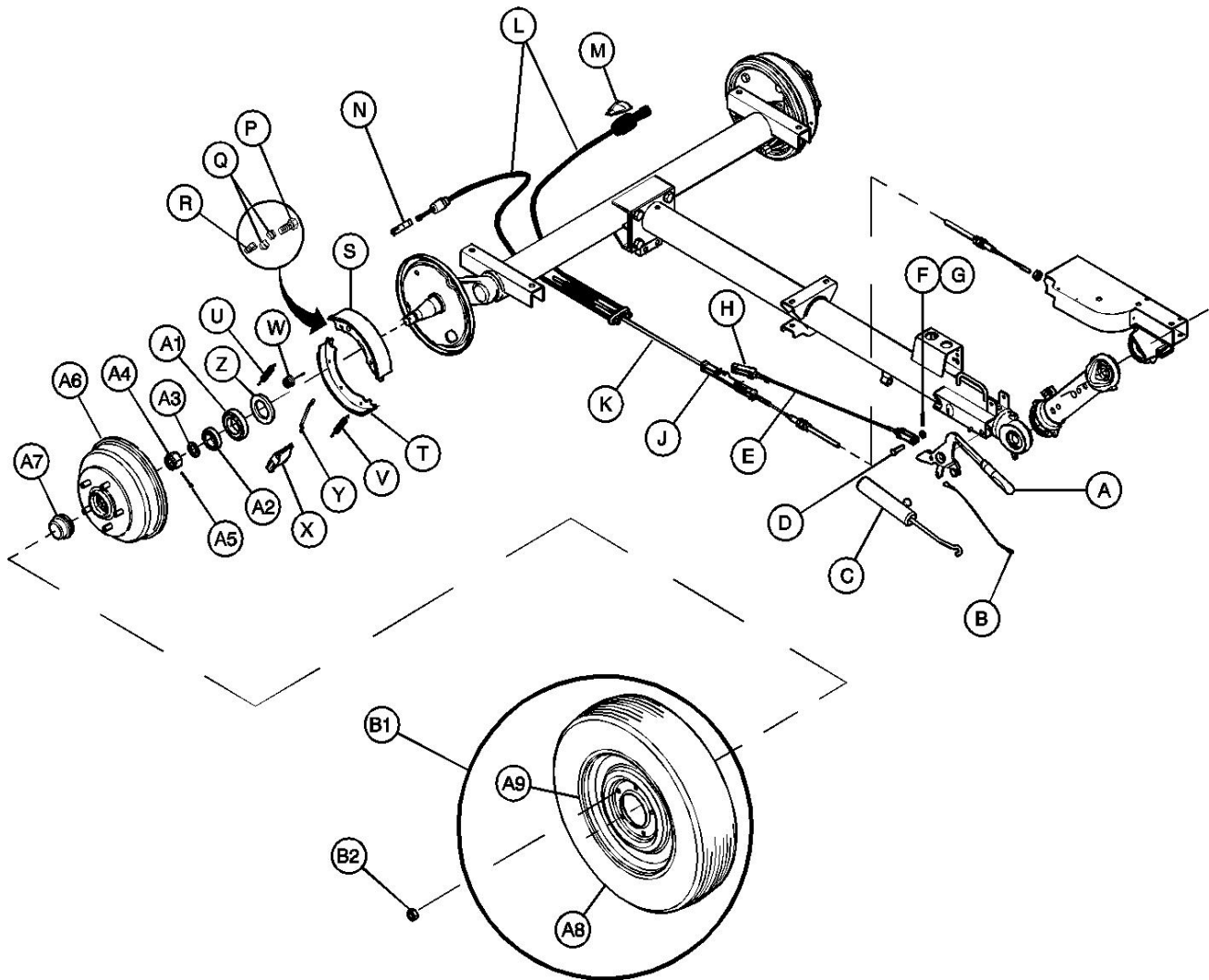
VARIABLE HEIGHT RUNNING GEAR DRAWBAR (cont'd)



23060270_05_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A3	22241434	Handle	1	
A4	22241343	Screw	4	
A5	22241541	Bolt	1	
A6	22051551	Bushing	2	
A7	22051544	Joint	1	
A8	22051494	Locknut	1	
A9	22051577	Locknut	1	
B1	22051585	Washer	1	
B2	22251334	Slider	1	
B3	22241517	Pin	1	
B4	22051510	Cover	1	
B5	22250427	Tube	1	
B6	22251235	Damper	1	

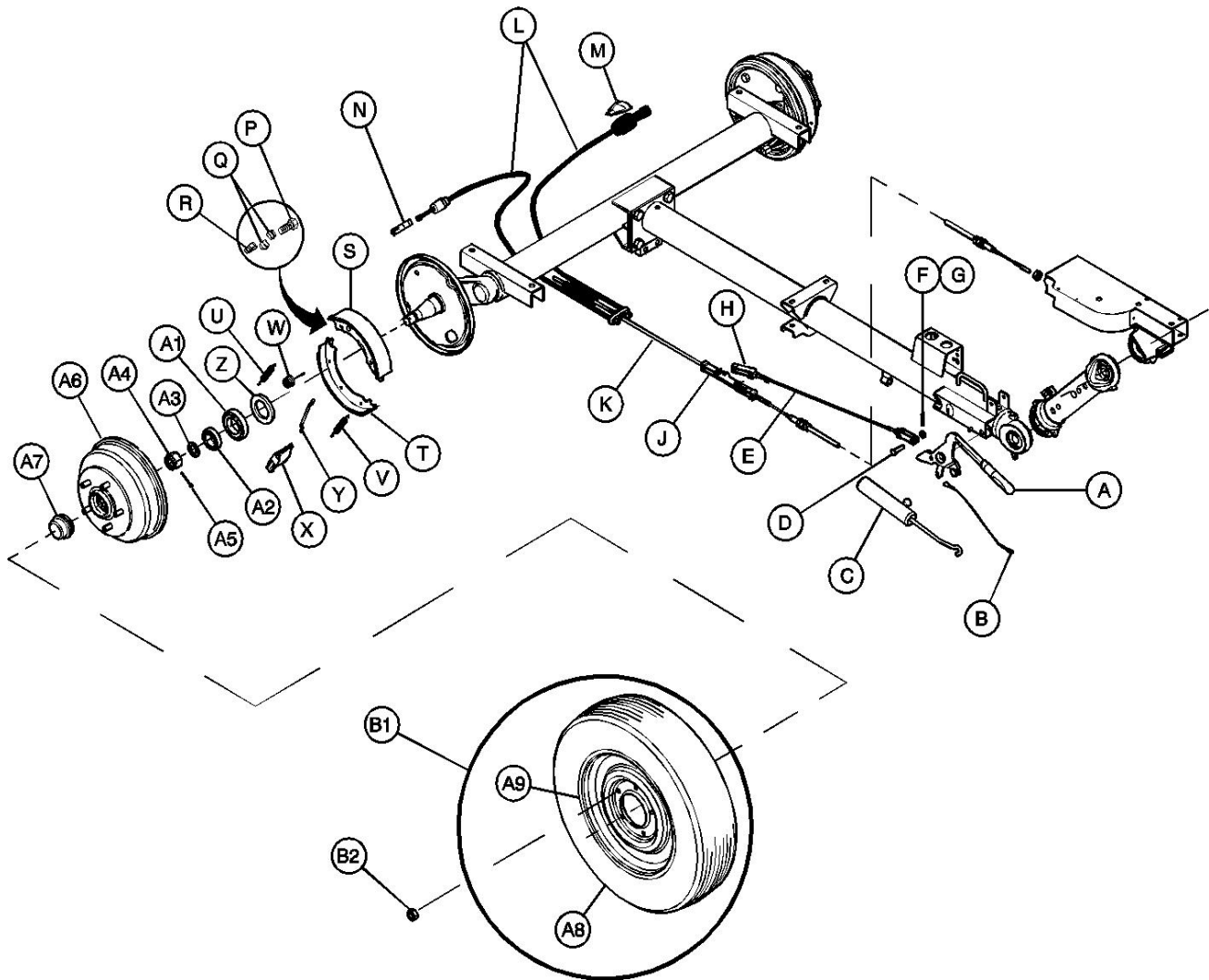
VARIABLE HEIGHT RUNNING GEAR BRAKES



23060270_06_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22066823	Lever, Handbrake	1	Continued...
B	22041418	Cable	1	
C	22251292	Spring	1	
D	22241160	Pin	1	
E	22041152	Cable	1	
F	22241491	Washer	1	
G	22251532	Pin	2	
H	22251318	Clevis	2	
J	22251268	Cable, Brake	1	
K	22250591	Compensator	1	
L	22250633	Cable	2	
M	22250617	Cover	2	

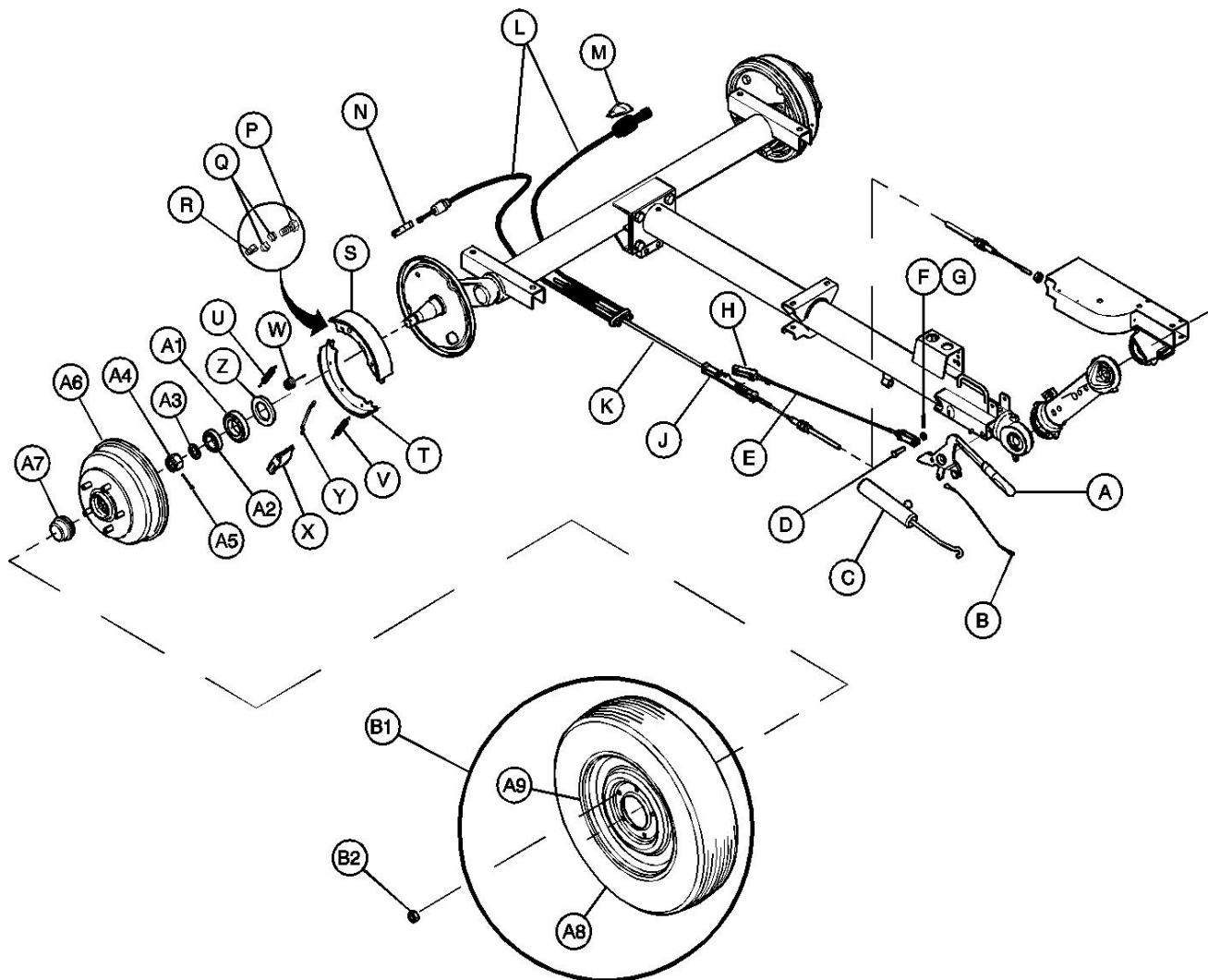
VARIABLE HEIGHT RUNNING GEAR BRAKES (cont'd)



23060270_06_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22250922	Eye	2	Continued...
P	22250955	Screw	2	
Q	22250658	Key	4	
R	22250948	Taper	2	
S	22250351	Shoe, Front Brake	2	
T	22250344	Shoe, Rear Brake	2	
U	22250369	Spring, Upper	2	
V	22250377	Spring, Lower	2	
W	22250963	Spring	2	
X	22250872	Lever	2	
Y	22250849	Rod	2	
Z	22250831	Spacer	2	

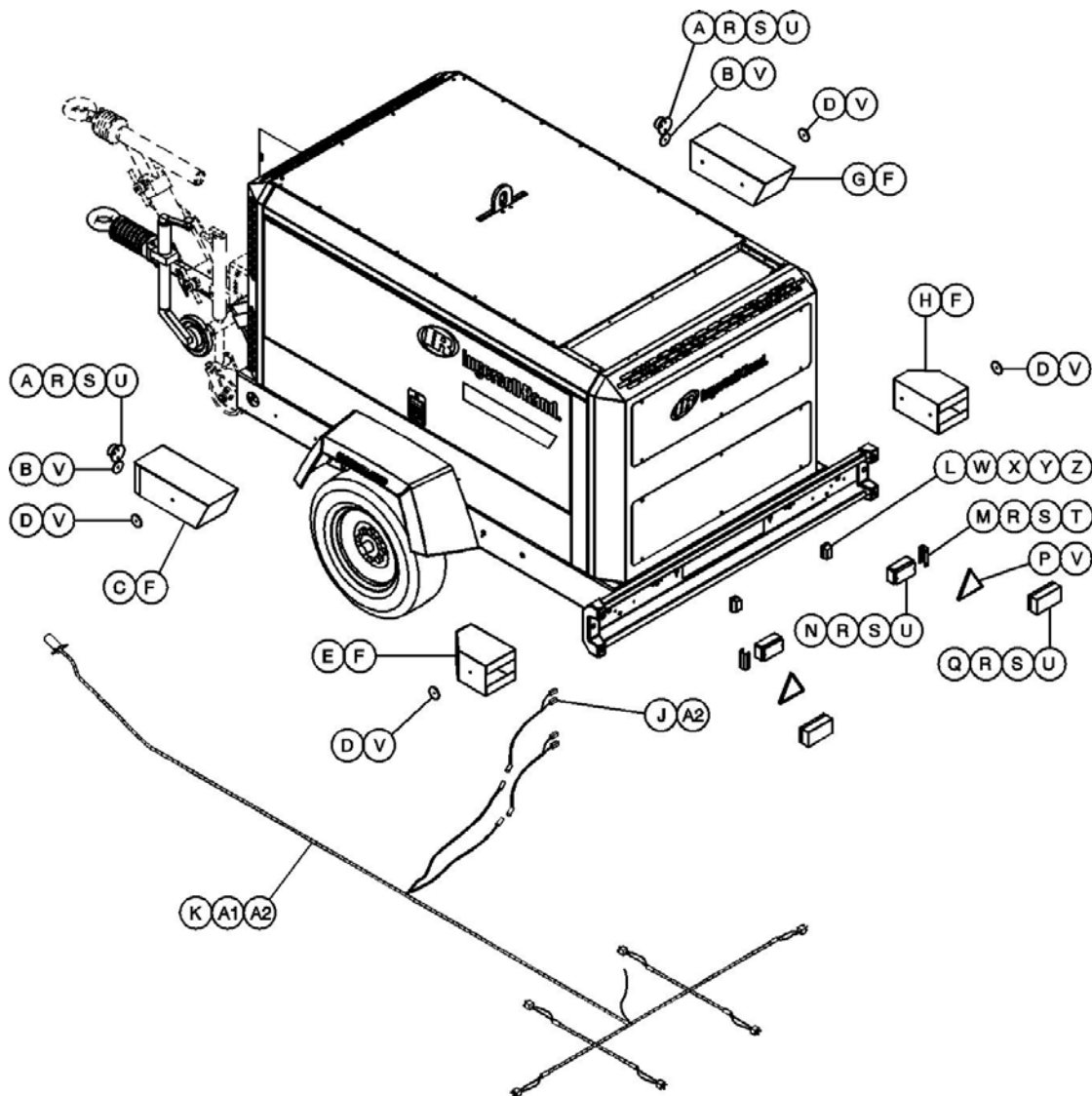
VARIABLE HEIGHT RUNNING GEAR BRAKES (cont'd)



23060270_06_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A1	22250989	Bearing	2	
A2	22250971	Bearing	2	
A3	22250856	Washer	2	
A4	22251003	Locknut	2	
A5	22251524	Pin	2	
A6	22250385	Drum	2	
A7	22250880	Cap	2	
A8	22186431	Tire	2	
A9	22242291	Wheel	2	
B1	22186449	Tire and Wheel Assembly	2	
B2	22251011	Nut	10	

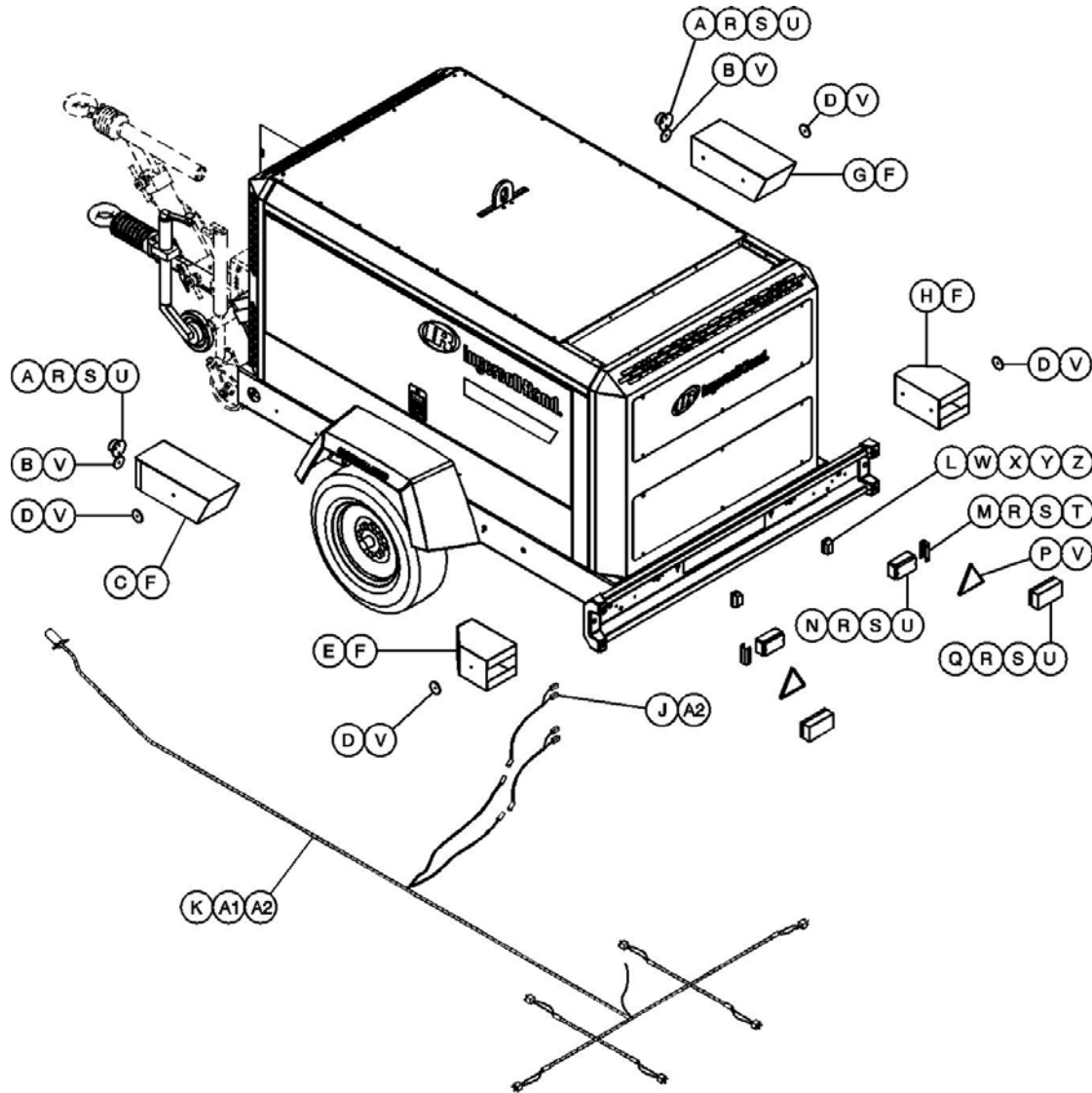
BRAKE LIGHT WIRING



23060270_07_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	92121250	Light, Front Side	2	
B	92085729	Reflector, White	2	
C	54715891	Pod, LH Front Side	1	
D	92121243	Reflector, Amber	4	
E	22074538	Pod, LH Rear Side	1	
F	35279025	Screw, Tapping M08-1.25 X 20	8	
G	54716592	Pod, RH Front Side	1	
H	22084024	Pod, RH Rear Side	1	
J	54477740	Harness, Front Side	2	
K	22473454	Harness, Rear Bumper	1	Included w/ Bumper Asm
L	92901230	Lamp, Registration Plate	2	Included w/ Bumper Asm
M	22073183	Bracket, Triangle Spacer	2	Included w/ Bumper Asm
N	93477388	Lamp, Rear Fog	2	Included w/ Bumper Asm
Continued...				

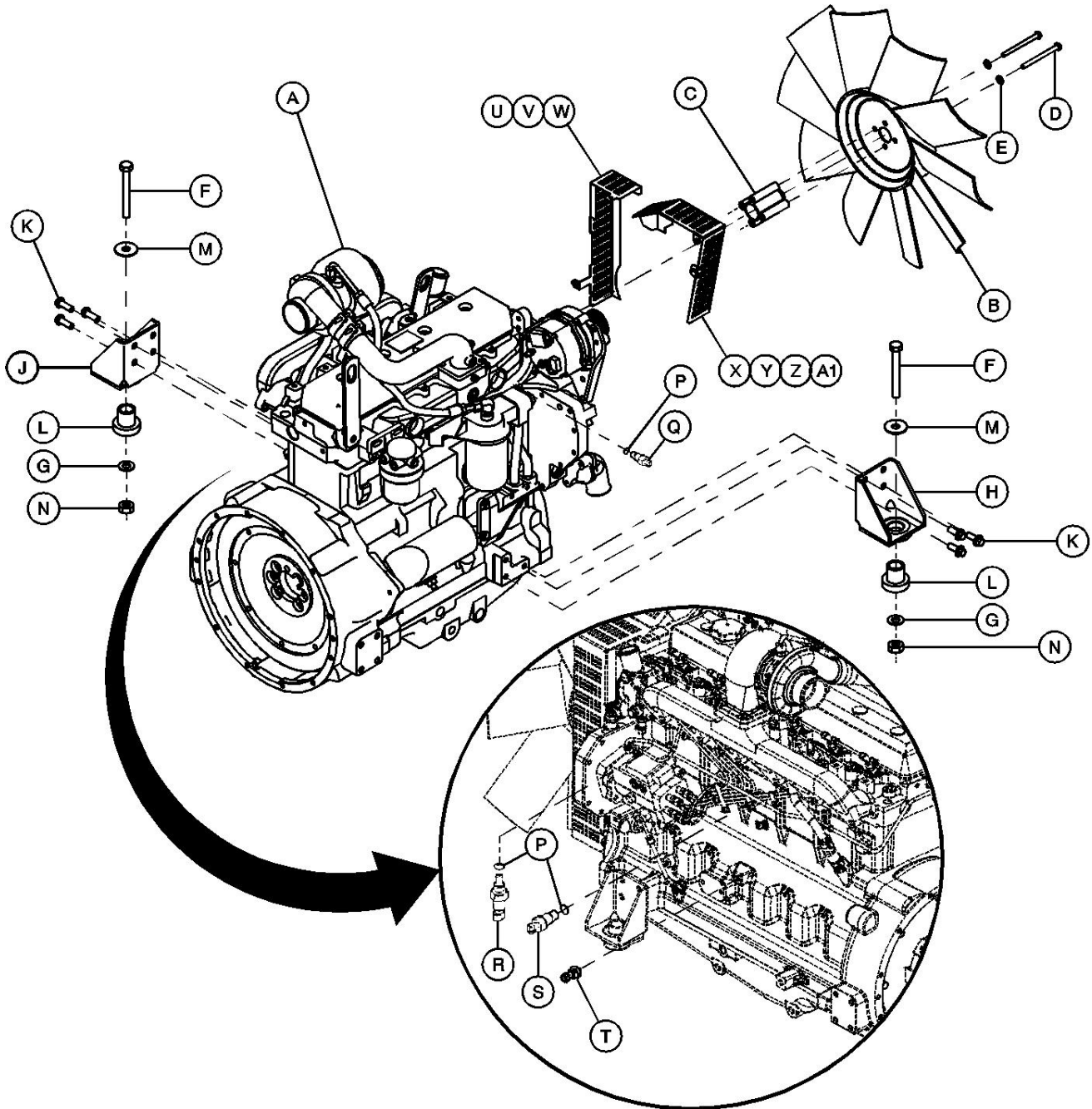
BRAKE LIGHT WIRING (cont'd)



23060270_07_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	92721331	Triangle, Reflector Warning	2	Included w/ Bumper Asm
Q	92901222	Lamp, Stop / Tail / Direction	2	Included w/ Bumper Asm
R	92304583	Washer, M05 Flat	20	Included w/ Bumper Asm
S	92304492	Nut, Hex M05-0.8	20	Included w/ Bumper Asm
T	96705728	Screw, Hex M05-0.8 X 16	4	Included w/ Bumper Asm
U	96743265	Screw, Hex Socket Cap M05-0.8 X 16	16	Included w/ Bumper Asm
V	92271915	Rivet, 3/16 X 1/2	10	Included w/ Bumper Asm
W	96703756	Nut, Hex M04-0.7	4	Included w/ Bumper Asm
X	96745237	Washer, M04 Lock	4	Included w/ Bumper Asm
Y	96705173	Screw, Hex M04-0.7 X 16	4	Included w/ Bumper Asm
Z	96705165	Washer, M04 Flat	4	Included w/ Bumper Asm
A1	35225093	Clamp, 1/2" Rubber Support	5	
A2	92253194	Clamp, Hose	8	

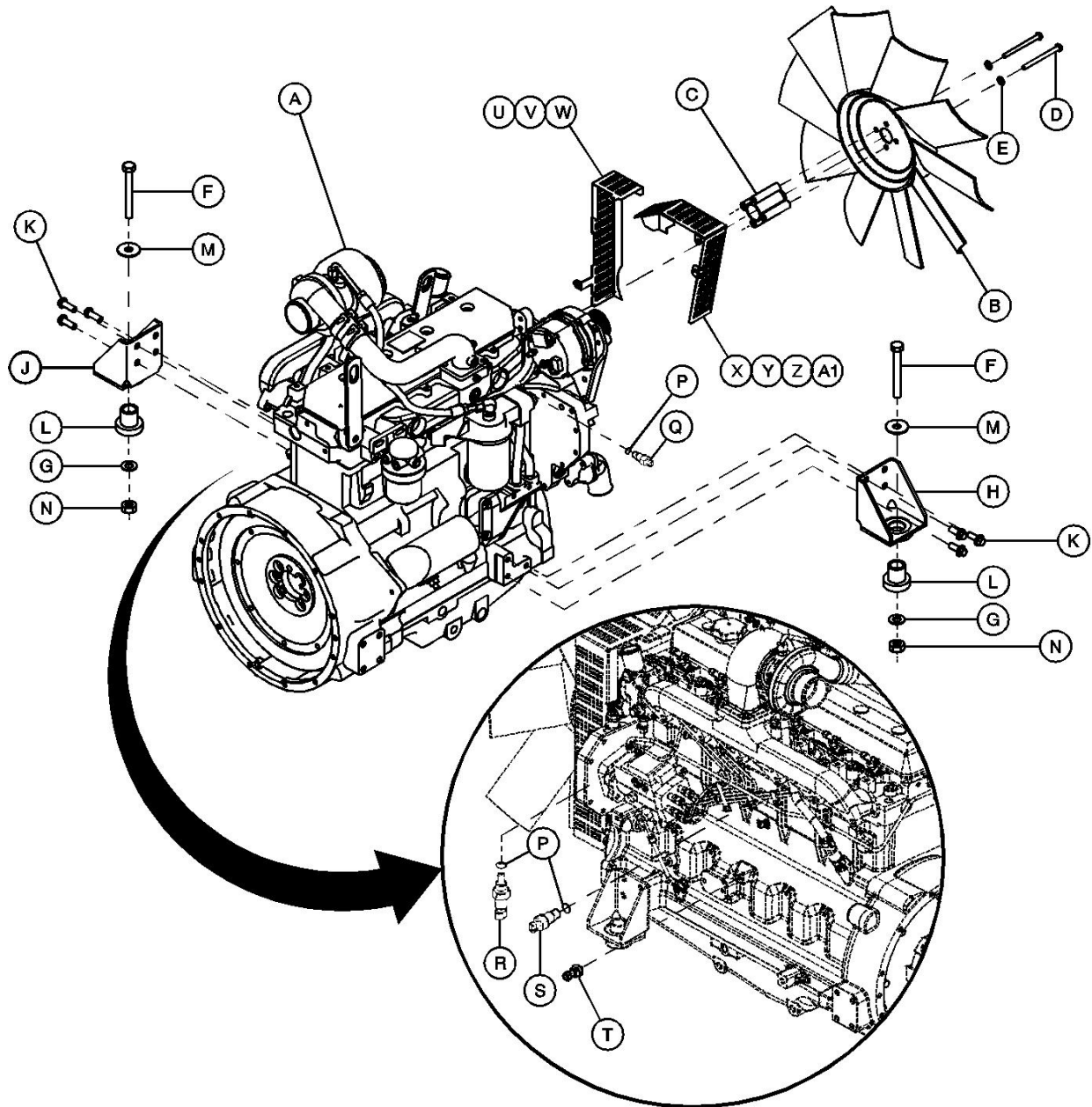
ENGINE COMPLETE



23060270_08_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22884605	Engine	1	
B	22748578	Fan	1	
C	22743439	Spacer, Fan	1	
D	35288422	Screw, Hex M08-1.25 X 80	4	
E	96701396	Washer, Flat M08	4	
F	96701503	Screw, Hex M16-2.0 X 90	2	
G	95935052	Washer, Flat M16	2	
H	54756739	Mount, STSD Engine	1	
				Continued...

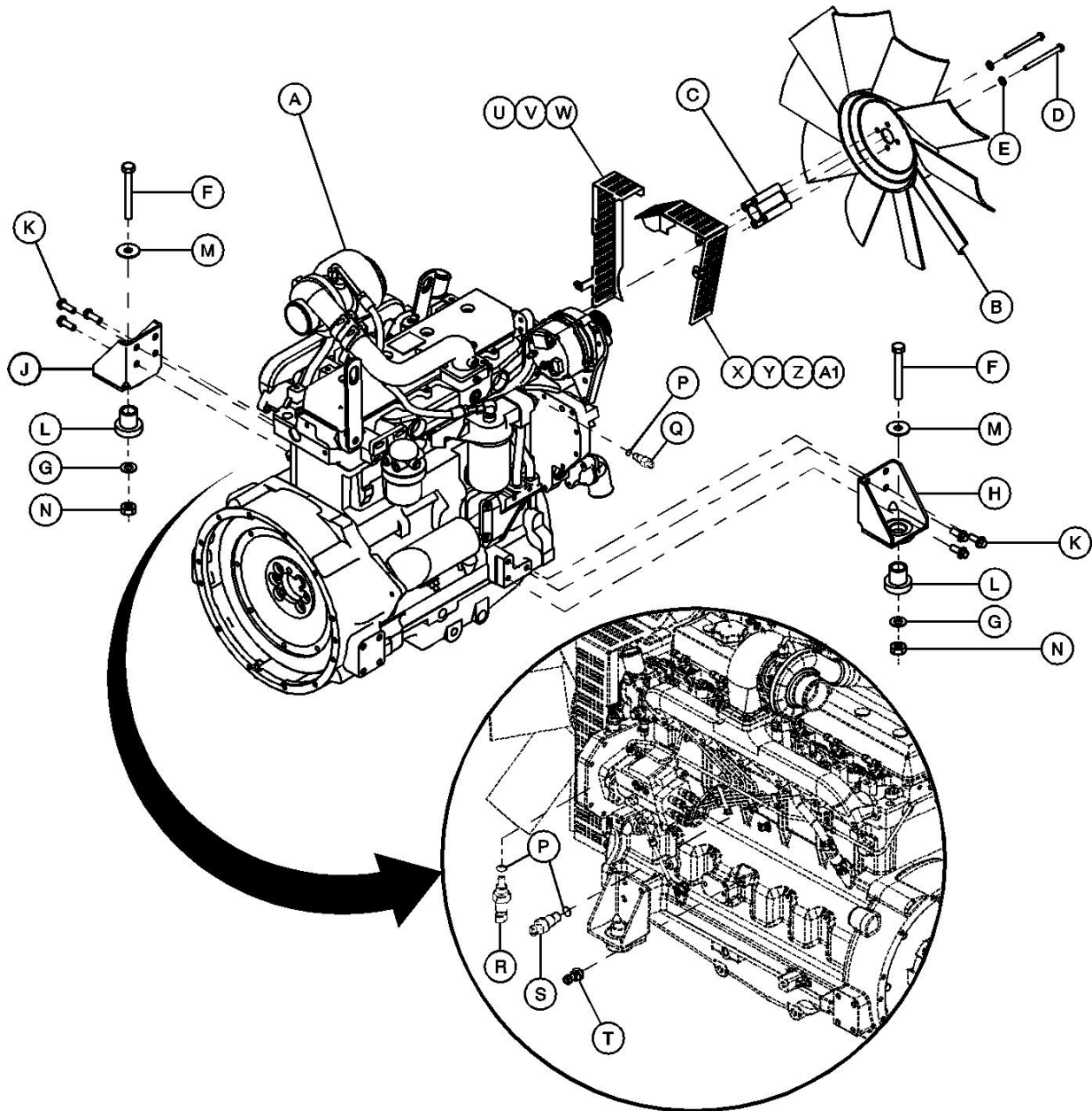
ENGINE COMPLETE (cont'd)



23060270_08_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	54756507	Mount, CRBSD Engine	1	<i>Continued...</i>
K	36888055	Screw, Hex Flange M12-1.75 X 30	6	
L	54756697	Isolator, Center Bond	2	
M	35327212	Washer, Snubber	2	
N	96704630	Nut, Nyloc M16-2.0	2	
P	85470607	O-Ring, 11.30 X 2.20 mm	3	
Q	22222608	Sensor, Engine Head Temperature	1	
R	22222590	Sensor, Coolant Temperature	1	
S	22222582	Sensor, Engine Speed	1	
T	22222574	Sensor, Oil Pressure	1	

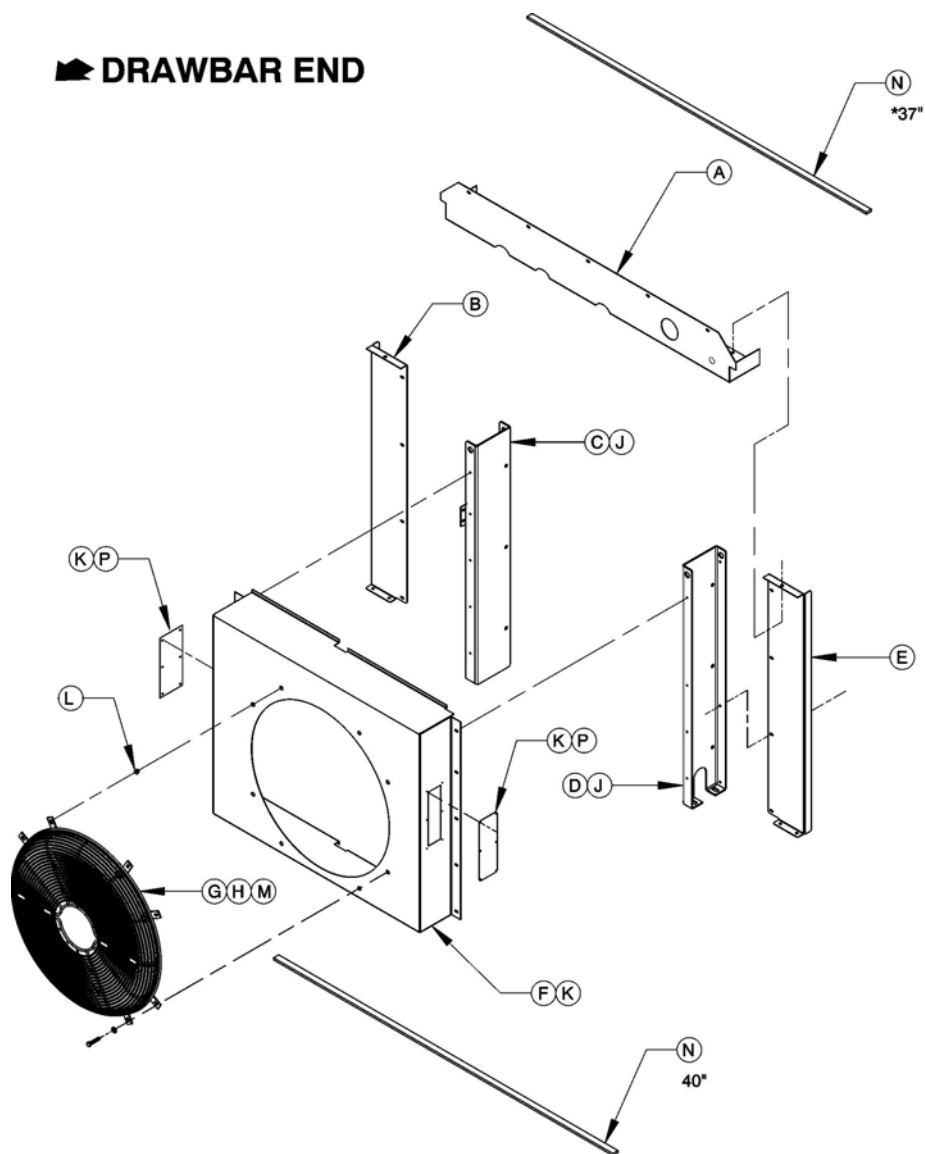
ENGINE COMPLETE (cont'd)



23060270_08_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
U	23062771	Guard, Belt	1	
V	96720545	Screw, Hex M16-2.0 X 35	1	
W	96737556	Screw, Hex Flange M10-1.75 X 25	1	
X	22250179	Guard, Belt	1	
Y	96704408	Screw, Hex Flange M08-1.25 X 20	2	
Z	96709118	Washer, Flat M08	2	
A1	36895746	Nutsert, Hex M08	2	
	22206148	Element, Oil Filter	AR	
	22969265	Element, Primary Fuel Filter	AR	
	22969257	Element, FinalFuel Filter	AR	

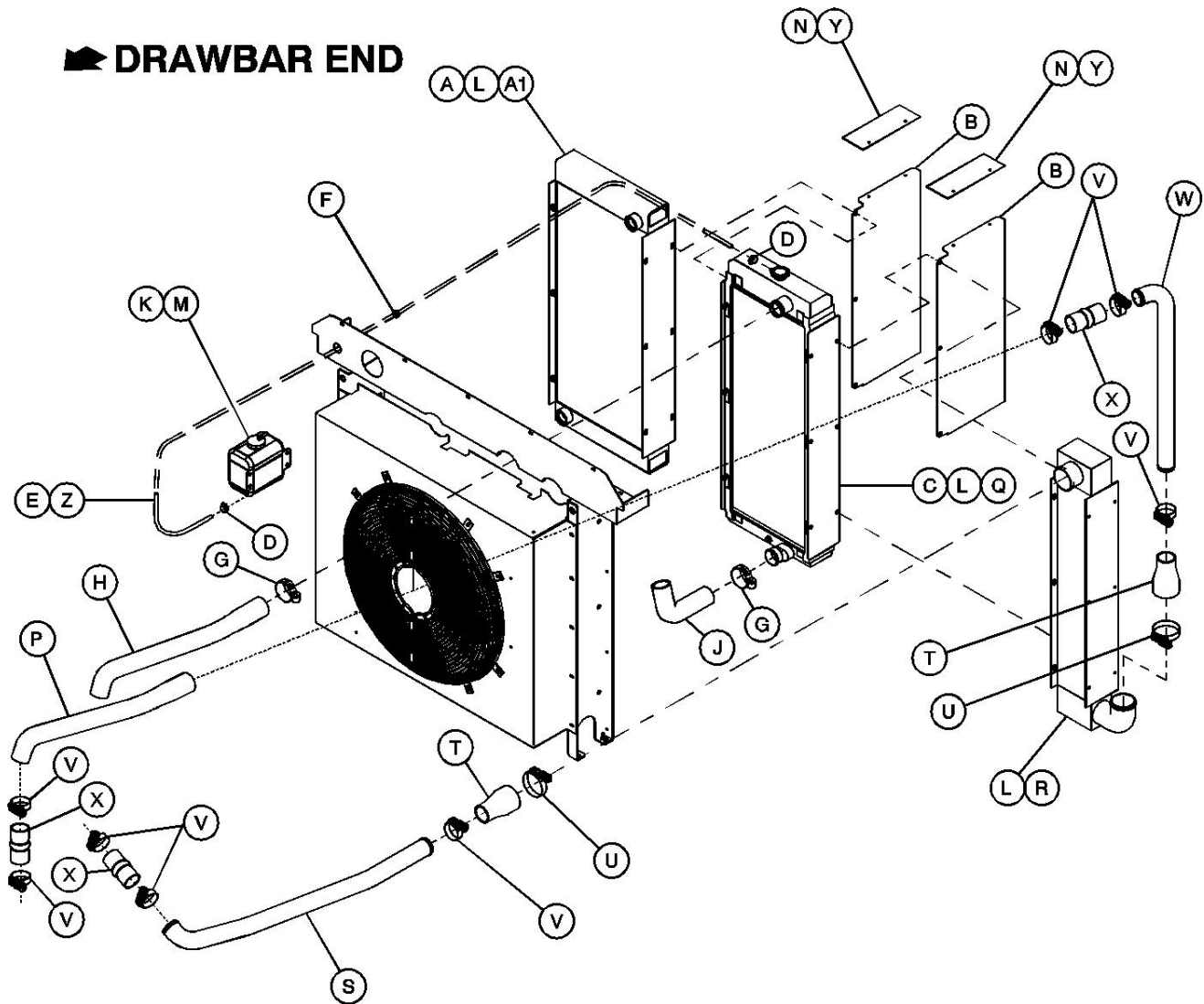
FAN SHROUD



23060270_09_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22902134	Baffle, Top	1	See Lengths Above
B	22910723	Baffle, STSD Cooler	1	
C	22910962	Support, Oil Cooler	1	
D	22150643	Support, Charge Air Cooler	1	
E	22910988	Baffle, CRBSD Cooler	1	
F	22897607	Shrod, Fan	1	
G	22962583	Guard, Fan	1	
H	95934998	Washer, Flat 5/16"	8	
J	36879492	Screw, Hex Flange M12-1.75 X 25	4	
K	36797652	Screw, Tapping M06-1.0 X 12	22	
L	36895746	Nutsert, Hex M08	8	
M	96702055	Screw, Hex M08-1.25 X 20	8	
N	35140409	Foam	~	
P	22746630	Panel, Access Cover	2	

COOLERS

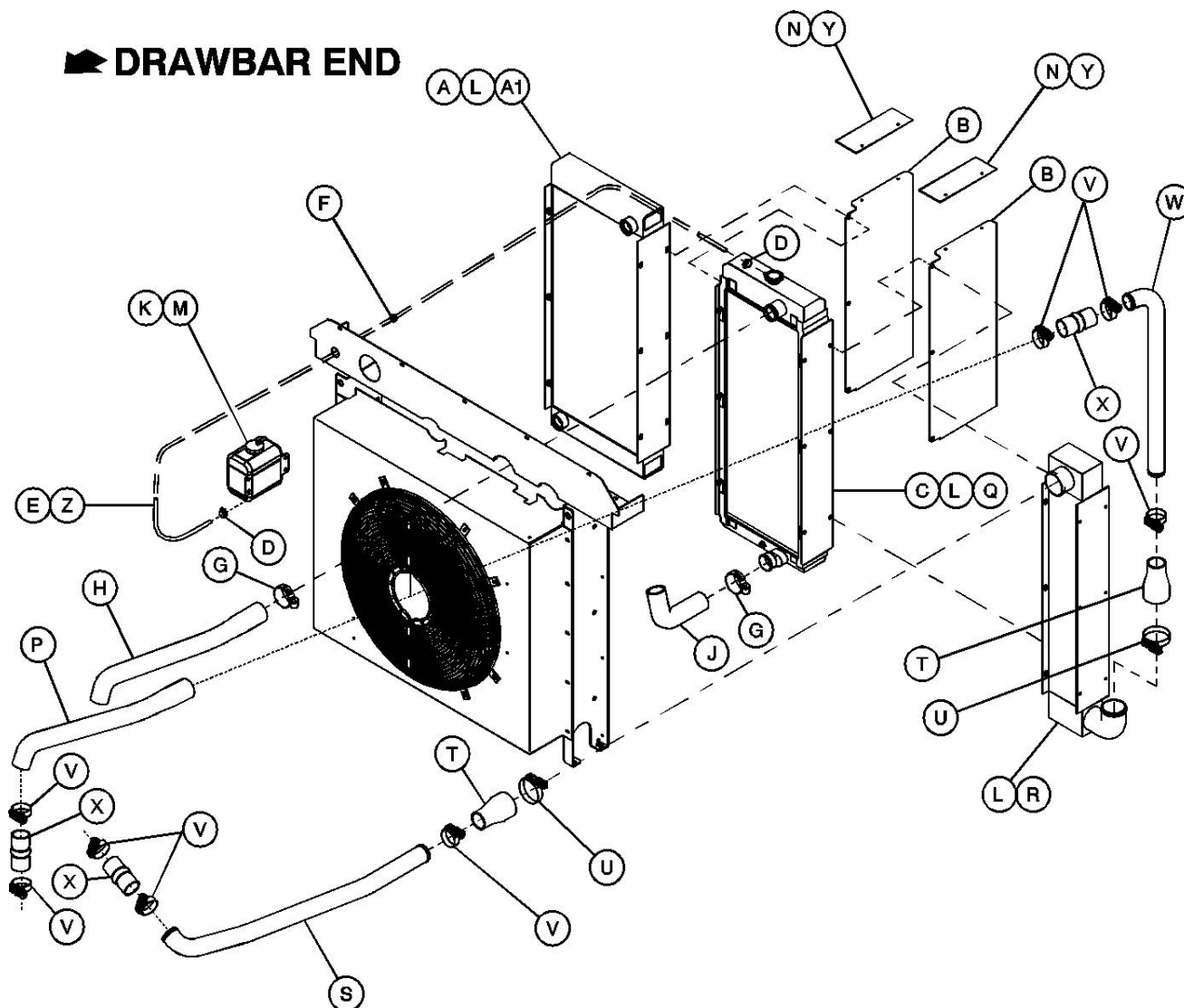


23060270_10_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22150197	Oil Cooler	1	
B	22544332	Baffle, Splitter	2	
C	22220487	Radiator	1	
D	35296342	Clamp, Worm Gear	2	
E	35360775	Tubing, 5/16"	39"	
F	35285162	Grommet, 3/4" ID	1	
G	35221639	Clamp, Hose	4	
H	22897631	Hose, Top Radiator	1	
J	22897649	Hose, Bottom Radiator	1	
K	36884948	Bottle, Coolant Recovery	1	
L	96702279	Screw, Hex M10-1.50 X 20	18	
M	92368687	Screw, Tapping M06-1.0 X 12	4	
				<i>Continued...</i>

COOLERS (cont'd)

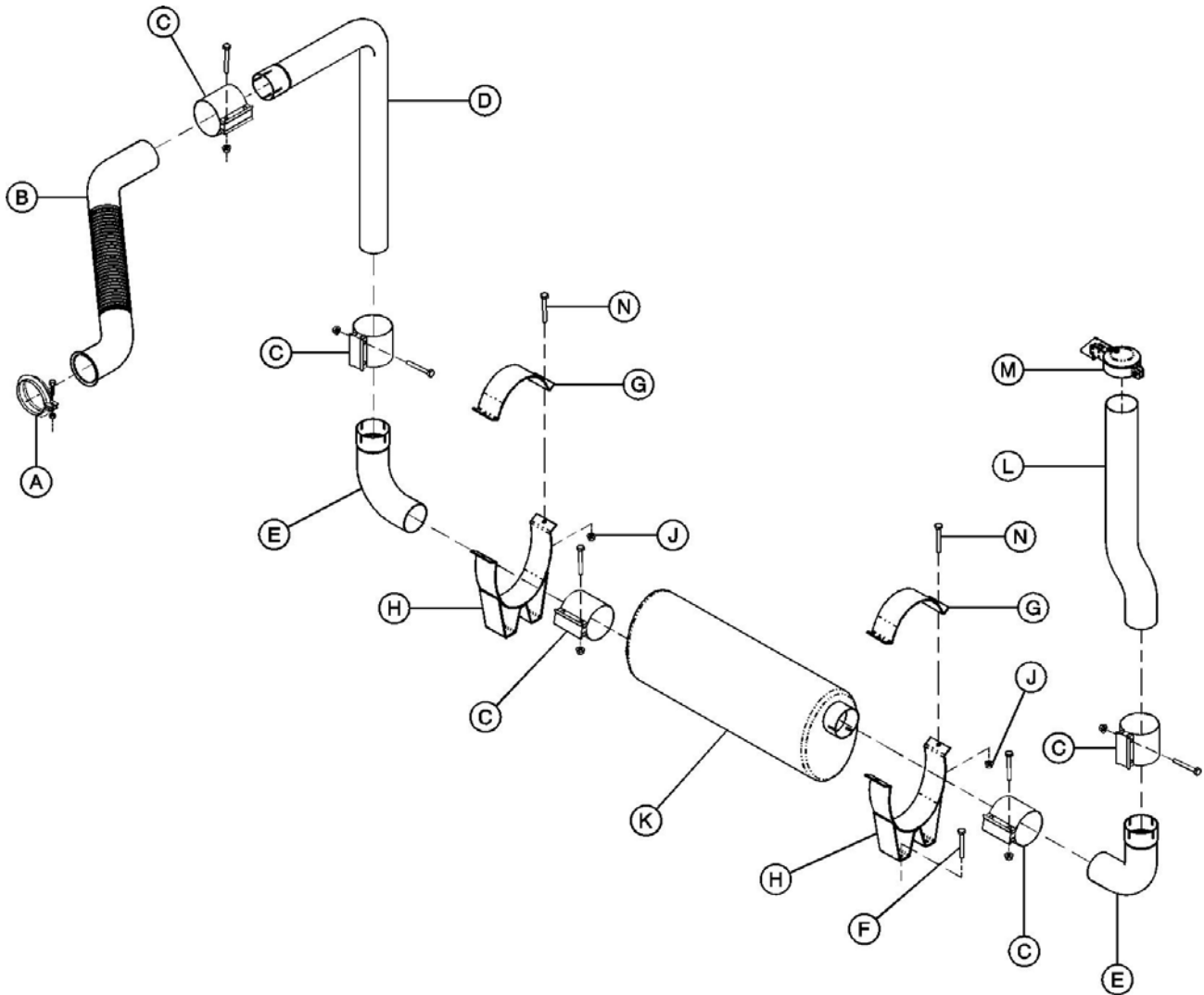
➡ **DRAWBAR END**



23060270_10_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22060503	Plate, Baffle	1	
P	22897623	Pipe, Charge Air Cooler / Engine	1	
Q	36769560	Cap, Radiator	1	
R	22872691	Cooler, Charge Air	1	
S	22897615	Pipe, Charge Air Cooler / Turbo	1	
T	22189310	Reducer	2	
U	22144513	Clamp, Spring-Loaded 3"	2	
V	22189302	Clamp, Spring-Loaded 2.25"	8	
W	22174742	Pipe, Charge Air Cooler Vertical	1	
X	22177265	Connector, Flexible	3	
Y	36797652	Screw, Tapping M06-1.0 X 12	4	
Z	35225093	Clamp, 1/2" Rubber Support	2	
A1	36879195	Nut, Hex Flange M10-1.5	12	

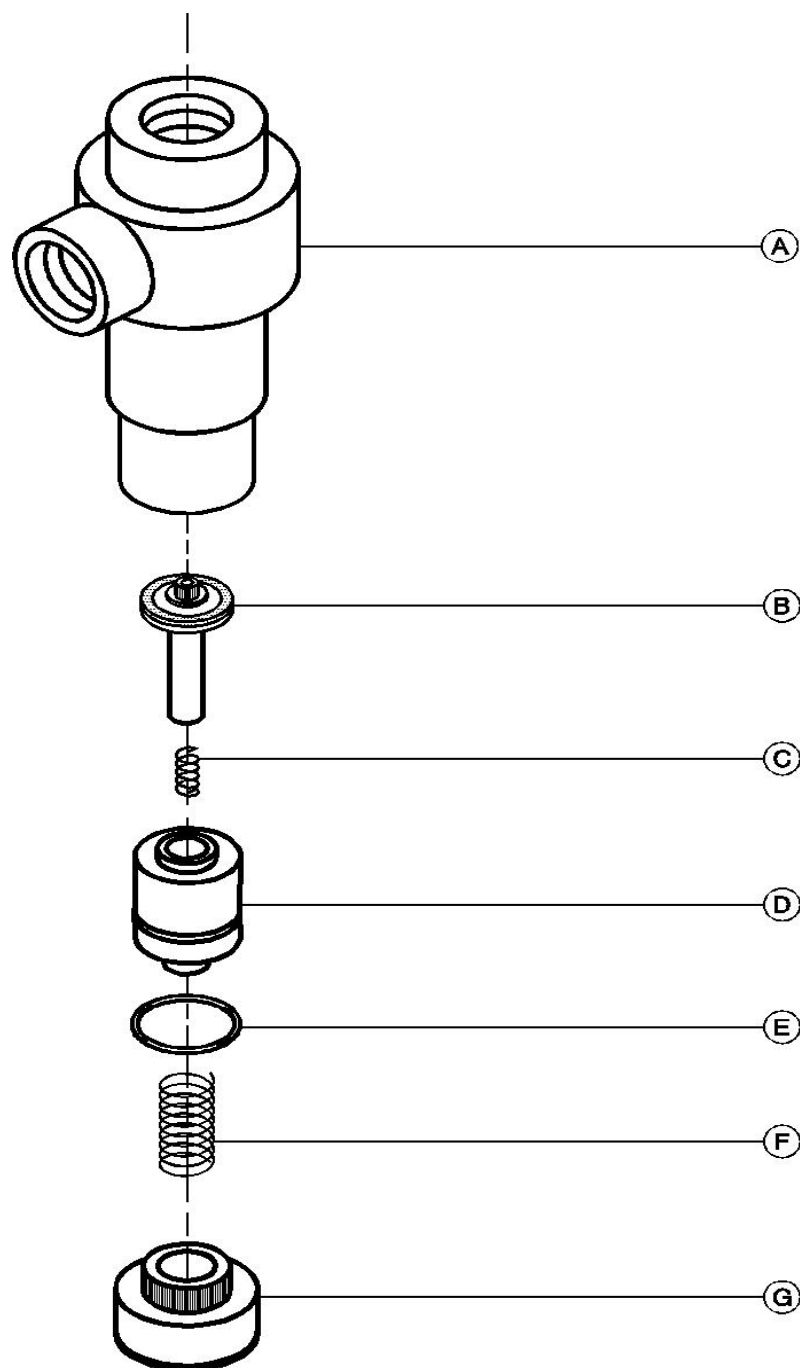
EXHAUST COMPLETE



23060270_11_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881175	Clamp, Exhaust	1	
B	22447460	Exhaust Pipe Assembly	1	
C	35293067	Clamp, Exhaust Seal	5	
D	22447494	Tube, Exhaust	1	
E	22447577	Elbow, 3.5" Tube	2	
F	35279025	Screw, Tapping M08-1.25 X 20	4	
G	22481568	Clamp, Top	2	
H	22446298	Clamp, Muffler	2	
J	36881886	Nut, Hex Flange M08-1.25	4	
K	35797877	Muffler	1	
L	22447486	Pipe, Exhaust	1	
M	36869337	Cap, Rain	1	
N	36889608	Screw, Hex Flange M08-1.25 X 25	4	

MINIMUM PRESSURE VALVE

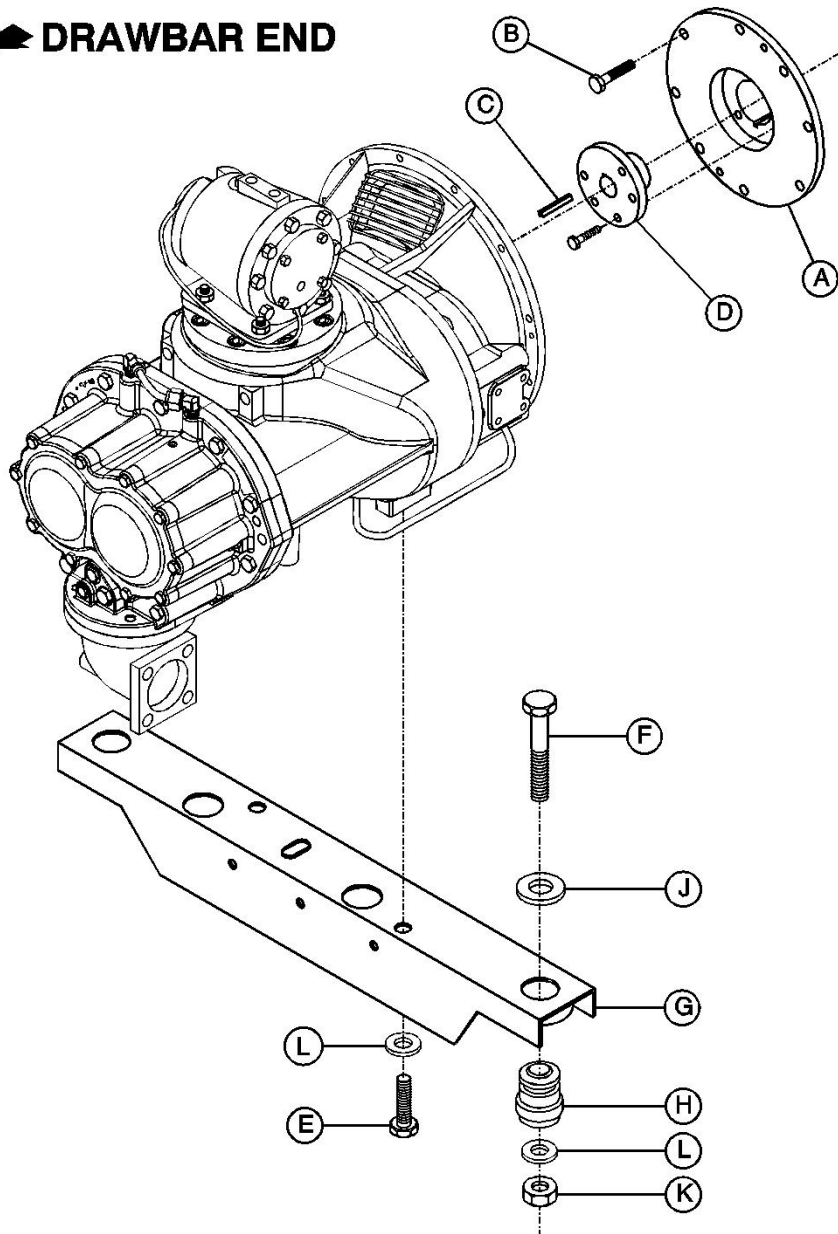


23060270_12_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22146625	Body, Minimum Pressure Valve	1	
B	22146633	CV Assembly	1	
C	35380732	Spring	1	
D	22146617	Piston	1	
E	35380724	O-Ring	1	
F	35380740	Spring	1	
G	35380757	Cap	1	
	22146641	Minimum Pressure Valve Assembly		

AIREND COUPLING

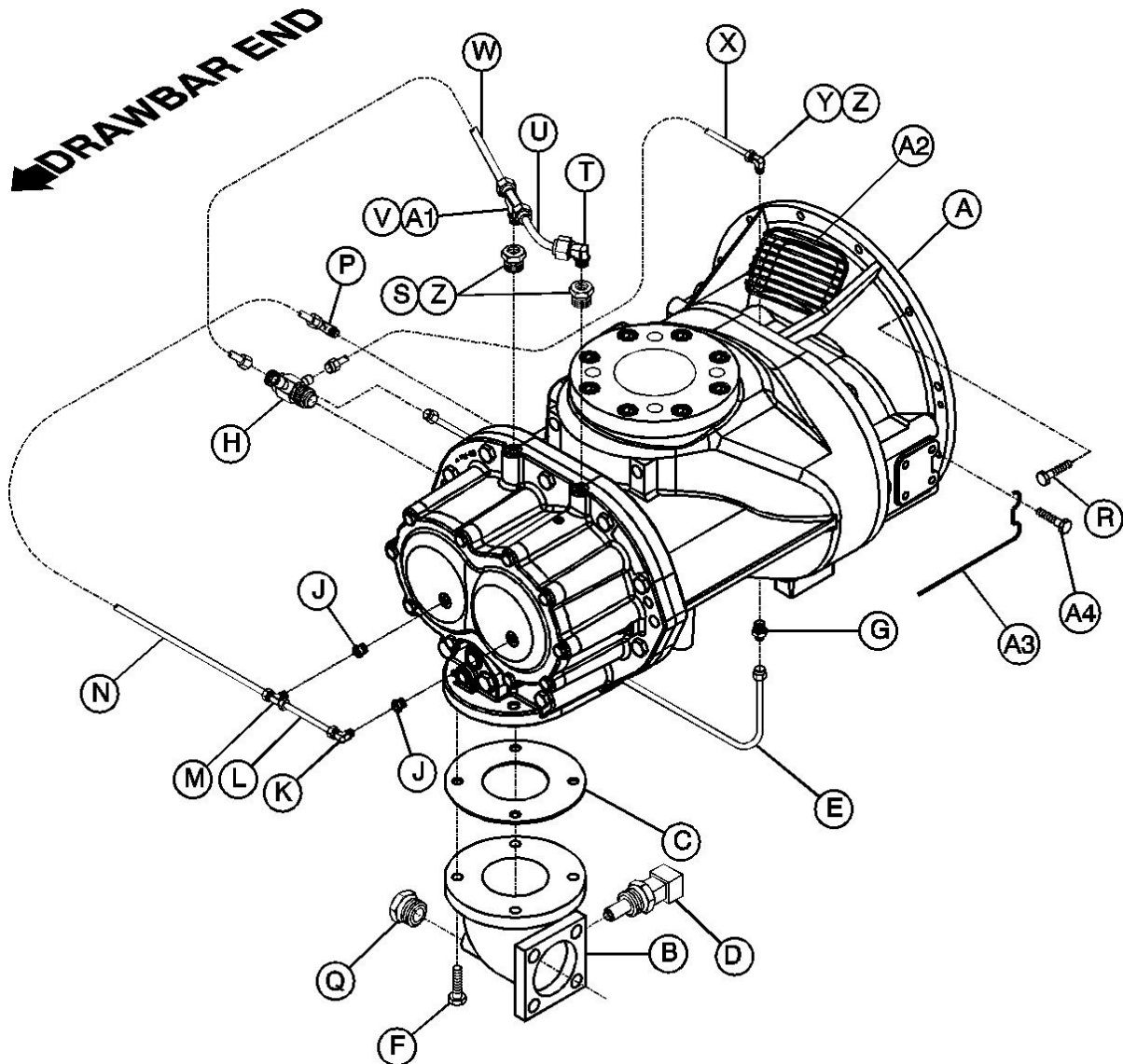
➤ DRAWBAR END



23060270_13_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35834779	Coupling, Clutch	1	
B	95220604	Screw, Socket Head 3/8-16 X .75	8	
C	35321421	Key, 3/8" SQ X 2.75	1	
D	35589621	Bushing, Clutch	1	
E	35375591	Screw, Hex M16-2.0 X 30	2	
F	96701503	Screw, Hex M16-2.0 X 90	2	
G	43208511	Support, Airend	1	
H	35318229	Isolator, Center Bond Mount	2	
J	35327212	Washer, Snubber	2	
K	96704630	Nut, Nyloc M16-2.0	2	
L	95935052	Washer, Flat M16	4	

AIREND COMPLETE

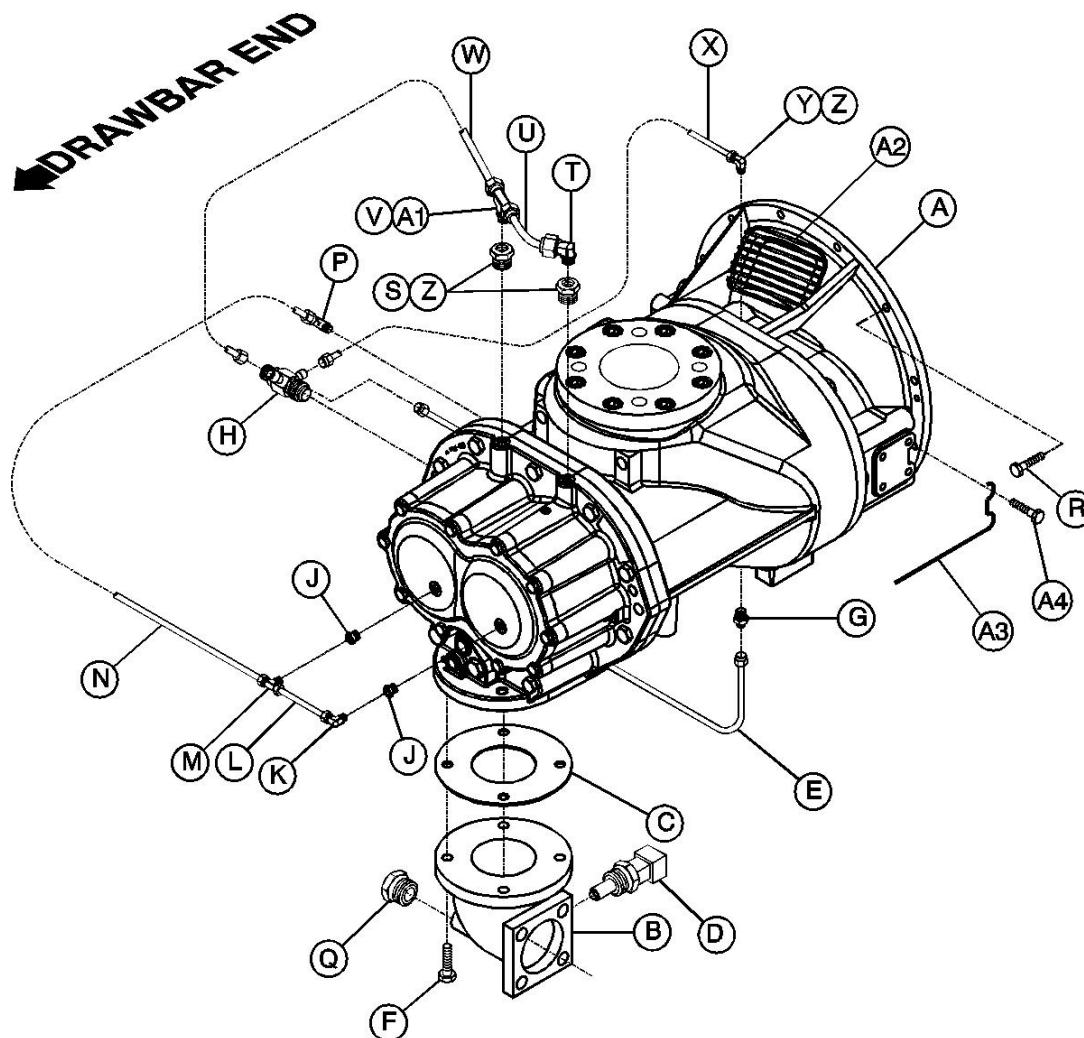


23060270_14_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36084184	Airend Assembly	1	P425, 7/120
	36084168	Airend Assembly	1	XP375,9/110; HP375,10/105
	44021491	Airend Assembly	1	14/85
B	22247340	Elbow, Discharge	1	
C	35575570	Gasket	1	
D	36898922	Sensor, Temperature	1	
E	22189609	Tube, Front Bearing Oil Supply	1	
F	35375385	Screw, Hex M16-2.0 X 40	4	
G	95402806	Adapter, 7/16-20 X -6JIC	1	
H	36845154	Manifold, Oil	1	
J	36846095	Connector, 3/4 O-Ring X -10JIC	2	
K	35286491	Elbow, 90° SAE 7/8-14 X -10JIC	1	
L	36846111	Tube, Male Rear Scavenge	1	

Continued...

AIREND COMPLETE (cont'd)

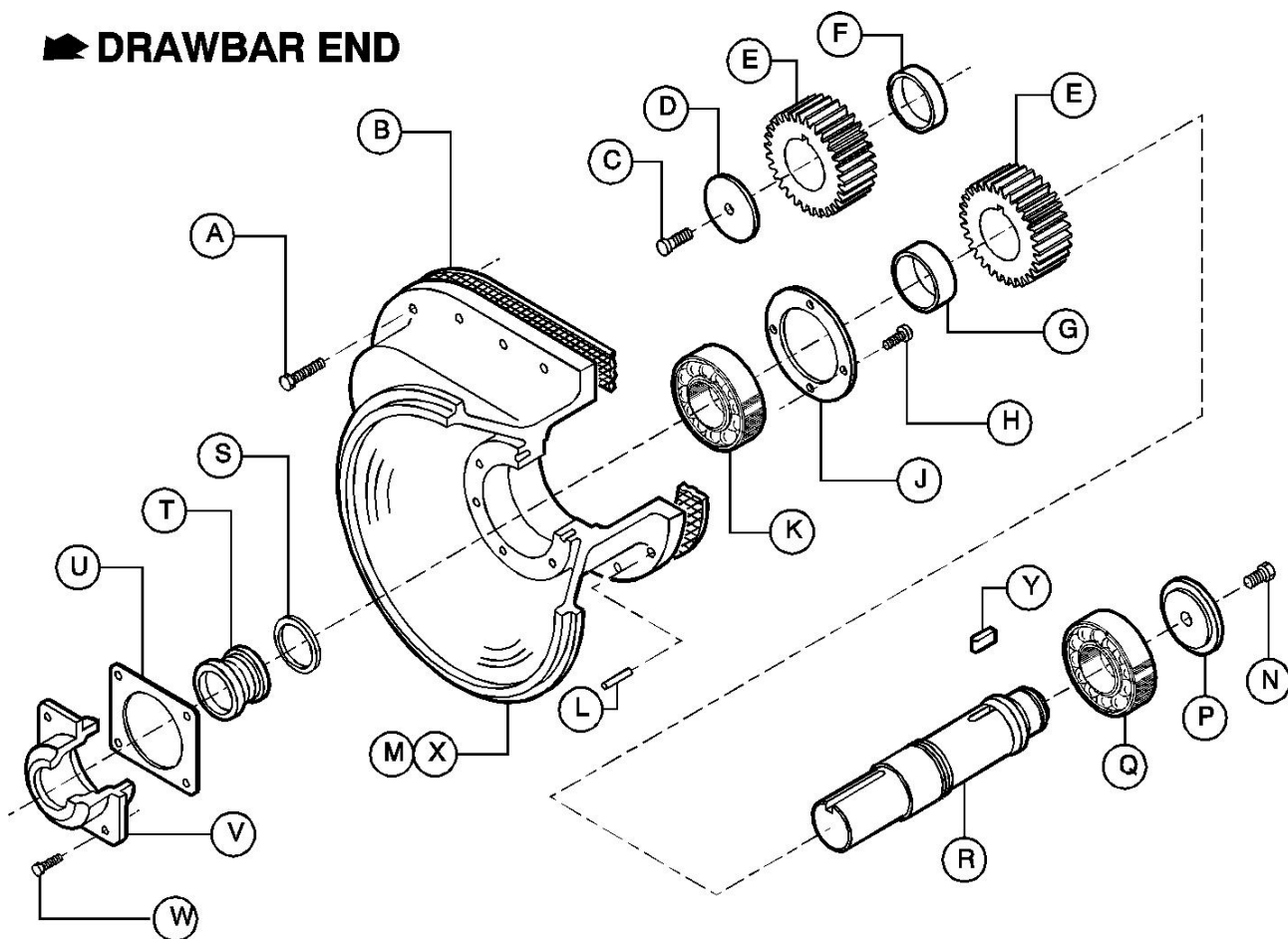


23060270_14_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36846129	Tee, Branch 7/8-14 X -10JIC	1	
N	36846103	Tube, Bearing Oil Scavenge	1	
P	35305622	Elbow, 90° SAE 3/4-16 X -10JIC	1	
Q	95949491	Plug, 3/4-16 O-RING	1	
R	96701917	Screw, Hex M10-1.5 X 30	12	
S	35287945	Expander, 7/16-20 X 9/16-18	2	
T	35279827	Elbow, 90° Swivel 9/16-18 X -6JIC	1	
U	36795482	Tube Assembly	1	
V	35279843	Tee, Branch 9/16-18 X -6JIC	1	
W	36846087	Tube, Bearing Oil Supply	1	
X	36846152	Tube, Front Oil Seal	1	
Y	35279884	Elbow, 45° SAE 7/16-20 X -4JIC	1	
Z	35279959	O-Ring	AR	Included w/ Item S, V
A1	35278571	O-Ring	AR	Included w/ Item V
A2	36798346	Guard, Gear Case	2	
A3	22983001	Support, Wire Harness	1	
A4	36879492	Screw, Hex Flange M12-1.75 X 25	2	

AIREND GEAR CASE ASSEMBLY

DRAWBAR END

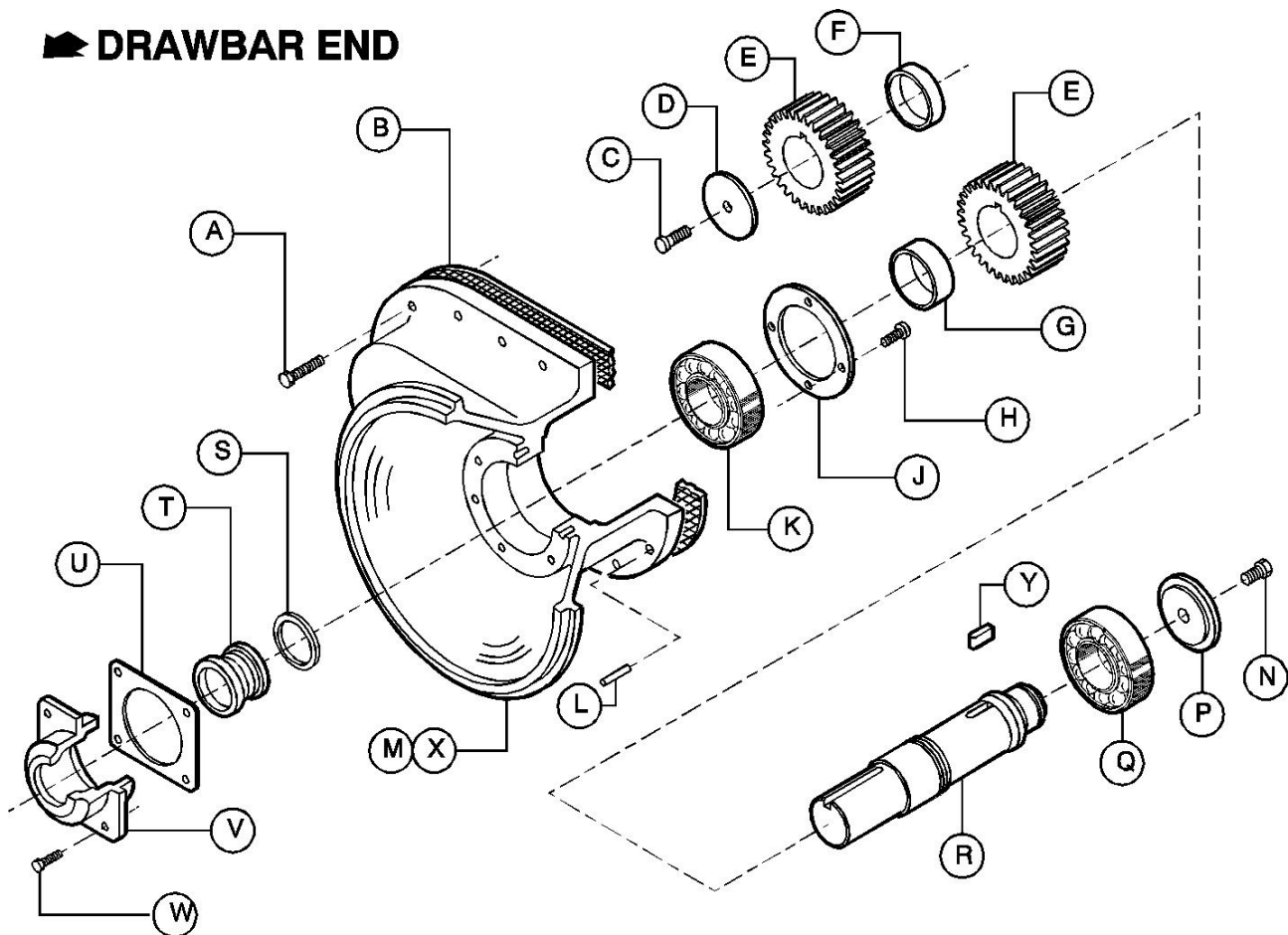


23060270_15_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96716162	Screw, Socket Head M16-2.0 X 40	8	P425, 7/120 XP375,9/110; HP375,10/105 14/85
B	39437637	Gasket	1	
C	35108372	Screw, Hex Head 1/2-13 X 1.25"	1	
D	35255827	Plate, Clamp	1	
E	22377949	Gear Set	1	
	22378004	Gear Set	1	
	22377998	Gear Set	1	
F	35262716	Spacer	1	
G	35327626	Spacer, Bearing	1	
H	35327550	Screw, Socket Head Cap M08-1.25 X 70	4	
J	35326602	Plate, Retaining	1	
K	35327543	Bearing, Ball	1	
L	95078549	Pin, Dowel 1/2" X 1.25"	2	
M	36723641	Case, Gear	1	
				Continued...

AIREND GEAR CASE ASSEMBLY (cont'd)

DRAWBAR END

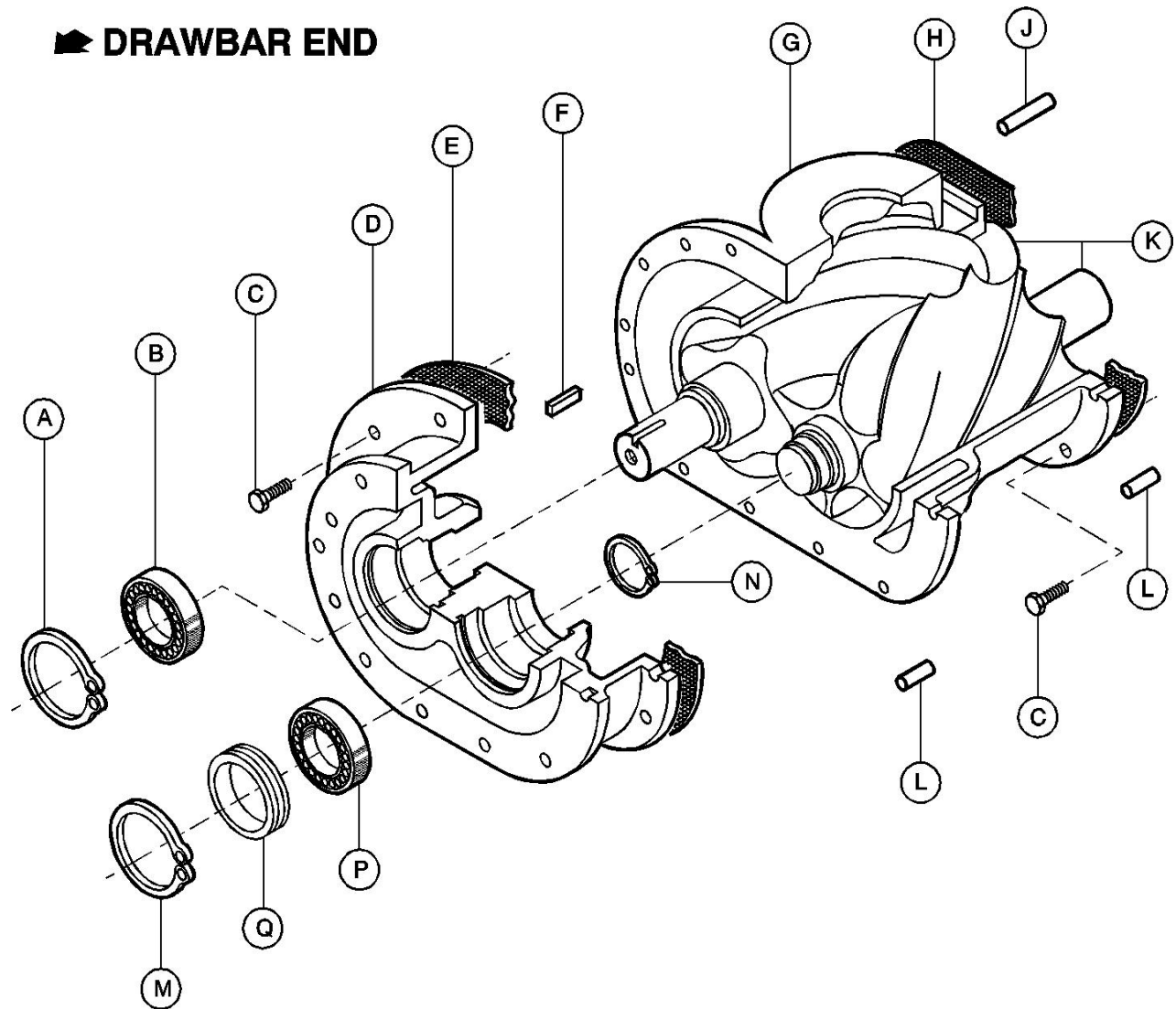


23060270_15_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35336304	Screw, Socket Head Cap M10-1.5 X 25	1	
P	36764785	Cap, Guide	1	
Q	35313568	Bearing, Cylindrical Roller	1	
R	36764827	Shaft, Drive	1	
S	96704036	Screw, Hex Head M16-2.0 X 140	4	
T	35593490	Seal, Oil	1	
U	95358024	O-Ring	1	
V	35328475	Cover, Oil Seal	1	
W	96702295	Screw, Hex Head M10-1.50 X 25	4	
X	36798346	Guard, Gear Case	2	
Y	35329192	Key	1	

AIREND ROTOR HOUSING ASSEMBLY

➡ DRAWBAR END

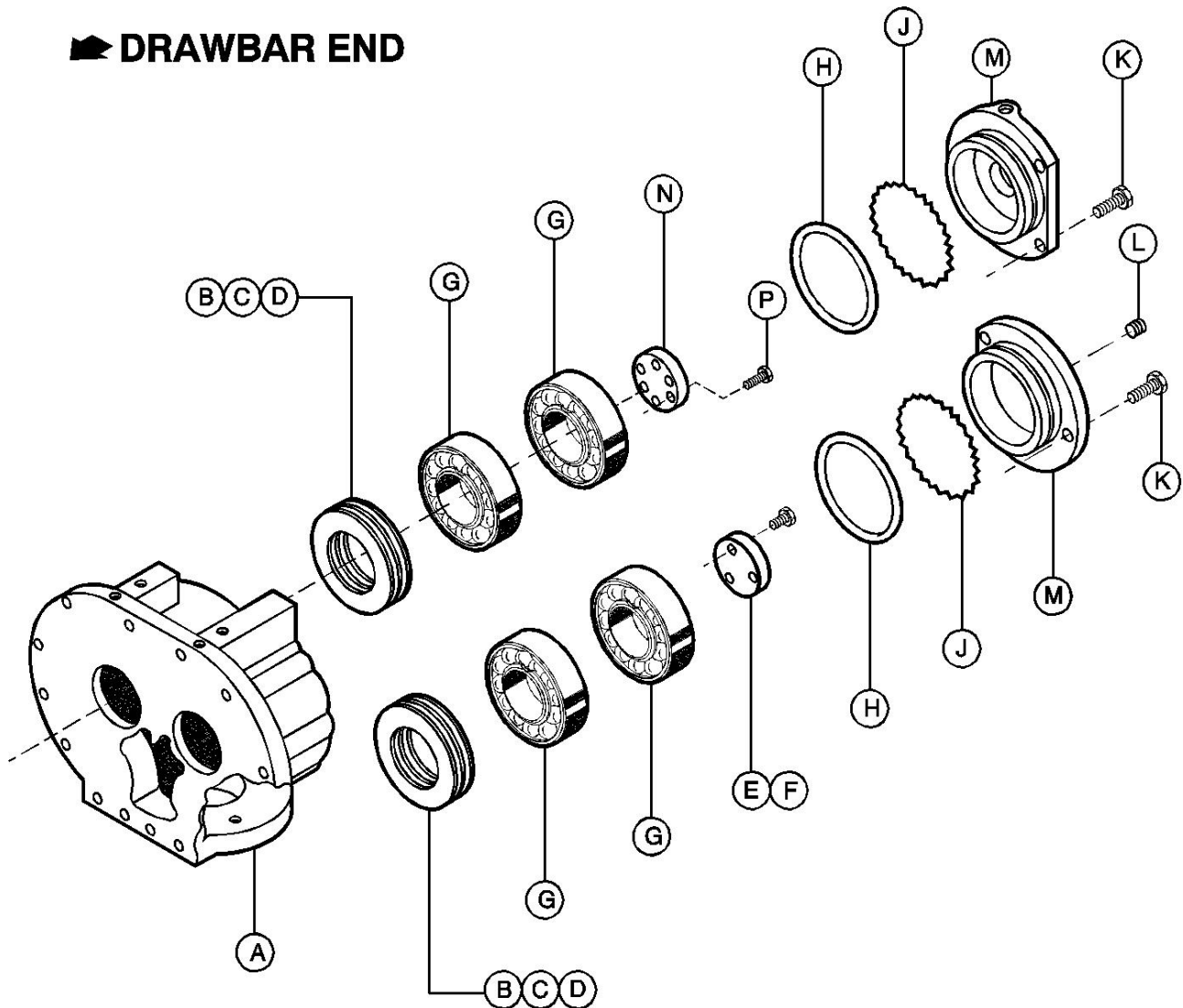


23060270_16_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95223194	Ring, Snap	1	
B	35313535	Bearing, Cylindrical Roller	1	
C	96716162	Screw, Socket Head M16-2.0 X 40	25	
D	39703921	Housing, Front Bearing	1	
E	35518497	Gasket, Front Bearing Housing	1	
F	95381109	Key, 3/8" Square	1	
G	39748942	Housing, Rotor	1	
H	39437629	Gasket, Rear Bearing Housing	1	
J	95239927	Pin, Dowel 1/2" X 1.5"	2	
K	36008241	Rotor Set	1	
L	35332915	Pin, Locator	2	
M	95223178	Ring, Snap	1	
N	95223806	Ring, Snap	1	
P	35609361	Bearing, Cylindrical Roller	1	
Q	35270131	Spacer, Bearing	1	

AIREND REAR BEARING HOUSING ASSEMBLY

➡ DRAWBAR END

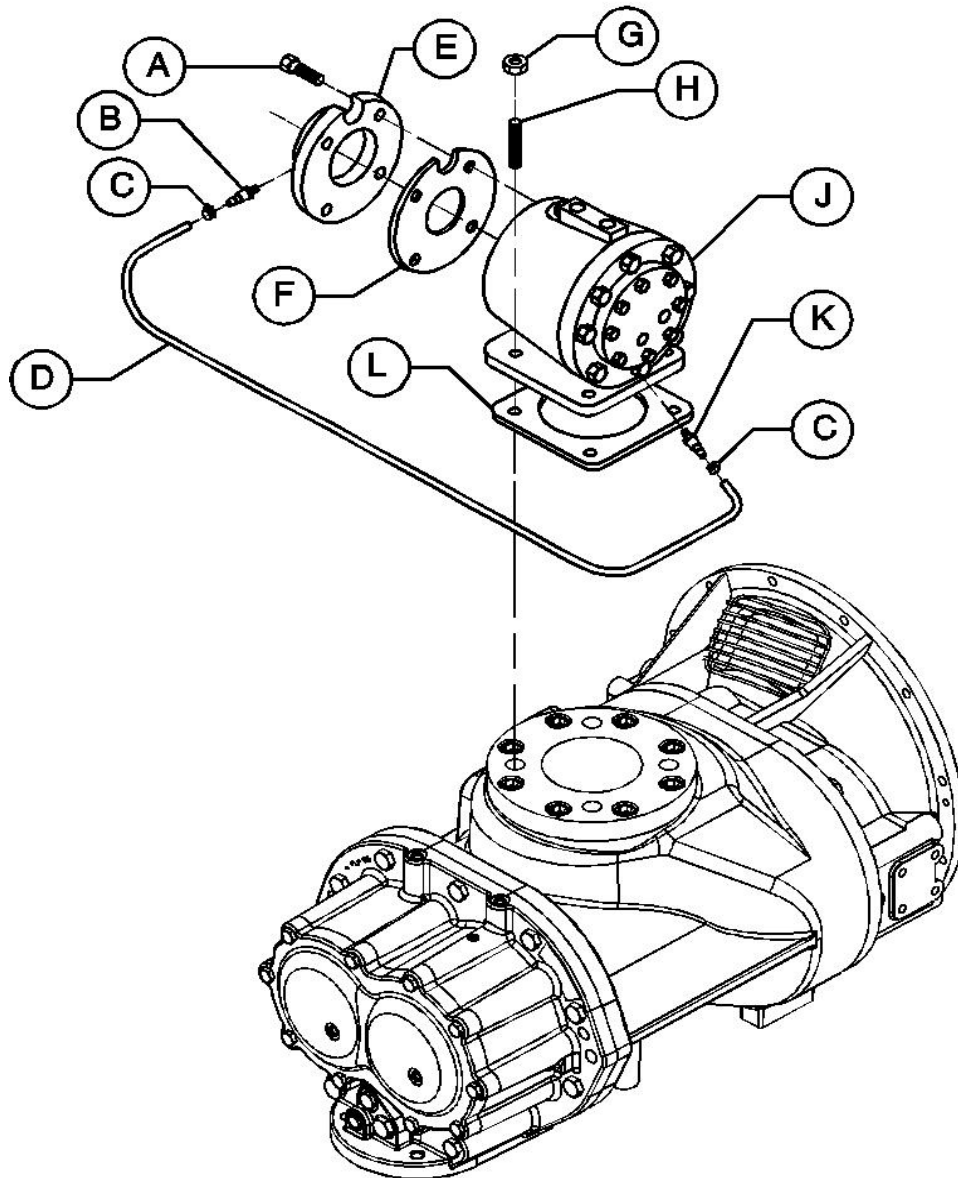


23060270_17_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36769404	Housing, Rear Bearing	1	
B	35313600	Shim, .002	4	
C	35313618	Shim, .003	4	
D	35364769	Shim, .010	2	
E	35262690	Plate, Clamp	1	
F	35104108	Screw, Hex Head 3/8-16 X 1.25"	3	
G	39437595	Bearing, Tapered Roller	4	
H	95358131	O-Ring	2	
J	35354448	Shim Set	2	
K	96712187	Screw, Hex Head M12-1.75 X 30	6	
L	95938205	Plug	1	
M	36500832	Cover, Rear Bearing	2	
N	39435441	Plate, Clamp	1	
P	95494167	Screw, Hex Socket Head Cap 5/16-18 X 1.25"	8	
Q	30346662	Washer, Copper	4	

UNLOADER COMPLETE

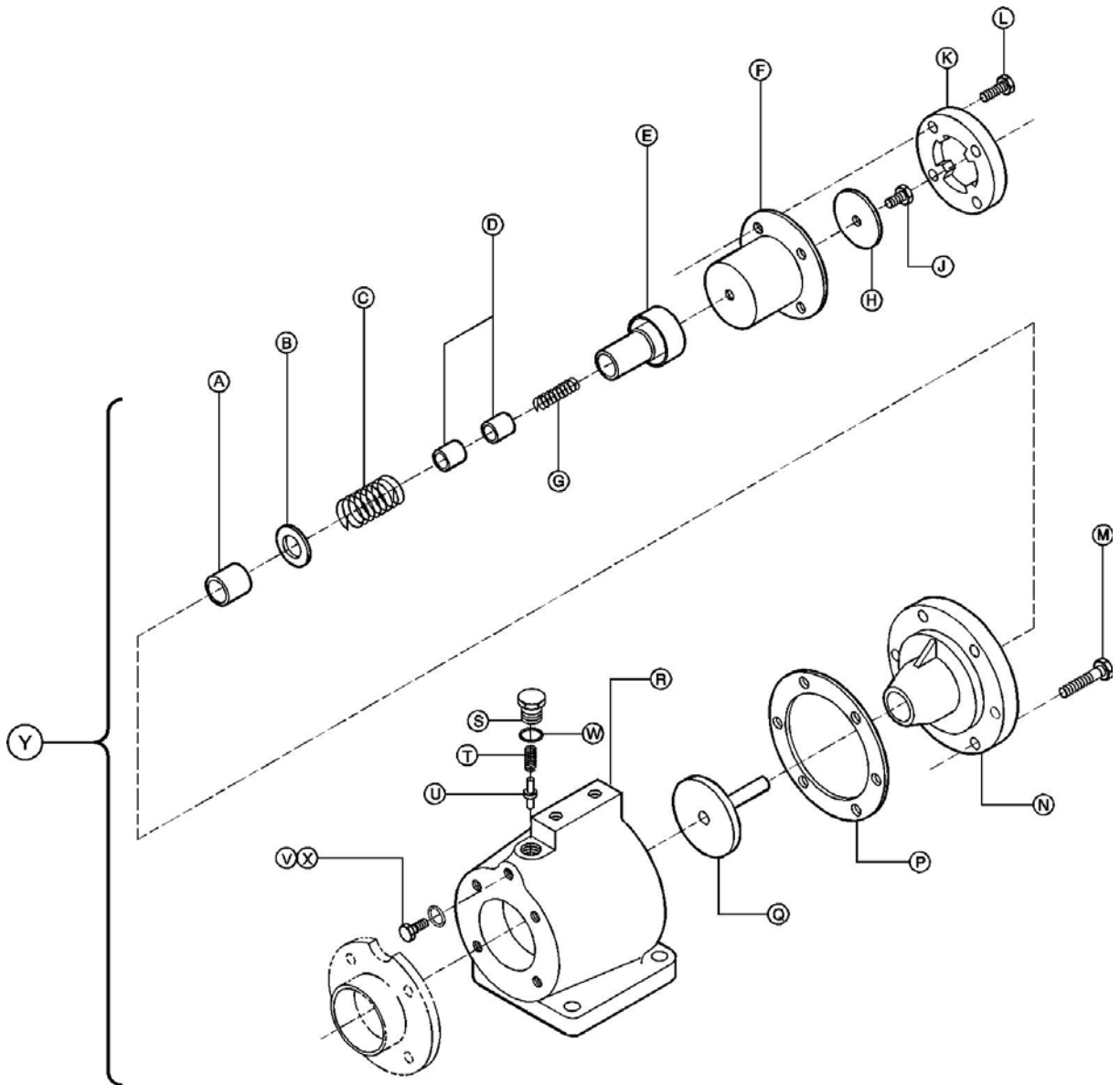
➡ DRAWBAR END



23060270_18_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96702816	Screw, Hex Head M08-1.25 X 16	4	
B	35316587	Adapter, Barbed 1/8 X 1/8 NPT	1	
C	35377621	Clamp, Spring	2	
D	35282292	Tubing, Tygon 1/8" ID	14"	
E	35843168	Flange, Unloader Inlet	1	
F	35588318	Gasket, Unloader Inlet	1	
G	96701750	Nut, Hex M16-2.0	4	
H	35323450	Stud, M16-2.0 X 55	4	
J	35060631	Valve Assembly, Unloader	1	
K	35323542	Adapter, Unloader	1	
L	35589589	Gasket, Unloader to Airend	1	

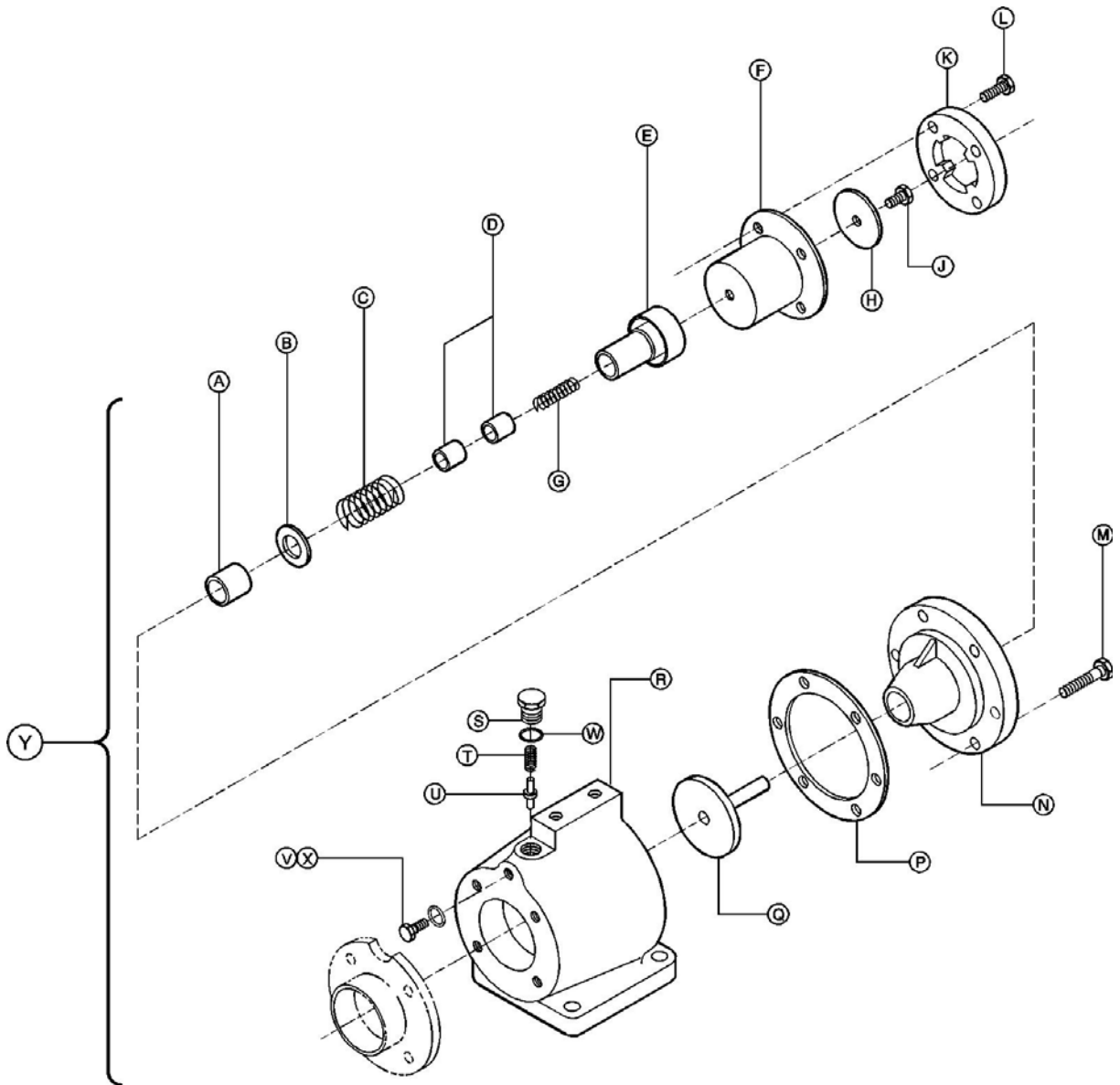
UNLOADER ASSEMBLY



23060270_19_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35318013	Bushing, Housing	1	Continued...
B	35317205	Washer, Piston 43mm	1	
C	35322767	Spring, Piston	1	
D	35318005	Bushing, Piston	2	
E	35588193	Piston, Unloader	1	
F	35317197	Diaphragm	1	
G	35321603	Spring	1	
H	35317239	Washer, Piston 64mm	1	
J	35321595	Screw, Button Head Socket Cap M10-1.5 X 16	1	
K	35836949	Cover, Piston	1	
L	35271162	Screw, Hex M08-1.25 X 30	4	
M	96702287	Screw, Hex M10-1.50 X 25	6	

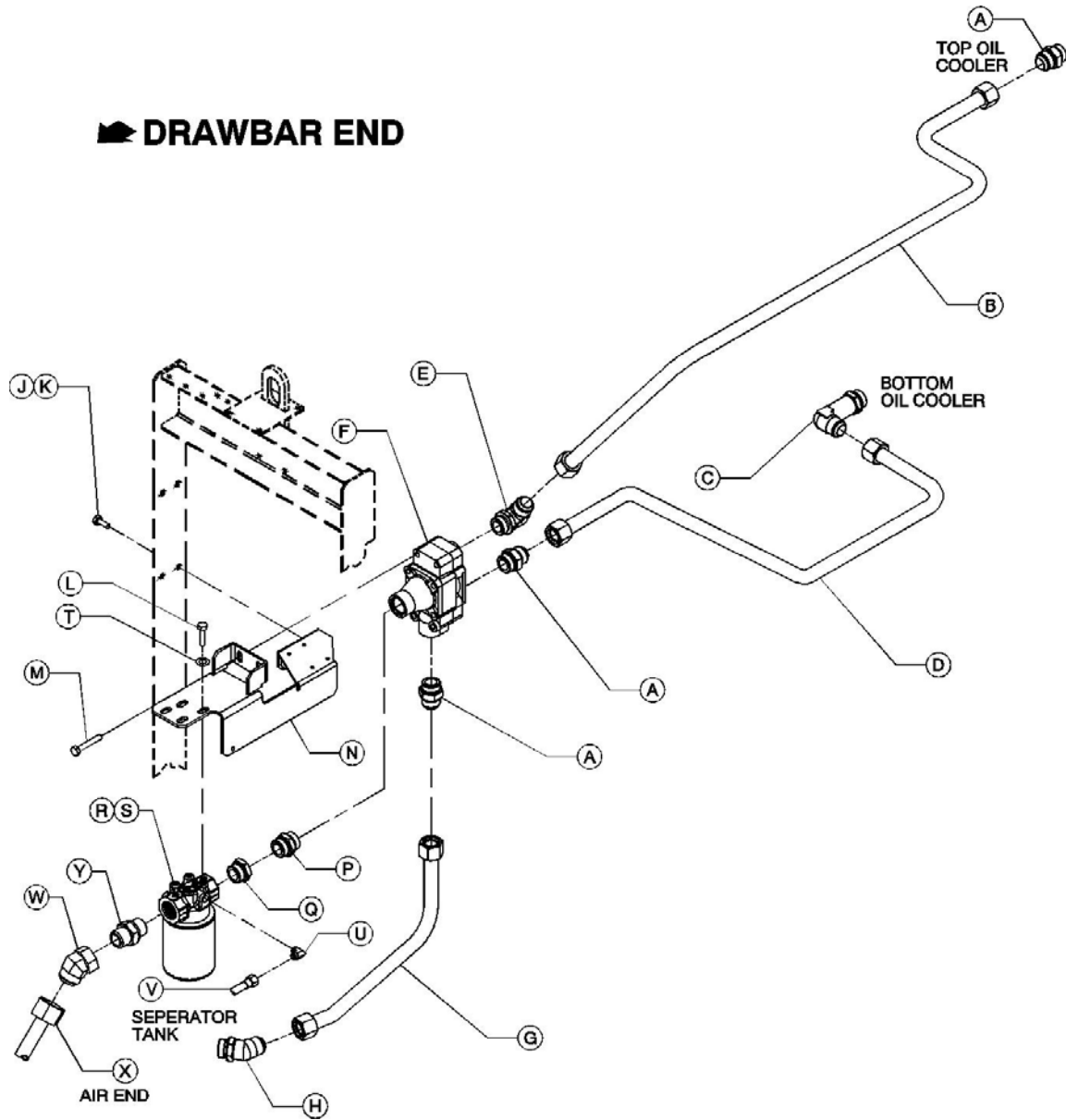
UNLOADER ASSEMBLY (cont'd)



23060270_19_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35833227	Housing, Piston	1	Includes all items above
P	35588300	Gasket, Piston	1	
Q	35591122	Valve, Unloader	1	
R	36718427	Body, Unloader	1	
S	35278555	Plug, Hex Head	1	
T	35318914	Spring, Unloader Pin	1	
U	35317213	Pin, Unloader	1	
V	35289057	Plug, Hex	1	
W	35278589	O Ring	1	
X	35279959	O-Ring	1	
Y	35060631	Valve Assembly, Unloader	1	

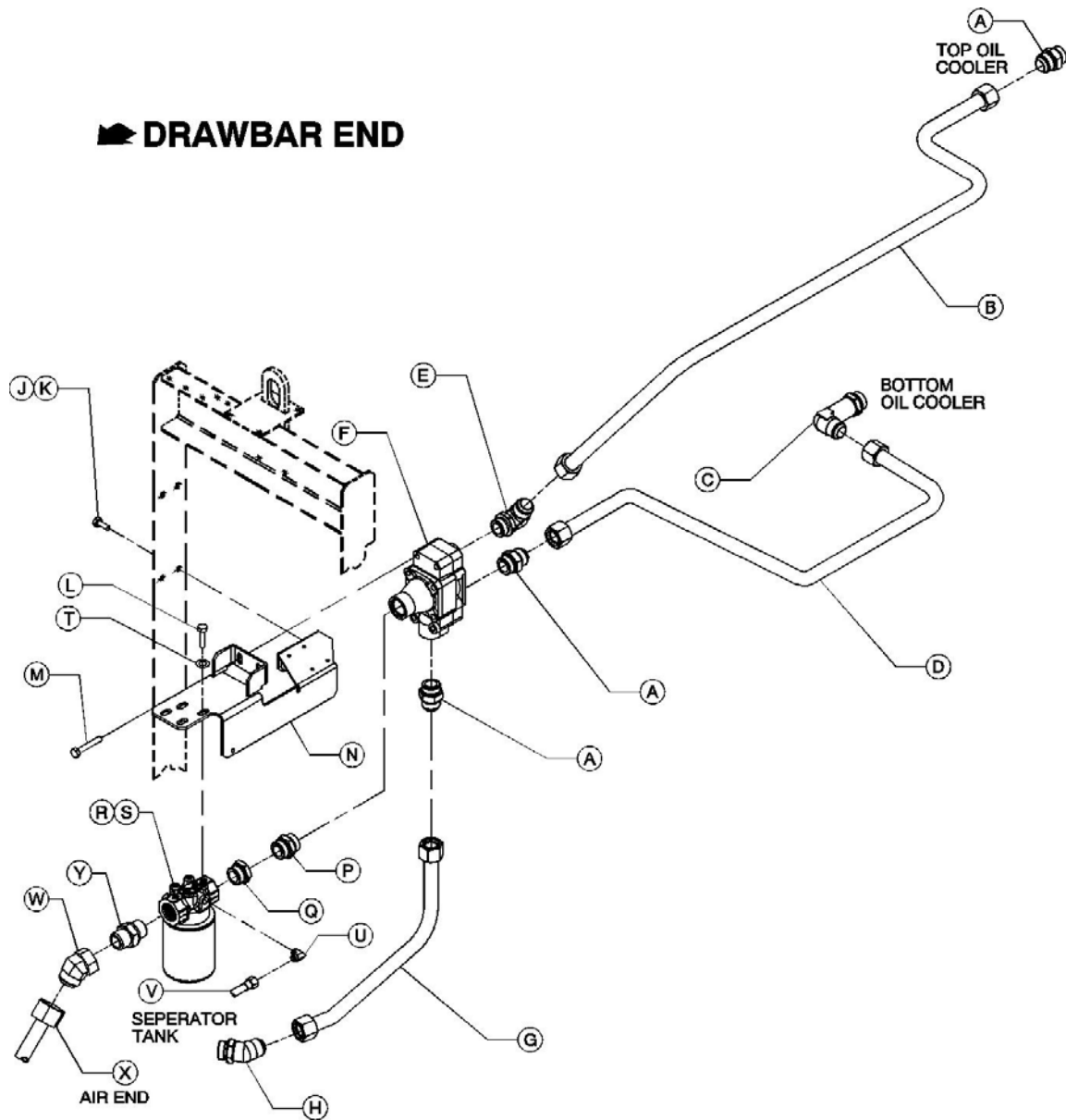
OTBV / OIL FILTER MOUNTING



23060270_20_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95955993	Connector, 1.31-12 SAE to 1.31-12 Tube	3	Continued...
B	22915284	Tube, Top Oil Cooler	1	
C	95992848	Elbow, 90° Long 1.31-12 SAE	1	
D	22915292	Tube, OTBV to Oil Cooler	1	
E	95938171	Elbow, 90° X 1.31-12 SAE	1	
F	54414420	OTBV Assembly, 1-5/16" SAE	1	
G	35227909	Hose, -16 X 25"	1	
H	95992632	Elbow, 45° X 1.31-21 SAE	1	
J	35279025	Screw, Tapping M08-1.25 X 20	2	
K	36881886	Nut, Hex Flange M08-1.25	2	
L	35252493	Screw, Locking 3/8-16 X 3/4"	2	

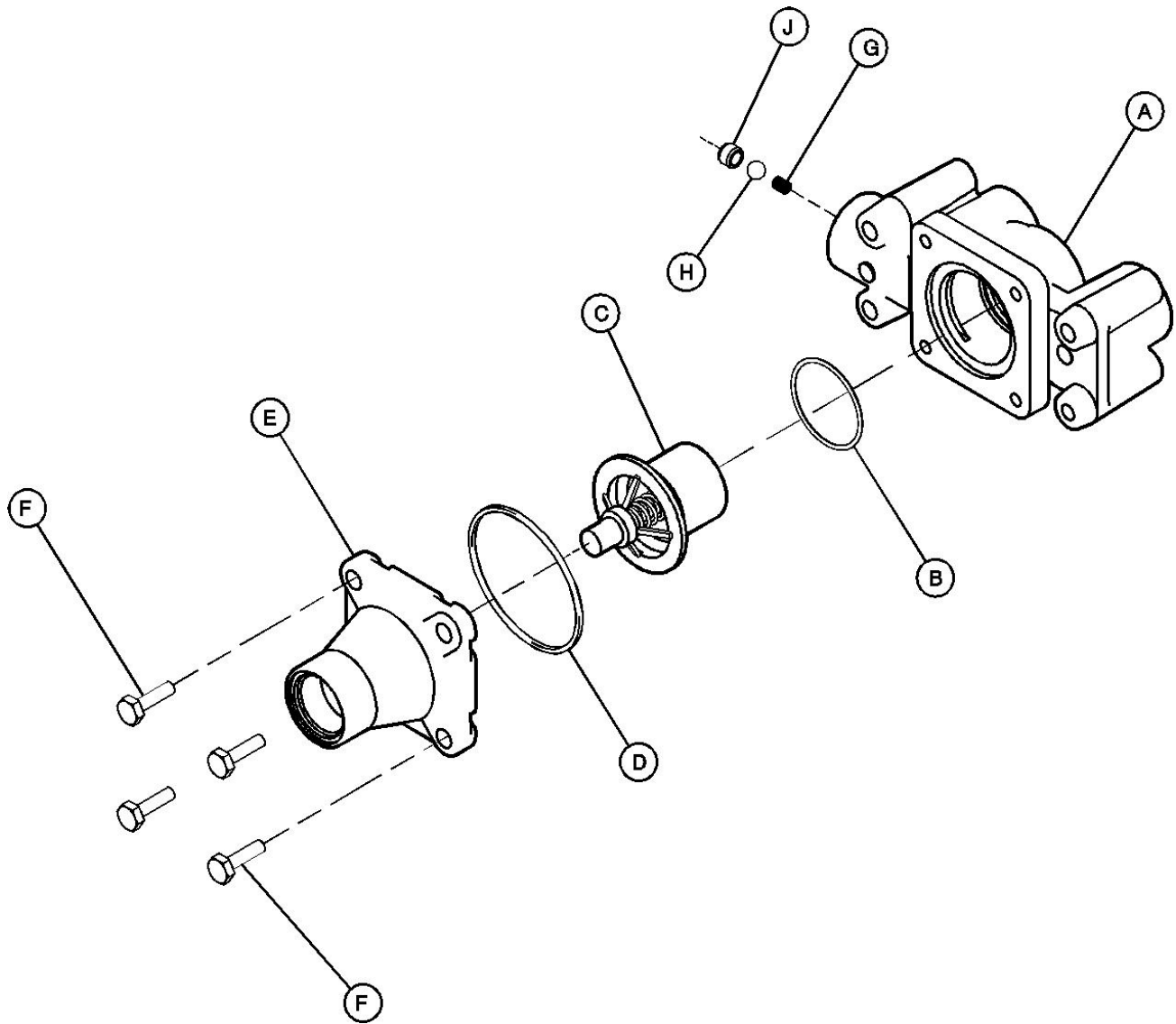
OTBV / OIL FILTER MOUNTING (cont'd)



23060270_20_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36786382	Screw, Hex M08-1.25 X 70	2	
N	22915276	Support, Oil Filter	1	
P	95954921	Union, Straight 1.31-12 SAE	1	
Q	95954913	Reducer, 1.62-12 SAE X 1.31-12 Female SAE	1	
R	36897437	Head, Oil Filter	1	
S	36897346	Element, Oil Filter	1	
T	95935037	Washer, Flat	2	
U	95365094	Elbow, 90° 9/16-18 X -4 JIC	1	
V	35315407	Hose Assembly, -4 JIC X 24"	1	
W	35307206	Elbow, 45° Swivel -16 JIC X 1" Tube	1	
X	35260371	Hose Assembly, -16 JIC X 16.5"	1	
Y	35292069	Connector, 1.62-12 X -16JIC	1	

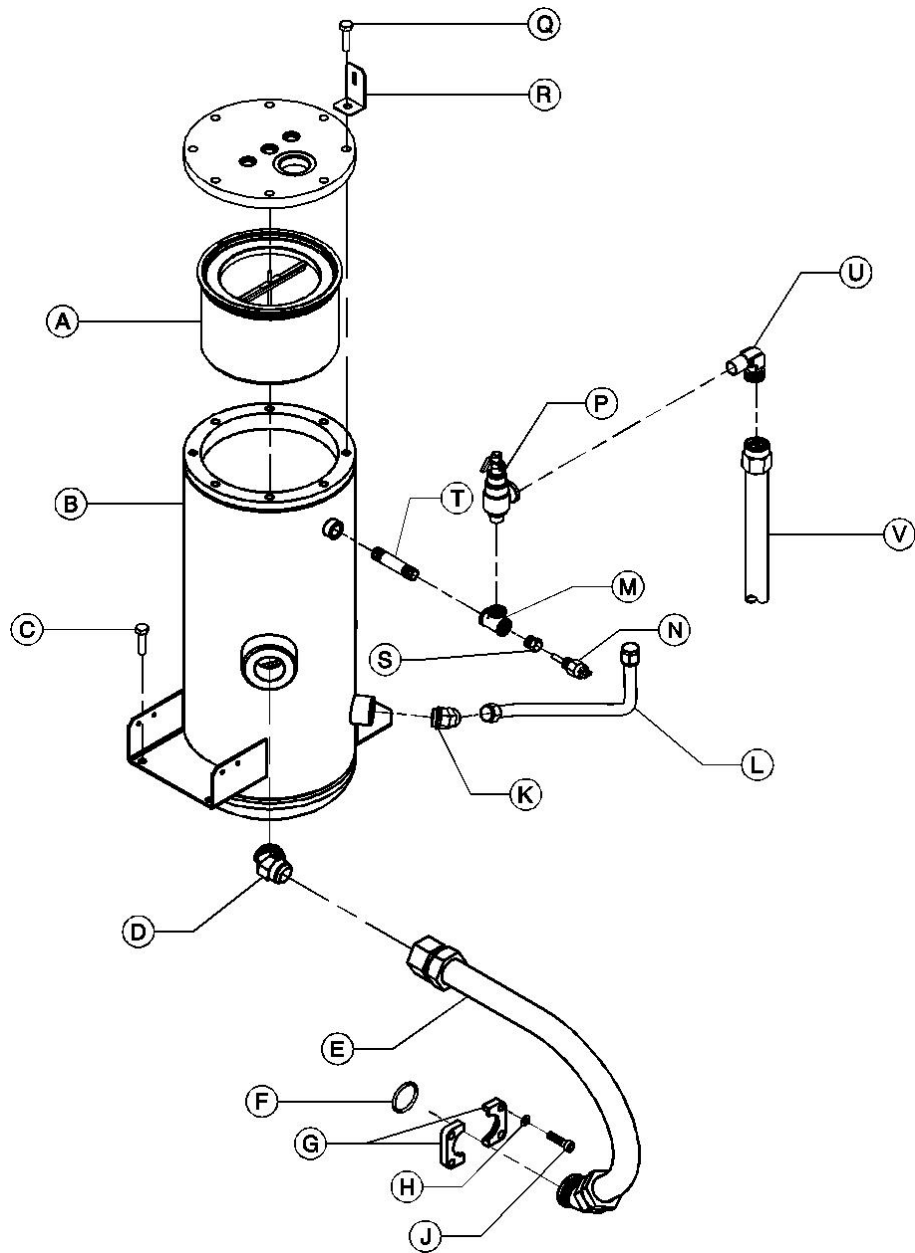
OIL TEMPERATURE BYPASS VALVE



23060270_21_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54414305	Housing, OTBV	1	
B	36788172	Seal, U-Type Viton	1	
C	36782019	Element, 125° -145° F	1	
D	95022307	O-Ring	1	
E	36876779	Cover, OTBV	1	
F	96702659	Screw, Hex M08-1.25 X 25	4	
G	35379940	Spring	1	
H	35288448	Ball	1	
J	54414677	Orifice, Oil	1	

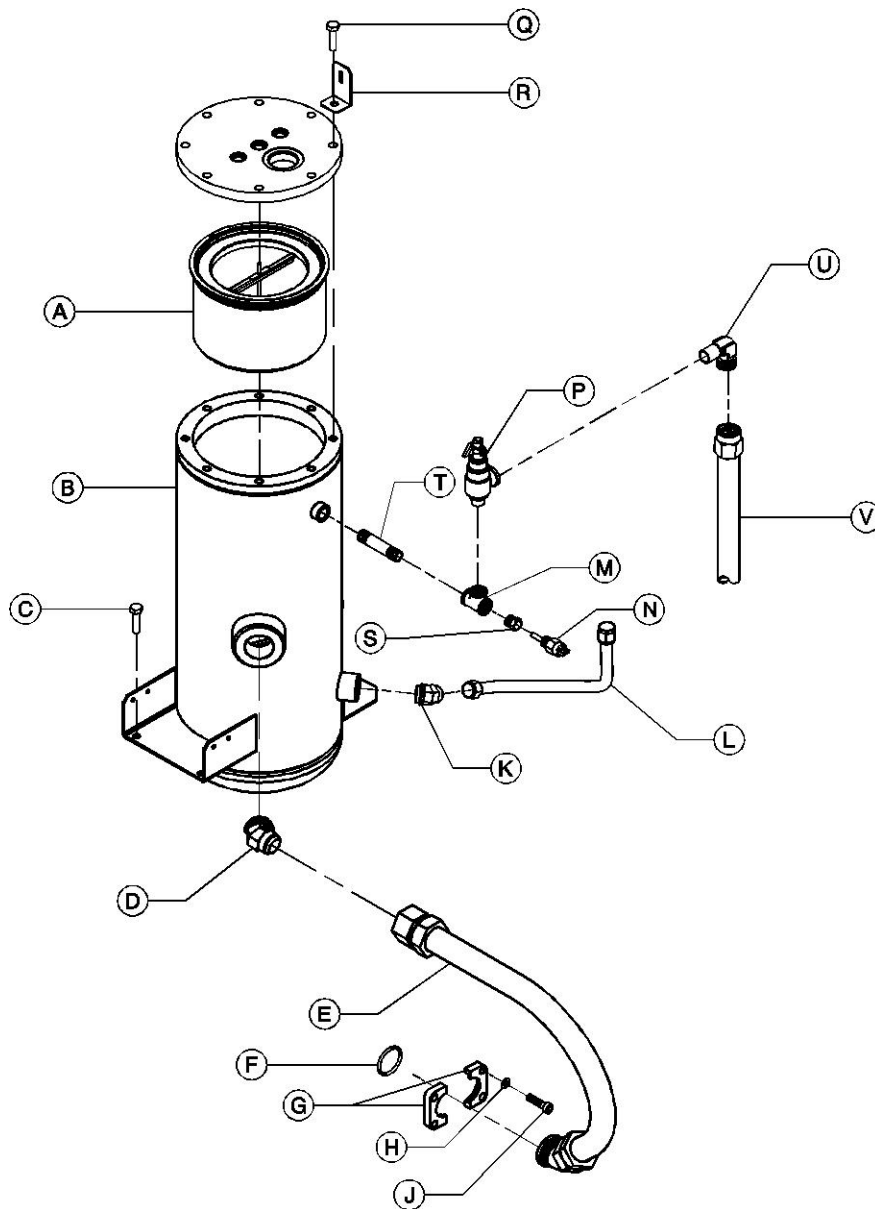
SEPARATOR TANK COMPLETE



23060270_22_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22111975	Element, Separator	1	Continued...
B	22331912	Tank, Separator	1	
C	36888055	Screw, Hex Flange M12-1.75 X 30	4	
D	95944732	Elbow, 45° 2.50-12 SAE	1	
E	54688015	Hose, Discharge	1	
F	95357976	O-Ring	1	
G	35292143	Flange, Half	2	
H	95934683	Washer, Lock	4	
J	96719810	Screw, Hex M14-2.0 X 40	4	
K	95992632	Elbow, 45° X 1.31-21 SAE	1	

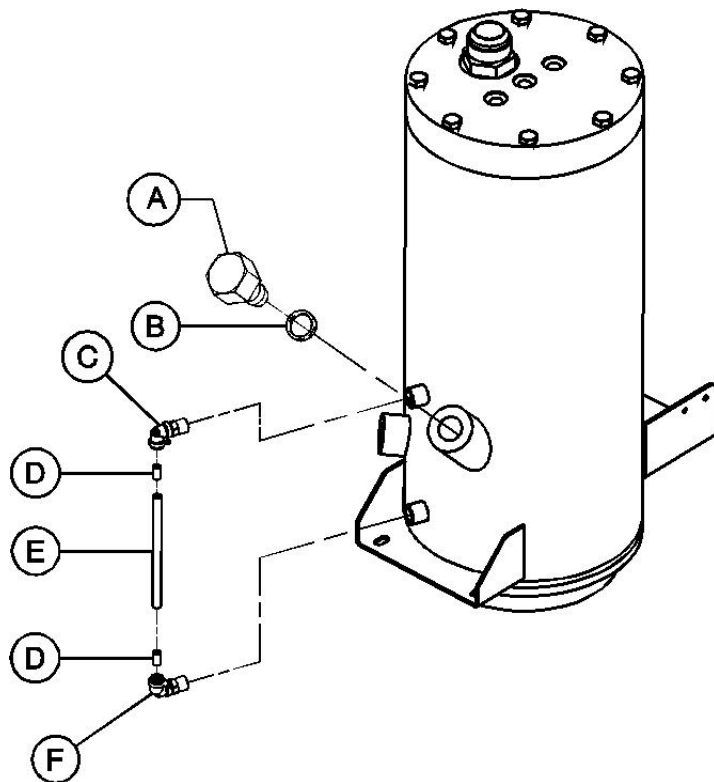
SEPARATOR TANK COMPLETE (cont'd)



23060270_22_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	35227909	Hose, -16 X 25"	1	
M	95954210	Tee, 3/4" NPT	1	
N	36898922	Sensor, Temperature	1	
P	22299739	Valve, Safety 10.35 BAR	1	7/120
	22299747	Valve, Safety 13.8 BAR	1	10/105, 9/110
	22299762	Valve, Safety 17.2 BAR		14/85
Q	96727557	Screw, Hex Flange M16 X 60	8	
R	36785012	Bracket, Separator Tank Lift	2	
S	95952248	Bushing, Reducing 1/2" NPT X 3/8" NPT	1	
T	95928040	Nipple, Closed 3/4" NPT X 1.38"	1	
U	95279410	Elbow, 90° 1" NPT X -16 JIC	1	
V	22060073	Tube, Discharge	1	

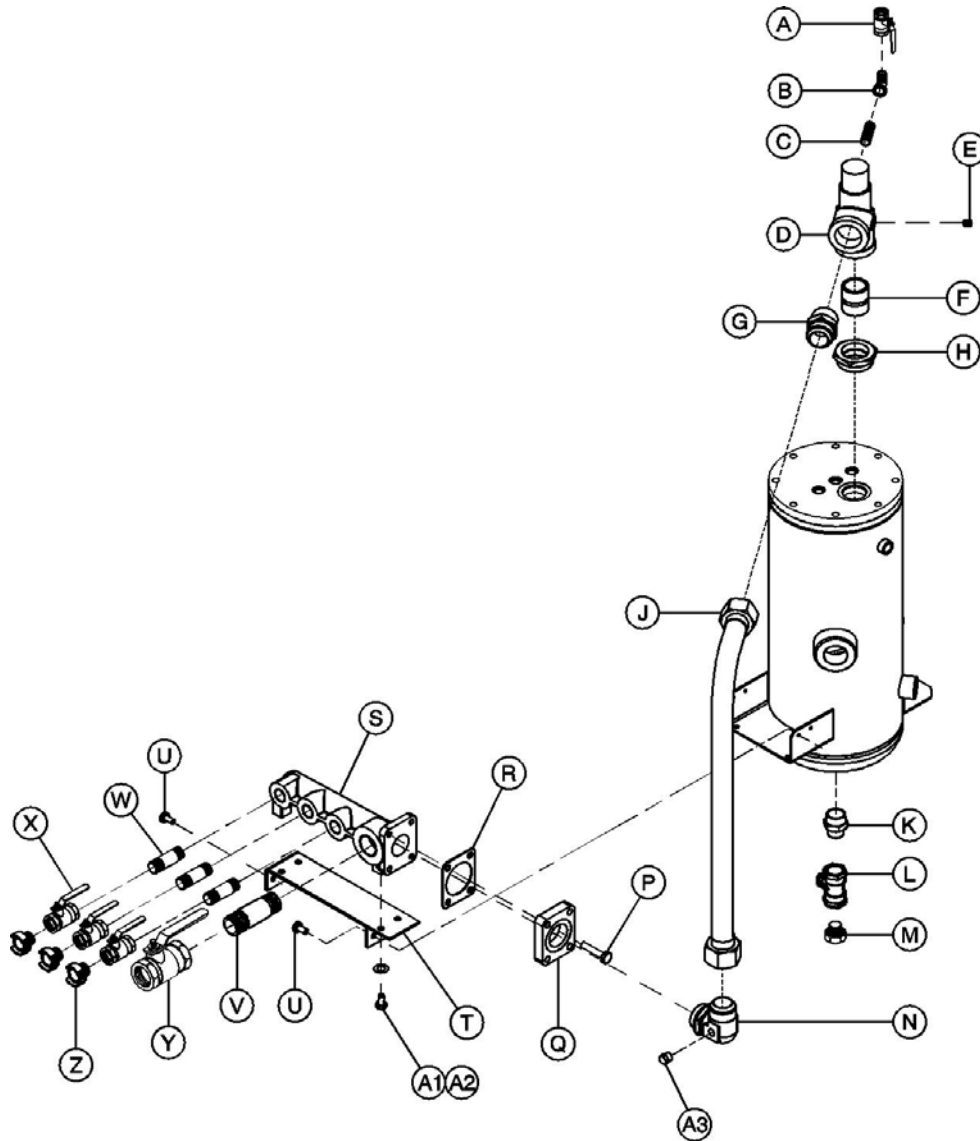
SEPARATOR TANK SIGHT GLASS



23060270_23_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35579630	Plug, Hex 1.62-12"	1	
B	35279942	O-Ring	1	
C	22685481	Elbow, Top Compression	1	
D	22685507	Insert, 1/4" Tube	2	
E	54629464	Tube, Sight	1	
F	54627799	Elbow, Bottom Compression	1	

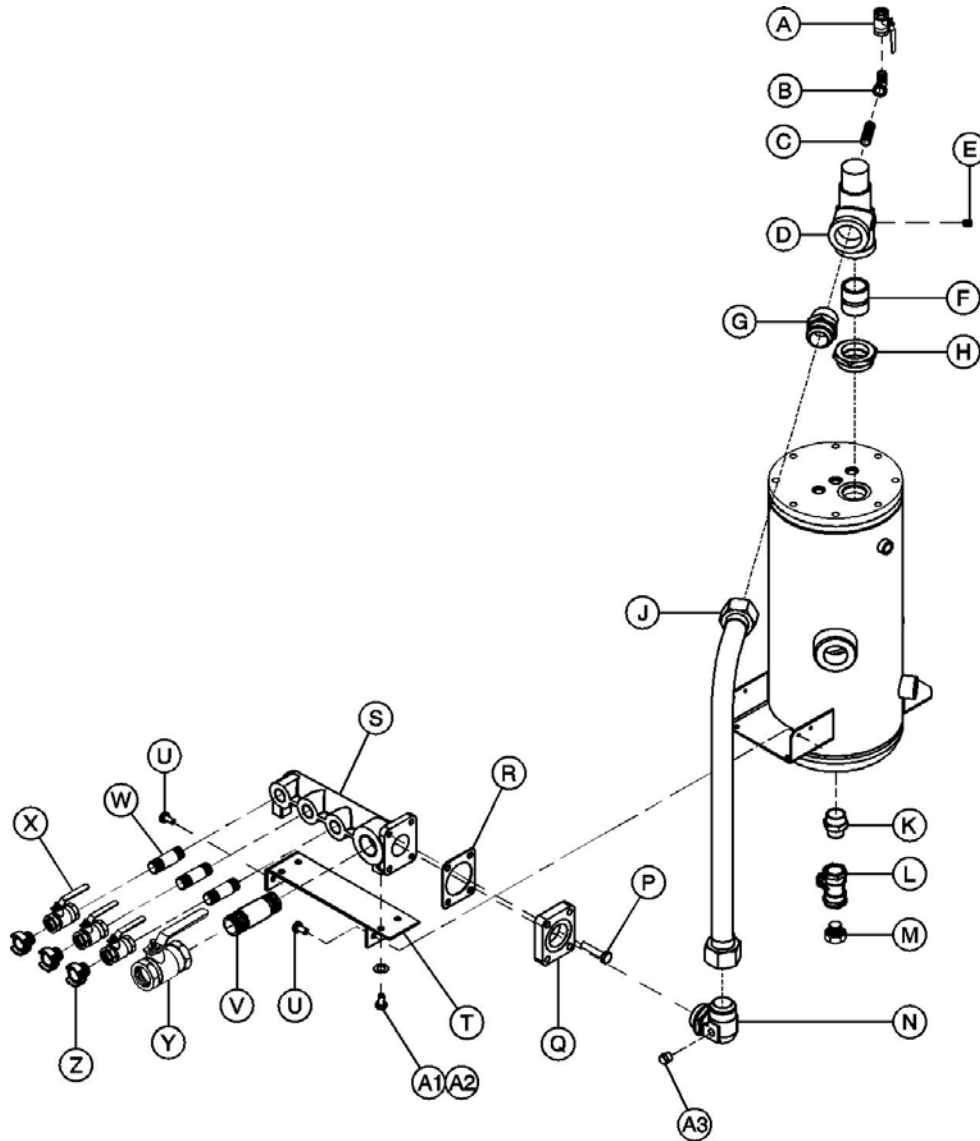
SERVICE AIR COMPLETE



23060270_24_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35576115	Valve, 3/4" NPT Ball	1	Continued...
B	95928172	Elbow, 90° 3/4" NPT Street	1	
C	95928040	Nipple, Closed 3/4" NPT X 1.38"	1	
D	22146641	Minimum Pressure Valve Assembly	1	
E	95928230	Plug, Hex Countersunk Socket 1/4" NPT	1	
F	95242996	Nipple, Short 1.50" NPT X 2.00"	1	
G	95208682	Adapter, 1.50" NPT X 1.88-12 UNF	1	
H	95741088	Adapter, 2.5-12 UNF X 1.5 NPT	1	
J	54698675	Tube, Service	1	
K	22446744	Adapter, 1.06-12 UN X 3/4" BSP	1	
L	22477301	Valve, 3/4" Butterfly Ball	1	
M	22481832	Plug, Hex 3/4" BSP	1	
N	22321129	Elbow, 90° 1.88-12 X -24JIC	1	

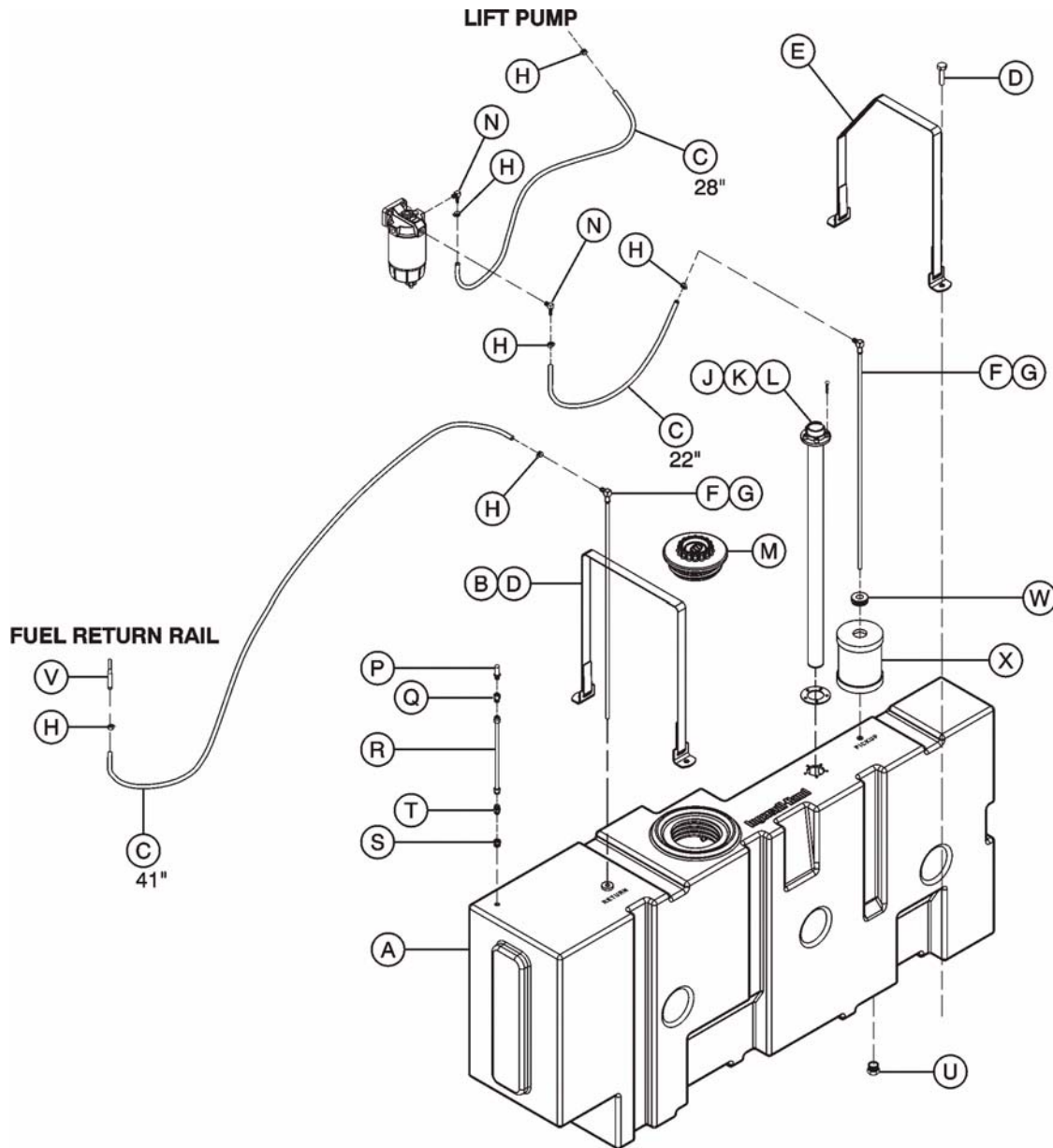
SERVICE AIR COMPLETE (cont'd)



23060270_24_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	96701487	Screw, Hex M10-1.50 X 30	4	
Q	54694815	Cover, Manifold	1	
R	35294628	Gasket, Manifold Cover	1	
S	36710036	Manifold, Service	1	
T	54698113	Support, Service Pipe	1	
U	35279025	Screw, Tapping M08-1.25 X 20	4	
V	92076454	Nipple, Pipe 1.25" BSPT X 1.25" NPT X 136 mm	1	
W	92076447	Nipple, Pipe 3/4" BSPT X 3/4 "NPT X 136 mm	3	
X	92294461	Valve, 3/4" NPT Ball	3	
Y	92111228	Valve, 1.25" NPT Ball	1	
Z	92178524	Coupling, Claw Type	3	
A1	96702279	Screw, Hex M10-1.50 X 20	3	
A2	96701404	Washer, Flat M10	3	
A3	92354653	Plug, 1/8" BSPT	1	

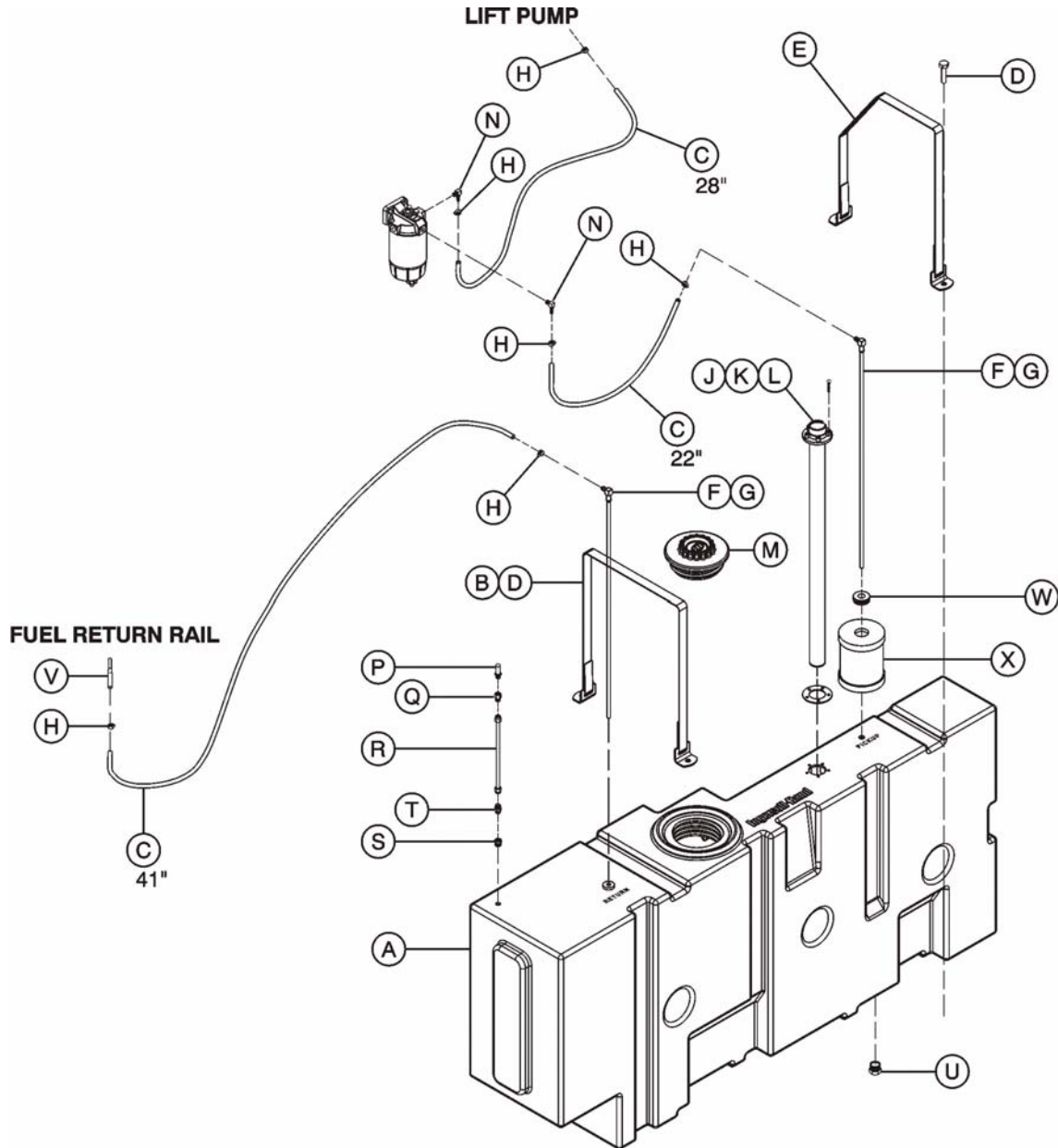
FUEL TANK COMPLETE



23060270_25_01/08_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54633938	Tank, Fuel	1	See Lengths Above
B	54720727	Strap, Fuel Tank	1	
C	35363498	HoseE, .5/16" Fuel	~	
D	35271170	Screw, Tapping M08-1.25 X 40	4	Included w/ Item A
E	54721170	Strap, Fuel Tank	1	
F	54675863	Standpipe Assembly	2	
G	35384577	Bushing, Nitrile	2	Included w/ Item A
H	35296342	Clamp, Worm Gear	6	
J	54731427	Sender, Fuel Level	1	
K	35361849	Gasket, Fuel Sender	1	Continued...
L	95916532	Screw, Fillister Head #10-32 X 1/2"	5	

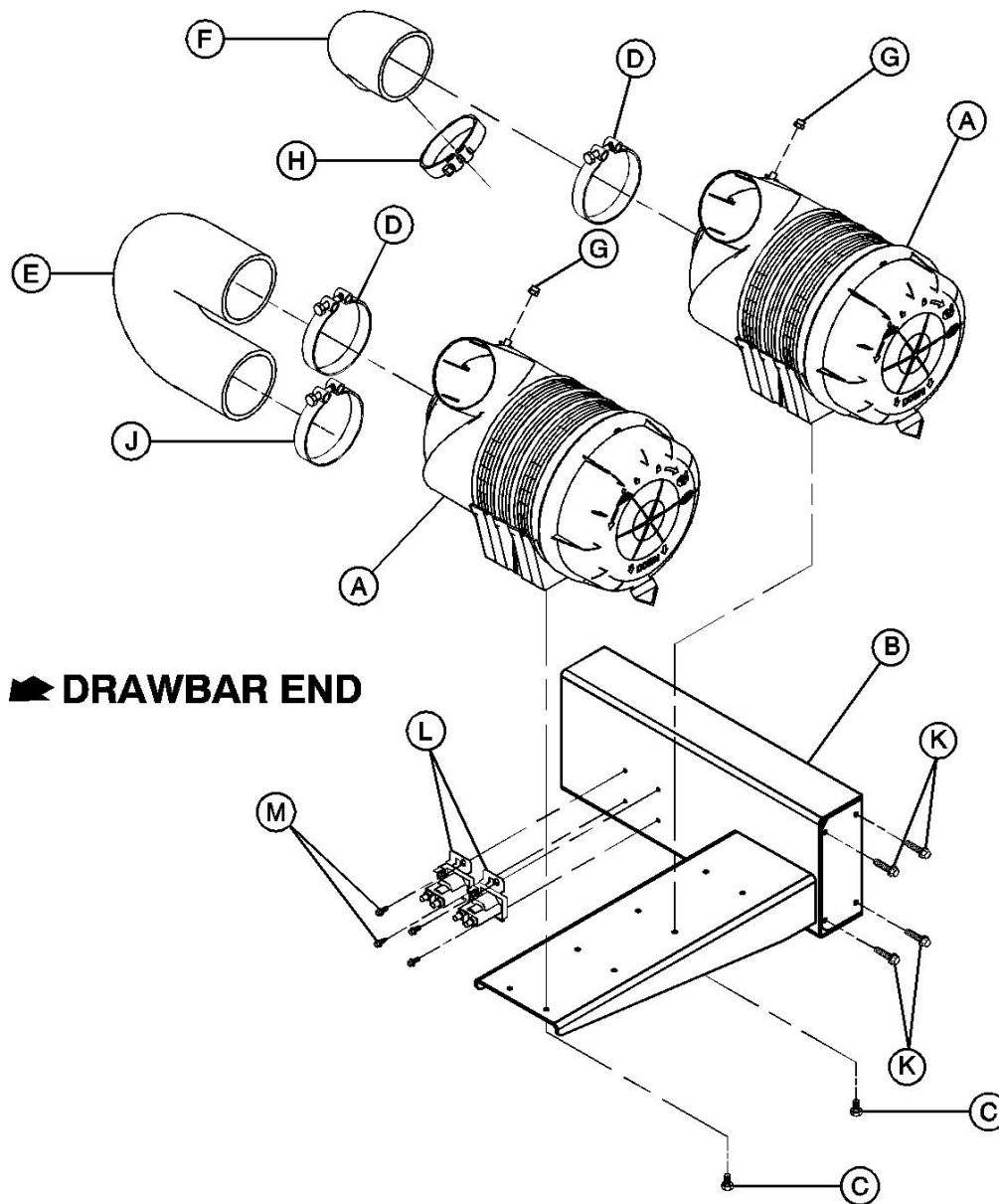
FUEL TANK COMPLETE (cont'd)



23060270_25_01/08_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	54660089	Cap, Fuel	1	
N	35378538	Elbow, 90° 1/4" NPT x 5/16" Barbed	2	
P	35322395	Silencer, Pneumatic 1/4" NPT	1	
Q	35369339	Connector, Female 1/4" NPTF X 3/8" Tube	1	
R	35356484	Tubing, 3/8" OD Synflex	8.5	
S	95940748	Bushing, Reducing 3/8" NPT X 1/4" NPT	1	
T	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	1	
U	95280541	Plug, Hex 1.06-12 SAE	1	
V	36895977	Reducer, Fuel Line 5/16" X 1/4"	1	
W	92726017	Grommet	1	
X	92808666	Filter, Fuel	1	

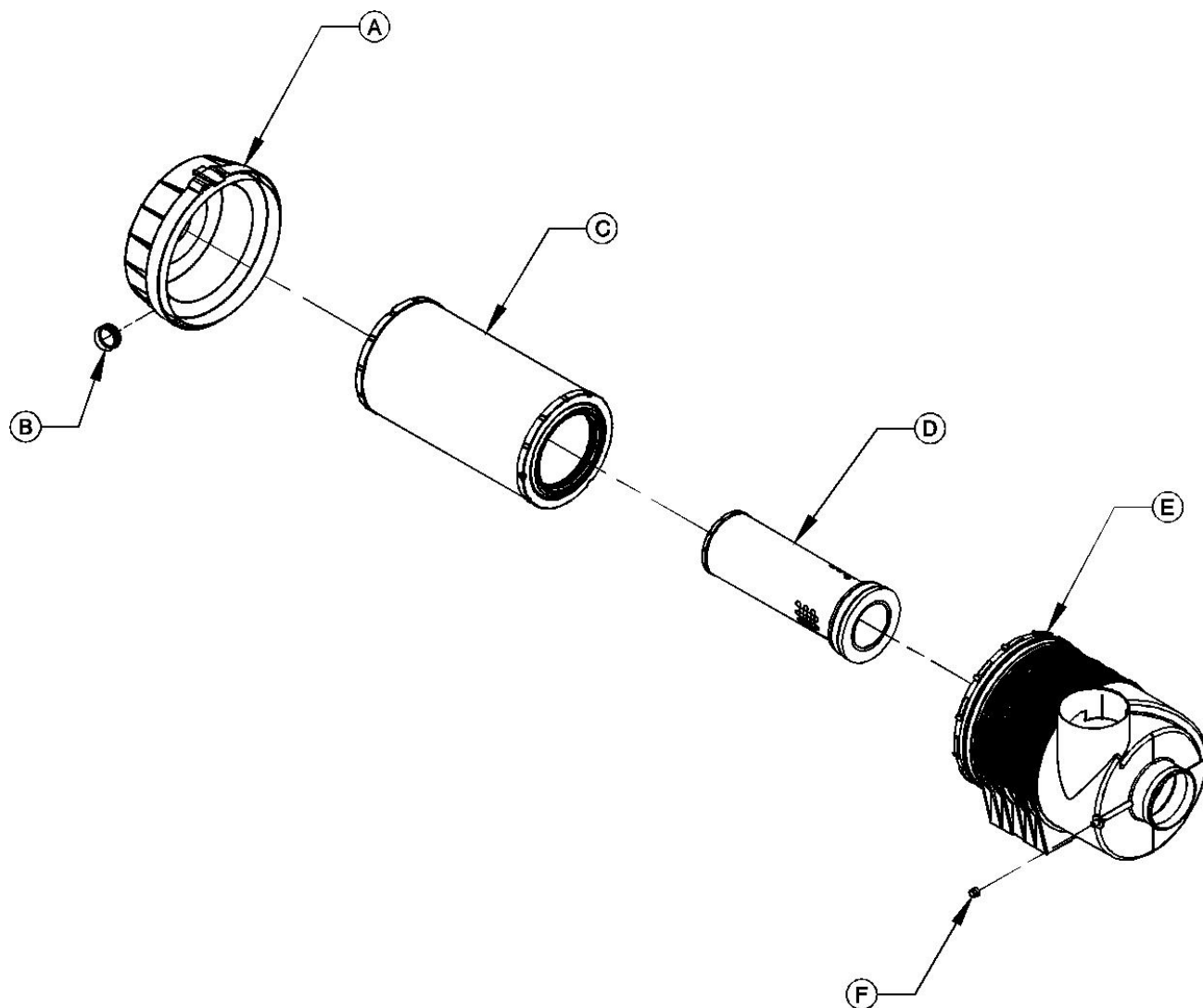
AIR INTAKE COMPLETE



23060270_26_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54661889	Air Cleaner Assembly	2	
B	22894703	Support, Air Cleaner	1	
C	96702816	Screw, Hex Head M08-1.25 X 16	8	
D	22067714	Clamp, T-Bolt 5.31"	2	
E	22895460	Hose, A/E Air Intake	1	
F	22895478	Hose, Engine Air Intake	1	
G	35314939	Indicator, Restriction	2	
H	35374073	Clamp, T-Bolt 3.62"	1	
J	36897668	Clamp, T-Bolt 4.75"	1	
K	35279025	Screw, Tapping M08-1.25 X 20	4	
L	36853521	Relay, 100 Amp	2	
M	92368687	Screw, Tapping M06-1.0 X 12	4	

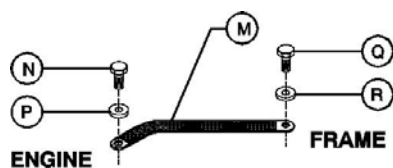
AIR CLEANER ASSEMBLY



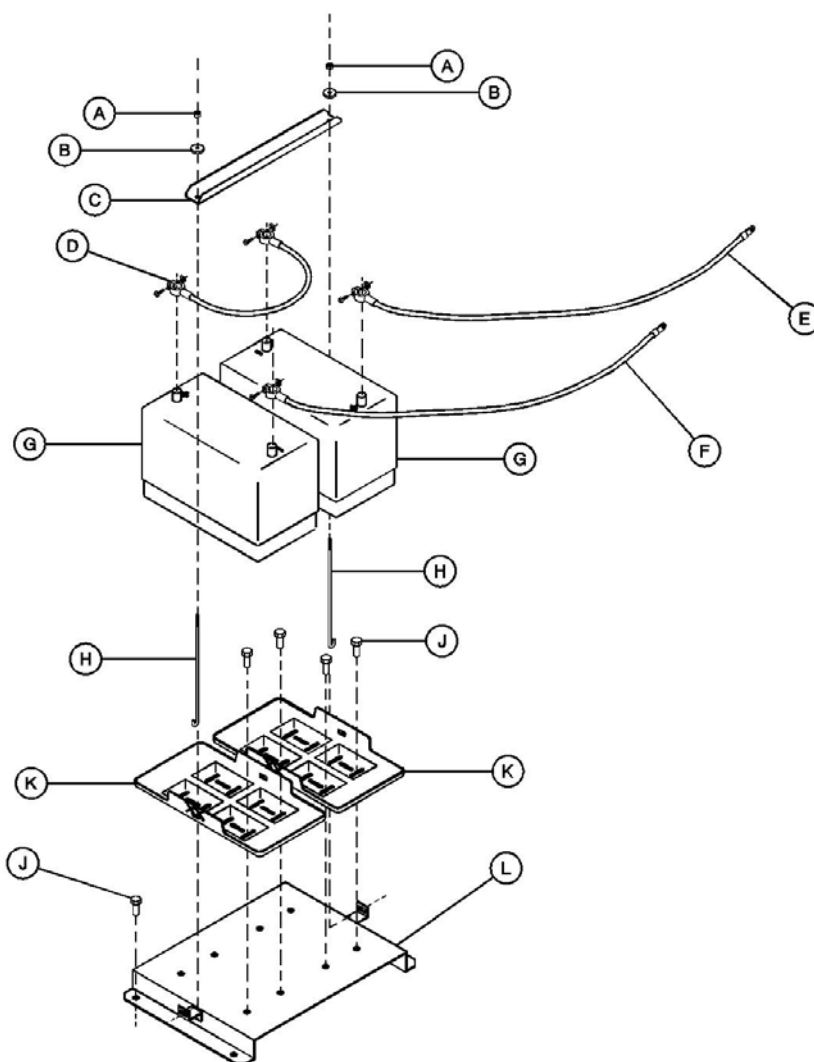
23060270_27_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54692975	Cover, Air Cleaner	1	
B	35393677	Valve, Dust ejector	1	
C	54717145	Element, Primary	1	
D	54717152	Element, Safety	1	
E	54692967	Body, Air Cleaner	1	
F	35393719	Cap, Plug	1	

BATTERY ASSEMBLY



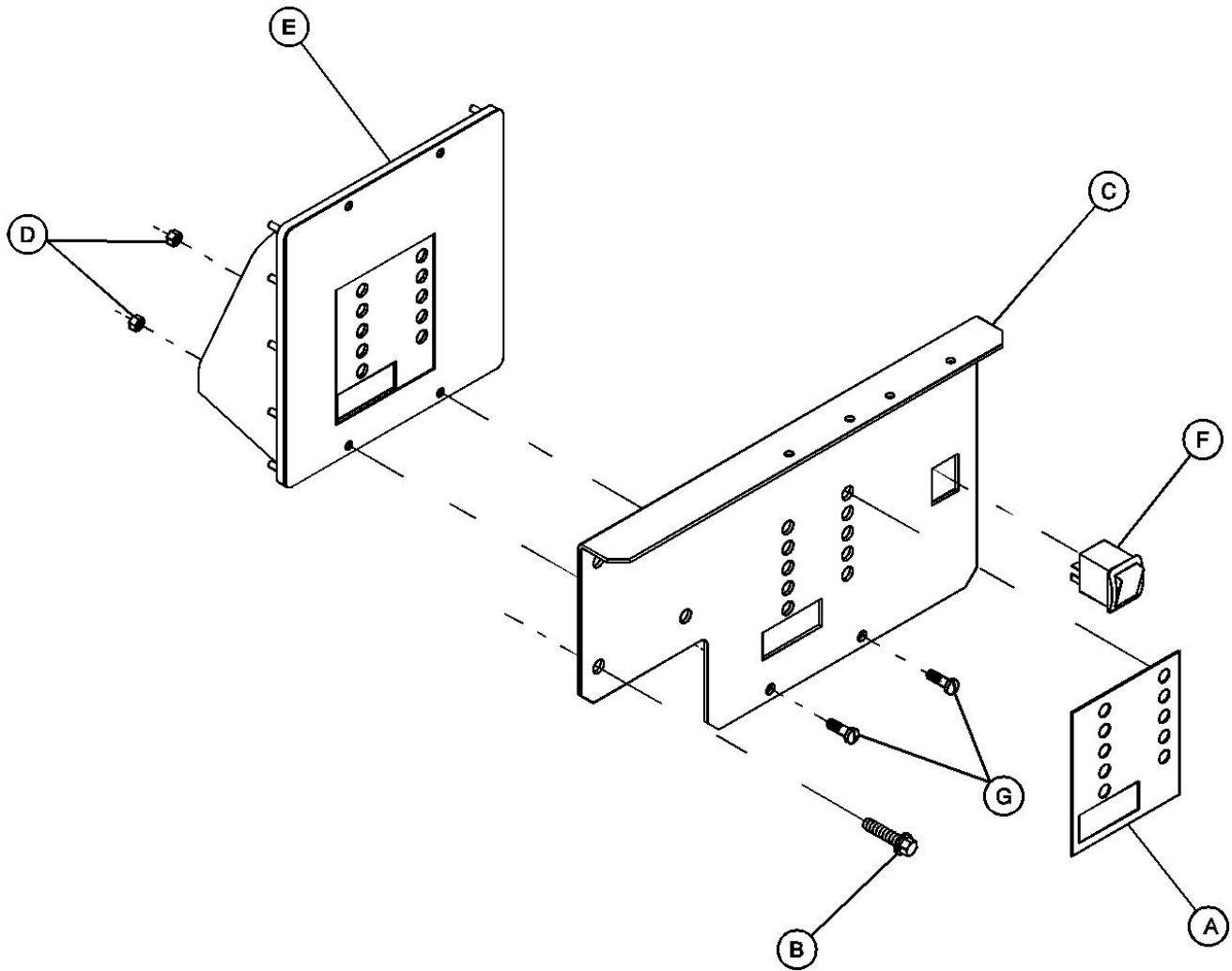
➡ DRAWBAR END



23060270_28_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95923298	Nut, Hex Lock 1/4-20	2	
B	36853265	Washer, Plastic 1/4"	2	
C	22431936	Hold Down, Battery	1	
D	35258789	Cable, Jumper	1	
E	35583582	Cable, Positive Battery	1	
F	35587088	Cable, Negative Battery	1	
G	22413876	Battery, 12V	2	
H	36860005	J-Bolt, 1/4-20	2	
J	36797652	Screw, Tapping M06-1.0 X 12	12	
K	36878064	Tray, Battery	2	
L	22425821	Bracket, Battery Mounting	1	
M	35578194	Strap, Ground	1	
N	96702311	Screw, Hex M12-1.75 x 30	1	
P	95935003	Washer, Flat 1/2"	1	
Q	35134550	Screw, Tapping 3/8-16 X 1"	1	
R	95934998	Washer, Flat 5/16"	1	

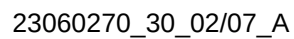
WEDGE CONTROLLER



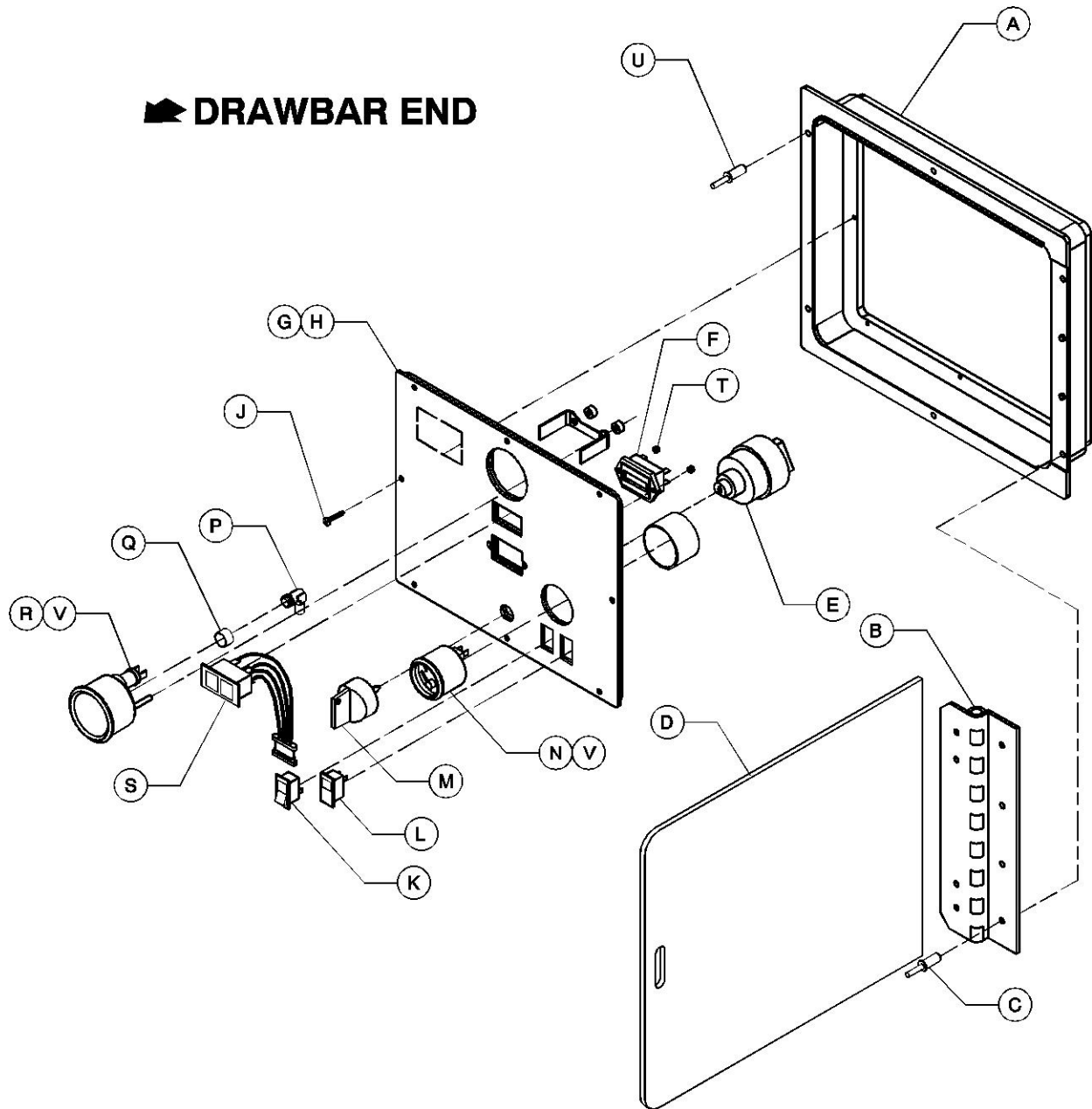
23060270_29_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22215354	Decal, Wedge	1	
B	35279025	Screw, Tapping M08-1.25 X 20	4	
C	22197776	Bracket, Wedge Mounting	1	
D	35375807	Nut, Hex M05-0.8	4	
E	22173579	Wedge Module	1	
F	54475777	Switch, Rocker SP Momentary	1	
G	35369446	Screw, Hex M05-0.8 X 50	4	

DRAWBAR END

B - 50

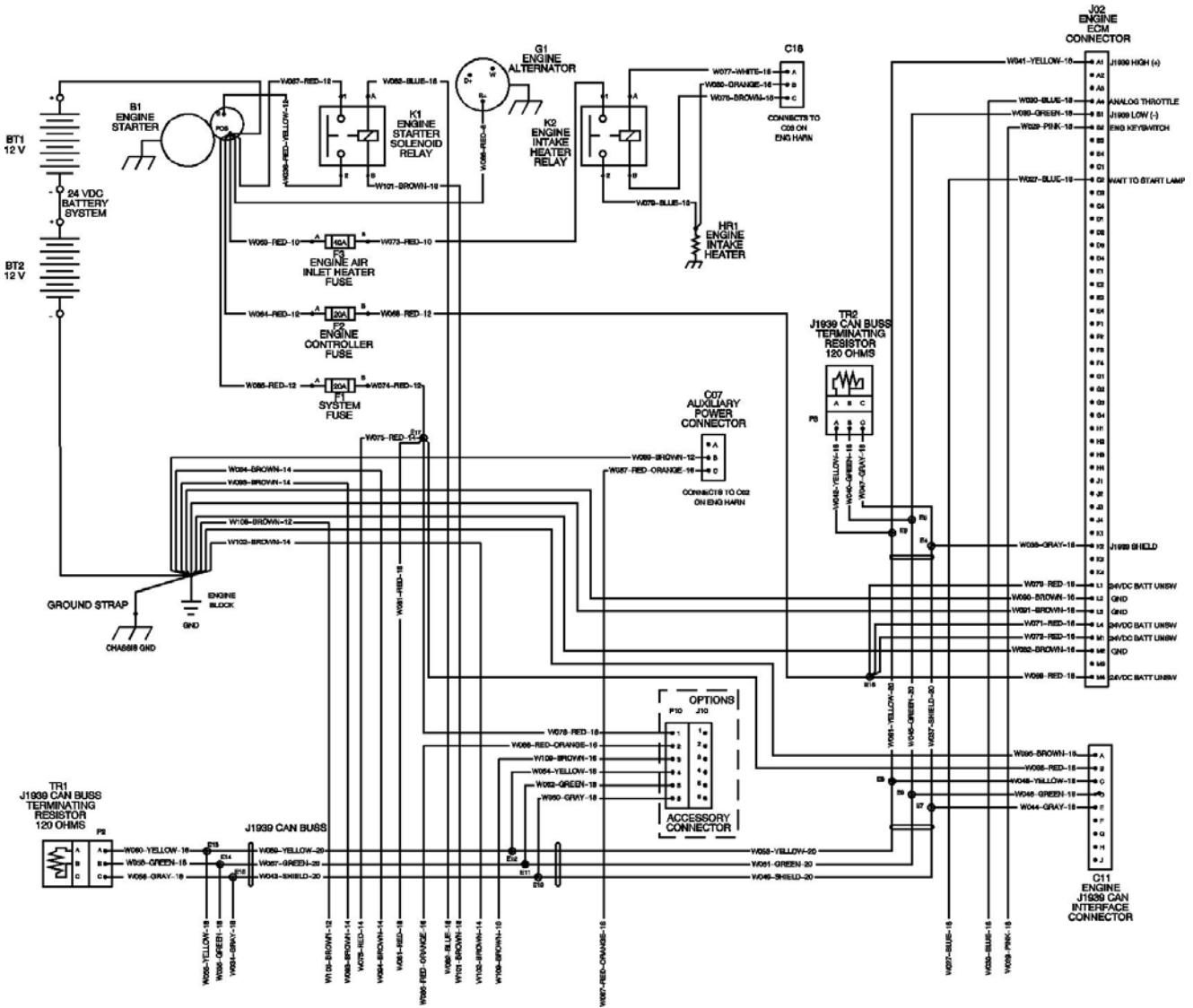
INSTRUMENT / CONTROL PANEL (cont'd)



23060270_30_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	22050553	Light, Warning	1	
M	22134118	Knob, Non-Removable Key	1	
N	22692602	Gauge, Fuel Level	1	
P	35370386	Elbow, 90° Male 1/8" NPT X 1/8" NPT	1	
Q	95935599	Coupling, 1/8" NPT X 3/4"	1	
R	36891216	Gauge, Pressure 250 PSI	1	
S	22172423	Module, 2-Light Warning	1	
T	22054159	Nut, #4-40 Plastic	2	
U	36920486	Rivet, SS .19 Dia.	4	
V	22137426	Lamp, 28V	2	

CHASSIS WIRING DIAGRAM

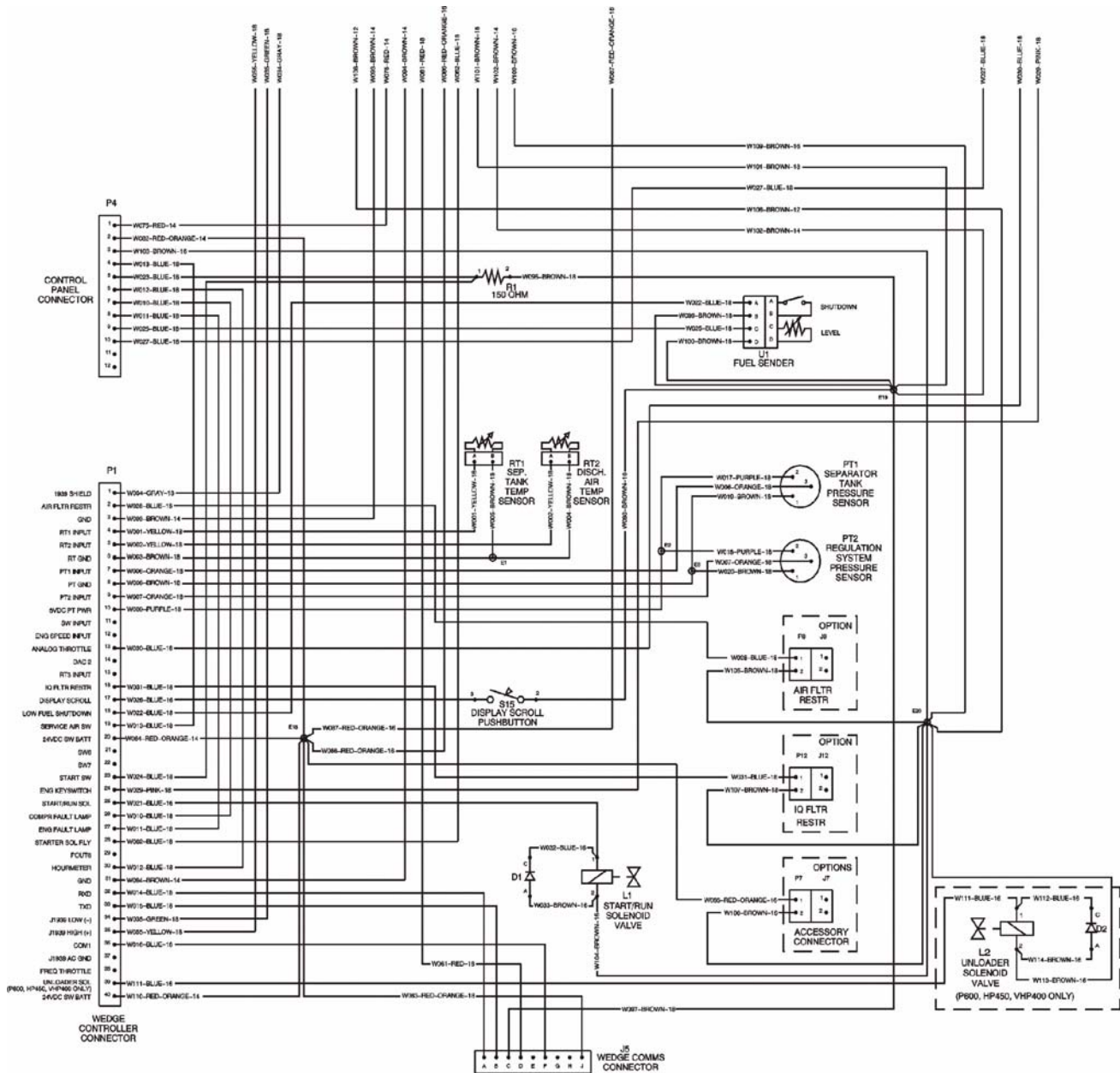


23060270_31_03/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1	22206213	Starter		
BT1	22413876	Battery, 12V		
BT2	22413876	Battery, 12V		
F1	36792083	Fuse, 20A		
F2	36792083	Fuse, 20A		
F3	22986962	Fuse, 40A		
G1	22206221	Alternator		
HR1	85473999	Heater, Air Intake		
K1	23050099	Relay, Sealed 24V		Starter Solenoid
K2	23050099	Relay, Sealed 24V		Intake Heater
TR1	54750633	Terminator, Resistor		
TR2	54750633	Terminator, Resistor		
<i>Continued...</i>				

Continued...

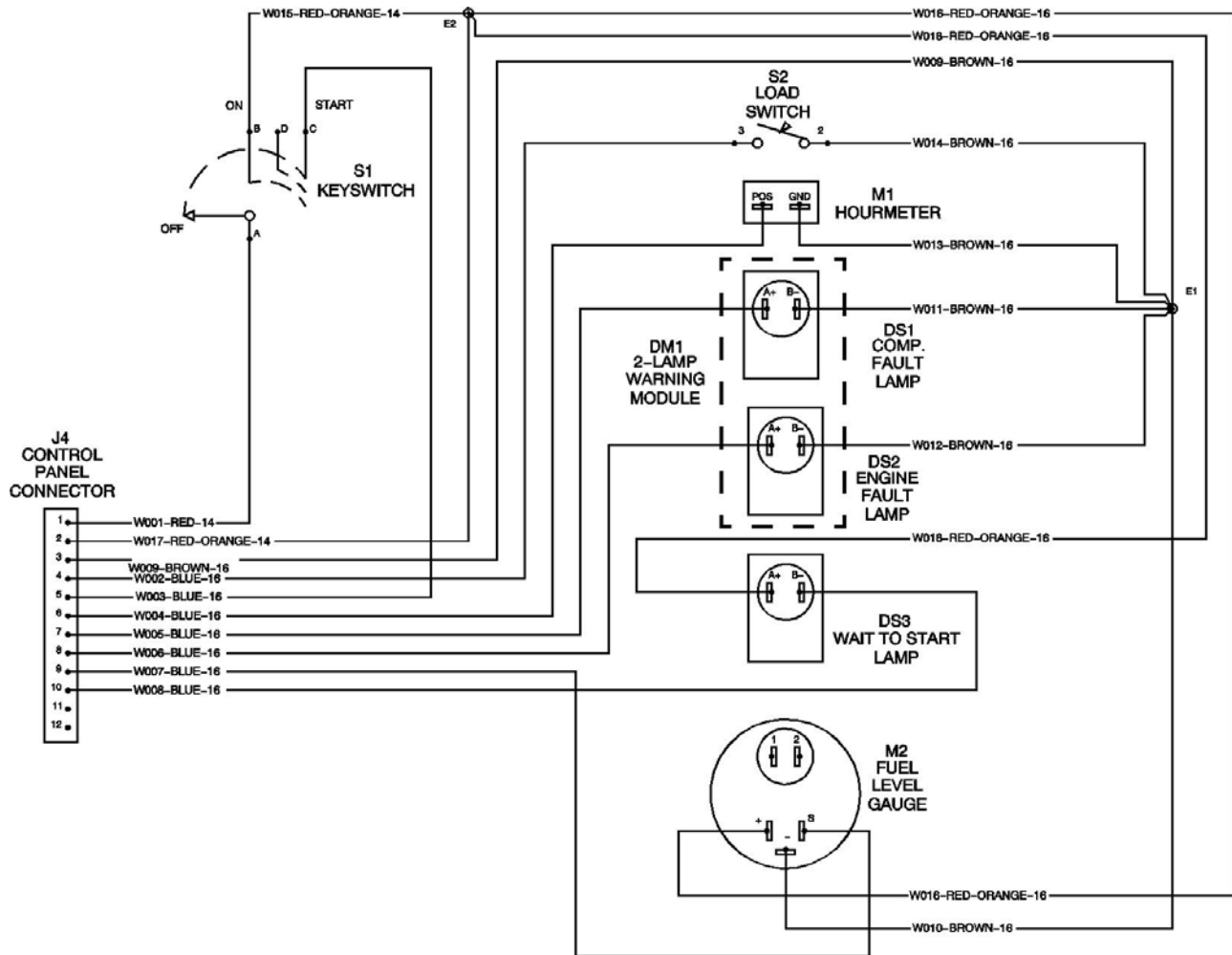
CHASSIS WIRING DIAGRAM (cont'd)



23060270_32_01/08_B

ITEM	COMM. NO.	DESCRIPTION	Q	DIMENSIONS/NOTES
D1	35376169	Diode		
L1	36840841	Valve, Solenoid 24 V 0-100 PSI		Start / Run
L2	36840841	Valve, Solenoid 24 V 0-100 PSI (7/170, 10/125, 14/115 ONLY)		Unloader
PT1	54765946	Transducer, 0-500 PSIG		Separator Tank
PT2	36920825	Transducer, 0-100 PSI		Regulation
R1	~	Resistor		
RT1	36898922	Sensor, Temperature		Separator Tank
RT2	36898922	Sensor, Temperature		Discharge Air
S15	54475777	Switch, Rocker SP Momentary		Scroll
U1	54731427	Sender, Fuel Level		
W1	22969554	Harness, Chassis		

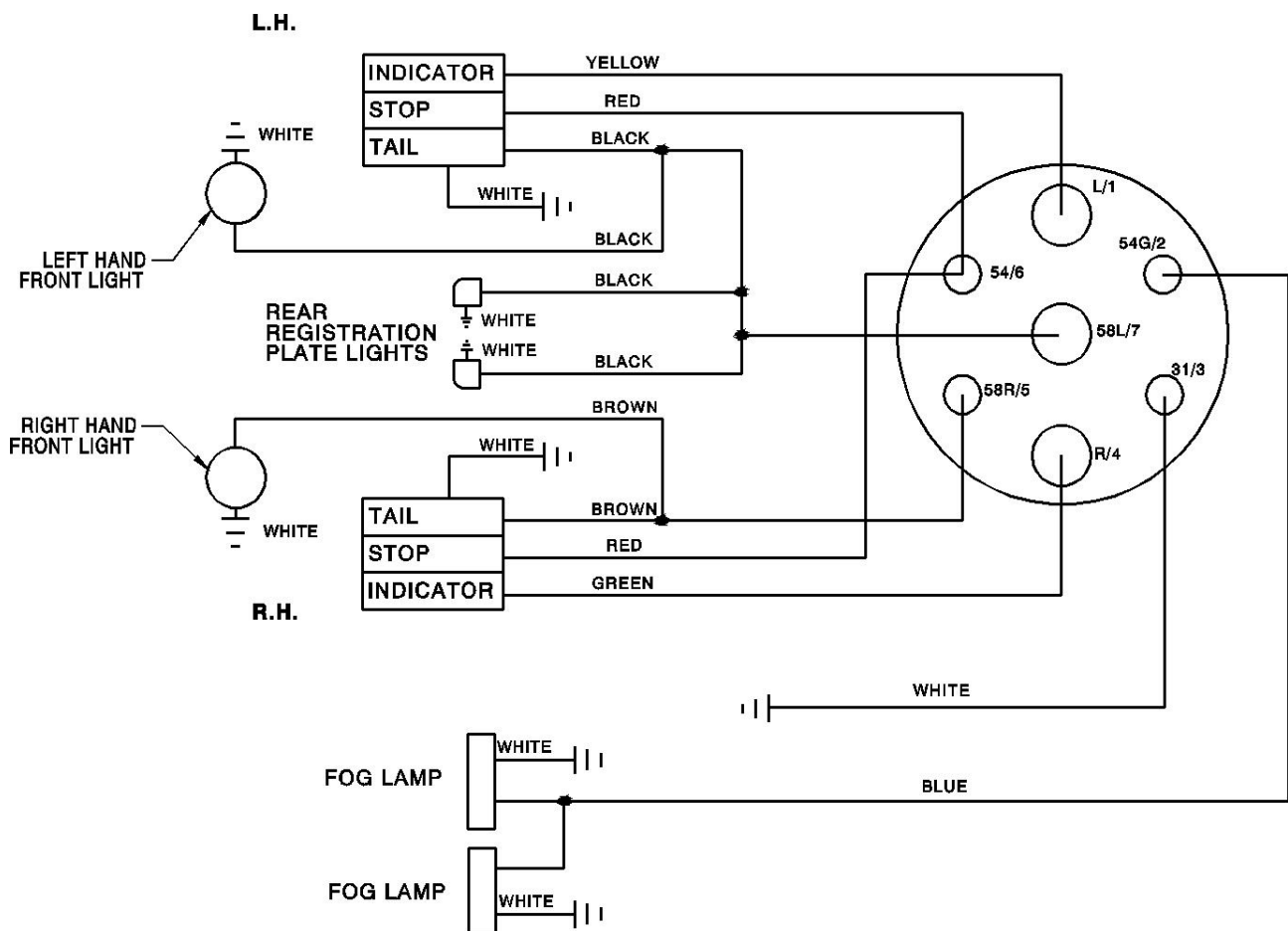
INSTRUMENT PANEL WIRING DIAGRAM



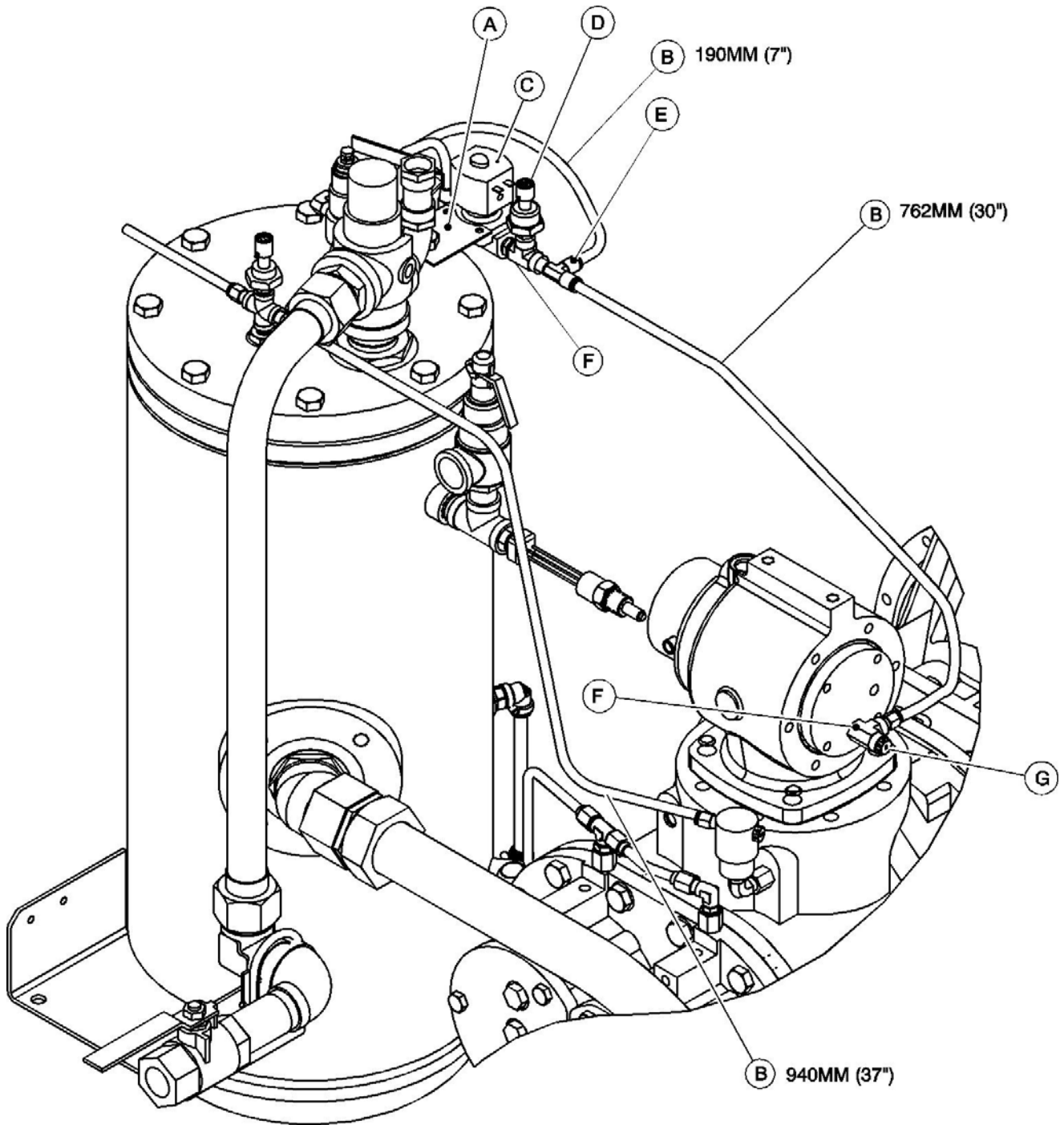
23060270_33_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DM1	22172423	Module, 2-Light Warning		
DS3	22050553	Light, Warning		Wait to Start
M1	22054175	Hourmeter		
M2	22692602	Gauge, Fuel Level		
S1	22127385	Switch, Start		
S2	22054076	Switch, Rocker SPST Momentary		Load / Unload
W2	22835680	Harness, Instrument Panel		

TAIL LIGHT WIRING DIAGRAM



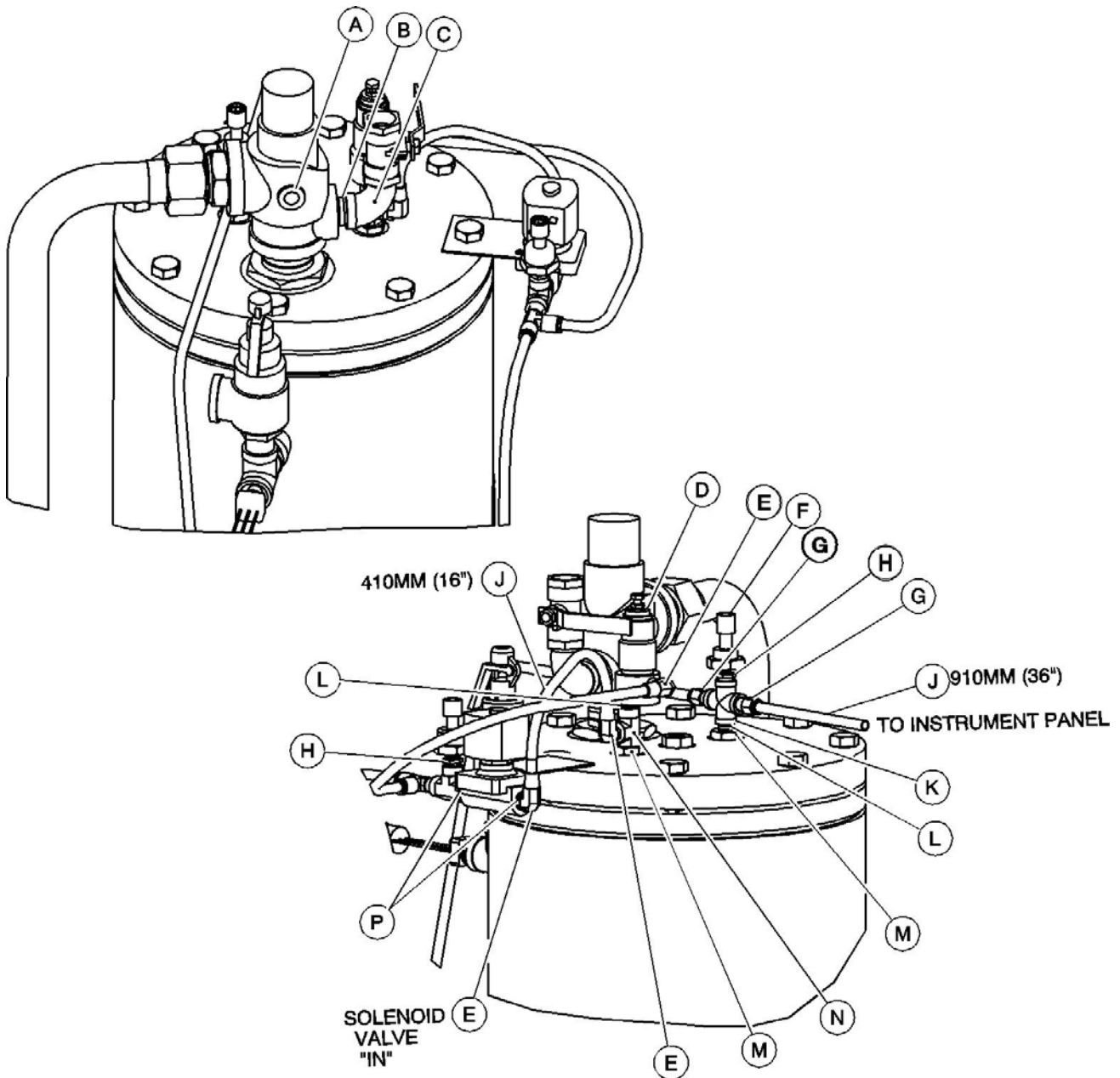
AIR PIPING (cont'd)



23060270_36_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892669	Bracket, Start / Run Valve	1	See Lengths Above
B	35356484	Tubing, 3/8" OD Synflex	~	
C	36840841	Valve, Solenoid 24 V 0-100 PSI	1	
D	36920825	Transducer, 0-100 PSI	1	
E	35369503	Tee, Male Run 1/4" NPT X 3/8 Tube	1	
F	35114545	Tee, Street 1/4" NPT	2	
G	36766731	Orifice, Muffler .156	1	

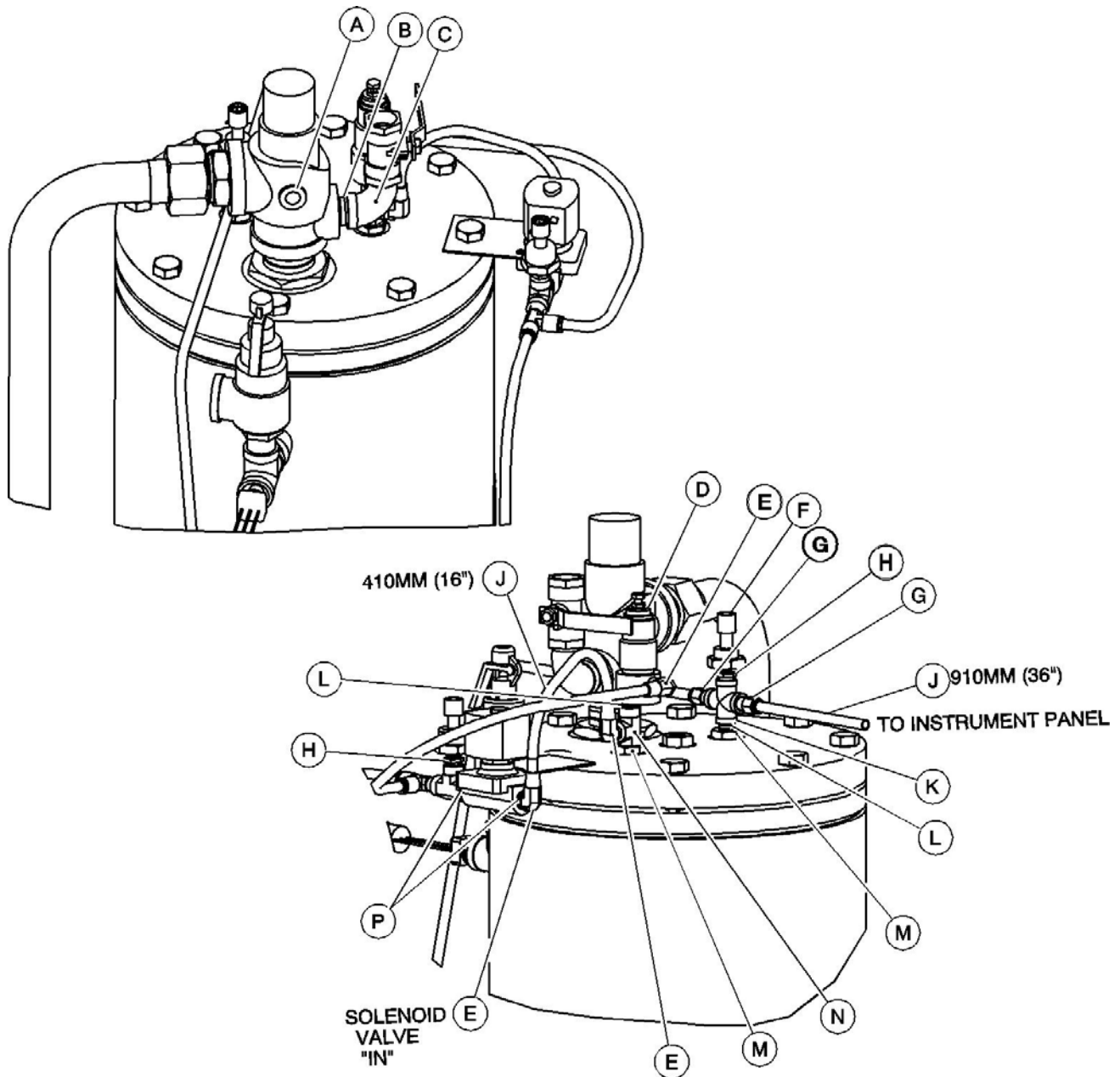
AIR PIPING (cont'd)



23060270_36_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95928230	Plug, Hex Countersunk Socket 1/4" NPT	1	7/120, 9/110 10/105, 14/85 Continued...
B	95928040	Nipple, Closed 3/4" NPT X 1.38"	1	
C	95928172	Elbow, 90° 3/4" NPT Street	1	
D	36854149	Regulator, Pressure 100 PSI	1	
	36896892	Regulator, Pressure 200 PSI	1	
E	35369354	Elbow, Male 1/4 NPT X 3/8 Tube	3	
F	54765946	Transducer, 0-500 PSI	1	
G	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	2	

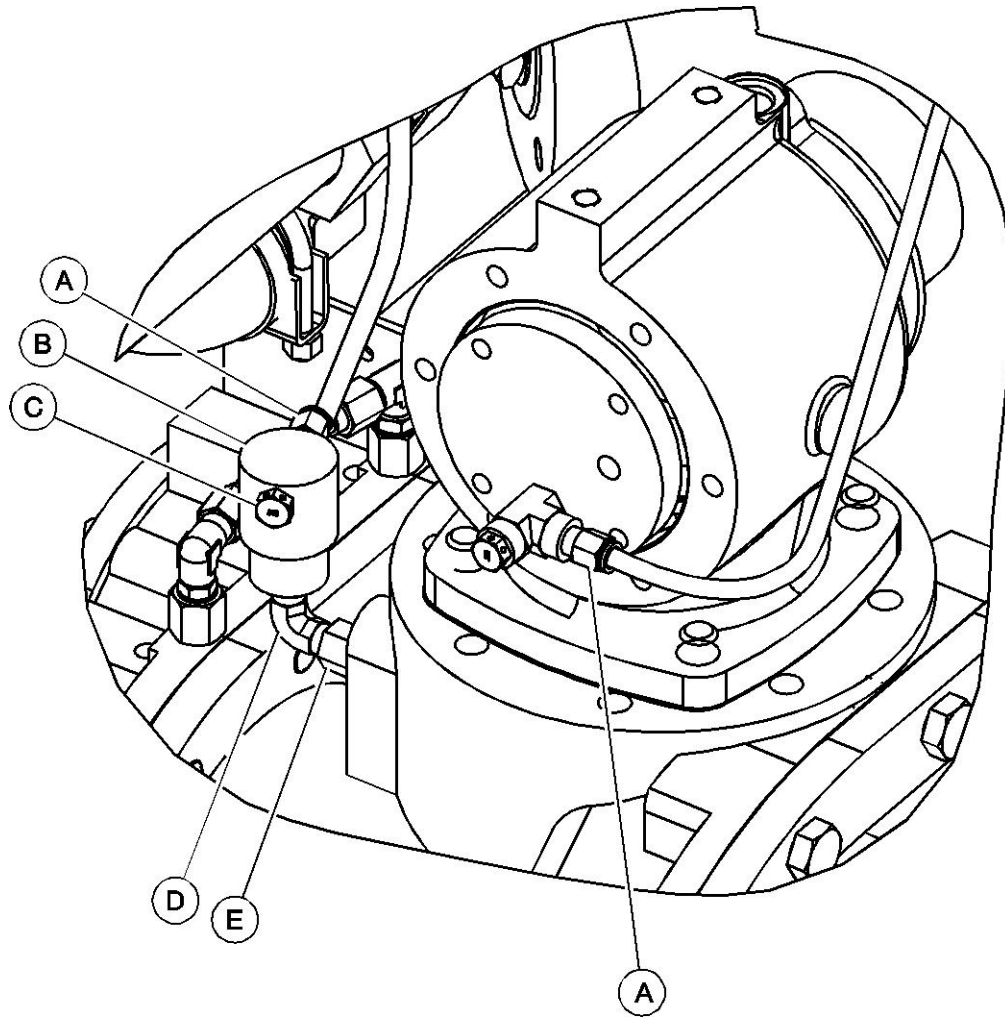
AIR PIPING (cont'd)



23060270_36_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	95930301	Bushing, Reducing 1/4" NPT X 1/8" NPT	2	See Lengths Above
J	35356484	Tubing, 3/8" OD Synflex	~	
K	95954293	Cross, .25" NPT	1	
L	95944575	Nipple, Closed 1/4" NPT X 7/8"	2	
M	95773032	Adapter, 90° Female 7/8-14 X 1/4" NPT	2	
N	35114545	Tee, Street 1/4" NPT	1	
P	95940748	Bushing, Reducing 3/8" NPT X 1/4" NPT	2	

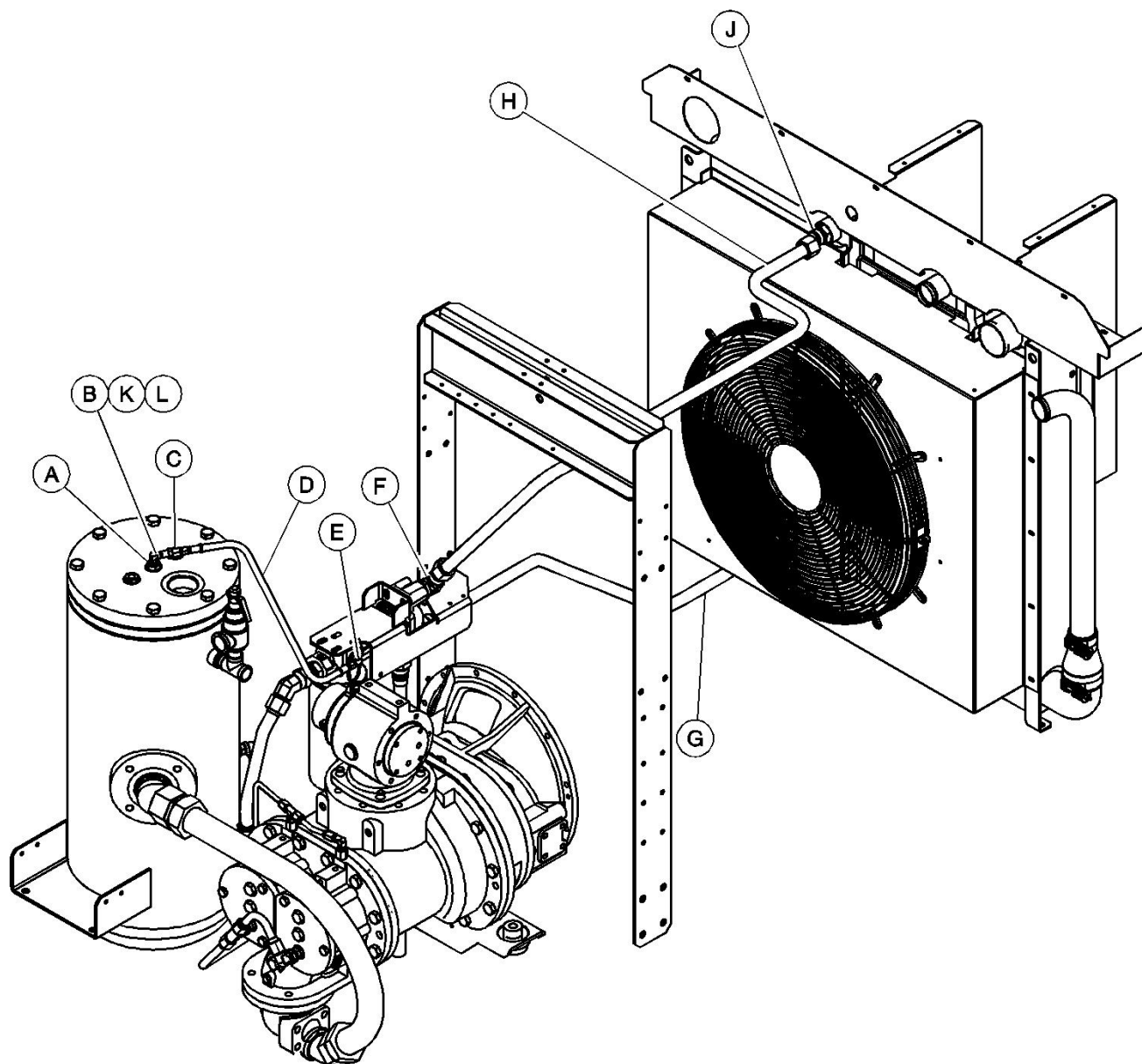
AIR PIPING (cont'd)



23060270_37_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	2	Repair Kit 35379064
B	35322379	Valve, Blowdown	2	
C	36766756	Orifice, Muffler .140	1	
D	95364469	Elbow, 90° 1/4" NPT X 1/4" NPT	1	
E	35302314	Adapter, 9/16-18 X 1/4" NPT	1	

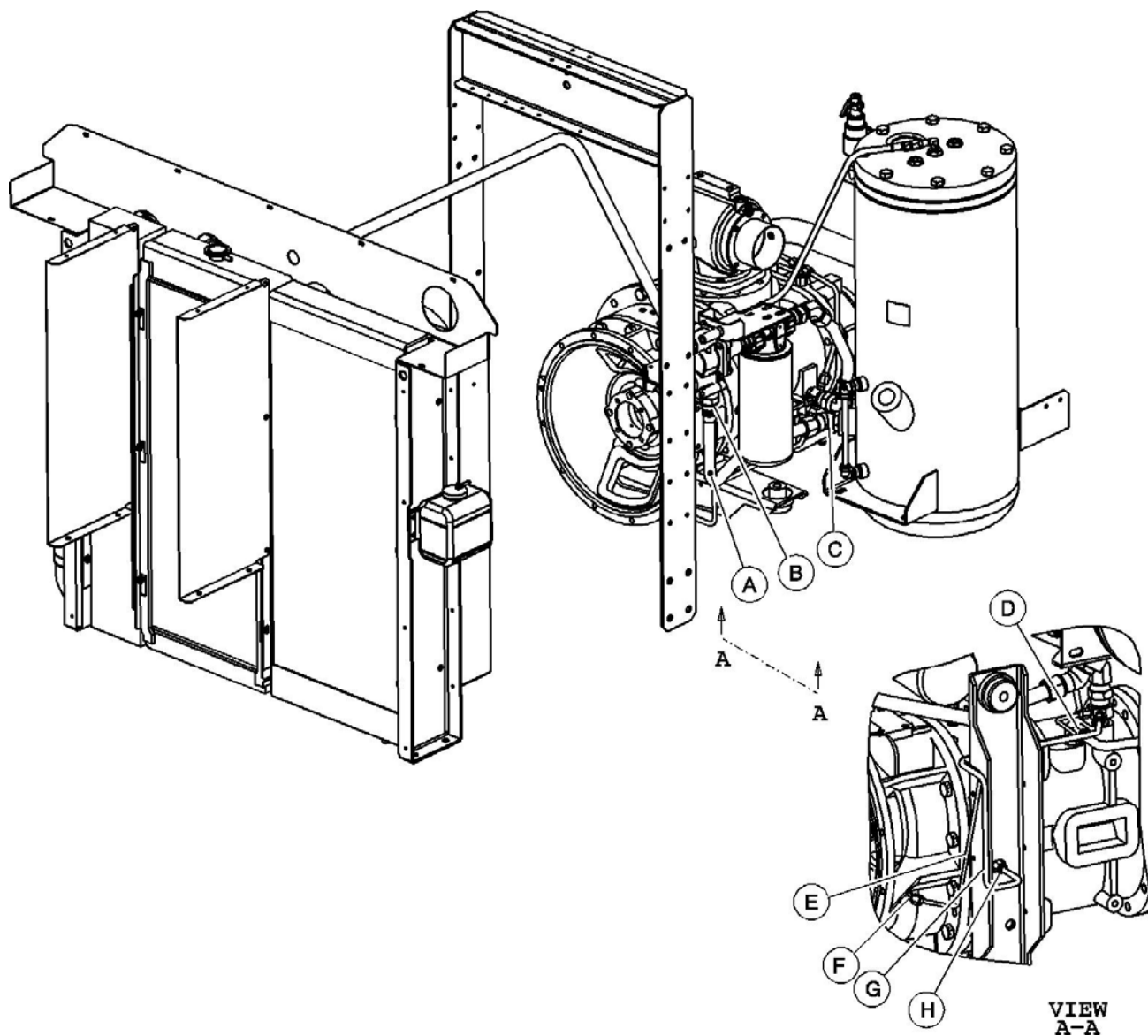
OIL PIPING



23060270_38_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54721337	Adapter, Oil Scavenge	1	
B	95944666	Elbow, Street 90° 1/4" NPT	1	
C	36840411	Valve, Check	1	
D	35315407	Hose Assembly, -4 JIC X 24"	1	
E	95365094	Elbow, 90° 9/16-18 X -4 JIC	1	
F	95938171	Elbow, 90° X 1.31-12 SAE	1	
G	22915292	Tube, OTBV to Oil Cooler	1	
H	22915284	Tube, Top Oil Cooler	1	
J	95955993	Connector, 1.31-12 SAE to 1.31-12 Tube	1	
K	92877620	O-Ring	AR	Included w/ Item B
L	95973228	O-Ring	AR	Included w/ Item B

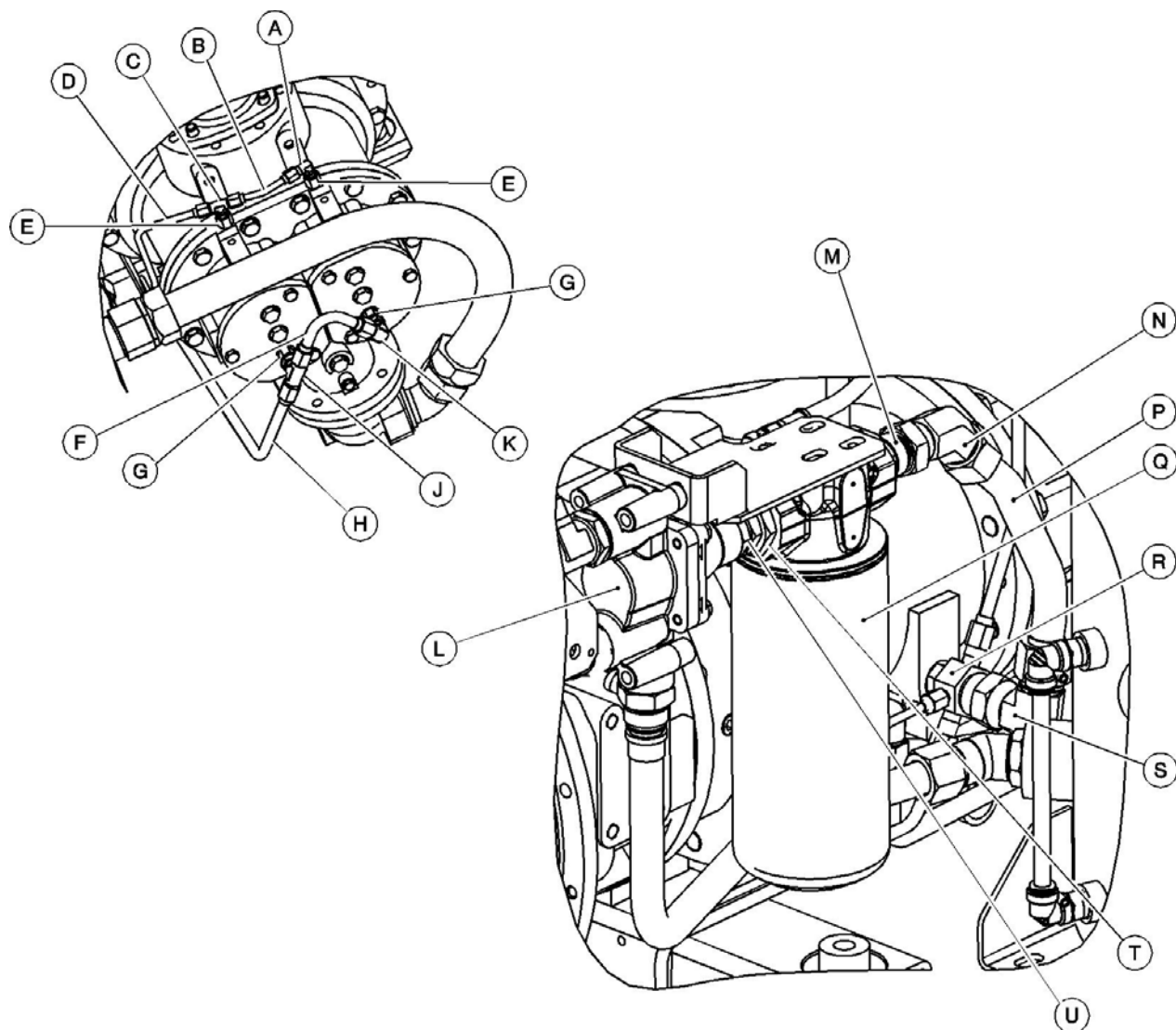
OIL PIPING (cont'd)



23060270_39_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35227909	Hose, -16 JIC X 25"	1	
B	95955993	Connector, 1.31-12 SAE to 1.31-12 Tube	1	
C	95992632	Elbow, 45° X 1.31-21 SAE	1	
D	35305622	Elbow, 90° SAE 3/4-16 X -10JIC	1	
E	36846152	Tube, Front Oil Seal	1	
F	35279884	Elbow, 45° SAE 7/16-20 X -4JIC	1	
G	22189609	Tube, Front Bearing Oil Supply	1	
H	95402806	Adapter, 7/16-20 X -6JIC	1	

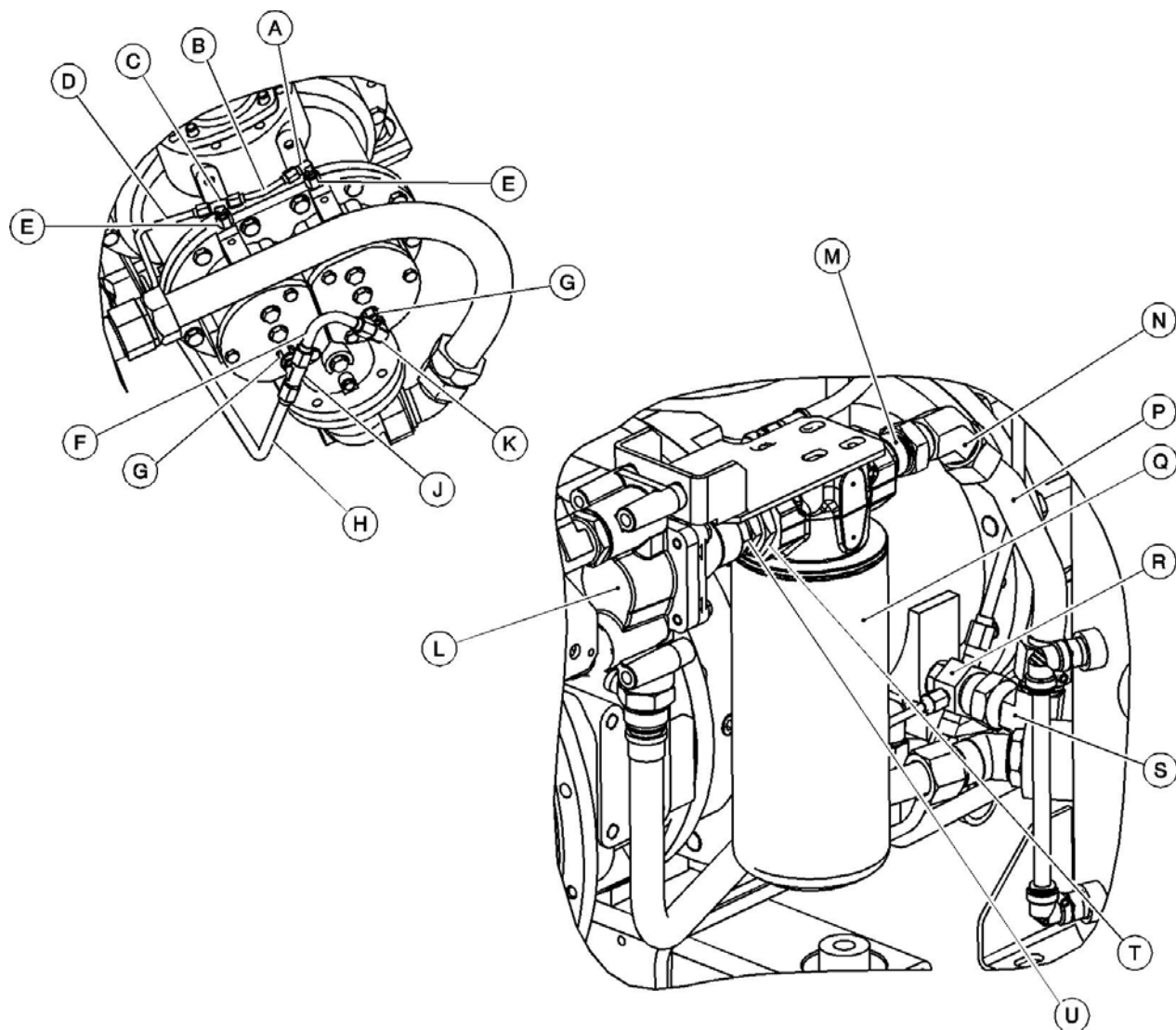
OIL PIPING (cont'd)



23060270_40_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35279827	Elbow, 90° Swivel 9/16-18 X -6JIC	1	<i>Continued...</i>
B	36795482	Tube Assembly	1	
C	35279843	Tee, Branch 9/16-18 X -6JIC	1	
D	36846087	Tube, Bearing Oil Supply	1	
E	35287945	Expander, 7/16-20 X 9/16-18	2	
F	36846111	Tube, Male Rear Scavenge	1	
G	36846095	Connector, 3/4 O-Ring X -10JIC	2	
H	36846103	Tube, Bearing Oil Scavenge	1	
J	36846129	Tee, Branch 7/8-14 X -10JIC	1	
K	35286491	Elbow, 90° SAE 7/8-14 X -10JIC	1	

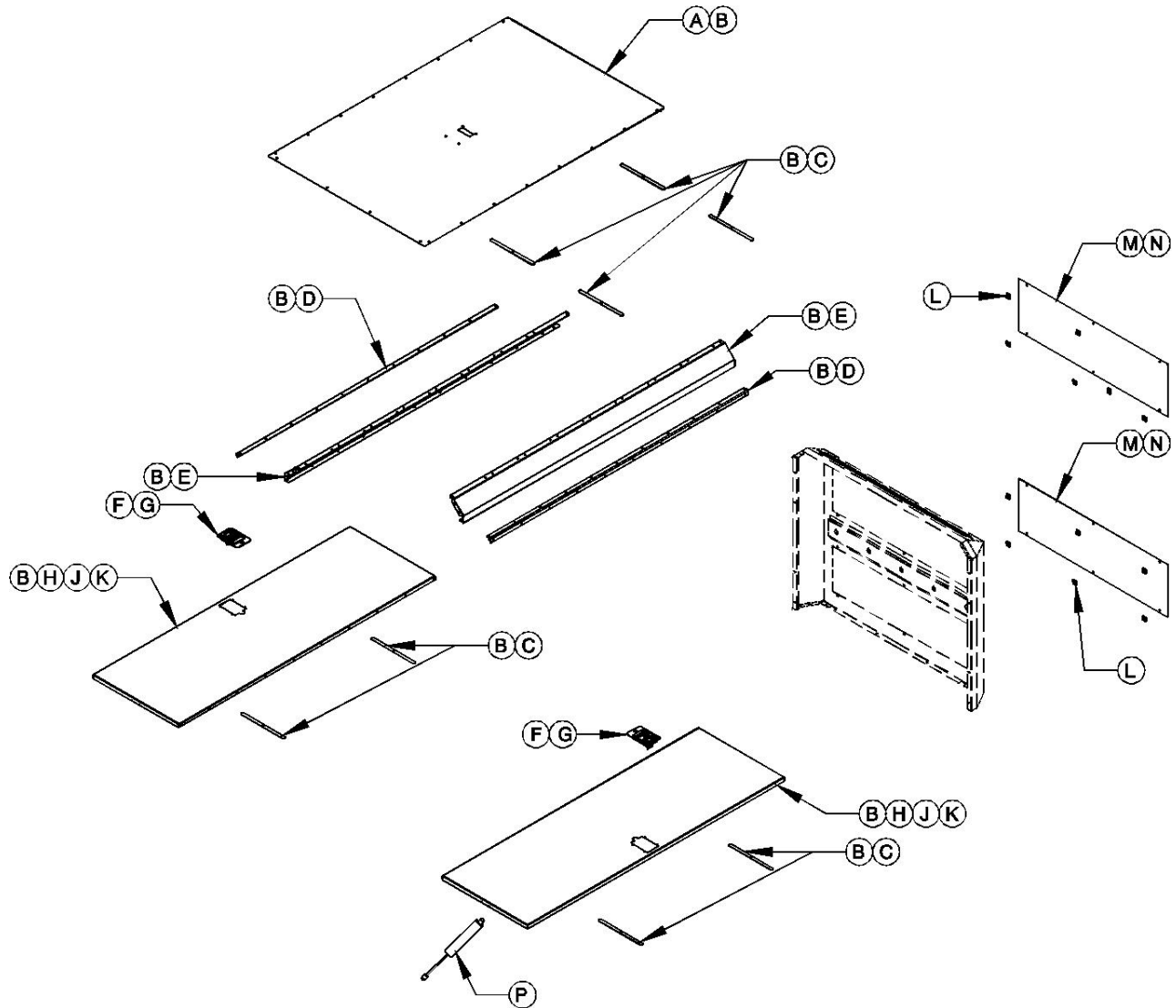
OIL PIPING (cont'd)



23060270_40_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	54414420	OTBV Assembly, 1-5/16" SAE	1	
M	35292069	Connector, 1.62-12 X -16JIC	1	
N	35307206	Elbow, 45° Swivel -16 JIC X 1" Tube	1	
P	35260371	Hose Assembly, -16 JIC X 16.5"	1	
Q	36897346	Element, Oil Filter	1	
R	36845154	Manifold, Oil	1	
S	35292051	Elbow, 90° Swivel Nut -16	1	
T	95954913	Reducer, 1.62-12 SAE X 1.31-12 Female SAE	1	
U	95954921	Union, Straight 1.31-12 SAE	1	

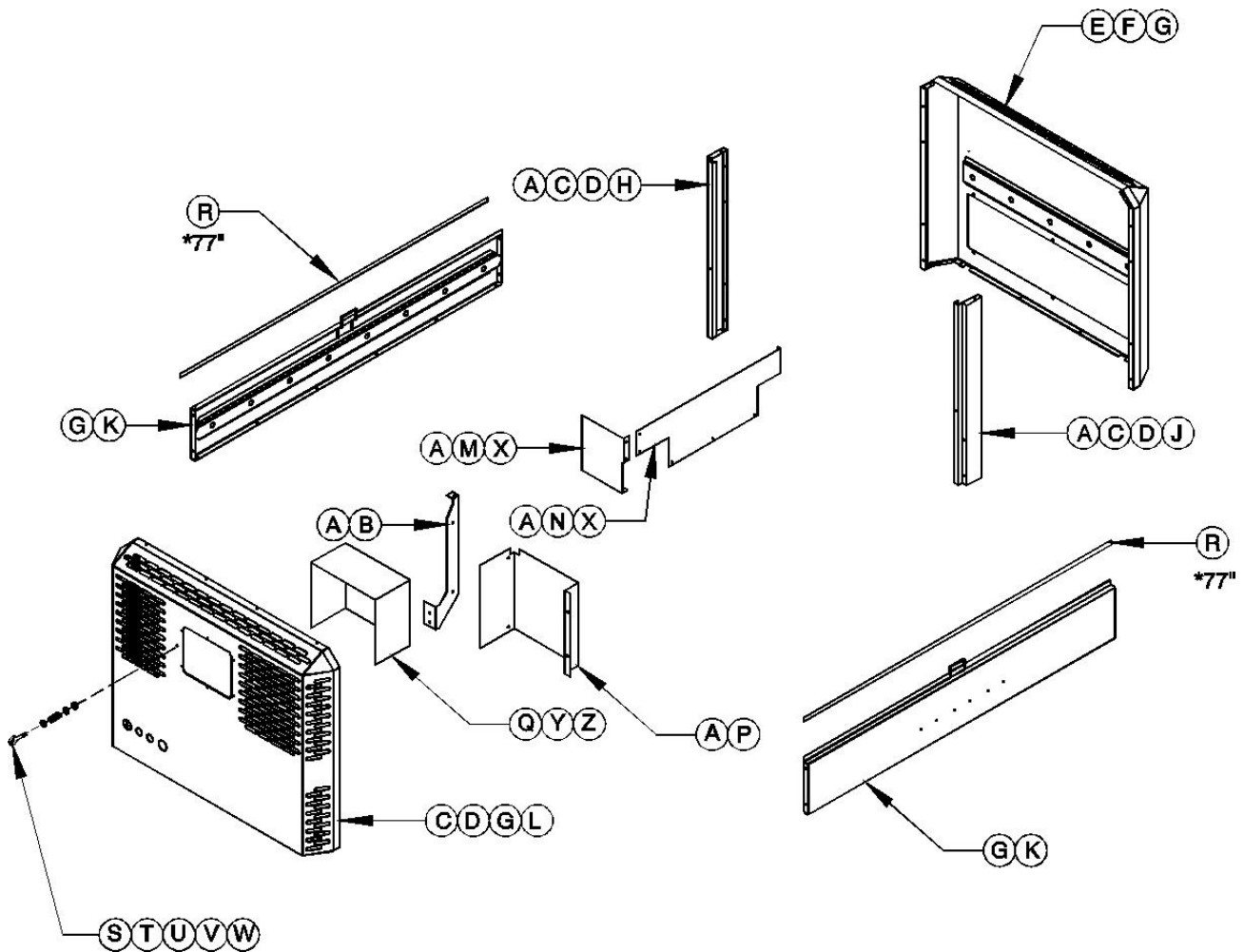
ENCLOSURE COMPLETE



23060270_41_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54743240	Roof	1	OND Noise Option High Ambient Noise Option
B	36797652	Screw, Tapping M06-1.0 X 12	101	
C	54718184	Strap, Foam Retaining	8	
D	54639174	Hinge, Side Door	2	
E	54743273	Rail, Top	2	
F	36793602	Latch, Slam Door	2	
G	36794816	Rivet, 3/16"	8	
H	54743257	Door, Side	2	
J	35337328	Stud, Ball	4	
K	36881886	Nut, Hex Flange M08-1.25	4	
L	35256445	Retainer, Pushon Quarter Turn	12	
M	54694831	Panel, Rear Access	2	
N	54760483	Panel, Louvered Access	2	
N	35256429	Stud, Quarter Turn	12	
P	35600261	Spring, Gas	4	

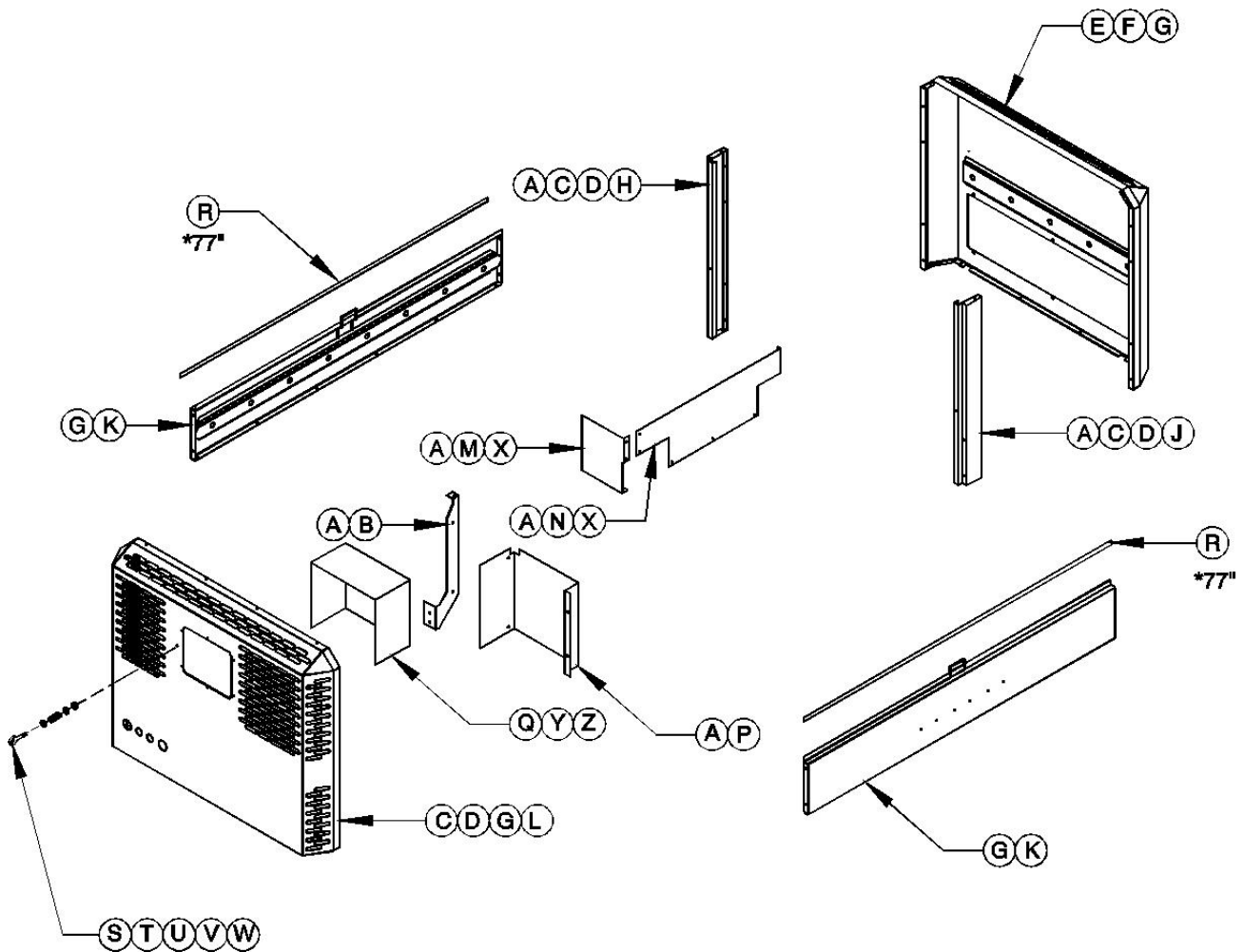
ENCLOSURE COMPLETE (cont'd)



23060270_42_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36797652	Screw, Tapping M06-1.0 X 12	101	Continued...
B	54737622	Bracket, Front Intake	1	
C	35337328	Stud, Ball	6	
D	36881886	Nut, Hex Flange M08-1.25	6	
E	54688254	Panel, Rear End Cap	1	
F	35256452	Receptacle, Quarter Turn	12	
G	35279025	Screw, Tapping M08-1.25 X 20	28	
H	54756515	Panel, RH Side	1	
J	54756523	Panel, LH Side	1	
K	22219554	Panel, Lower Side	2	
L	54686209	Panel, Front End Cap	1	
M	22431928	Panel, Small Toolbox	1	
N	22394258	Panel, Toolbox	1	

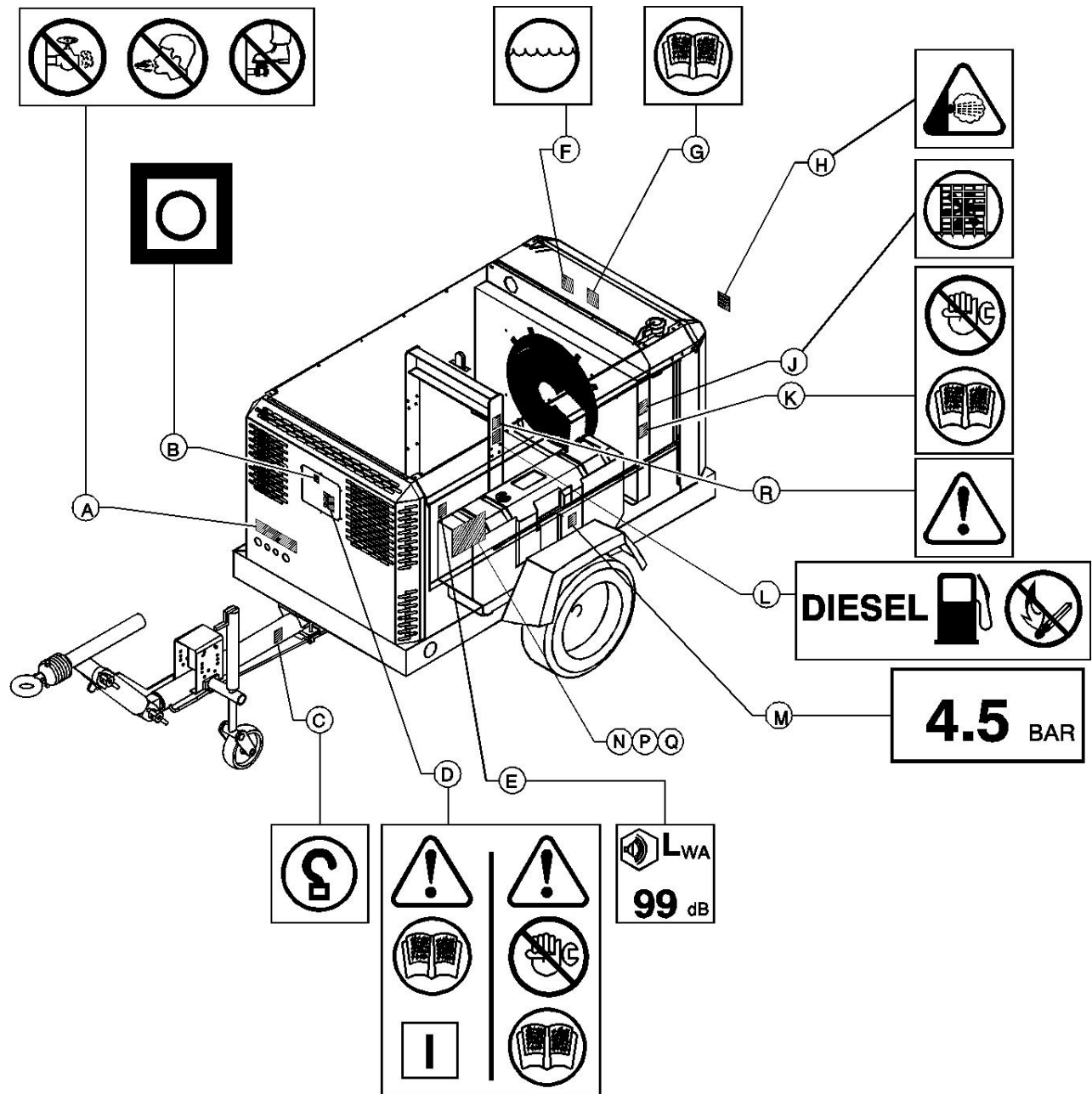
ENCLOSURE COMPLETE (cont'd)



23060270_42_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22070908	Baffle, Front Aftercooler	1	See Lengths Above
Q	22058325	Cover, Rear Instrument Panel	1	
R	22068373	Seal, Door	*	
S	35607829	Eyebolt	1	
T	36772028	Washer, Nylon	1	
U	35607837	Spring	1	
V	95935029	Washer, Flat 1/4"	1	
W	95923298	Nut, Hex Lock 1/4-20	1	
X	92368687	Screw, Tapping M06-1.0 X 12	11	
Y	95916151	Washer, Flat 3/16"	3	
Z	95972188	Rivet, .19 Aluminum	3	

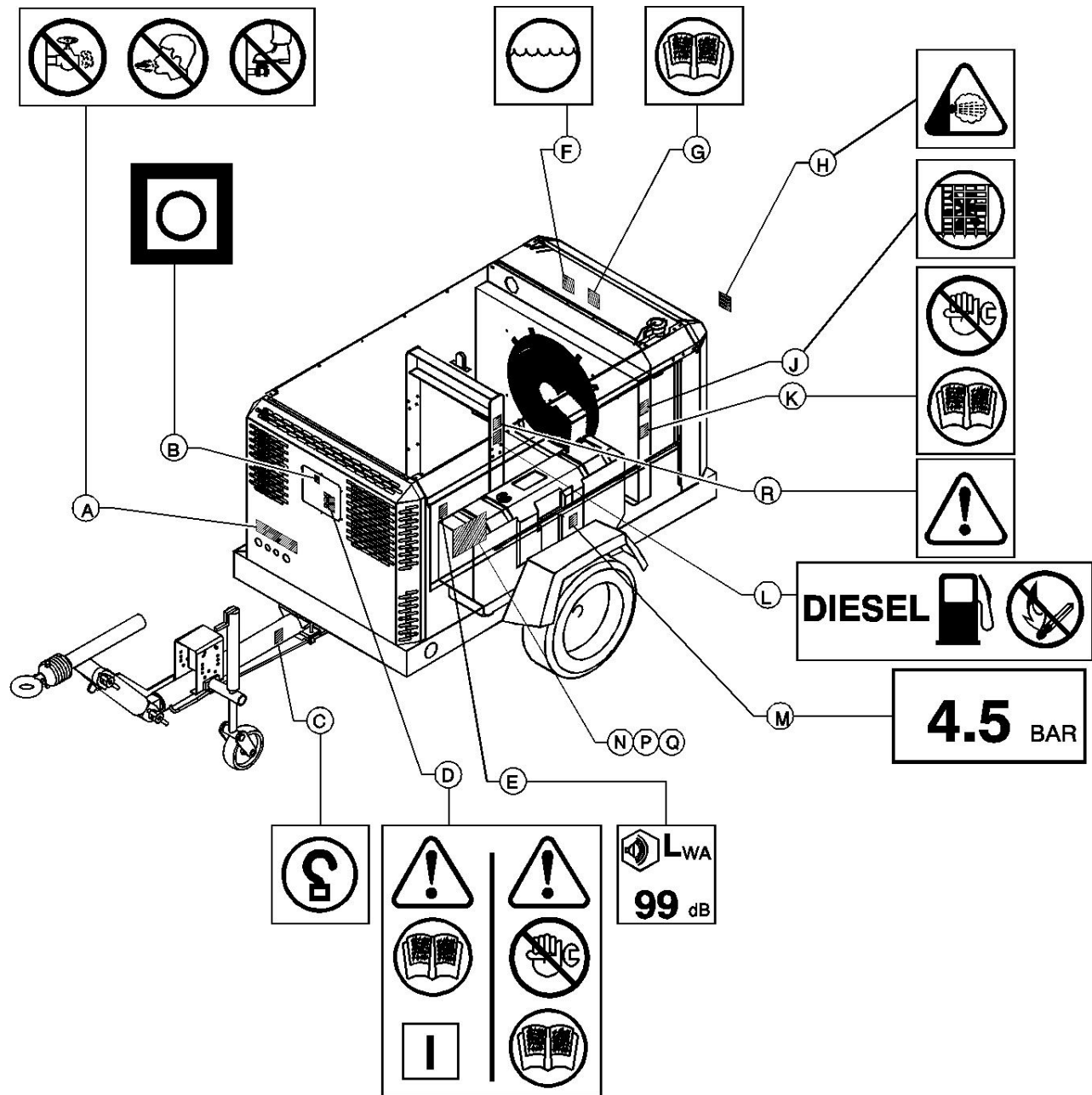
STREET SIDE DECAL LOCATION



23060270_45_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	93465383	Decal, Service Valve	1	<i>Continued...</i>
B	92930650	Decal, Emergency Stop	1	
C	93171262	Decal, Lift / Tie Down Point	1	
D	88115498	Decal, Pre-Start	1	
E	22062335	Decal, Sound Power	1	
F	93171288	Decal, Coolant Fill	1	
G	92861449	Decal, Refer to Manual	1	

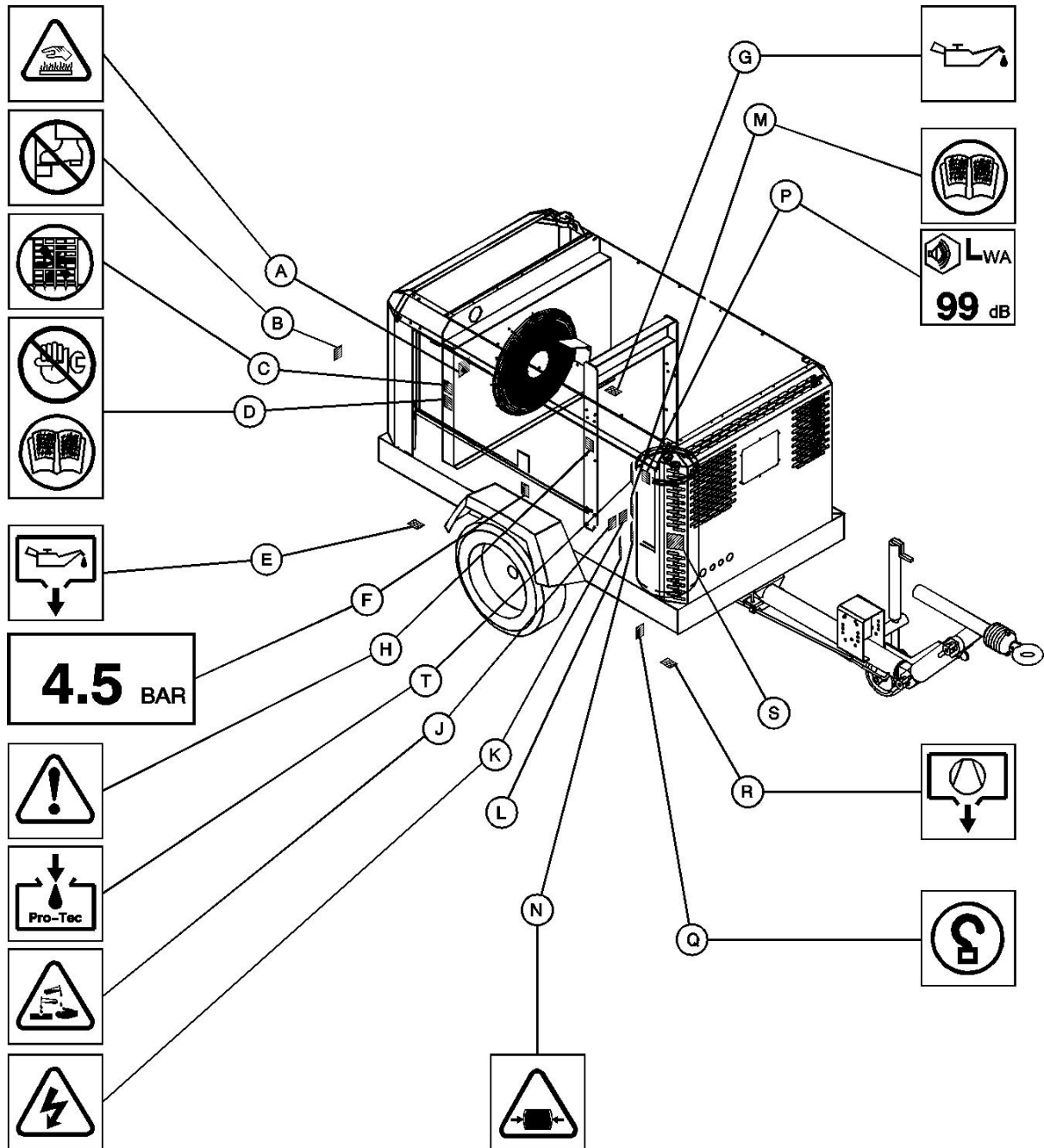
STREET SIDE DECAL LOCATION (cont'd)



23060270_45_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	92976042	Decal, Exhaust Gas	1	
J	93165959	Decal, Rotating Fan	1	
K	92930668	Decal, No Maintenance	1	
L	93171254	Decal, Diesel Fuel	1	
M	93178267	Decal, Tyre Pressure	1	
N	23077324	Laminate Set	1	
P	22068282	Screw, Hex M04-0.7 X 25	2	
Q	36788982	Binder, 3-Ring	1	
R	92930627	Decal, Warning	1	

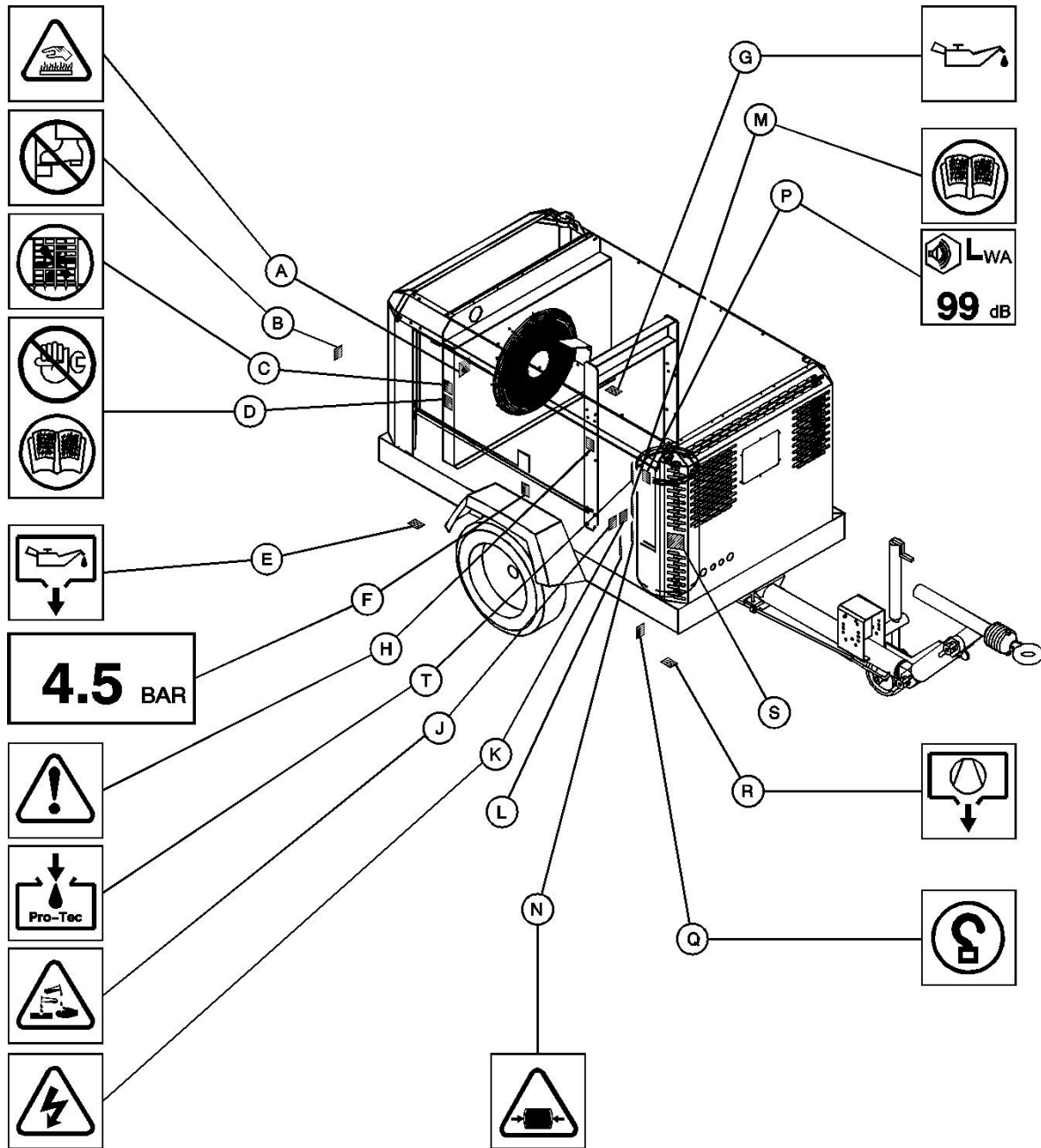
CURB SIDE DECAL LOCATION



23060270_44_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	92867530	Decal, Hot Surface	1	
B	93194413	Decal, No Step	1	
C	93165959	Decal, Rotating Fan	1	
D	92930668	Decal, No Maintenance	1	
E	93171239	Decal, Engine Oil Drain	1	
F	93178267	Decal, Tyre Pressure	1	
G	93171270	Decal, Oil Fill	1	
H	92930627	Decal, Warning	1	
J	92930601	Decal, Corrosive Substance	1	

CURB SIDE DECAL LOCATION (cont'd)



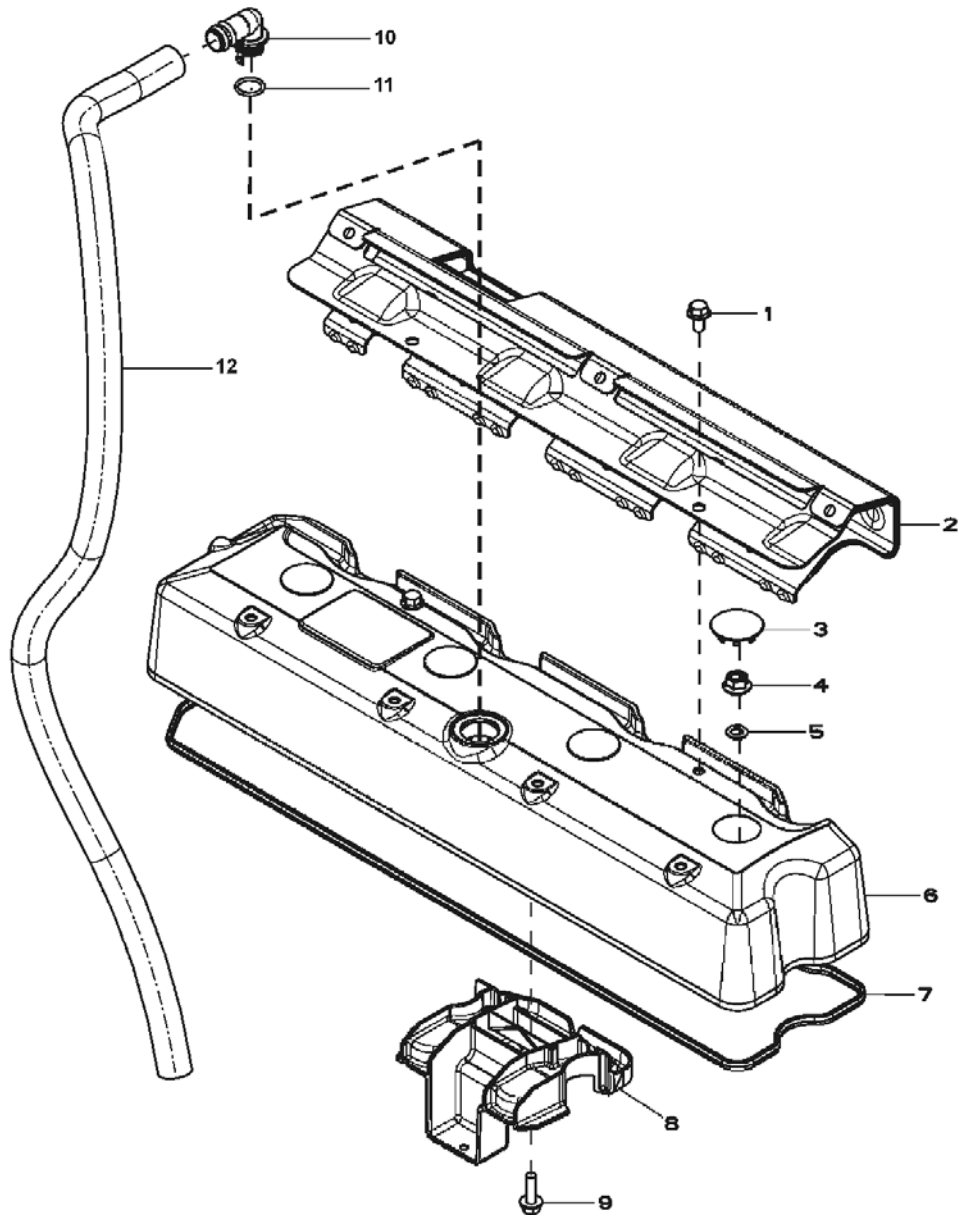
23060270_44_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	92930539	Decal, Electric Shock	1	Non-EC Certified EC Certified
L	93190486	Decal, Coolant Level	1	
M	92861449	Decal, Refer to Manual	1	
N	92930585	Decal, Pressurized Tank	1	
P	22062335	Decal, Sound Power	1	
Q	93171262	Decal, Lift / Tie Down Point	2	
R	93171247	Decal, Compressor Drain	1	
S	23239429	Plate, Data	1	Non-EC Certified EC Certified
	23237225	Plate, Data	1	
T	89298491	Decal, Lubricant	1	



Section C - ENGINE PARTS

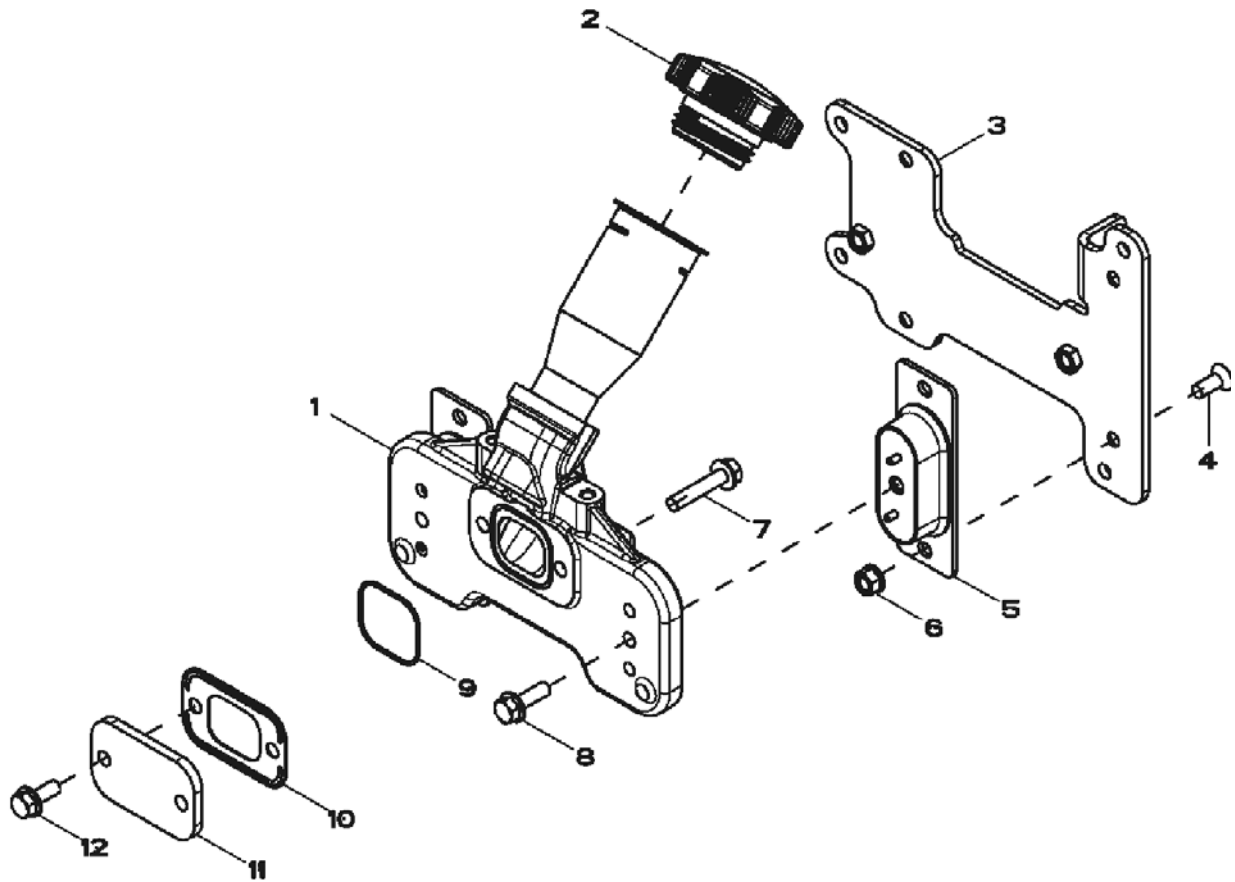
Valve Cover



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230162	Screw, Hex Flange M06-1.0 X 12	2	
2	23229750	Shield, Heat	1	
3	36102929	Plug	4	
4	36106763	Nut, Hex Flange M08-1.25	4	
5	36106771	O-Ring, 7.595 X 2.616 mm	4	
6	23229727	Cover, Valve	1	
7	23229883	Gasket, Valve Cover	1	
8	23230196	Deflector	1	
9	24898918	Screw, Hex Flange M06-1.0 X 20	1	
10	36105062	Elbow, Fitting	1	
11	36110385	O-Ring, 18.72 X 2.616 mm	1	
12	24899171	Hose	1	

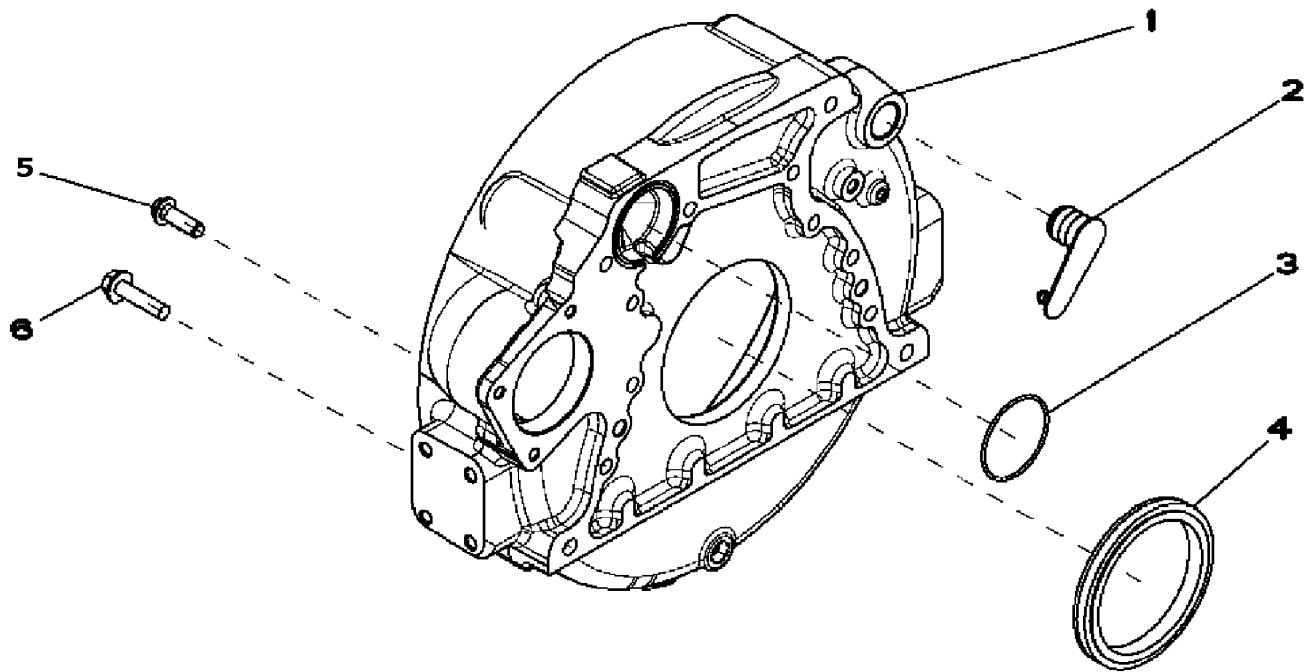
Oil Fill Neck



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230188	Neck, Oil Filler	1	
2	23229909	Cap, Oil Filler	1	
3	23230212	Bracket, ECU Mounting	1	
4	23236912	Screw, Button Head M08-1.25 X 20	4	
5	23236938	Isolator	2	
6	24898801	Nut, Hex Flange M08-1.25	4	
7	85471092	Screw, Hex M08-1.25 X 40	2	
8	85470417	Screw, Hex Flange M08-1.25 X 25	2	
9	23229560	O-Ring, 47.346 X 1.778 mm	1	
10	36108595	Gasket, Oil Filler Port	1	
11	36104602	Cover, Oil Filler Port	1	
12	36118149	Screw, Hex Flange M08-1.25 X 20	2	

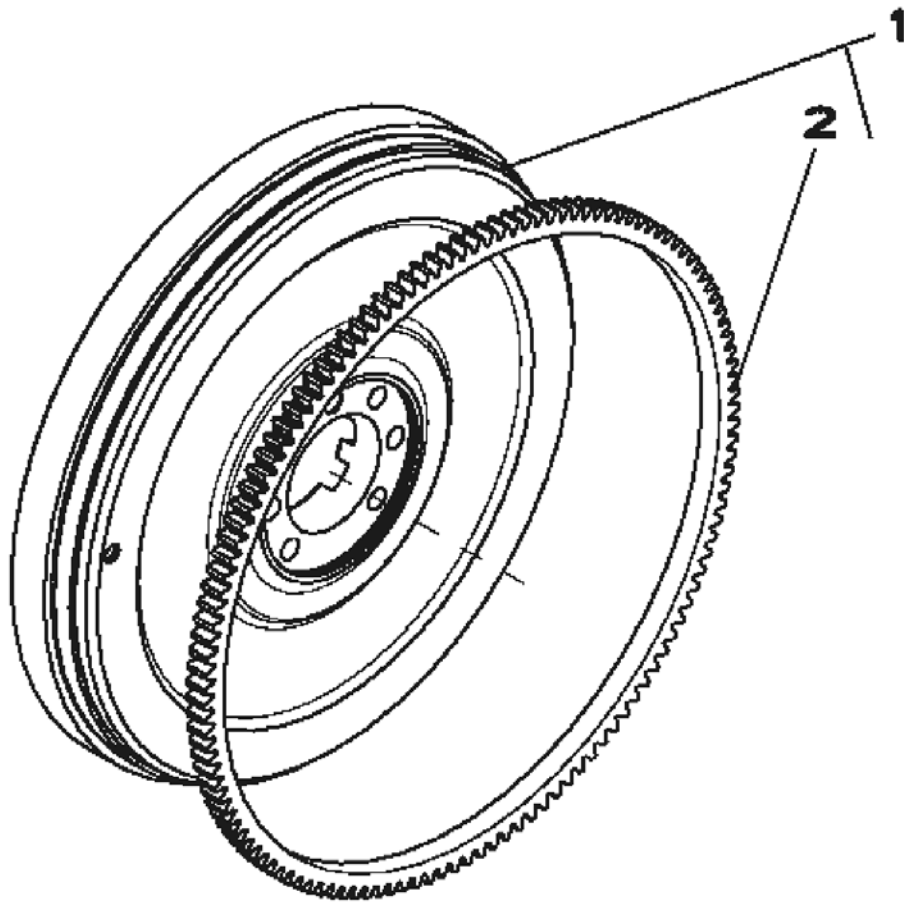
Flywheel Housing



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	24899346	Housing, Flywheel	1	
2	36108009	Plug	1	
3	24899478	O-RING, 69.52 X 2.616 mm	1	
4	36114015	Seal, Rear Oil	1	
5	36108579	Screw, Special Flange M12-1.75 X 38	8	
6	85470003	Screw, Hex Flange M12-1.75 X 50	4	

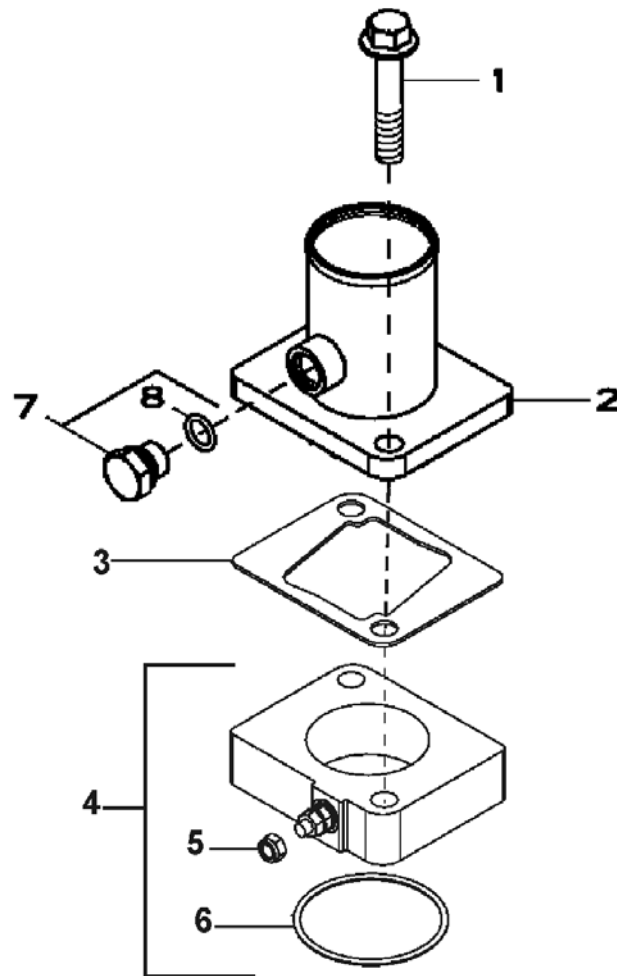
Flywheel



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	24899510	Flywheel w/ Ring Gear	1	
2	36108819	Gear, Ring	1	

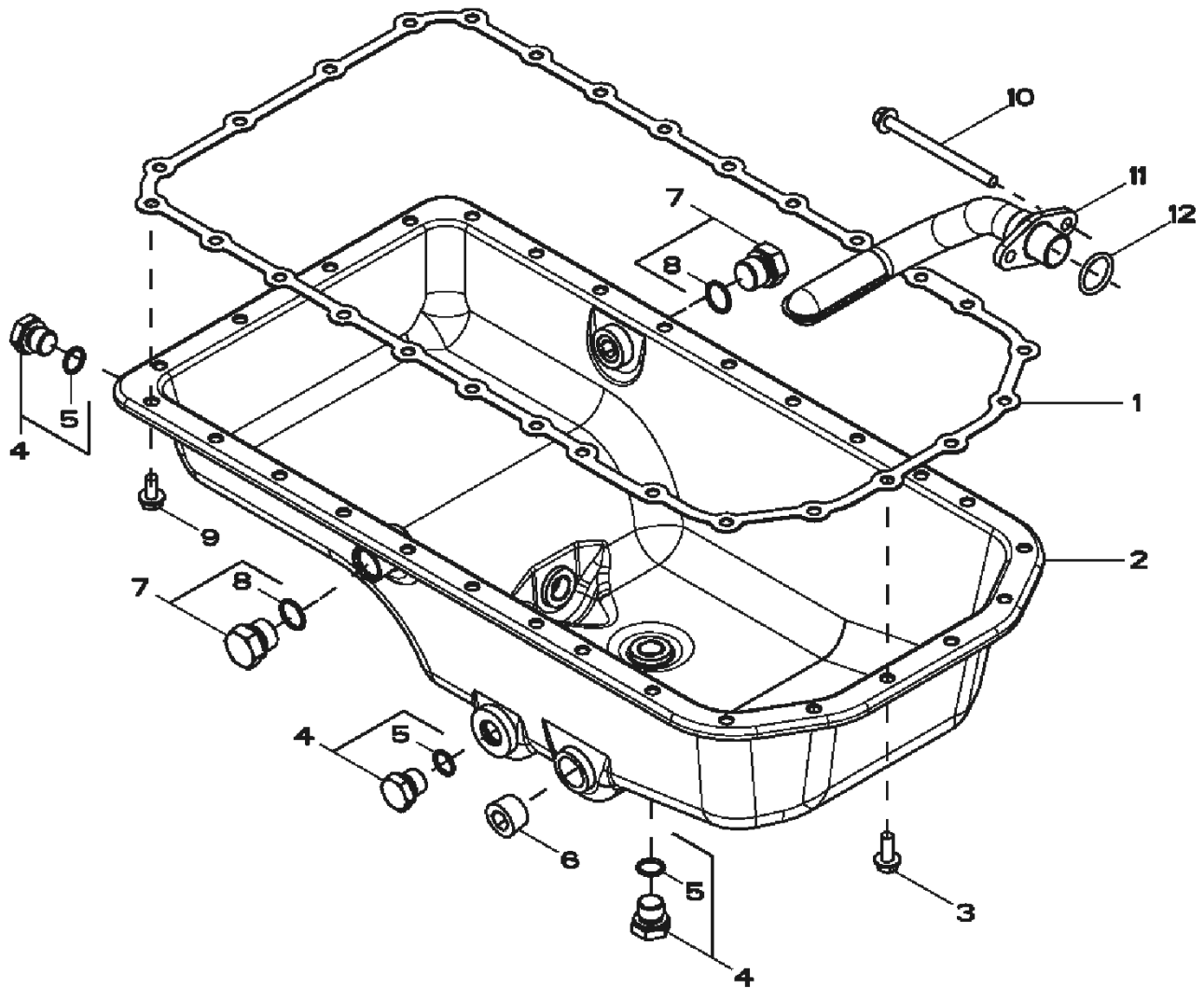
Intake Air Manifold



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	85470474	Screw, Hex Flange M10-1.50 X 50	2	
2	36137461	Manifold, Air Intake	1	
3	36114072	Gasket, Intake Manifold / Adapter	1	
4	85473999	Heater, 24V Air Intake	1	
5	36100154	Nut, Hex Lock M06-1.0	1	
6	85472587	O-Ring, 58.42 X 2.616 mm	1	
7	85472017	Plug w/ O-Ring, M14-2	1	
8	36128916	O-Ring, 11.30 X 2.20 mm	1	

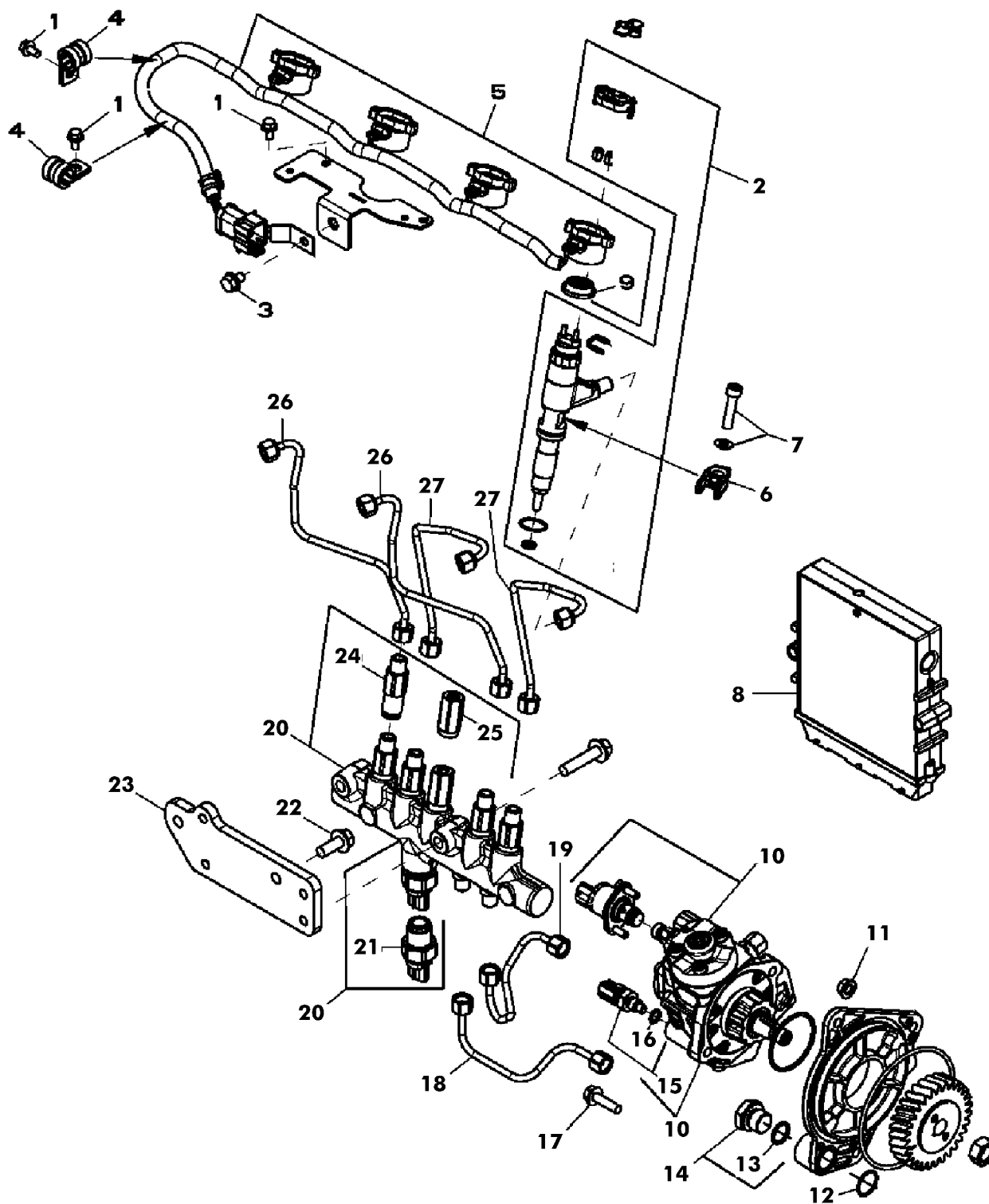
Oil Pan



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36106201	Gasket, Oil Pan	1	
2	23207335	Pan, Oil	1	
3	24898934	Screw, Hex Flange M08-1.25 X 20	6	
4	36114080	Plug w/ O-Ring, M18-2.5 X 1.5	3	
5	85470623	O-Ring, 15.3 X 2.20 mm	1	
6	36100261	Plug, Pipe 3/4" NPT	1	
7	36114106	Plug w/ O-Ring, M22 -2.5 X 1.5	2	
8	85470649	O-Ring, 19.30 X 2.20 mm	2	
9	85470425	Screw, Hex Flange M08-1.25 X 16	22	
10	85470508	Screw, Hex Flange M08-1.25 X 100	2	
11	36115525	Tube, Oil Pump Intake	1	
12	36019932	O-Ring, 24.990 X 3.530 mm	1	

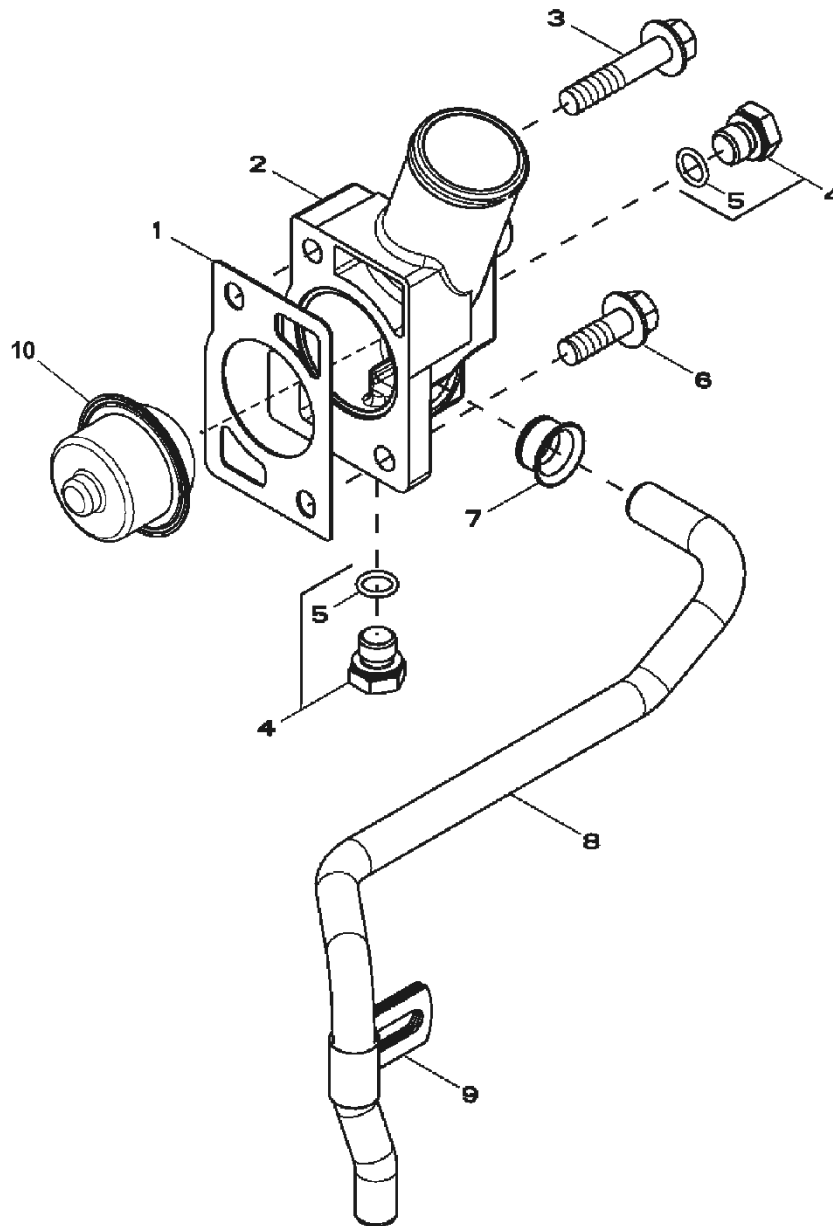
Fuel Injection Pump



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230071	Screw, Hex Cap M08-1.25 X 12	1	
2	23230279	Injector, Electronic Unit	4	
3	23230162	Screw, Hex Flange M06-1.0 X 12	4	
4	23230329	Clamp	2	
5	23236953	Harness, Instrument Panel Wiring	1	
6	23229636	Clamp	4	
7	23230170	Screw with Washer	4	
8	23230113	Control Unit, Engine (ECU)	1	
9	23229792	Seal	1	
10	36138006	Pump, Fuel Injection	1	
11	24898801	Nut, Hex Flange M08-1.25	3	
12	23016652	O-Ring, 21.95 X 1.78 mm	1	
13	85470631	O-Ring, 17.30 X 2.20 mm	1	
14	85473502	Plug w/ O-Ring, M20-2.5 X 1.5	1	
15	23229974	Sensor, Fuel Temperature	1	
16	23229586	O-Ring, 9.804 X 1.905 mm	1	
17	24898926	Screw, Hex Flange M08-1.25 X 30	2	
18	23230154	Line, Fuel	1	
19	23230147	Line, Fuel	1	
20	23230022	Rail, Fuel	1	
21	23230014	Sensor, Fuel Rail	1	
22	18969410	Screw, Hex Flange M10-1.5 X 25	2	
23	23229768	Bracket, Fuel Rail	1	
24	23229958	Restrictor	4	
25	23229966	Valve, Pressure Relief	1	
26	23230139	Line, Fuel	2	
27	23230121	Line, Fuel	2	

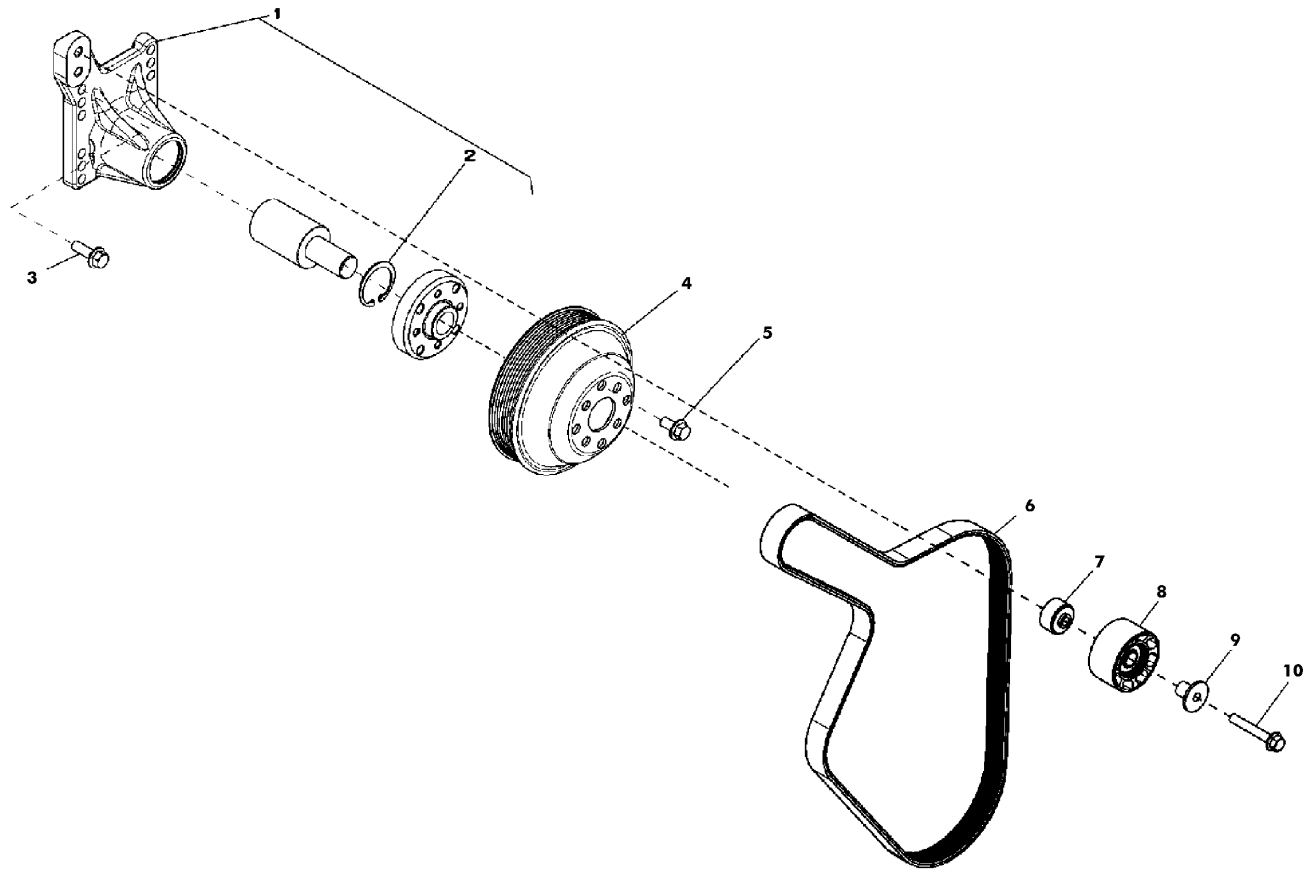
Thermostat and Housing



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36108561	Gasket, Thermostat Housing	1	
2	36107910	Housing, Thermostat	1	
3	85470474	Screw, Hex Flange M10-1.5 X 50	1	
4	36114072	Plug w/ O-Ring, M14-2 X 1.5	AR	
5	36128916	O-Ring, 11.30 X 2.20 mm	AR	
6	18969402	Screw, Hex Flange M10-1.5 X 30	1	
7	36106060	Gasket, WaterR By-Pass Tube	1	
8	23229743	Tube	1	
9	36106177	Clamp	1	
10	36117463	Thermostat	1	

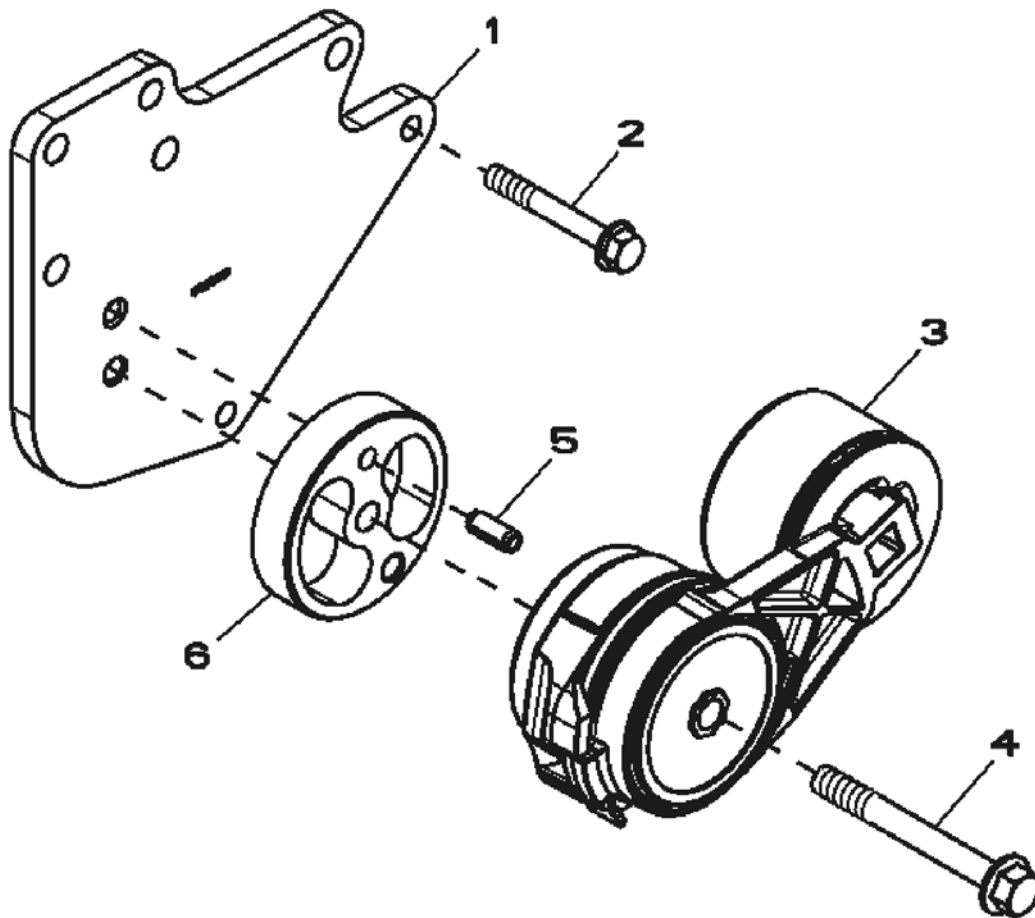
Fan Drive



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	85473700	Support, Fan Drive	1	
2	36102838	Ring, Snap	1	
3	18969402	Screw, Hex Flange M10-1.5 X 30	4	
4	36107480	Pulley, Fan	1	
5	85470359	Screw, Hex Flange M10-1.5 X 20	4	
6	23094170	V-Belt	1	
7	85472280	Spacer, Idle Pulley	1	
8	36114486	Pulley, Idle	1	
9	36103828	Sleeve, Idle Pulley	1	
10	24898876	Screw, Hex Flange M10-1.5 X 65	1	

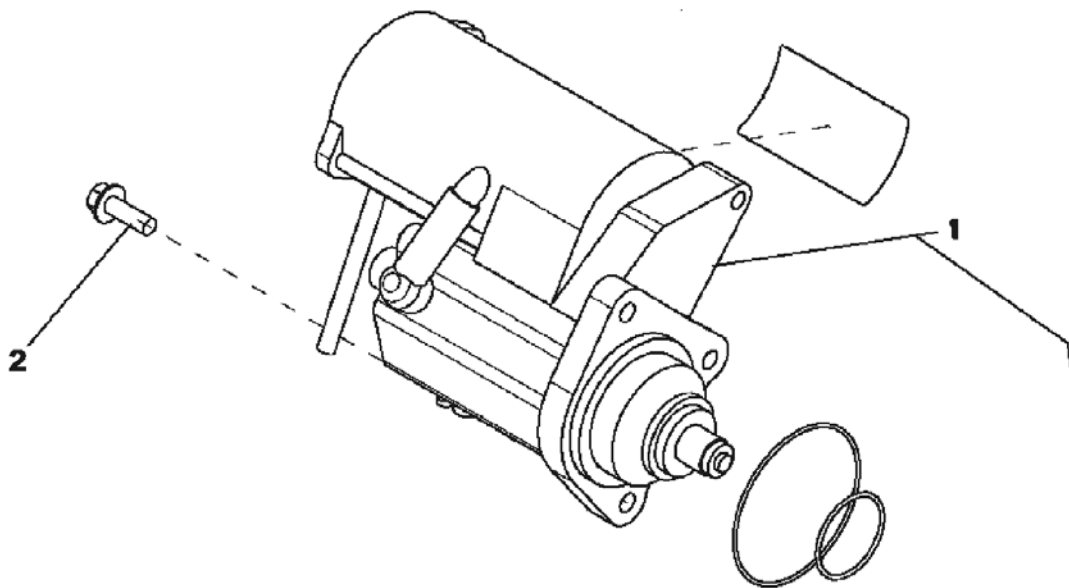
Belt Tensioner



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23019458	Support, Idle Tensioner	1	
2	18969428	Screw, Hex Flange M08-1.25 X 60	2	
3	36136869	Tensioner, Idle	1	
4	23236920	Screw, Hex Flange M10-1.5 X 90	1	
5	24899056	Pin, Spring M08 X 20	1	
6	23017189	Spacer, Idle Tensioner	1	

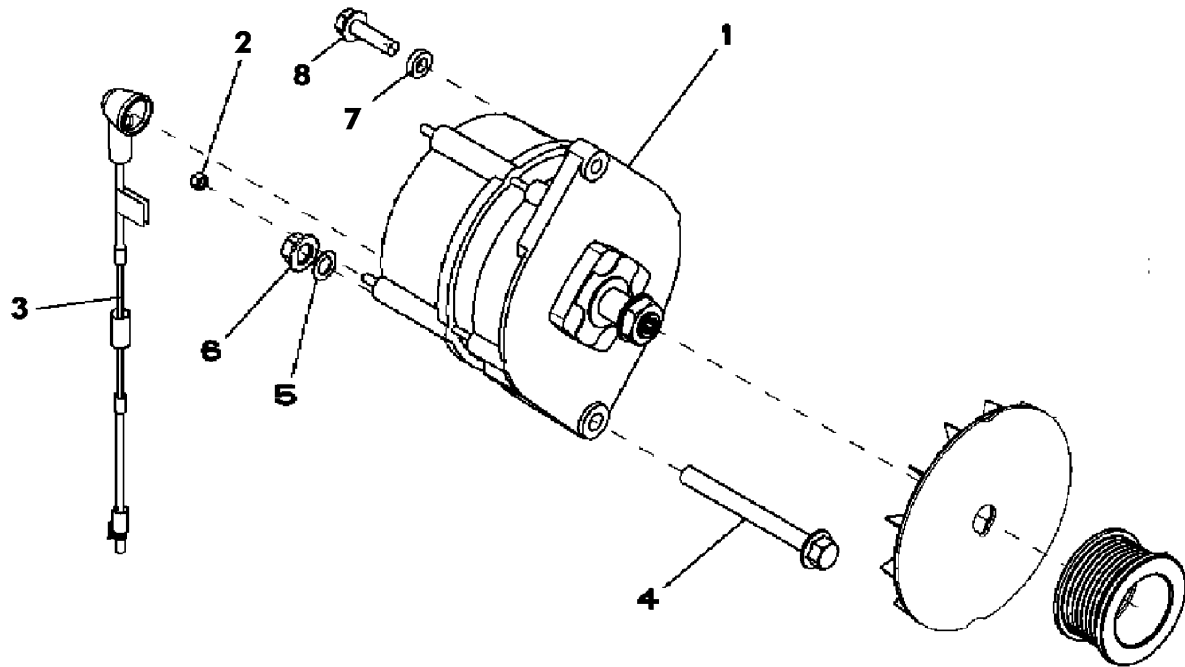
Starter



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	22206213	Starter	1	
2	24898843	Screw, Hex Flange M10-1.5 X 30	3	

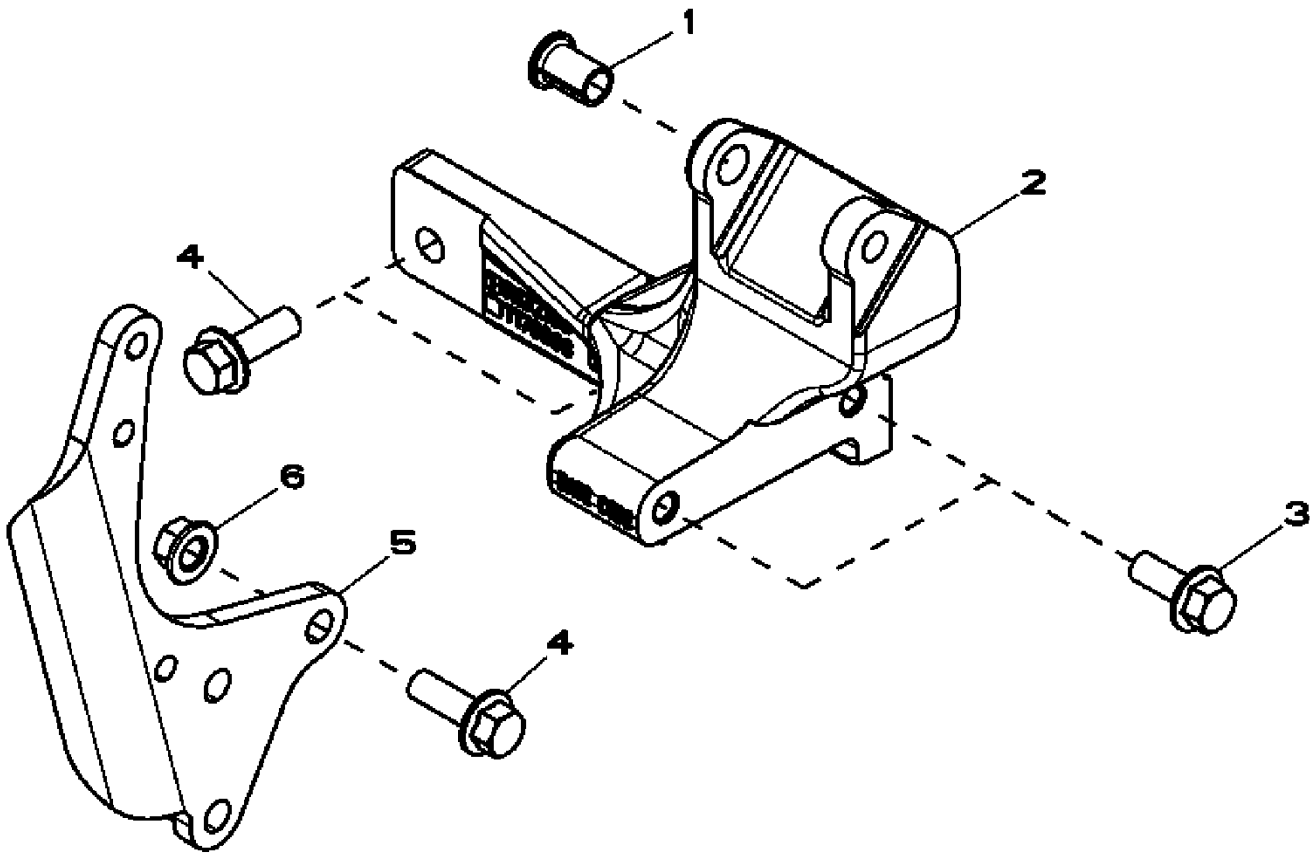
Alternator



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23229511	Alternator	1	
	22206221	Alternator (Remanufactured)	AR	
2	18963496	Nut, Hex M05-0.8	1	
3	18966077	Harness, Wiring	1	
4	24898884	Screw, Hex Flange M10-1.5 X 100	1	
5	36110112	Washer, Thrust M10	1	
6	36100188	Nut, Hex Flange M10-1.5	1	
7	36920114	Washer, Flat M08	1	
8	24898926	Screw, Hex Flange M08-1.25 X 30	1	

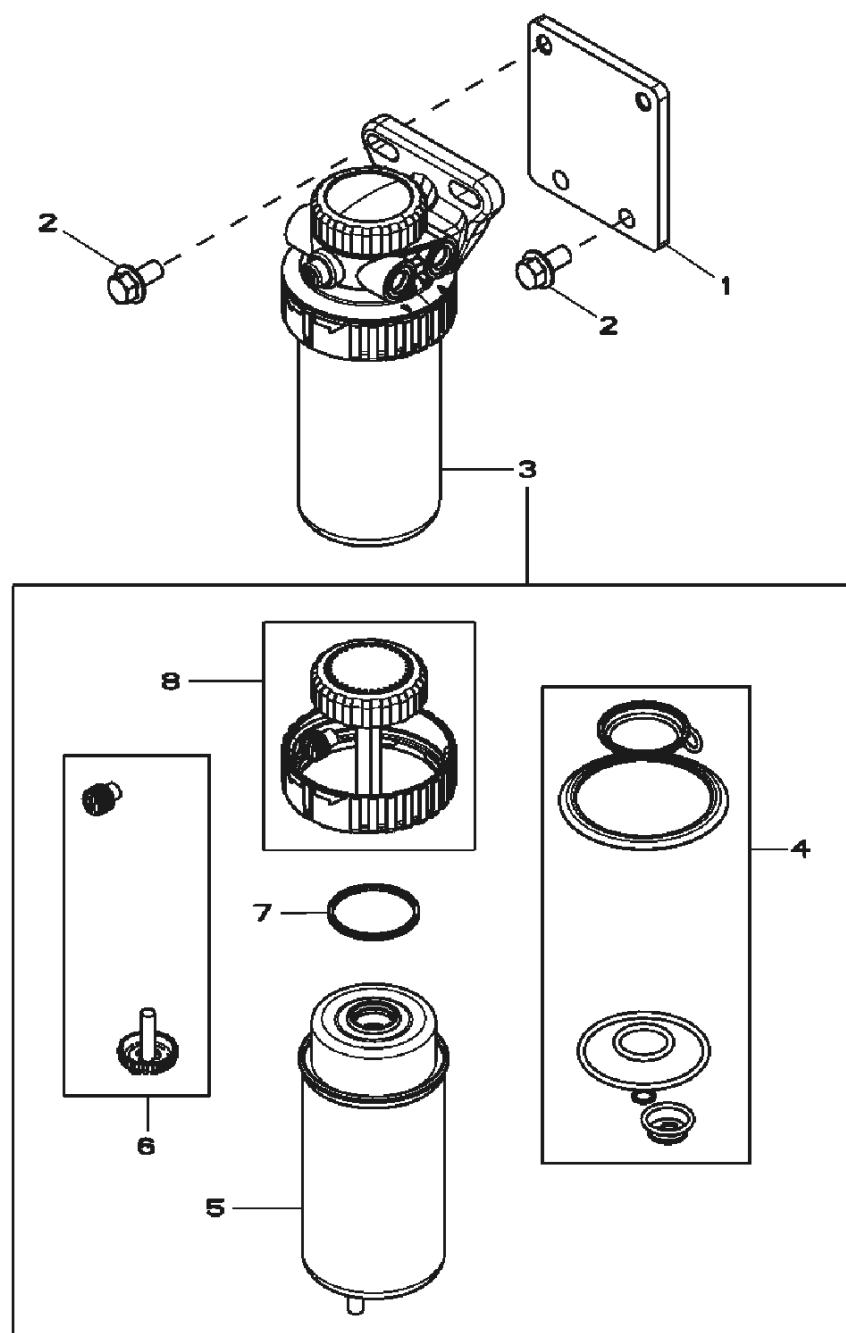
Alternator Brackets



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36103232	Bushing, Alternator Pivot	1	
2	36108066	Bracket, Alternator Mounting	1	
3	18969410	Screw, Hex Flange M10-1.5 X 25	2	
4	18969402	Screw, Hex Flange M10-1.5 X 30	5	
5	36108074	Strap, Alternator Adjust	1	
6	36100188	Nut, Hex Flange M10-1.5	3	

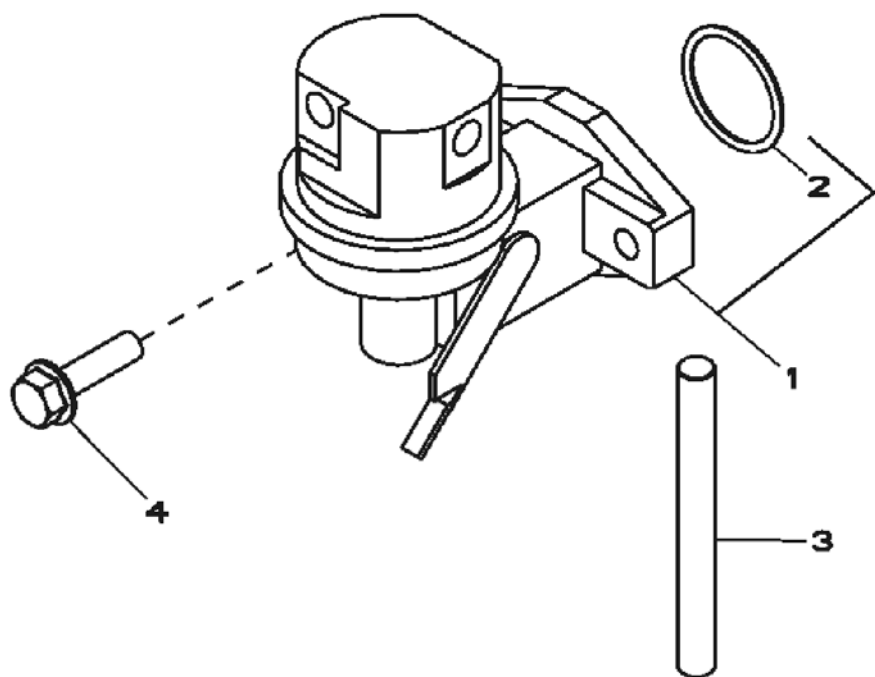
Final Fuel Filter



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	24899452	Bracket, Fuel Filter	1	
2	85470359	Screw, Hex Flange M10-1.5 X 20	4	
3	23230055	Element, Final Fuel Filter	1	
4	36114445	Kit, Seal	1	
5	22969257	Element, Fuel Filter	1	
6	36116648	Kit, Fuel Filter Drain	1	
7	24899932	Kit, O-Ring	1	
8	36114536	Kit, Fuel Filter Seal	1	

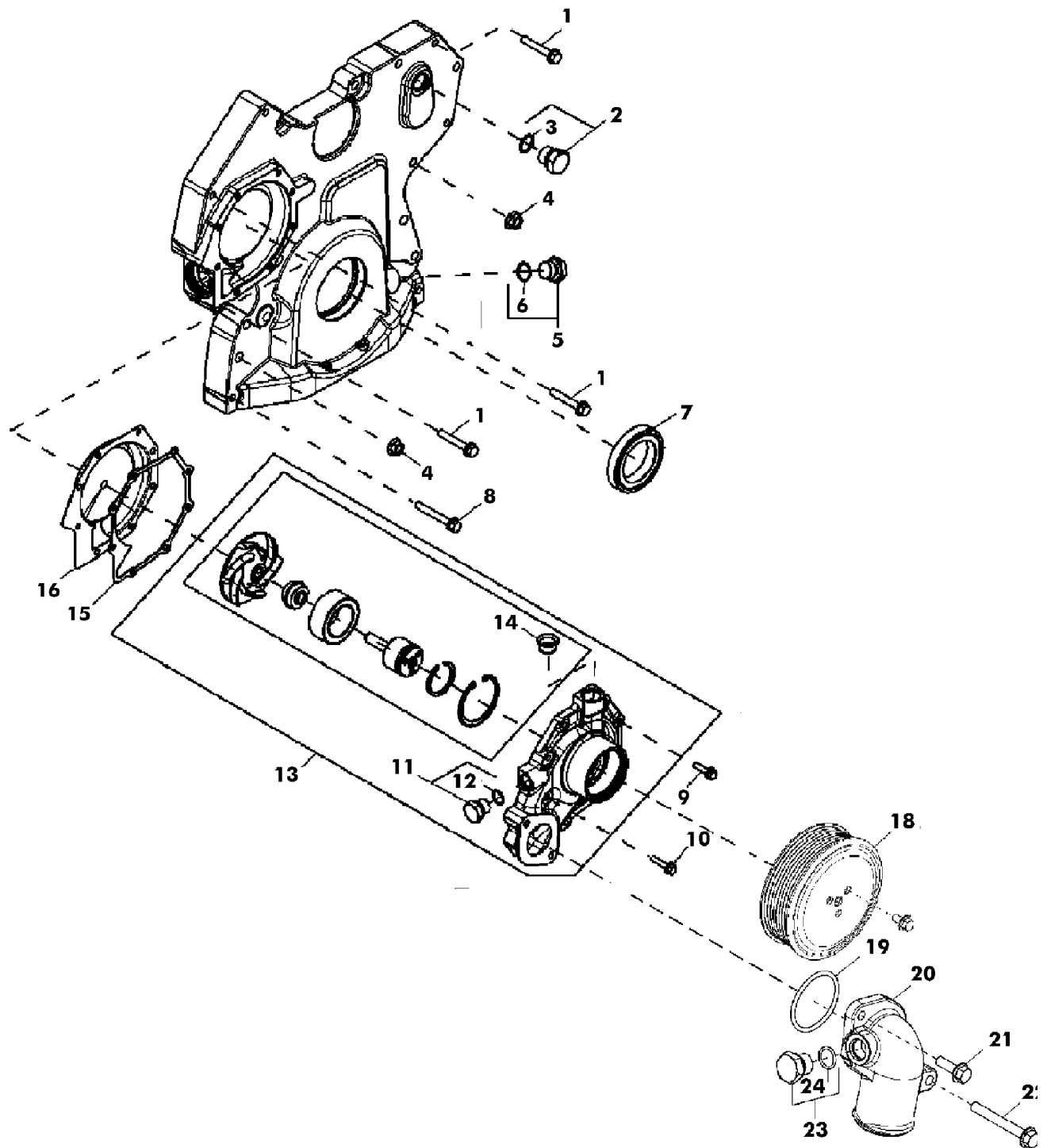
Fuel Transfer Pump



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23229982	Pump, Fuel	1	
2	36106102	O-Ring, 31.42 X 2.616 mm	1	
3	36108371	Rod, Push	1	
4	24899536	Screw, Hex Flange M08-1.25 X 30	2	

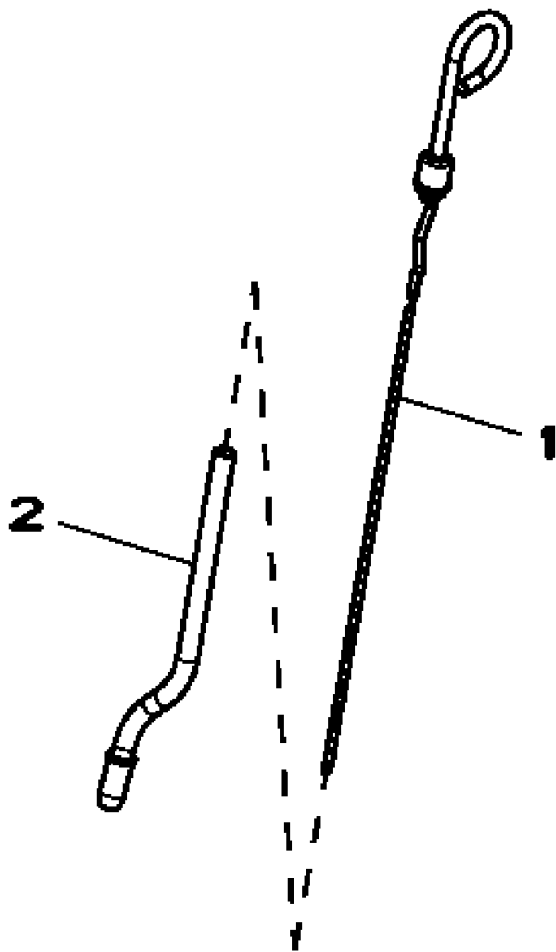
Timing Gear and Water Pump



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	85471142	Screw, Hex Flange M08-1.25 X 50	5	
2	36114106	Plug w/ O-Ring, M22 -2.5 X 1.5	1	
3	85470649	O-Ring, 19.30 X 2.20 mm	1	
4	36100188	Nut, Hex Flange M10-1.5	9	
5	85473502	Plug w/ O-Ring, M20-2.5 X 1.5	1	
6	85470631	O-Ring, 17.30 X 2.20 mm	1	
7	23236961	Seal, Front	1	
8	18969428	Screw, Hex Flange M08-1.25 X 60	3	
9	85471167	Screw, Hex Flange M06-1.0 X 25	5	
10	85471183	Screw, Hex Flange M06-1.0 X 30	3	
11	36114080	Plug w/ O-Ring, M18-2.5 X 1.5	1	
12	85470623	O-Ring, 15.3 X 2.20 mm	1	
13	24899601	Pump, Water	1	
14	36106060	Gasket, Water By-Pass Tube	2	
15	36106250	Gasket, Water Pump	1	
16	36136125	Insert Kit, Water Pump	1	
17	36133403	O-Ring, 37.694 X 3.531 mm	1	
18	36105245	Pulley	1	
19	36111425	O-Ring, 37.694 X 3.531 mm	1	
20	18965087	Housing, Water Pump Inlet	1	
21	85470417	Screw, Hex Flange M08-1.25 X 25	1	
22	23110984	Screw, Hex Flange M08-1.25 X 65	1	
23	36114080	Plug w/ O-Ring, M18-2.5 X 1.5	1	
24	85470623	O-Ring, 15.3 X 2.20 mm	1	

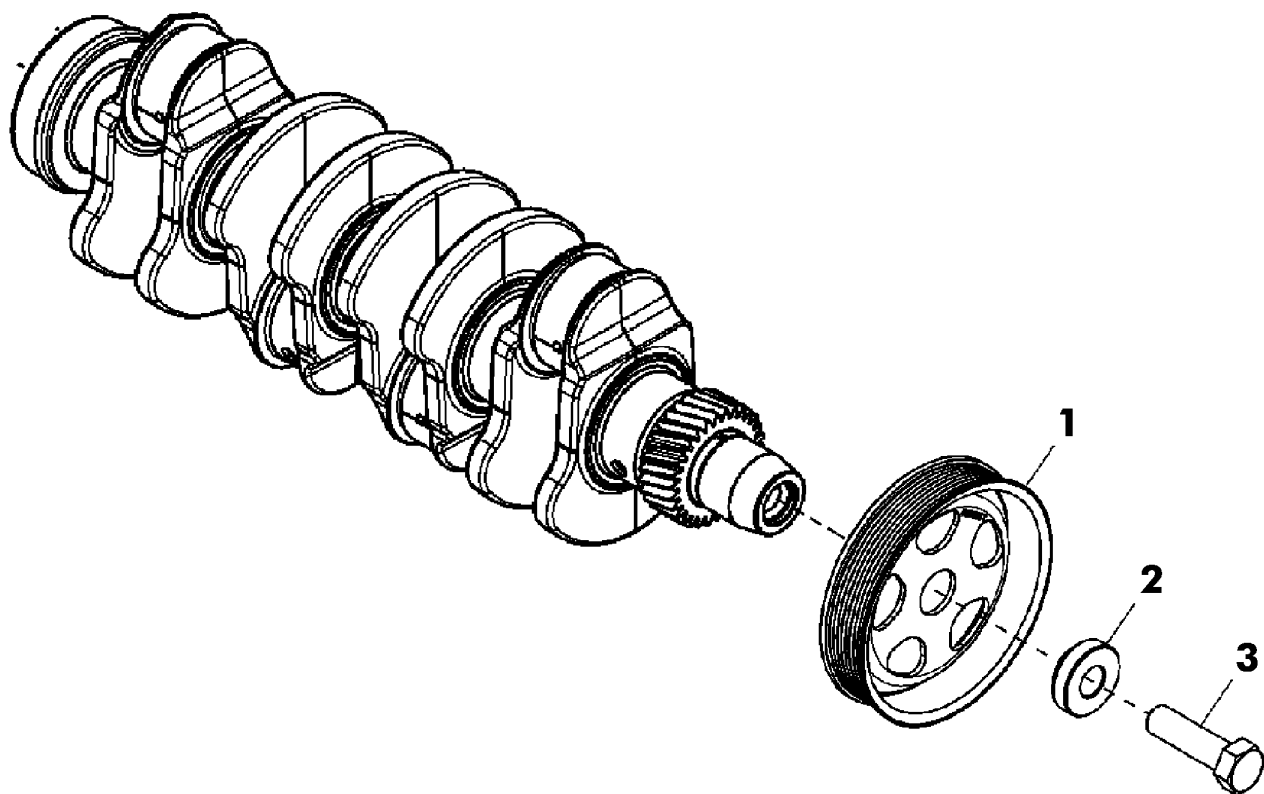
Dipstick



23060270_10-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36124899	Dipstick	1	
2	36107787	Tube, Dipstick	1	

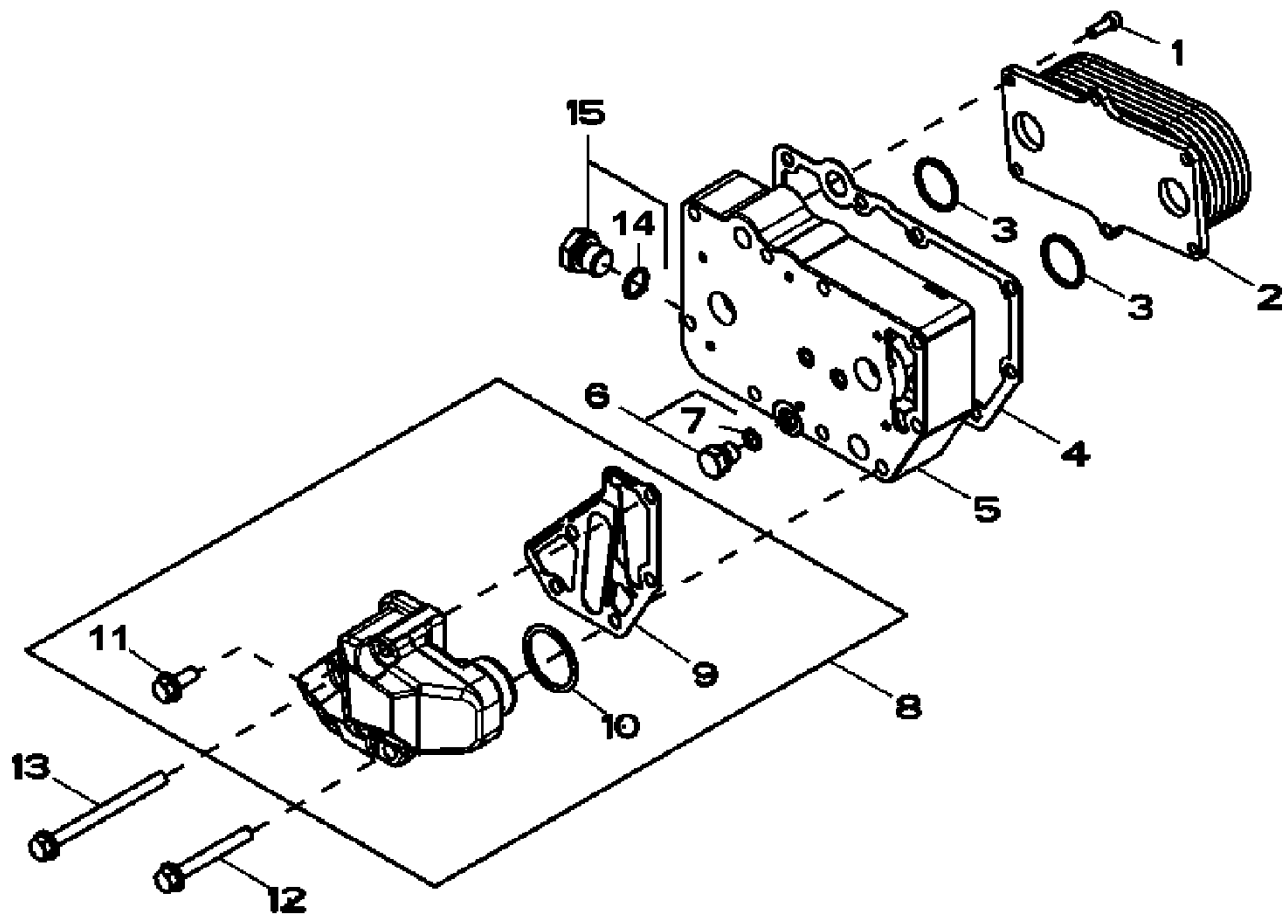
Crankshaft Pulley



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	18965343	Pulley, Crankshaft	1	
2	24899460	Bushing, Crankshaft Pulley	1	
3	23229610	Screw, Hex Cap M20-2.5 X 70	1	

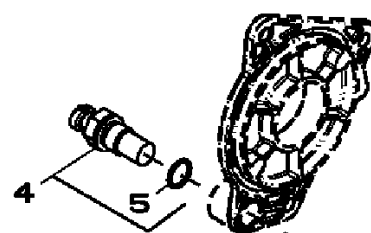
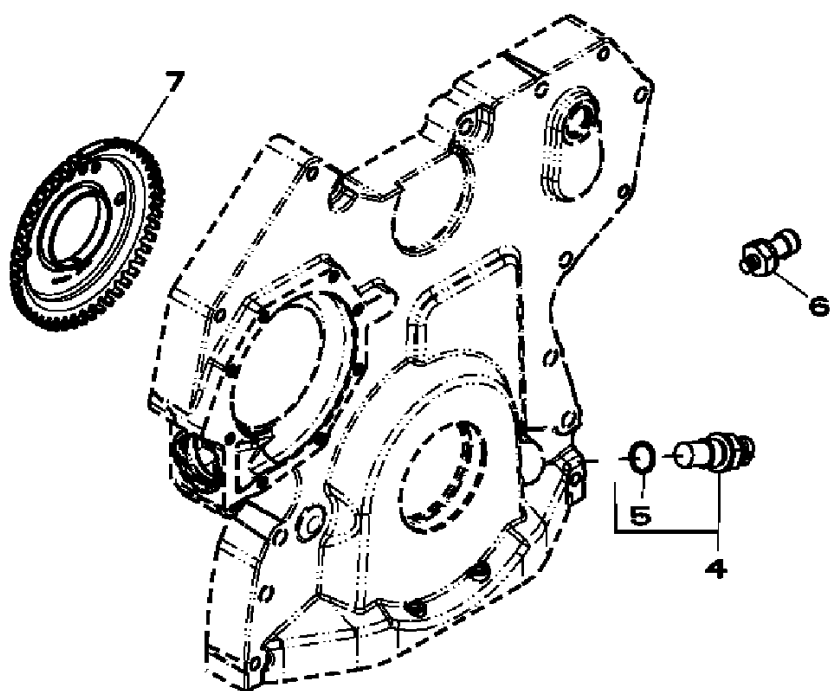
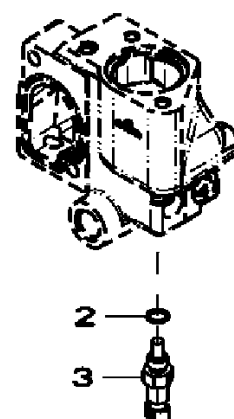
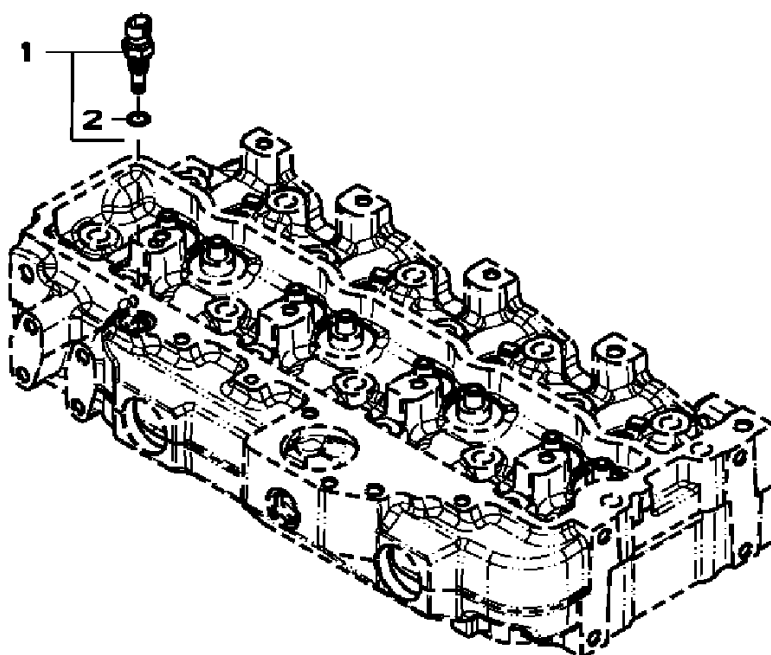
Oil Cooler



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36118131	Screw, Hex Socket Cap M06-1.0 X 16	6	
2	36115251	Cooler, Oil	1	
3	36118693	O-Ring, 29.820 X 2.616 mm	2	
4	36106607	Gasket, Oil Cooler Housing	1	
5	36106516	Housing, Oil Cooler	1	
6	36114098	Plug w/ O-Ring, M12-1.75 X 1.5	1	
7	36126019	O-Ring, 9.3 X 2.2 mm	1	
8	85473973	Kit, Oil Cooler Adapter Fitting	1	
9	85471597	Gasket, Oil Cooler Adapter	1	
10	36133403	O-Ring, 37.694 X 3.531 mm	1	
11	36118149	Screw, Hex Flange M08-1.25 X 20	1	
12	23110984	Screw, Hex Flange M08-1.25 X 65	2	
13	85470466	Screw, Hex Flange M08-1.25 X 100	2	
14	85470623	O-Ring, 15.3 X 2.20 mm	1	
15	36114080	Plug w/ O-Ring, M18-2.5 X 1.5	1	

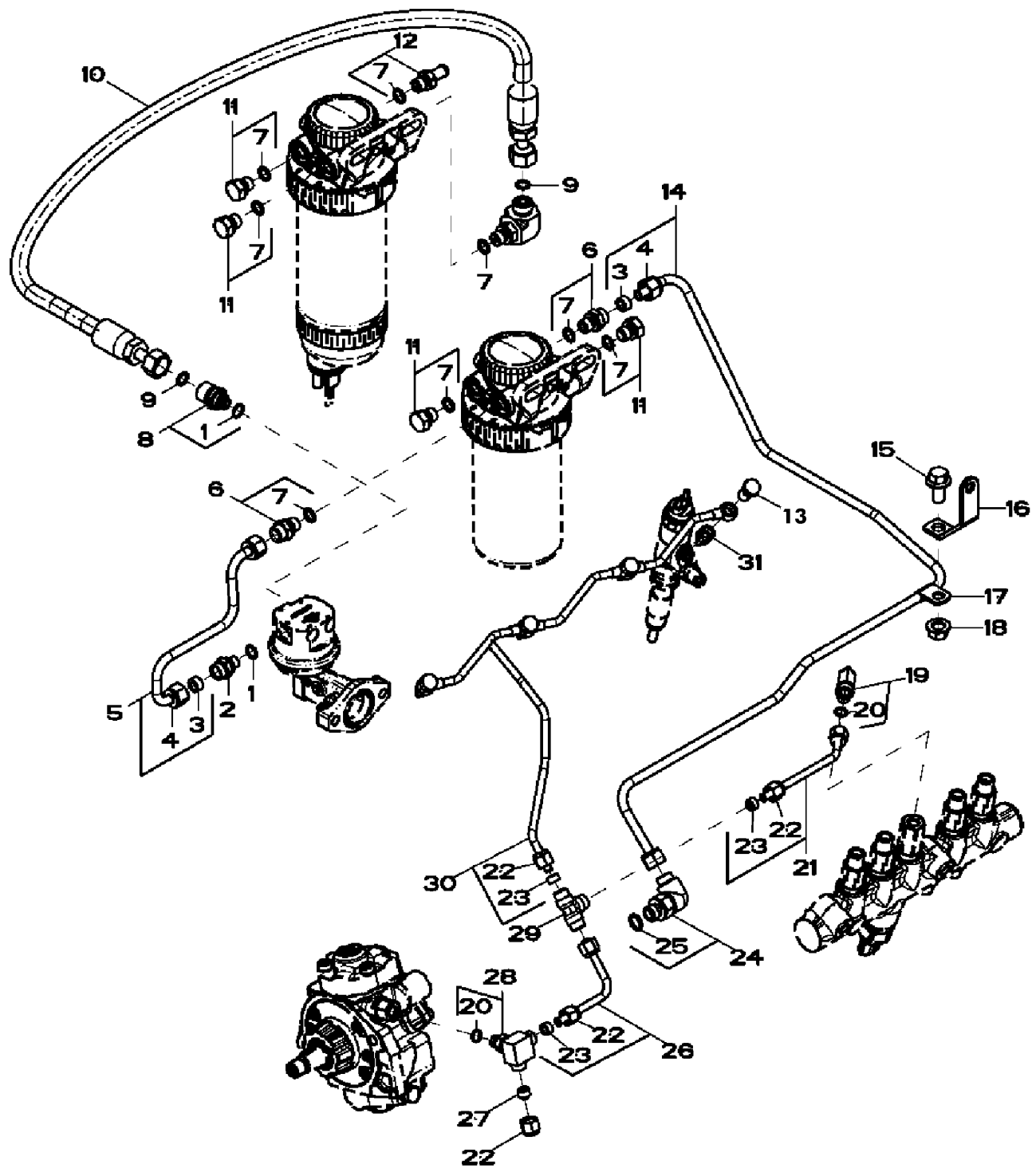
Sensors



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230089	Thermocouple	1	
2	36128916	O-Ring, 11.30 X 2.20 mm	1	
3	22222590	Sensor, Coolant Temperature	1	
4	22222582	Sensor, Engine Speed	1	
5	85470631	O-Ring, 17.30 X 2.20 mm	1	
6	22222574	Sensor, Oil Pressure	1	
7	18964932	Wheel, Speed Sensor	1	

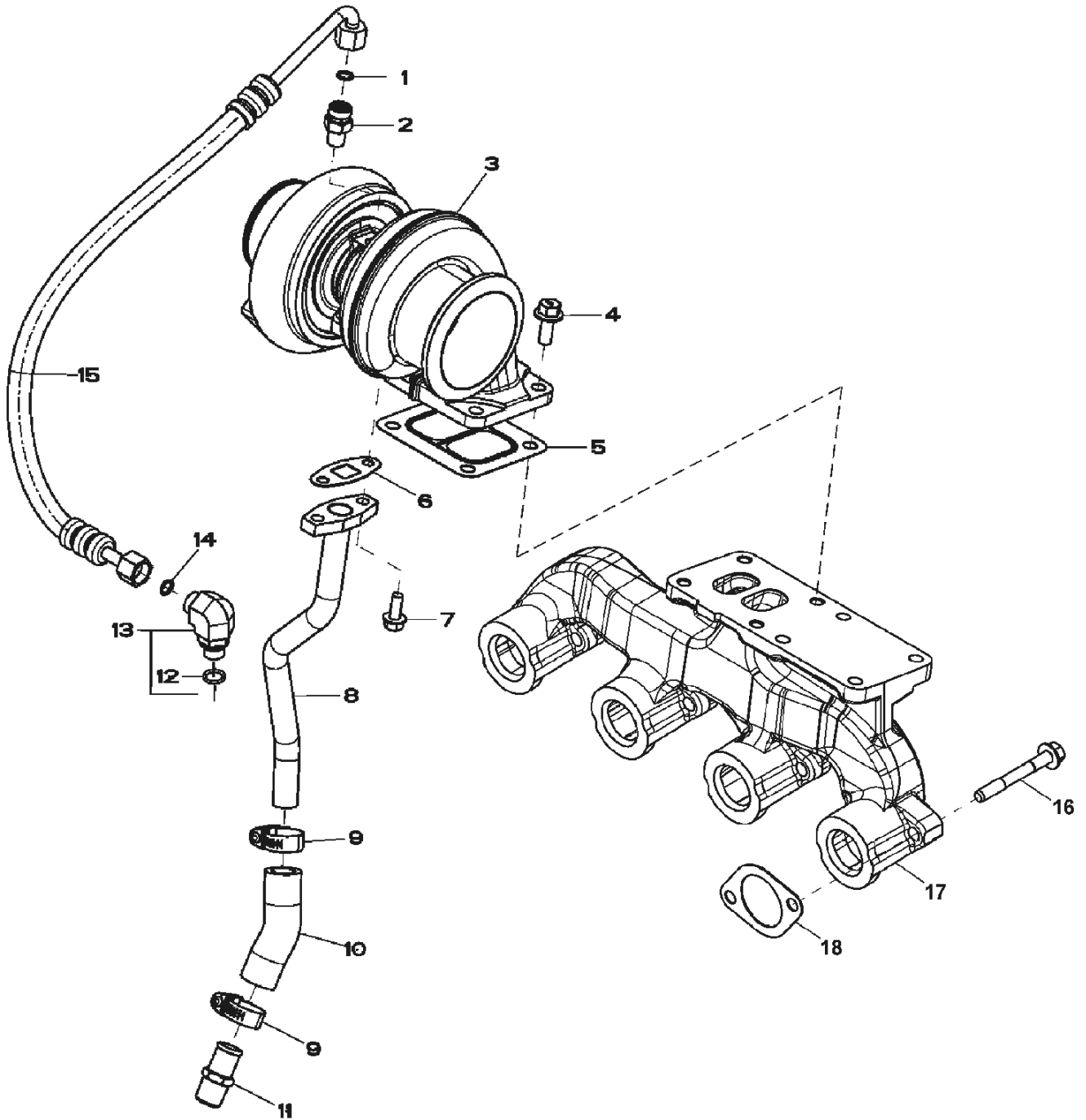
Fuel Lines



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36129575	O-Ring, 10.10 X 1.60 mm	2	
2	24899247	Fitting, Hex M10 X 1 X 9/16-24UNEF	2	
3	36126001	Washer, Sealing 7 mm	1	
4	85471829	Nut, Tube	1	
5	24899882	Line, Fuel Pump to Fuel Filter	1	
6	36116242	Adapter w/ O-Ring	2	
7	36126019	O-Ring, 9.3 X 2.2 mm	1	
8	23229941	Fitting, Hose	1	
9	36119808	O-Ring, 9.246 X 1.778 mm	2	
10	23229925	Line, Fuel	1	
11	36114098	Plug w/ O-Ring, M12-1.75 X 1.5	4	
12	23229917	Fitting, M12-1.75 X Barbed	1	
13	24899080	Screw, Hollow	4	
14	23230105	Line, Fuel	1	
15	85470359	Screw, Hex Flange M10-1.5 X 20	1	
16	36137586	Bracket	1	
17	36118750	Clamp, Fuel Line	1	
18	36100188	Nut, Hex Flange M10-1.5	1	
19	24899528	Fitting, 90° Elbow M10-1.5 X 1/2-24UNS	1	
20	24899106	O-Ring, 8.10 X 1.60 mm	1	
21	23230030	Line, Fuel	1	
22	36106821	Nut, Tube 1/2-24UNS	7	
23	36126050	Washer, Sealing 5 mm	6	
24	23230097	Fitting, 90° Elbow M14-2.0 X 9/16-24UNEF	1	
25	36128916	O-Ring, 11.30 X 2.20 mm	1	
26	23230238	Line, Fuel	1	
27	36101962	Plug w/ Sleeve	1	
28	23230048	Fitting	1	
29	36111912	Fitting, Tee	1	
30	23230220	Line, Fuel	1	
31	23229826	Washer, Sealing	4	

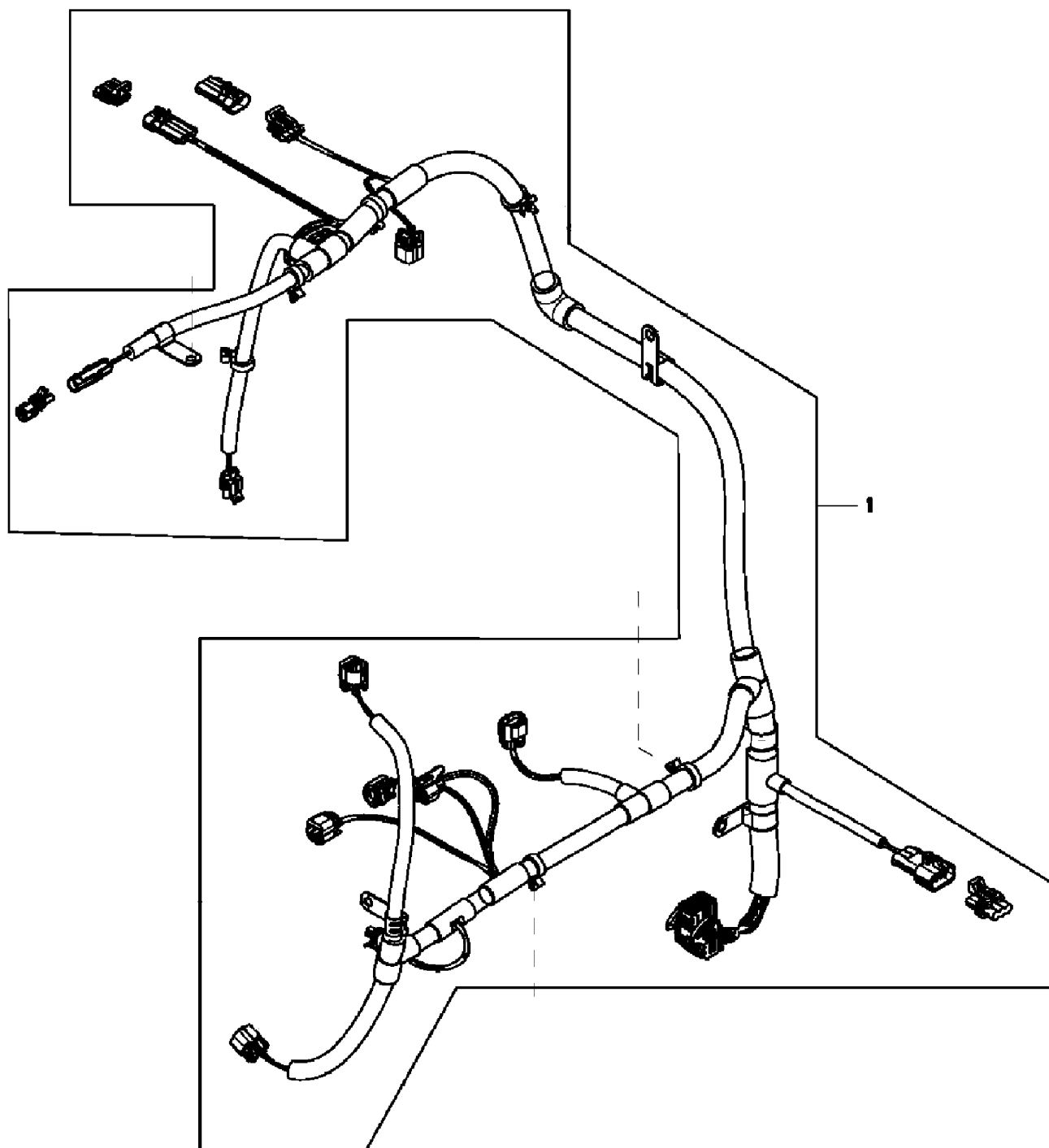
Exhaust Manifold and Turbo



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	36110054	O-Ring, 9.246 X 1.778 mm	1	
2	36103182	Adapter, 1/4-18 NPT X 11/16-16	1	
3	23230261	Turbocharger	1	
4	23229800	Screw, Hex Flange M10-1.75 X 25	4	
5	36106755	Gasket, Turbo / Exhaust	1	
6	36106748	Gasket, Turbo Oil Outlet	1	
7	23110497	Screw, Hex Flange M08-1.25 X 20	2	
8	23230253	Line, Oil	1	
9	36117885	Clamp, Hose	2	
10	23229859	Hose	1	
11	85474054	Fitting, 1/2-14 NPTF X Hose	1	
12	85470615	O-Ring, 13.30 X 2.20 mm	1	
13	85470573	Elbow, M16-2.0 X 11/16-16	1	
14	36119808	O-Ring, 9.246 X 1.778 mm	1	
15	85473676	Line, Turbo Oil Inlet	1	
16	23229776	Screw, Hex Flange M10-1.75 X 80	8	
17	23229875	Manifold, Exhaust	1	
18	23229628	Gasket, Exhaust Manifold	4	

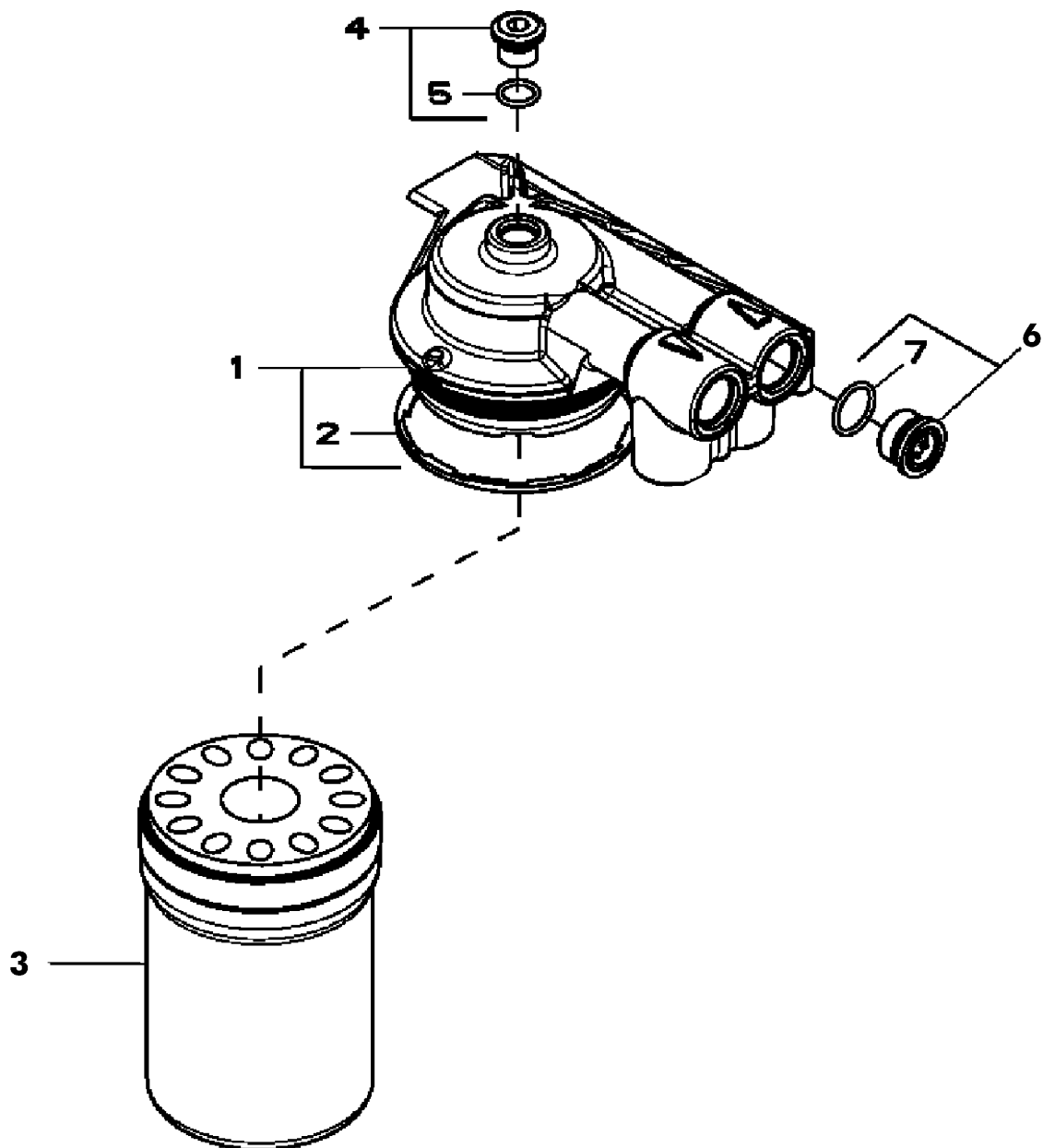
Engine Wiring Harness



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230204	Harness, Engine	1	

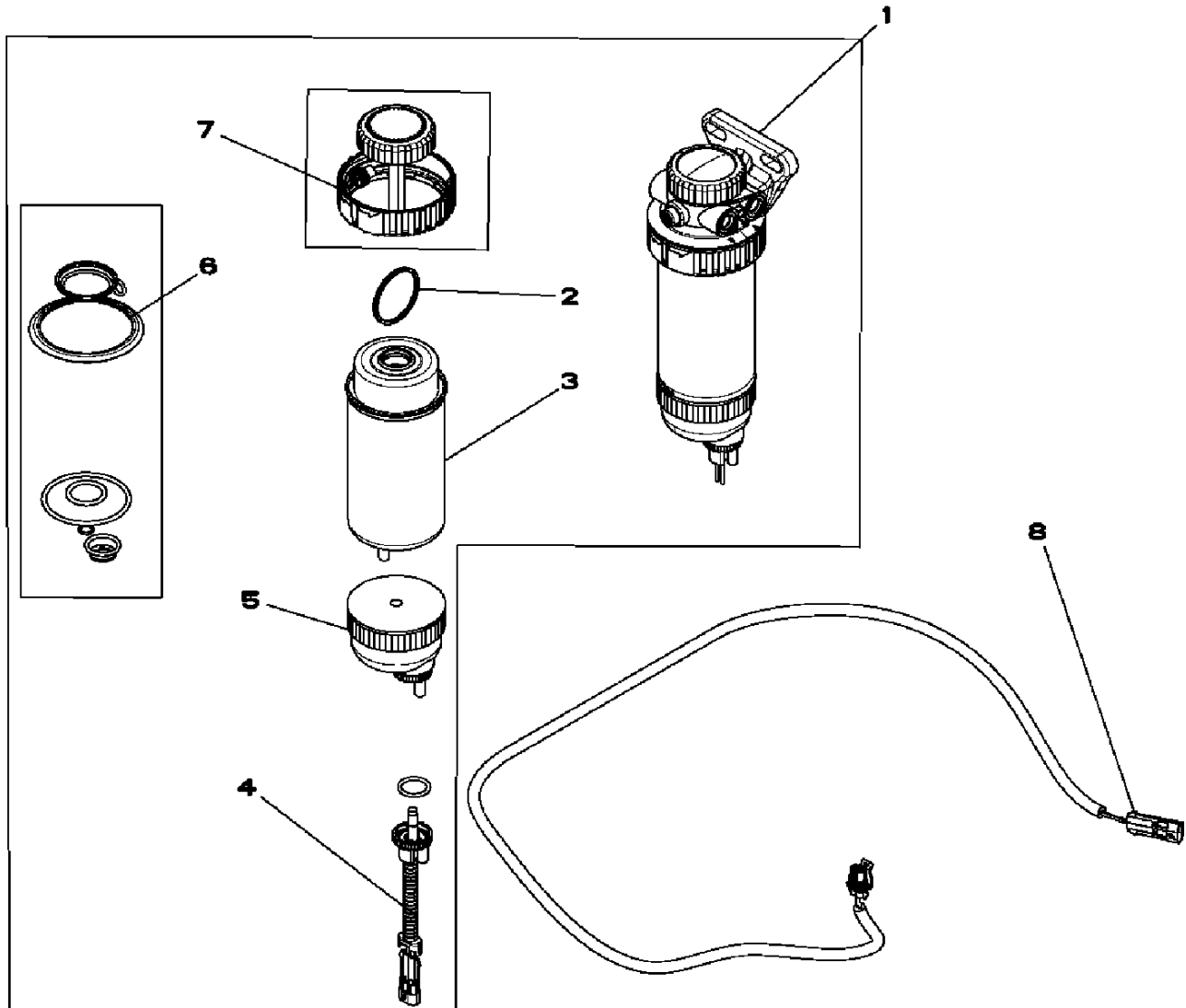
Oil Filter



23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	24899320	Filter Head	1	
2	24899304	Seal	1	
3	22206148	Element, Oil Filter	1	
4	85471811	Plug, Drain M16-2.0 X 1.5	1	
5	85470615	O-Ring, 13.3 X 2.2 mm	1	
6	23229933	Plug, Drain M22-2.5 X 1.5	2	
7	85470649	O-Ring, 19.3 X 2.2 mm	2	

Primary Fuel Filter



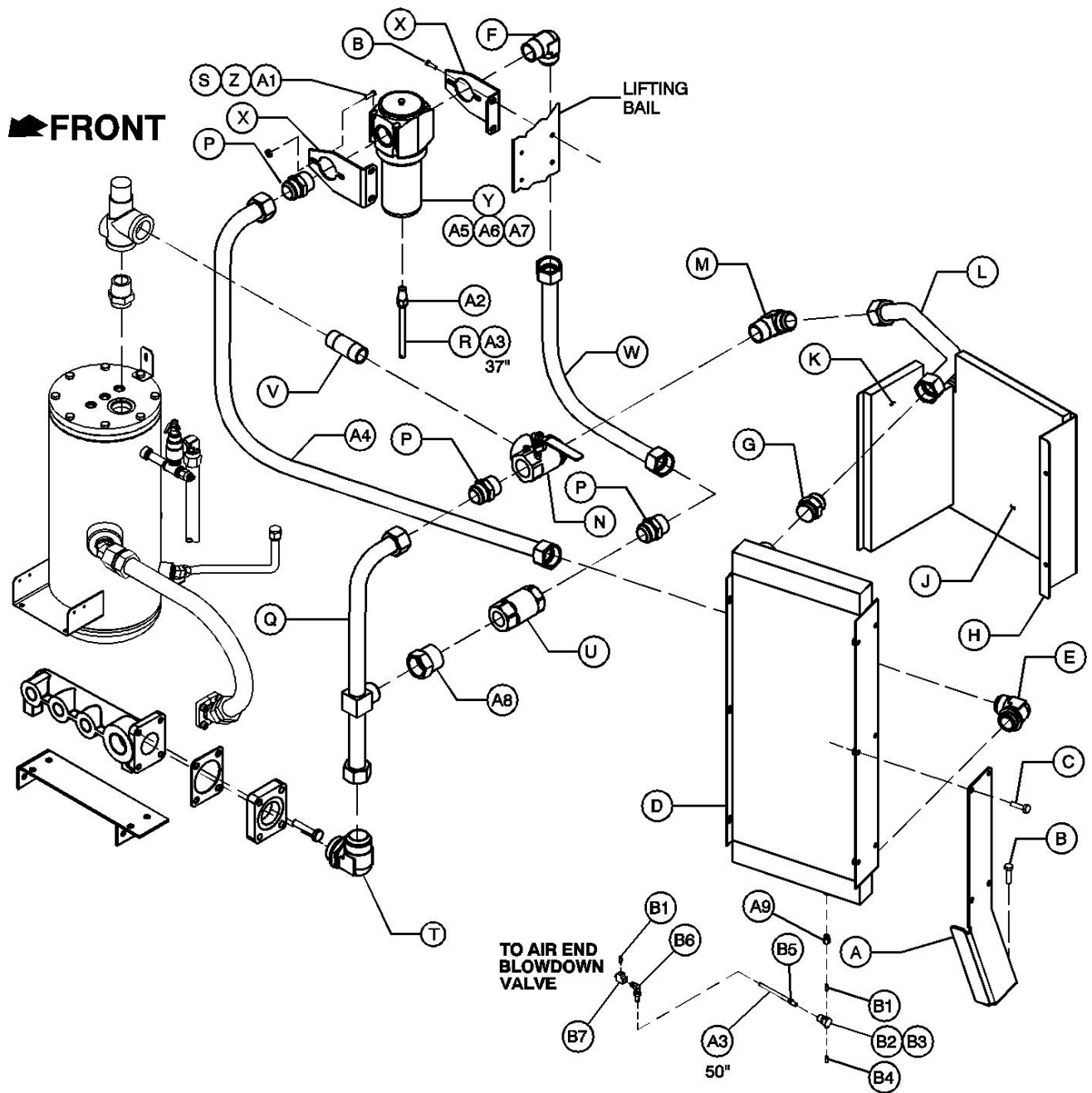
23060270_11-07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	23230063	Filter Assembly, Primary Fuel	1	
2	24899932	Kit, O-Ring	1	
3	22969265	Element, Primary Fuel Filter	1	
4	23229990	Sensor, Moisture	1	
5	36114544	Bowl, Sediment	1	
6	36114445	Kit, Seal	1	
7	36114536	Kit, Fuel Filter Seal	1	
8	23236946	Harness, Wiring	1	



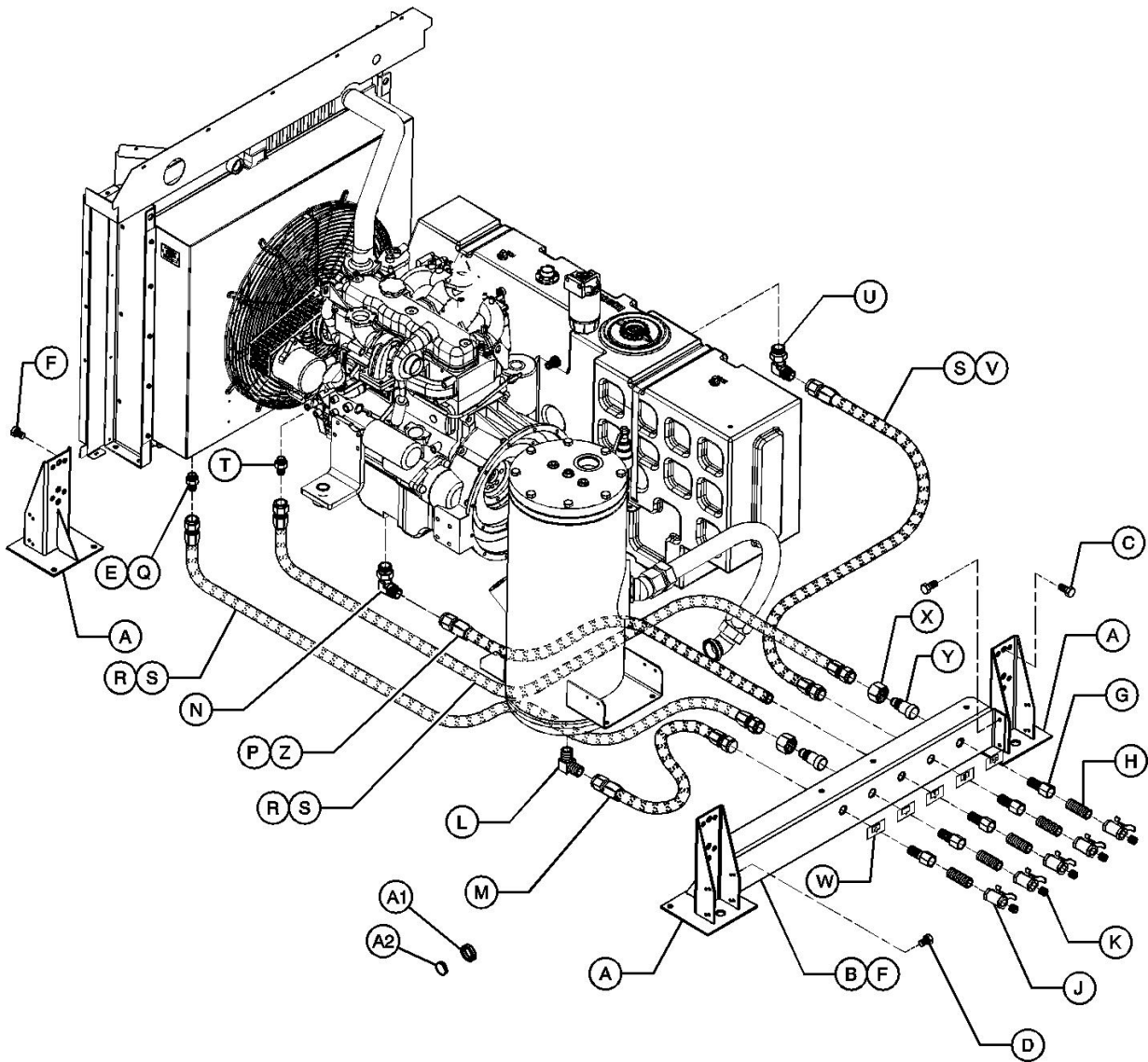
Section D - OPTION PARTS

AFTERCOOLER with WATER SEPARATOR



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54761622	Bracket, Aftercooler Mounting	1	See Lengths Above
B	35279025	Screw, Tapping M08-1.25 X 20	8	
C	96702279	Screw, Hex M10-1.50 X 20	2	
D	54660162	Aftercooler	1	
E	95431292	Elbow, 90° 1.88-12 X -12 JIC	1	
F	95949749	Elbow, 90° 1.5" NPT X 1.88-12	1	
G	35296409	Connector, 1.88-12 X -24 JIC	1	
H	22070908	Baffle, Front Aftercooler	1	
J	22074504	Panel, Aftercooler Interior Baffle	1	
K	22074488	Panel, Aftercooler Interior Baffle	1	
L	54759691	Tube, Separator Tank to Aftercooler	1	
M	95279477	Elbow, 90° 1.5" NPT X -24 JIC	1	
N	22258339	Valve, 3-Way 1.5" NPT	1	
P	95208682	Adapter, Swivel 1.50" NPT X 1.88-12 UNF	3	
Q	54671135	Tube, Separator Tank to Service Pipe	1	
R	35253038	Clamp, 3/8" Rubber Support	1	
S	95934899	Washer, Flat 3/8"	4	
T	95279477	Elbow, 90° 1.88-12 X -24JIC	1	
U	36786820	Valve, Check 1.50" NPT	1	
V	95487773	Nipple, Closed 1.5" NPT X 1.75"	1	
W	35130855	Hose, -24 JIC X 52.0"	1	
X	36882884	Bracket, Filter Mounting	2	
Y	36882728	Separator, Water 1.50" NPT	1	
Z	35271162	Screw, Hex M08-1.25 X 30	4	
A1	36881886	Nut, Hex Flange M08-1.25	4	
A2	35379700	Connector, 1/8" NPT X 3/8" Tube	1	
A3	35356484	Tubing, 3/8" OD Synflex	~	
A4	35117472	Hose, -24 JIC X 62"	1	
A5	36883270	Cap, Water Separator	AR	
A6	36883098	Kit, Water Separator	AR	
A7	35378231	Kit, Drain	AR	
A8	36883155	Adapter, 1.5" NPT to 1.88-12 UNF	1	
A9	35293687	Adapter, 9/16-18 to 1/4" NPT	1	
B1	95944575	Nipple, Closed 1/4" NPT X 7/8"	2	
B2	35322379	Valve, Blowdown	1	
B3	35379064	Diaphragm Repair Kit	AR	
B4	36766756	Orifice, Muffler .140	1	
B5	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	1	
B6	35114545	Tee, Street 1/4" NPT	1	
B7	35369354	Elbow, Male 1/4" NPT X 3/8 Tube	1	

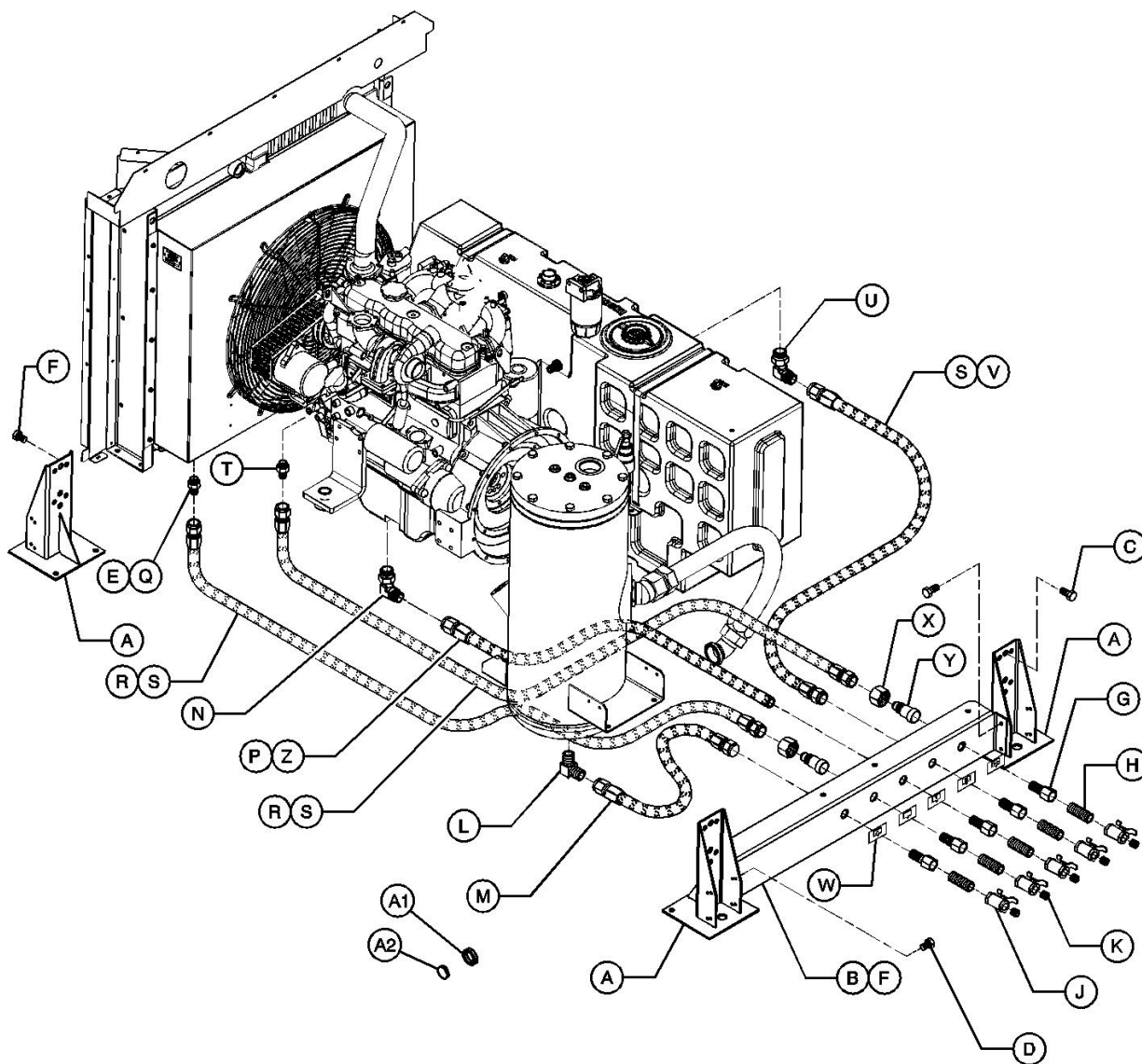
DRAINS, CENTRAL



23060270_eo05_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36882355	Support, Rear	4	<i>Continued...</i>
B	22072318	Bracket, Central Drains	1	
C	36879302	Screw, Hex M16-2.0 X 50	4	
D	92972140	Screw, Tapping M08-1.25 X 16	4	
E	35278571	O-Ring	1	
F	36888055	Screw, Hex Flange M12-1.75 X 30	8	
G	35287747	Bulkhead Fitting	5	
H	95928040	Nipple, Closed 3/4" NPT X 1.38"	5	
J	36777399	Valve, Ball 3/4"	5	
K	95947149	Plug, Hex Countersink 3/4" NPT	5	
L	36885093	Elbow, 90° Long -12 O-Ring to -12 JIC	1	
M	35323799	Hose, -12 J IC X 27"	1	
N	36883395	Elbow, 90° M18-1.5 to 5/8" Hose	1	

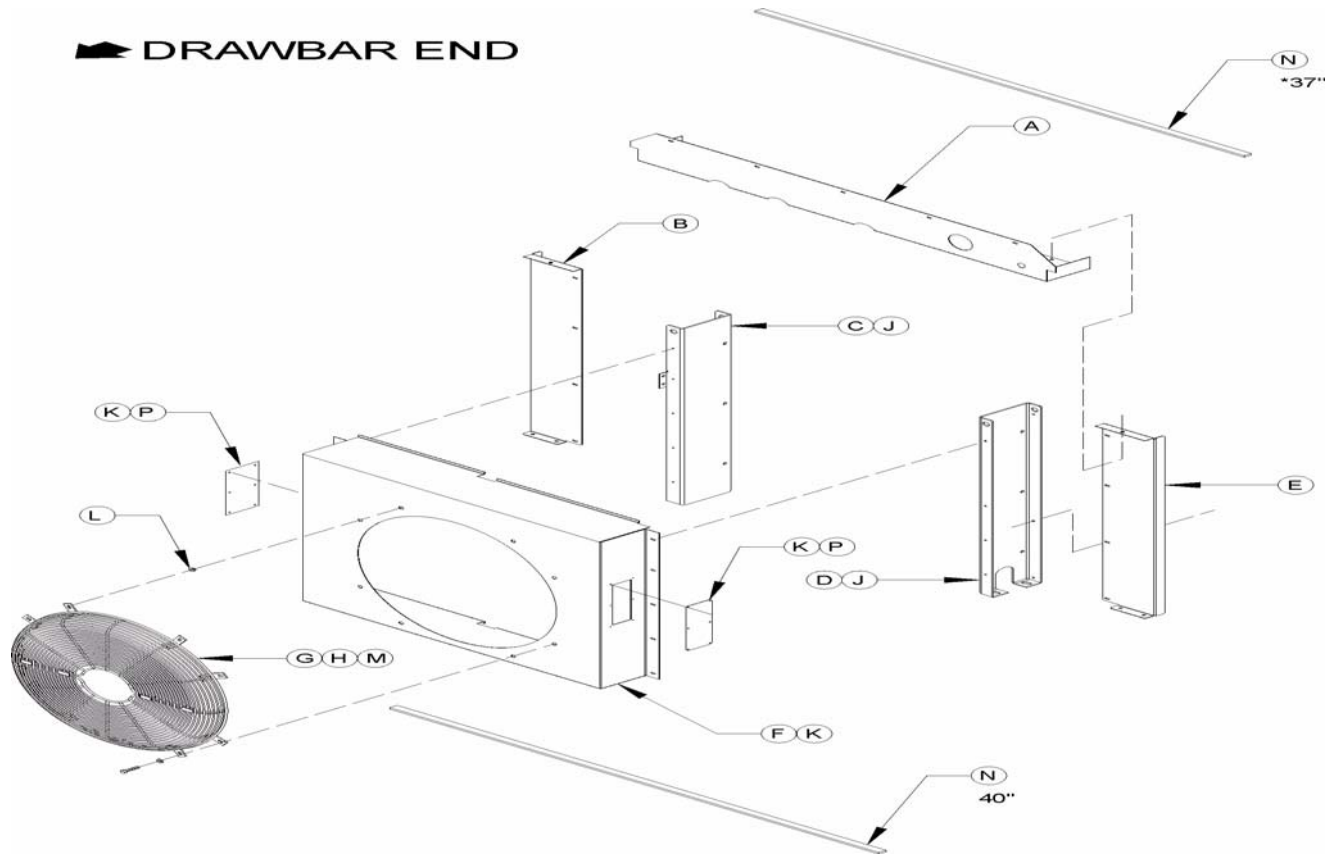
DRAINS, CENTRAL (cont'd)



23060270_eo05_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	35290378	Hose Assembly, -12 X 68"	1	
Q	35287895	Connector, 9/16-18 to -8 JIC	1	
R	35305481	Hose Assembly, -8 JIC X 88"	2	
S	35119379	Clamp, 1/2" Rubber Support	9	
T	35283134	Connector, 1/4" NPT to -8 JIC Swivel	1	
U	35294750	Elbow, 90° 1.06-12 SAE to -12JIC	1	
V	35376110	Hose Assembly, 12 JIC X 54"	1	
W	54629977	Decal, Central Drains	1	
X	35324987	Nut, Tube -12	2	
Y	35365774	Reducer, -12 JIC TO -8 JIC	2	
Z	95220844	Clamp, Worm Gear Hose	1	
A1	36893634	Grommet. Clearance Light	2	
A2	35367051	Lamp, Yellow Clearance	2	

DUAL PRESSURE REGULATION



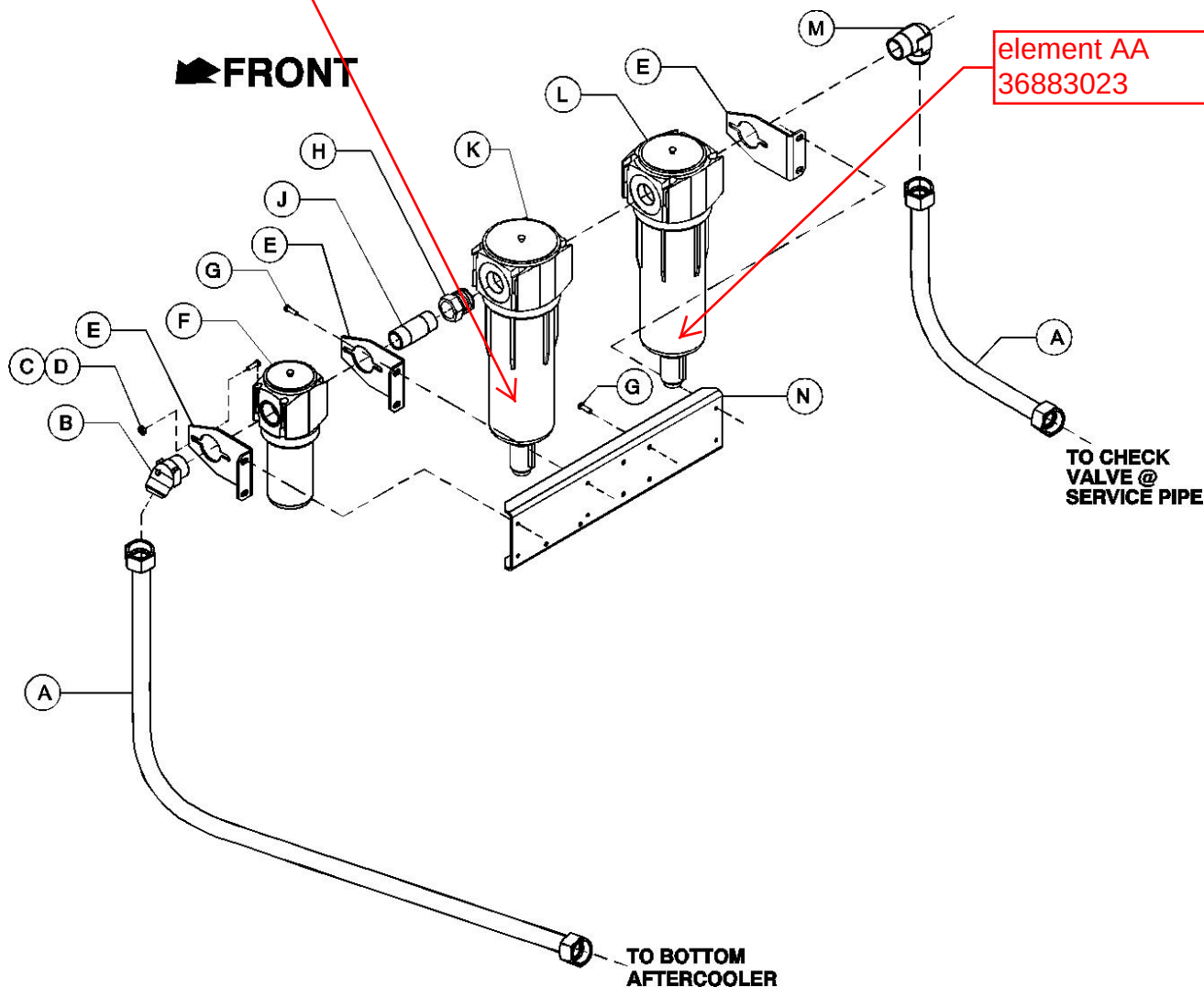
23060270_eo09_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36896892	Regulator, Pressure 200 PSI	1	Low Pressure
B	95667341	Nipple, Closed 1/4" NPT X 7/8"	2	
C	95944666	Elbow, Street 90° 1/4" NPT	2	
D	22489231	Bracket, Dual Regulation	1	
E	22489223	Valve, 3-Way	1	
F	35369354	Elbow, Male 1/4" NPT X 3/8 Tube	5	
G	36847952	Valve, Pressure Regulator 100 PSI	1	
H	95183158	Screw, Hex #10-24 X 7/16"	2	
J	95916110	Washer, Flat 1/4"	2	
K	22501316	Decal, Dual Regulation	1	
L	35356484	Tubing, 3/8" OD Synflex	~	See Lengths Above
	35387919	Kit, Low Pressure Regulator Repair	AR	

element AO
36883015

FILTERS, DUAL IQ

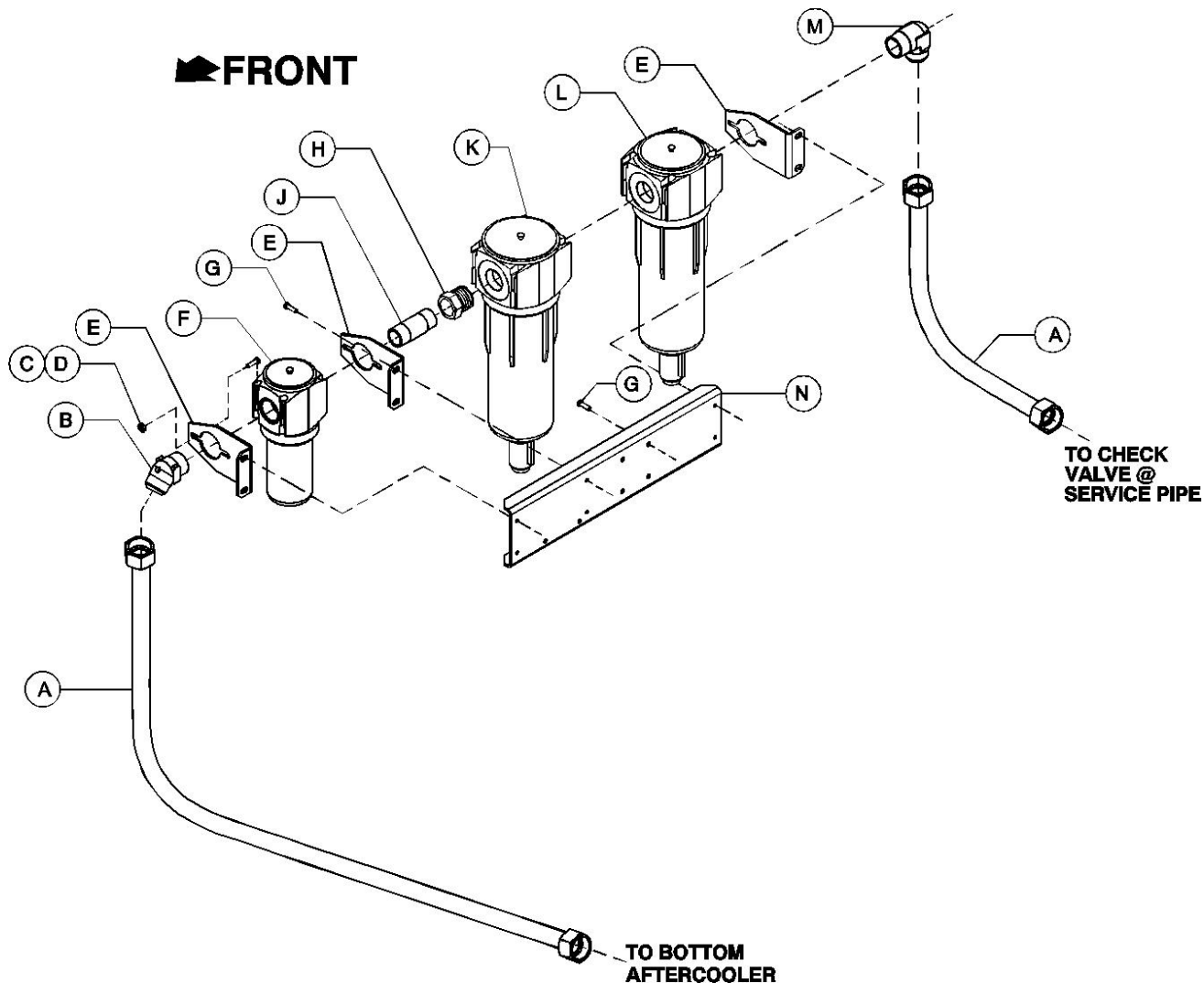
element AA
36883023



23060270_eo10_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35130855	Hose, -24 JIC X 52.0"	2	Continued...
B	36921500	Elbow, 45° 1.50" NPT to -24 J1C	1	
C	36880995	Screw, Hex Flange M10-1.50 X 30	2	
D	36879195	Nut, Hex Flange M10-1.5	2	
E	36882884	Bracket, Filter Mounting	3	
F	36882728	Separator, Water 1.50" NPT	1	
G	35279025	Screw, Tapping M08-1.25 X 20	10	
H	36883155	Adapter, 1.5" NPT to 1.88-12 UNF	1	
J	95928032	Nipple, Closed 1.50" NPT X 1.75"	1	
K	36882983	Filter, 1st Stage	1	
L	36882991	Filter, 2nd Stage	1	
M	39495148	Elbow, 90° 1.5" NPT X -24 JIC	1	
N	54761630	Bracket, Filter Mounting	1	

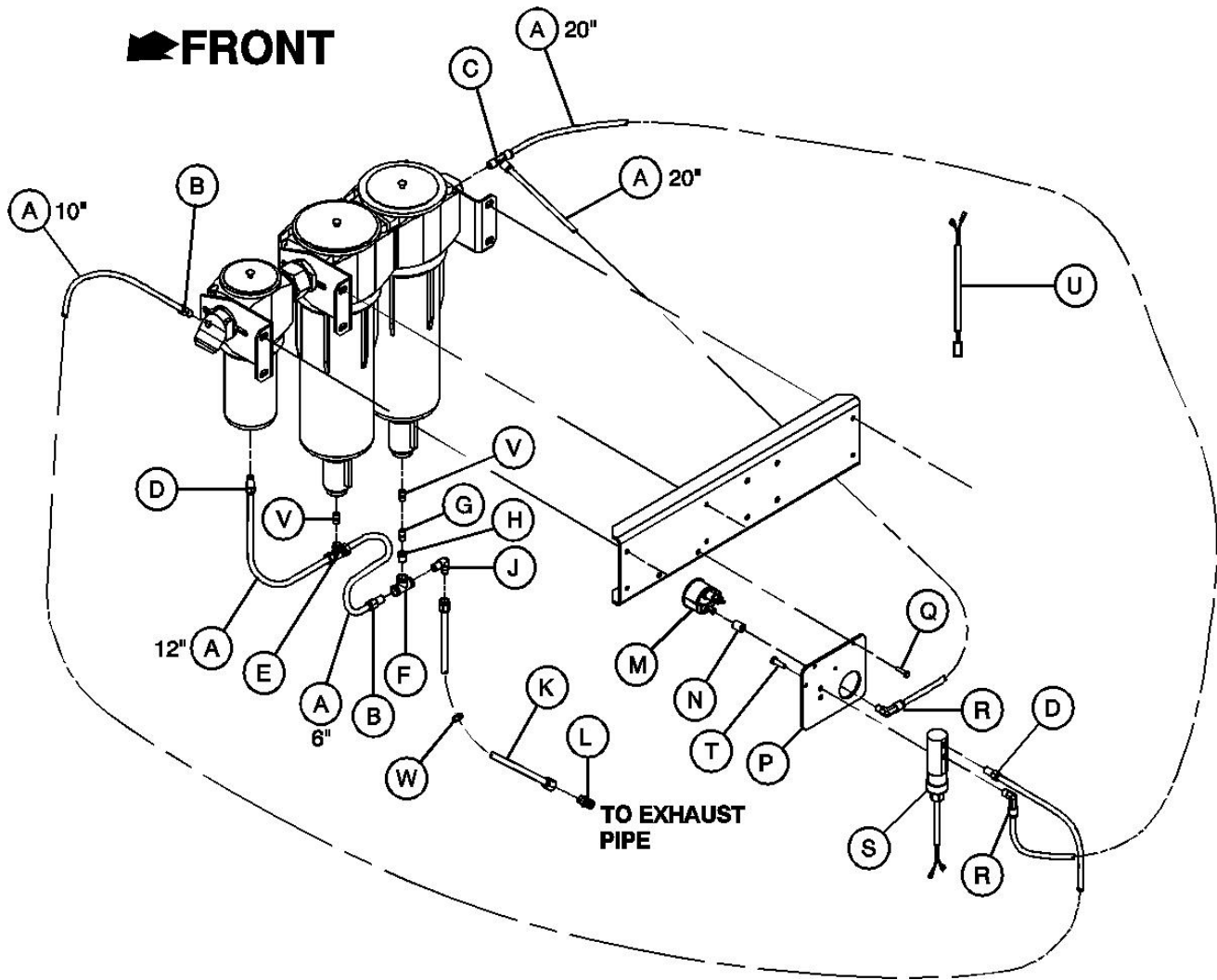
FILTERS, DUAL IQ (cont'd)



23060270_eo10_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36883049	Cap, Filter Housing 1st Stage	AR	1 ST Stage Filter
	36883015	Element, 1ST Stage	AR	1 ST Stage Filter
	36883080	Kit, Wedge Bol	AR	1 ST & 2 ND Stage Filter
	35378264	Kit, Sight Glass	AR	1 ST & 2 ND Stage Filter
	36883106	Kit, Air Filter Maintenance	AR	1 ST & 2 ND Stage Filter
	36883114	Rod, Element Retaining	AR	1 ST & 2 ND Stage Filter
	35378223	Indicator, Differential Pressure	AR	1 ST & 2 ND Stage Filter
	36883056	Cap, Filter Housing 2ND Stage	AR	2 ND Stage Filter
	36883023	Element, 2ND Stage	AR	2 ND Stage Filter
	36883270	Cap, Water Separator	AR	Water Separator
	36883098	Kit, Water Separator	AR	Water Separator
	35378231	Kit, Drain	AR	All Filters

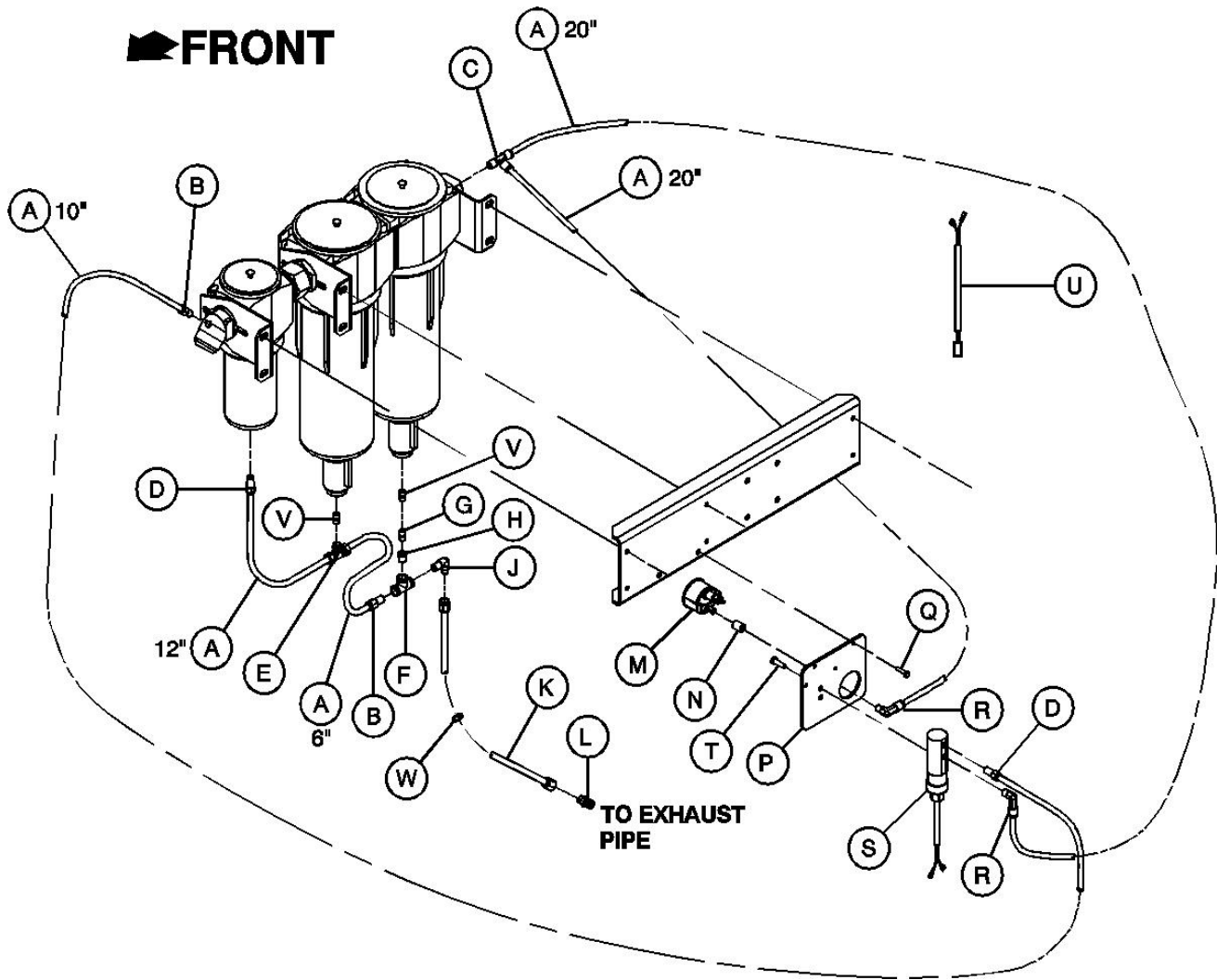
DIFFERENTIAL PRESSURE IQ DUAL FILTERS



23060270_eo11_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356484	Tubing, 3/8" OD Synflex	~	See Lengths Above
B	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	2	
C	35369503	Tee, Male Run 1/4" NPT X 3/8 Tube	1	
D	35379700	Connector, 1/8" NPT X 3/8" Tube	2	
E	35369396	Tee, Male Run 1/8" NPT X 3/8 Tube	1	
F	95954194	Tee, 1/4" NPT	1	
G	95953493	Nipple, Closed 1/8" NPT X 3/4"	1	
H	95930301	Bushing, Reducing 1/4" NPT X 1/8" NPT	1	
J	35283464	Elbow, 90° 1/4" NPT X -4 JIC	1	
K	35306661	Hose Assembly, -4 JIC X 94"	1	
				Continued...

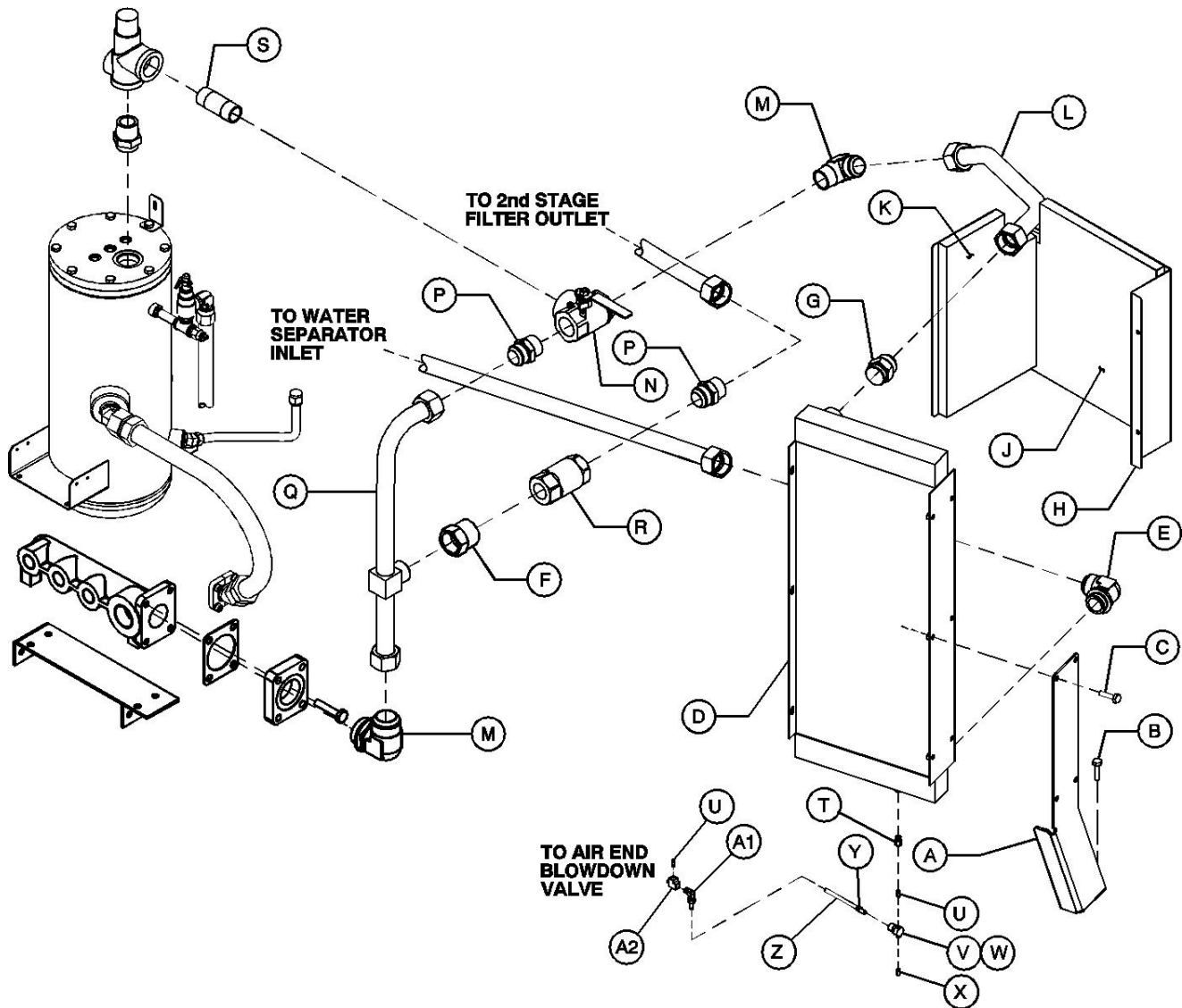
DIFFERENTIAL PRESSURE IQ DUAL FILTERS (cont'd)



23060270_eo11_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	35283472	Connector, 1/4" NPT X -4 JIC Swivel	1	
M	36891216	Gauge, Pressure 250 PSI	1	
N	95038634	Coupling, 1/8" NPT X 3/4"	1	
P	54762125	Plate, Gauge	1	
Q	36797652	Screw, Tapping M06-1.0 X 12	2	
R	35370386	Elbow, 90° Male 1/8" NPT X 1/8" NPT	2	
S	36899615	Indicator, Pressure Differential	1	
T	95934774	Screw, Hex 1/4-20 X 1/2"	2	
U	22293484	Harness, IQ Option	1	
V	96746334	Adapter, 1/8" BSPT to 1/8" NPT	2	
W	35285162	Grommet, 3/4" ID	1	

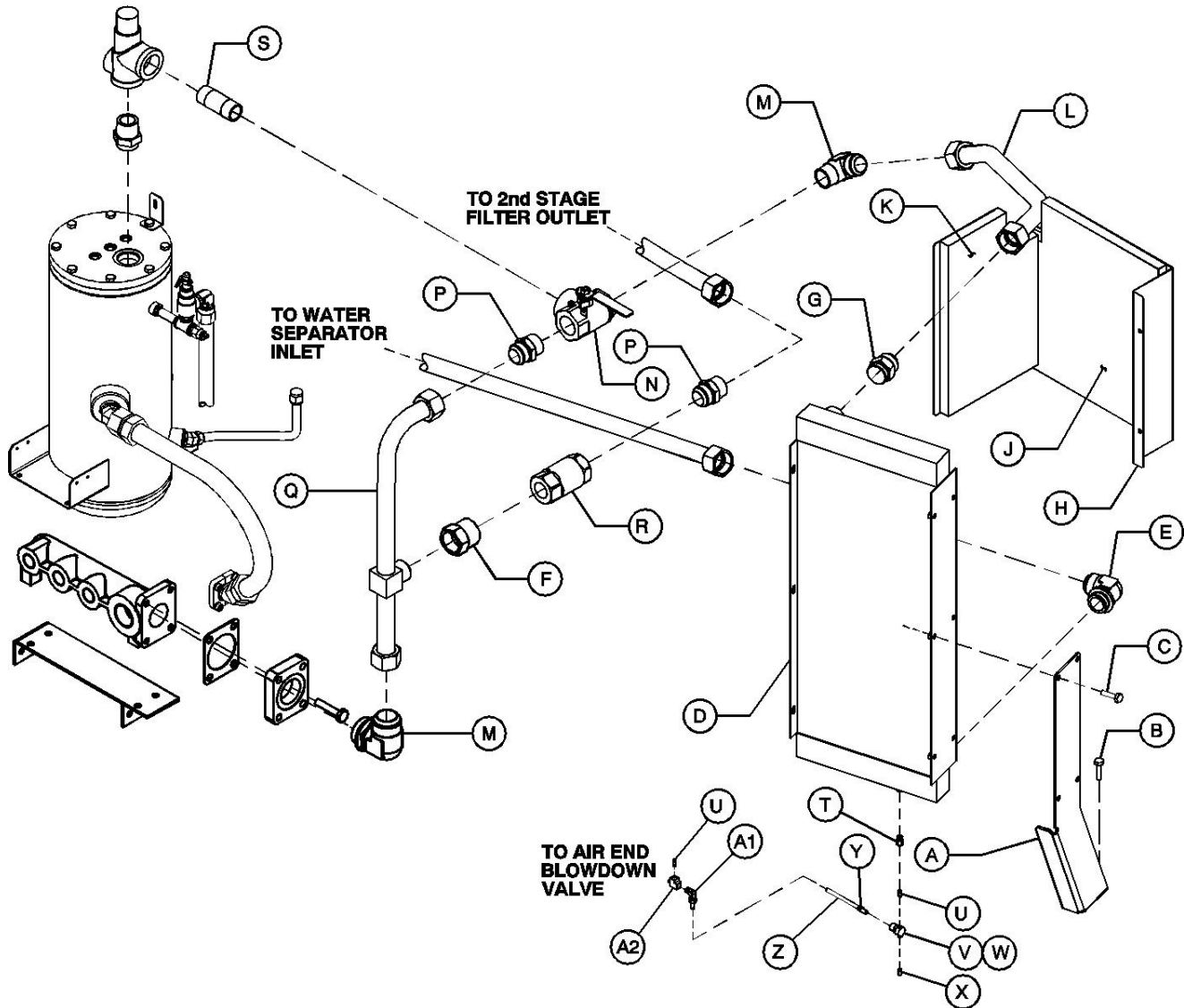
AFTERCOOLER IQ DUAL FILTERS



23060270_eo12_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54761622	Bracket, Aftercooler Mounting	1	Continued...
B	35279025	Screw, Tapping M08-1.25 X 20	4	
C	96702279	Screw, Hex M10-1.50 X 20	4	
D	54660162	Aftercooler	1	
E	95431292	Elbow, 90° 1.88-12 X -12JIC	1	
F	36883155	Adapter, 1.5" NPT to 1.88-12 UNF	3	
G	35296409	Connector, 1.88-12 X -24 JIC	1	
H	22070908	Baffle, Front Aftercooler	1	
J	22074504	Panel, Aftercooler Interior Baffle	1	
K	22074488	Panel, Aftercooler Interior Baffle	1	
L	54759691	Tube, Separator Tank to Aftercooler	1	
M	95279477	Elbow, 90° 1.5" NPT X -24 JIC	2	
N	22258339	Valve, 3-Way 1.5" NPT	1	

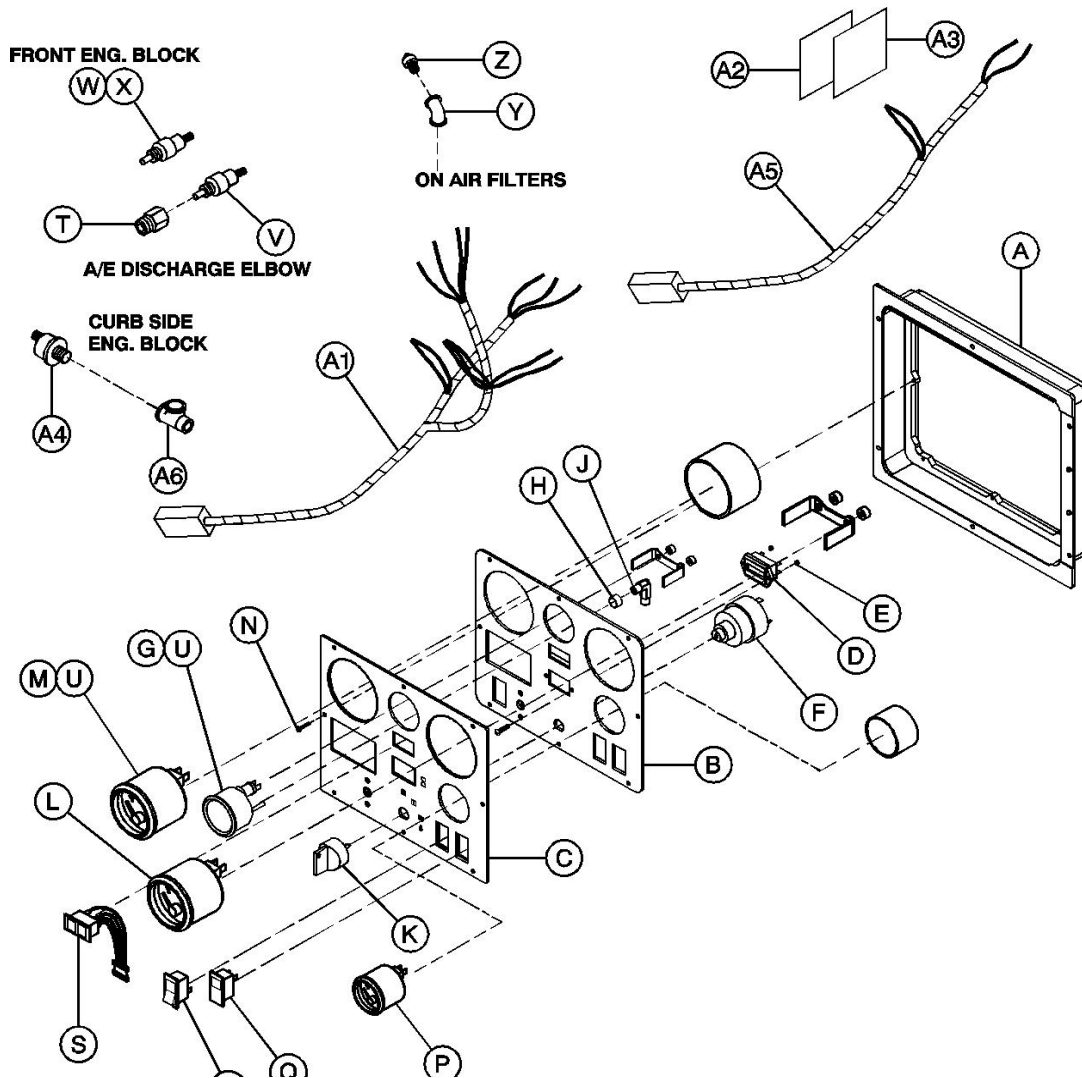
AFTERCOOLER IQ DUAL FILTERS (cont'd)



23060270_eo12_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	95208682	Adapter, Swivel 1.50" NPT X 1.88-12 UNF	2	
Q	54671135	Tube, Separator Tank to Service Pipe	1	
R	36786820	Valve, Check 1.50" NPT	1	
S	95487773	Nipple, Closed 1.5" NPT X 1.75"	1	
T	35293687	Adapter, 9/16-18 to 1/4" NPT	1	
U	95944575	Nipple, Closed 1/4" NPT X 7/8"	2	
V	35322379	Valve, Blowdown	1	
W	35379064	Diaphragm Repair Kit	AR	
X	36766756	Orifice, Muffler .140	1	
Y	35369347	Connector, Male 1/4" NPTF X 3/8" Tube	1	
Z	35356484	Tubing, 3/8" OD Synflex	50"	
A1	35369354	Elbow, Male 1/4" NPT X 3/8 Tube	1	
A2	35114545	Tee, Street 1/4" NPT	1	

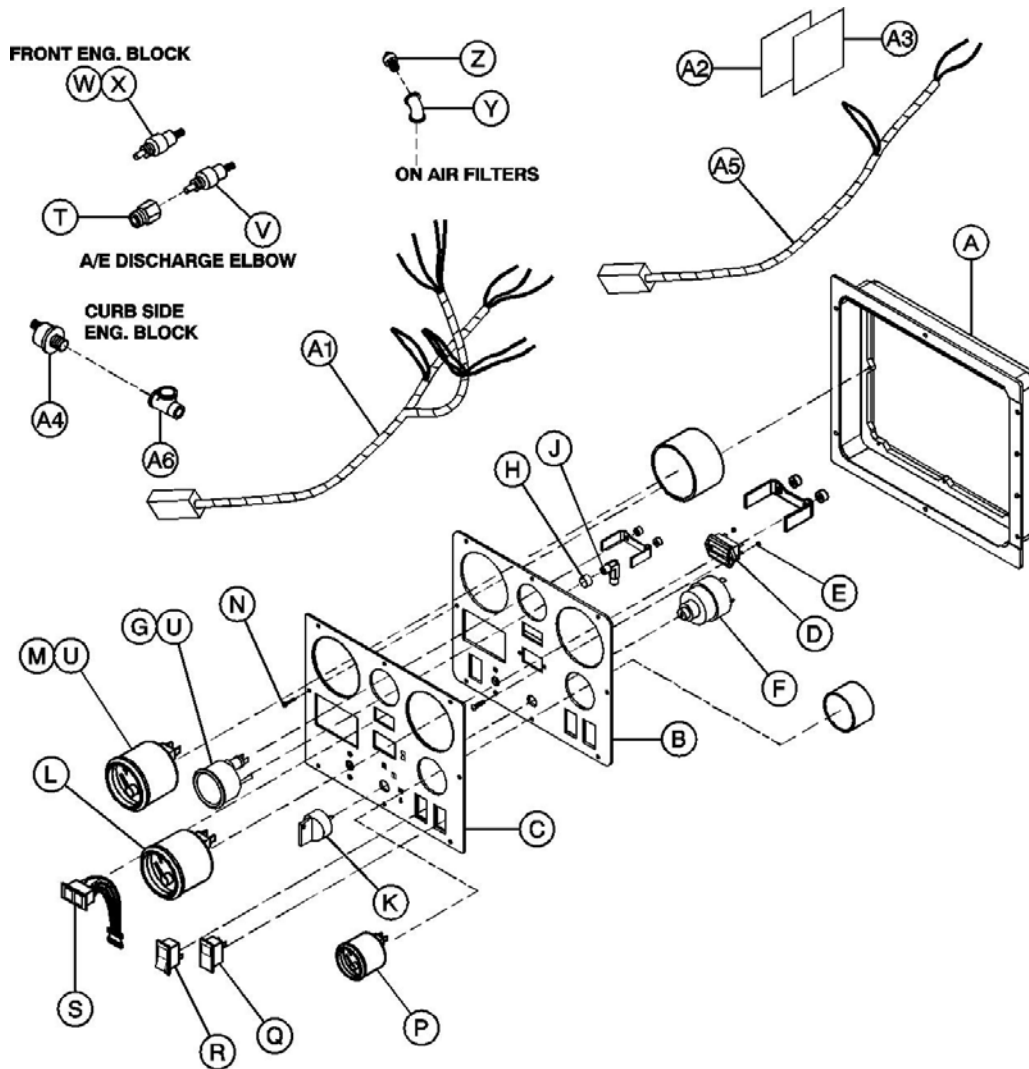
FULL GAUGE PANEL



23060270_eo13_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	Continued...
B	22171680	Panel, Instrument	1	
C	22171698	Decal, WW Instrument Panel	1	
D	22054175	Hourmeter	1	
E	22054159	Nut, #4-40 Plastic	2	
F	22127385	Switch, Start	1	
G	36891216	Gauge, Pressure 250 PSI	1	
H	95935599	Coupling, 1/8" NPT X 3/4"	1	
J	35370386	Elbow, 90° Male 1/8" NPT X 1/8" NPT	1	
K	22134118	Knob, Non-Removable Key	1	
L	22255046	Gauge, 4-in-1	1	
M	22055883	Tachometer	1	
N	22070494	Screw, Plastic Tapping	8	
P	22692602	Gauge, Fuel Level	1	

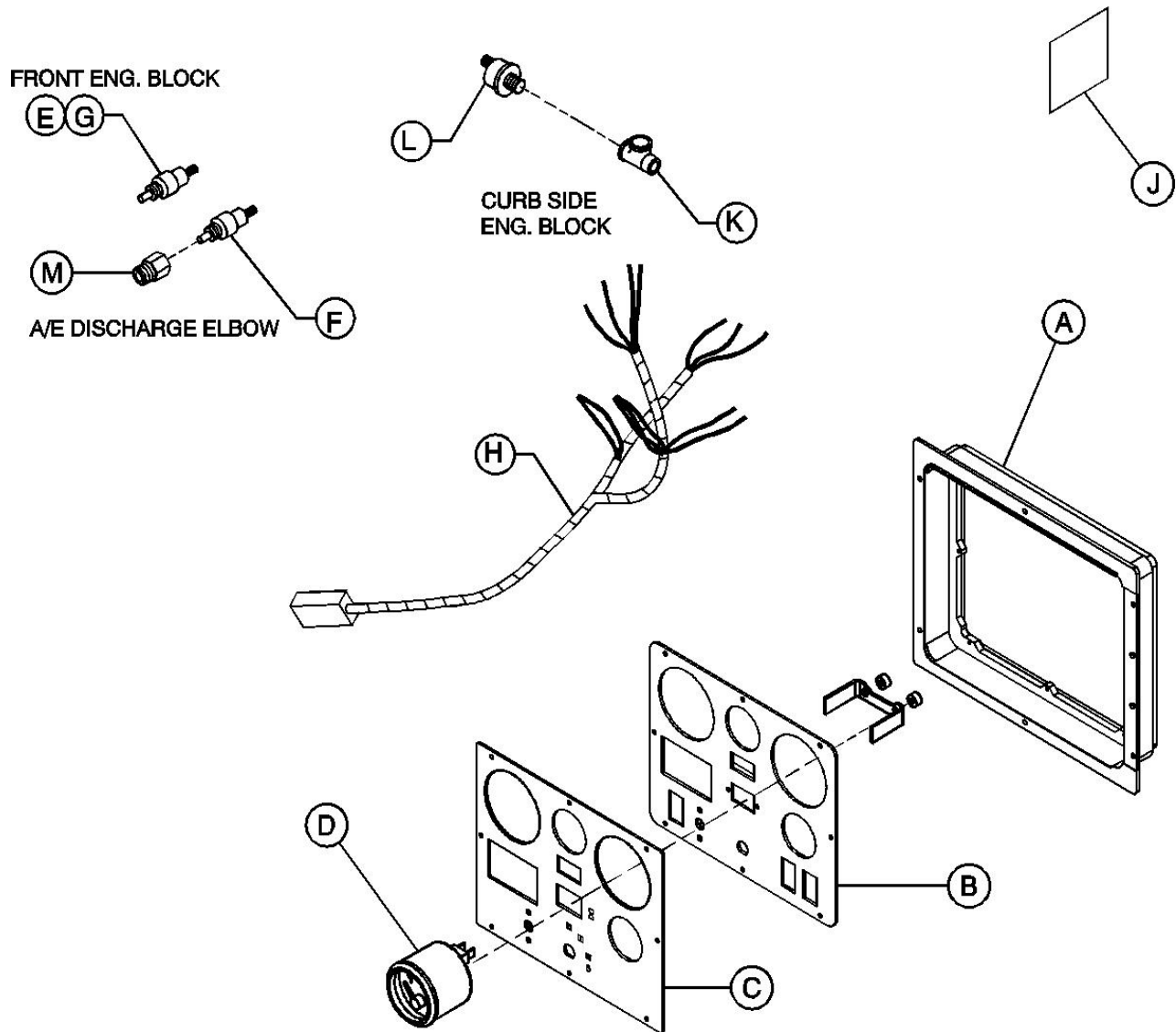
FULL GAUGE PANEL (cont'd)



23060270_eo13_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Q	22050553	Light, Warning	1	Wait to Start
R	22054076	Switch, Rocker SPST Momentary	1	Load / Unload
S	22172423	Module, 2-Light Warning	1	
T	95670535	Adapter, 3/4-16 SAE X 3/8" NPT	1	
U	22137426	Lamp, 28V	2	
V	35367218	Sender, Temperature 300°	1	Discharge
W	35372457	Sender, Temperature 300°	1	Engine
X	35278571	O-Ring	1	
Y	95956199	Elbow, Street 1/8" NPT X 45°	2	
Z	36847838	Switch, Vacuum	2	
A1	22251896	Harness, Option Wiring	1	
A2	22530748	Laminate, Option Wiring Diagram	1	
A3	22530797	Laminate, AFRI Option Wiring Diagram	1	
A4	36870608	Sender, Pressure 145 PSI	1	Engine Oil
A5	22251904	Harness, AFRI Wiring	1	
A6	39127287	Tee, Street 1/8" NPT	1	

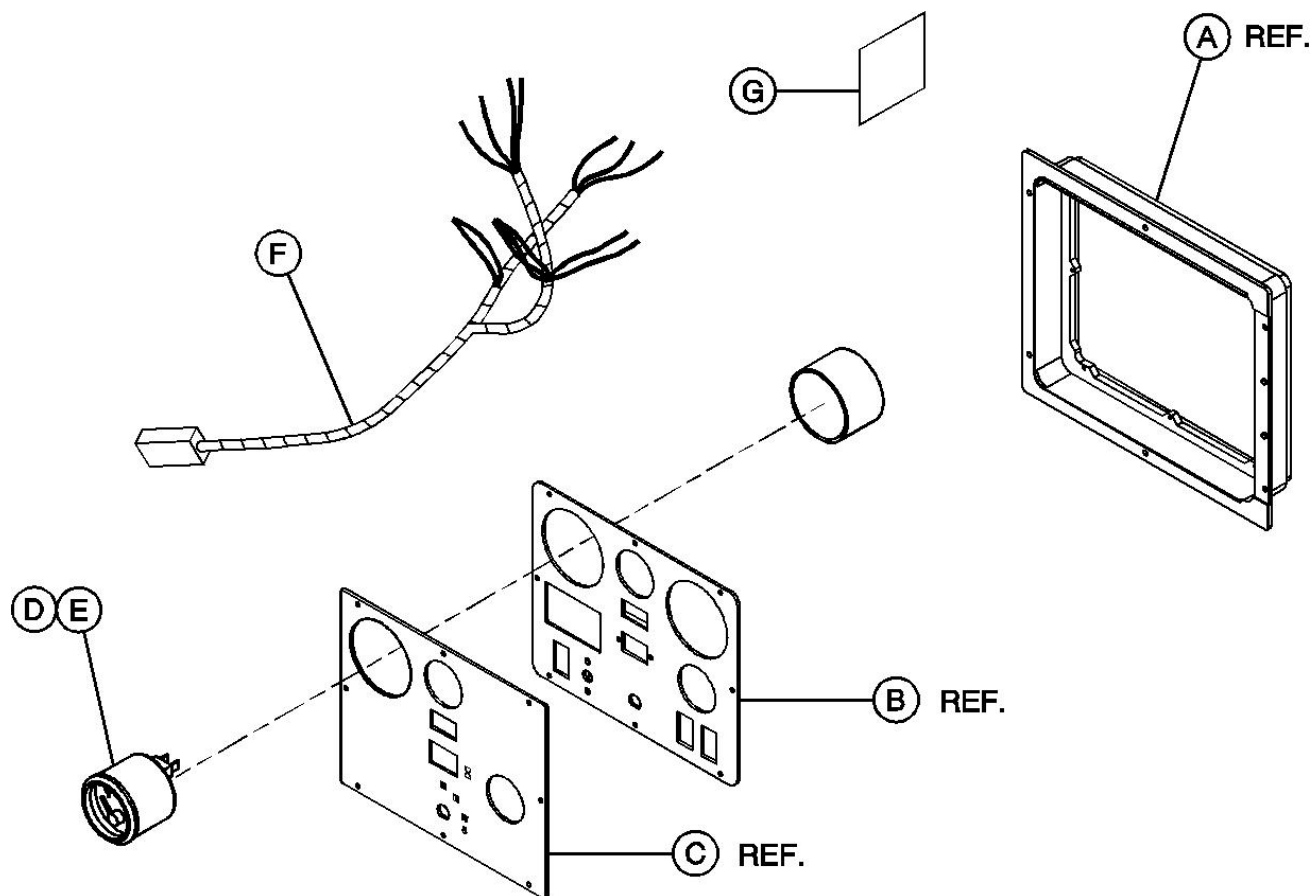
GAUGE, 4-in-1



23060270_eo14_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	Engine Discharge
B	22171680	Panel, Instrument	1	
C	22171698	Decal, WW Instrument Panel	1	
D	22255046	Gauge, 4-in-1	1	
E	35372457	Sender, Temperature 300°	1	
F	35367218	Sender, Temperature 300°	1	
G	35278571	O-Ring	1	
H	22251896	Harness, Option Wiring	1	
J	22530748	Laminate, Option Wiring Diagram	1	
K	39127287	Tee, Street 1/8" NPT	1	
L	36870608	Sender, Pressure 145 PSI	1	Engine Oil
M	95670535	Adapter, 3/4-16 SAE X 3/8" NPT	1	

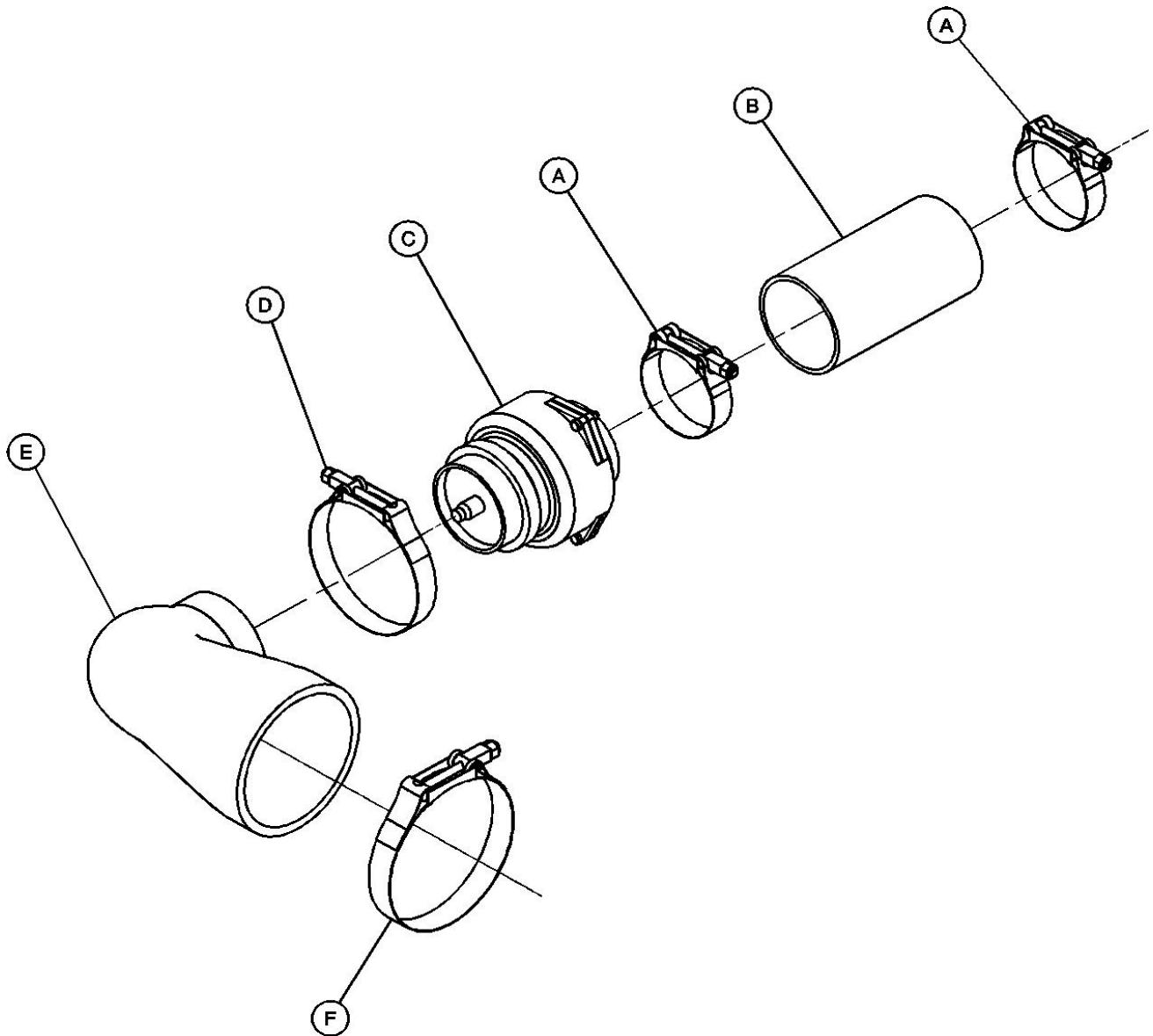
TACHOMETER



23060270_eo15_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	Frame, WW Instrument Panel	1	
B	22171680	Panel, Instrument	1	
C	22171698	Decal, WW Instrument Panel	1	
D	22055883	Tachometer	1	
E	22137426	Lamp, 28V	1	
F	22261465	Harness, Tachometer Option	1	
G	22351217	Laminate, Tachometer Option Wiring Diagram	1	

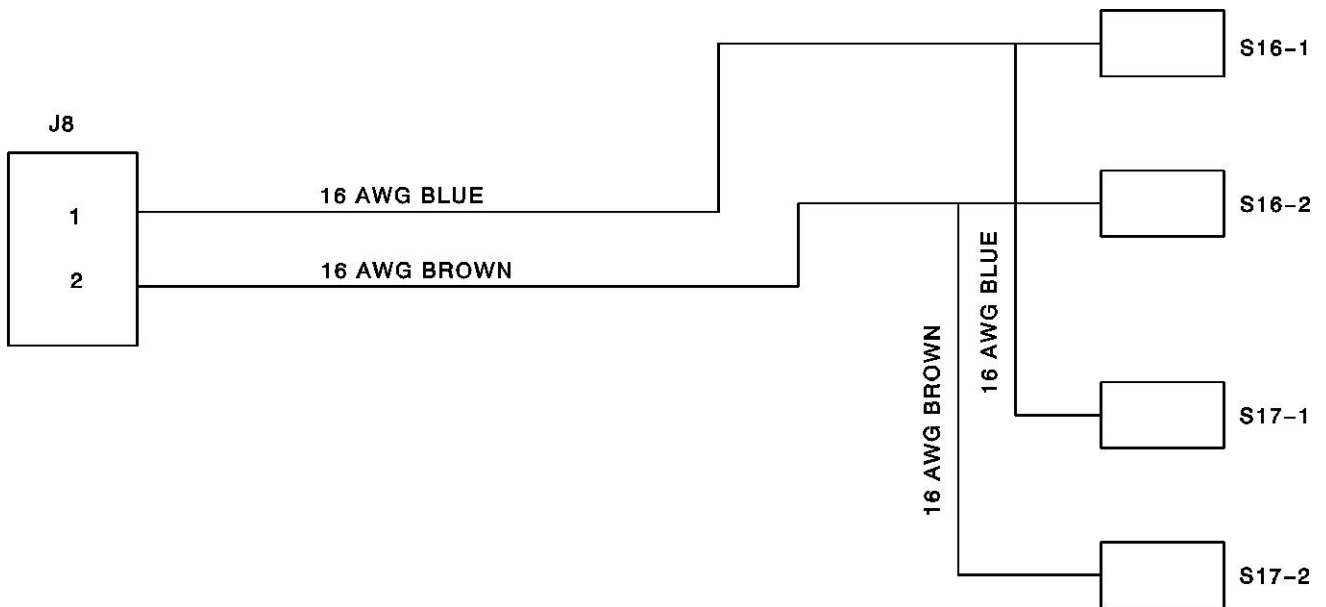
OVERSPEED VALVE



23060270_eo17_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35295781	Clamp, T-Bolt 3.25"	2	
B	22191217	Hose, Turbocharger	1	
C	22191332	Valve, Overspeed	1	
D	35374073	Clamp, T-Bolt 3.62"	1	
E	23055809	Hose, Air Intake	1	
F	22067714	Clamp, T-Bolt 5.31"		

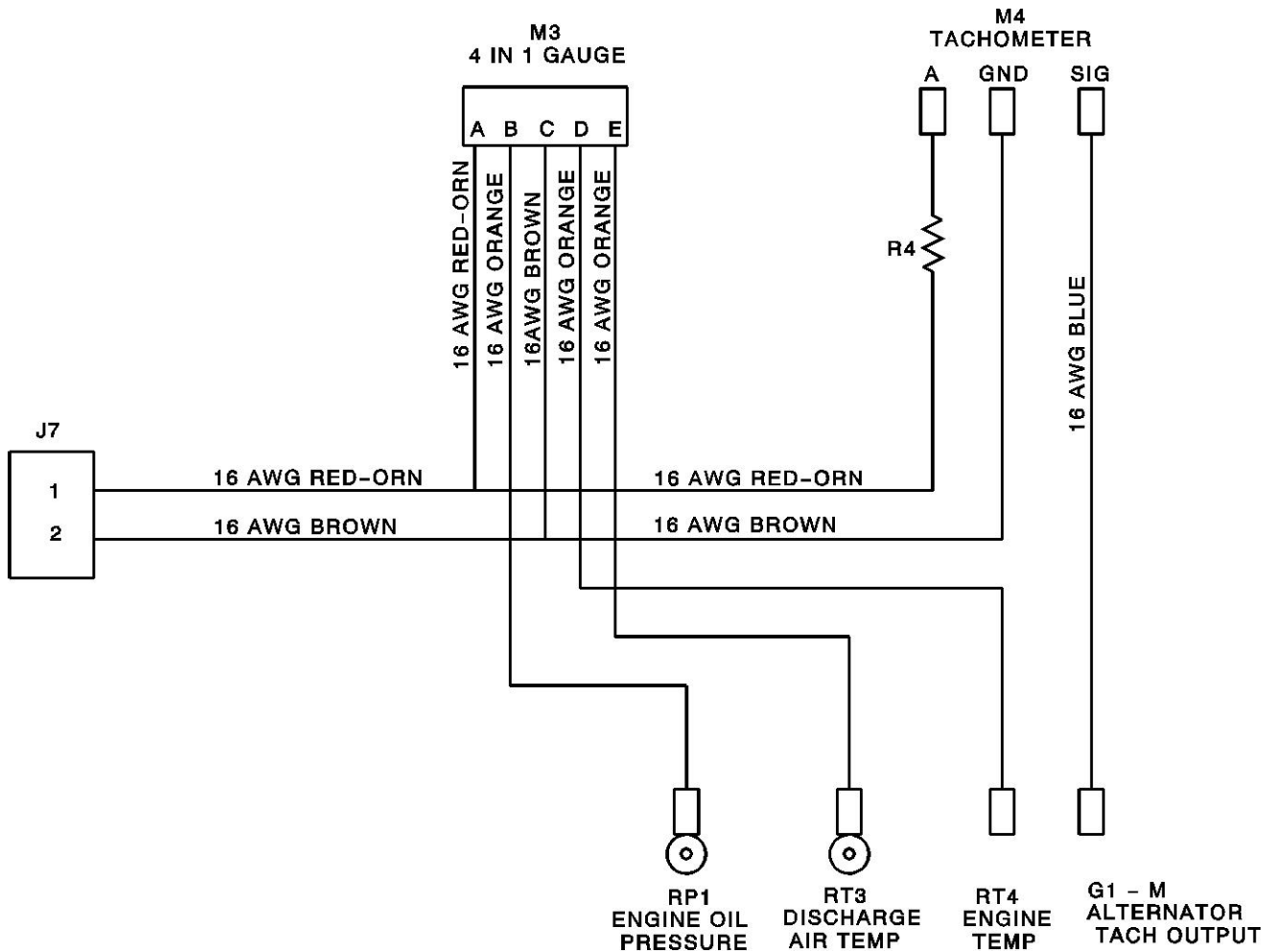
AIR FILTER RESTRICTION WIRING SCHEMATIC



23060270_eo26_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S16	36847838	Switch, Vacuum	1	
S17	36847838	Switch, Vacuum	1	
W4	22251904	Harness, AFRI Wiring	1	

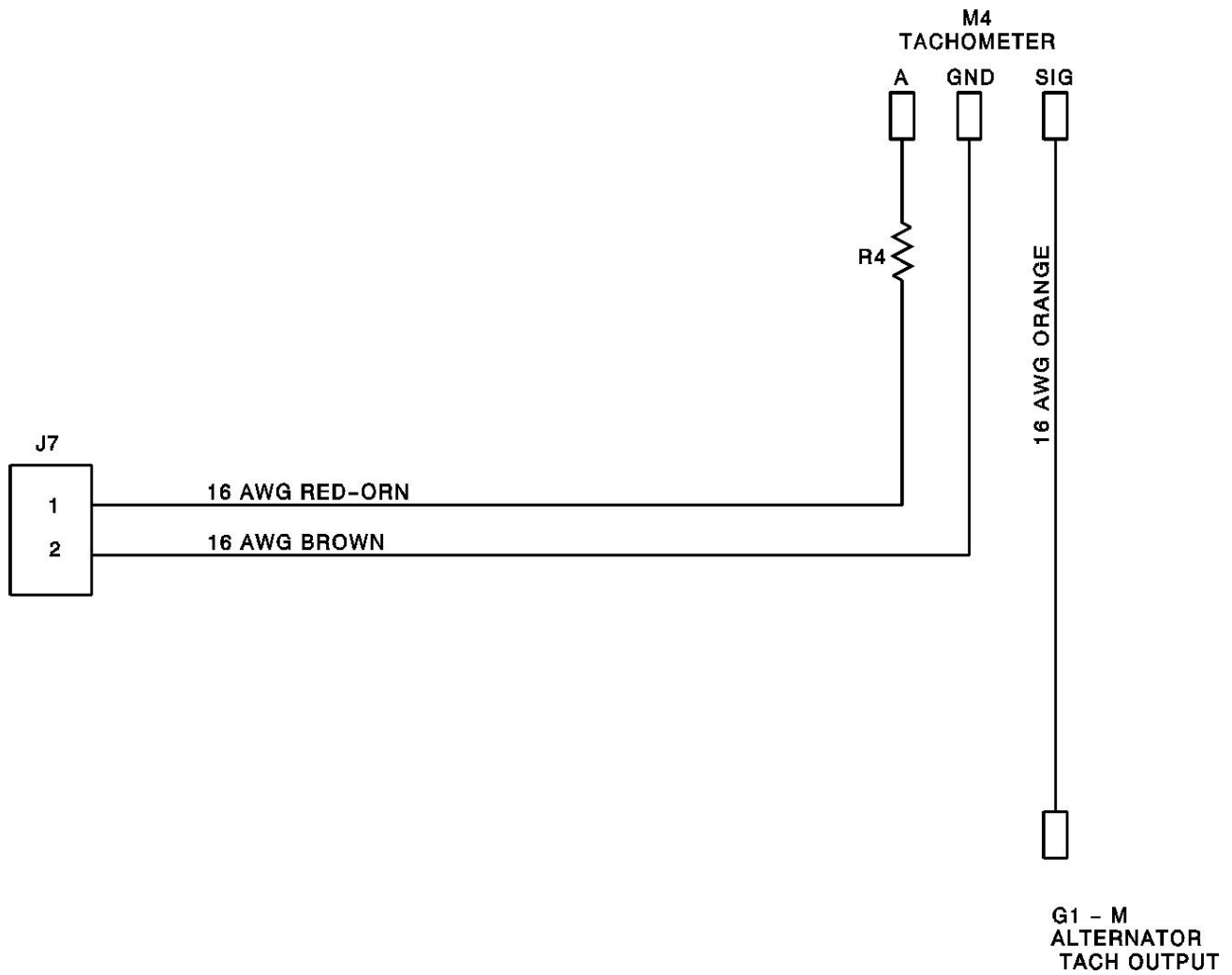
OPTION WIRING SCHEMATIC



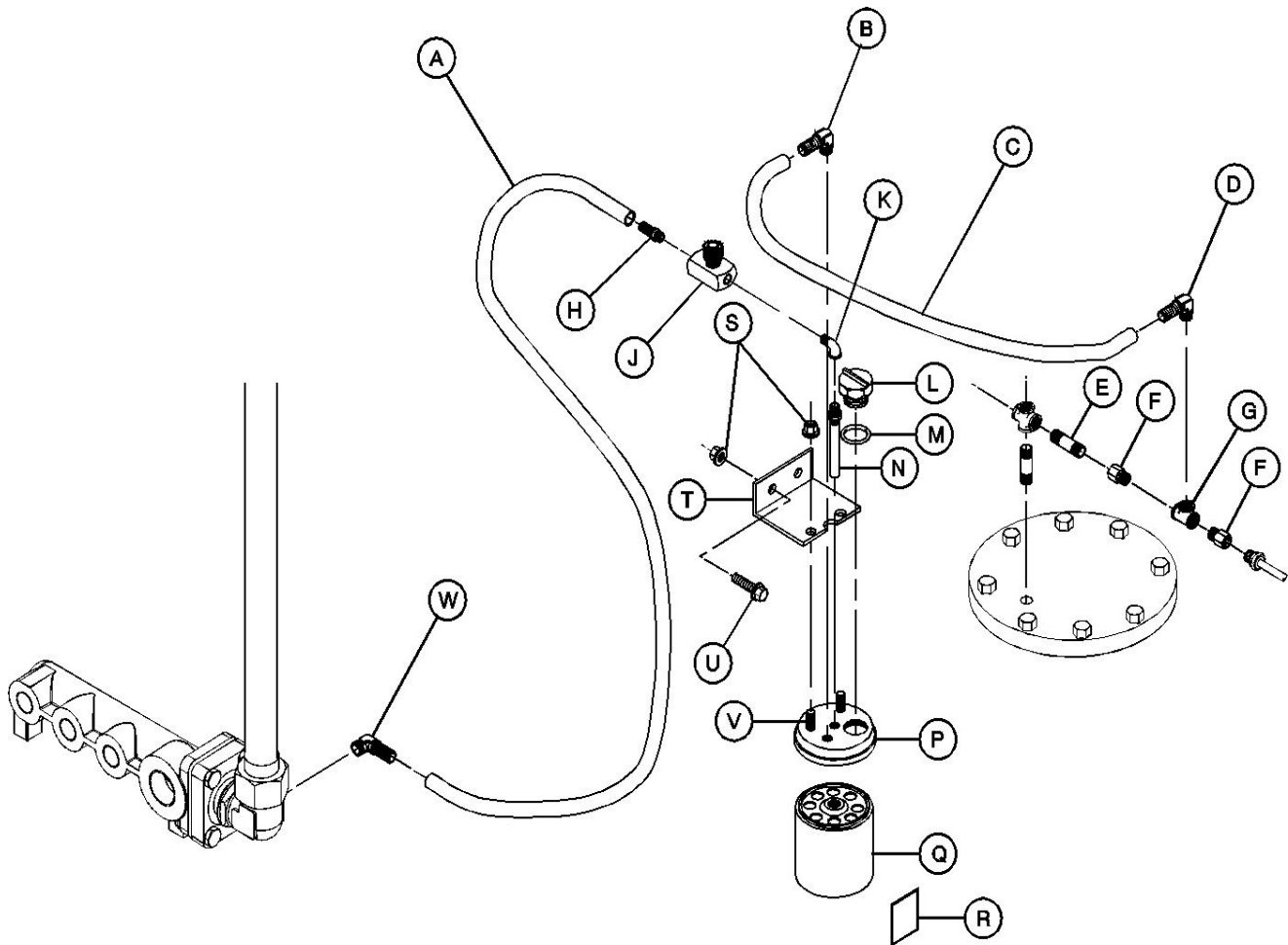
23060270_eo27_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M3	22255046	Gauge, 4-in-1	1	Engine Oil Discharge Engine
M4	22055883	Tachometer	1	
RP1	36870608	Sender, Pressure 145 PSI	1	
RT3	35367218	Sender, Temperature 300°	1	
RT4	35372457	Sender, Temperature 300°	1	
W3	22251896	Harness, Option Wiring	1	
W6	22255053	Harness, 4-in-1 Gauge Wiring	1	

TACHOMETER WIRING SCHEMATIC



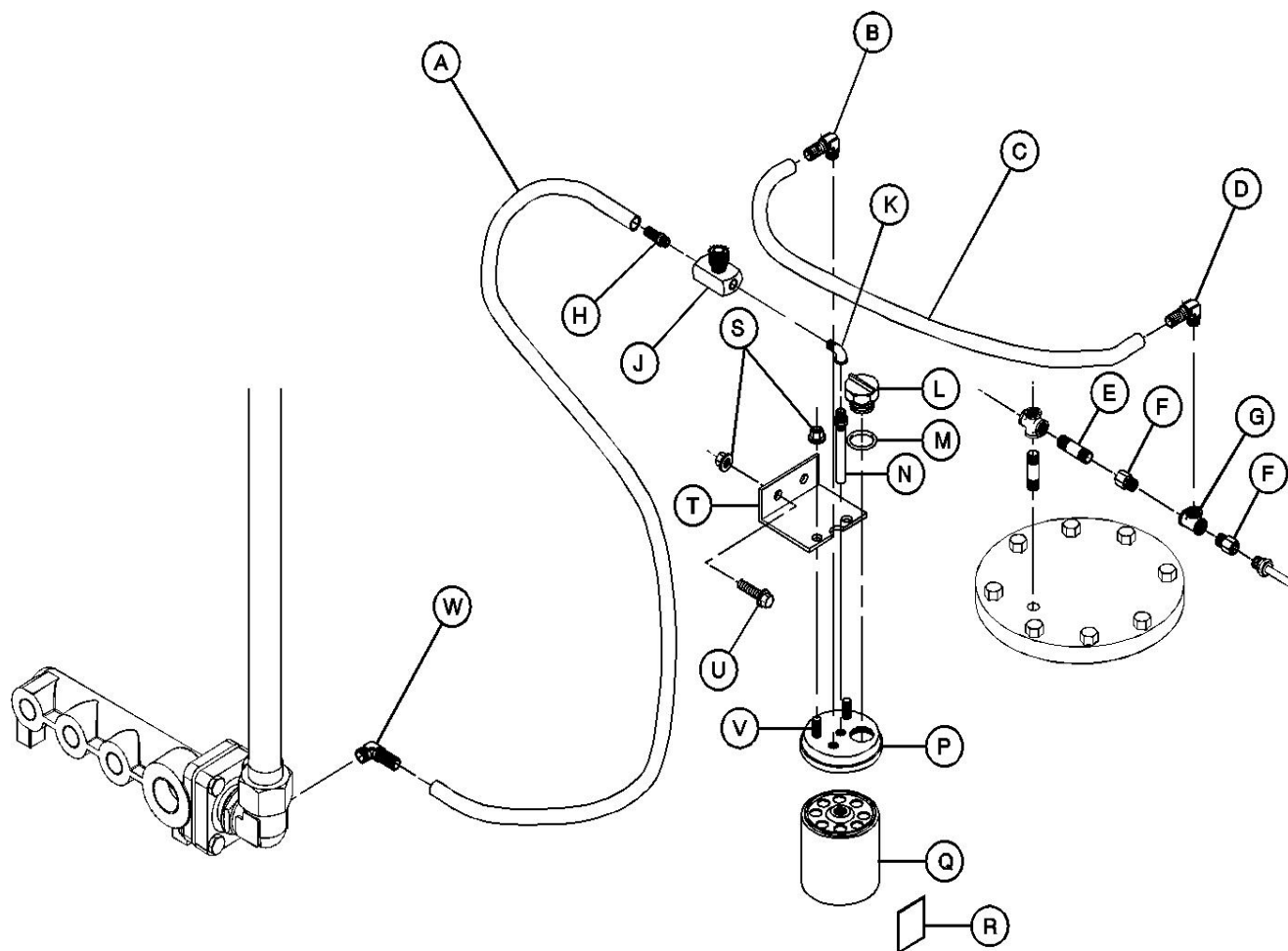
AIR LINE LUBRICATOR



23060270_eo30_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	92490358	Tube, 6mm Nylon	1.5M	Continued...
B	92823913	Elbow, 90° Swivel 1/4" BSPP X 10mm Tube	1	
C	92067982	Tube, 10mm Nylon	1.0M	
D	54403191	Elbow, 90° Swivel 1/4" BSPT X 10mm Tube	1	
E	95667341	Nipple, Closed 1/4" NPT X 7/8"	1	
F	54625702	Adapter, 1/4" BSPT X 1/4" NPT	2	
G	92354729	Tee, 1/4" BSPT	1	
H	92793173	Adapter, 1/8" BSPT X 6mm Tube	1	
J	92919554	Valve, Flow	1	
K	92185016	Elbow, 90° Male /Female 1/8" BSPT	1	

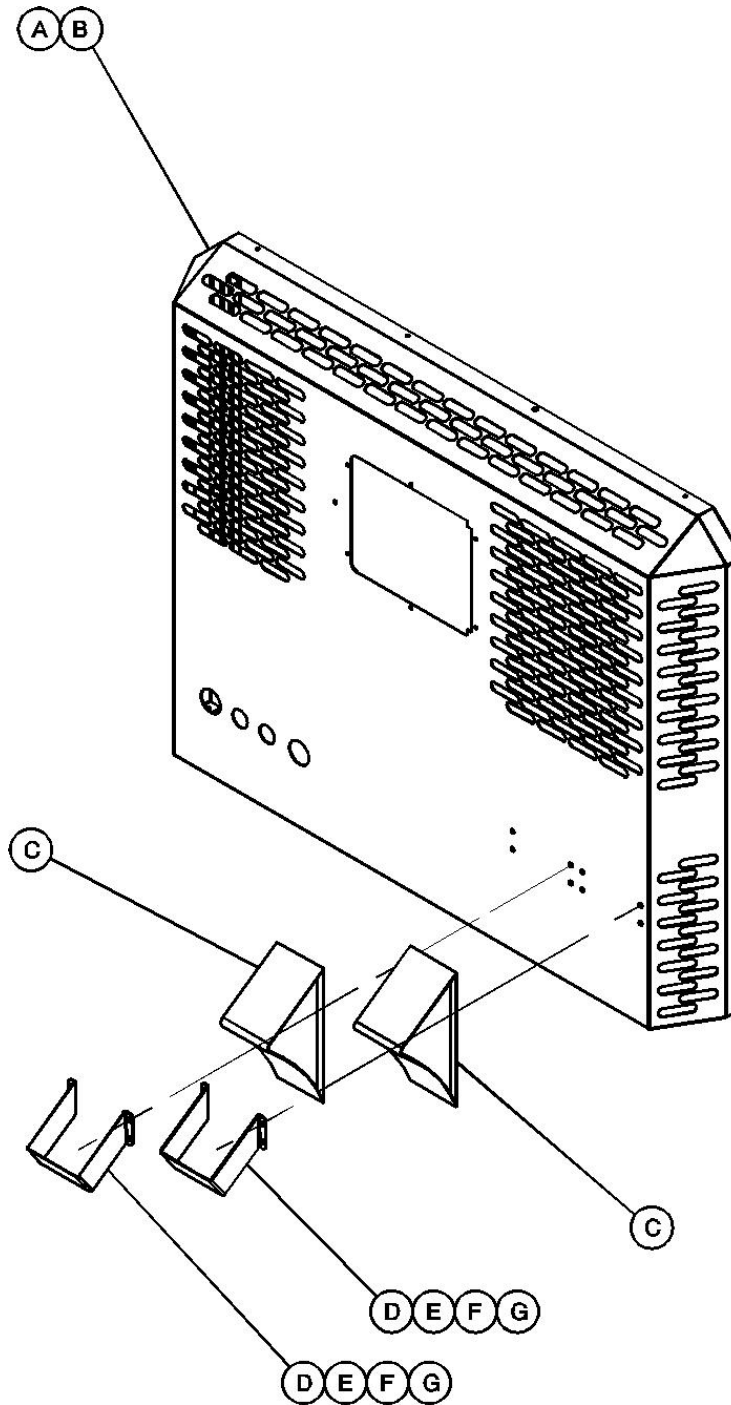
AIR LINE LUBRICATOR (cont'd)



23060270_eo30_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	92919810	Plug, Hollow 3/4" BSPP	1	
M	92290162	Seal, 3/4" Dowty	1	
N	92911288	Tube, Lubricator	1	
P	92919398	Head, Lubricator	1	
Q	92919380	Body, Lubricator	1	
R	93163897	Decal, Lubricator	1	
S	92473594	Nut, Hex Flange M10-1.5	4	
T	22321137	Bracket, Lubricator	1	
U	92472638	Screw, Hex Flange M10-1.5 X 20	2	
V	92896158	Screw, Countersunk Socket Head M10-1.5 X 30	2	
W	54403209	Elbow, 90° Swivel 1/8" BSPT X 6mm Tube	1	

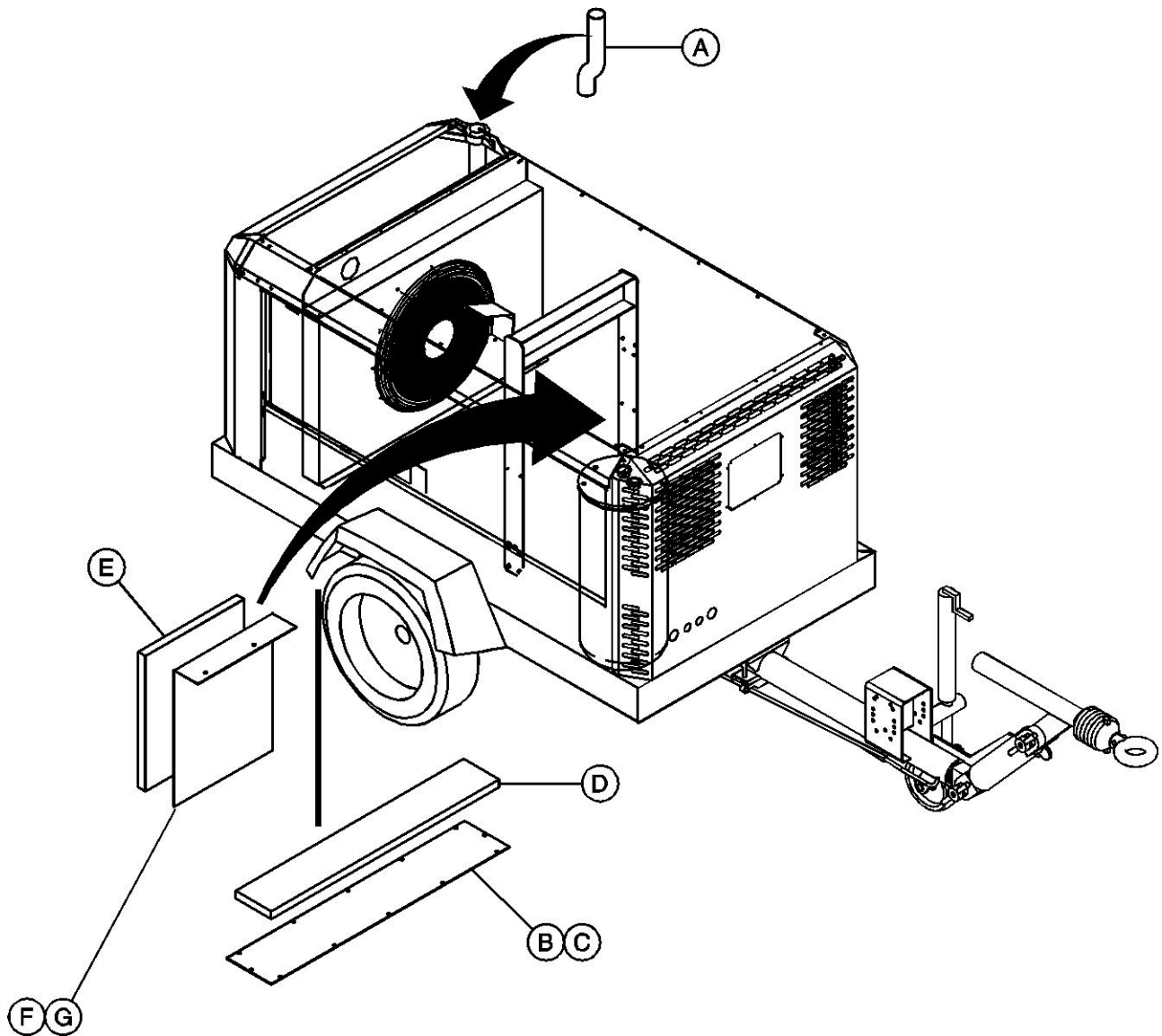
WHEEL CHOCKS



23060270_eo31_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22178750	Panel, Front End	1	
B	35279025	Screw, Tapping M08-1.25 X 20	2	
C	92899293	Chocks, Holder and Wheel	2	
D	96745211	Screw, Button Head Socket Cap M08-1.25 X 16	8	
E	96704671	Washer, M08 Flat	8	
F	96745229	Washer, M08 Lock	8	
G	96701370	Nut, Hex M08-1.25	8	

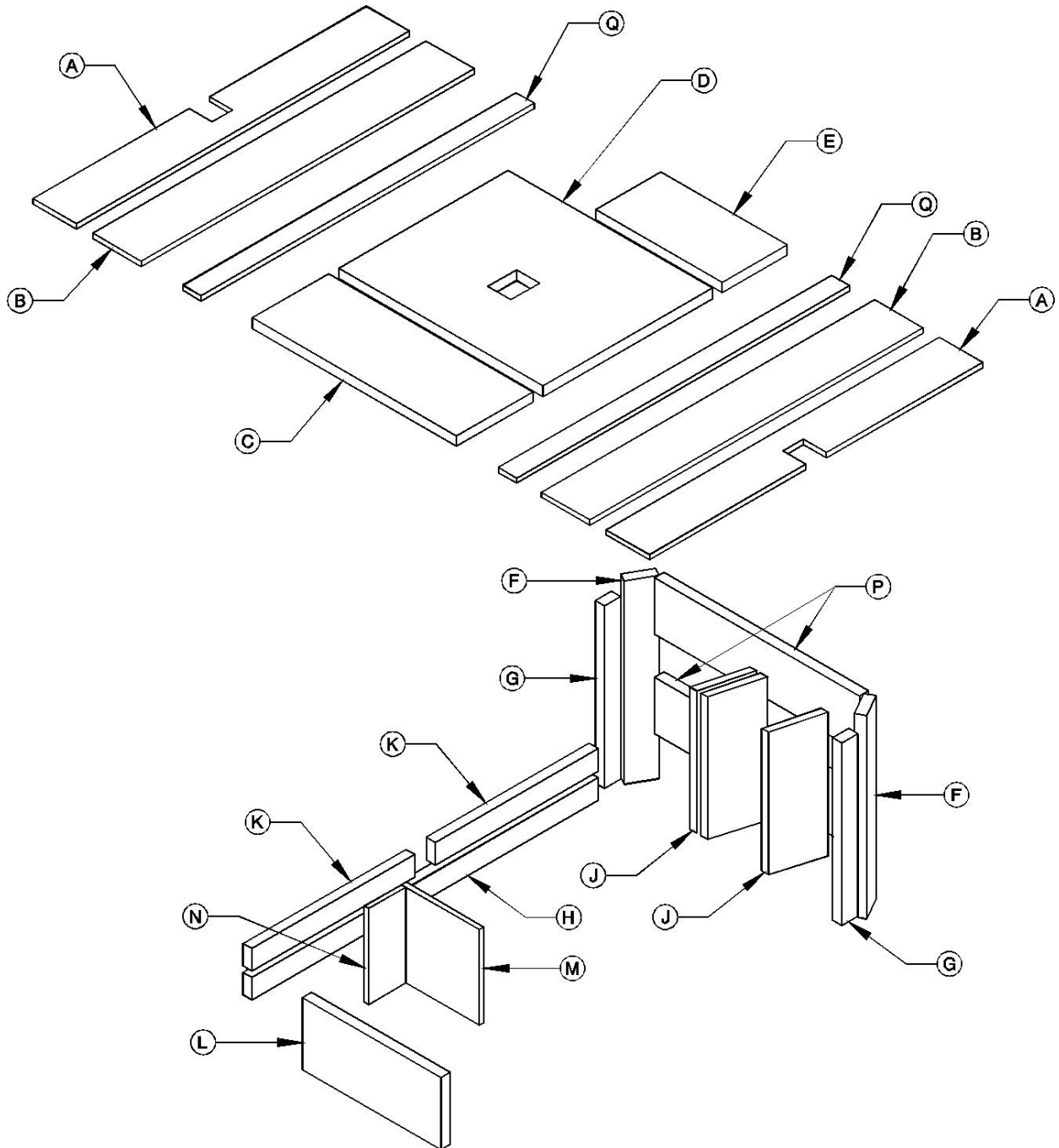
OND NOISE OPTION



23060270_eo33_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22743421	Pipe, Exhaust	1	
B	22745517	Pan, Cooler Belly	1	
C	35279025	Screw, Tapping M08-1.25 X 20	12	
D	22746127	Panel, ASCT Cooler Belly Pan	1	
E	22749757	Panel, ACST Separator Baffle	1	
F	22747398	Panel, Separator	1	
G	36797652	Screw, Tapping M06-1.0 X 12	2	

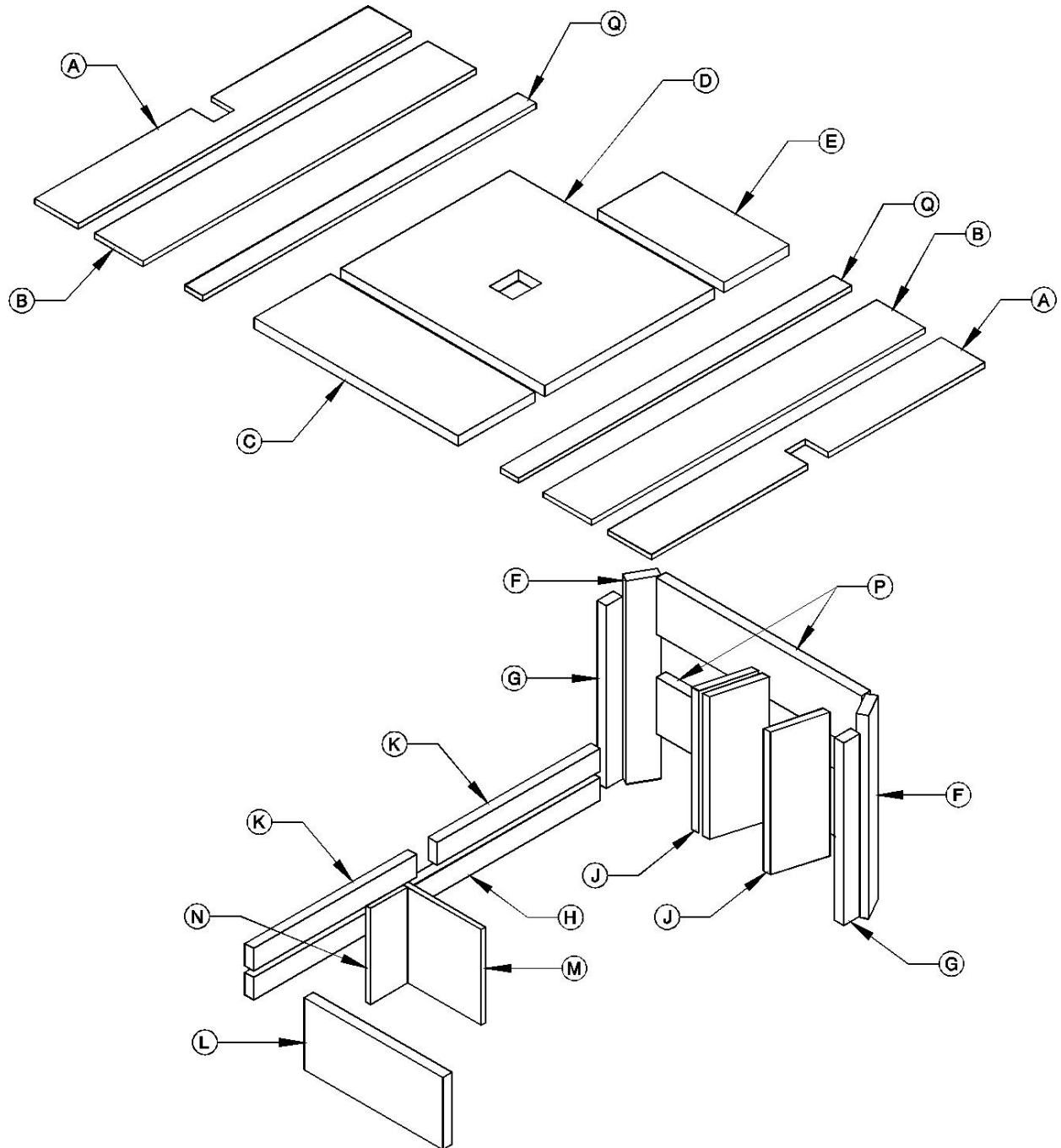
OND FOAM INSULATION OPTION



23060270_eo34_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22743447	Panel, ASCT Bottom Door	2	Continued...
B	22743470	Panel, ASCT Top Door	2	
C	54675053	Panel, ASCT Front Roof	1	
D	54675079	Panel, ASCT Middle Roof	1	
E	54675061	Panel, ASCT Rear Roof	1	
F	54674973	Panel, ASCT Rear Corner	2	
G	54746516	Panel, ASCT Rear Side	2	

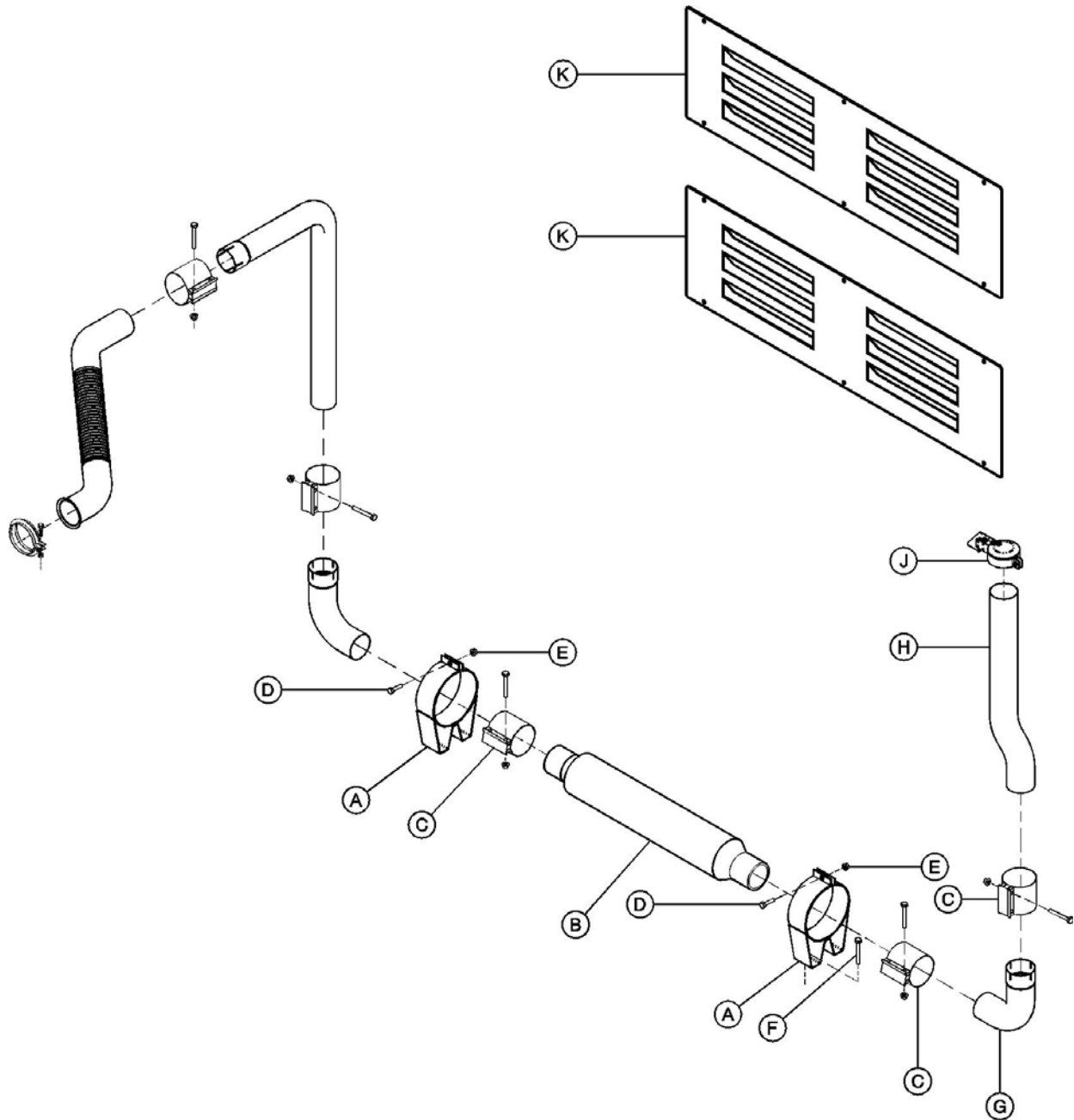
OND FOAM INSULATION OPTION (cont'd)



23060270_eo34_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	54770524	Panel, ASCT Lower Side	1	
J	54745518	Panel, ASCT Rear Splitter	4	
K	54770490	Panel, ASCT Top Lower Side	2	
L	54674916	Panel, ASCT Front End Cap	1	
M	22704504	Panel, ASCT Interior Baffle Front	1	
N	22704488	Panel, ASCT Interior Baffle Side	1	
P	54674957	Panel, ASCT Rear Top Access	2	
Q	22272322	Panel, ASCT Top Rail	2	

HA SPARK ARRESTOR



23060270_eo35_02/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22734479	Clamp, Spark Arrestor Base	2	
B	22470132	Spark Arrestor	1	
C	35293067	Clamp, Exhaust Seal	3	
D	96702659	Screw, Hex M08-1.25 X 25	2	
E	96735543	Nut, Hex M08-1.25	2	
F				
G	22447577	Elbow, 3.5" Tube	1	
H	22447486	Pipe, Exhaust	1	
J	36869337	Cap, Rain	1	
K	54760483	Panel, Louvered Access	2	

MISCELLANEOUS OPTIONS

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36794354	KEY LOCK (SIDE DOOR) Cylinder, Key Lock	2	
	35612746	Key, Replacement	AR	
	22875215	ANTISTATIC FUEL LINE Hose, Braided Fuel	1	
	22874523	ANTISTATIC BELT Belt, Antistatic	1	
	22127377	REMOVABLE IGNITION SWITCH KEY Switch, Key Start	1	
	22133995	Key, Start Switch	1	

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