



PARTS MANUAL

COMPRESSOR MODEL

7/120

9/110

10/105

14/85

CODE

B



This manual contains important safety information.

Do not destroy this manual.

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



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

Book 22666101 (07/05)

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 Company parts for your compressor.

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

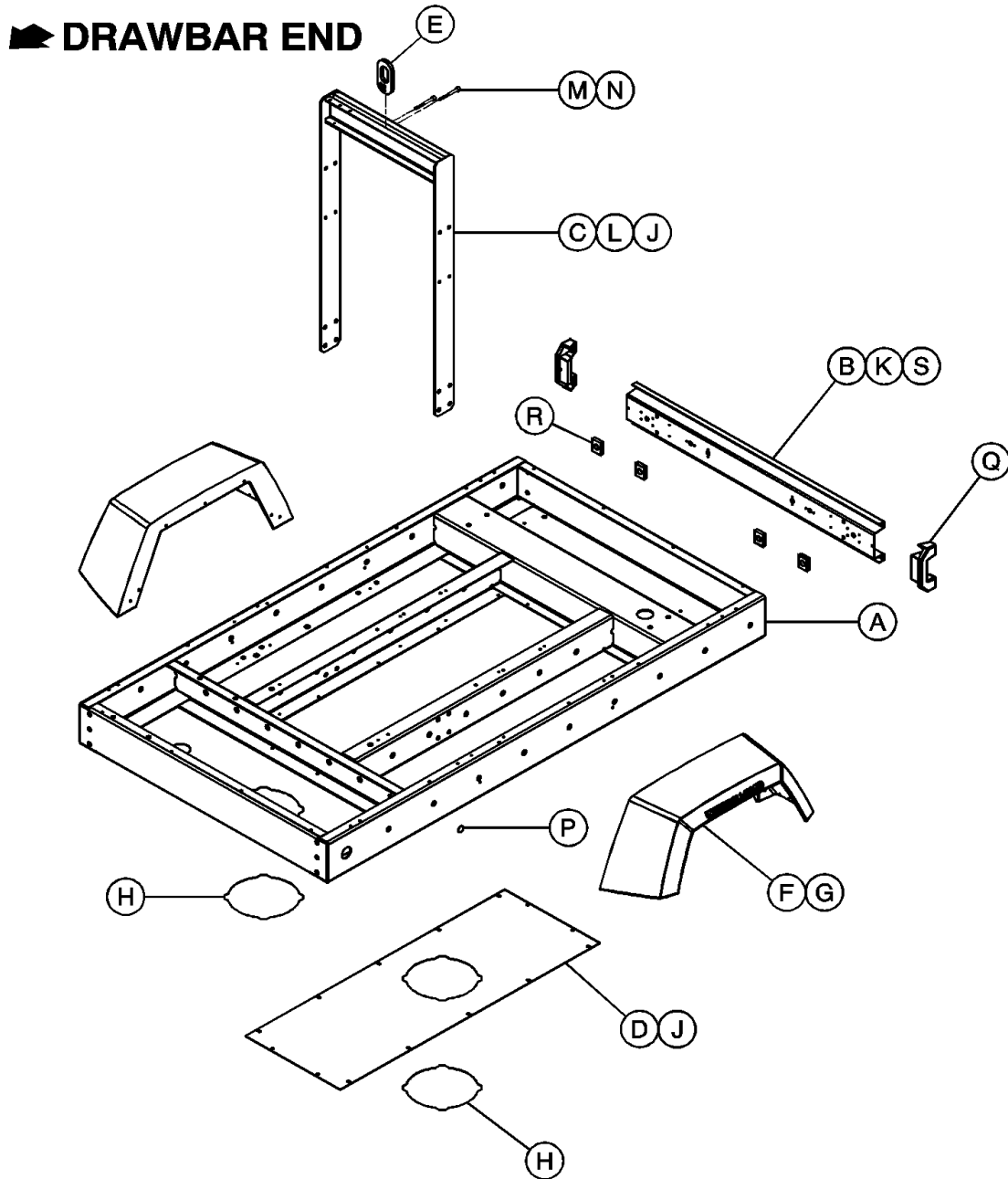
Always specify the model and serial number of the unit.

Specify the part number and description.

Section B - COMPRESSOR PARTS



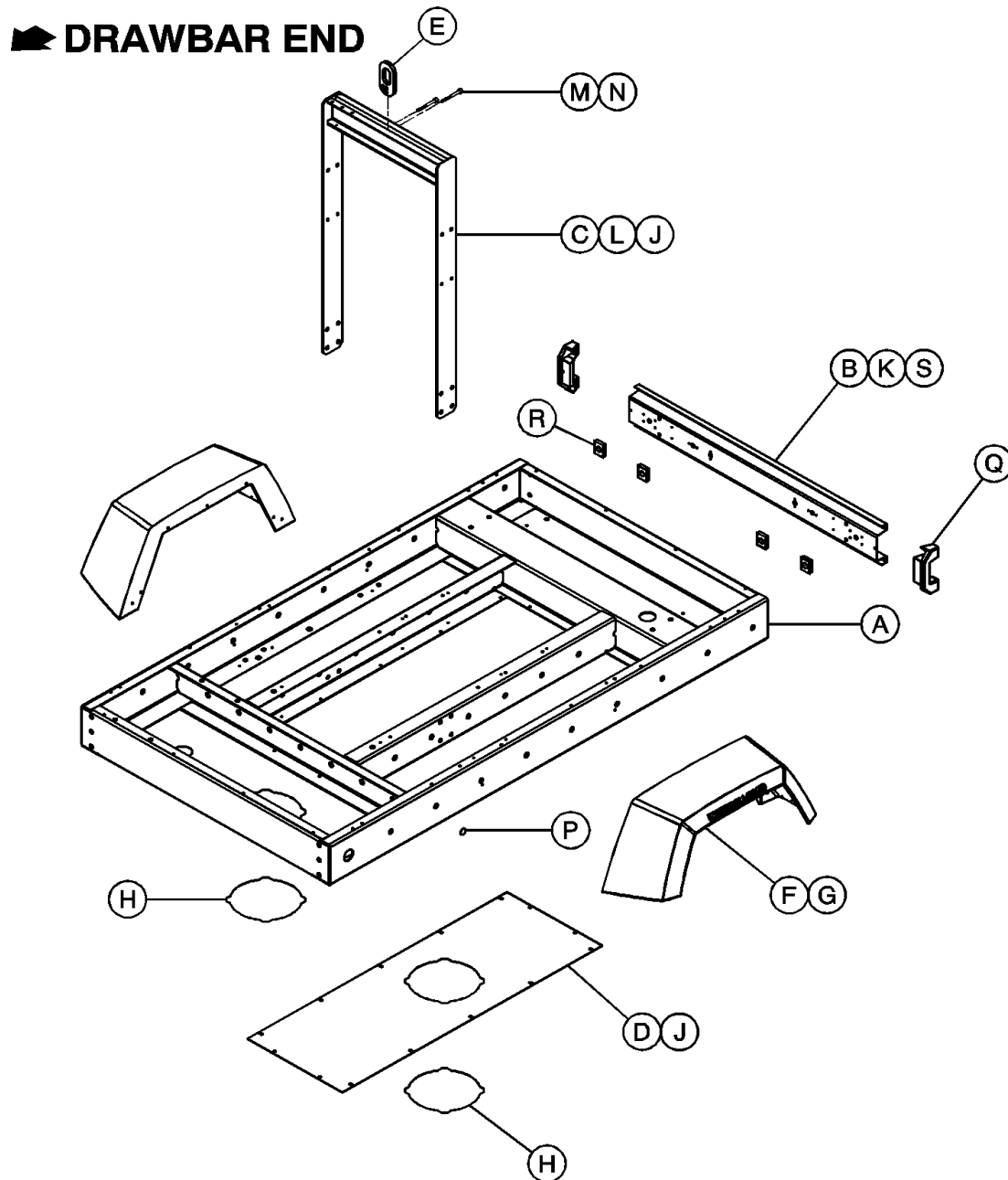
FRAME ASSEMBLY



22666101_01_07/05_B

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	2	
G	92368687	SCREW, T	10	
H	36880623	COVER, FLEXABLE	2	
J	35279025	SCREW, TAPPING M08-1.25 X 20	18	

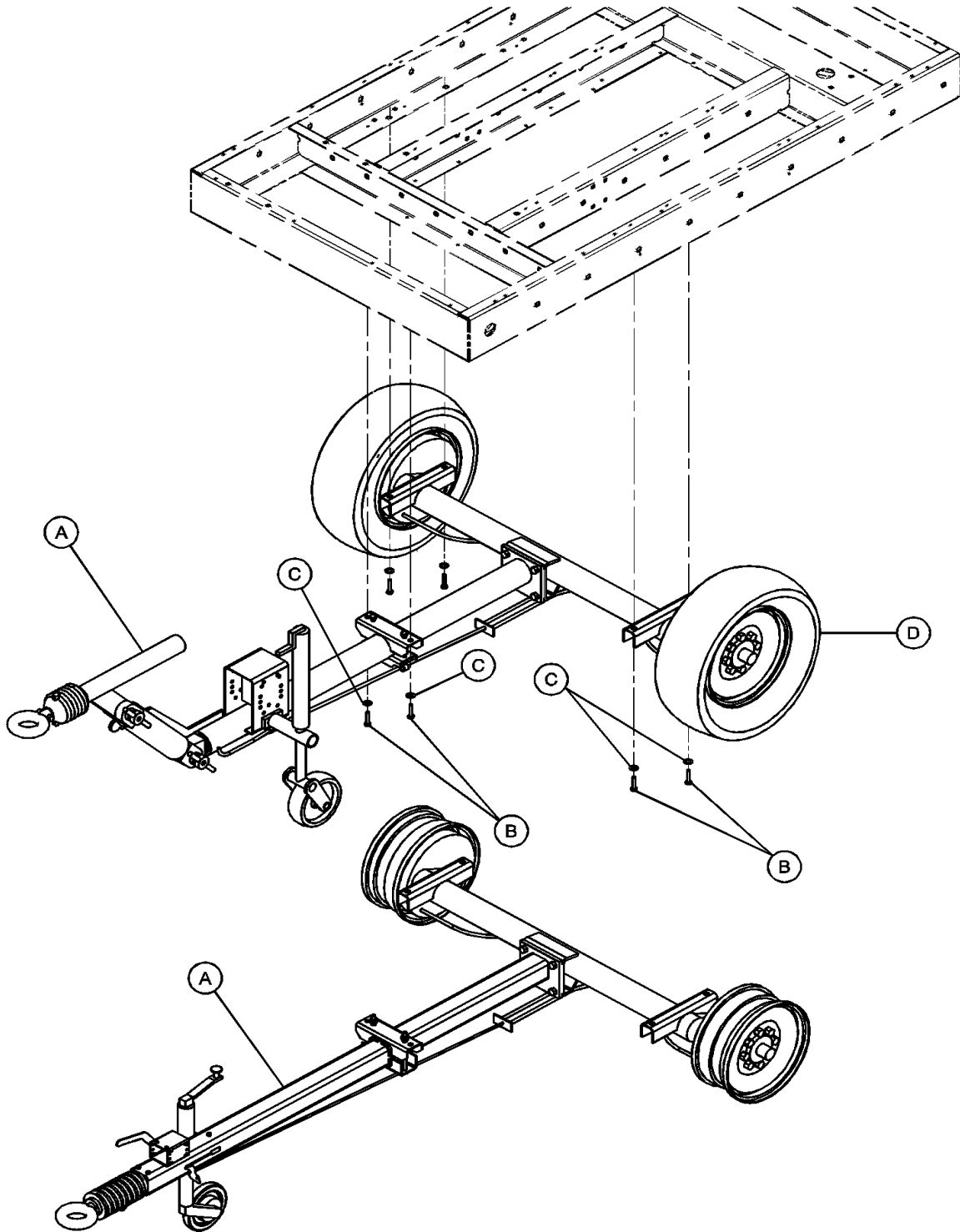
FRAME ASSEMBLY (cont'd)
FRAME ASSEMBLY (cont'd)



22666101_01_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35323021	SCREW, SOCKET HD M12-1.75 X 30	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	4	
P	54772041	PLUG, SNAP-IN-HOLE	11	
Q	54614870	STOP, BUMPER END	2	
R	22539357	SPACER, BUMPER	4	
S	95935003	WASHER, FLAT	4	

DRAWBAR COMPLETE

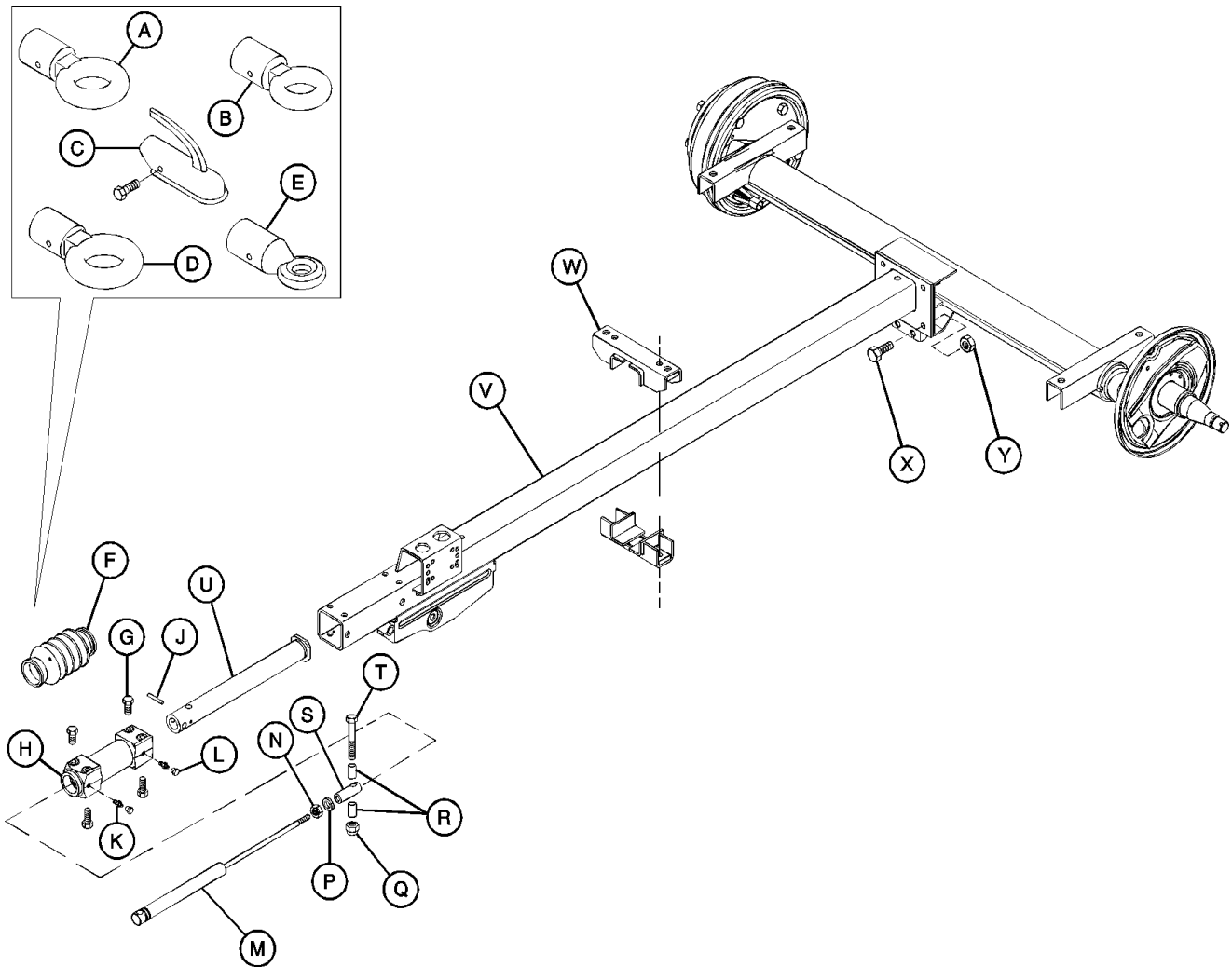


22666101_02_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54732508	RUNNING GEAR, FIXED HEIGHT	1	
	54625330	RUNNING GEAR, VARIABLE HEIGHT	1	
B	35375591	SCREW, HEX M16-2.0 X 30	6	
C	95935052	WASHER, FKAT M16	6	
D	22186449	TIRE ASSEMBLY	2	

FIXED HEIGHT RUNNING GEAR DRAWBAR

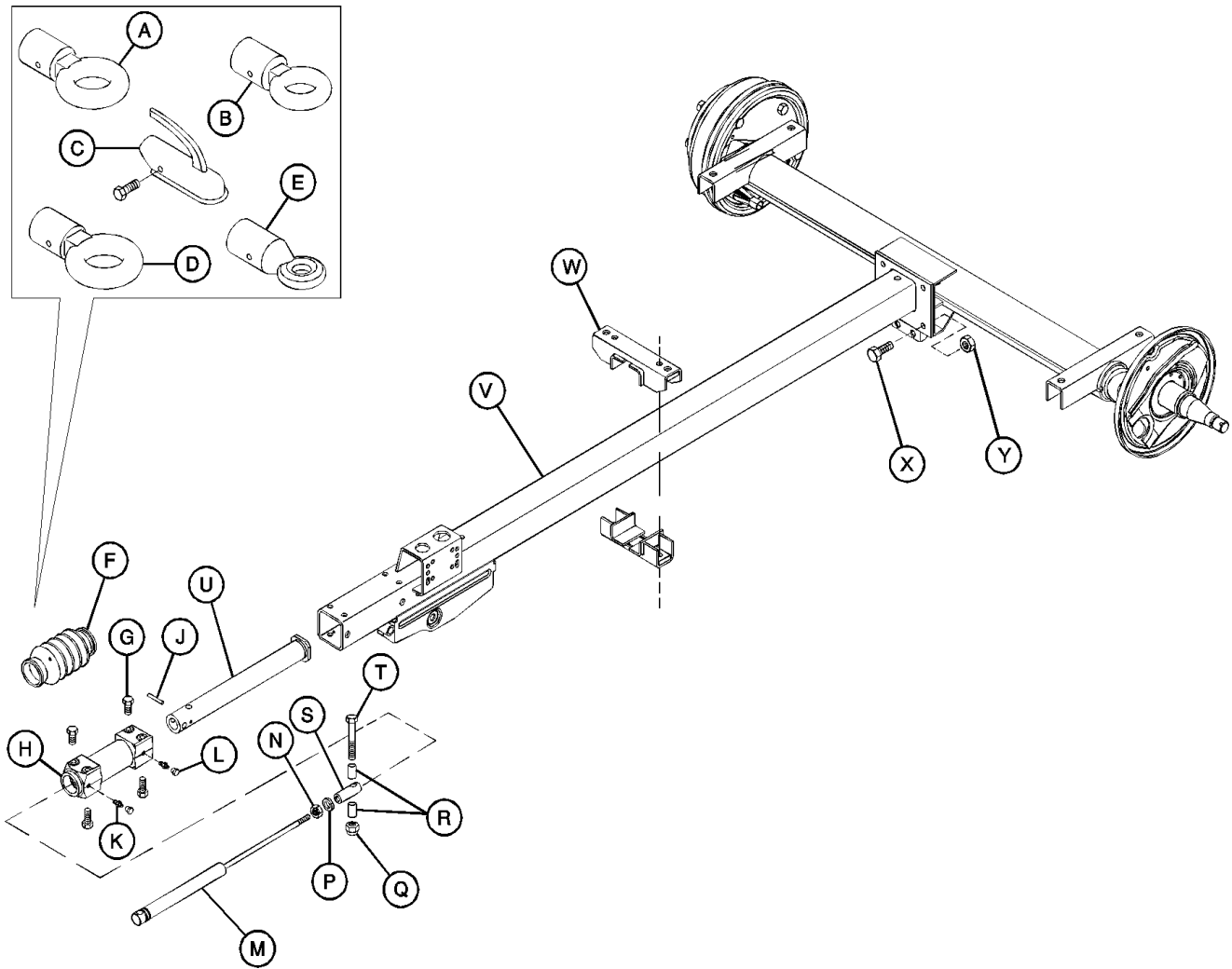
FIXED HEIGHT RUNNING GEAR DRAWBAR



22666101_03_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22097823	PINTEL EYE, 68 mm	1	
B	22177687	PINTEL EYE, 50 mm	1	
C	22177554	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	

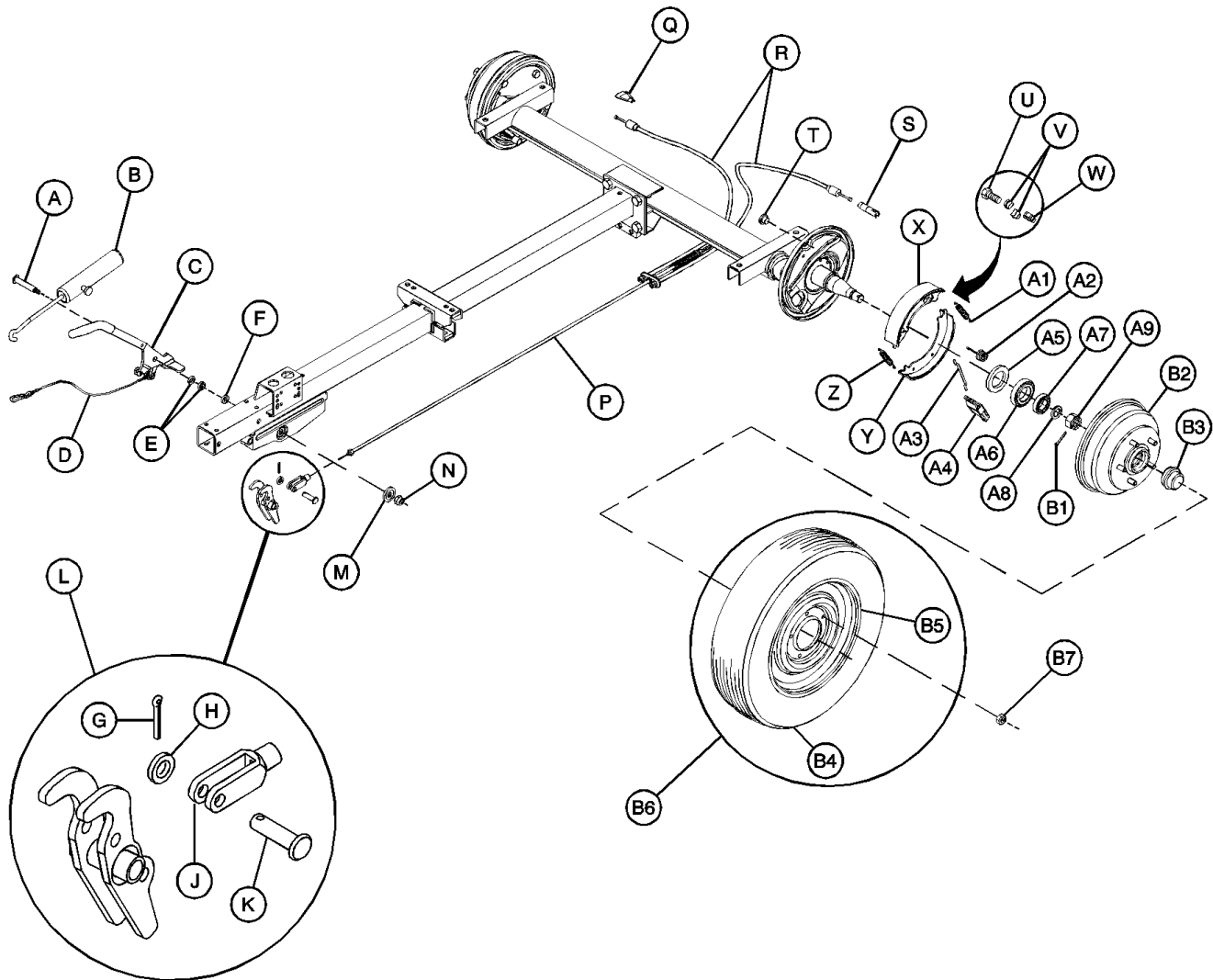
FIXED HEIGHT RUNNING GEAR DRAWBAR (cont'd)



22666101_03_07/05_B

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	33360568	DRAWBAR	1	
W	22250567	CLAMP	1	
X	22251516	SCREW	4	
Y	22251540	NUT	4	

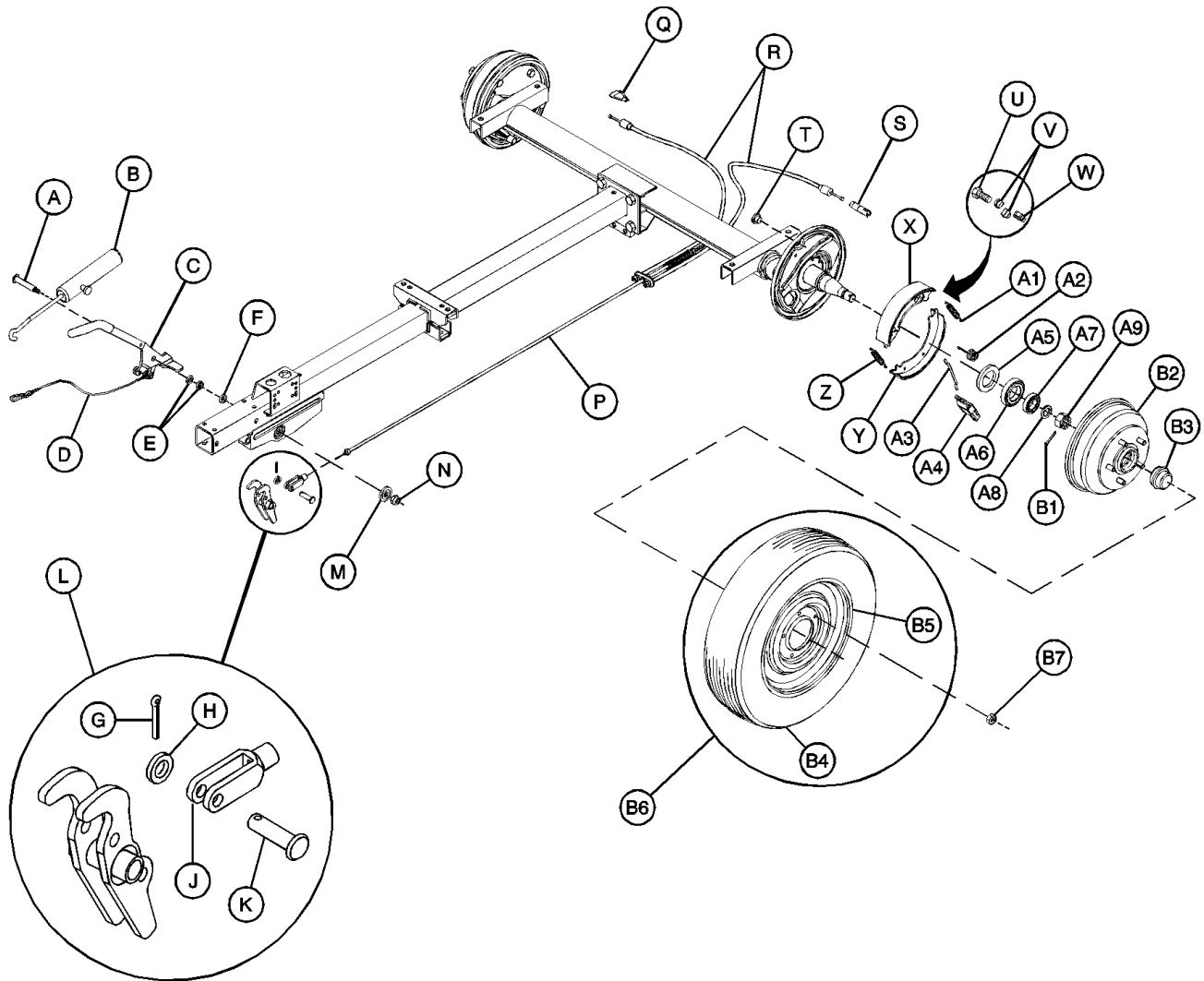
FIXED HEIGHT RUNNING GEAR BRAKES
FIXED HEIGHT RUNNING GEAR BRAKES



22666101_04_07/05_B

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	
P	22250773	COMPENSATOR	1	

FIXED HEIGHT RUNNING GEAR BRAKES (cont'd)

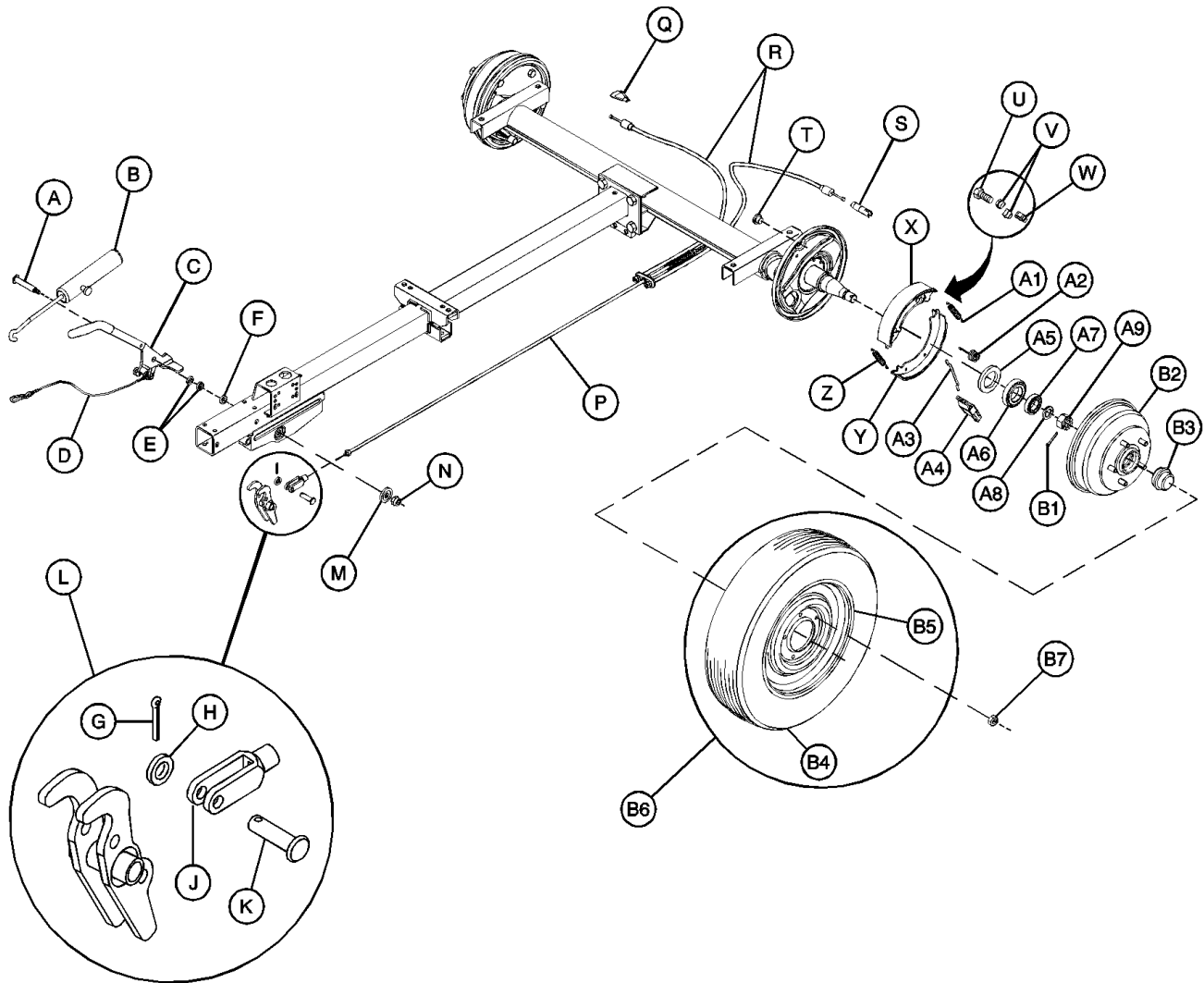


22666101_04_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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)

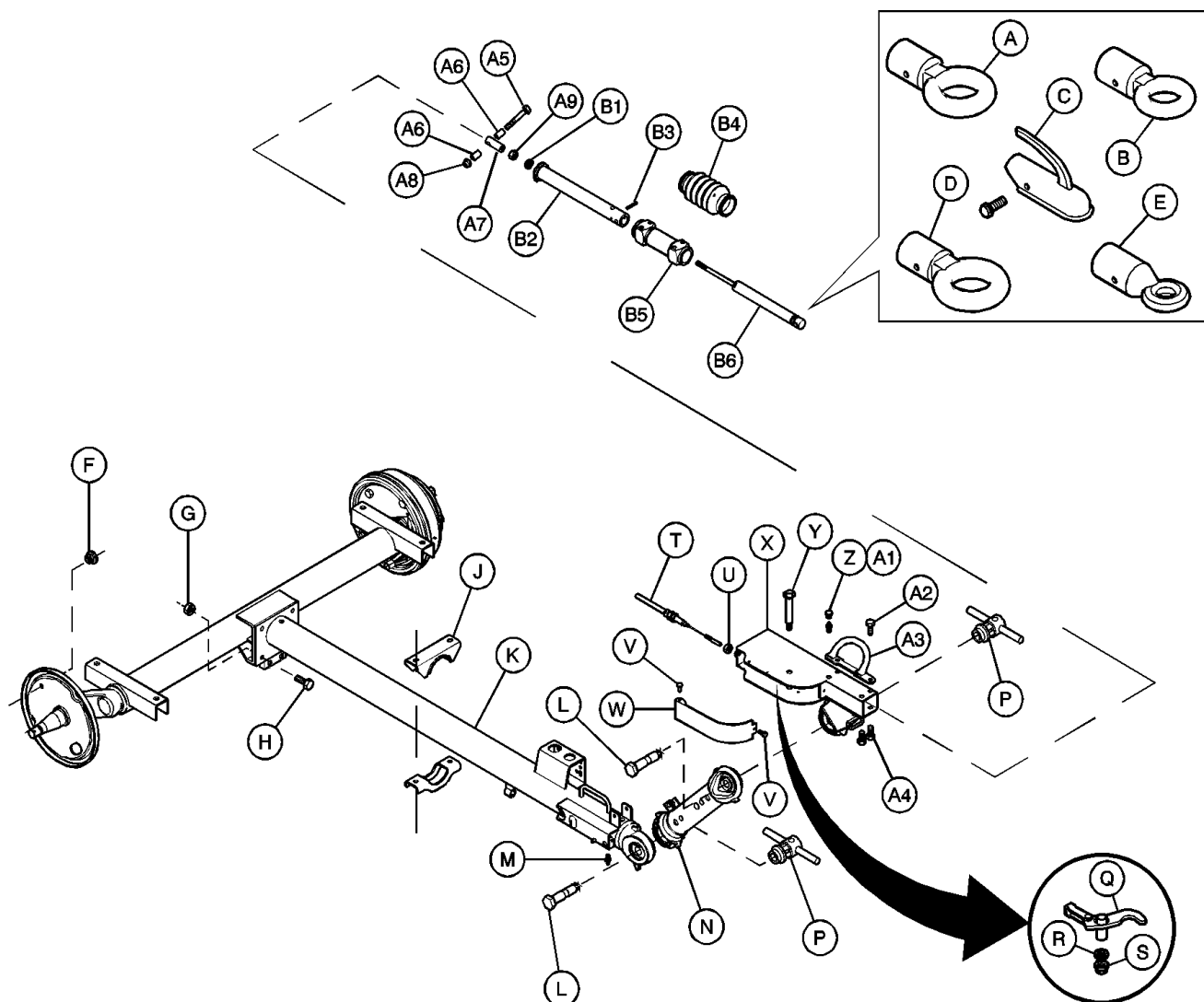
FIXED HEIGHT RUNNING GEAR BRAKES (cont'd)



22666101_04_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A4	22250972	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 & WHEEL ASSEMBLY	2	
B7	22251011	NUT	10	

VARIABLE HEIGHT RUNNING GEAR DRAWBAR

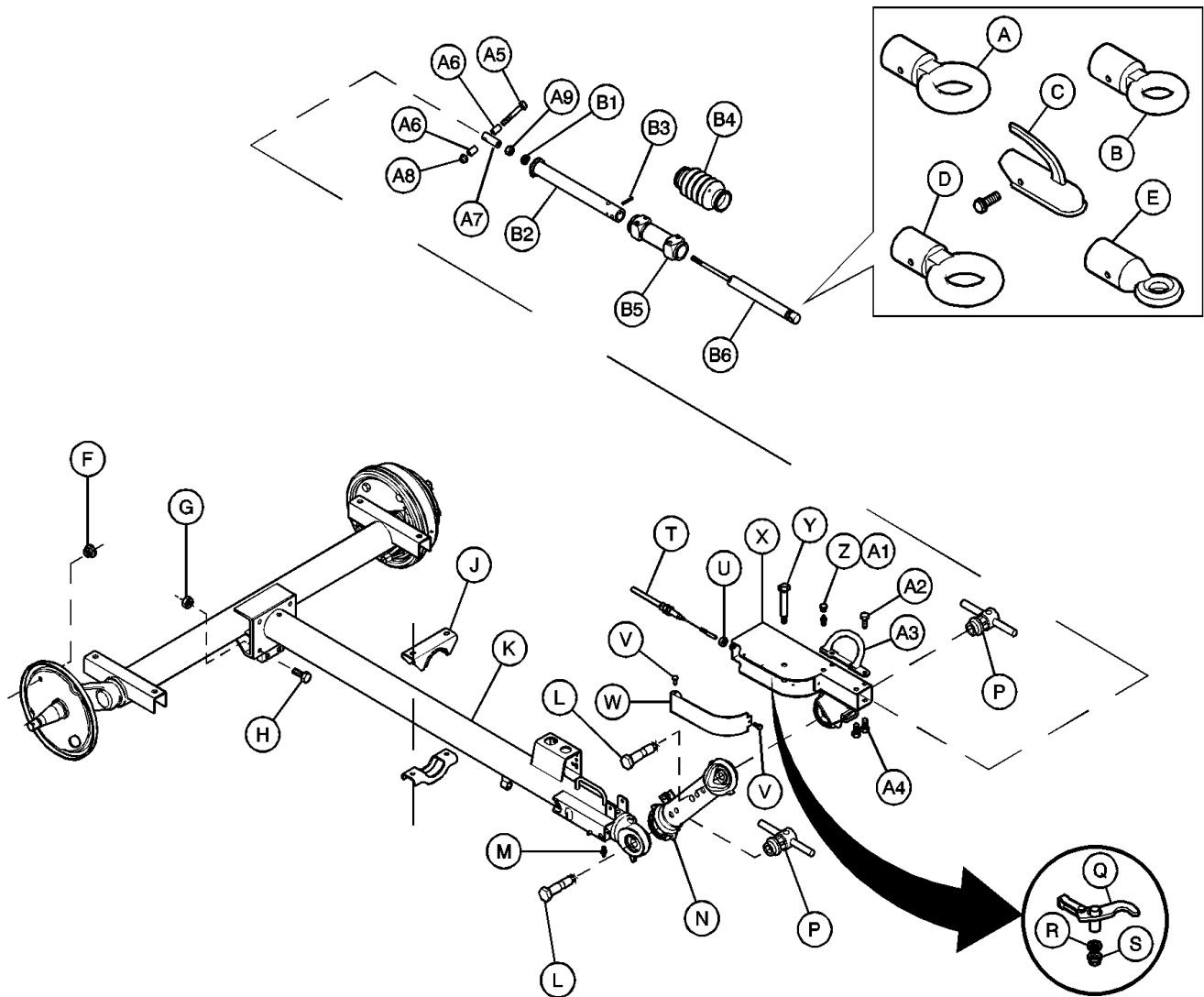


22666101_05_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22097823	PINTEL EYE, 68 mm	1	
B	22177687	PINTEL EYE, 50 mm	1	
C	22177554	COUPLER, BALL	1	
D	22177620	PINTEL EYE, 76 mm	1	
E	22177588	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)

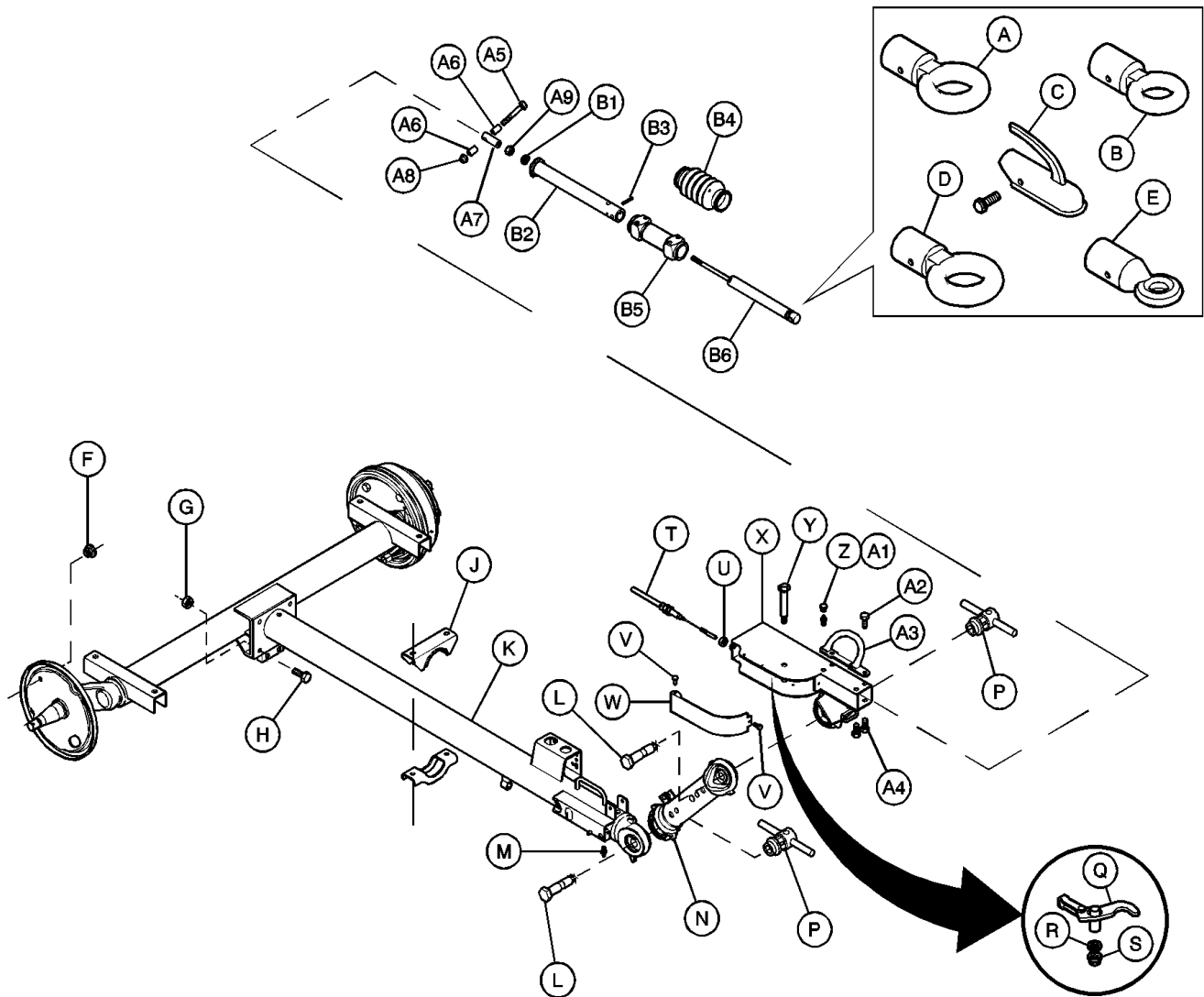
VARIABLE HEIGHT RUNNING GEAR DRAWBAR (cont'd)



22666101_05_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	222512501	HANDLE	2	
Q	22066914	LEVER	1	
R	22251342	WASHER	1	
S	22051494	LOCKNUT	1	
T	22251268	CABLE, BRAKE	1	
U	22051577	NUT	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	BOLT	2	

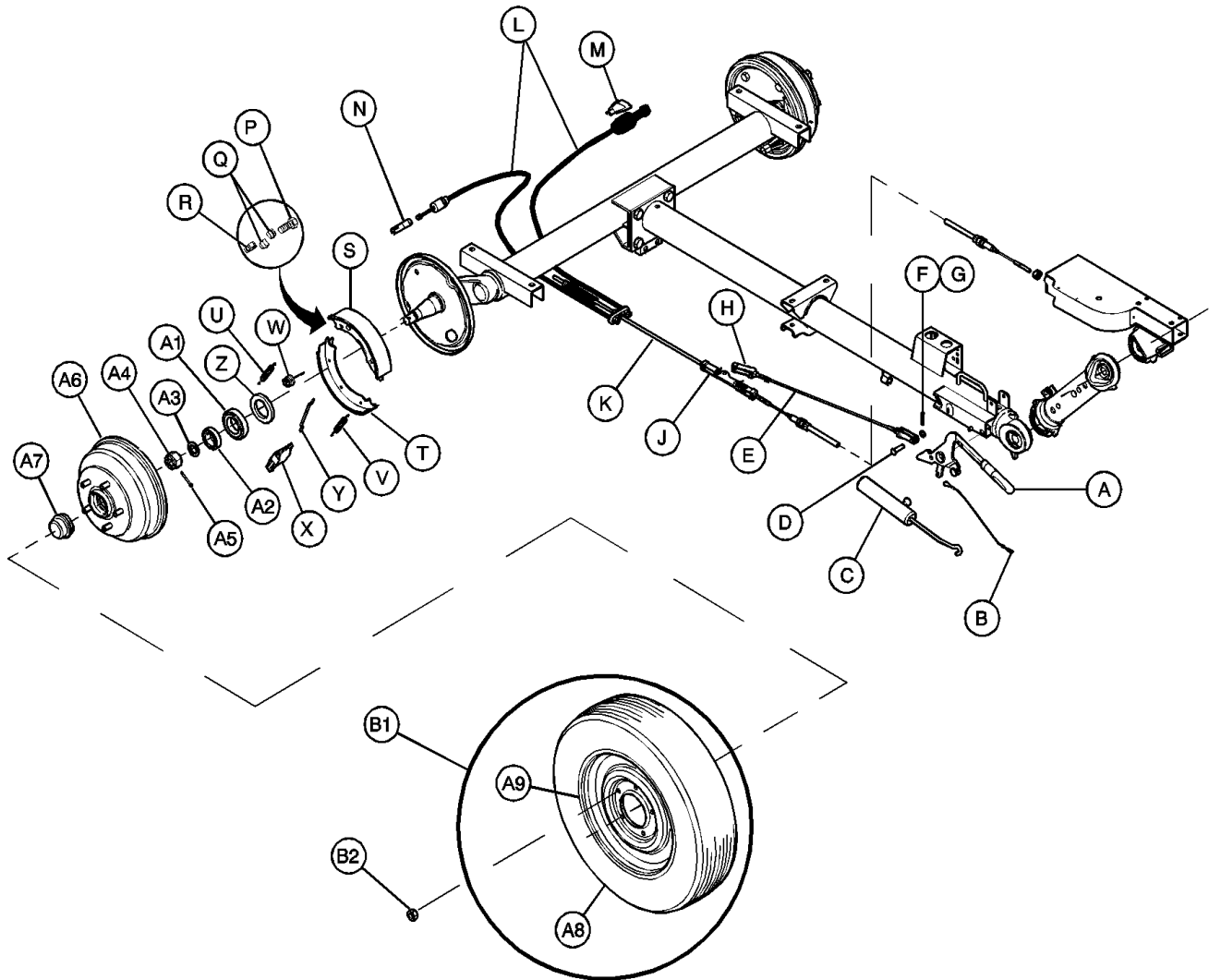
VARIABLE HEIGHT RUNNING GEAR DRAWBAR (cont'd)



22666101_05_07/05_B

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	

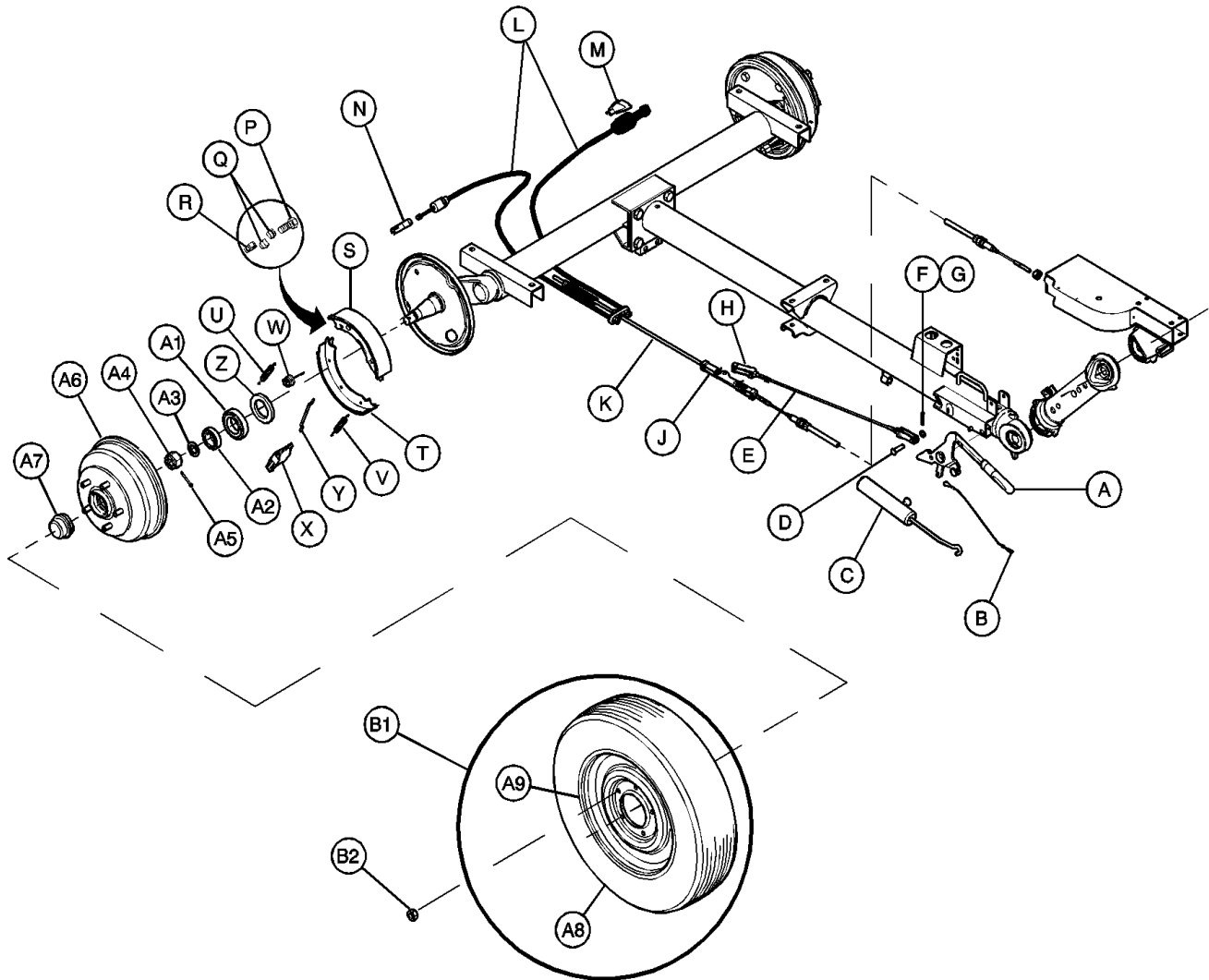
VARIABLE HEIGHT RUNNING GEAR BRAKES
VARIABLE HEIGHT RUNNING GEAR BRAKES



22666101_06_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22066823	LEVER, HANDBRAKE	1	
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)

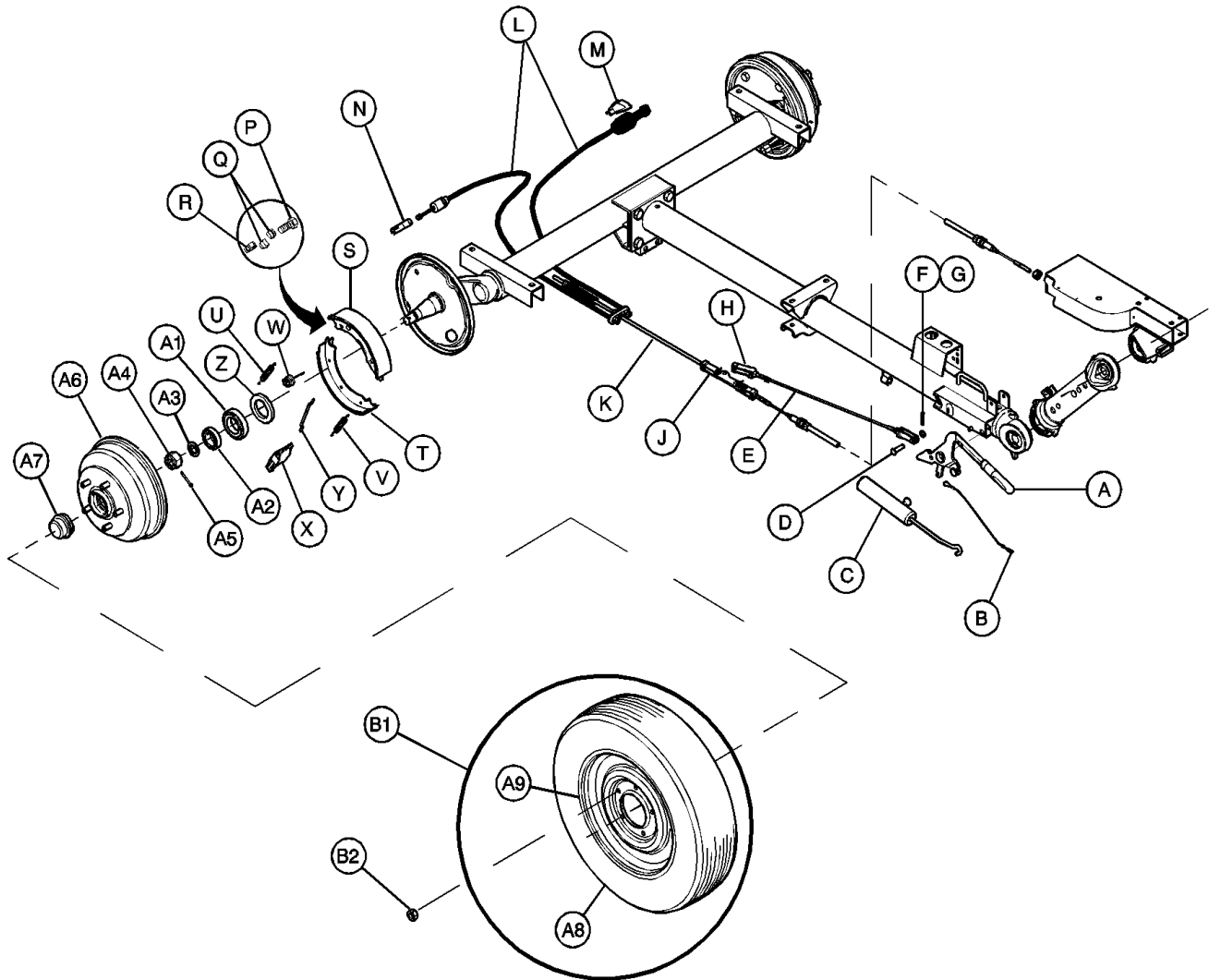


22666101_06_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22250922	EYE	2	
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	22250377	SPRING, LOWER	2	
V	22250377	SPRING, LOWER	2	
W	22250963	SPRING	2	
X	22250972	LEVER	2	
Y	22250849	ROD	2	
Z	22250831	SPACER	2	

VARIABLE HEIGHT RUNNING GEAR BRAKES (cont'd)

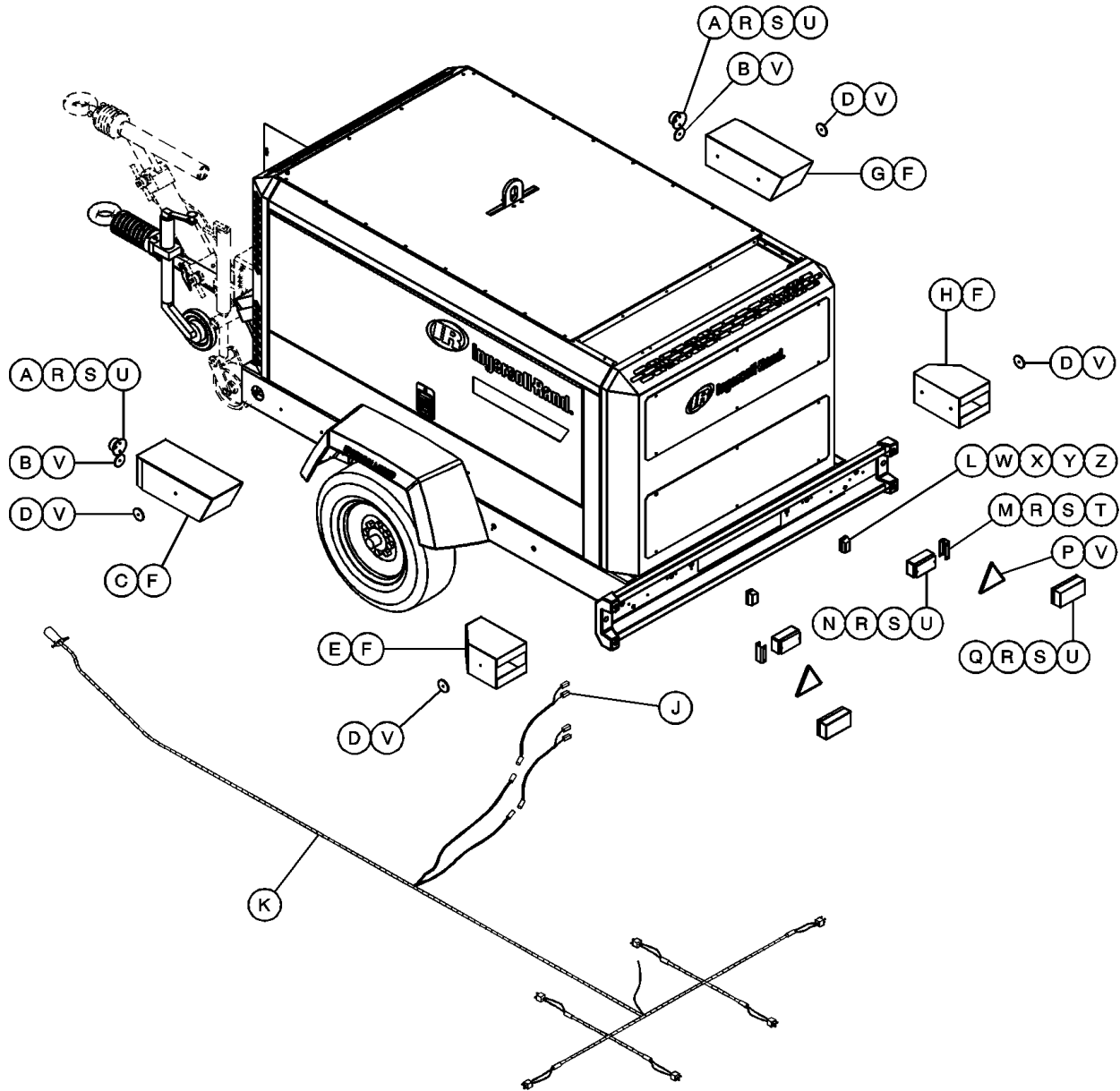
VARIABLE HEIGHT RUNNING GEAR BRAKES (cont'd)



22666101_06_07/05_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 & WHEEL ASSEMBLY	2	
B2	22251011	NUT	10	

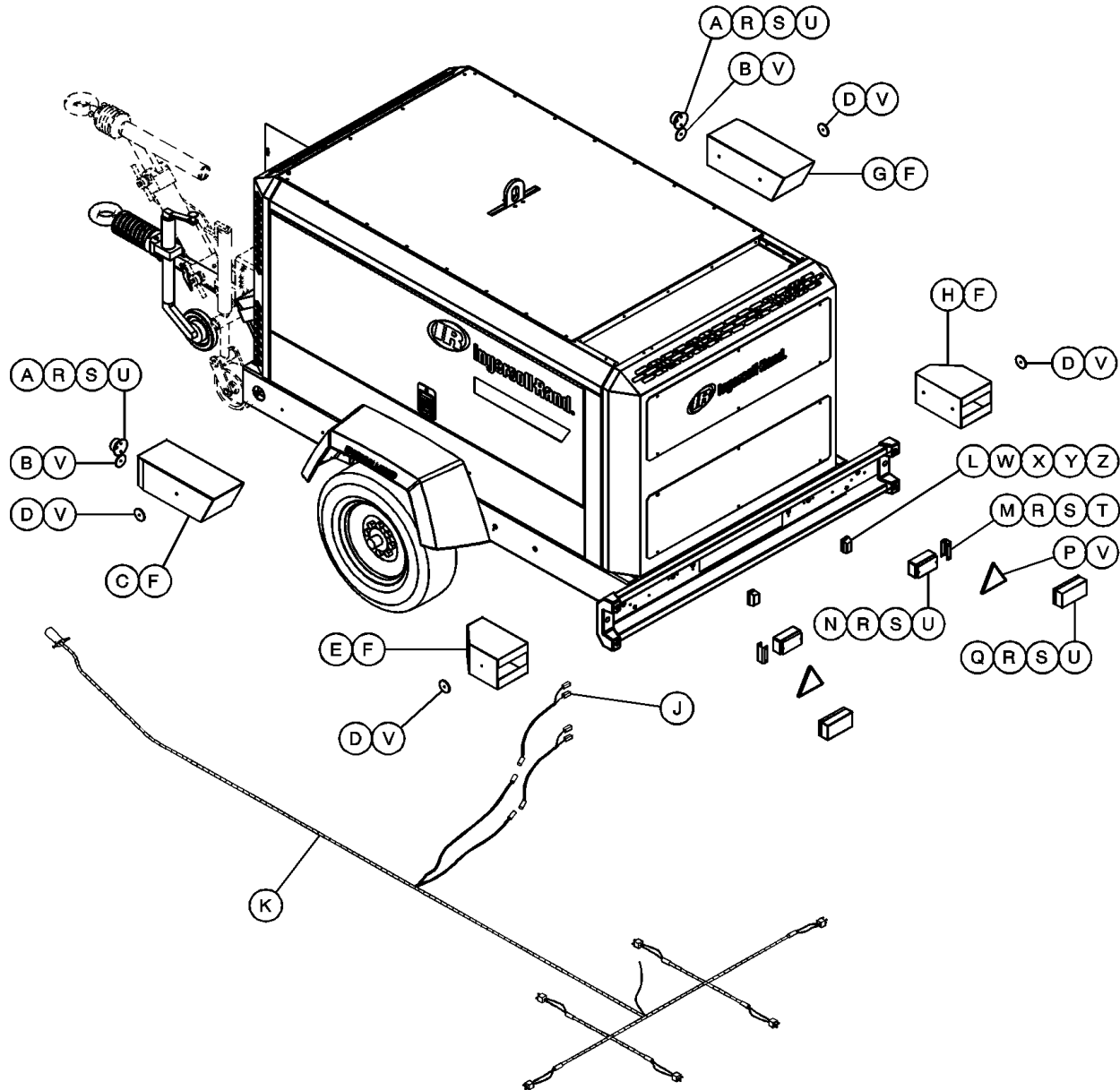
BRAKE LIGHT WIRING



22666101_07_07/05_B

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

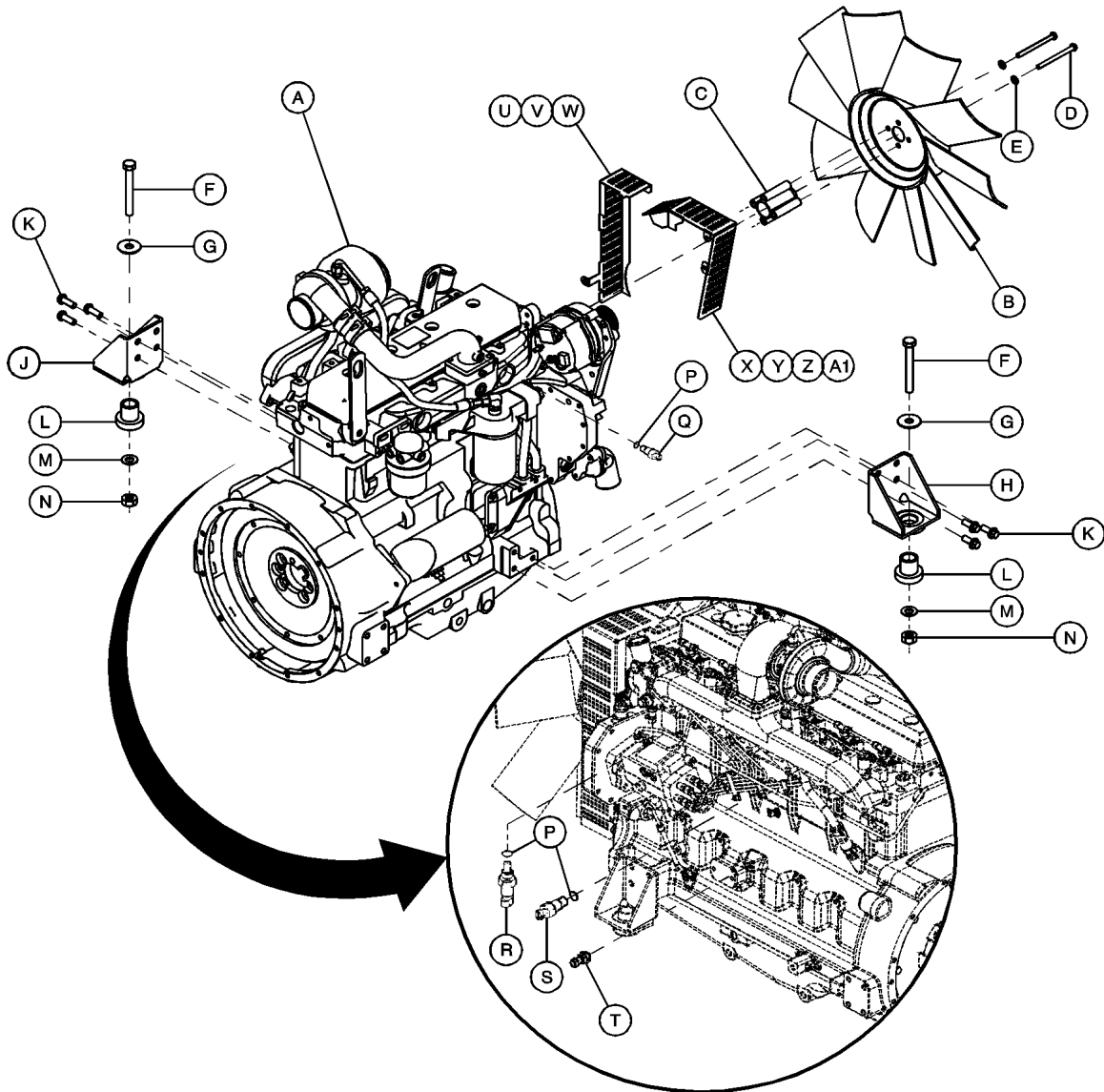
BRAKE LIGHT WIRING (cont'd)
BRAKE LIGHT WIRING (cont'd)



22666101_07_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	93477388	LAMP, REAR FOG	2	Included w/ Bumper Asm
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 SOC 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 FLAT	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

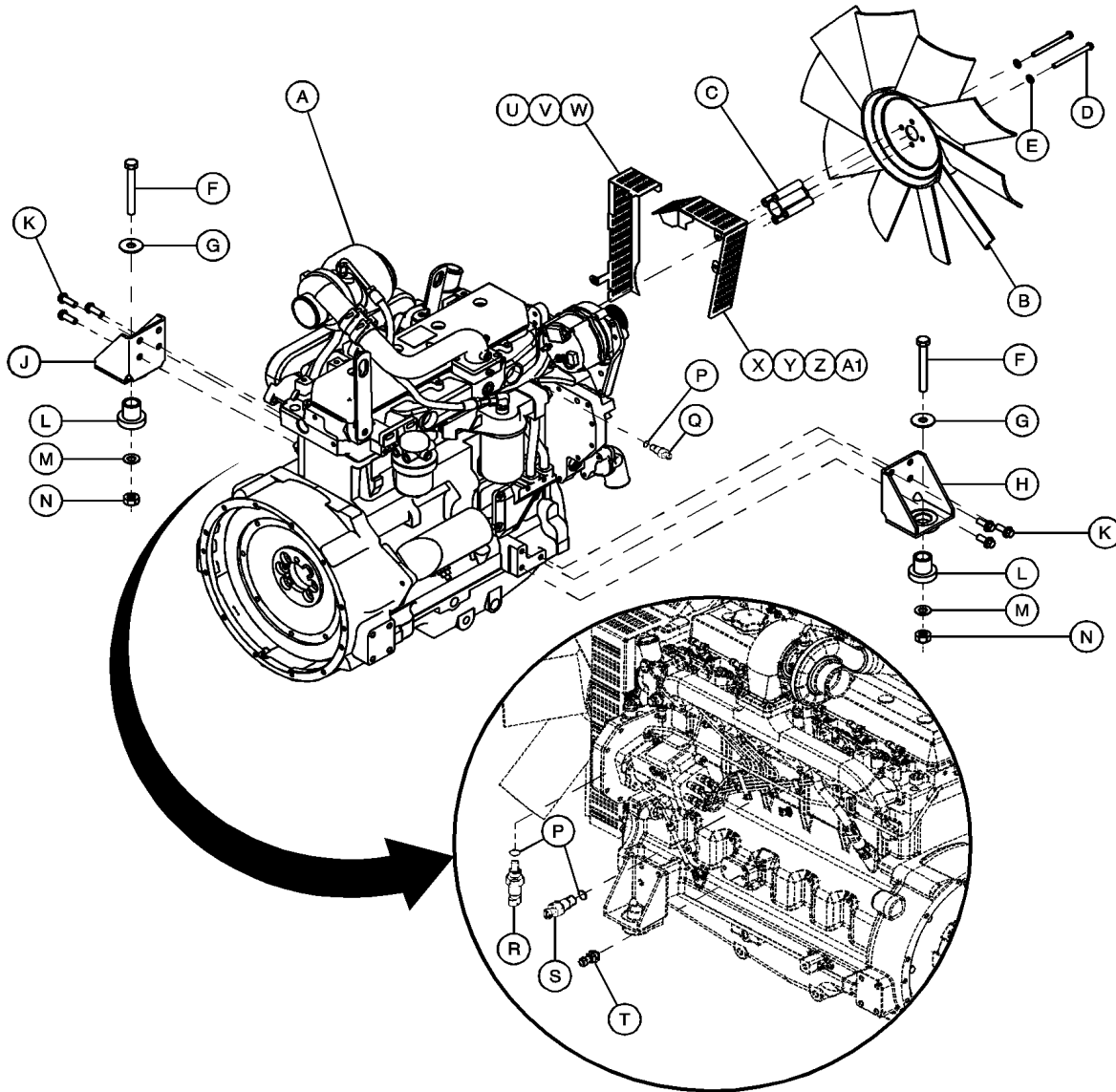
ENGINE COMPLETE



22666101_08_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22206015	ENGINE	1	
B	54731468	FAN	1	
C	54749056	SPACER, FAN	1	
D	96726435	SCREW, HEX M08-1.25 X 100	4	
E	96701396	WASHER, FLAT M08	4	
F	96701503	SCREW, HEX M16-2.0 X 90	2	
G	35327212	WASHER, SNUBBER	2	
H	54756739	MOUNT, STSD ENGINE	1	
J	54756507	MOUNT, CRBSD ENGINE	1	
K	36888055	SCREW, HEX FLANGE M12-1.75 X 30	6	
L	54756697	ISOLATOR, CENTER BOND	2	
M	95935052	WASHER, FLAT	2	
N	96704630	NUT, NYLOC M16-2.0	2	
P	85470607	O-RING, 11.30 X 2.20 mm	3	

ENGINE COMPLETE (cont'd)
ENGINE COMPLETE (cont'd)

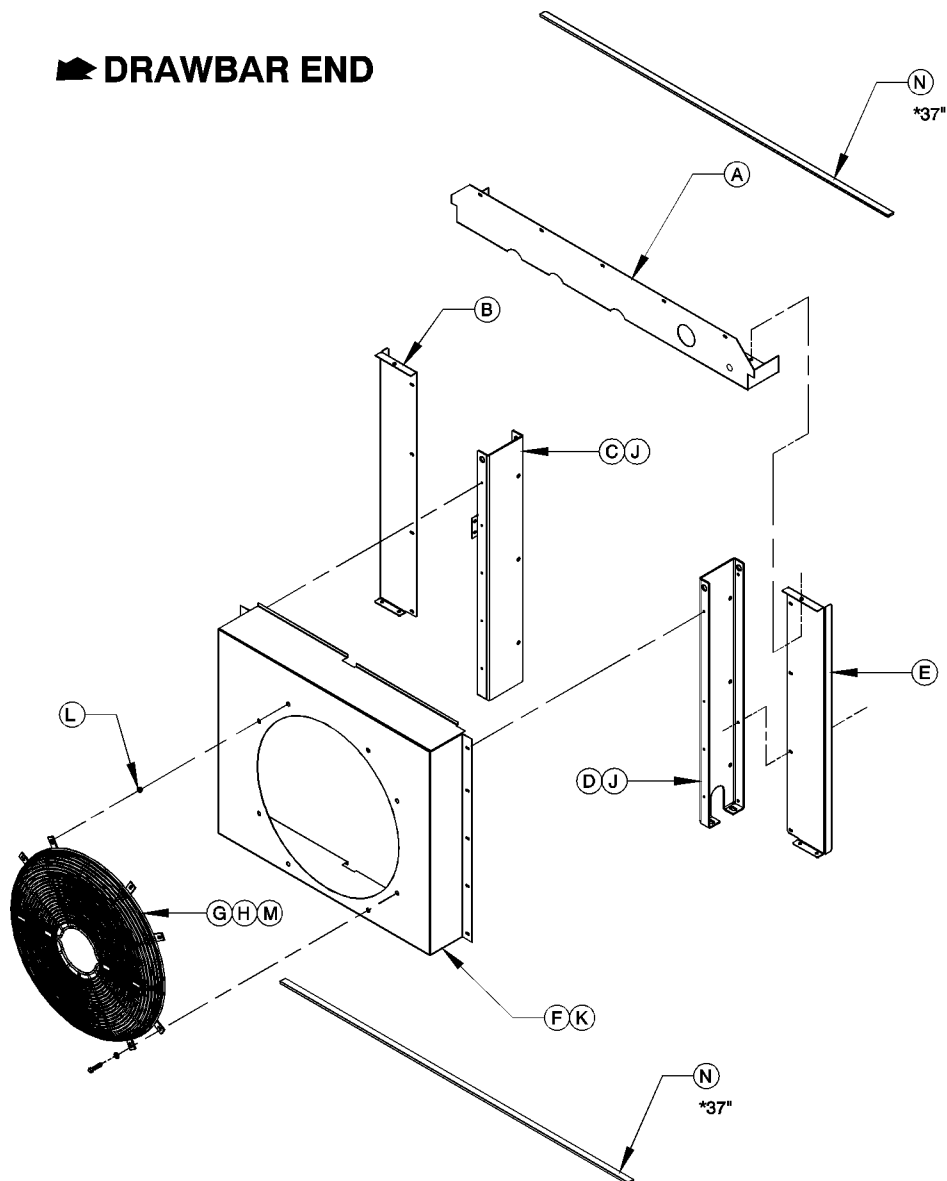


22666101_08_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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	
U	22252951	GUARD, BELT	1	
V	96703186	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	
	22206197	ELEMENT, FUEL FILTER	AR	

FAN SHROUD

➡ **DRAWBAR END**

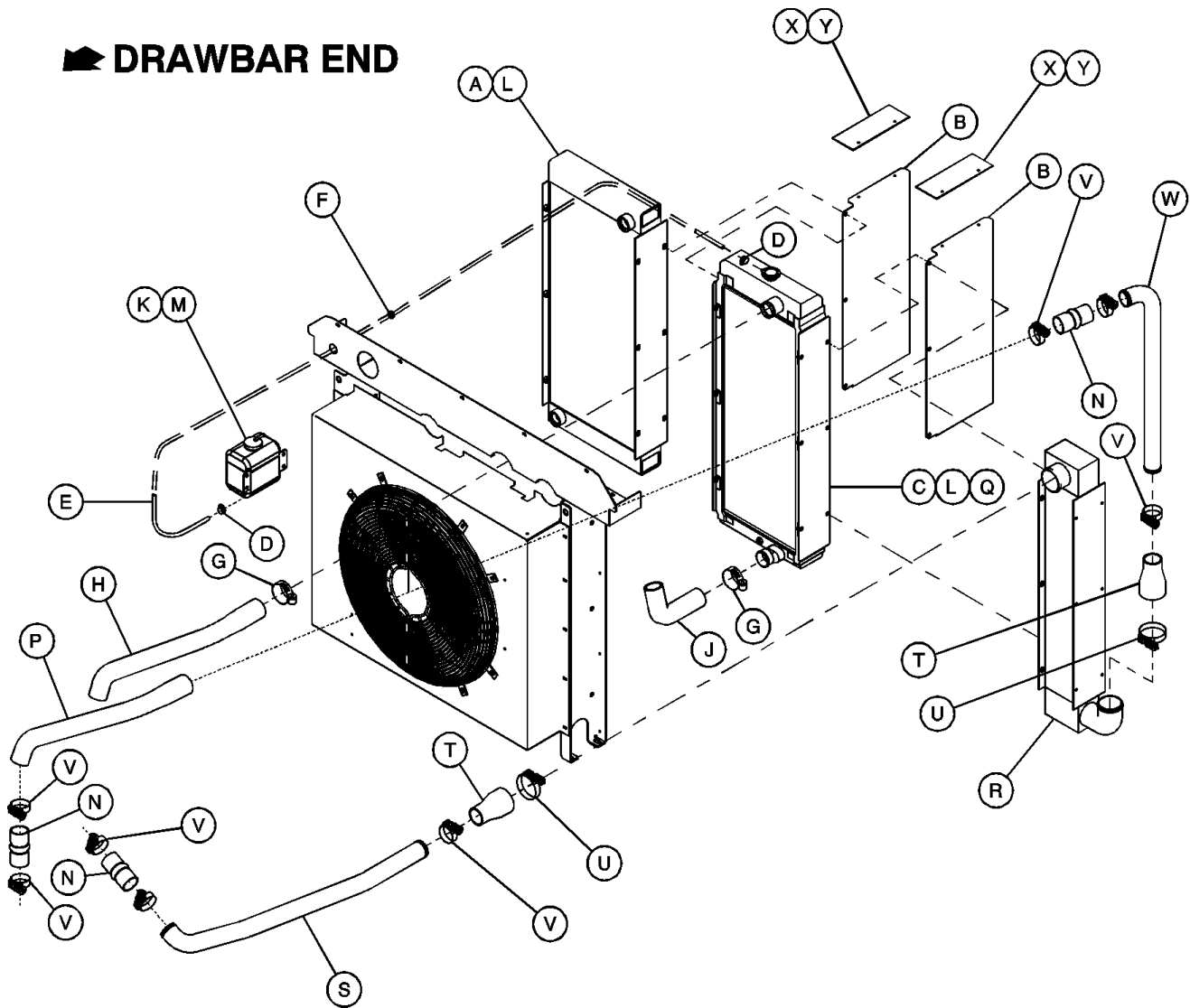


22666101_09_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22447478	BAFFLE, TOP	1	See Lengths Above
B	22215032	BAFFLE, RH COOLER	1	
C	22150650	SUPPORT, OIL COOLER	1	
D	22150643	SUPPORT, CHARGE AIR COOLER	1	
E	22215040	BAFFLE, LH COOLER	1	
F	22152730	SHROUD, FAN	1	
G	54716360	GUARD, FAN	1	
H	95934998	WASHER, FLAT	8	
J	36879492	SCREW, HEX FLANGE M12-1.75 X 25	4	
K	36797652	SCREW, TAPPING M06-1.0 X 12	10	
L	36895746	NUTSERT, M08	8	
M	96702055	SCREW, HEX M08-1.25 X 20	8	
N	35140409	FOAM	~	

COOLERS
COOLERS

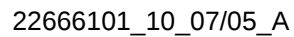
➡ **DRAWBAR END**



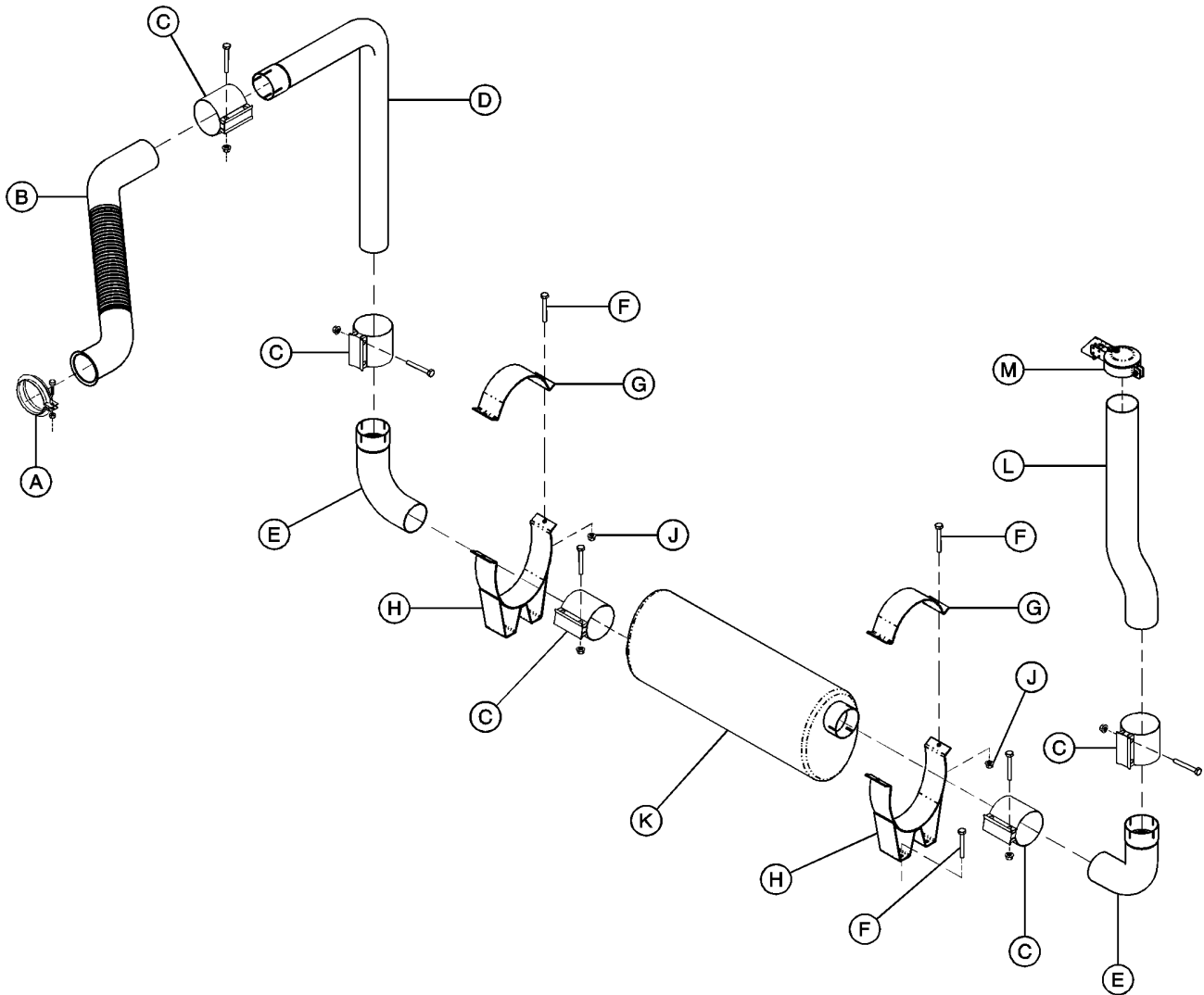
22666101_10_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22150197	OIL COOLER	1	7/120, 10/110, 9/110
	22185391	OIL COOLER	1	14/85
B	22544332	BAFFLE, SPLITTER	2	
C	22220487	RADIATOR	1	
D	35296342	CLAMP, WORM GEAR	2	
E	35360775	TUBING, 5/16"	42"	
F	35285162	GROMMET	1	
G	35221639	CLAMP, HOSE	4	
H	22173439	HOSE, TOP RADIATOR	1	
J	22174551	HOSE, BOTTOM RADIATOR	1	
K	36884948	BOTTLE, COOLANT RECOVERY	1	
L	96702279	SCREW, HEX M10-1.50 X 20	18	

➡ DRAWBAR END

B - 22

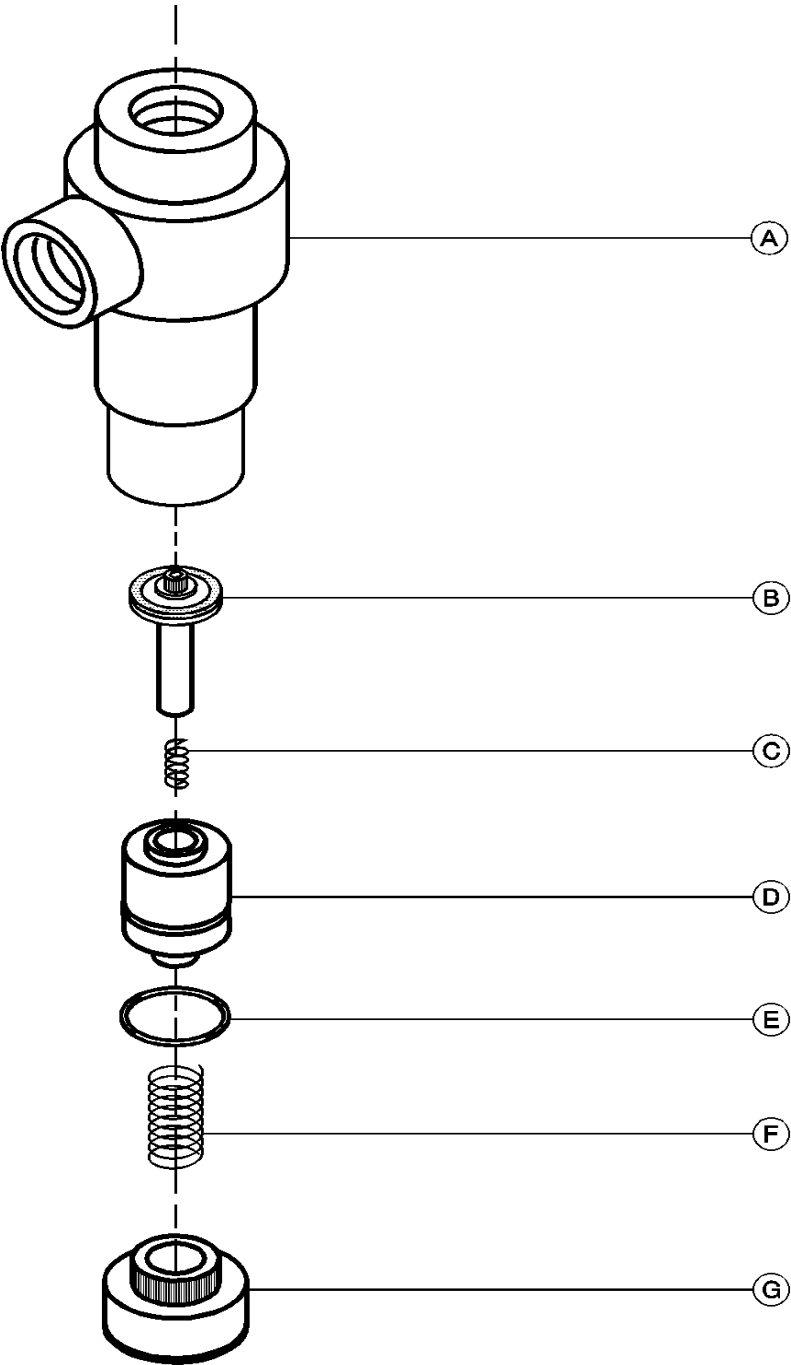
EXHAUST COMPLETE
EXHAUST COMPLETE



22666101_11_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881175	CLAMP, EXHAUST	1	
B	22447460	EXHAUST PIPE ASM.	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	8	
G	22481568	CLAMP, TOP	2	
H	22446298	CLAMP, MUFFLER	2	
J	96701370	NUT, HEX M08-1.25	4	
K	35797877	MUFFLER	1	
L	22447486	PIPE, EXHAUST	1	
M	36869337	CAP, RAIN	1	

MINIMUM PRESSURE VALVE

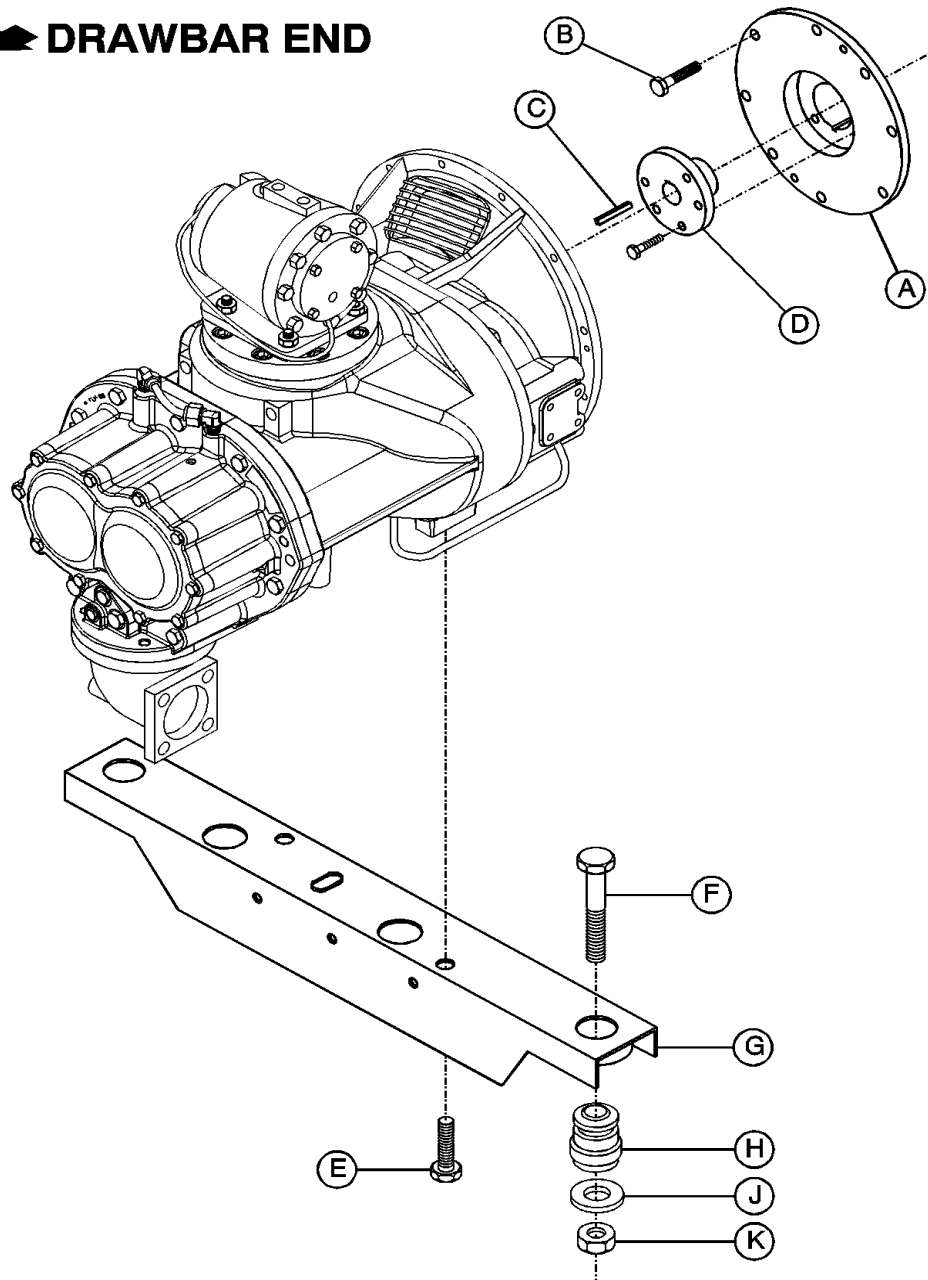


22666101_12_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22146625	BODY, MIN PRESS 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	MIN PRESSURE VALVE ASSEMBLY		

AIREND COUPLING
AIREND COUPLING

➤ **DRAWBAR END**

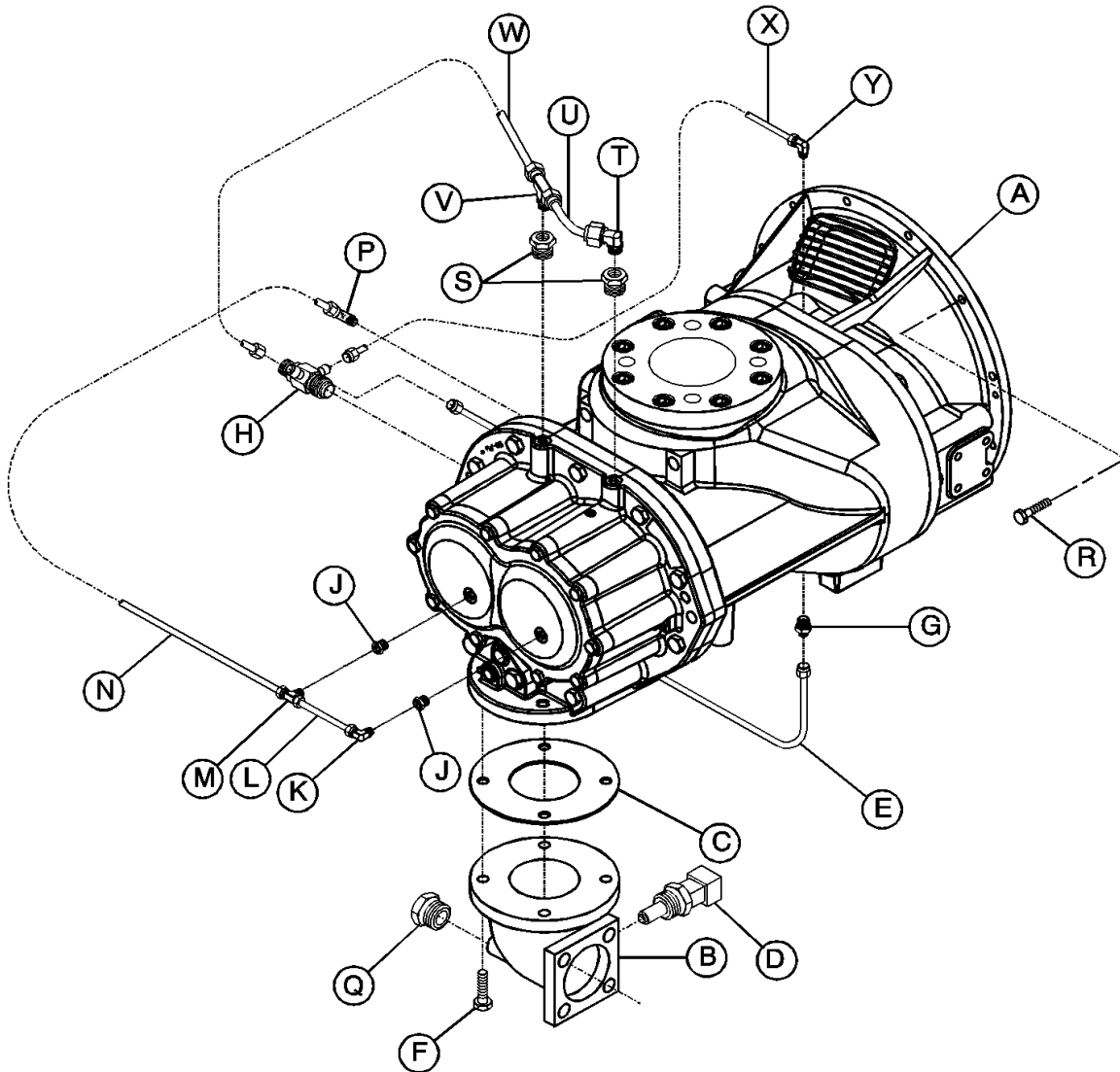


22666101_13_07/05_A

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	

AIREND COMPLETE

DRAWBAR END

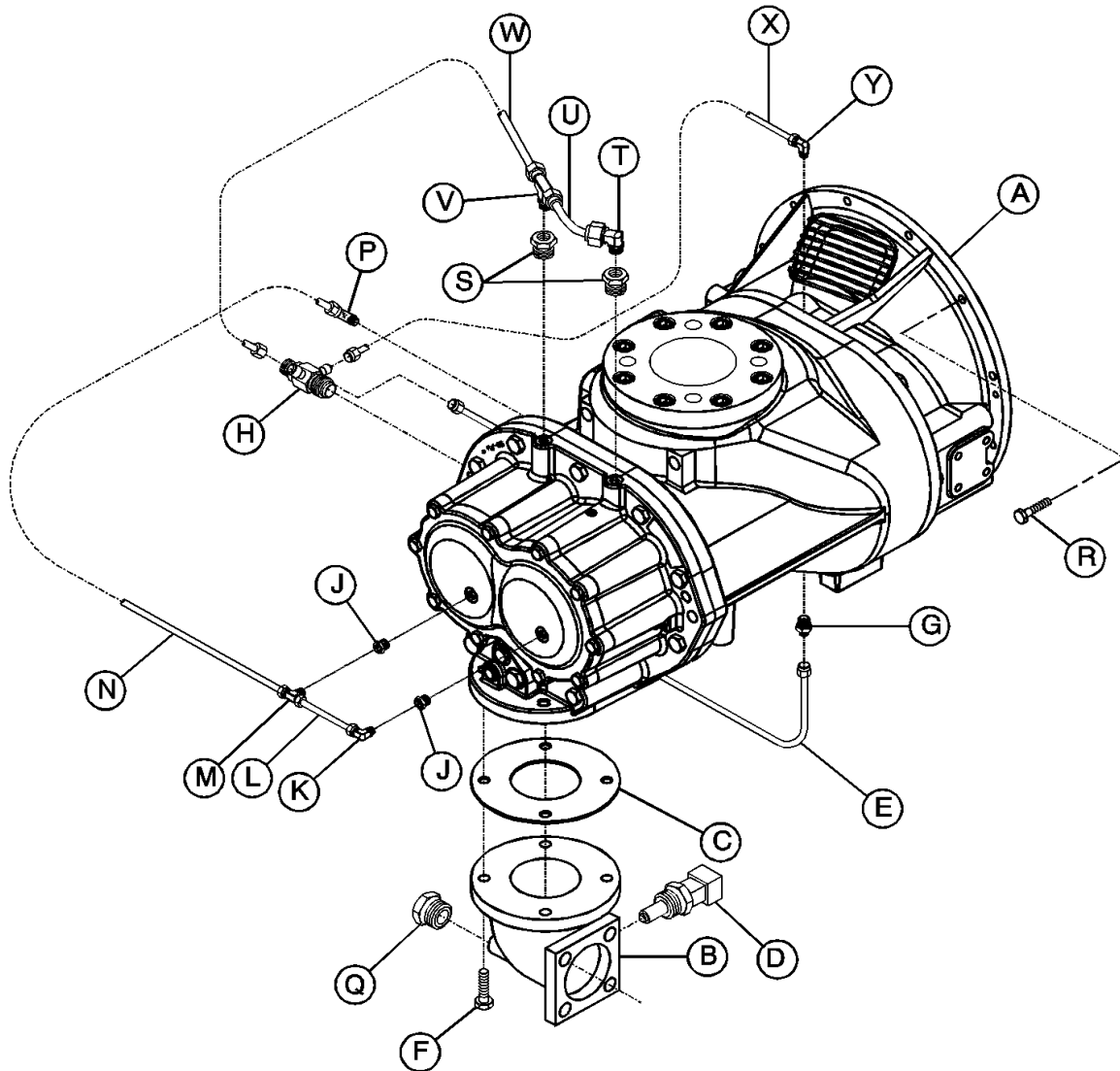


22666101_14_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36084234	AIREND ASSEMBLY	1	P425, 7/120
	36084226	AIREND ASSEMBLY	1	XP375,9/110
	36084218	AIREND ASSEMBLY	1	HP375,10/110
	36084119	AIREND ASSEMBLY	1	VHP300,14/85
B	22247340	ELBOW, DISCHARGE	1	
C	35575570	GASKET	1	
D	36898922	SENSOR, TEMPERATURE	1	
E	36879013	TUBE ASSEMBLY	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, .75 ORING X -10JIC	2	
K	35286491	ELBOW, 90o SAE 7/8-14 X -10JIC	1	

AIREND COMPLETE (cont'd)
AIREND COMPLETE (cont'd)

➤ DRAWBAR END

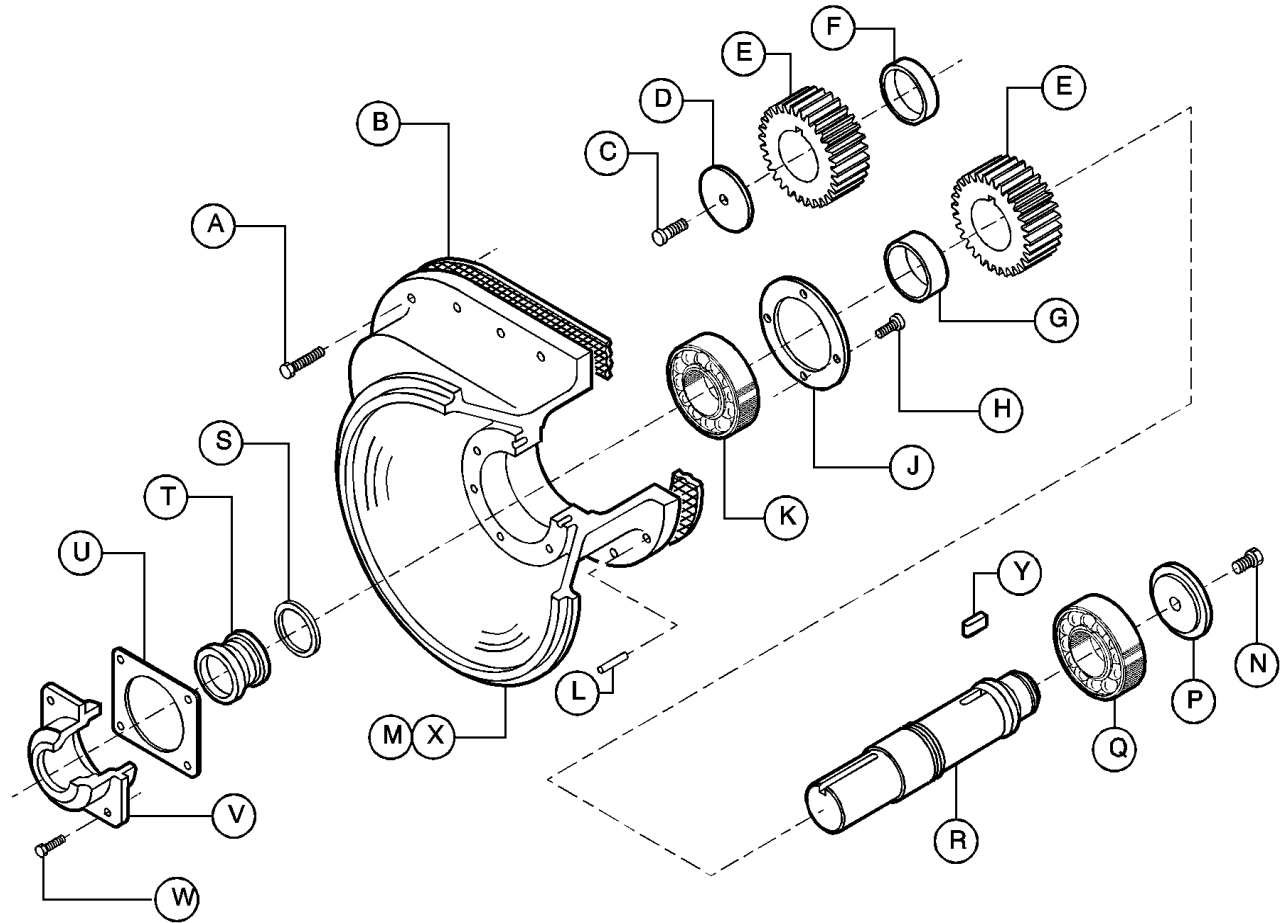


22666101_14_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	36846111	TUBE, MALE REAR SCAVENGE	1	
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 .75-16 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	

AIREND GEAR CASE ASSEMBLY

► DRAWBAR END

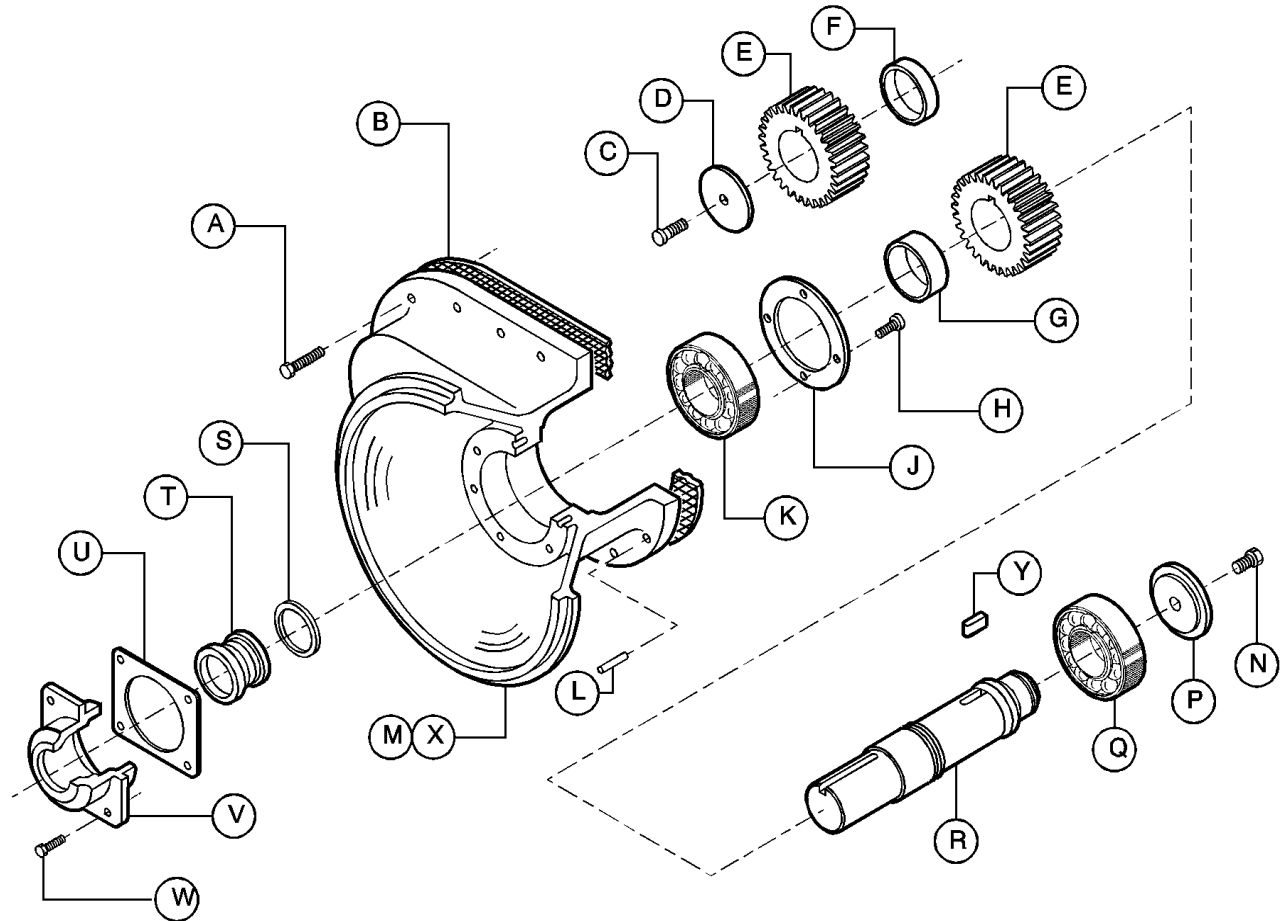


22666101_15_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96716162	SCREW, HEX SOCKET M16-2.0 X 40	12	
B	39437637	GASKET	1	
C	35108372	SCREW, HEX HD 1/2-13 X 1.25"	1	
D	35255827	PLATE, CLAMP	1	
E	35303429	GEAR SET	1	P425, 7/120
	22376784	GEAR SET	1	XP375,9/110
	22371637	GEAR SET	1	HP375,10/110
	22386494	GEAR SET	1	VHP300,14/85
F	35262716	SPACER	1	
G	35269224	SPACER, BEARING	1	
H	95264149	SCREW, HEX SOCKET CAP 3/8-16 X 2.0"	4	
J	35573070	PLATE, RETAINING	1	
K	35601517	BEARING, BALL	1	

AIREND GEAR CASE ASSEMBLY (cont'd)
AIREND GEAR CASE ASSEMBLY (cont'd)

► **DRAWBAR END**

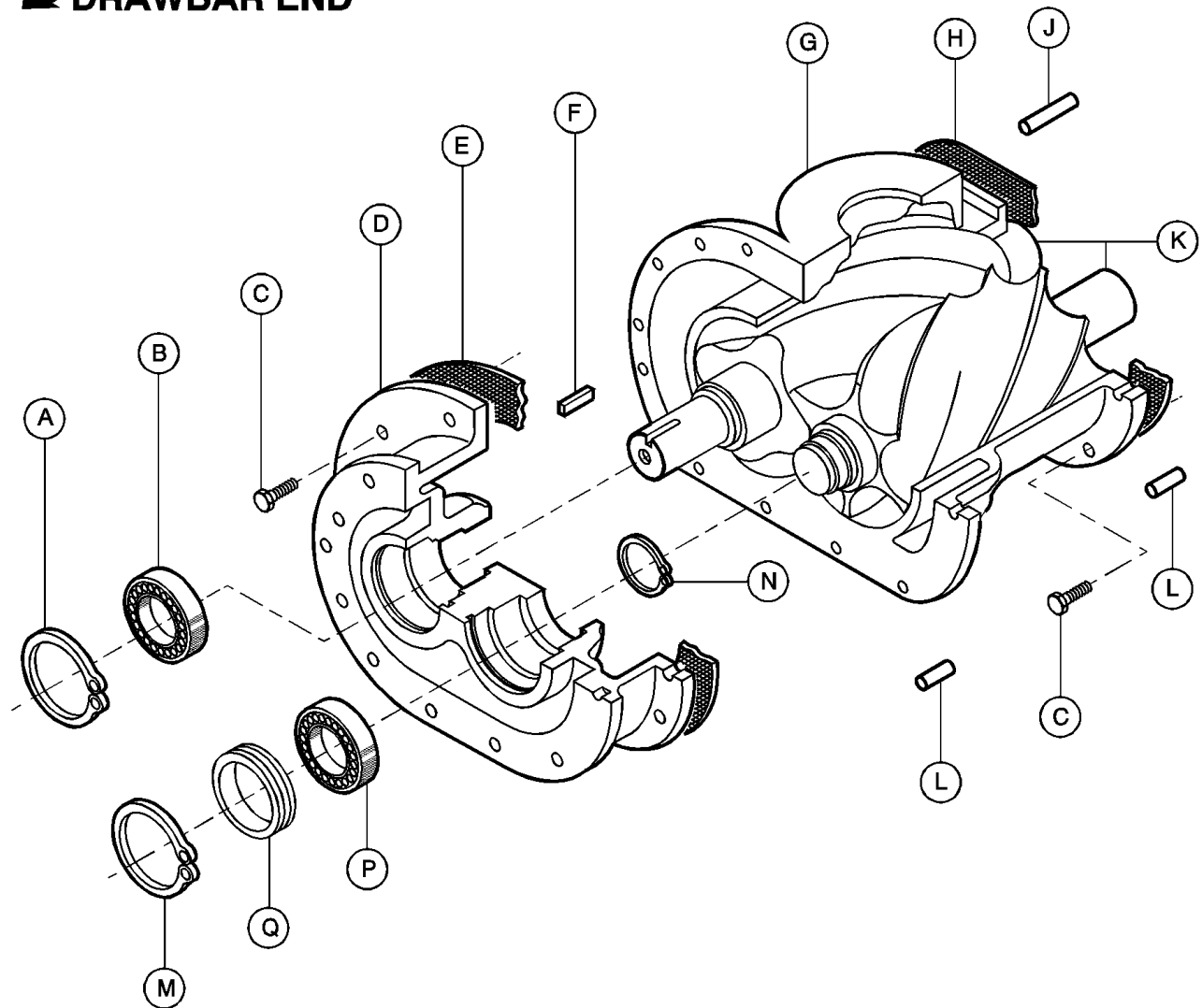


22666101_15_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95239919	PIN, DOWEL 1/2 X 1.25"	2	
M	35996164	CASE, GEAR	1	
N	35336304	SCREW, HEX SOCKET CAP M10-1.5 X 25	1	
P	36764785	CAP, GUIDE	1	
Q	35313568	BEARING, CYLINDRICAL ROLLER	1	
R	36780906	SHAFT, GEAR	1	
S	35104082	NUT, LOCK	1	
T	35593508	SEAL, OIL	1	
U	35210087	GASKET	1	
V	35592757	COVER, OIL SEAL	1	
W	96712187	SCREW, HEX SOCKET M12-1.75 X 30	6	
X	36798205	GUARD	2	
Y	35361328	KEY	1	

AIREND ROTOR HOUSING ASSEMBLY

DRAWBAR END

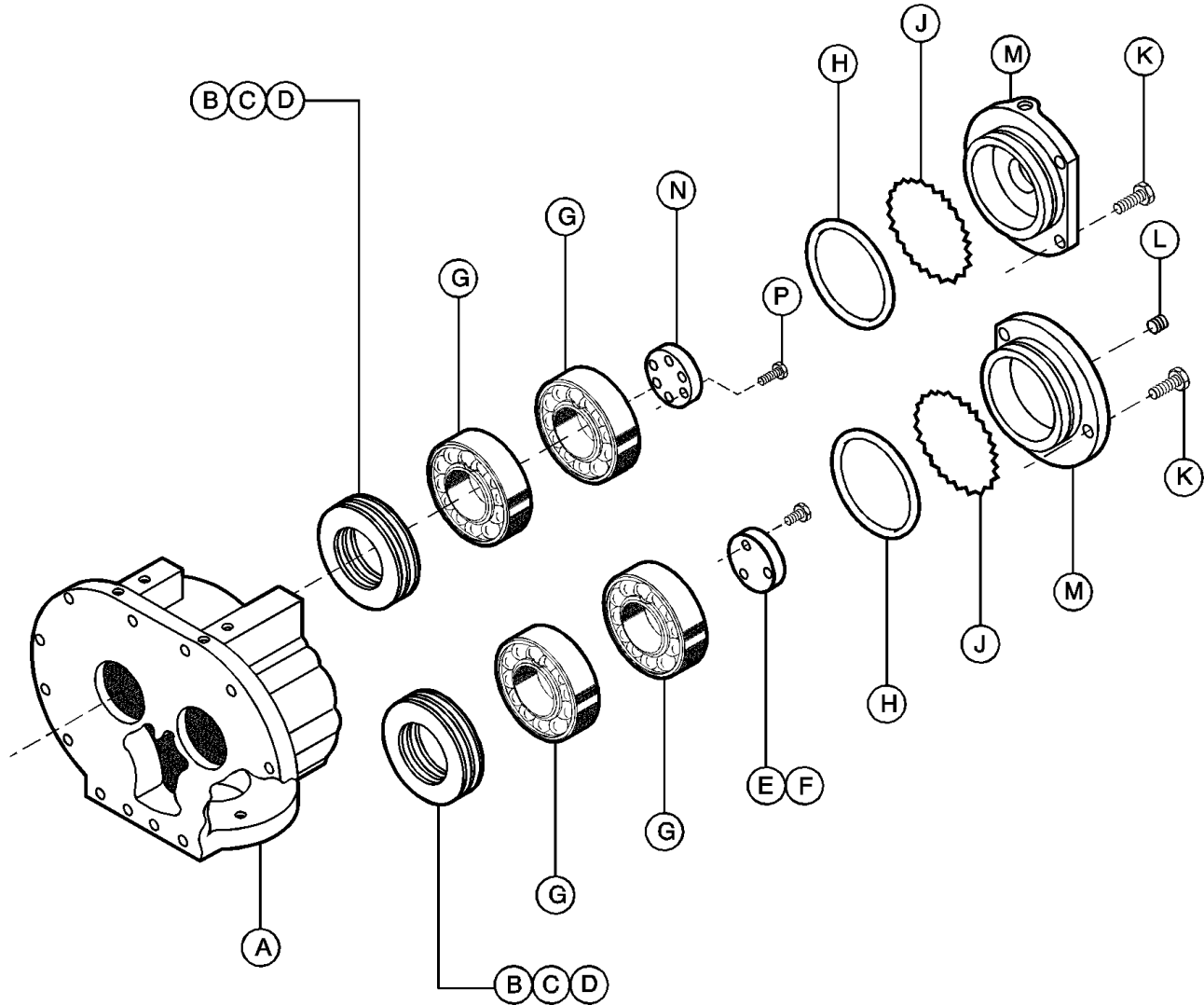


22666101_16_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95223194	RING, SNAP	1	
B	35313535	BEARING, CYLINDRICAL ROLLER	1	
C	96716162	SCREW, HEX SOCKET M16-2.0 X 40	13	
D	39703921	HOUSING, FRONT BEARING	1	
E	35518497	GASKET, FRONT BEARING HOUSING	1	
F	95381109	KEY, 3/8" SQ.	1	
G	39748942	HOUSING, ROTOR	1	
H	39437629	GASKET, REAR BEARING HOUSING	1	
J	95239927	PIN, DOWEL 1/2 X1.5"	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
AIREND REAR BEARING HOUSING ASSEMBLY

➡ **DRAWBAR END**

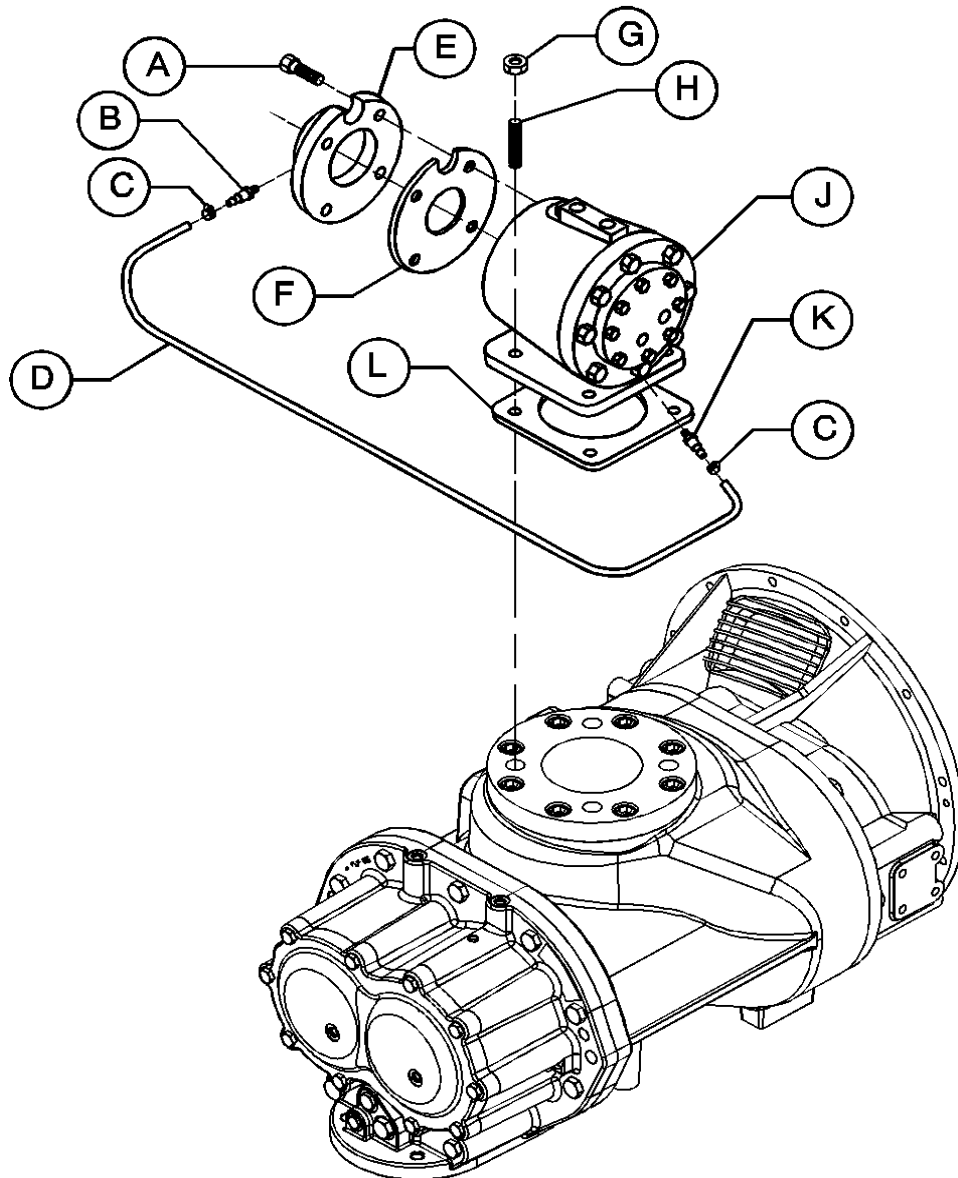


22666101_17_07/05_A

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 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 M12-1.75 X 30	6	
L	35287556	PLUG	1	
M	36500832	COCVER, REAR BEARING	2	
N	39435441	PLATE, CLAMP	1	
P	95494167	SCREW, HEX SOCKET CAP 5/16-18 X 1.25"	8	

UNLOADER COMPLETE

➡ DRAWBAR END

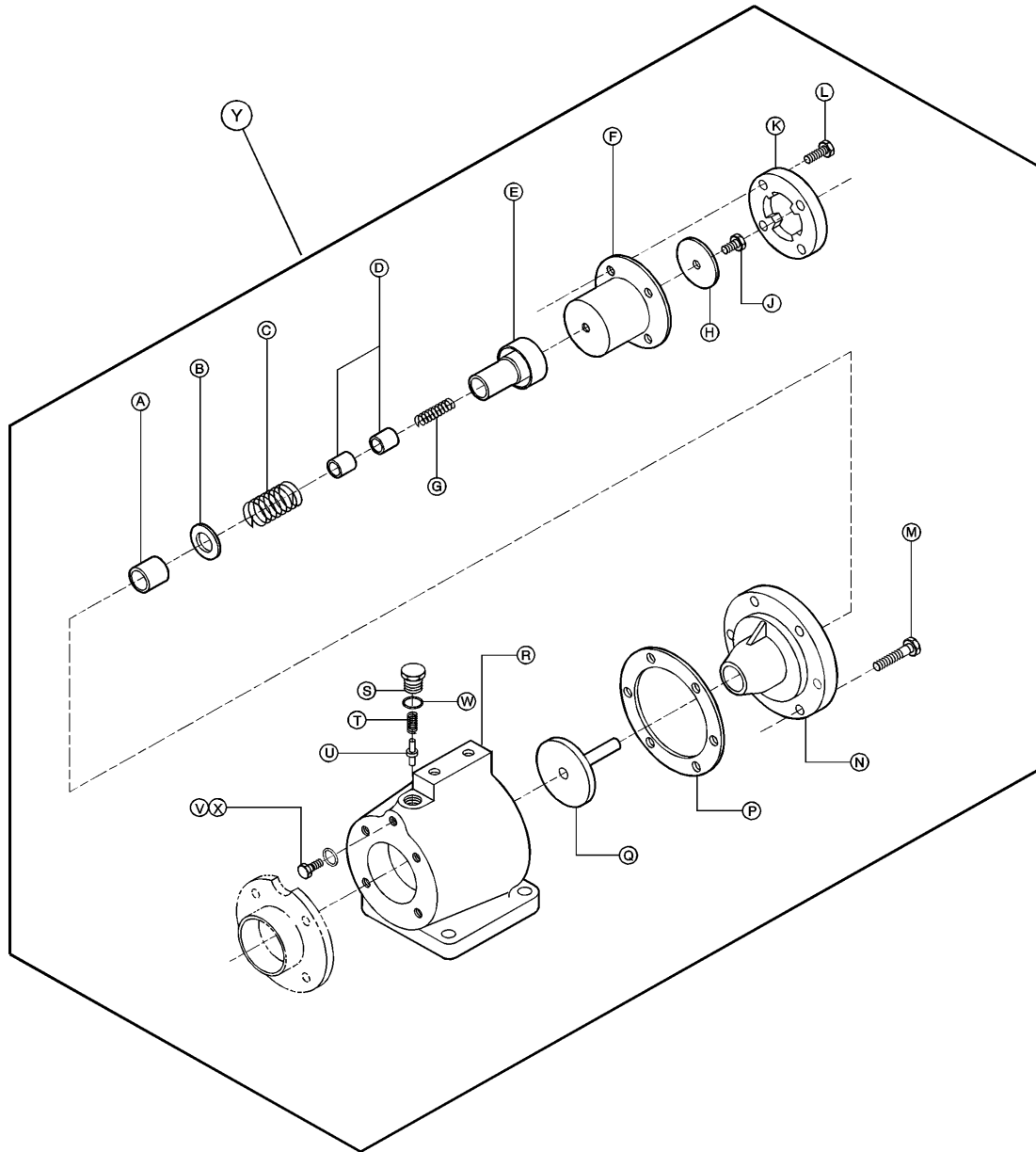


22666101_18_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96702048	SCREW, HEX 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	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, UNLOADER	1	
K	35323542	ADAPTER, UNLOADER	1	
L	35589589	GASKET, UNLOADER TO AIREND	1	

UNLOADER ASSEMBLY

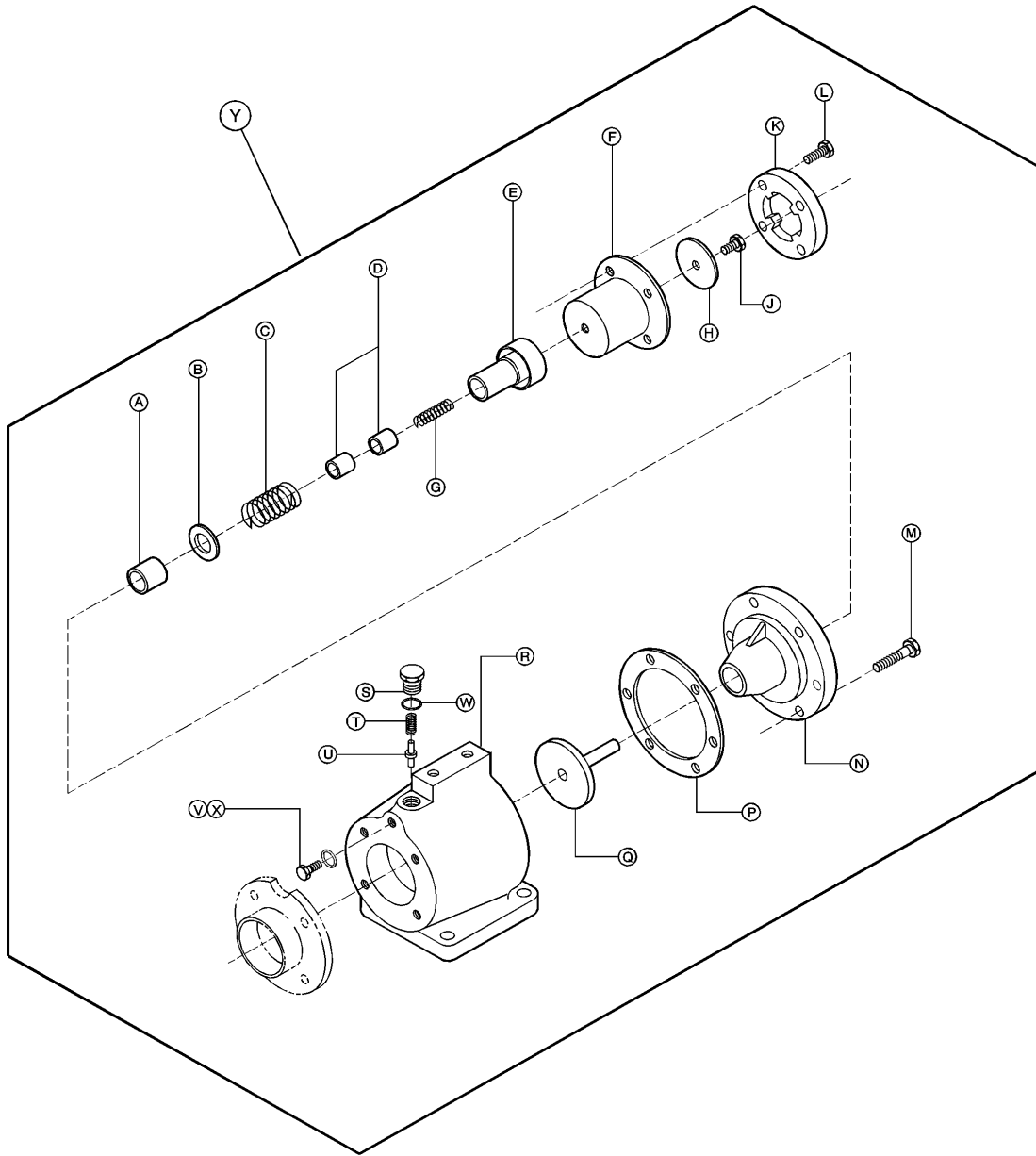
UNLOADER ASSEMBLY



22666101_19_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35318013	BUSHING, HOUSING	1	
B	35317205	WASHER	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	1	
J	35321595	SCREW, BUTTON SOC HD 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)

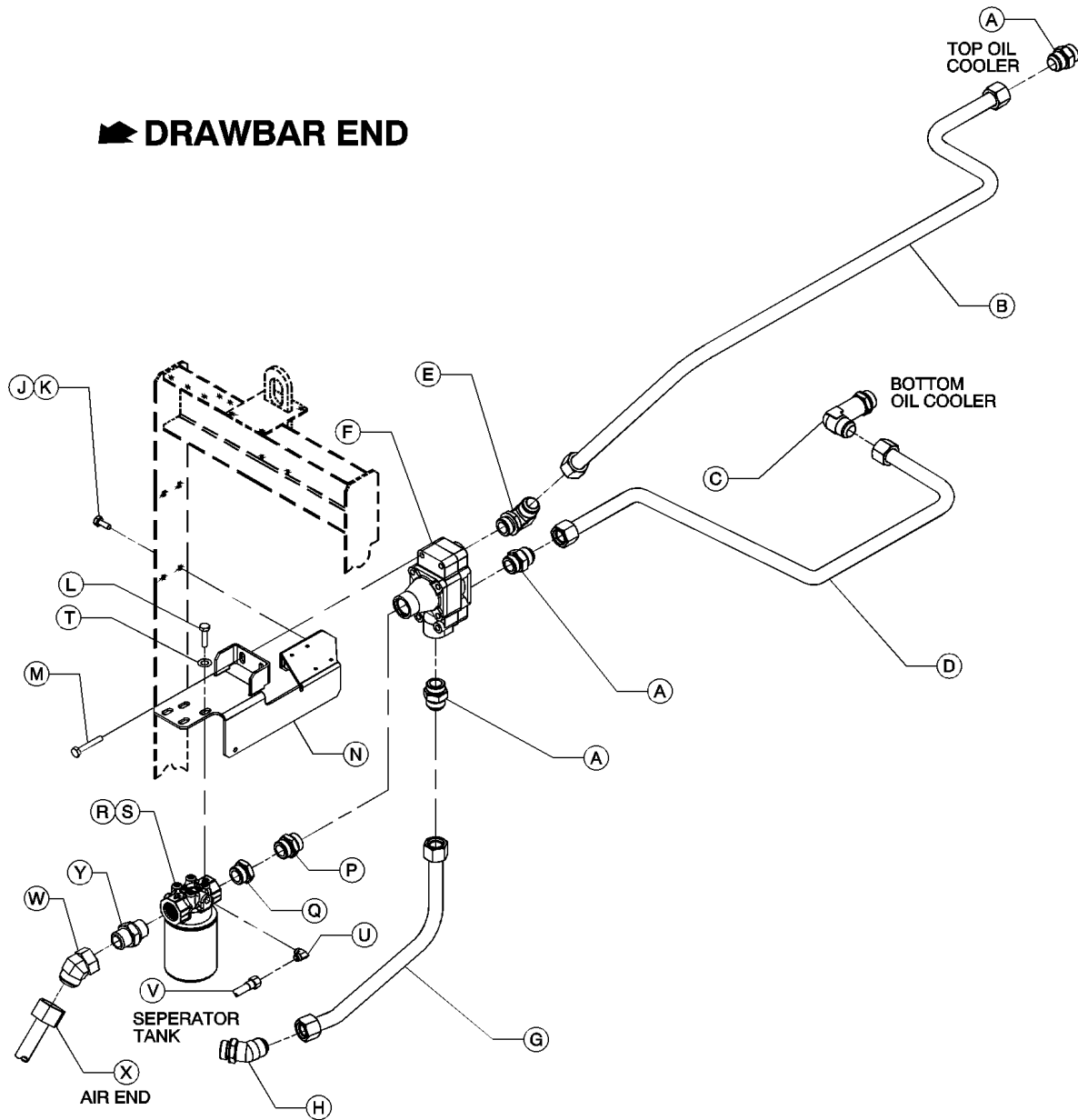


22666101_19_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35833227	HOUSING, PISTON	1	
P	35588300	GASKET, PISTON	1	
Q	35591122	VALVE, UNLOADER	1	
R	36718427	BODY, UNLOADER	1	
S	35278555	PLUG, HEX HD	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	ASSEMBLY, UNLOADER VALVE	1	Includes all items above

OTBV / OIL FILTER MOUNTING
OTBV / OIL FILTER MOUNTING

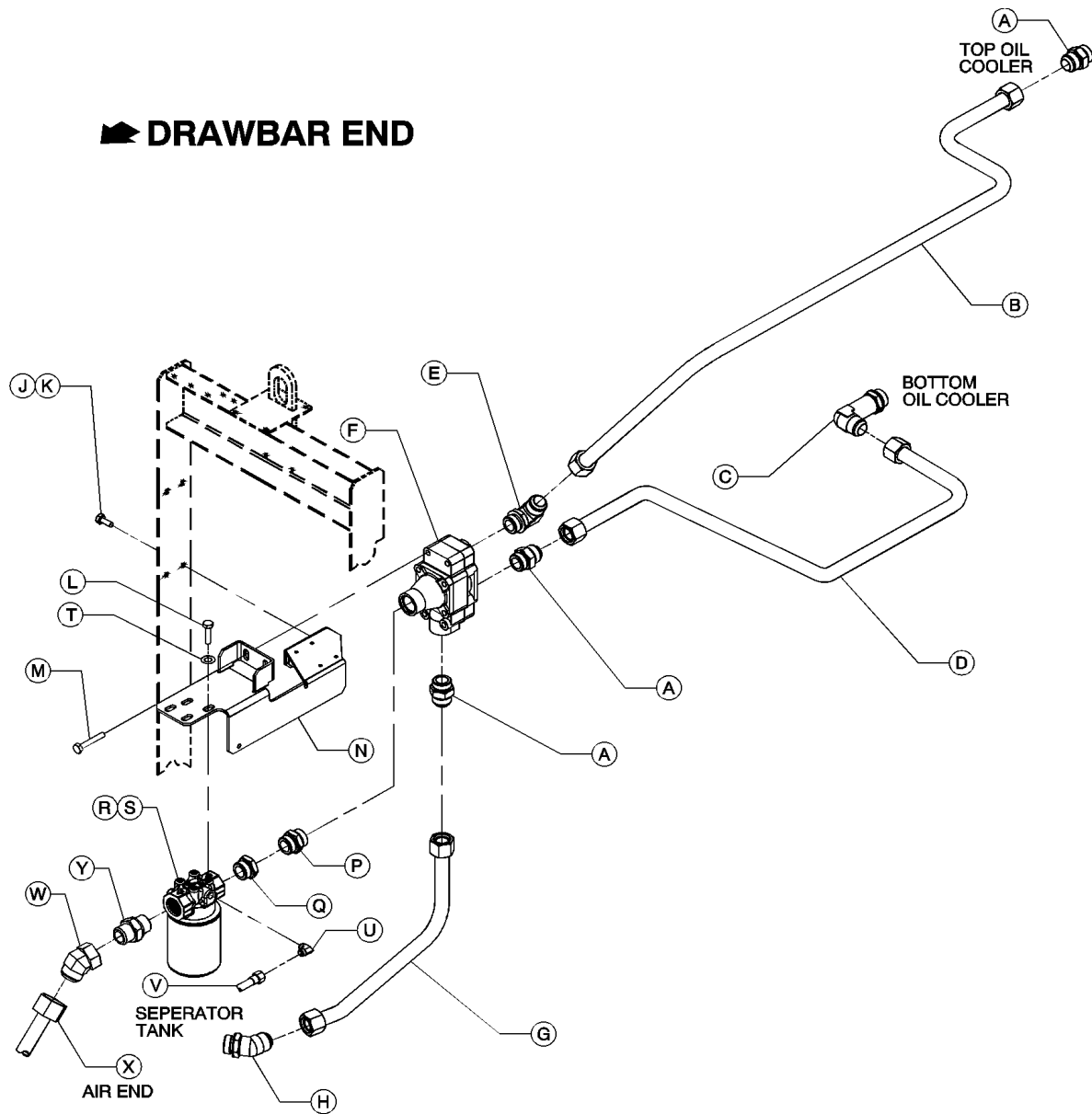
➡ **DRAWBAR END**



22666101_20_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95955993	CONNECTOR, 1.31 SAE	3	
B	54679998	TUBE, OIL COOLER TOP	1	
C	95992848	ELBOW, 90 DEGREE	1	
D	54755731	TUBE, OTBV TO OIL COOLER	1	
E	95938171	ELBOW, 90o X 1.31 SAE	1	
F	54414420	OTBV, 1.31 SAE	1	
G	35227909	HOSE, -16 X 25"	1	
H	95992632	ELBOW, 45o X 1.31 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	

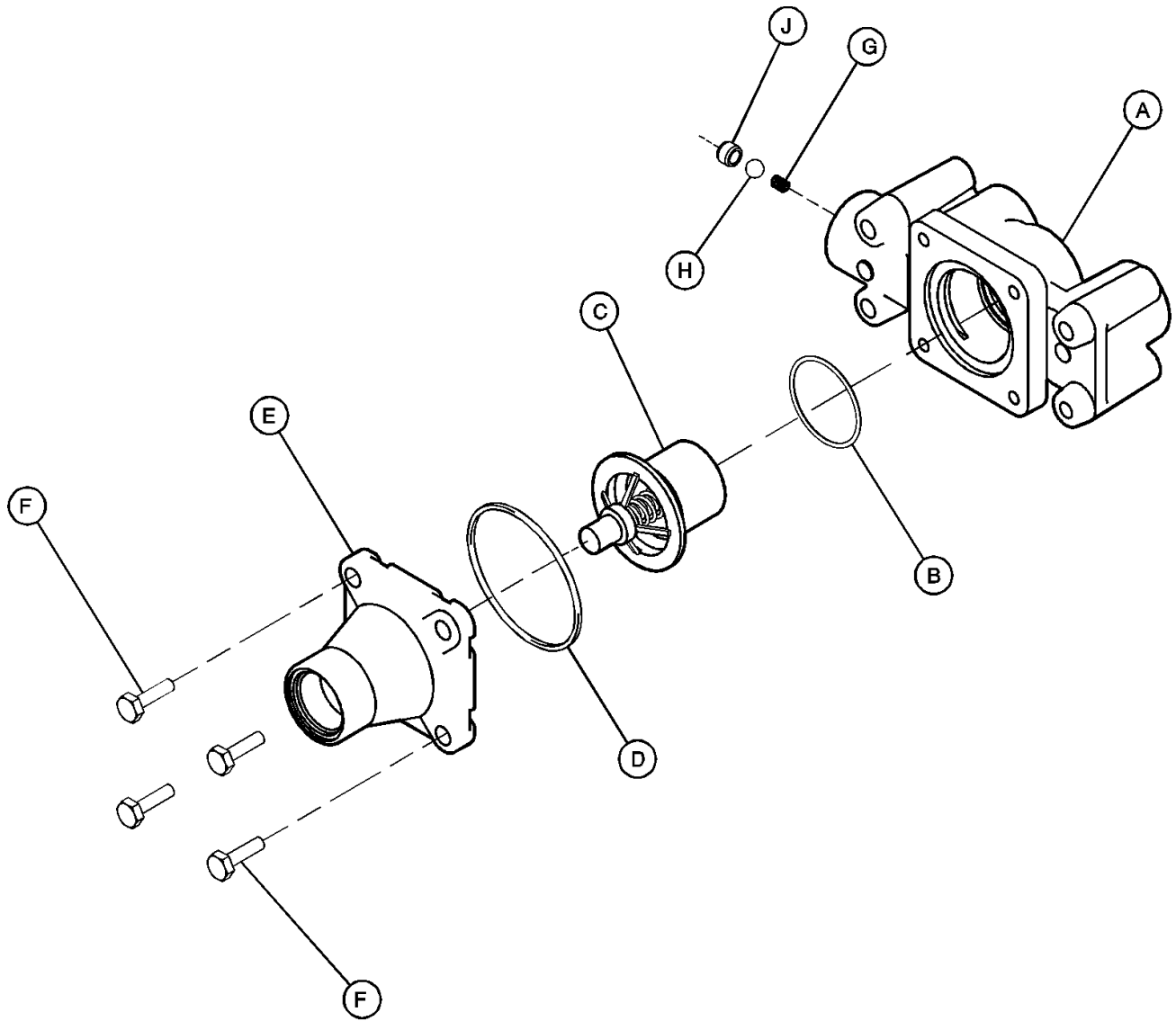
OTBV / OIL FILTER MOUNTING (cont'd)



22666101_20_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36786382	SCREW, M08-1.25 X 70	2	
N	36880367	SUPPORT, OIL FILTER	1	
P	95954921	UNION, 1.31 SAE	1	
Q	95954913	REDUCER, 1.62 SAE X 1.31 FEM SAE	1	
R	36897437	HEAD, SINGLE FILTER	1	
S	36897346	ELEMENT, OIL FILTER	1	
T	95935037	WASHER, FLAT	2	
U	95365094	ELBOW, 9/16 X -4 JIC	1	
V	35282920	HOSE ASSEMBLY -4 JIC X 30"	1	
W	35307206	ELBOW, SWIVEL 45o -16JIC	1	
X	35324177	HOSE ASSEMBLY, -16 JIC X 13"	1	
Y	35292069	CONNECTOR, 1.62-12 X -16JIC	1	

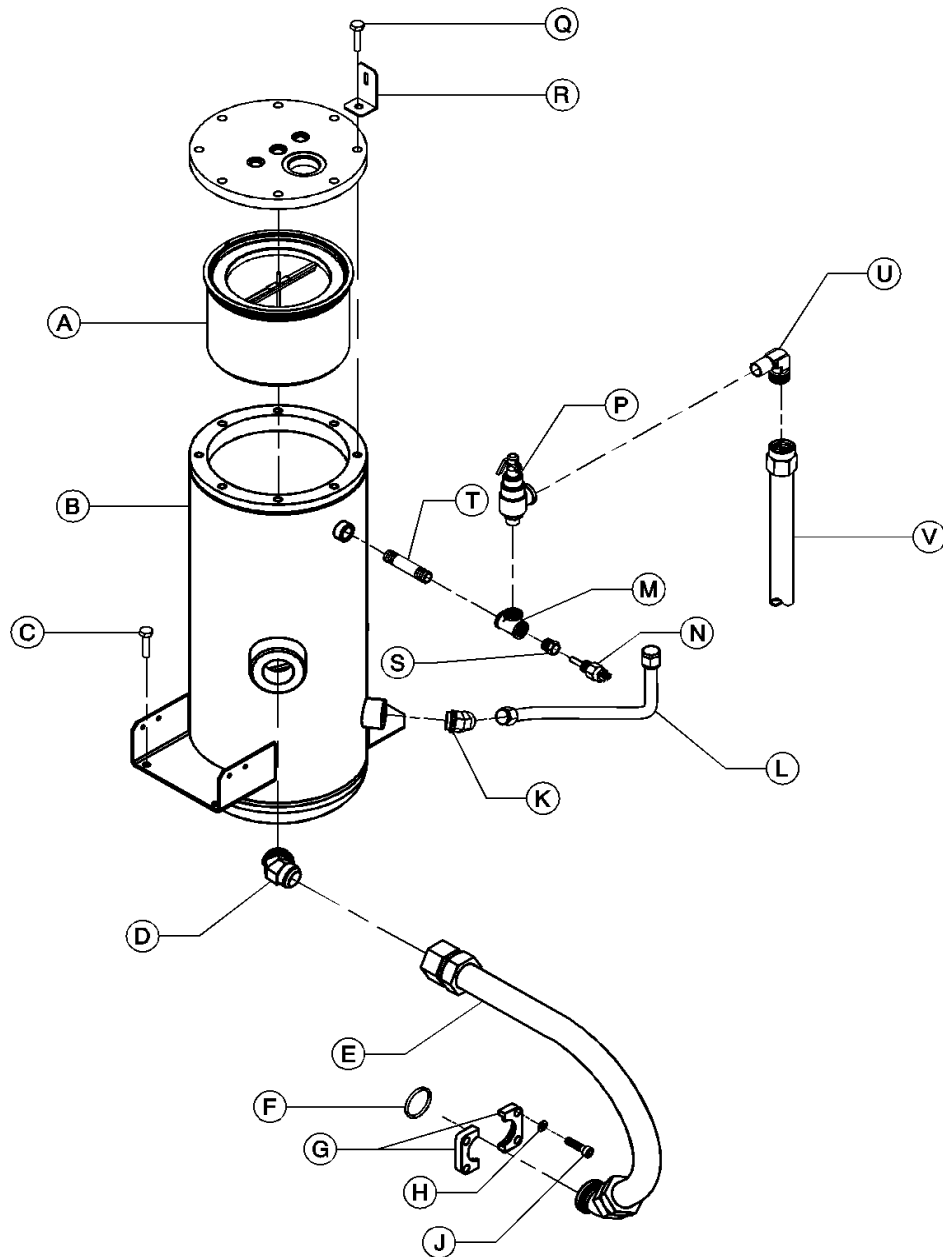
OIL TEMPERATURE BYPASS VALVE
OIL TEMPERATURE BYPASS VALVE



22666101_21_07/05_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 DEG F	1	
D	95022307	O-RING	1	
E	36876779	COVER	1	
F	96702659	SCREW, HEX M08-1.25 X 25	4	
G	35379940	SPRING	1	
H	35288448	BALL	1	
J	54414677	ORIFICE, OIL	1	

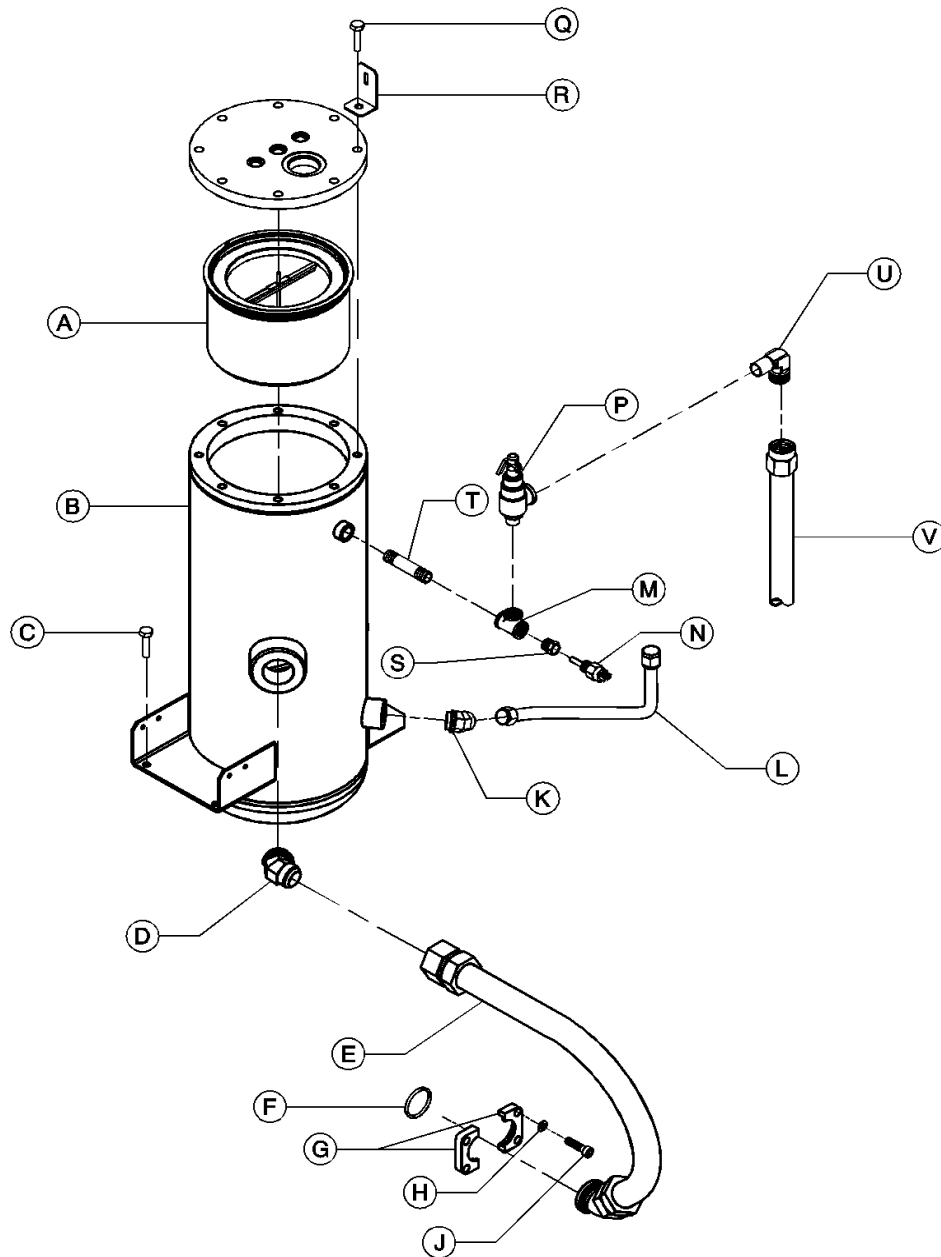
SEPARATOR TANK COMPLETE



22666101_22_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22111975	ELEMENT, SEPARATOR	1	
B	22331912	TANK, SEPARATOR	1	
C	36888055	SCREW, HEX FLANGE M12-1.75 X 30	4	
D	95944732	ELBOW, 45 2.50 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 1.31 SAE	1	
L	35227909	TUBE, OTBV TO SEP TK	1	

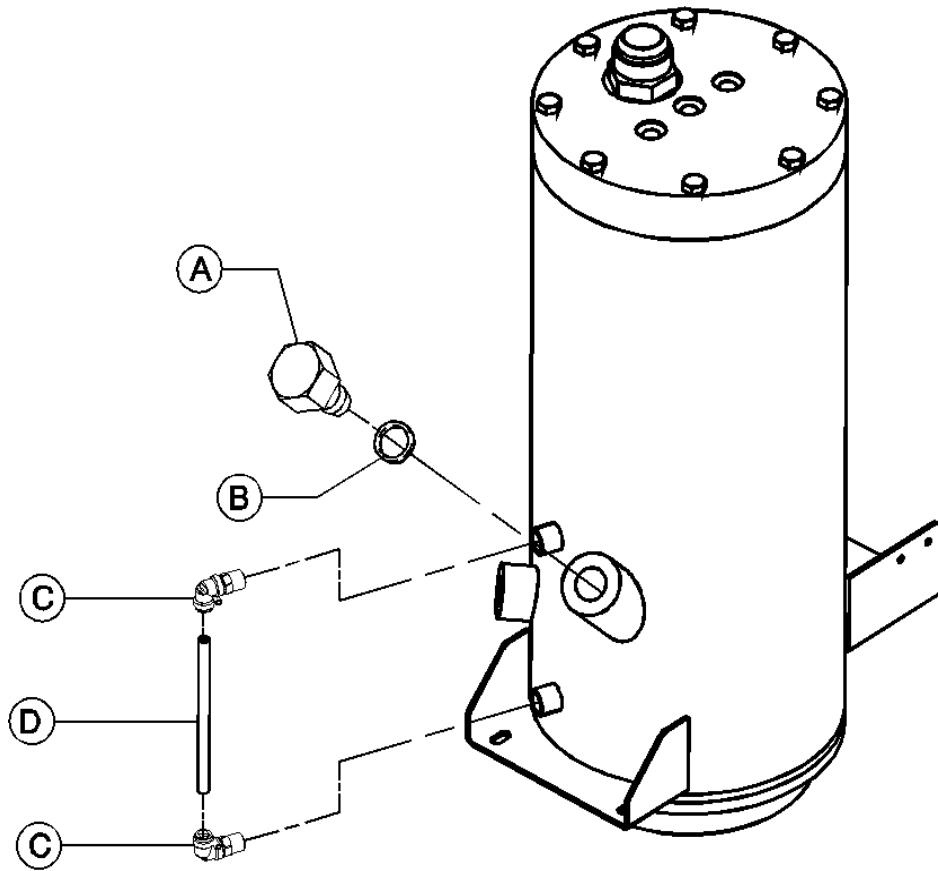
SEPARATOR TANK COMPLETE (cont'd)
SEPARATOR TANK COMPLETE (cont'd)



22666101_22_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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	1	(14/85)
Q	96727557	SCREW, HEX FLANGE M16 X 60	8	
R	36785012	BRACKET, SEPERATOR TANK LIFT	2	
S	95952248	BUSHING, REDUCING NPT 3/4 X 1/2	1	
T	95928040	NIPPLE, CLOSED 3/4 NPT	1	
U	95279410	ELBOW, 1.25 NPT X -16 JIC	1	
V	22060073	TUBE, DISCHARGE	1	

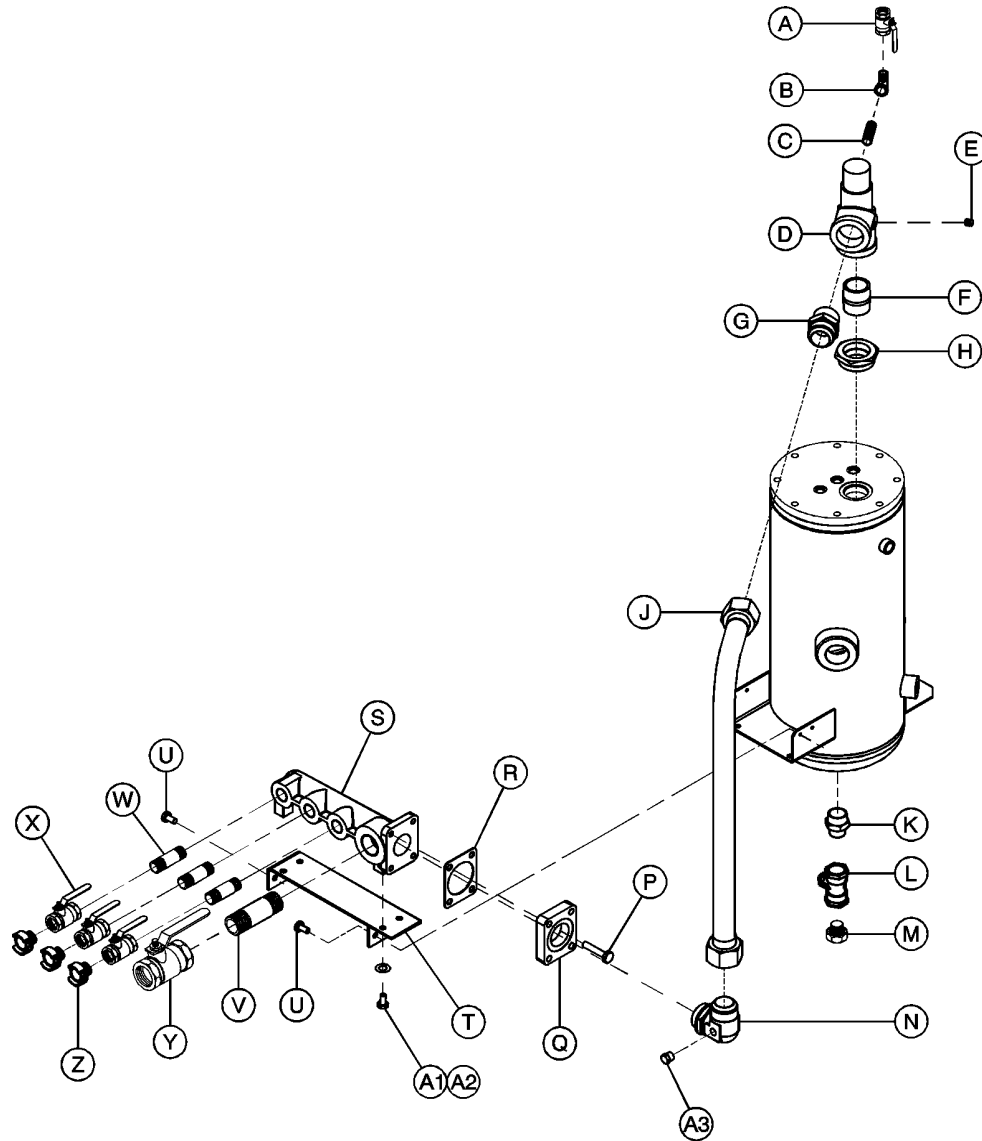
SEPARATOR TANK COMPLETE (cont'd)



22666101_23_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35579630	PLUG, 1.62"	1	
B	35279942	O-RING	1	
C	54629464	TUBE, SIGHT	1	
D	54627799	ELBOW, SIGHT TUBE	2	

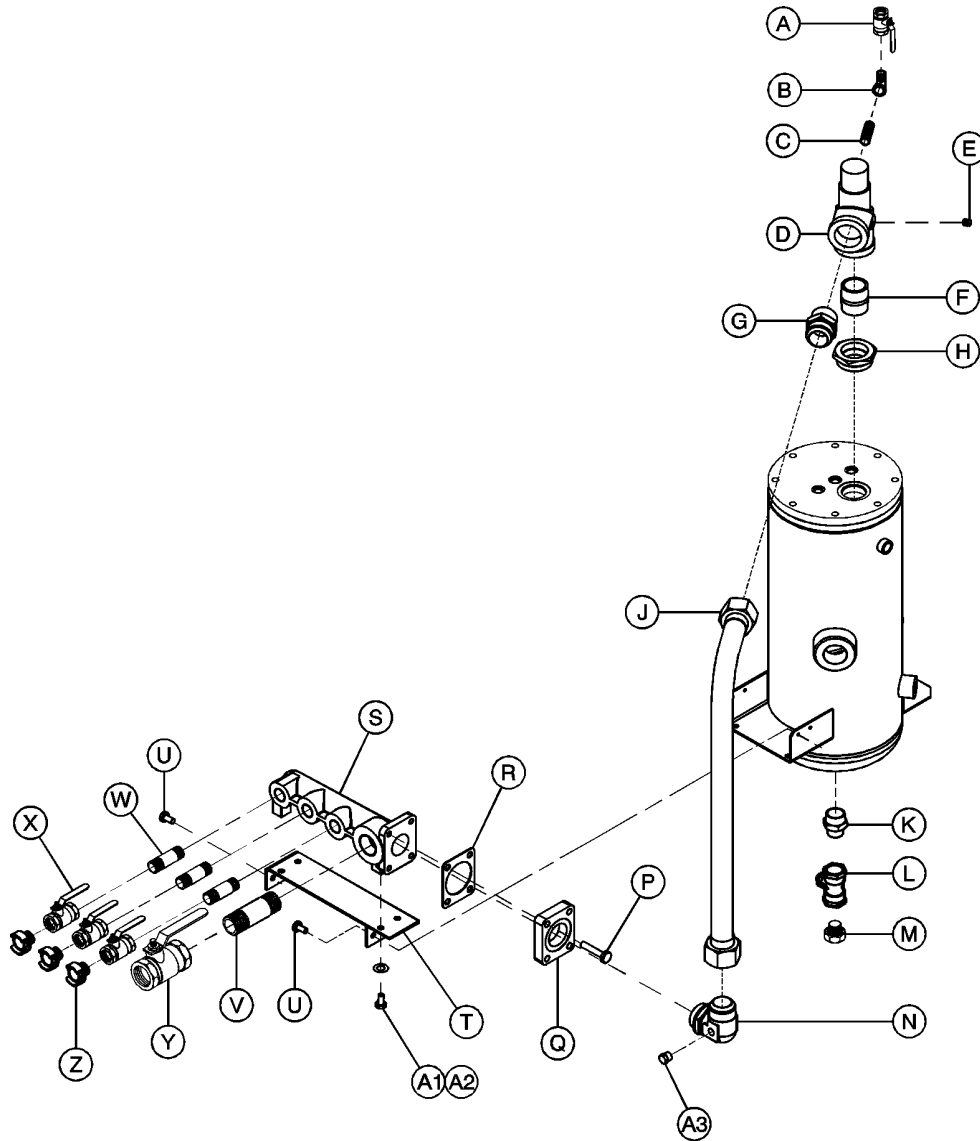
SERVICE AIR COMPLETE
SERVICE AIR COMPLETE



22666101_24_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35576115	VALVE, 3/4 NPT BALL	1	
B	95928172	ELBOW, STREET 3/4 NPT	1	
C	95928040	NIPPLE, CLOSED 3/4 NPT	1	
D	22146641	VALVE, MINIMUM PRESSURE	1	
E	95928230	PLUG, HEX SOCKET 1/4 NPT	1	
F	95242996	NIPPLE, 1.50 X 2.00 LG	1	
G	95208682	ADAPTER, 1.50 NPT X 1.50"	1	
H	95741088	ADAPTER, FEMALE	1	
J	54698675	TUBE, SERVICE	1	
K	22446744	ADAPTER, 1.06-12 UN	1	
L	22477301	VALVE, 3/4 BUTTERFLY BALL	1	
M	22481832	PLUG, 3/4 BSP	1	
N	22321129	ELBOW, 1.88-12 X -24JIC	1	
P	96701487	SCREW, HEX M10-1.50 X 30	4	

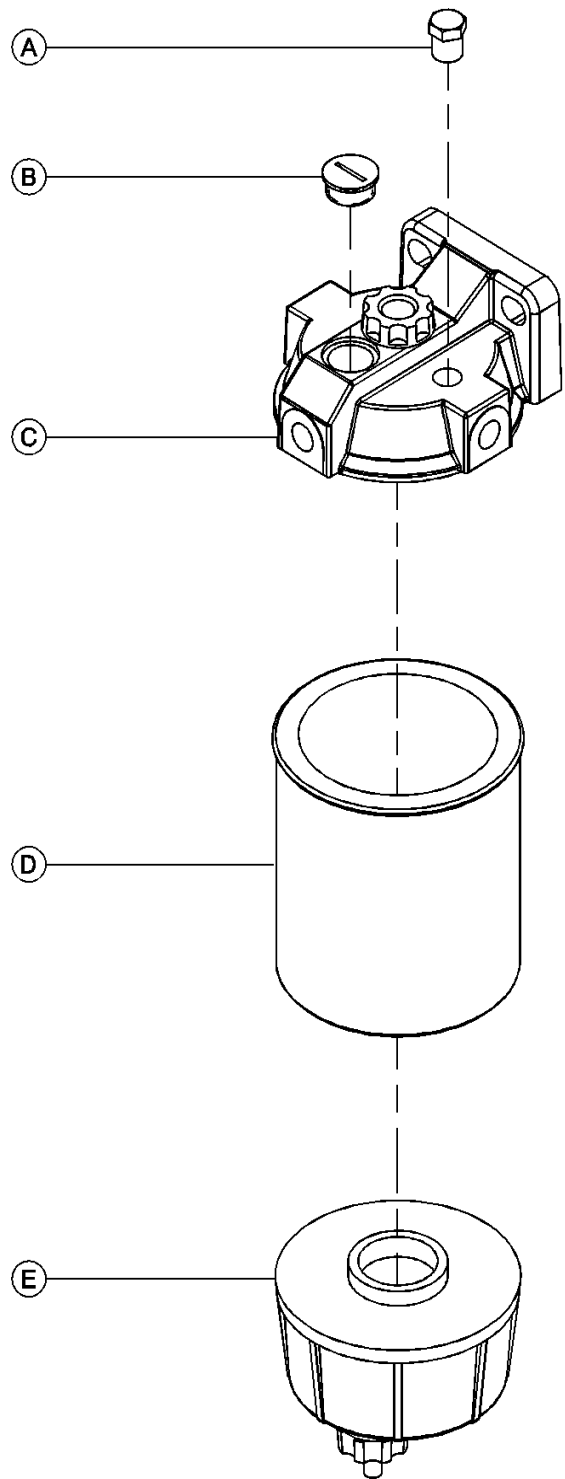
SERVICE AIR COMPLETE (cont'd)



22666101_24_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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, HEX M08-1.25 X 20	4	
V	92076454	NIPPLE, PIPE 1.25 NPT X 4.5"	1	
W	92076447	NIPPLE, PIPE 3/4 BSPT X 3/4 NPT X 136 mm	3	
X	95594461	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	

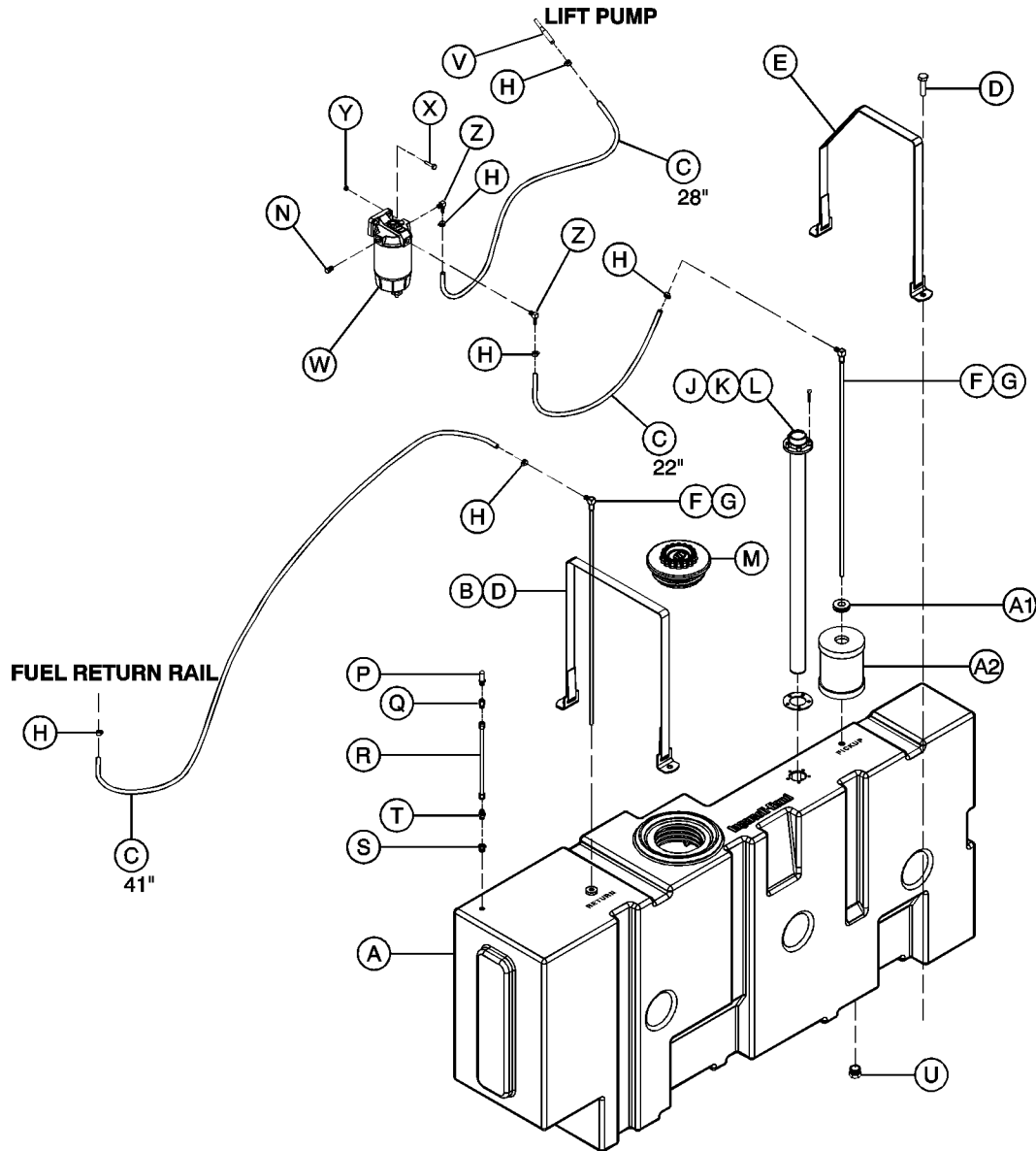
FUEL / WATER SEPARATOR
FUEL / WATER SEPARATOR



22666101_25_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54480520	PLUG, VENT	1	
B	35358381	COVER, CHECK BALL	1	
C	54480512	HEAD	1	
D	54468178	ELEMENT ASSEMBLY	1	
E	54480504	BOWL, POLYCARBONATE	1	

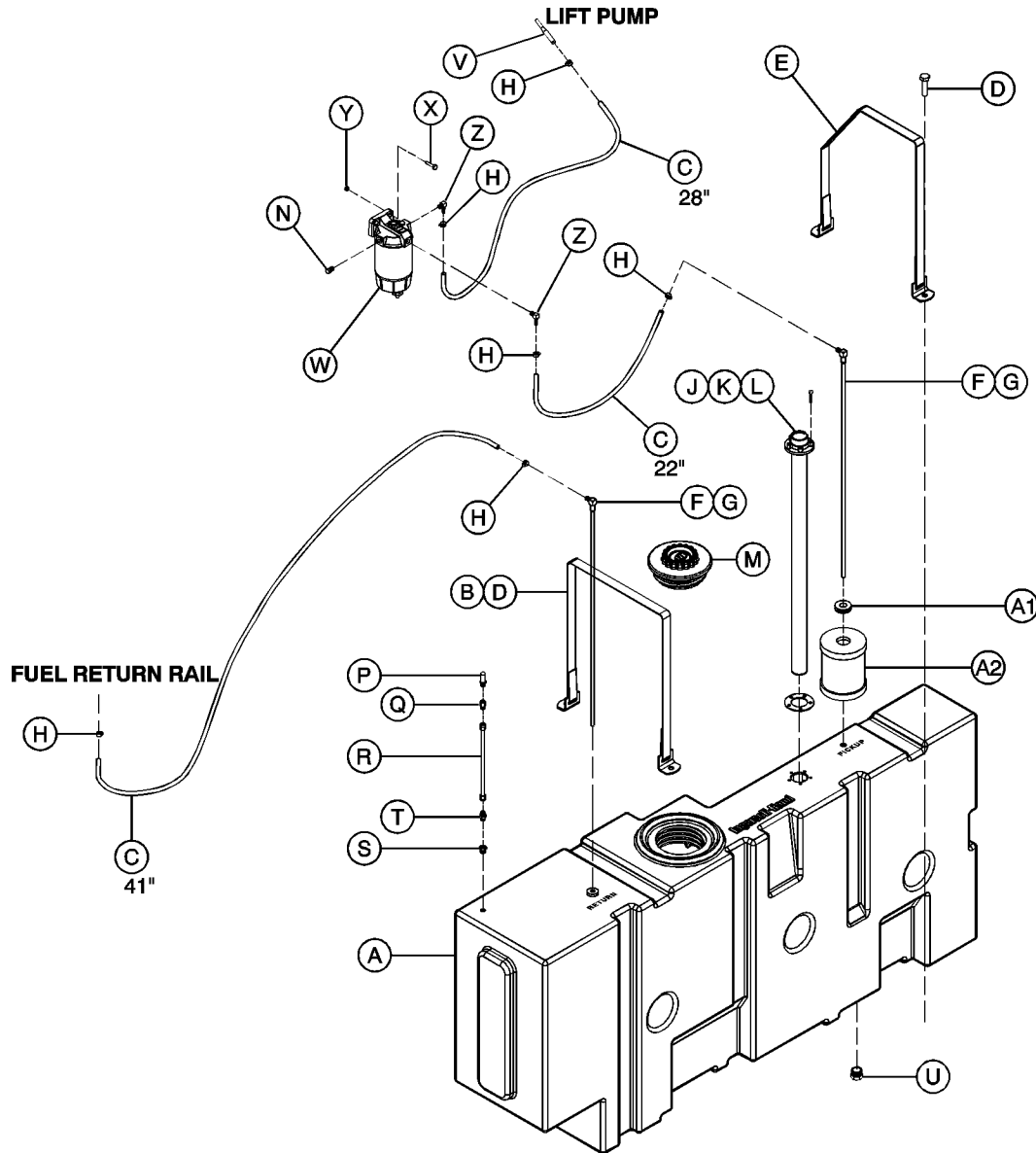
FUEL TANK COMPLETE



22666101_26_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54633938	TANK, FUEL	1	
B	22519821	STRAP, FUEL TANK	1	
C	35363498	HOSE, .31 FUEL	*	
D	35271170	SCREW, TAPPING M08-1.25 X 40	4	
E	22519813	STRAP, FUEL TANK	1	
F	54675863	STANDPIPE ASSEMBLY	2	
G	35384577	BUSHING, NITRILE	2	
H	35296342	CLAMP, WORM GEAR	6	
J	54731427	SENDER, FUEL LEVEL	1	
K	35361849	GASKET, FUEL SENDER	1	
L	95916532	SCREW, FILLISTER HEAD 10-32 X .50	5	
M	54660089	CAP, FUEL	1	
N	95928230	PLUG, HEX COUNTERSINK 1/4 NPT	1	

FUEL TANK COMPLETE (cont'd)
FUEL TANK COMPLETE (cont'd)

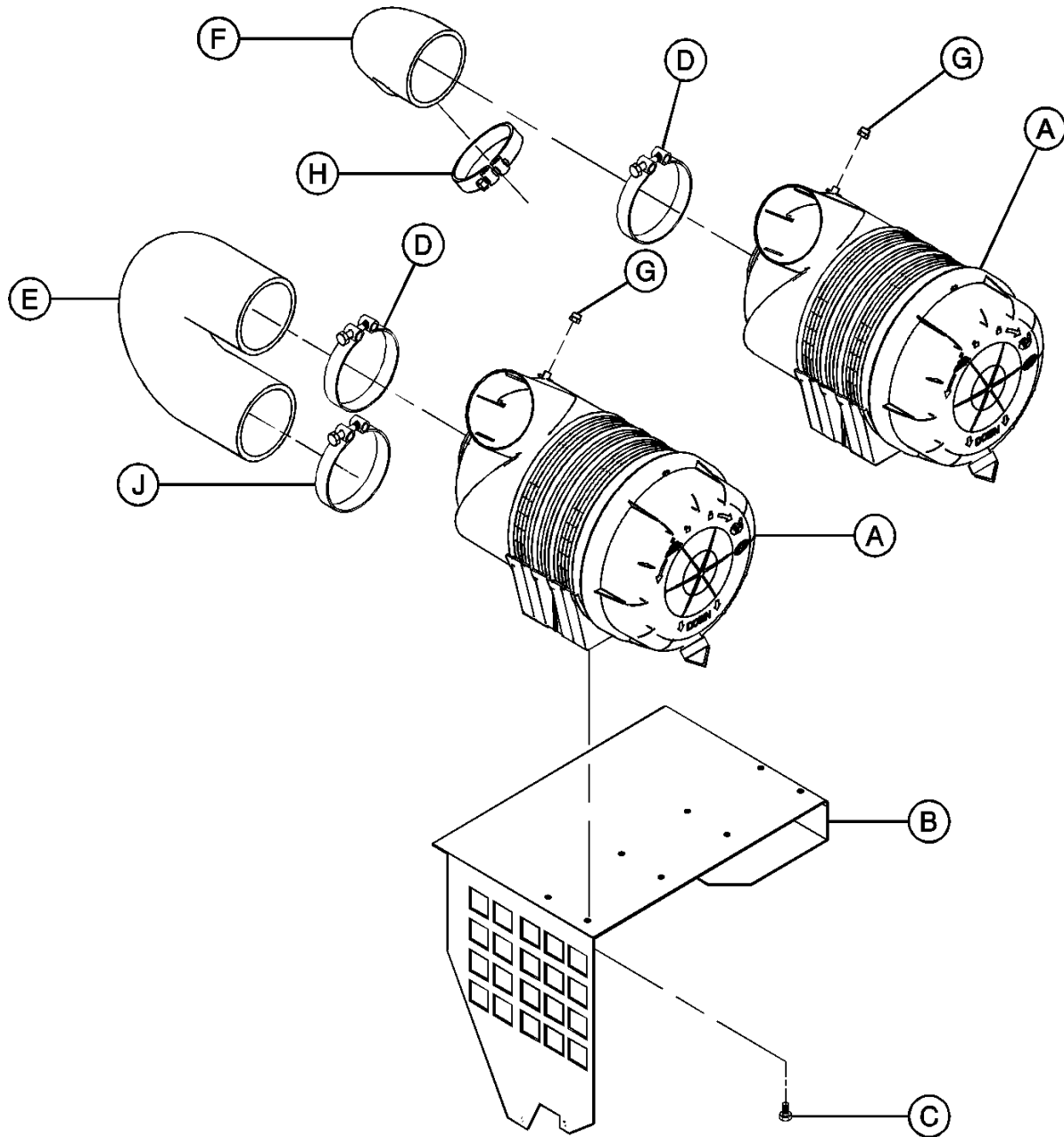


22666101_26_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	35322395	SILENCER, PNEUMATIC 1/4 NPT	1	
Q	35369339	CONNECTOR, FEMALE 1/4 NPT X 3/8 TUBE	1	
R	35356484	TUBING, 3/8 SYNPLEX	8.5	
S	95940748	BUSHING, REDUCING 3/8 NPT X 1/4	1	
T	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	
U	95280541	PLUG, HEX 1.06-16 SAE	1	
V	36895977	REDUCER, FUEL LINE 5/16 X 1/4	1	
W	54468160	FILTER, FUEL/WATER SEPARATOR	1	
X	36889608	SCREW, HEX FLG HD M08-1.25 X 25	2	
Y	36881886	NUT, HEX FLG M08-1.25	2	
Z	35378538	ELBOW, BARBED	2	
A1	92726017	GROMMET	1	
A2	92808666	FILTER, FUEL	1	

AIR INTAKE COMPLETE

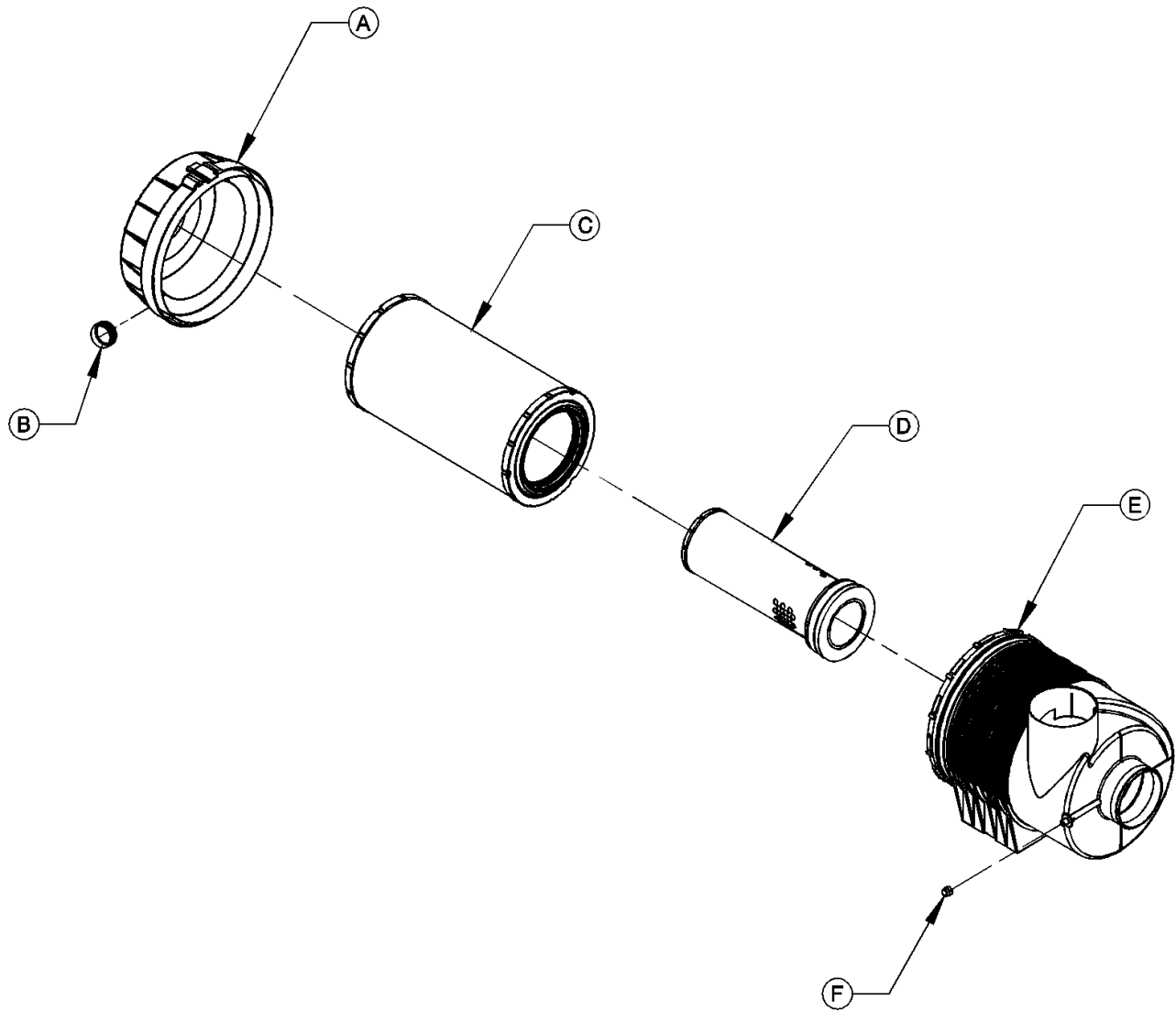
➡ **DRAWBAR END**



22666101_27_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54661889	AIR CLEANER ASSEMBLY	2	
B	54747977	SUPPORT, AIR CLEANER	1	
C	96702048	SCREW, HEX M08-1.25 X 16	8	
D	22067714	CLAMP, T-BOLT	2	
E	54756044	HOSE, A/E AIR INTAKE	1	
F	54667084	HOSE, ENGINE AIR INTAKE	1	
G	35314939	INDICATOR, RESTRICTION	2	
H	35374073	CLAMP, T-BOLT	1	
J	36897668	CLAMP, T-BOLT	1	

AIR CLEANER ASSEMBLY
AIR CLEANER ASSEMBLY

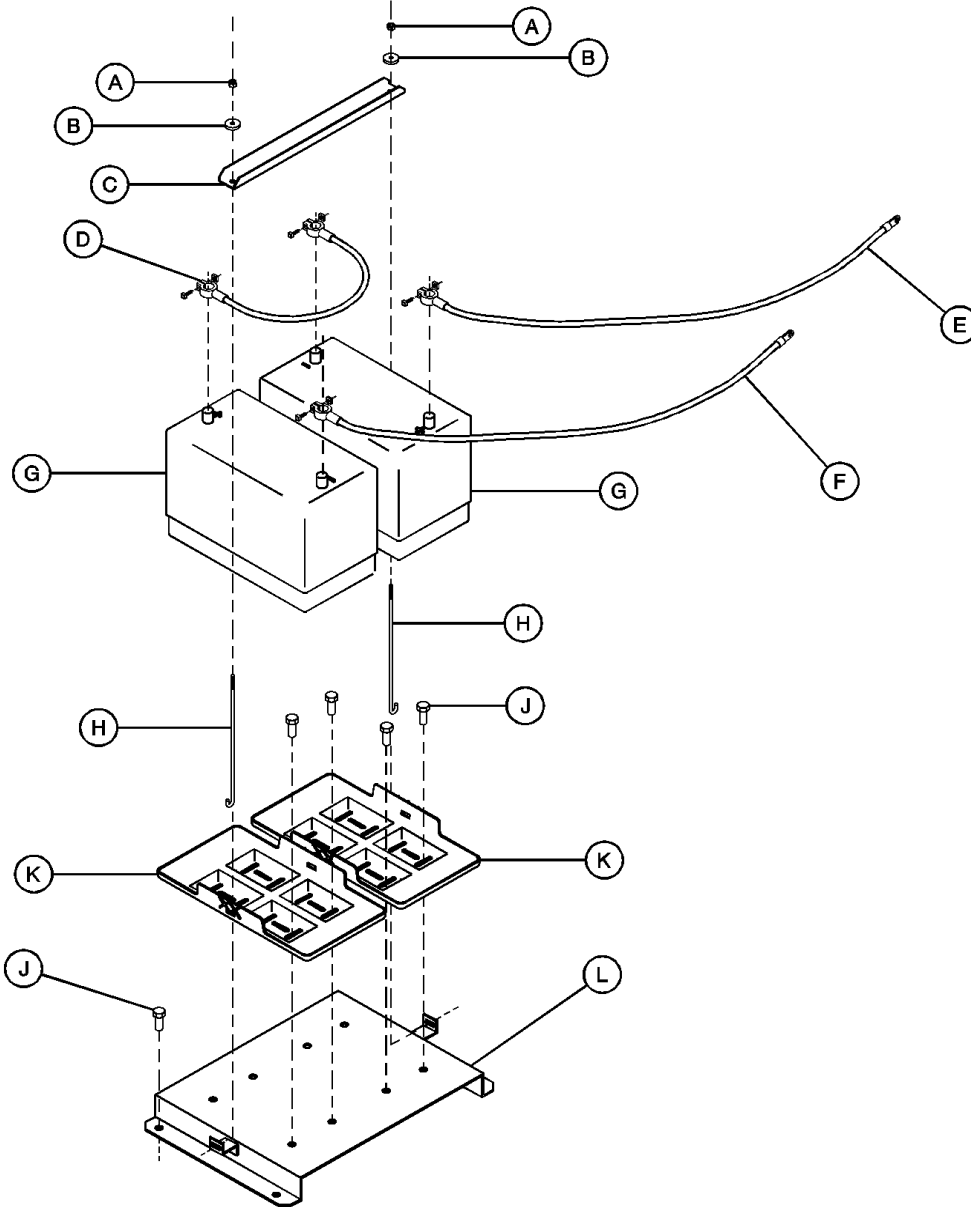


22666101_28_07/05_A

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

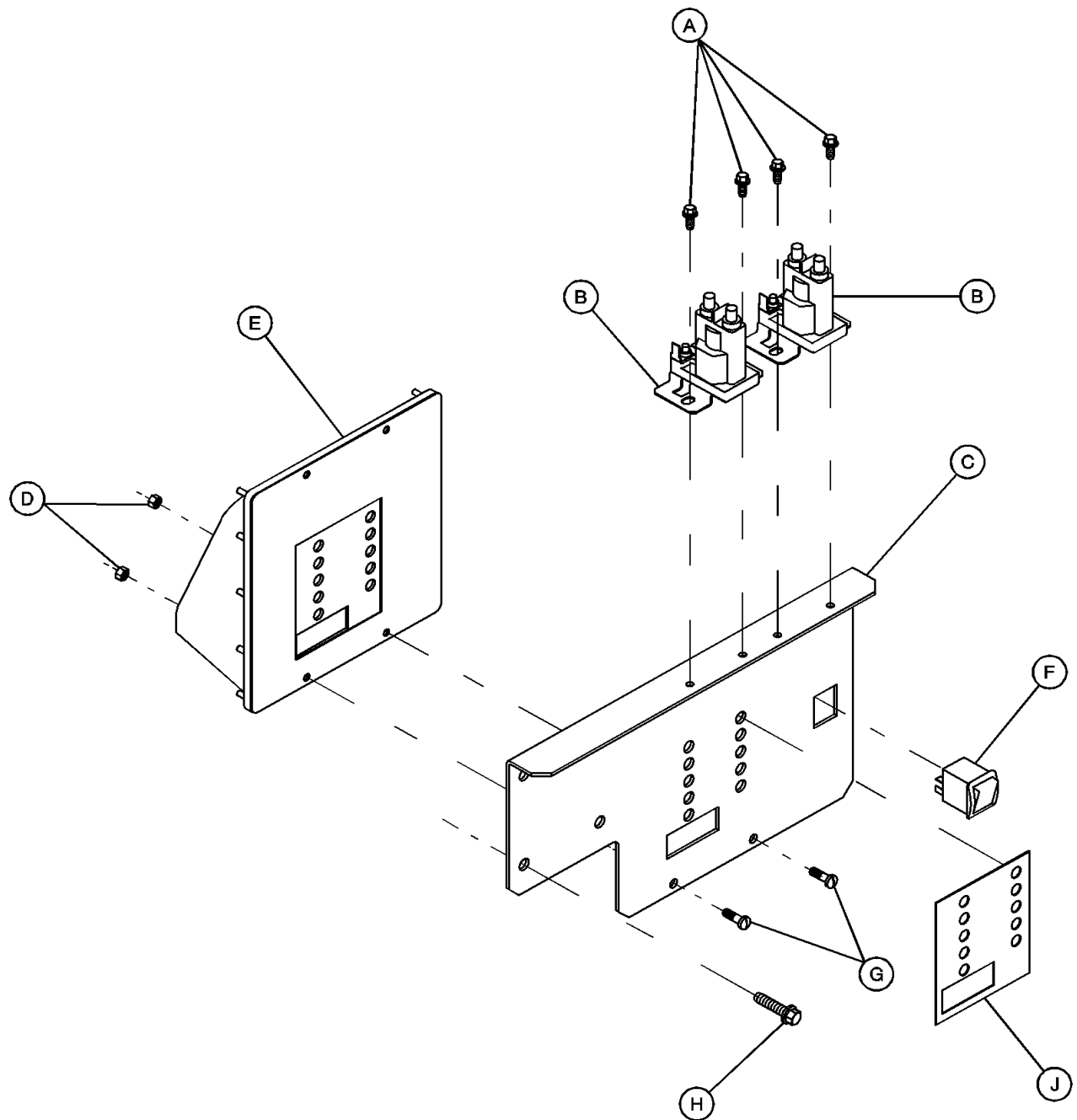
► DRAWBAR END



22666101_29_07/05_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	35598986	CABLE, JUMPER	1	
E	35583582	CABLE, POSITIVE BATTERY	1	
F	35610856	CABLE, NEGATIVE BATTERY	1	
G	22413876	BATTERY, 12V	2	
H	36860005	J-BOLT, 1/4-20	2	
J	92368687	SCREW, HEX M06-1.0 X 14	12	
K	36878064	TRAY, BATTERY	2	
L	22425821	BRACKET, BATTERY MOUNTING	1	

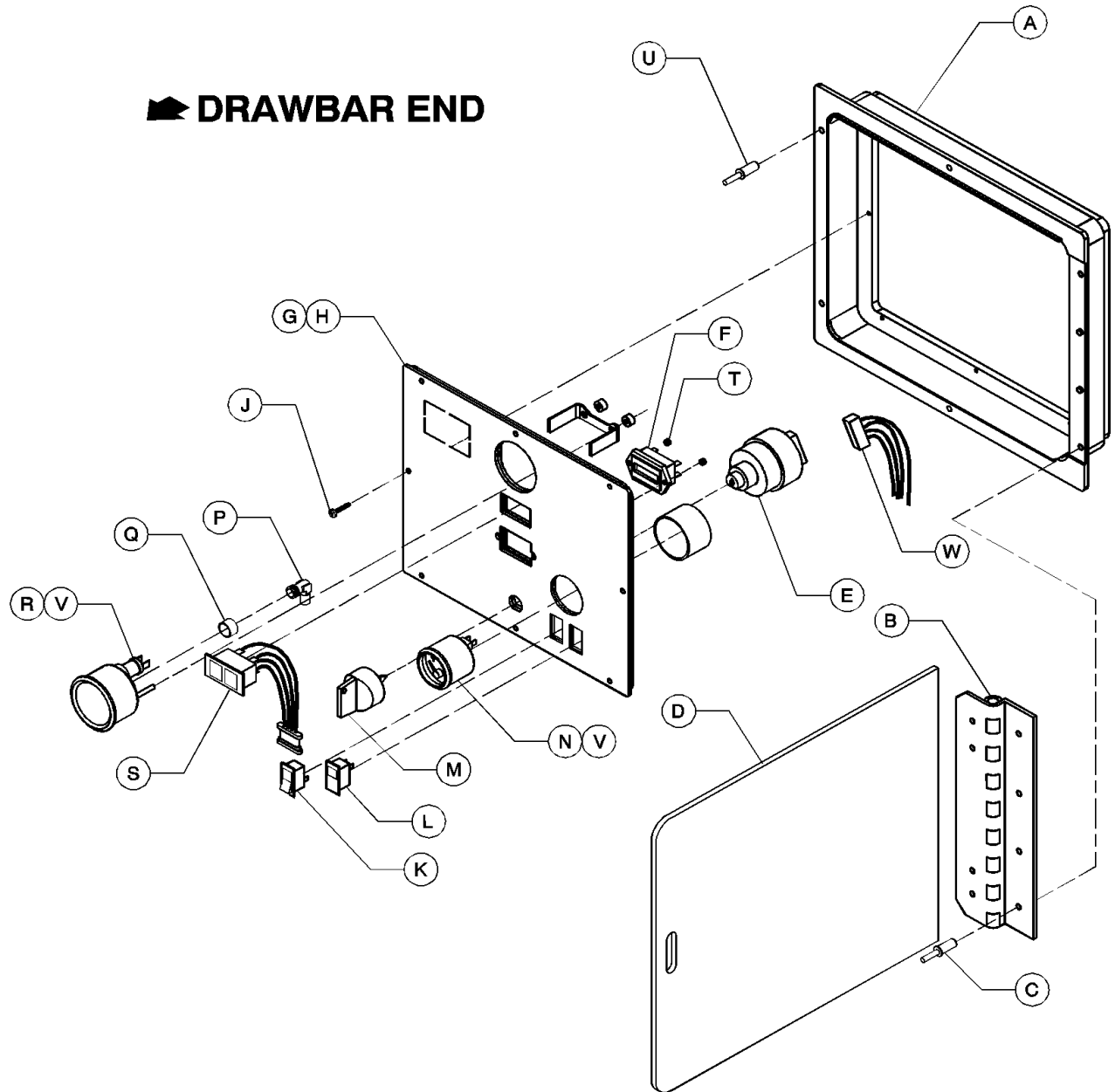
WEDGE CONTROLLER
WEDGE CONTROLLER



22666101_30_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	92368687	SCREW, TAPPING M06-1.0 X 12	4	
B	36853521	RELAY, 100AMP	2	
C	22197776	BRACKET, WEDGE MOUNTING	1	
D	35375807	NUT, HEX M05-0.8	4	
E	22173579	WEDGE MODULE	1	
F	54475777	SWITCH, ROCKER	1	
G	35369446	SCREW, HEX M05-0.8 X 50	4	
H	35279025	SCREW, TAPPING M08-1.25 X 20	4	
J	22215354	DECAL, WEDGE	1	

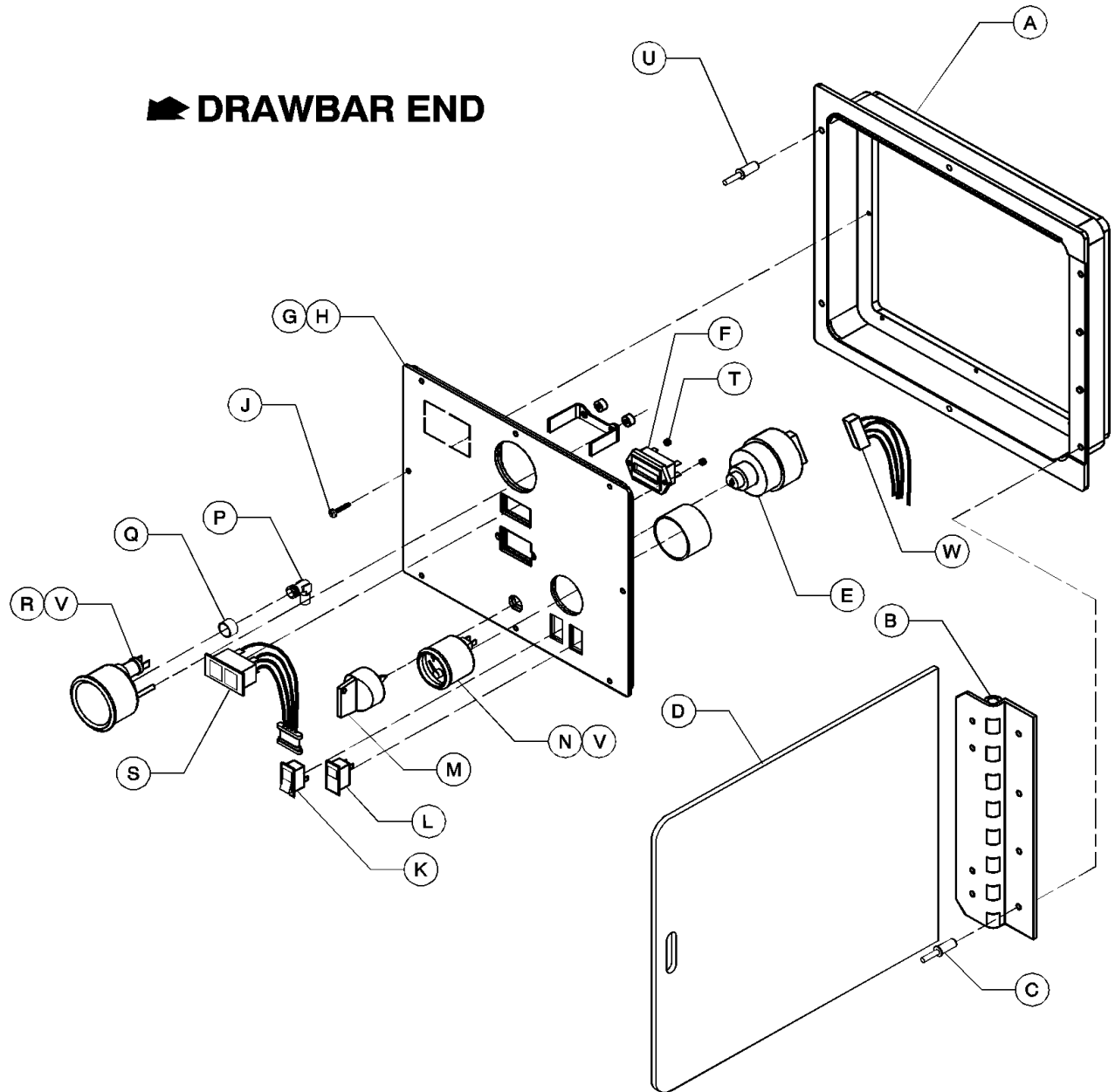
INSTRUMENT / CONTROL PANEL



22666101_31_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INST PANEL	1	
B	22107478	HINGE, SPRING CONT PNL	1	
C	36877587	RIVET, .19 DIA	4	
D	54743265	DOOR, CONTROL PANEL	1	
E	22127385	SWITCH, KEY	1	
F	22054175	HOURLMETER	1	
G	22171680	PANEL, INSTRUMENT	1	
H	22171698	DECAL, WW INST PANEL	1	
J	22070494	SCREW, PLASTIC TAPPING	8	
K	22054076	SWITCH, ROCKER	1	
L	22050553	LIGHT, WARNING	1	

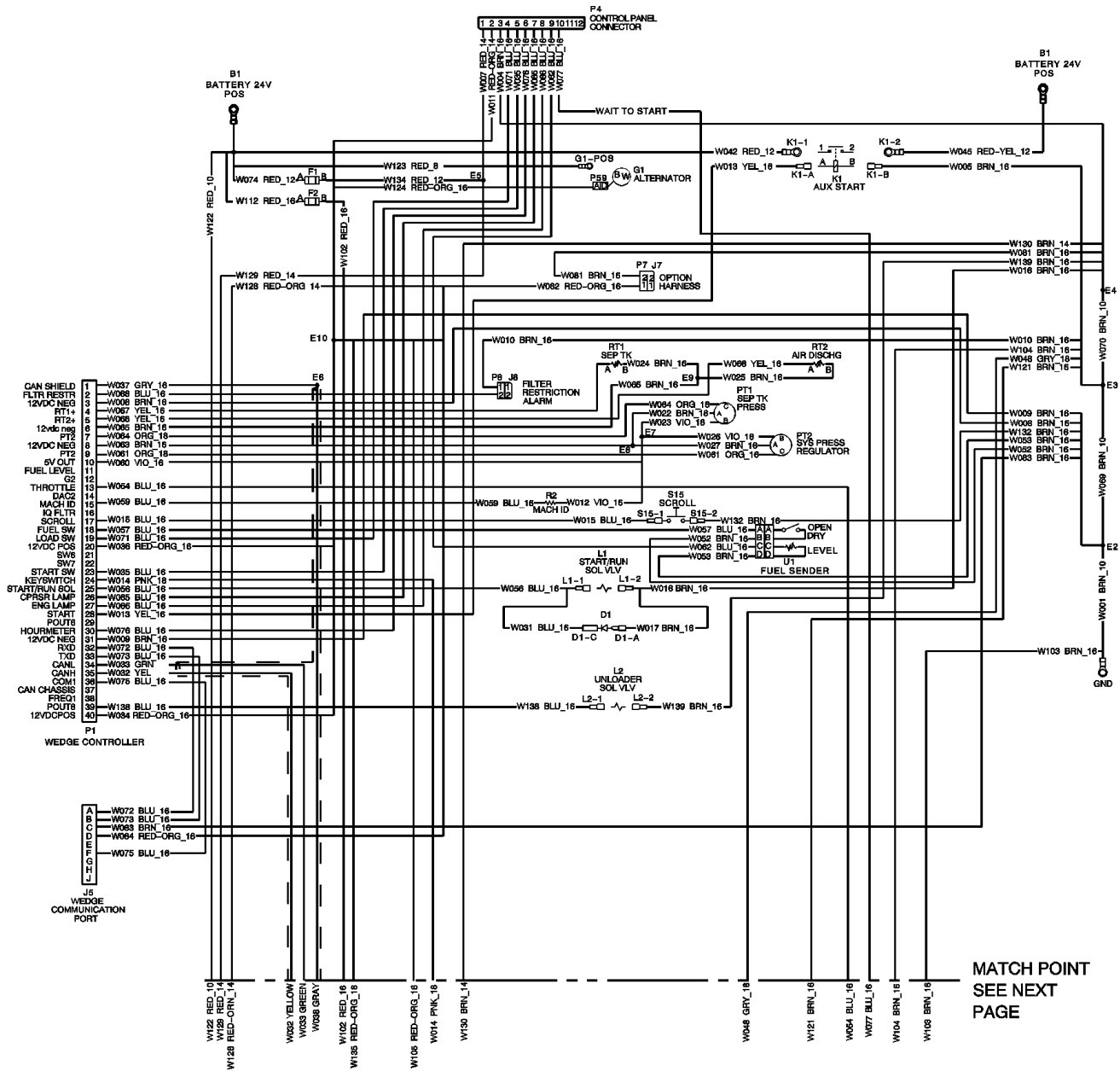
INSTRUMENT / CONTROL PANEL (cont'd)
INSTRUMENT / CONTROL PANEL (cont'd)



22666101_31_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	22134118	KNOB, NON-REMOVABLE KEY	1	
N	22050991	GAUGE, FUEL LEVEL	1	
P	35370386	ELBOW, MALE 1/8 NPT X 3/8 TUBE	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	
W	22205223	HARNESS, WIRING JUMPER	1	

WIRING DIAGRAM

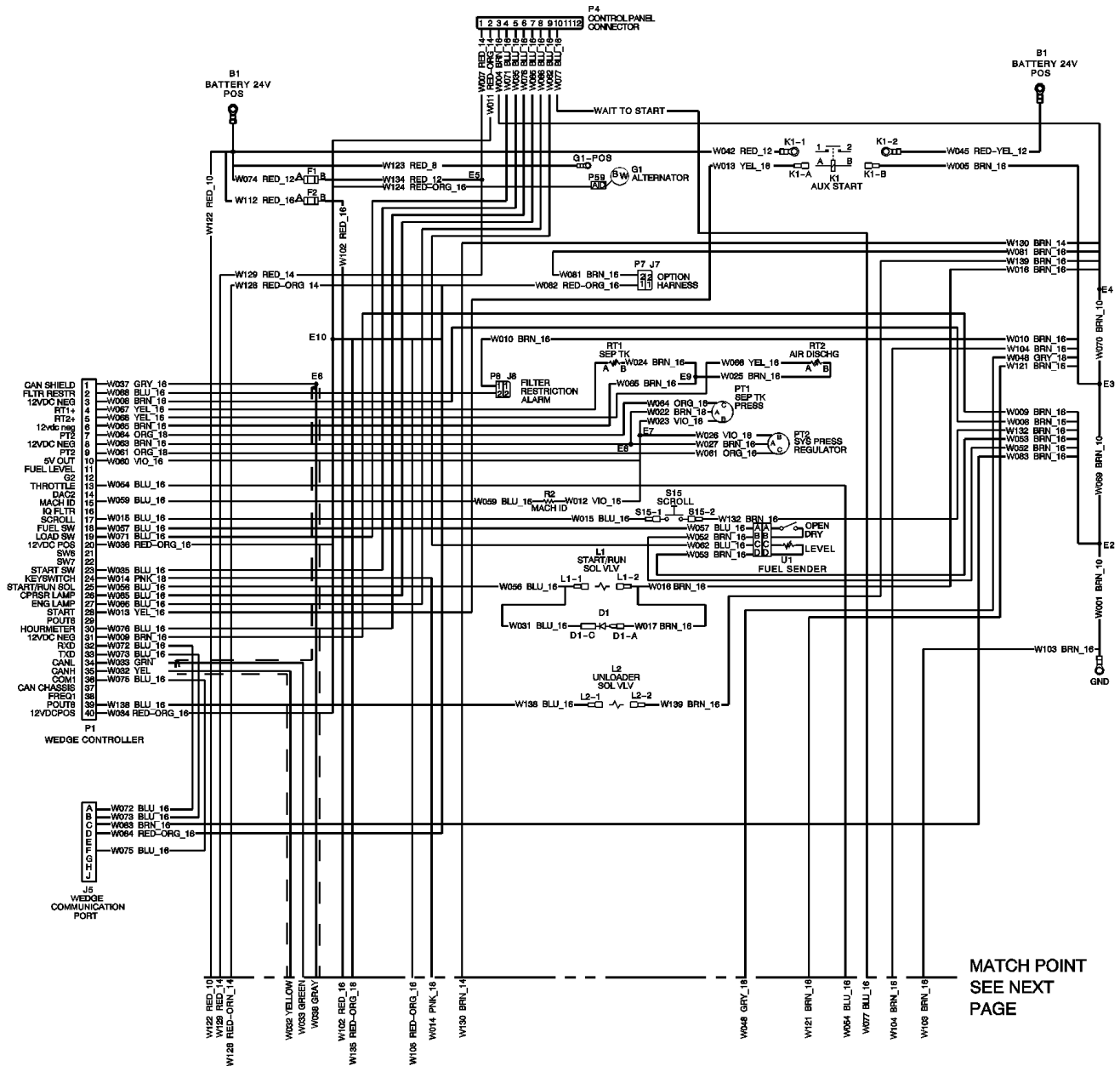


22666101_32_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1	22413876	BATTERY, 12VDC		
D1	35376169	DIODE		
F1	36792083	FUSE, 20A		
F2	36782456	FUSE, 10A		
G1	22206221	ALTERNATOR		
K1	36853521	RELAY		
L1	36840841	VALVE, START/RUN SOLENOID		
L2	36840841	VALVE, UNLOADER SOLENOID		

(P600, 7/170)

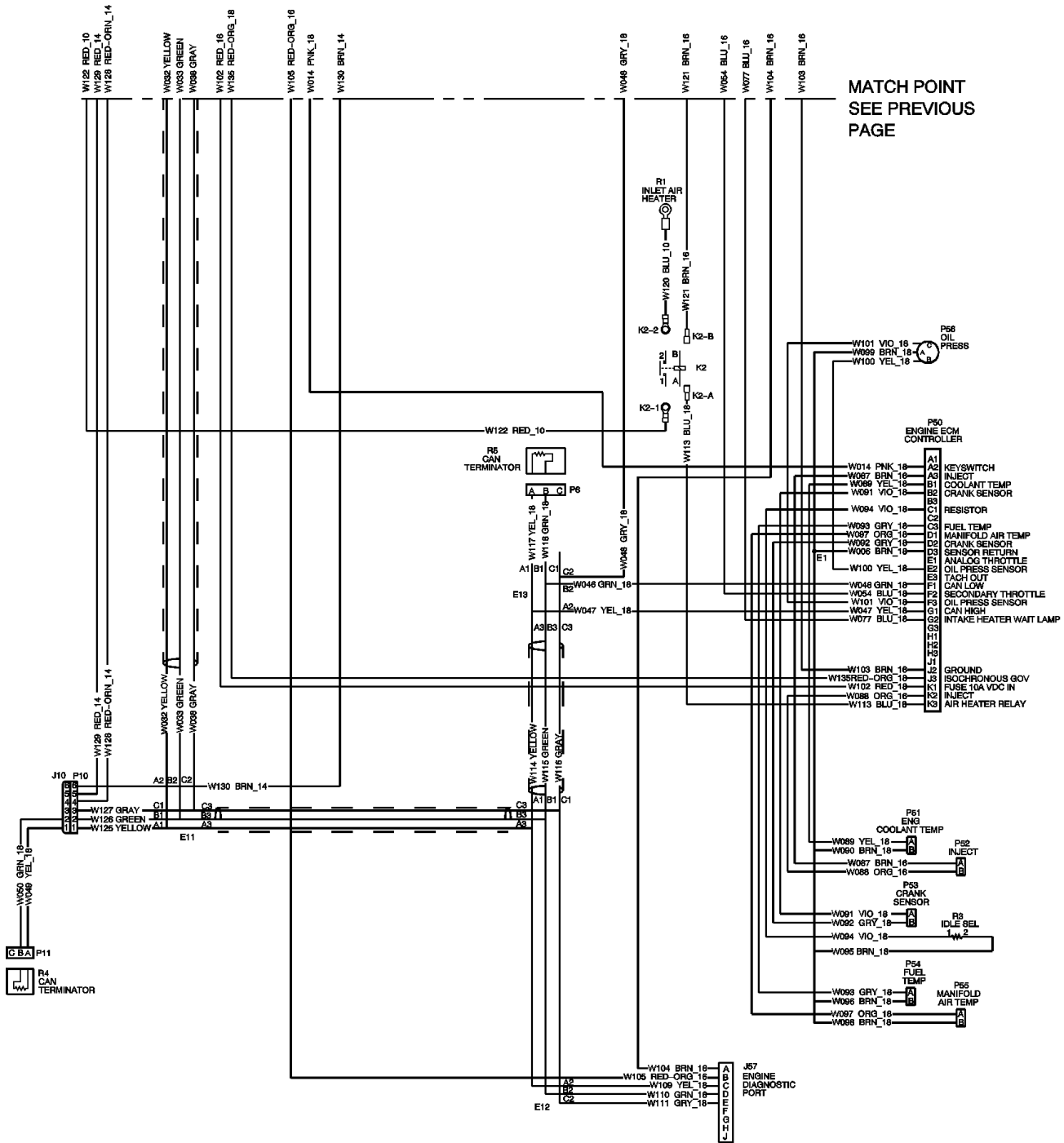
WIRING DIAGRAM (cont'd)
WIRING DIAGRAM (cont'd)



22666101_32_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
PT1	54765946	TRANSDUCER, 0-500 PSIG (SEP TK)		
PT2	36920825	TRANSDUCER, 100 PSIG		
R2	22201354	RESISTOR, MACHINE ID (45.3K OHM)		
RT1	36898922	SENSOR, THERMAL (SEP TK)		
RT2	36898922	SENSOR, THERMAL (DISCHARGE AIR)		
S15	54475777	SWITCH, MOMENTARY ROCKER (SCROLL)		
U1	54731427	SENDER, FUEL LEVEL		
W2	22199061	HARNESS, ENGINE		

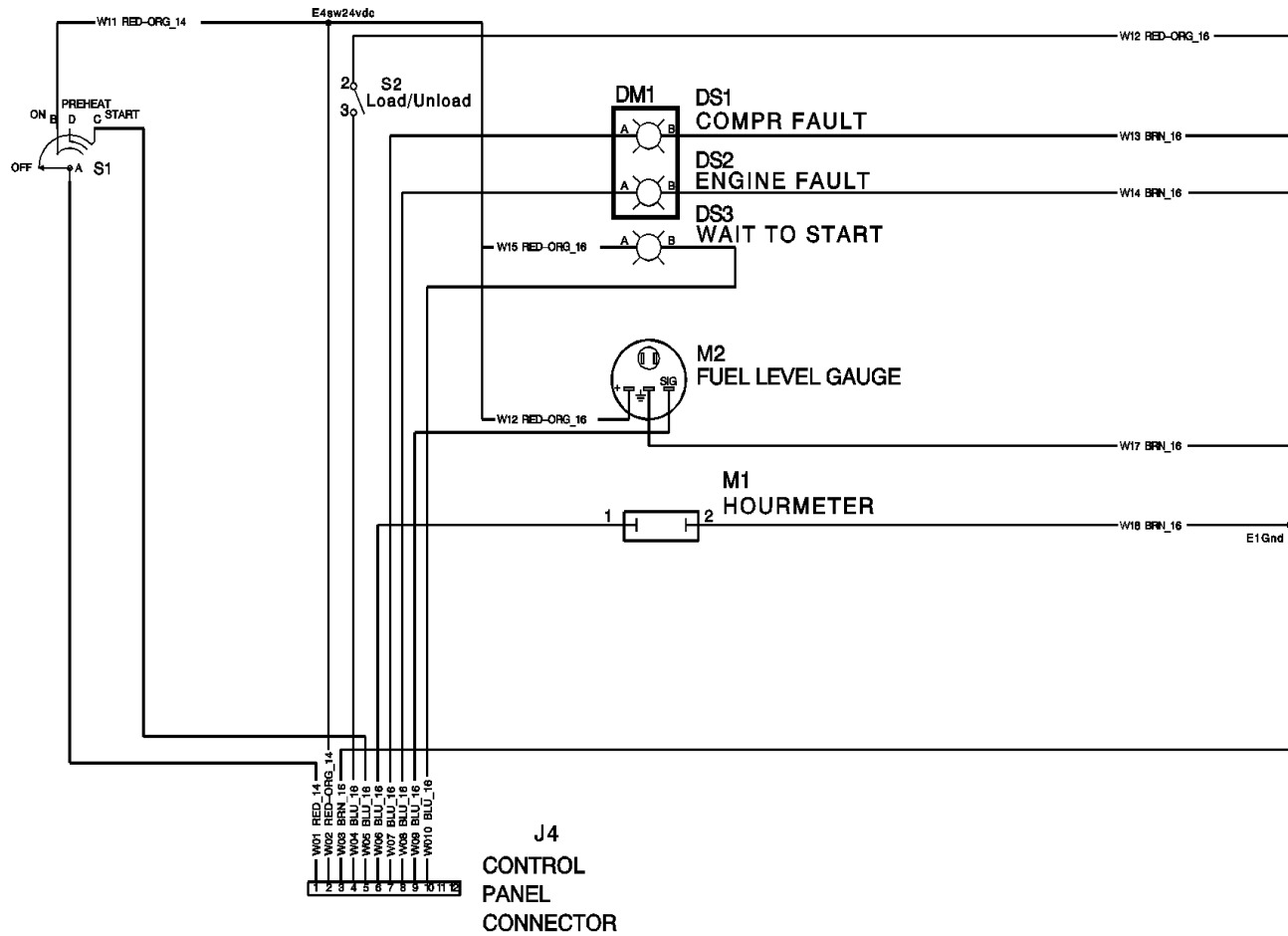
WIRING DIAGRAM (cont'd)



22666101_33_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K2	36853521	RELAY		
P51	22222590	SENSOR, COOLANT TEMPERATURE		
P53	22222582	SENSOR, CRANK		
P55	22222608	SENSOR, MANIFOLD AIR TEMP		
P56	22222574	SENSOR, OIL PRESSURE		
R1	85473981	HEATER, INLET AIR		

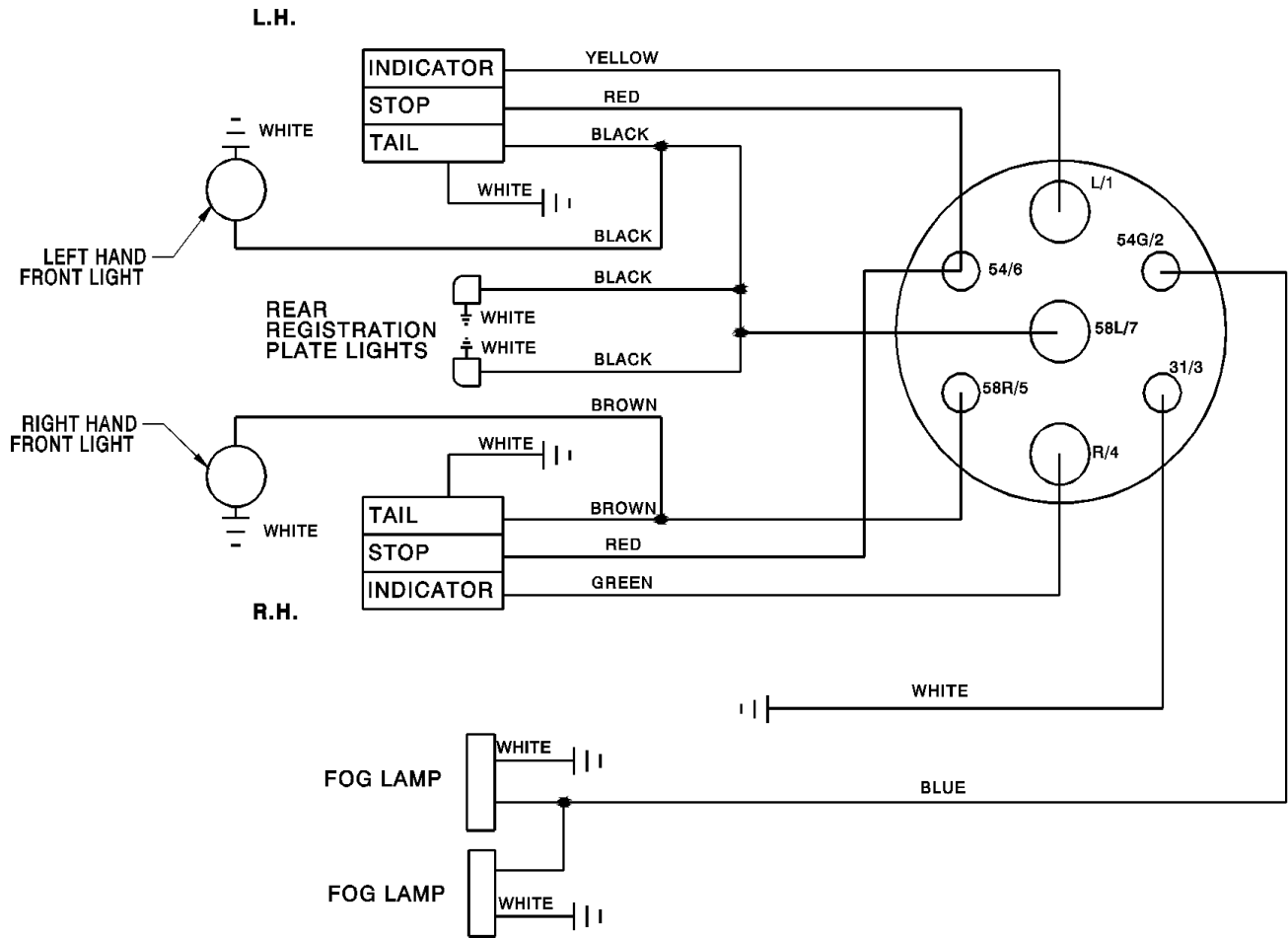
PANEL SCHEMATIC PANEL SCHEMATIC



22666101_34_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DM1	22172423	MODULE, 2-LIGHT WARNING		
DS3	22050553	LIGHT, WARNING (WAIT TO START)		
M1	22054175	HOURLMETER		
M2	22137426	GAUGE, FUEL LEVEL		
S1	22127385	SWITCH, START		
S2	22054076	SWITCH, ROCKER (LOAD/UNLOAD)		
W1	22205223	HARNESS, PANEL WIRING		

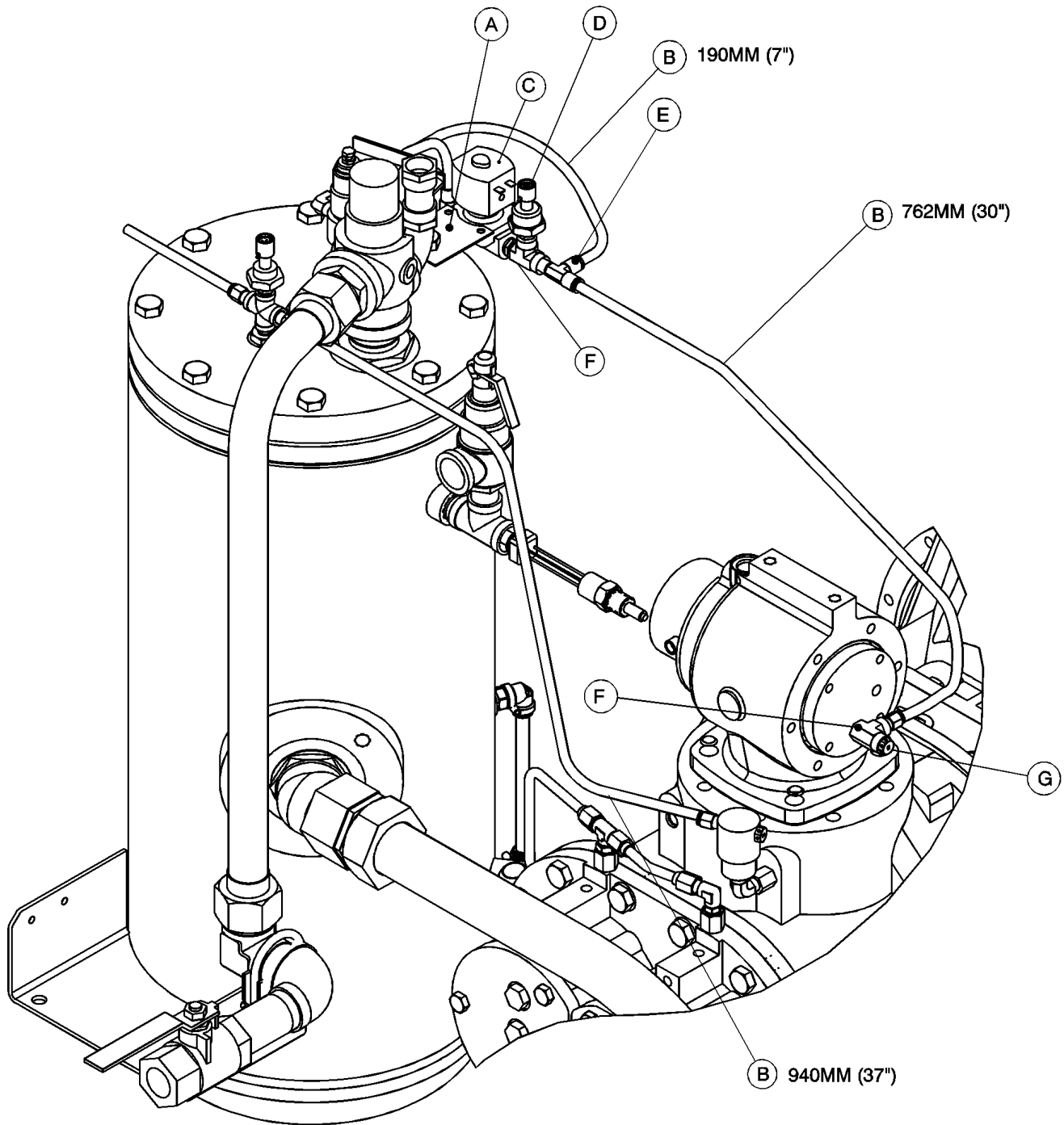
TAIL LIGHT WIRING DIAGRAM



22666101_35_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	22413876	BATTERY, 12VDC	1	
	93477388	LIGHT, REAR FOG	1	
	92901230	LIGHT, REGISTRATION PLATE	1	
	92121250	LIGHT, FRONT SIDE	2	
	92901222	LIGHT, TAIL / STOP / DIRECTION	2	
	22173454	HARNESS, LIGHT	1	

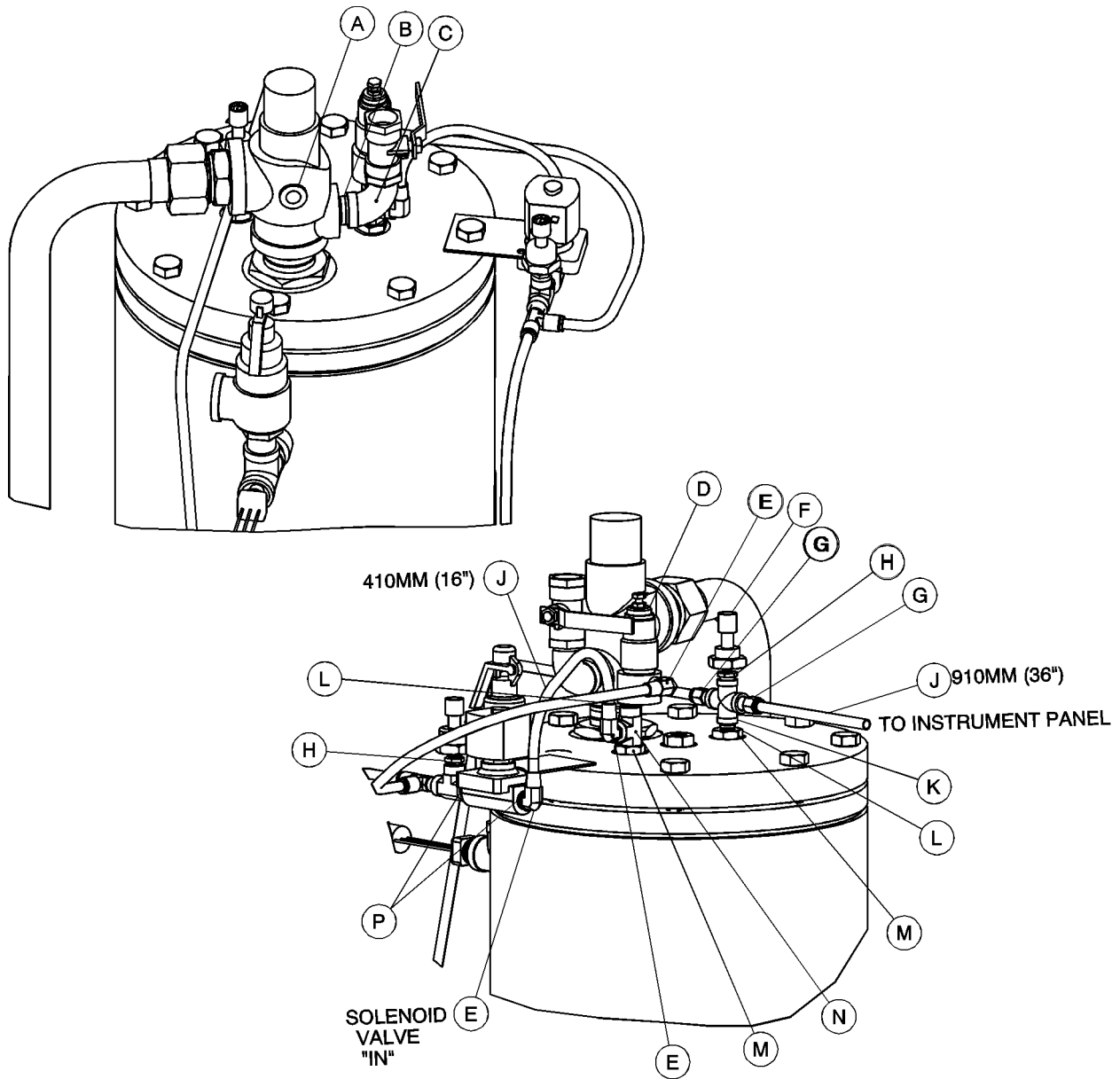
AIR PIPING
AIR PIPING



22666101_36_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892669	BRACKET, START-RUN VALVE	1	SEE LENGHTS ABOVE
B	35356484	TUBING, .38 OD SYNFLX	*	
C	36840841	SOLENOID, 24 V 0-100 PSI	1	
D	36920825	TRANSDUCER, 0-100 PRESS	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	

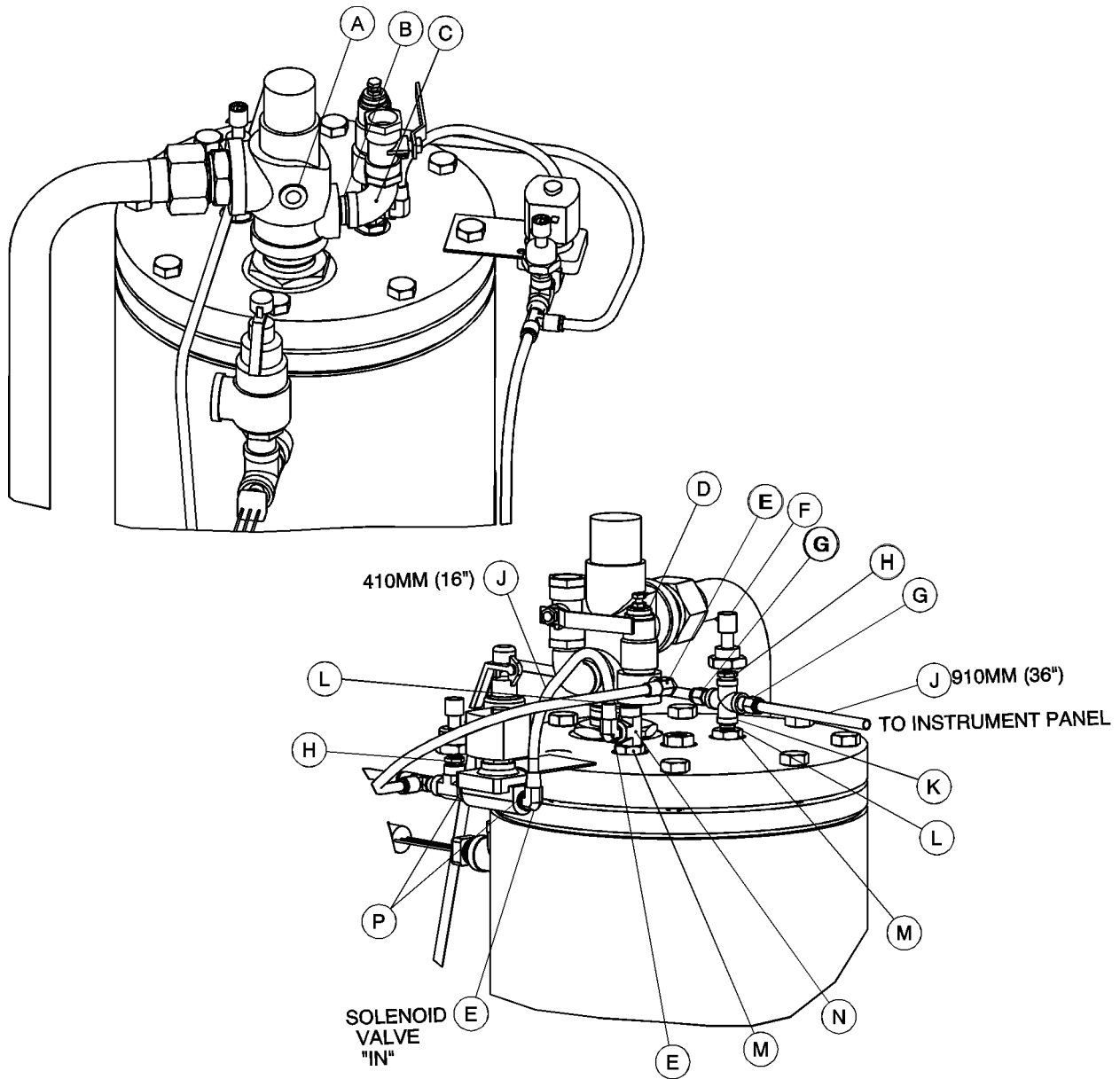
AIR PIPING (cont'd)



22666101_37_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95928230	PLUG, HEX SOCKET 1/4 NPT	1	
B	95928040	NIPPLE, CLOSE 3/4 NPT X 1.38	1	
C	95928172	ELBOW, 90o 3/4 NPT STREET	1	
D	36854149	REGULATOR, PRESSURE 100 PSI	1	(7/120, 9/110)
	36896892	REGULATOR, PRESSURE 200 PSI	1	(10/105, 14/85)
E	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	3	
F	54765946	TRANSDUCER, PRESSURE 0-500 PSI	1	
G	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	2	

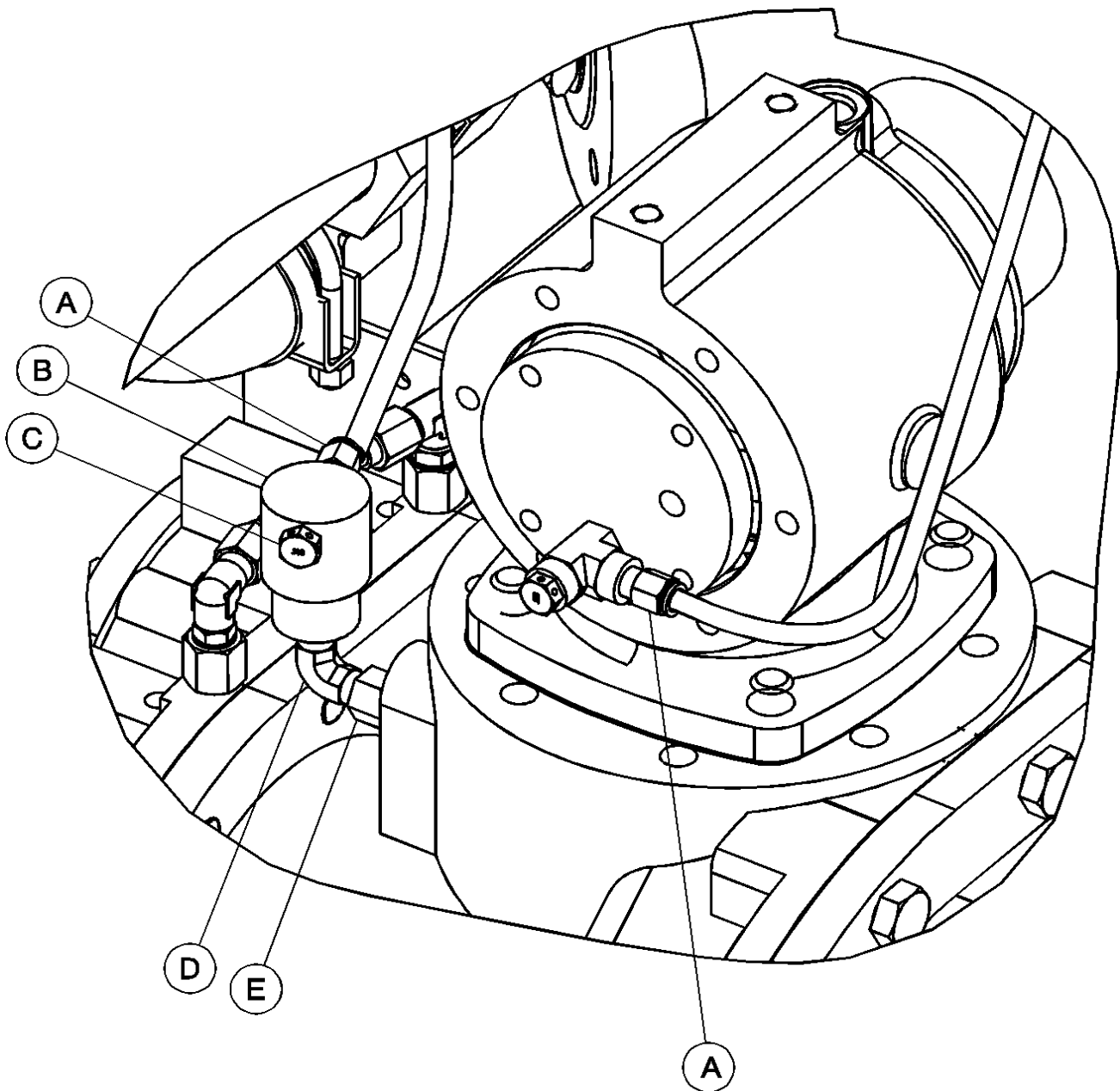
AIR PIPING (cont'd)
AIR PIPING (cont'd)



22666101_37_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	95930301	BUSHING, REDUCING .25 NPT X .12 NPT	2	SEE LENGHTS ABOVE
J	35356484	TUBING, .38 OD SYNPLEX	*	
K	95954293	CROSS, .25 NPT	1	
L	95944575	NIPPLE, CLOSE 1/4" NPT X 7/8	2	
M	95773032	ADAPTER, .88-14 X .25 NPT FEMALE	2	
N	35114545	TEE, STREET 1/4 NPT	1	
P	95940748	BUSHING, REDUCING .38NPT X .25NPT	2	

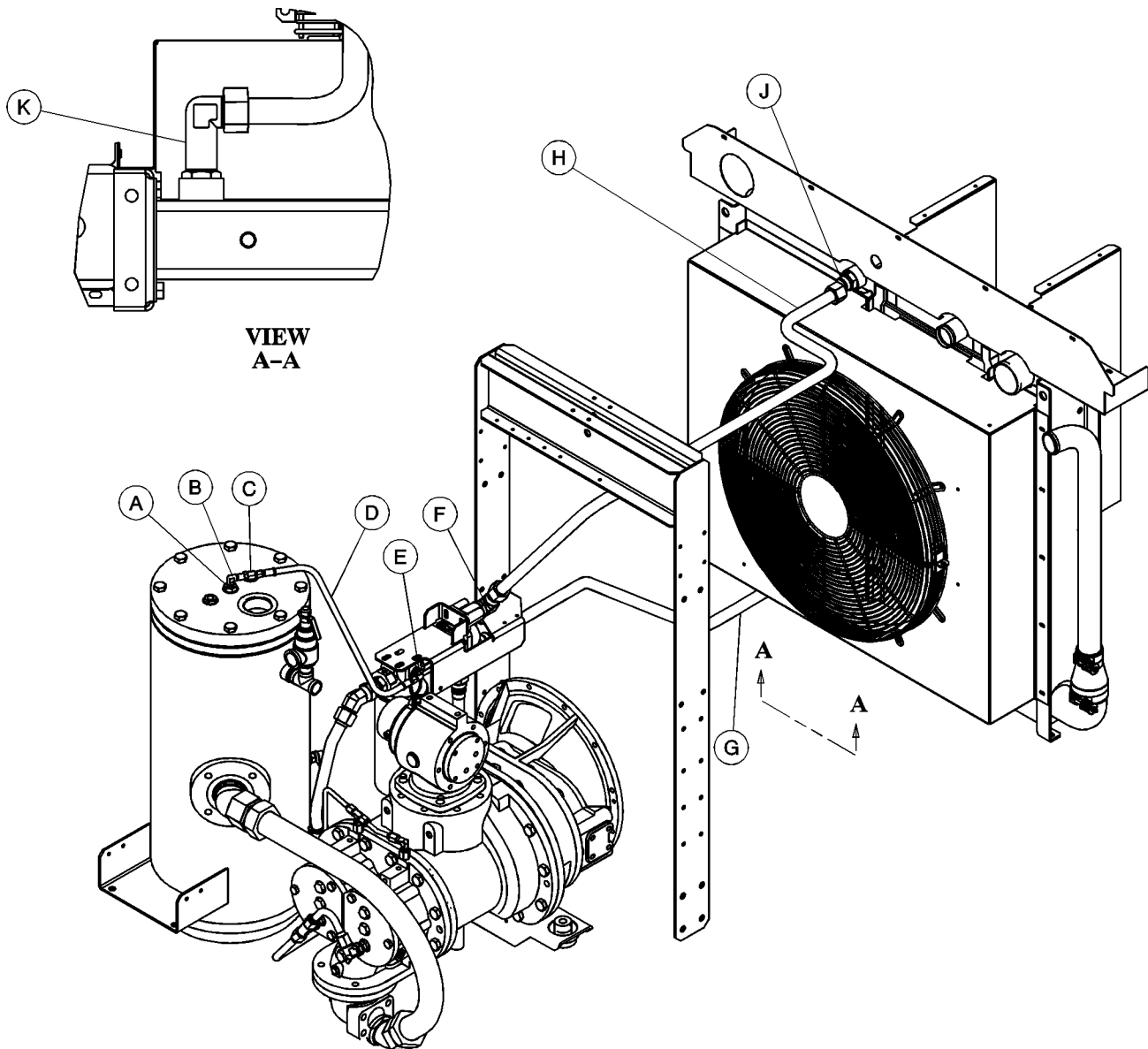
AIR PIPING (cont'd)



22666101_38_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	2	Repair Kit 35379064
B	35322379	VALVE, BLOWDOWN	2	
C	36766756	ORIFICE, MUFFLER .140	1	
D	95364469	ELBOW, .25 NPT X .25 NPT	1	
E	35302314	ADAPTER, 9/16-18 X 1/4 NPT	1	

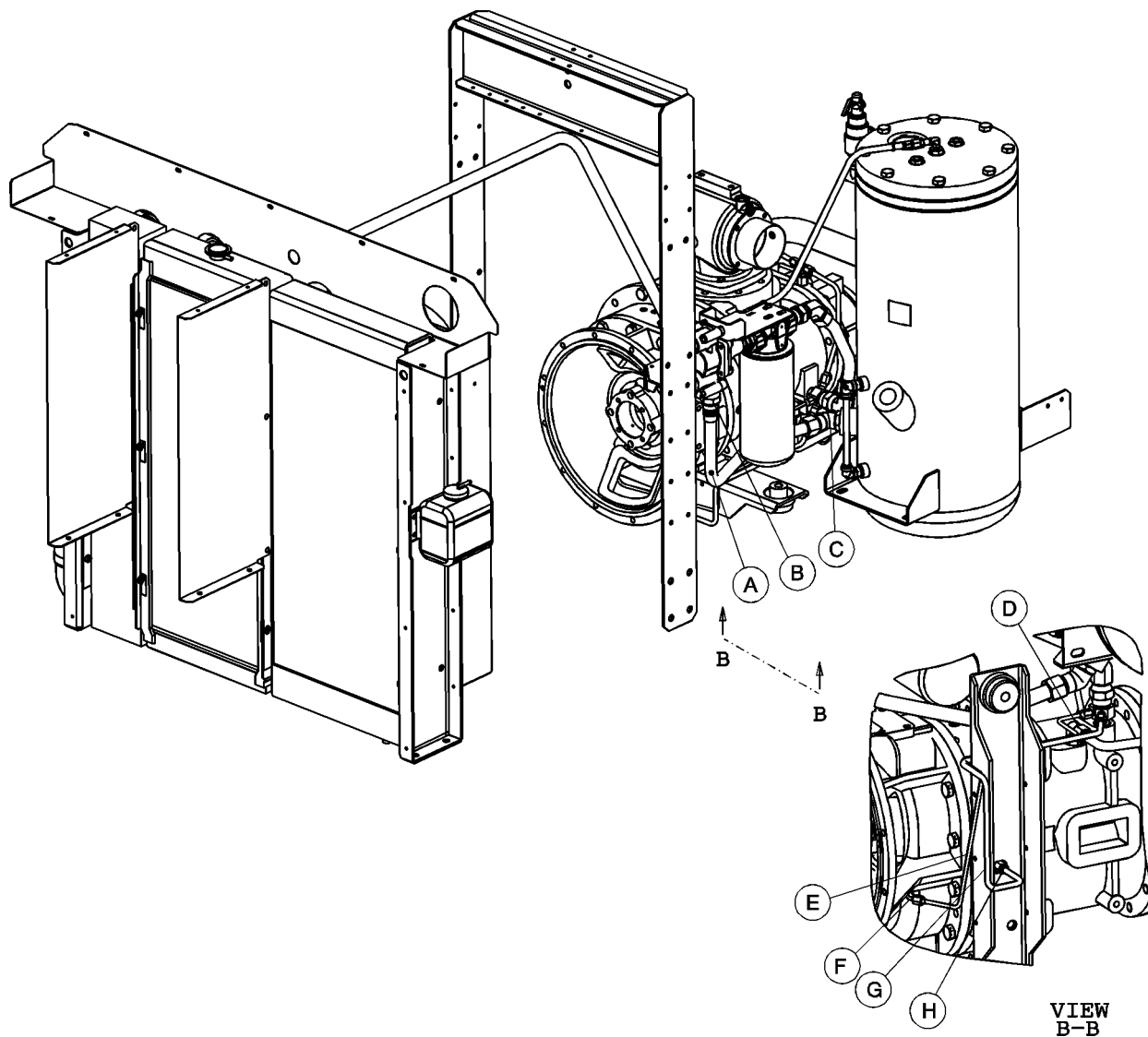
OIL PIPING
OIL PIPING



22666101_39_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54721337	ADAPTOR, OIL SCAVENGE	1	
B	95944666	ELBOW, STREET 90o 1/4 NPT	1	
C	36840411	VALVE, CHECK	1	
D	35282920	HOSE, SCAVENGE	1	
E	95365094	ELBOW, 90o 9/16-18 X -4 JIC	1	
F	95938171	ELBOW, 90o 1.31-12 SAE	1	
G	54755731	TUBE ASSEMBLY, OIL COOLER-OTBV	1	
H	54679998	TUBE ASSEMBLY, TOP OIL COOLER-OTBV	1	
J	95955993	CONNECTOR, 1.31-12 SAE X -16JIC	1	

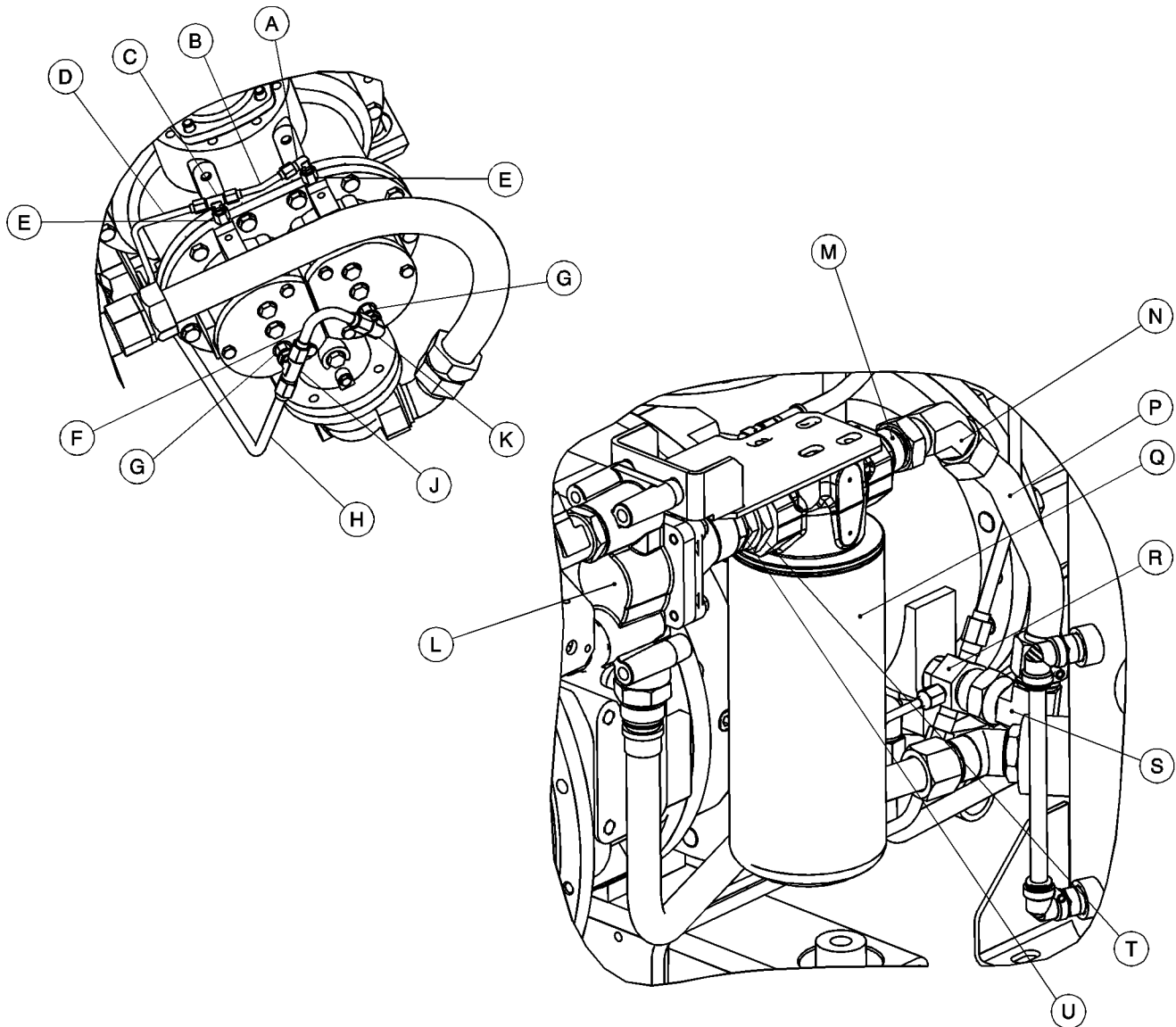
OIL PIPING (cont'd)



22666101_40_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35227909	HOSE, -16 JIC X 25"	1	
B	95955993	CONNECTOR, 1.31-12 X 1.31-12	1	
C	95992632	ELBOW, 45o 1.31-12 X 1" TUBE	1	
D	35305622	ELBOW, 90o 3/4-16 X -10 JIC	1	
E	36846152	TUBE, FRONT OIL SEAL	1	
F	35279884	ELBOW, 45o 7/16-20 X -4 JIC	1	
G	36879013	TUBE, FRONT BEARING OIL SUPPLY	1	
H	95402806	ADAPTER, 7/16-20 X -6 JIC	1	

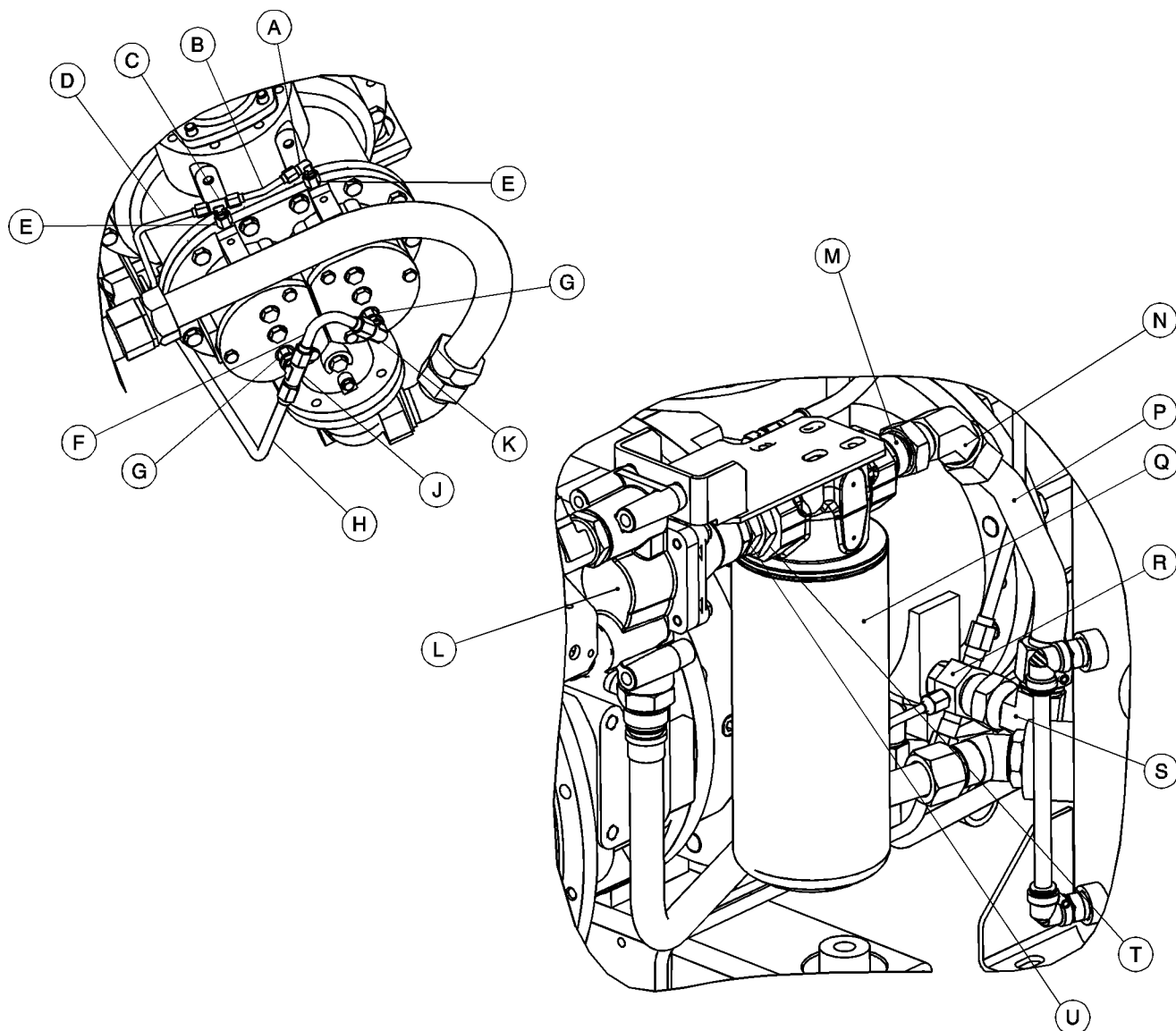
OIL PIPING (cont'd)
OIL PIPING (cont'd)



22666101_41_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35279827	ELBOW, 90o 9/16-18 X -6 JIC	1	
B	36795482	TUBE ASSEMBLY	1	
C	35279843	TEE, 9/16-18 X -6 JIC	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 -10 JIC	2	
H	36846103	TUBE, BEARING OIL SCAVENGE	1	
J	36846129	TEE, 7/8-14 X -10 JIC	1	
K	35286491	ELBOW, 90o 7/8-14 X -10 JIC	1	

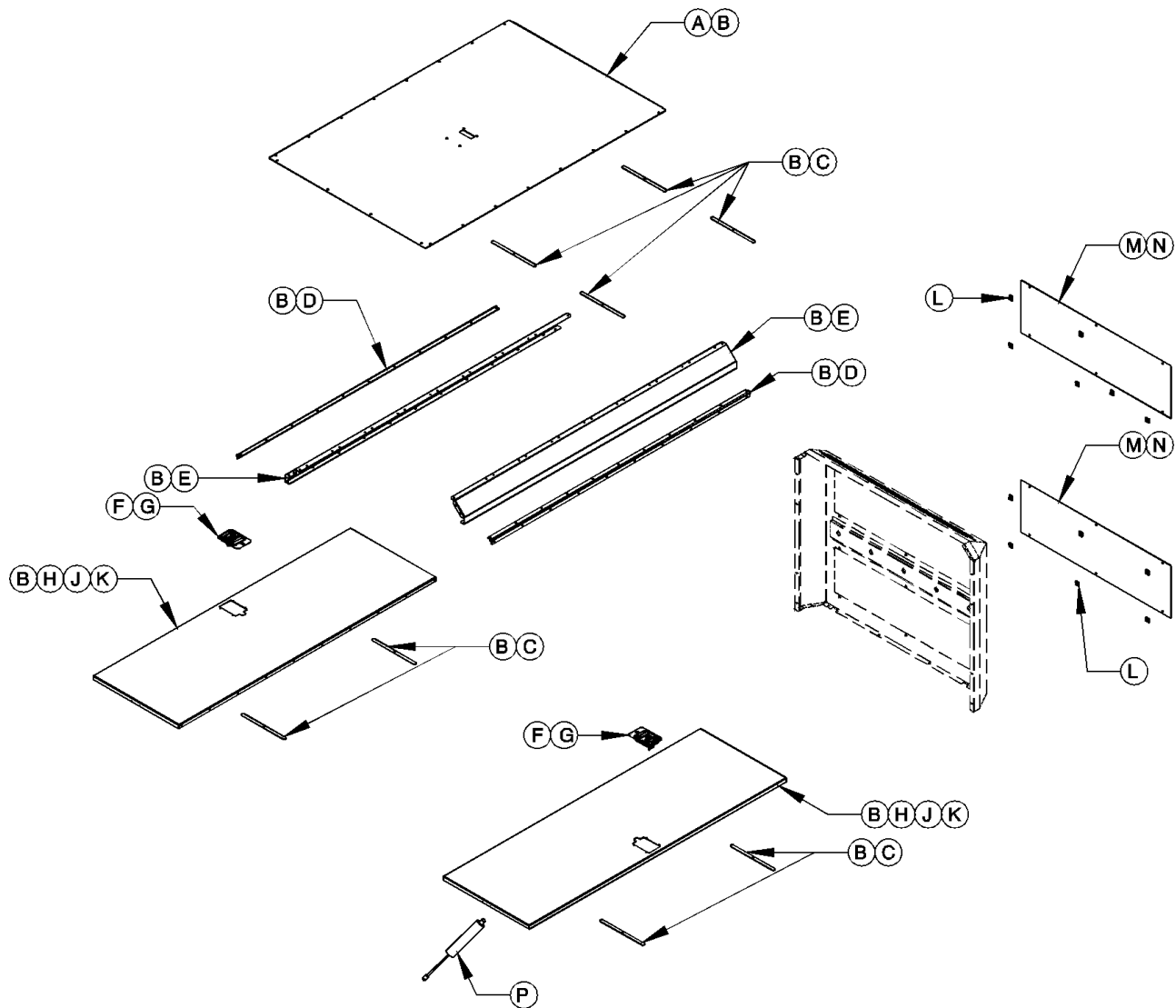
OIL PIPING (cont'd)



22666101_41_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	54414420	ASSEMBLY, OTBV 1-5/16" SAE	1	
M	35292069	CONNECTOR, 1.62-12 X -16 JIC	1	
N	35307206	ELBOW, 45o SWIVEL -16 JIC X 1" TUBE	1	
P	35324177	HOSE ASSEMBLY, -16 JIC X 13"	1	
Q	36897346	ELEMENT, OIL FILTER	1	
R	36845154	MANIFOLD, OIL	1	
S	35292051	ELBOW, 90o SWIVEL NUT -16	1	
T	95954913	REDUCER, 1.62-12 X 1.31-12 FEMALE	1	
U	95954921	UNION, STRAIGHT 1.31-12	1	

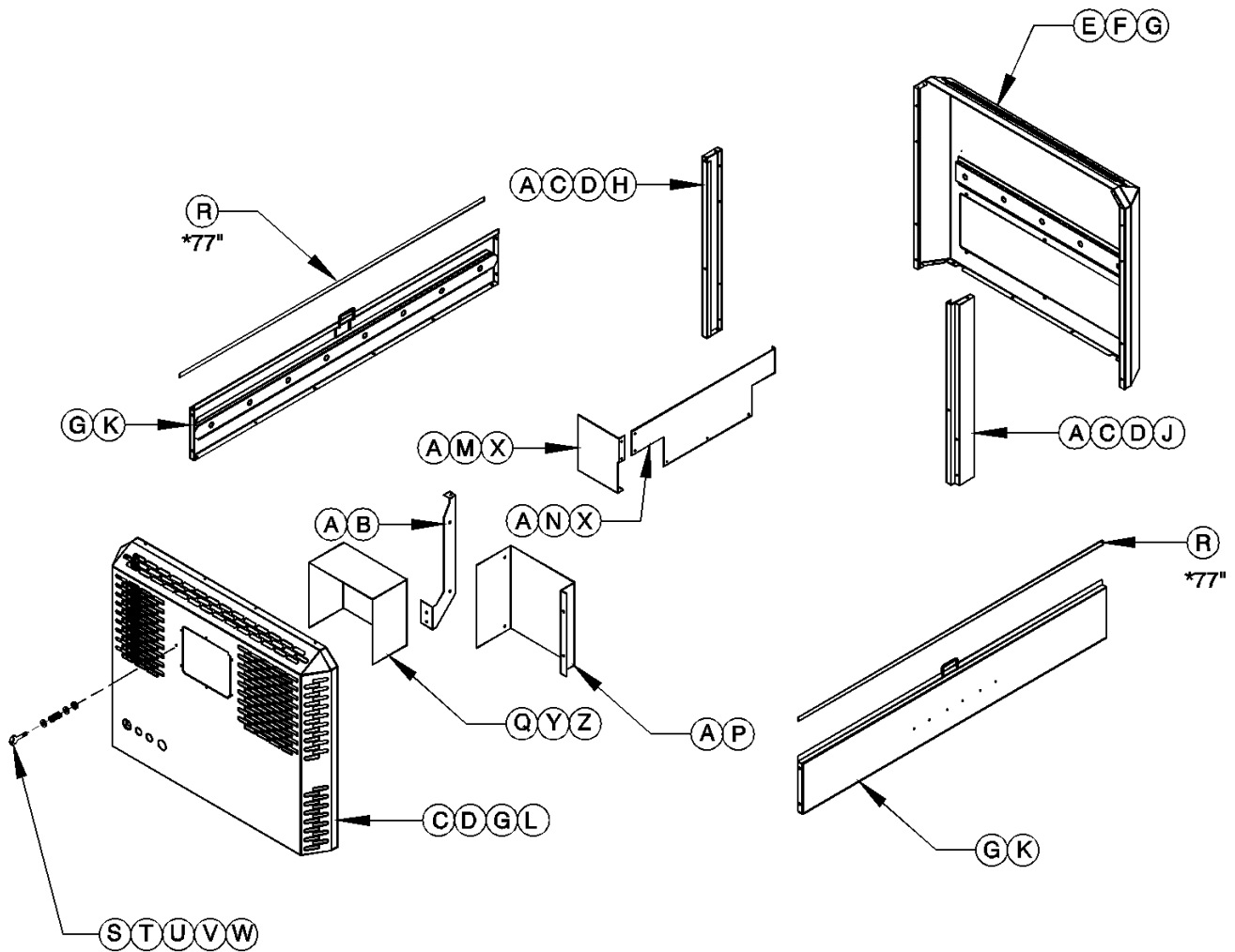
ENCLOSURE COMPLETE
ENCLOSURE COMPLETE



22666101_42_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54743240	ROOF	1	OND NOISE OPTION HIGH AMB 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 1/4 TURN	12	
M	54694831	PANEL, REAR ACCESS	2	
N	54760483	PANEL, REAR ACCESS	2	
N	35256429	STUD, 1/4 TURN	12	
P	35600261	SPRING, GAS	4	

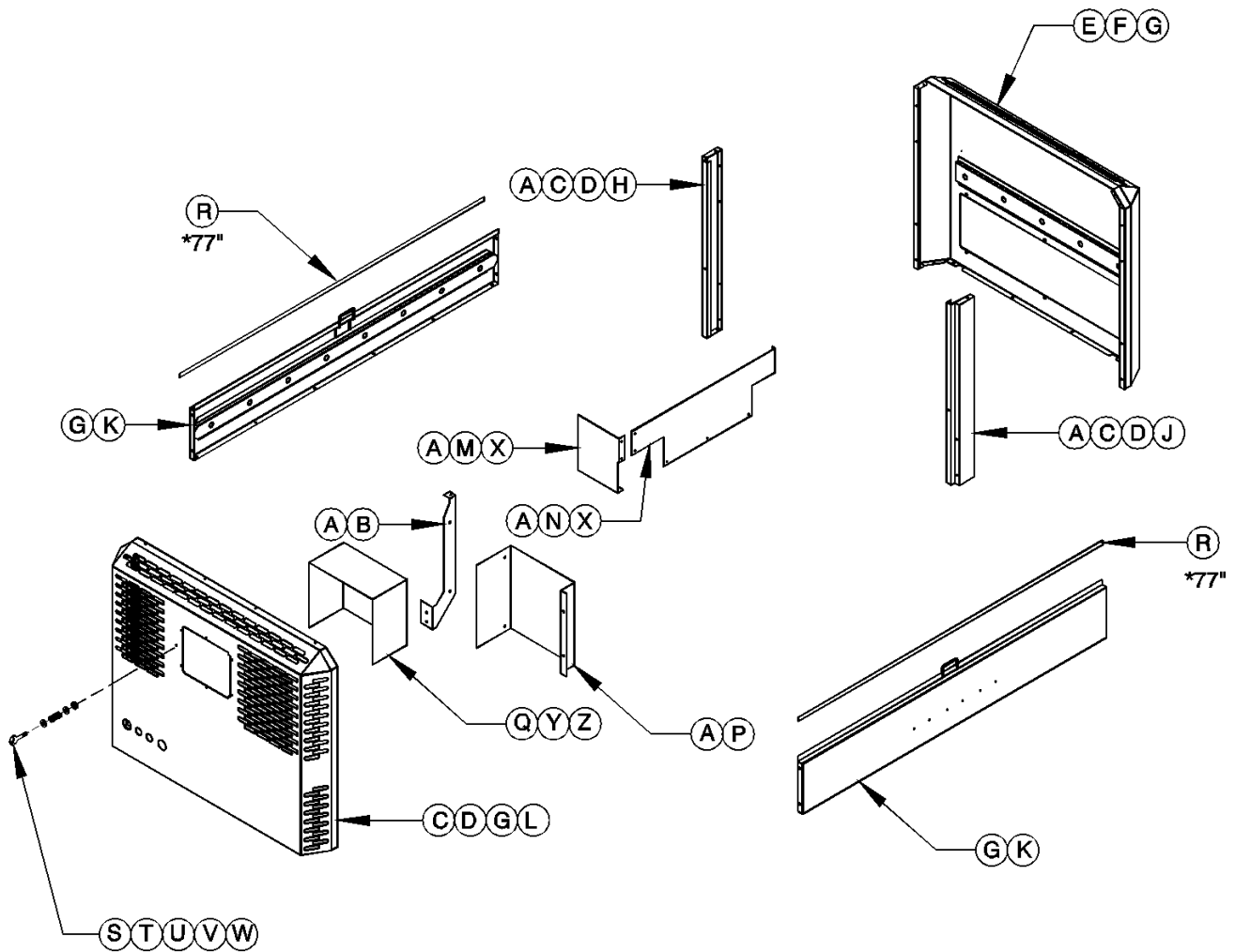
ENCLOSURE COMPLETE (cont'd)



22666101_43_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36797652	SCREW, TAPPING M06-1.0 X 12	101	
B	54737622	BRACKET, FRONT INTAKE	1	
C	35337328	STUD, BALL	4	
D	36881886	NUT, HEX FLANGE M08-1.25	4	
E	54688254	PANEL, REAR END CAP	1	
F	35256452	RECEPTACLE, 1/4 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	

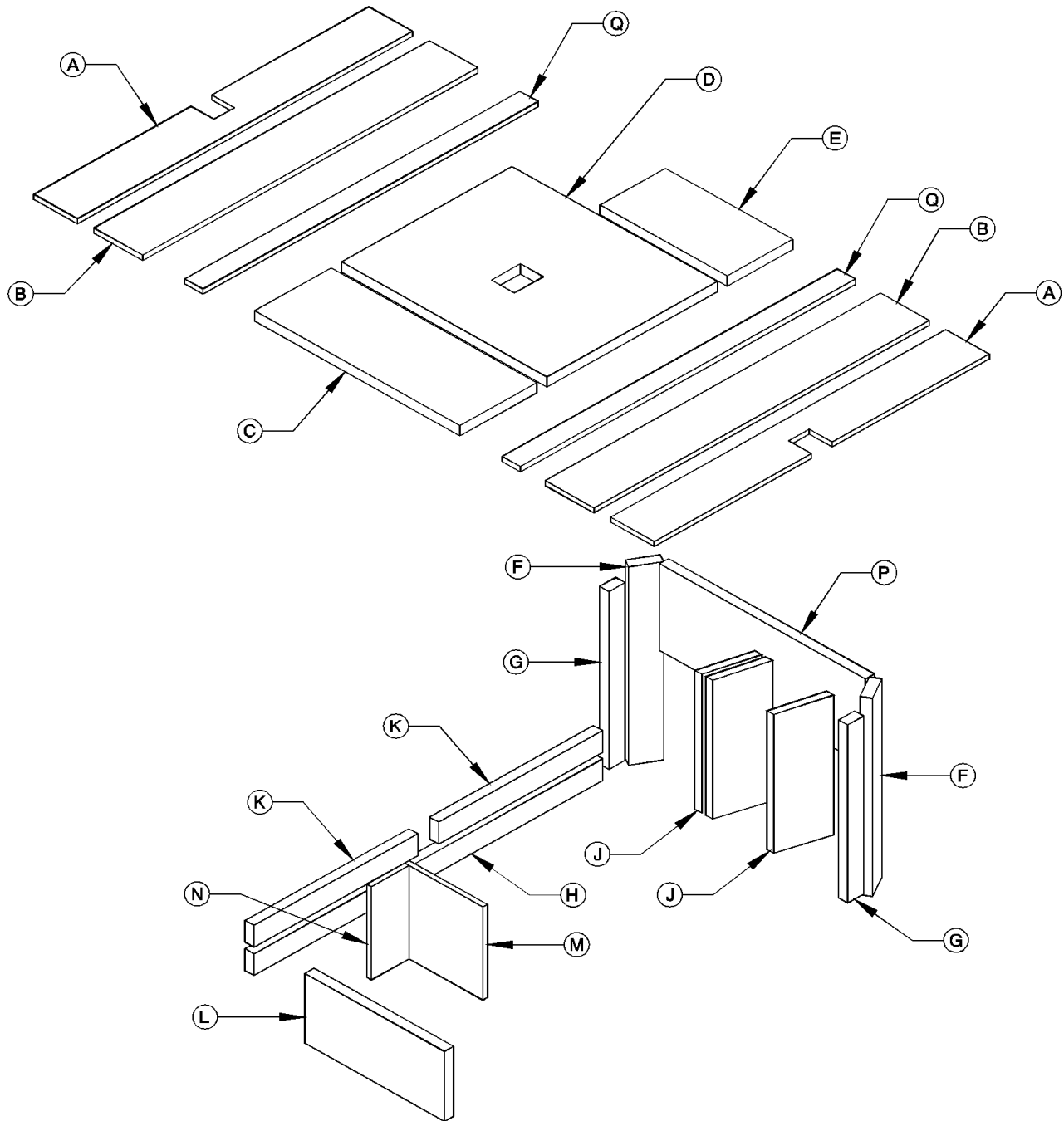
ENCLOSURE COMPLETE (cont'd)
ENCLOSURE COMPLETE (cont'd)



22666101_43_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	54720834	BAFFLE, FRONT INTAKE	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	
W	95923298	NUT, 1/4-20 HEX LOCK	1	
X	92368687	SCREW, TAPPING M06-1.0 X 14	11	
Y	95916151	WASHER, FLAT	3	
Z	95972188	RIVET, .19 ALUMINUM	3	

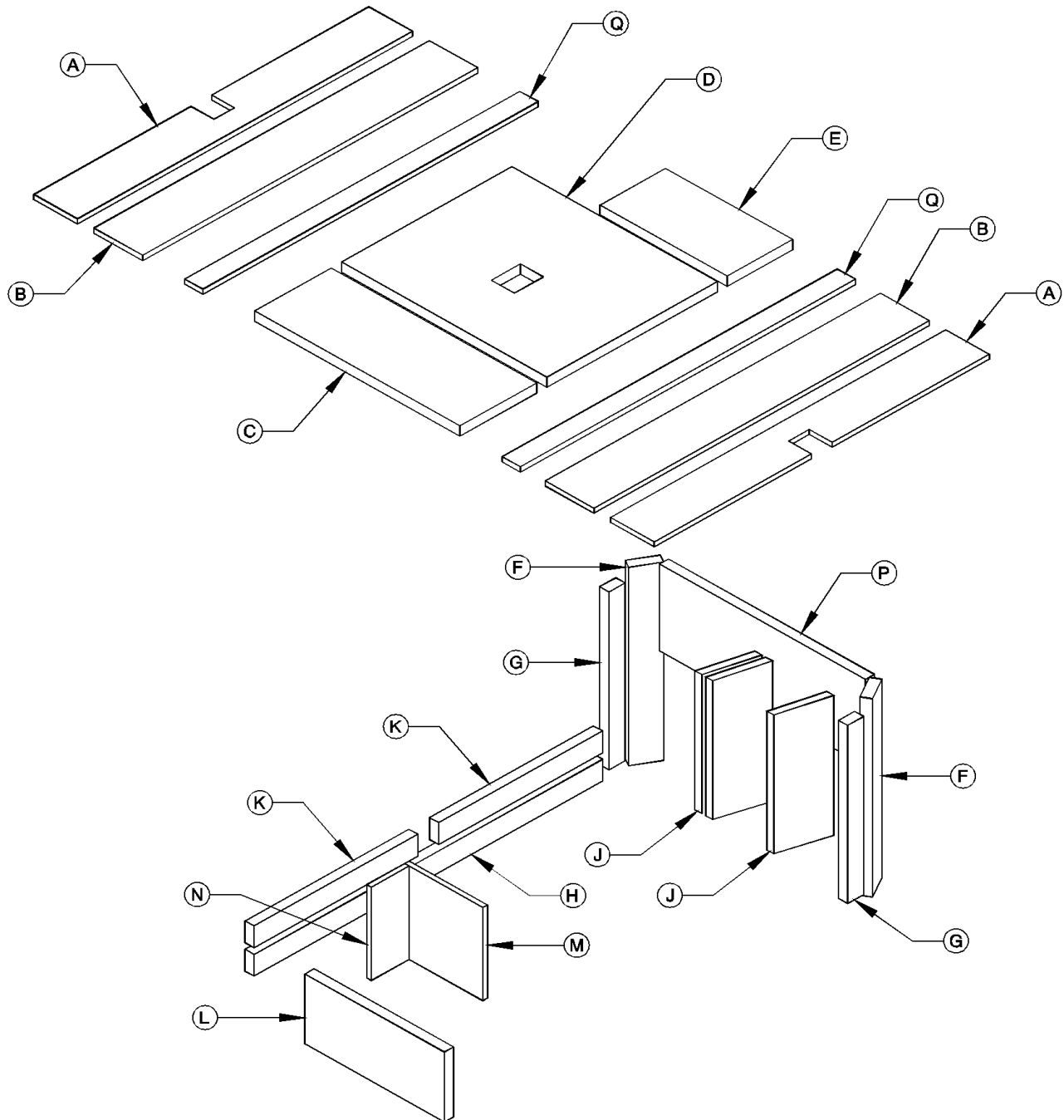
FOAM INSULATION COMPLETE



22666101_44_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54675020	PANEL, LOWER DOOR ACOUSTIC	2	
B	54675046	PANEL, UPPER DOOR ACOUSTIC	2	
C	54675053	PANEL, FRONT ROOF ACOUSTIC	1	
D	54675079	PANEL, MIDDLE ROOF ACOUSTIC	1	
E	54675061	PANEL, REAR ROOF ACOUSTIC	1	
F	54674973	PANEL, REAR CORNER ACOUSTIC	2	
G	54746516	PANEL, REAR SIDE ACOUSTIC	2	
H	54770524	PANEL, LOWER SIDE ACOUSTIC	1	

FOAM INSULATION COMPLETE (cont'd)
FOAM INSULATION COMPLETE (cont'd)



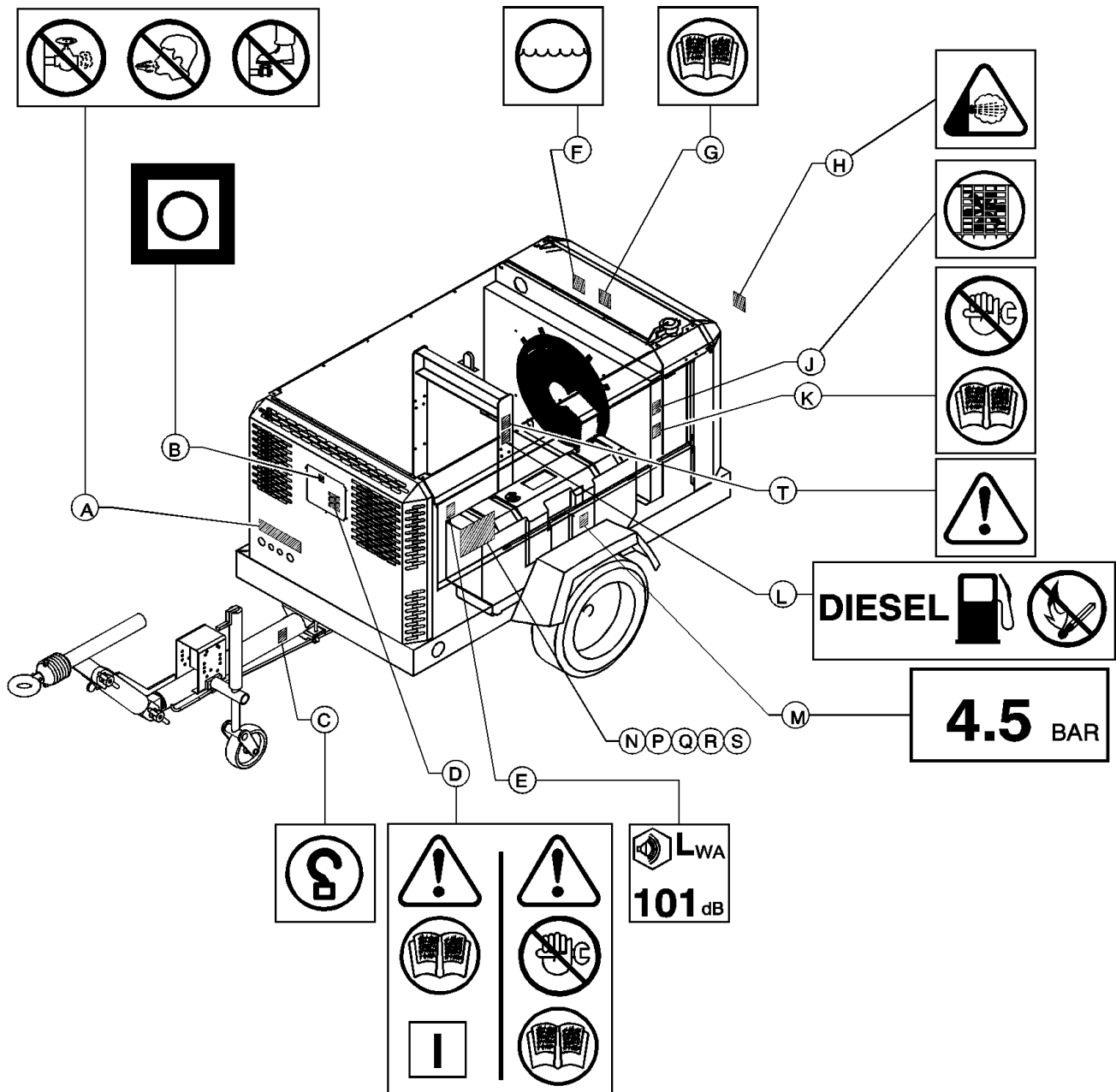
22666101_44_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	54745518	PANEL, REAR SPLITTER ACOUSTIC	4	
K	54770490	PANEL, TOP LWR SIDE ACOUSTIC	2	
L	54674916	PANEL, FRONT END CAP ACOUSTIC	1	
M	54744826	PANEL, INTR BAFFLE FRONT ACOUSTIC	1	
N	54744818	PANEL, INTR BAFFLE SIDE ACOUSTIC	1	
P	54674957	PANEL, REAR TOP ACCESS ACOUSTIC	1	
Q	22272322	PANEL, TOP RAIL ACOUSTIC	2	

[illegible]

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	93465383	DECAL, SEERVICE VALVE	1	
B	92930650	DECAL, EMERGENCY STOP	1	
C	93171262	DECAL, LIFT/TIE DOWN POINT	1	
D	88115498	DECAL, PRE-START	1	
E	54727771	DECAL, SOUND POWER	1	
F	93171288	DECAL, COOLANT FILL	1	
G	92868449	DECAL, REFER TO MANUAL	1	
H	92976042	DECAL, EXHAUST GAS	1	
J	93165959	DECAL, ROTATING FAN	1	

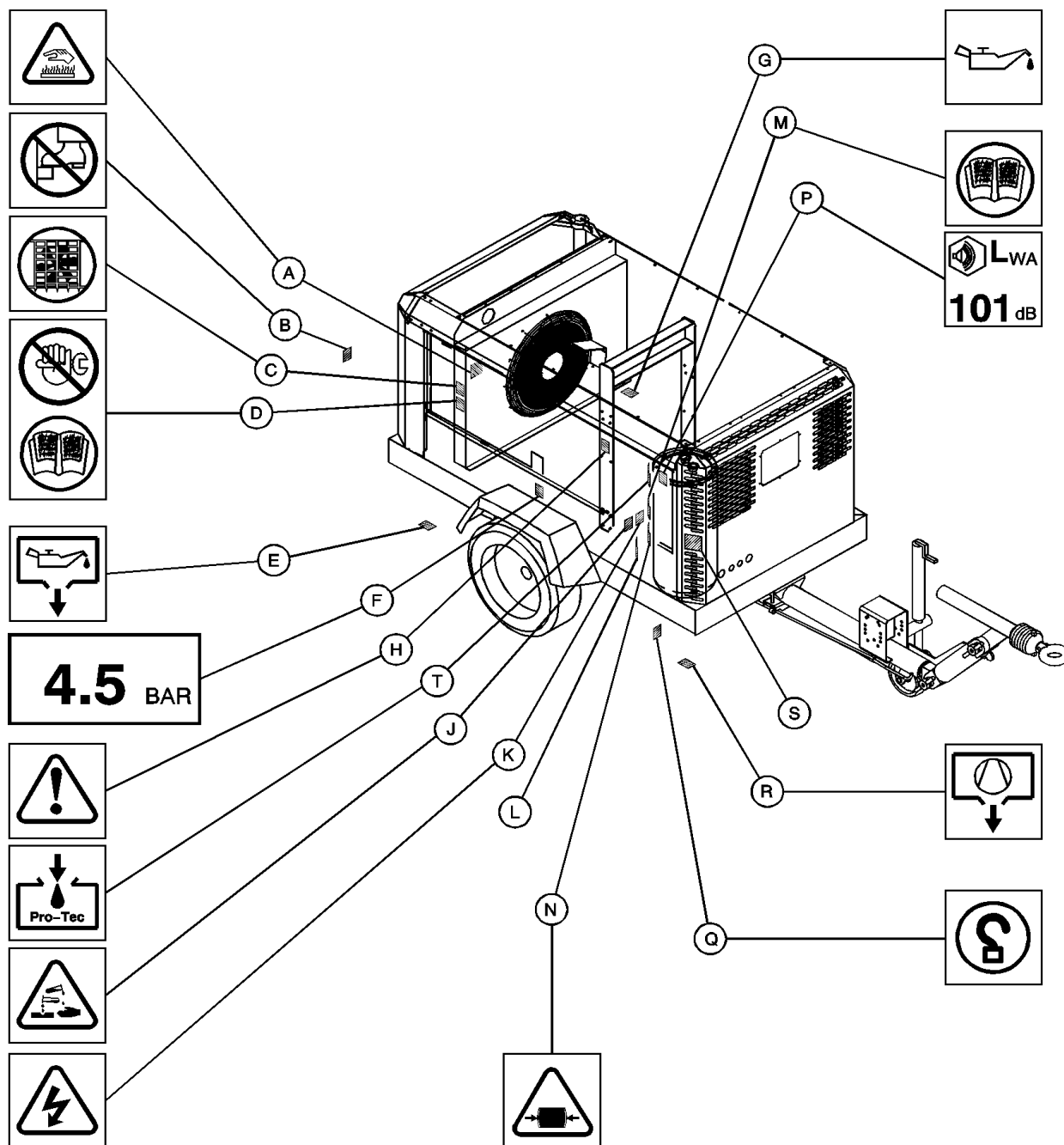
DECAL LOCATION (cont'd)
DECAL LOCATION (cont'd)



22666101_45_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	92930668	DECAL, NO MAINTENANCE	1	
L	93171254	DECAL, DIESEL FUEL	1	
M	93181873	DECAL, TYRE PRESSURE	1	
N	22233597	LAMINATE, STD WIRING	1	
P	22251730	LAMINATE, DIAGNOSTIC CODES	1	
Q	22068282	SCREW	2	
R	22255335	LAMINATE, TRAILER WIRING	1	
S	36788982	BINDER, 3-RING	1	
T	92930627	DECAL, WARNING	1	

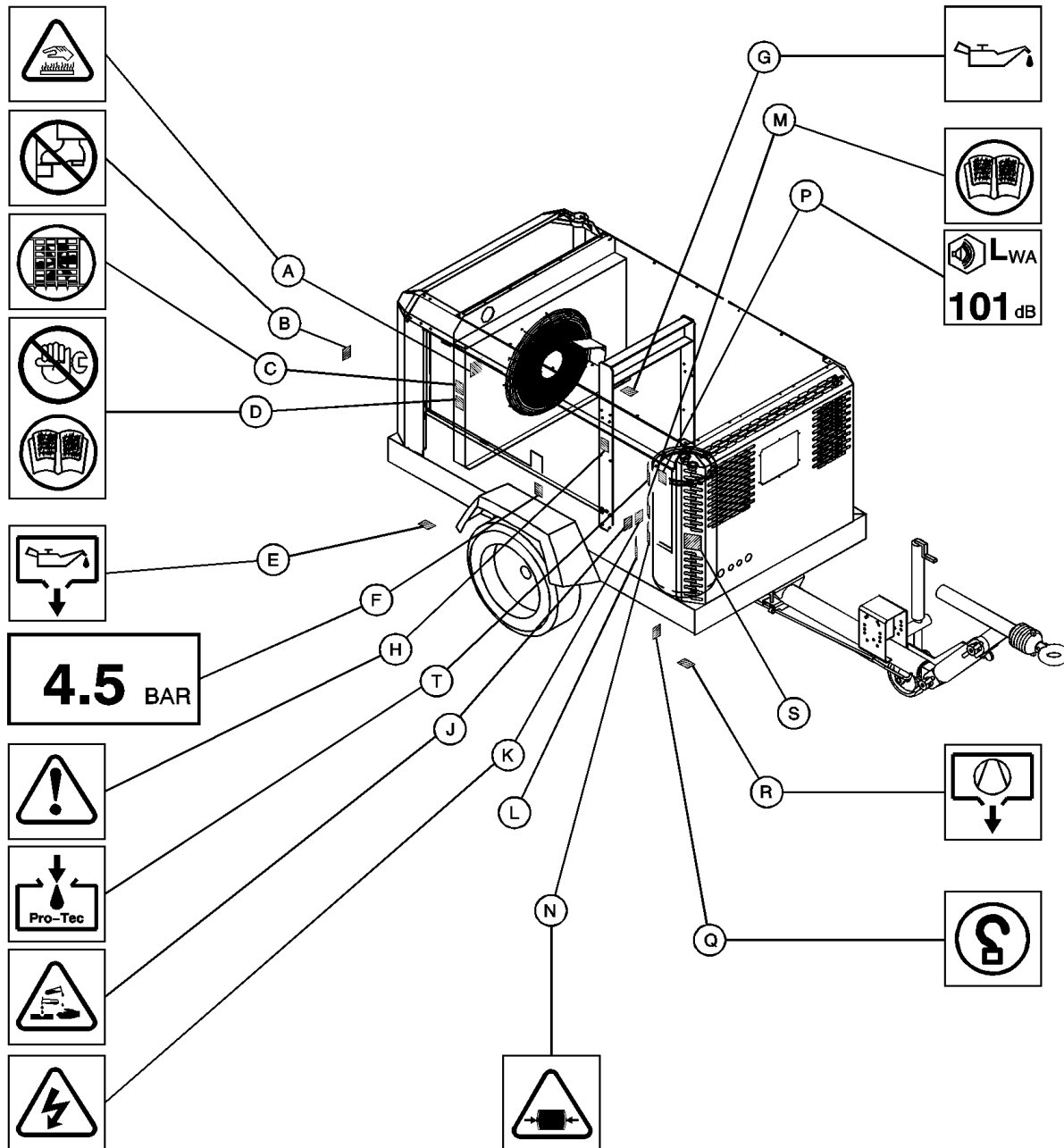
DECAL LOCATION (cont'd)



22666101_46_07/05_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	93181873	DECAL, TYRE PRESSURE	1	
G	93171270	DECAL, OIL FILL	1	
H	92930627	DECAL, WARNING	1	
J	92930601	DECAL, CORROSIVE SUBSTANCE	1	

DECAL LOCATION (cont'd)
DECAL LOCATION (cont'd)



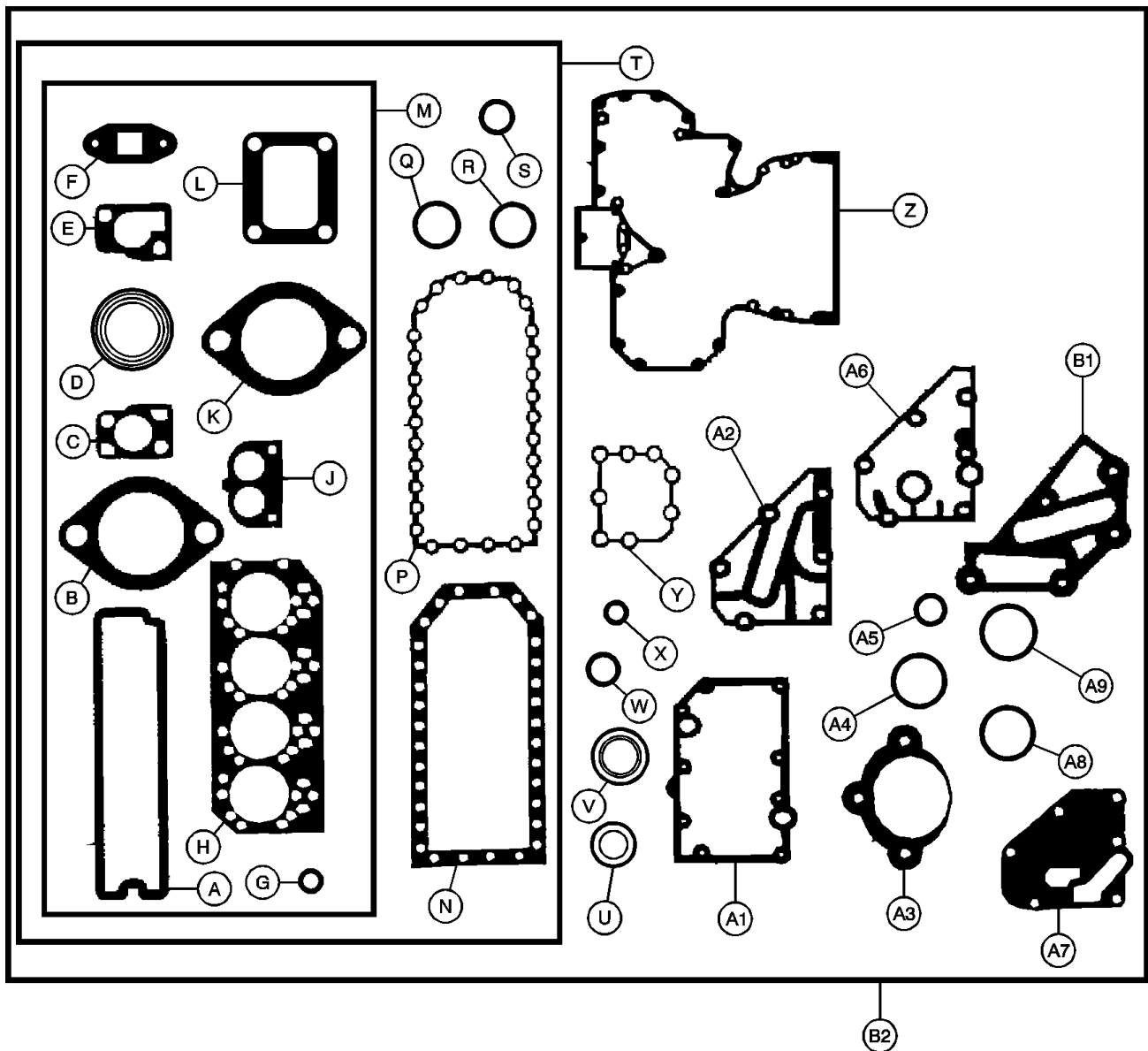
22666101_46_07/05_A

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	92867449	DECAL, REFER TO MANUAL	1	
N	92930585	DECAL, PRESSIRIZED TANK	1	
P	54727771	DECAL, SOUND POWER	1	
Q	93171262	DECAL, LIFT/TIE DOWN POINT	2	
R	93171247	DECAL, COMPRESSOR DRAIN	1	
S	89260699	PLATE, DATA	1	Non-EC Certified EC Certified
	54616701	PLATE, DATA	1	
T	89298491	DECAL, LUBRICANT	1	

Section C - ENGINE PARTS



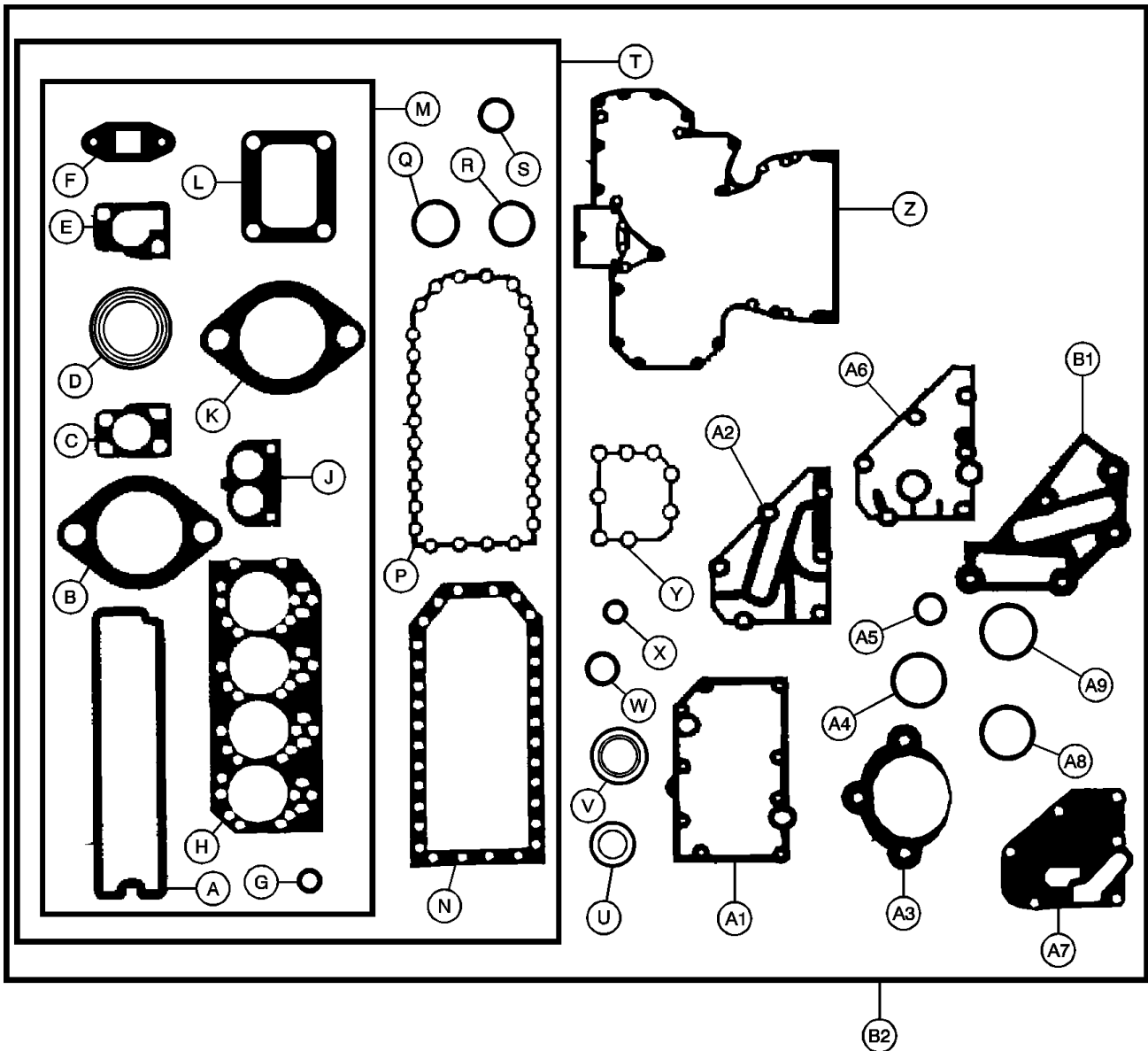
ENGINE OVERHAUL GASKET SET



22666101_M01_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36106698	GASKET, ROCKER ARM COVER	1	
B	36111458	GASKET, EXHAUST MANIFOLD	1	
C	85472108	GASKET, THERMOSTAT COVER	1	
D	36106060	GASKET, WATER BY-PASS TUBE	1	
E	36106185	GASKET, THERMOSTAT HOUSING	1	
F	36106748	GASKET, TURBO OIL OUTLET TUBE	1	
G	36106771	GASKET, ROCKER COVER STUD	1	
H	36104719	GASKET, CYLINDER HEAD	1	
J	36109528	GASKET, THERMOSTAT COVER	1	
K	36110864	GASKET, AIR INLET	1	
L	36111649	GASKET, TURBO/EXHAUST MANIFOLD	1	
M	36117901	GASKET SET, CYLINDER HEAD	1	

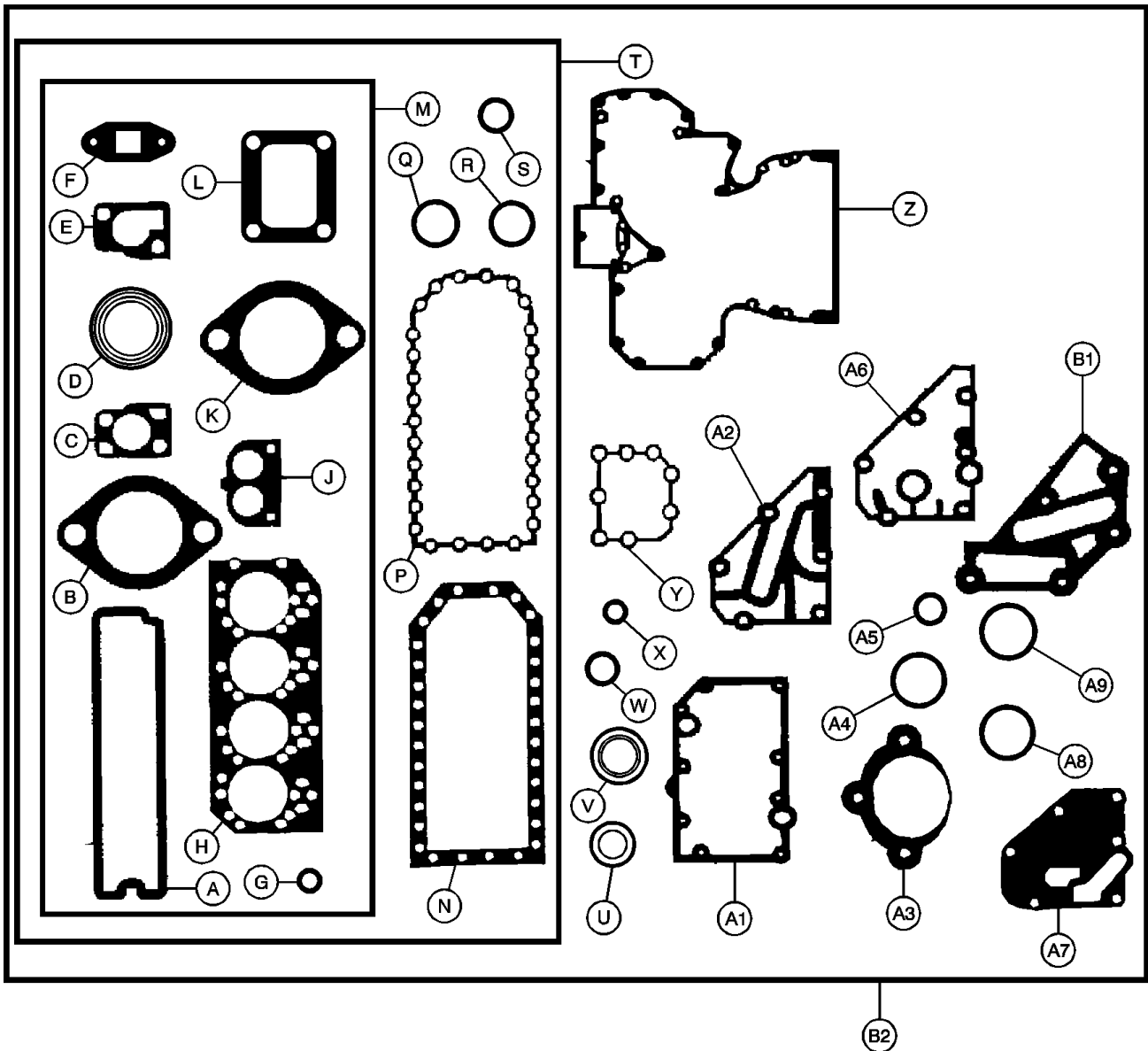
ENGINE OVERHAUL GASKET SET (cont'd)



22666101_M01_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36106201	GASKET, OIL PAN	1	NOT USED
P	36106193	GASKET, OIL PAN	1	
Q	36110518	O-RING, OIL PUMP TUBE CONN.	1	
R	36111938	O-RING, OIL PUMP OUTLET TUBE/COVER	1	
S	36109932	O-RING, OIL PUMP INTAKE	1	
T	36117919	GASKET SET, SHORT BLOCK	1	
U	36101194	WASHER, OIL PRESS. REGULATOR PLUG	1	
V	36114015	SEAL, REAR OIL	1	
W	36116036	SEAL, FRONT OIL	1	
X	36106102	O-RING, FUEL TRANSFER PUMP	1	
Y	36106250	GASKET, WATER PUMP	1	
Z	85472157	GASKET, TIMING GEAR COVER	1	

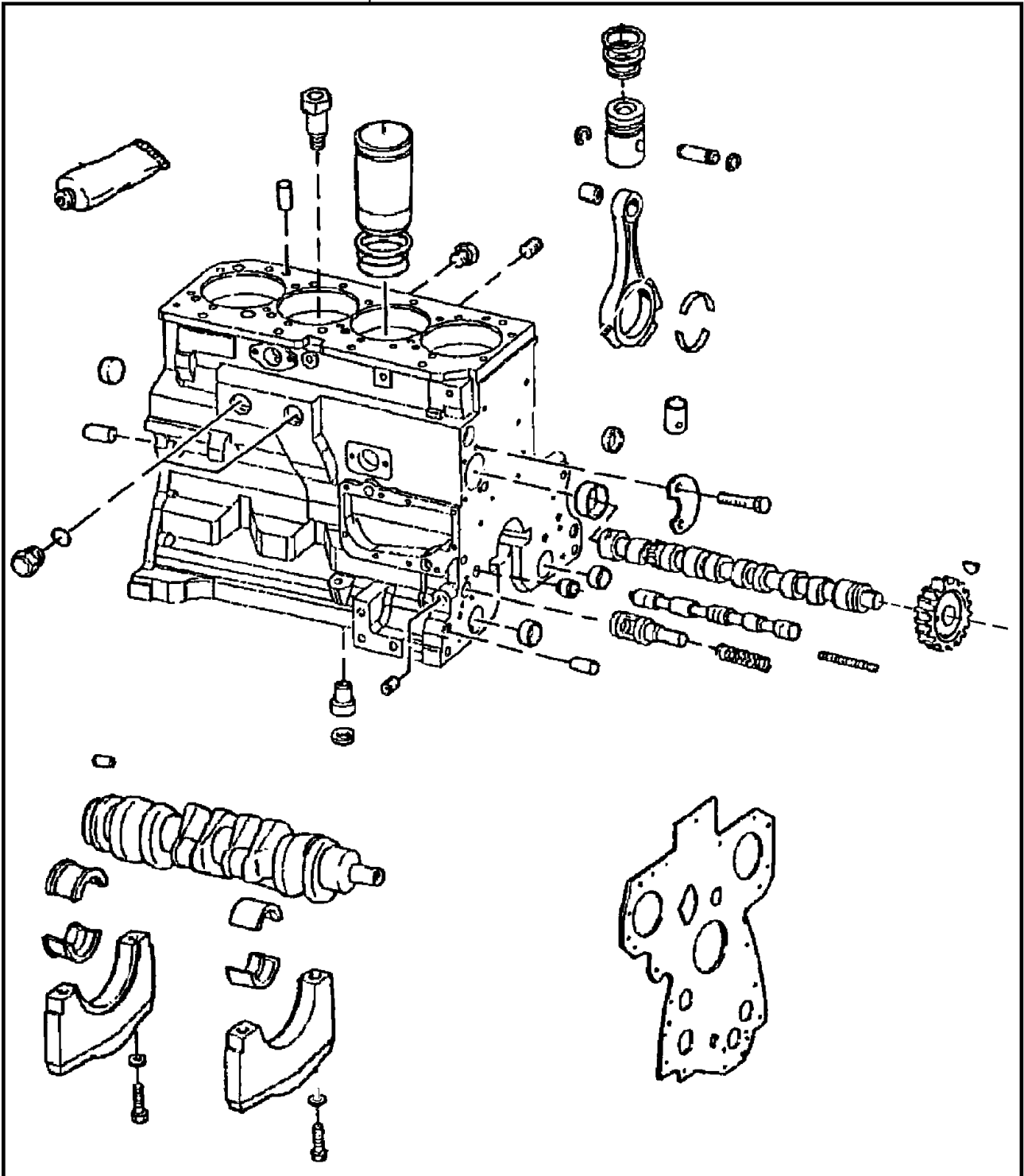
ENGINE OVERHAUL GASKET SET (cont'd)



22666101_M01_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A1	36106607	GASKET, OIL COOLER HOUSING	1	
A2	24899320	GASKET, REMOTE OIL FILTER ADAPTER	1	
A3	36109403	GASKET, STARTING MOTOR	1	
A4	36110385	O-RING, OIL FILTER TUBES	1	
A5	36111425	O-RING, WATER PUMP INLET	1	
A6	36106672	GASKET, OIL FILTER HEADER	1	
A7	85471993	GASKET, OIL FILTER HEADER	1	
A8	36109890	O-RING, CONN. TUBE/TIMING GEAR COVER	1	
A9	36118693	O-RING, OIL COOLER! HOUSING	1	
B1	85471597	GASKET, COOLANT PASSAGE ADAPTER	1	
B2	85473460	GASKET SET, ENGINE OVERHAUL	1	

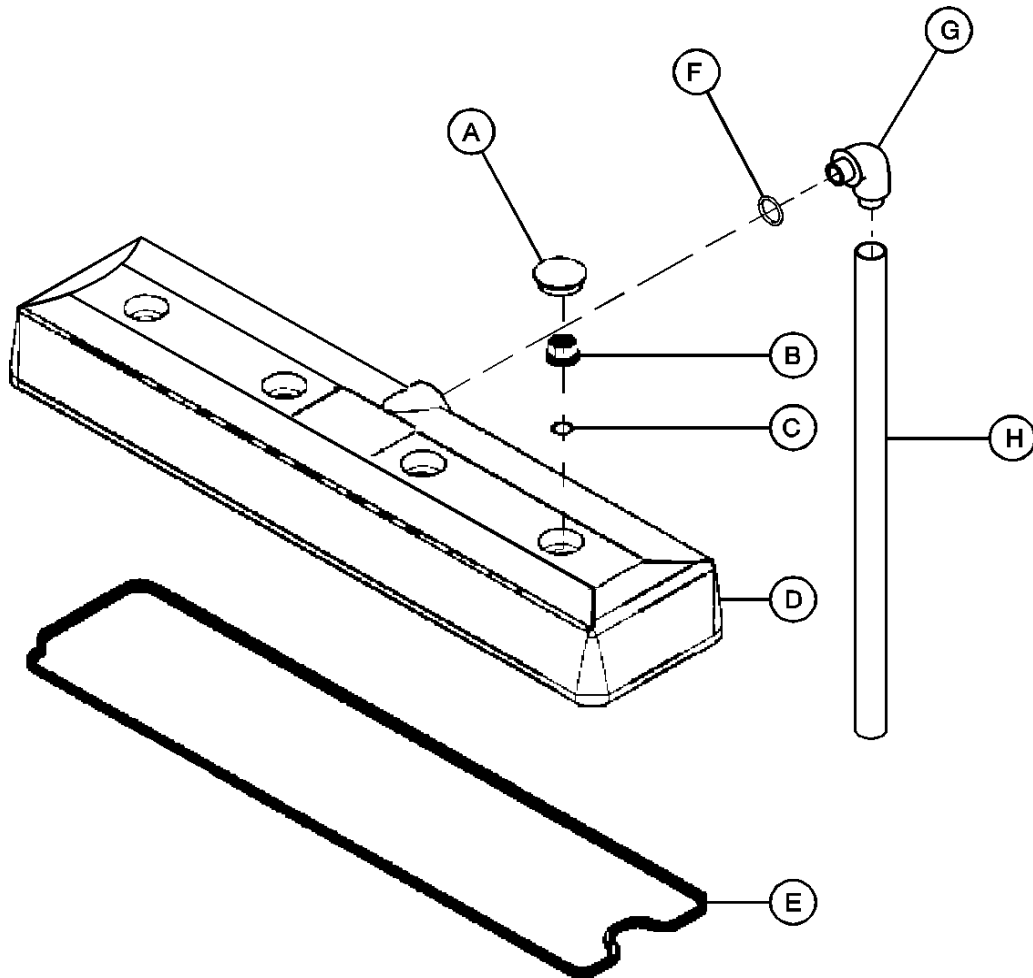
A



22666101_M02_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899924	SHORT BLOCK ASSEMBLY	1	

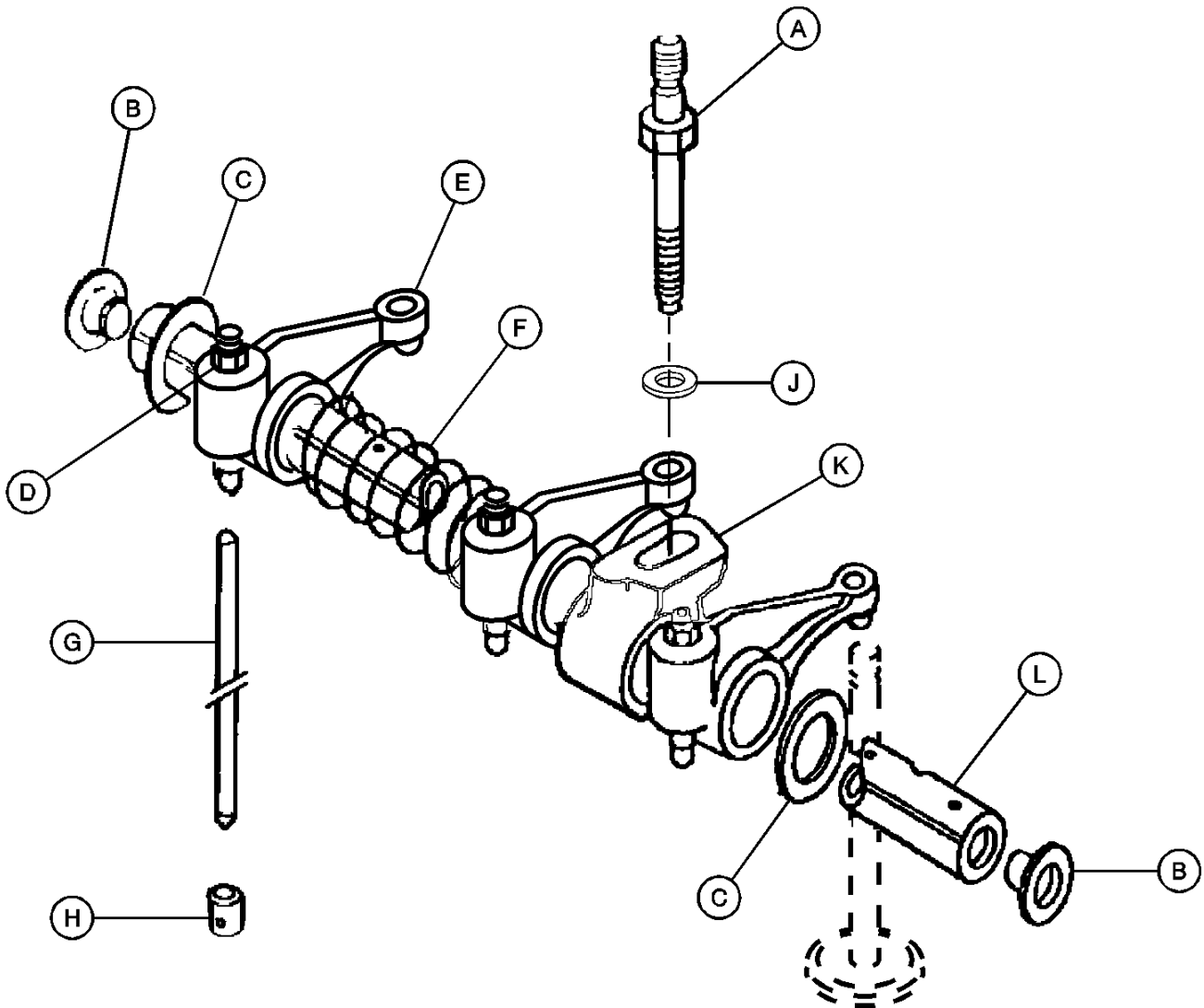
ROCKER ARM COVER



22666101_M03_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36102929	PLUG	4	
B	36106763	NUT	4	
C	36106771	O-RING, ROCKER COVER STUD	4	
D	36125292	COVER, ROCKER ARM	1	
E	36106698	GASKET, ROCKER ARM COVER	1	
F	36110385	O-RING, 18.72 X 2.616mm	1	
G	36105062	ELBOW, BREATHER FITTING	1	
H	24899171	HOSE, BREATHER	1	

ROCKER ARM SHAFT

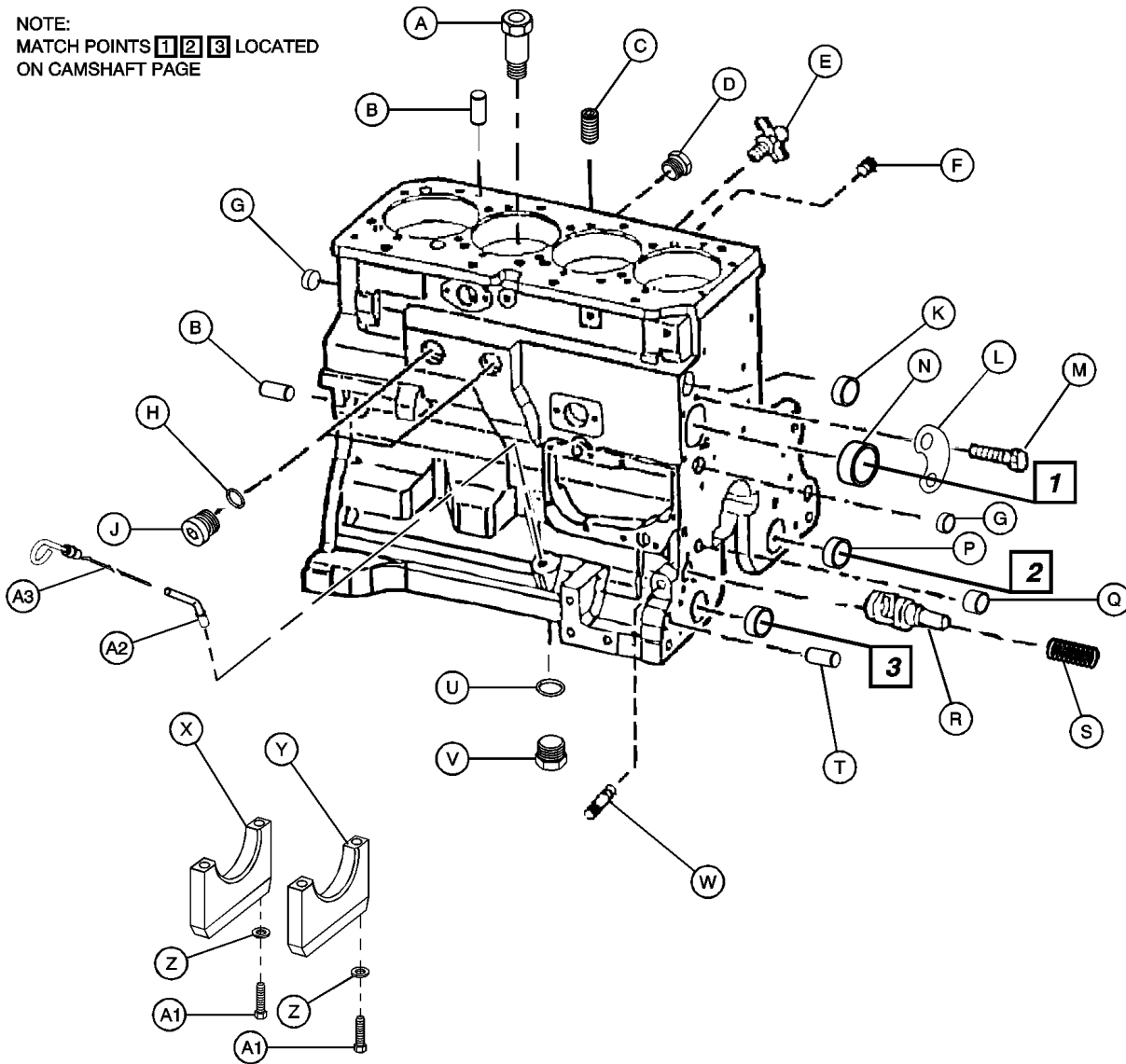


22666101_M04_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36106094	STUD	4	
B	36109502	PLUG, ROCKER ARM SHAFT	2	
C	36119246	WASHER, ROCKER ARM SHAFT	2	
D	85470060	NUT, HEX M10-1.50	8	
E	36118305	ARM, ROCKER w/NUT	8	
F	36119220	SPRING, ROCKER ARM	3	
G	36103810	ROD, PUSH	8	
H	36106706	FOLLOWER, CAM	8	
J	36109049	WASHER	4	
K	36105963	SUPPORT, ROCKER ARM	4	
L	36106656	SHAFT, ROCKER ARM	1	

CYLINDER BLOCK ASSEMBLY

NOTE:
MATCH POINTS **1** **2** **3** LOCATED
ON CAMSHAFT PAGE

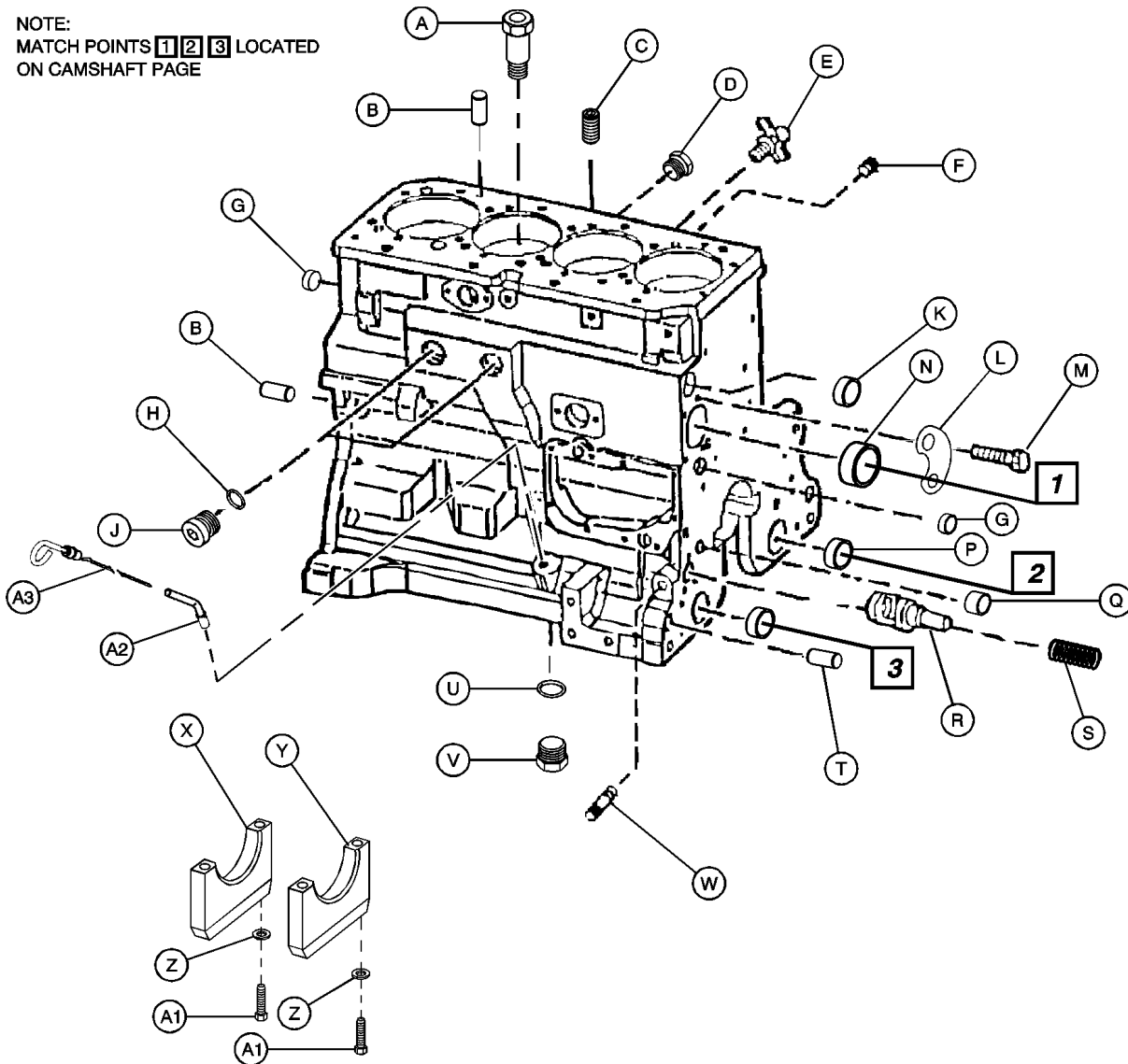


22666101_M05_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36107928	ORIFICE	4	
B	36109205	PIN, DOWEL	2	
C	36100220	PLUG, PIPE 1/2"	2	
D	36109593	PLUG, PIPE	1	
E	36102176	VALVE, DRAIN	2	
F	36103604	PLUG, PIPE	5	
G	36118875	CAP	2	
H	36120178	O-RING	2	
J	24899734	PLUG, BLOCK HEATER	2	
K	36104701	PLUG	1	
L	36108223	PLATE	1	
M	24899015	SCREW, HEX FLANGE M08-1.25 X 25	2	
N	36104990	PLUG, PIPE	1	
P	36104412	BUSHING	6	

CYLINDER BLOCK ASSEMBLY (cont'd)

NOTE:
MATCH POINTS **1** **2** **3** LOCATED
ON CAMSHAFT PAGE

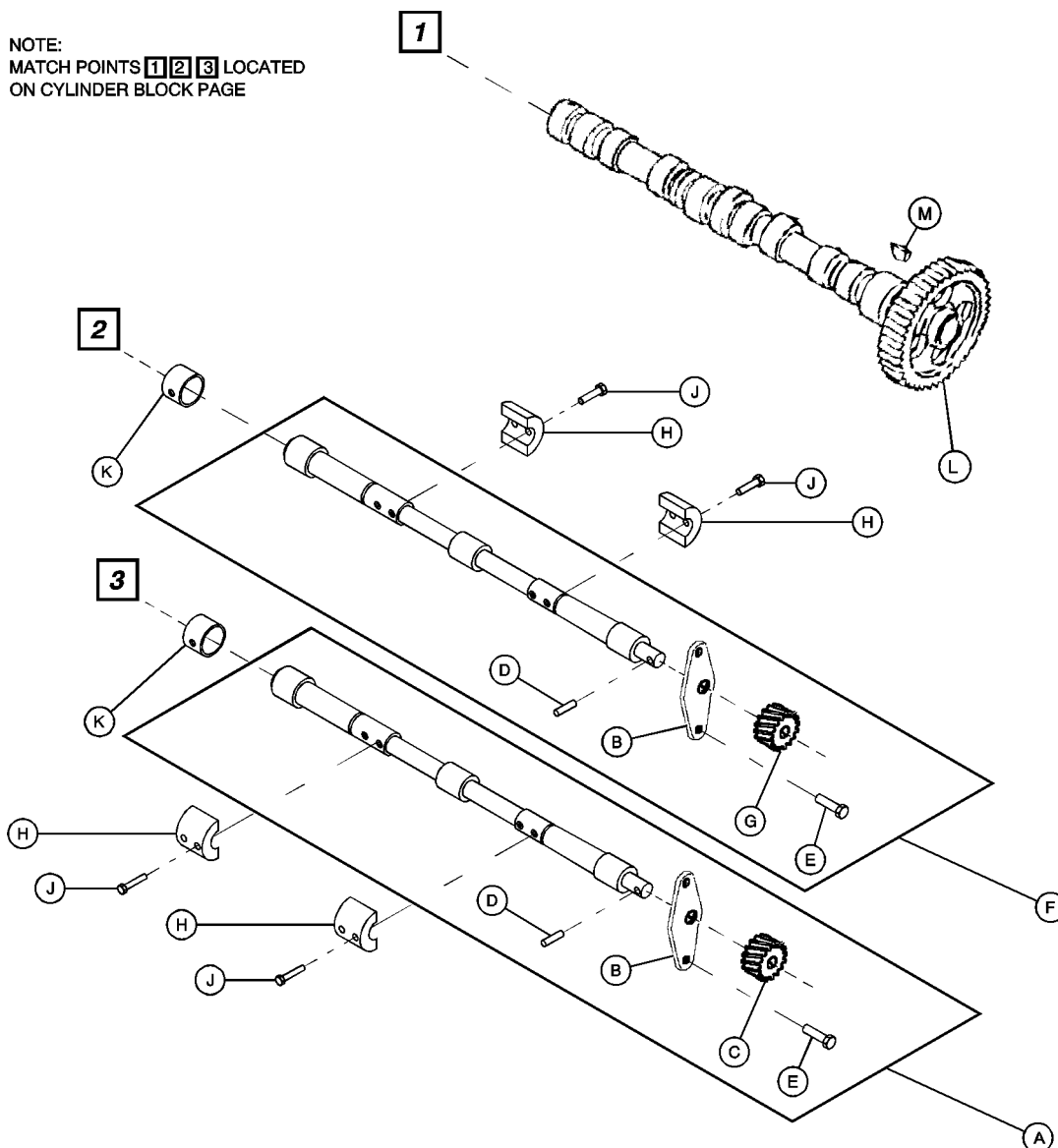


22666101_M05_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Q	24899585	VALVE, OIL PRESSURE RELIEF	1	
R	36105260	VALVE	1	
S	36103992	SPRING	1	
T	36108728	PIN, DOWEL	2	
U	36110518	O-RING	1	
V	36104446	RECEPTACLE, BODY	1	
W	36104701	PLUG, PIPE	1	
X	36108108	CAP, BEARING	1	
Y	36104263	CAP, BEARING	4	
Z	36119089	WASHER	10	
A1	36119386	SCREW, CAP	10	
A2	36125177	TUBE, DIPSTICK	1	
A3	85473387	DIPSTICK	1	

CAMSHAFT & BALANCE SHAFT ASSEMBLY

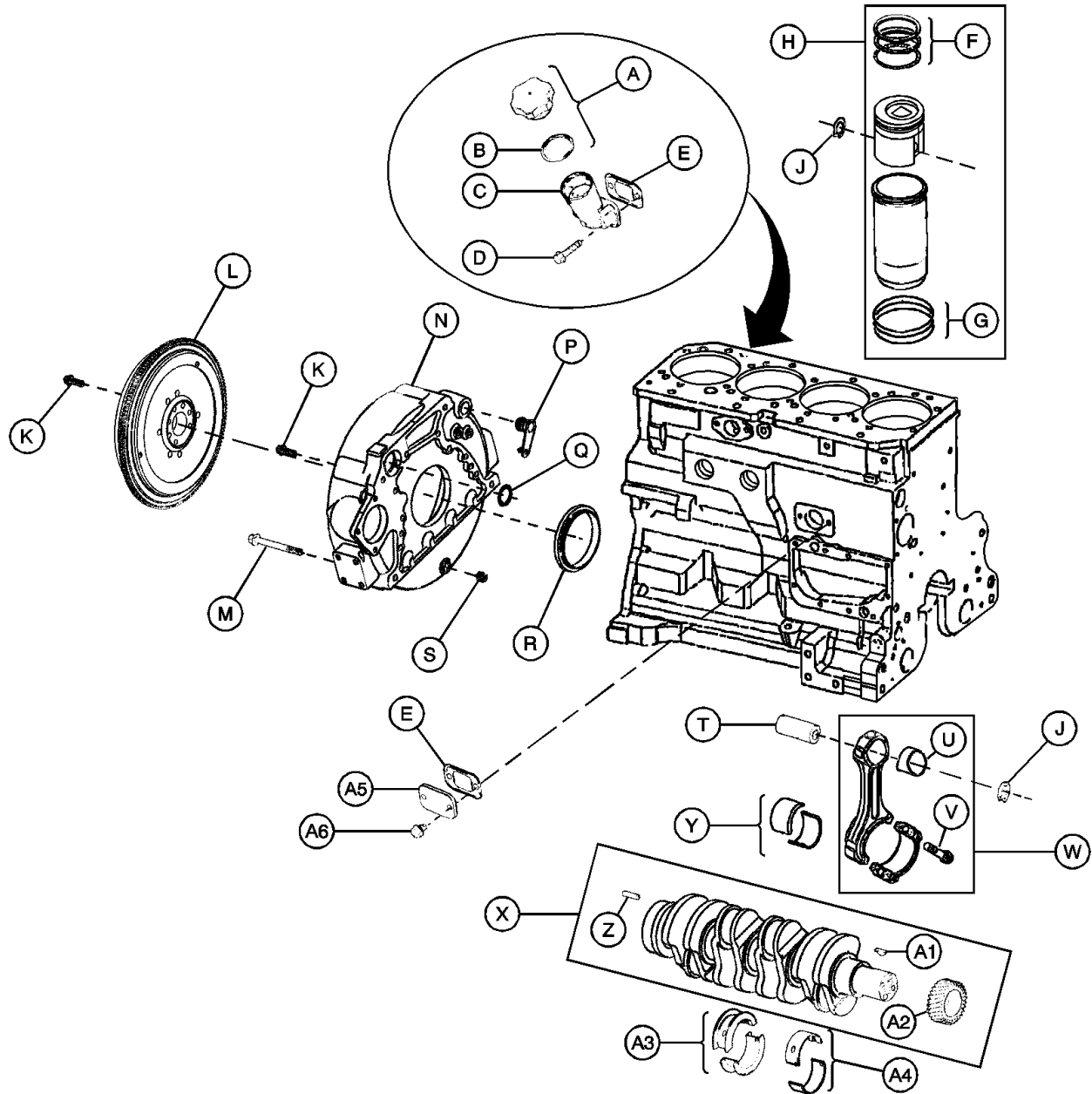
NOTE:
MATCH POINTS **1** **2** **3** LOCATED
ON CYLINDER BLOCK PAGE



22666101_M06_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899502	SHAFT, LH BALANCE	1	
B	36104529	PLATE, BALANCE SHAFT SUPPORT	2	
C	36105153	GEAR, LH BALANCE SHAFT	1	
D	24899064	PIN, DOWEL M04 X 12	2	
E	24899007	SCREW, HEX FLANGE M08-1.25 X 12	4	
F	24899494	SHAFT, RH BALANCE	1	
G	36105138	GEAR, RH BALANCE SHAFT	1	
H	85472314	WEIGHT, BALANCE SHAFT	4	
J	24898967	SCREW, HEX FLANGE M08-1.25 X 40	8	
K	36104412	BUSHING, BALANCE SHAFT	2	
L	24899650	CAMSHAFT with GEAR & KEY	1	
M	36108355	KEY, CAMSHAFT	1	

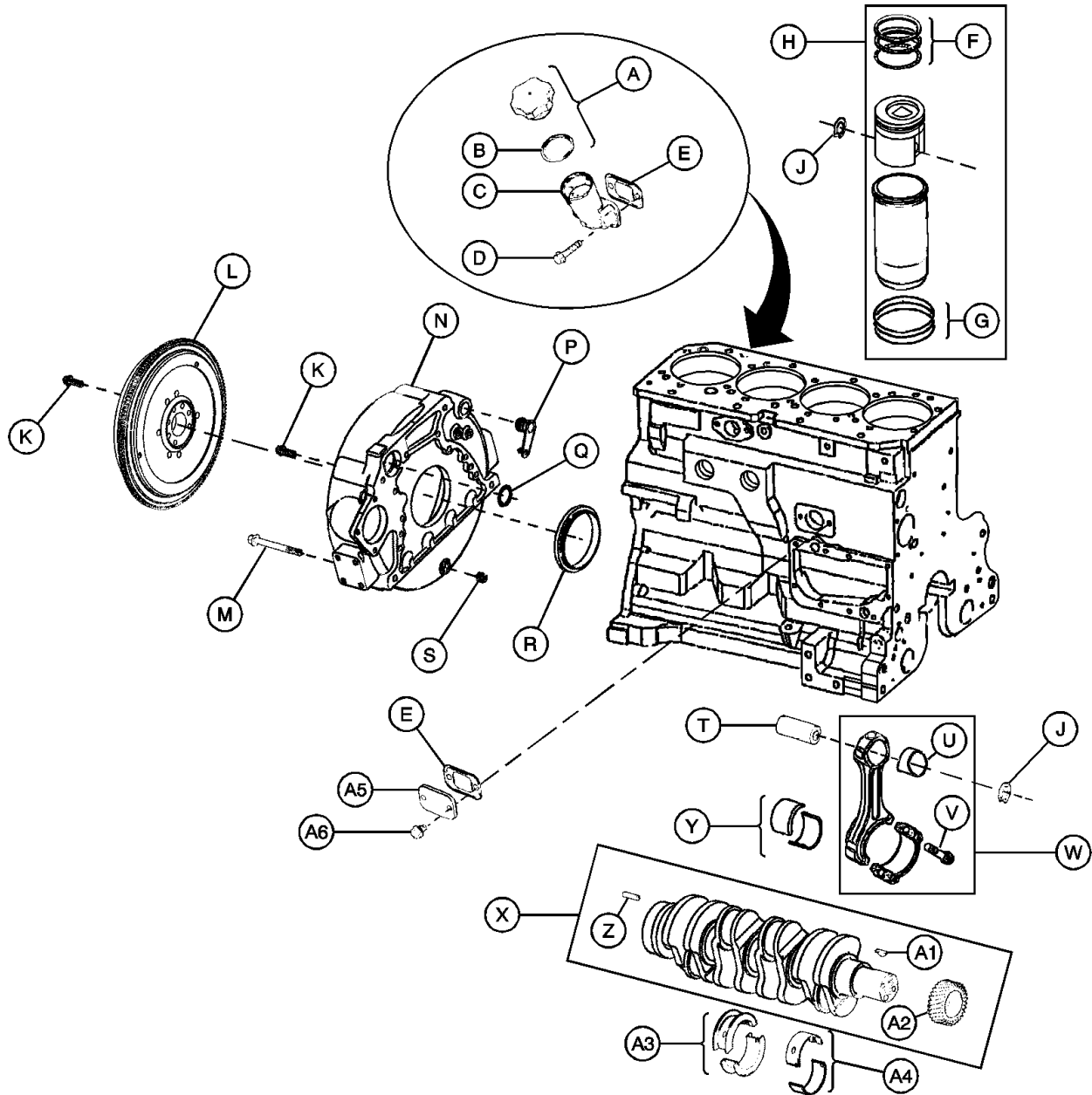
CRANK SHAFT and FLYWHEEL ASSEMBLY



22666101_M07_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85473338	CAP, FILLER	1	
B	85472504	O-RING	1	
C	36126142	NECK, FILLER	1	
D	36118156	SCREW, HEX FLANGE M08-1.25 X 45	2	
E	36108595	GASKET, OIL FILL PORT	2	
F	24899726	KIT, PISTON RING	4	
G	36101715	KIT, PISTON LINER O-RING	4	
H	24899718	KIT, PISTON & LINER	4	
J	36109478	RING, SNAP	8	
K	36018579	SCREW, SPECIAL FLANGE M12-1.75	5	
L	24899510	FLYWHEEL & RING GEAR	1	

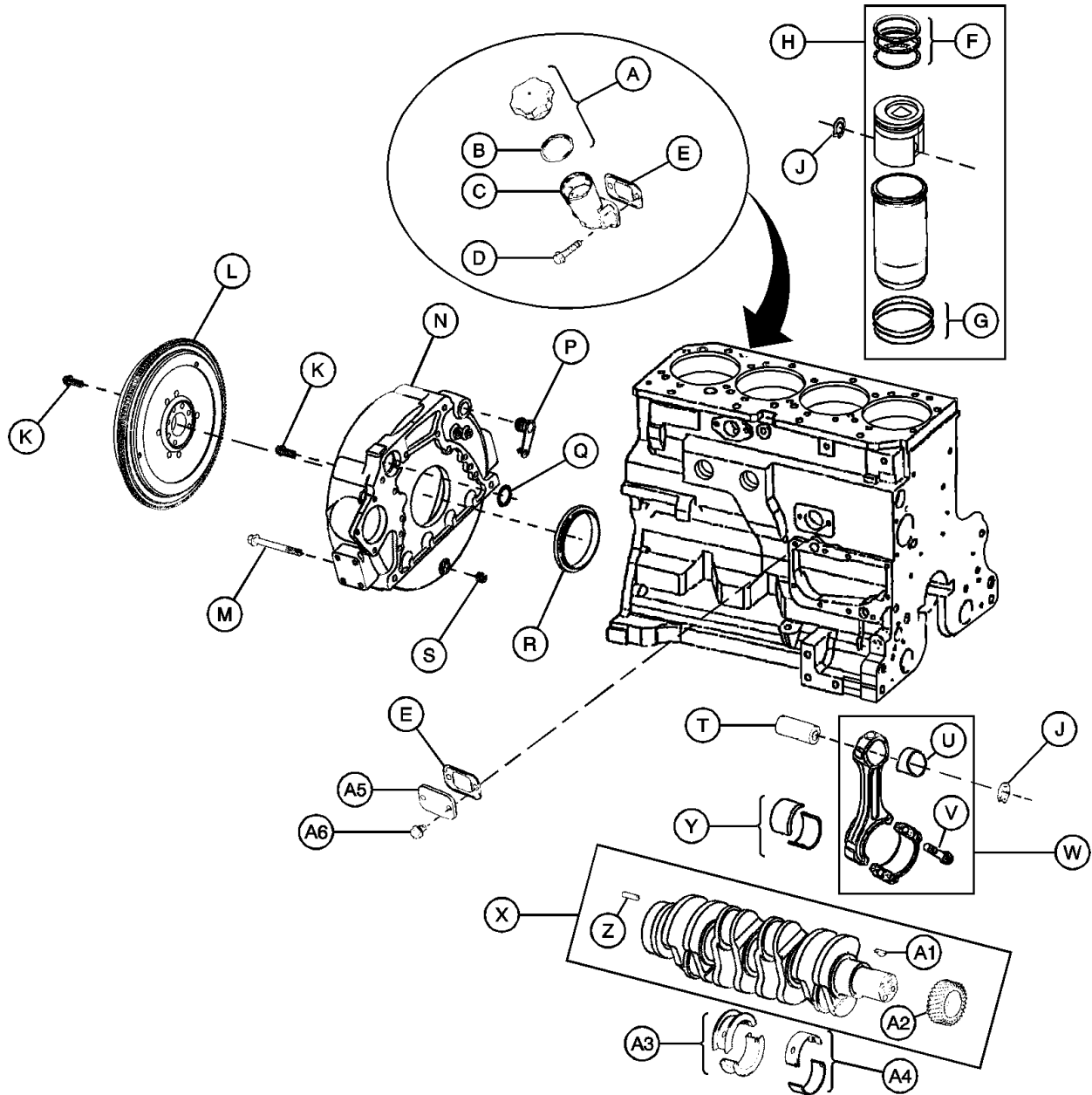
CRANK SHAFT and FLYWHEEL ASSEMBLY (cont'd)



22666101_M07_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	85470003	SCREW, HEX FLANGE M12-1.75 X 50	4	
N	24899346	HOUSING, FLYWHEEL	1	
P	36108009	PLUG	1	
Q	24899478	O-RING 69.52 X 2.616mm	1	
R	36114015	SEAL, REAR OIL	1	
S	36100220	PLUG, PIPE 1/2" NPT	1	
T	36105997	PIN, PISTON	4	
U	85471175	BUSHING, CONNECTING ROD	4	
V	85472348	SCREW, CONNECTING ROD CAP	8	
W	85473411	KIT, CONNECTING ROD	4	
X	24899619	CRANKSHAFT	1	

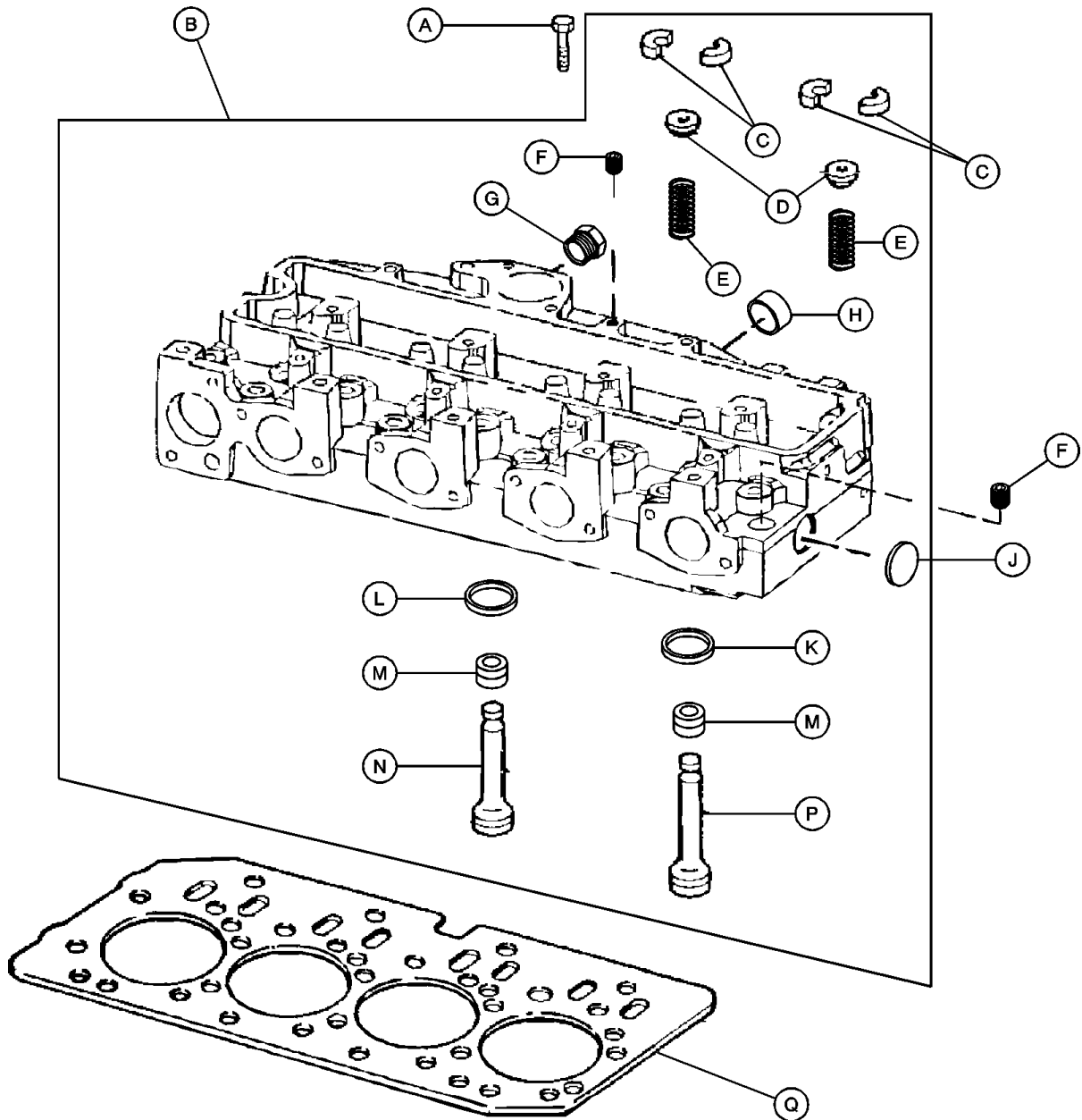
CRANK SHAFT and FLYWHEEL ASSEMBLY (cont'd)



22666101_M07_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Y	36117711	BEARING, PISTON ROD	4	Standard
	36117729	BEARING, PISTON ROD	AR	.010 Undersize
Z	36109205	PIN, DOWEL 1/2 X 1.12"	1	
A1	85470557	KEY, SHAFT 4 X 16 mm	1	
A2	36105112	GEAR, CRANKSHAFT	1	
A3	36117570	BEARING, REAR MAIN	1	Standard
	36117745	BEARING, REAR MAIN	AR	Undersize .245mm
A4	36117562	BEARING, MAIN	4	Standard
	36117737	BEARING, MAIN	AR	Undersize .245mm
A5	36104602	COVER, OIL FILL PORT	1	
A6	36118149	SCREW, HEX FLANGE M08-1.25 X 20	2	

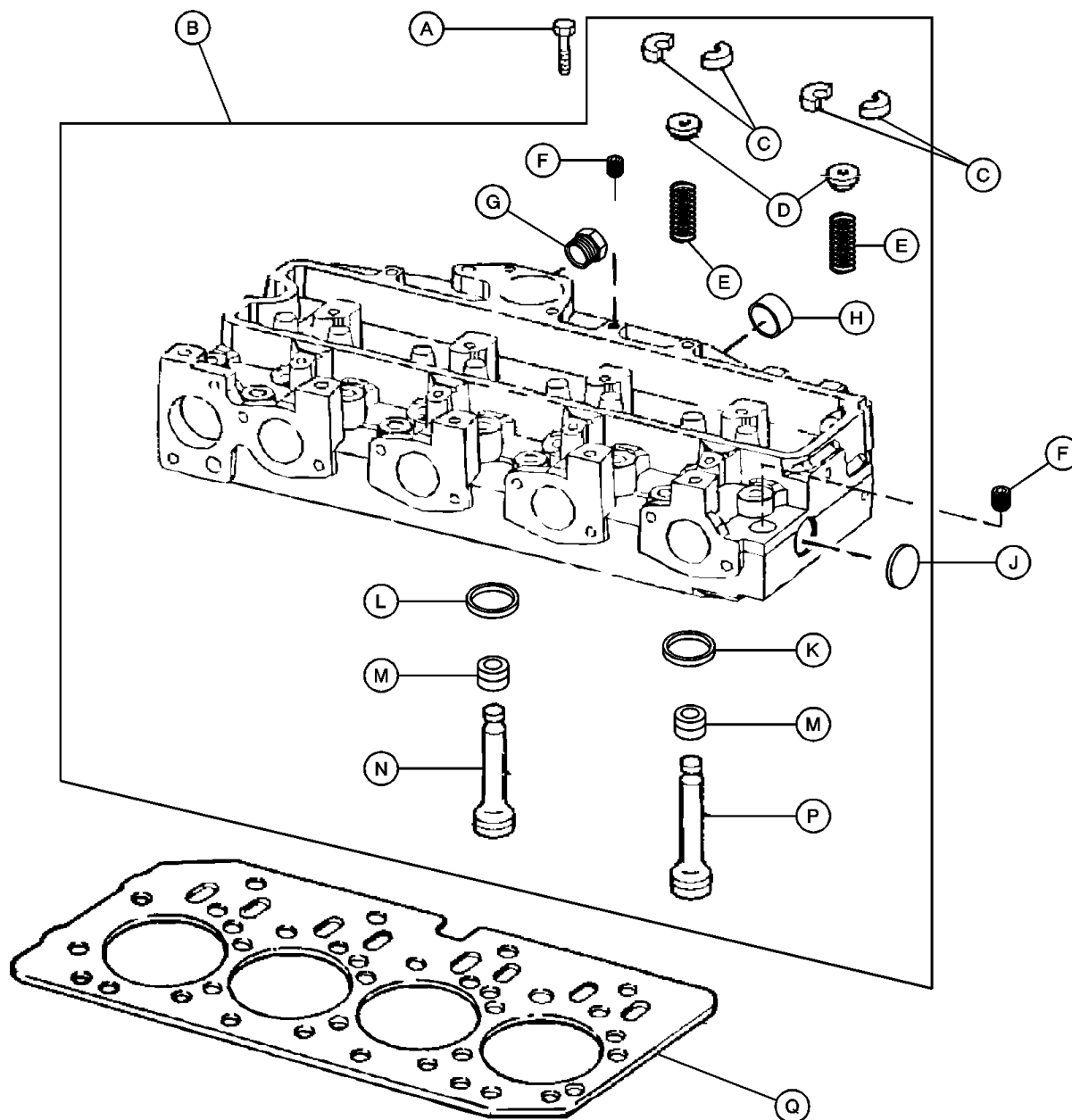
CYLINDER HEAD ASSEMBLY



22666101_M08_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36111185	SCREW, HEX CAP	18	
B	36115426	HEAD ASSEMBLY, CYLINDER	1	
C	36111631	RETAINER, SPLIT VALVE	16	
D	36116135	ROTATOR, VALVE SPRING	8	
E	36108645	SPRING, VALVE	8	
F	36103604	PLUG, PIPE	2	
G	36119766	FITTING	1	
H	36109056	CAP	2	
J	36102606	CAP	1	
K	36013745	INSERT, INTAKE VALVE SEAT	4	
L	36013737	INSERT, EXHAUST VALVE SEAT	4	

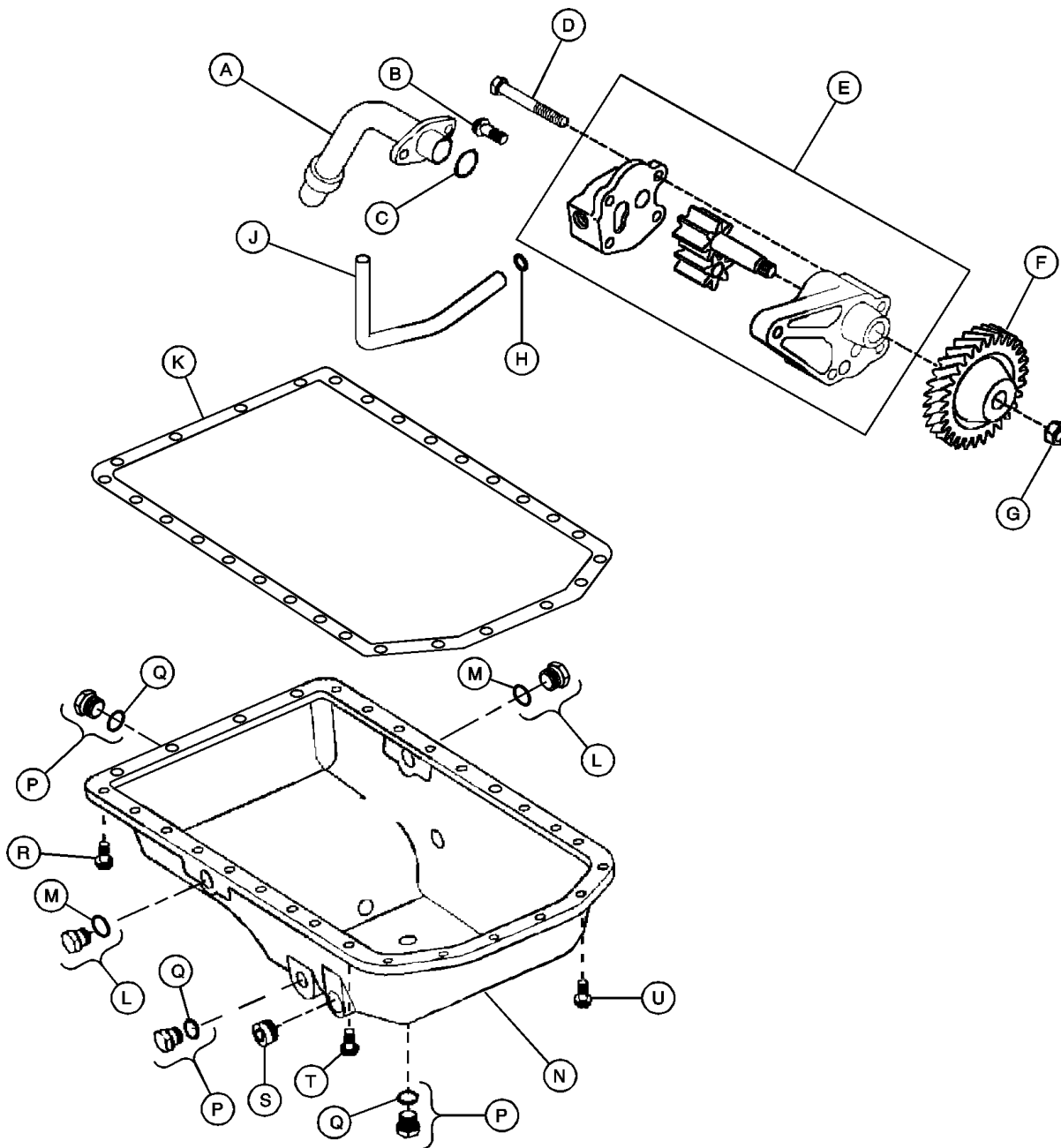
CYLINDER HEAD ASSEMBLY (cont'd)



22666101_M08_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36113140	SEAL, VALVE	8	
N	36112118	VALVE, INTAKE	4	
	36112035	VALVE, INTAKE	AR	.015" Oversized
	36112043	VALVE, INTAKE	AR	.030" Oversized
P	36111466	VALVE, EXHAUST	4	
	36112050	VALVE, EXHAUST	AR	.015" Oversized
	36112068	VALVE, EXHAUST	AR	.030" Oversized
Q	36104719	GASKET, CYLINDER HEAD	1	
R	24899296	STRAP, REAR ENGINE LIFT	1	
S	36100881	SCREW, HEX FLANGE M12-1.75 X 25	1	

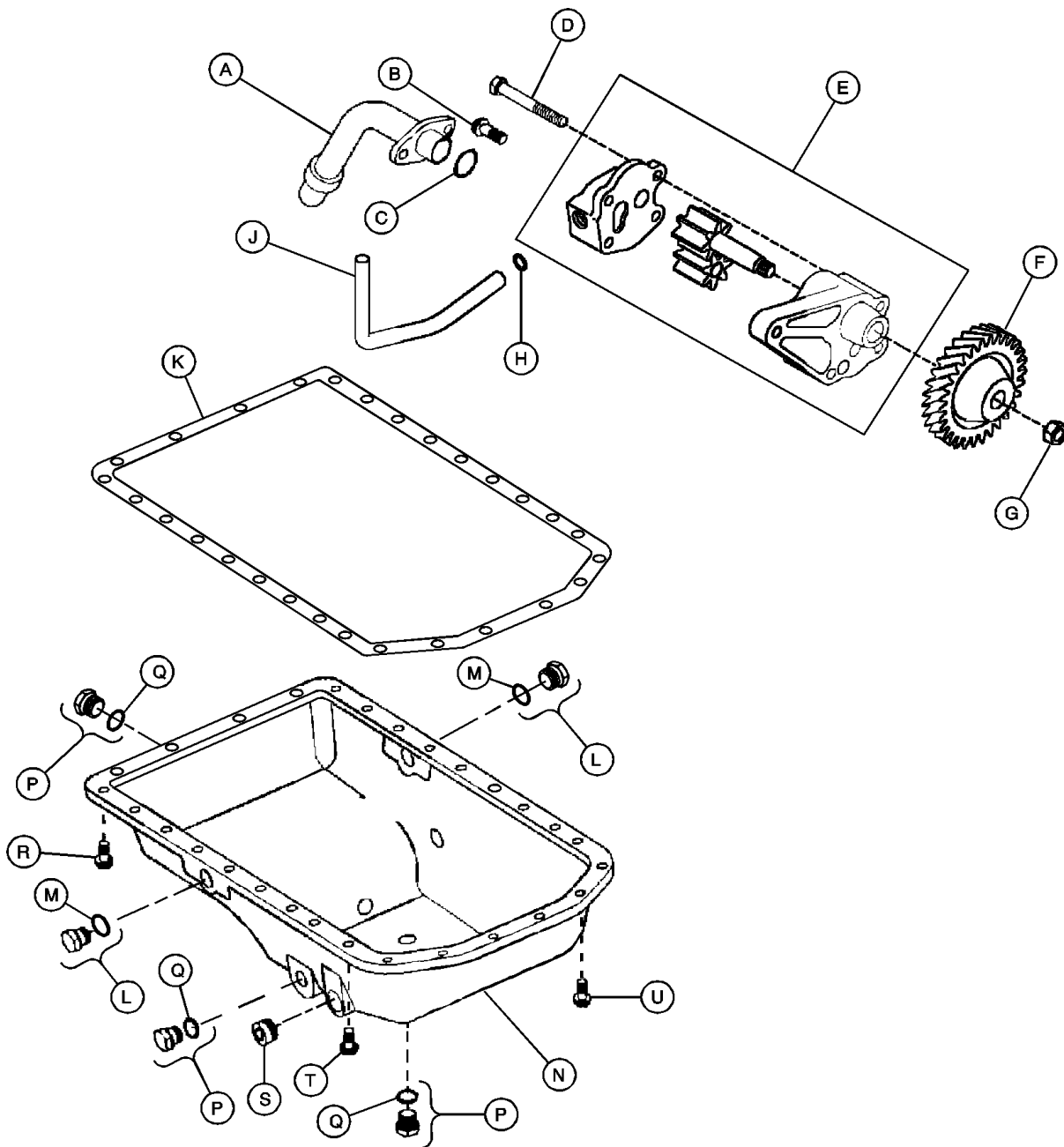
OIL PAN & OIL SUMP



22666101_M09_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36115525	PIPE, OIL PUMP INTAKE	1	
B	22117385	SCREW, HEX M08-1.25 X 100	2	
C	36109932	O-RING, OIL PUMP INTAKE	1	
D	24898983	SCREW, M08-1.25 X 65	2	
E	85471563	PUMP, OIL	1	
F	36105146	GEAR, OIL PUMP	1	
G	85470052	O-RING, OIL PUMP OUTLET	1	
H	36111938	NUT, HEX M12-1.75	1	
J	36105377	TUBE, OIL PUMP OUTLET	1	
K	36106201	GASKET, ENGINE OIL PAN	1	

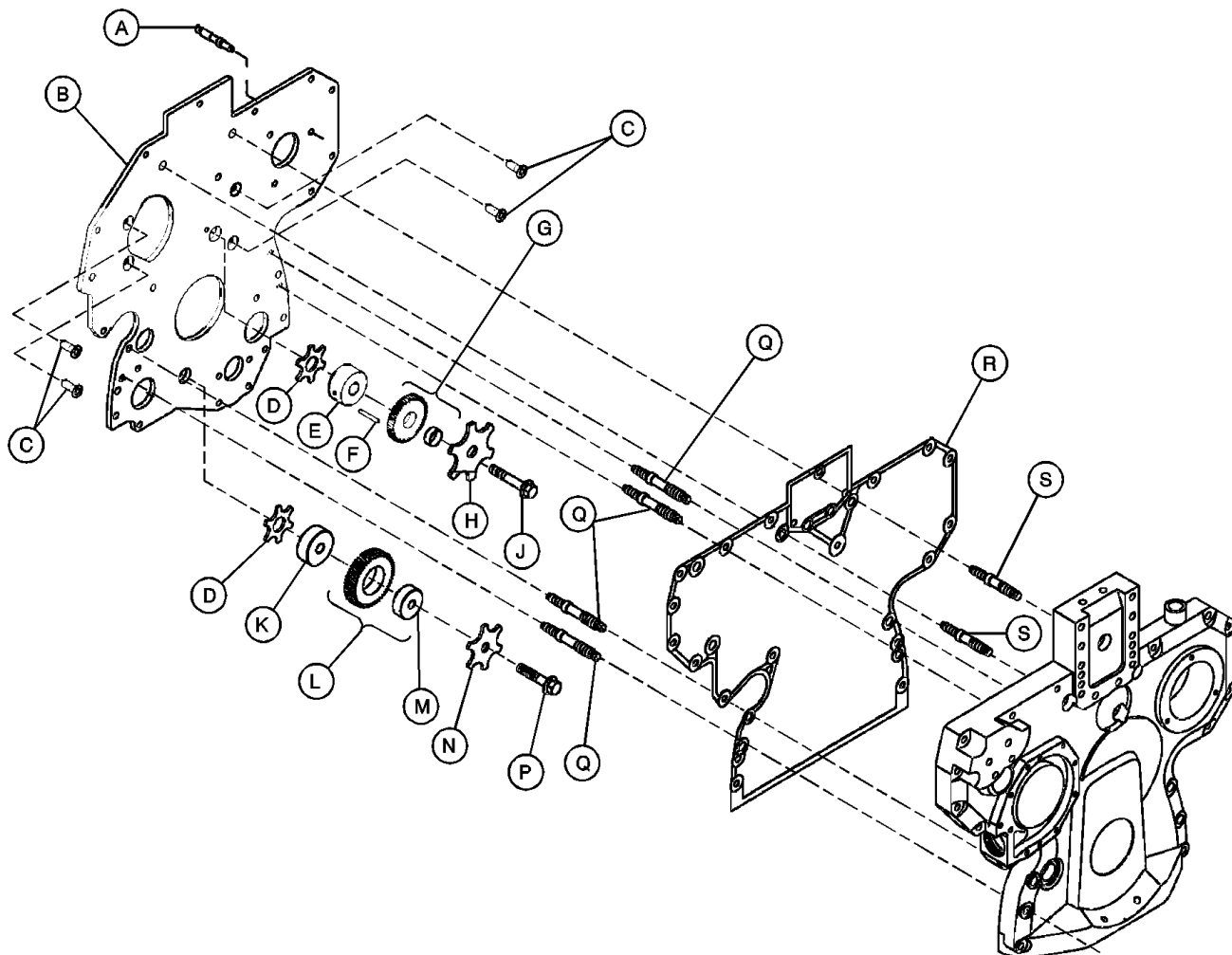
OIL PAN & OIL SUMP (cont'd)



22666101_M09_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	36114106	GASKET, OIL DRAIN PLUG	2	
M	85470649	O-RING	2	
N	36105500	PAN, OIL	1	
P	36114080	PLUG / GASKET, OIL PAN	3	
Q	85470623	O-RING, 15.3 X 2.20mm	3	
R	24898868	SCREW, HEX FLANGE M08-1.25 X 45	4	
S	22050553	PLUG, PIPE 3/4" NPT	1	
T	36100261	SCREW, HEX M08-1.25 X 25	18	
U	24898926	SCREW, HEX FLANGE M08-1.25 X 30	6	

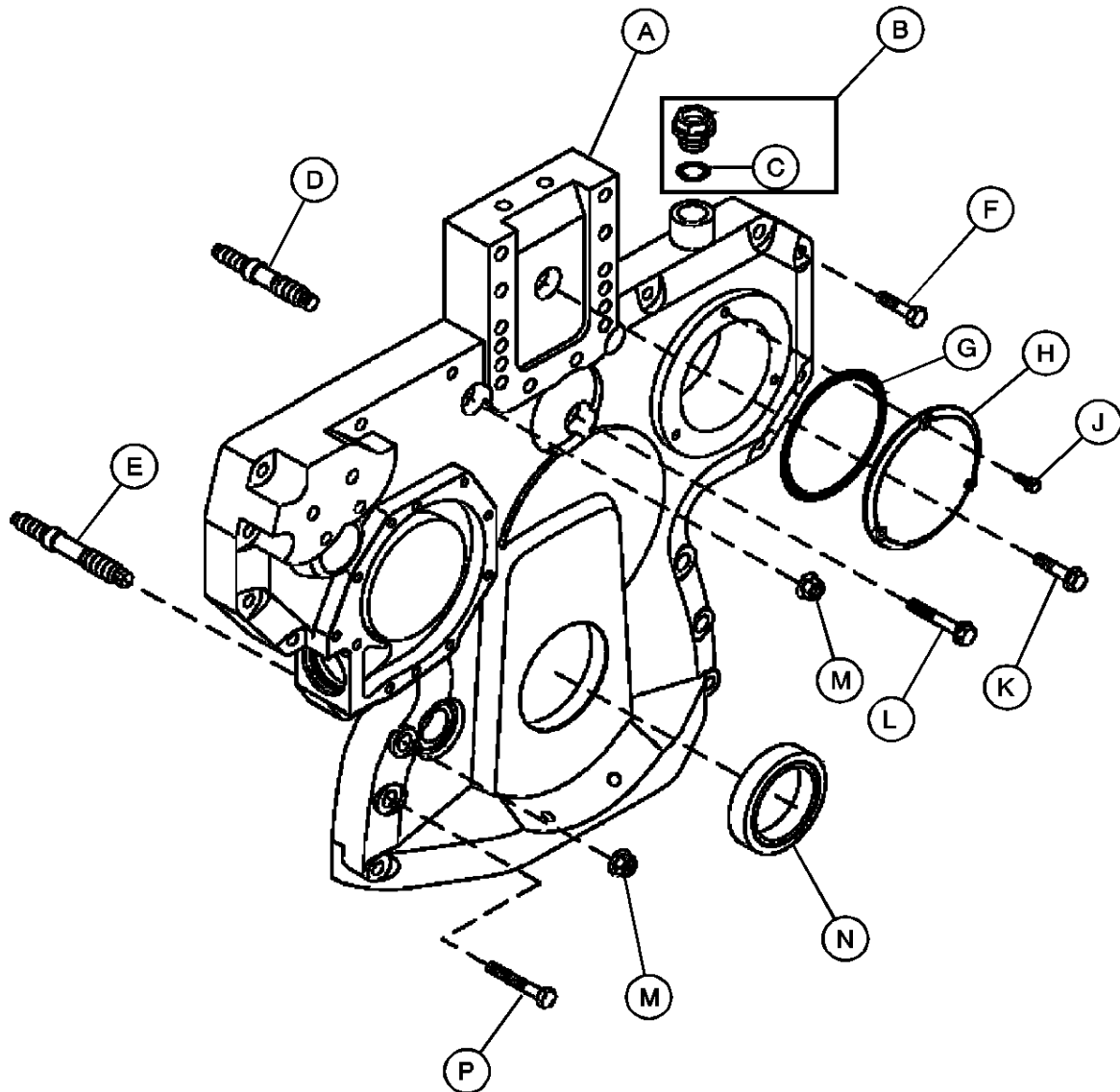
CRANKSHAFT IDLE GEARS



22666101_M10_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36104651	STUD	3	
B	85472058	PLATE, FRONT BLOCK	1	
C	36108587	SCREW, CAP	4	
D	85471035	WASHER, INSIDE IDLE GEAR THRUST	2	
E	36105161	SHAFT w/PIN, UPPER IDLER	1	
F	24899049	PIN, SPRING	1	
G	36115053	GEAR, UPPER IDLER	1	
H	36107936	WASHER, OUT UPR IDLE GEAR THRUST	1	
J	24898991	SCREW, HEX FLANGE M08-1.25 X 12	1	
K	36104248	SHAFT, LOWER IDLE GEAR	1	
L	36115095	GEAR, LOWER IDLER	1	
M	36104230	BUSHING, LOWER IDLER GEAR	1	
N	36107951	WASHER, OUT LWR DL GEAR THR	1	
P	24898975	SCREW, HEX FLANGE M10-1.50 X 50	1	
Q	36106797	STUD	4	
R	85471985	GASKET, TIMING GEAR COVER	1	
S	85472041	STUD	2	

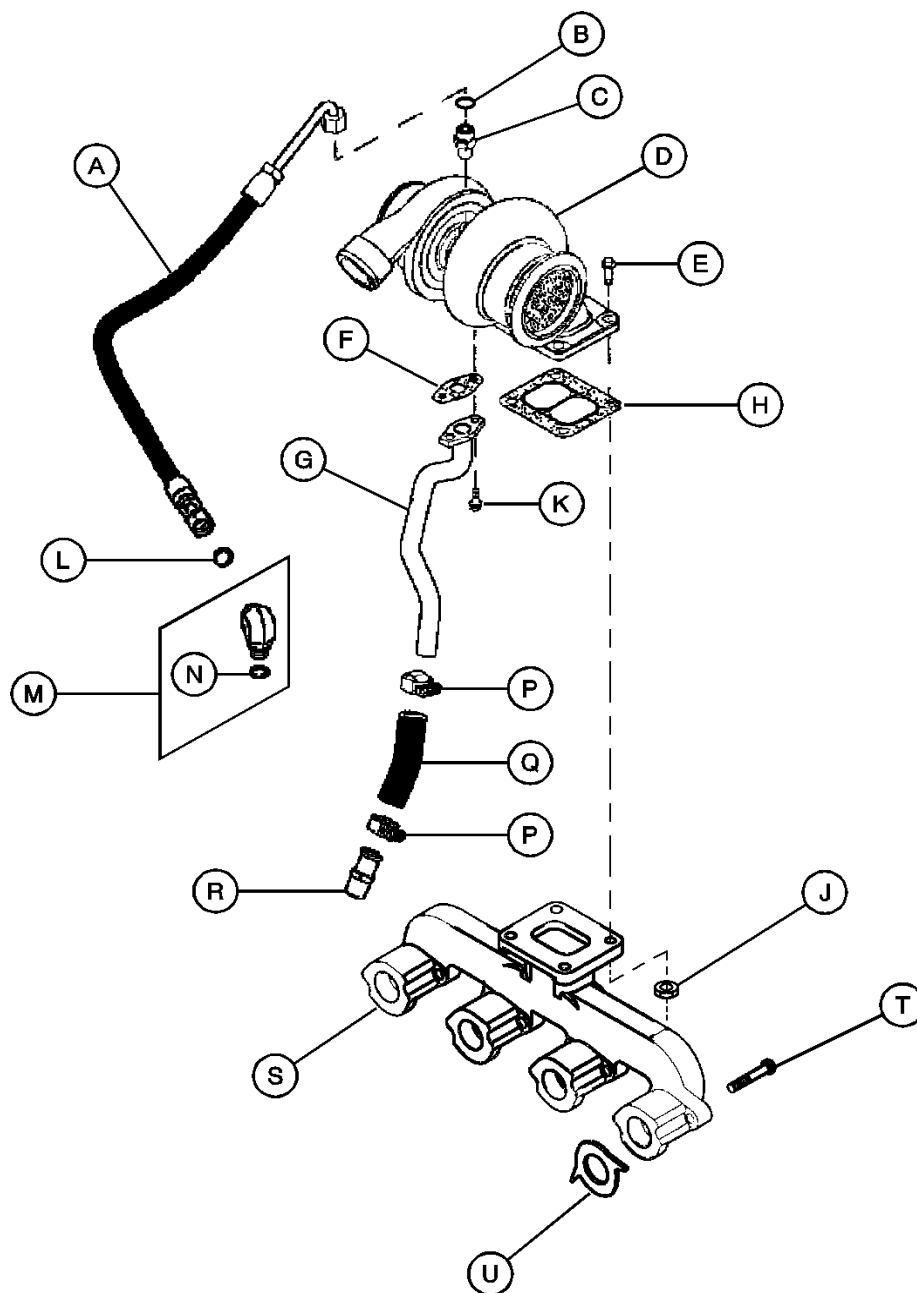
TIMING GEAR COVER



22666101_M11_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899403	COVER, TIMING GEAR	1	
B	85473502	PLUG	1	
C	85470631	O-RING, 17.3 X 2.2 mm	1	
D	85472041	STUD, L=68mm	2	
E	36016797	STUD, L=79mm	4	
F	36118156	SCREW, HEX HD M08-1.25 X 45	1	
G	36105450	O-RING	1	
H	36105419	COVER, INJECTION PUMP	1	
J	85470342	SCREW, HEX FLANGE M06-1.0 X 16	3	
K	85471084	SCREW, HEX FLANGE M08-1.25 X 35	1	
L	36118156	SCREW, HEX FLANGE M08-1.25 X 45	2	
M	36100188	NUT, FLANGE M10-1.5	6	
N	36116036	SEAL, FRONT OIL	1	
P	85471126	SCREW, HEX FLANGE M08-1.25 X 55	2	

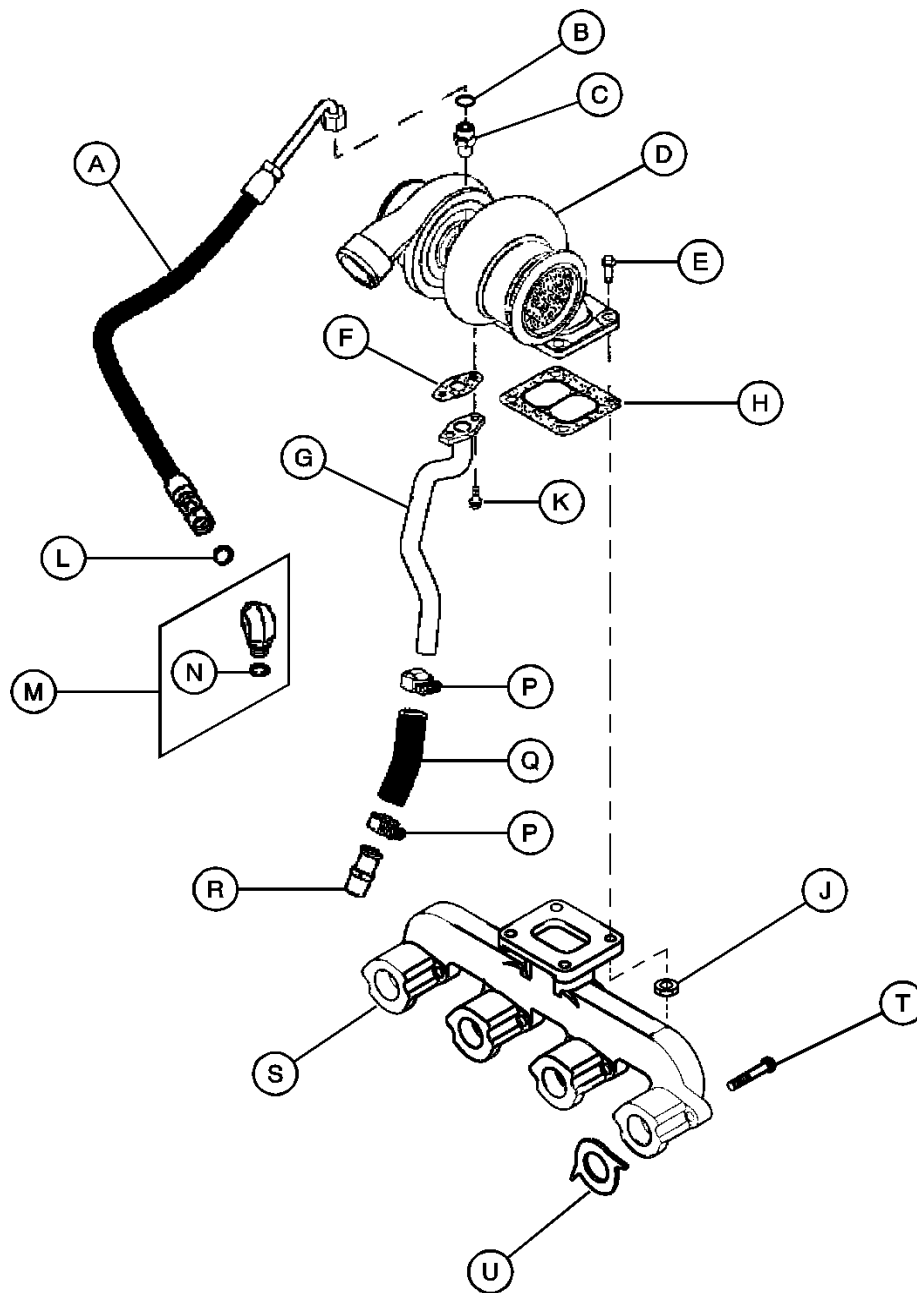
EXHAUST MANIFOLD & TURBOCHARGER



22666101_M12_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85473676	LINE, OIL	1	
B	36110054	O-RING	1	
C	36103182	ADAPTER	1	
D	22222541	TURBOCHARGER	1	
E	85471787	SCREW, HEX FLANGE M10-1.50 X 40	4	
F	22222517	GASKET, TURBO OIL DRAIN PIPE	1	
G	22222533	LINE, OIL DRAIN	1	
H	36111649	GASKET, TURBO TO EXH MAN	1	
J	36100188	NUT, FLANGE	1	
K	24898918	SCREW, HEX FLANGE M06-1.0 X 20	1	

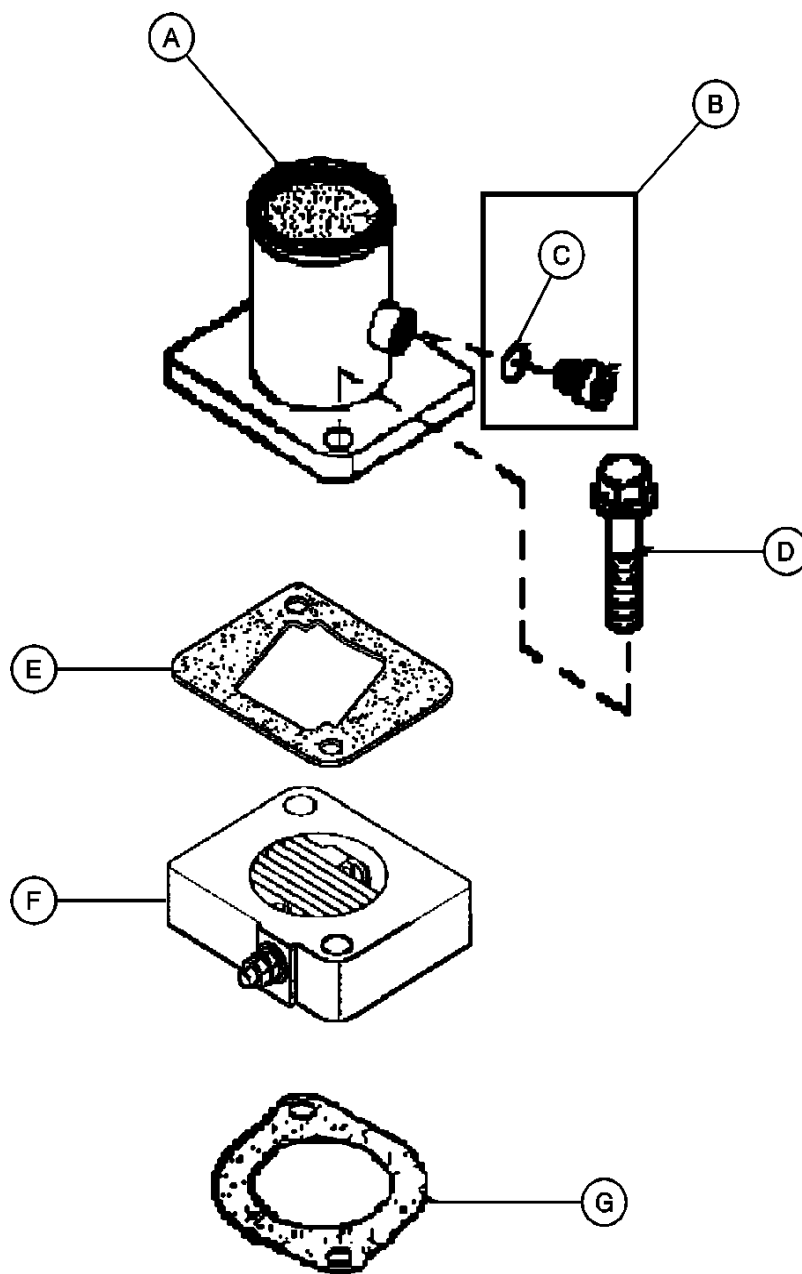
EXHAUST MANIFOLD & TURBOCHARGER (cont'd)



22666101_M12_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	36119808	O-RING	1	
M	85470573	ELBOW, FITTING	1	
N	85470615	O-RING	1	
P	36117885	CLAMP	2	
Q	36105021	HOSE	4.5"	
R	85474054	FITTING, HOSE	1	
S	36108116	MANIFOLD, EXHAUST	1	
T	85470292	SCREW, HEX FLANGE M10-1.5 X 80	8	
U	36111458	GASKET, EXHAUST MANIFOLD	4	

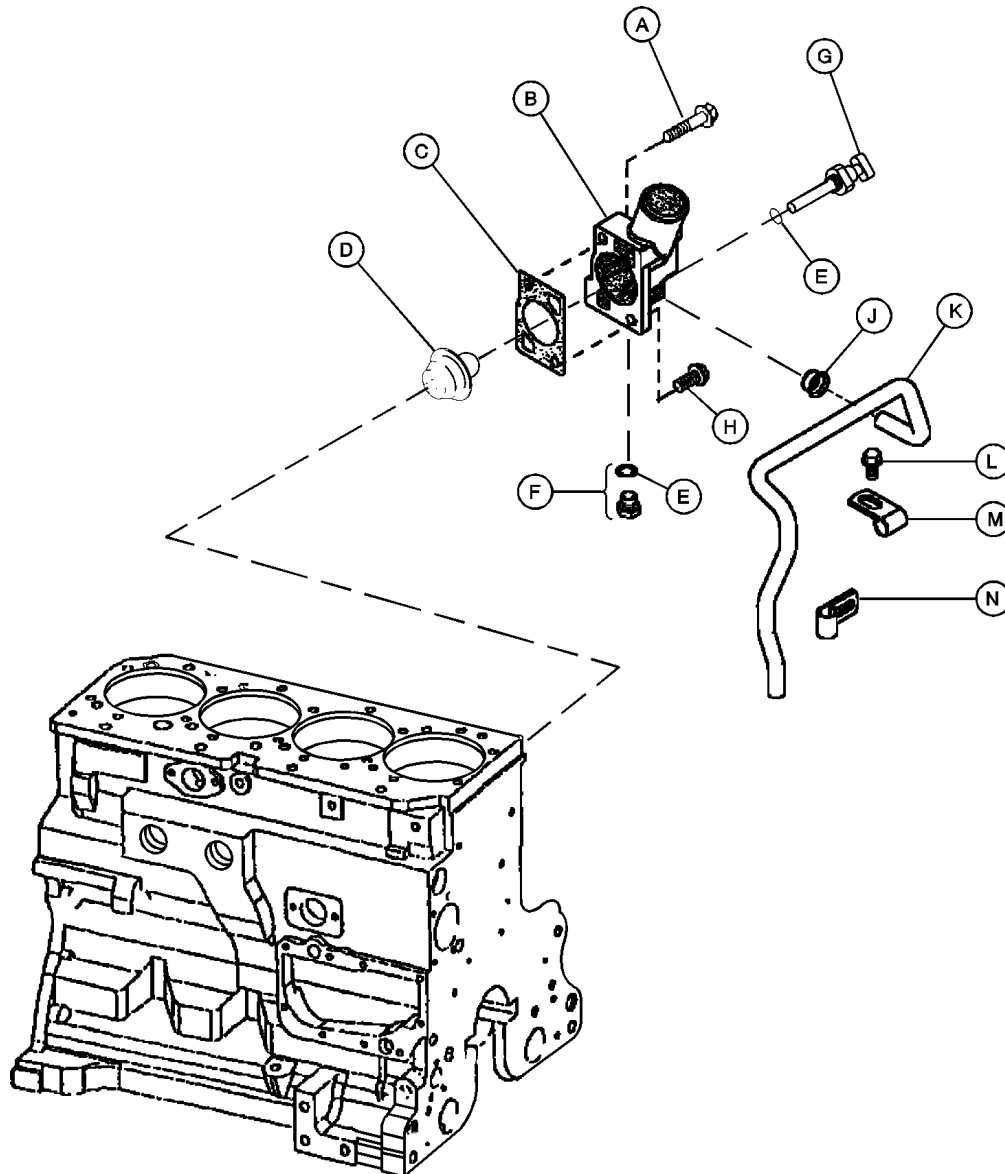
AIR INTAKE with HEATER



22666101_M13_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85473361	MANIFOLD, INTAKE	1	
B	85470607	O-RING	1	
C	36114072	PLUG	1	
D	85470474	SCREW	2	
E	36125276	GASKET, INTAKE MANIFOLD	1	
F	85473981	HEATER, 24V INTAKE AIR	1	
G	36125284	GASKET, AIR INLET	1	

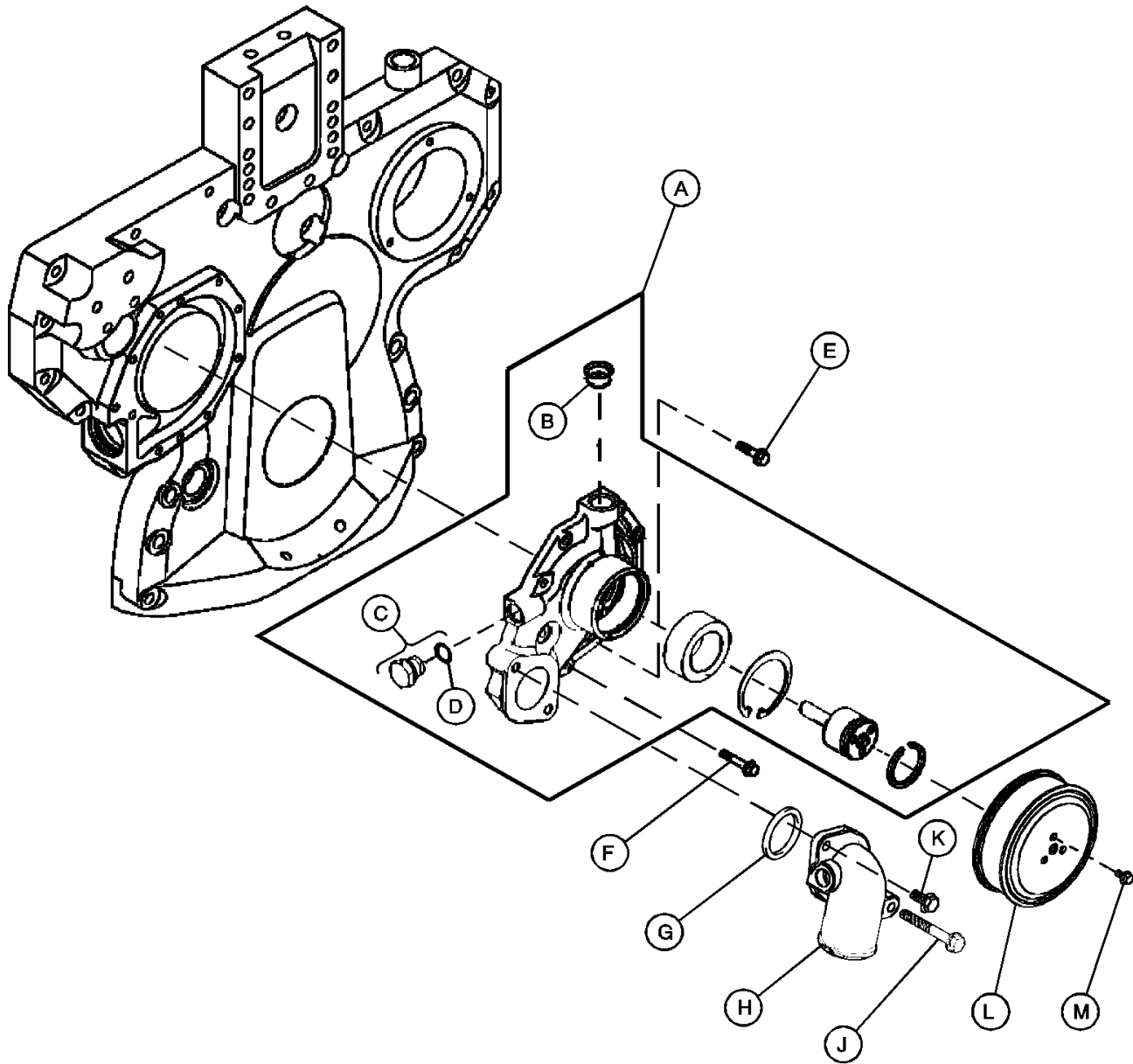
THERMOSTAT HOUSING



22666101_M14_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85470474	SCREW, HEX FLANGE M10-1.50 X 50	1	
B	36017910	HOUSING, THERMOSTAT	1	
C	85472496	GASKET, THERMOSTAT HOUSING	1	
D	36117463	THERMOSTAT	1	
E	85470607	O-RING, 11.30 X 2.20mm	2	
F	36114072	PLUG w/O-RING	1	
G	22222590	SENSOR, COOLANT TEMPERATURE	1	
H	24898843	SCREW, HEX FLANGE M10-1.50 X 30	1	
J	36106060	GASKET, WATER BY-PASS TUBE	1	
K	22222525	TUBE, WATER BY-PASS	1	
L	36100881	SCREW, HEX FLANGE M12-1.75 X 25	1	
M	36106169	CLAMP	1	
N	36106177	CLAMP	1	

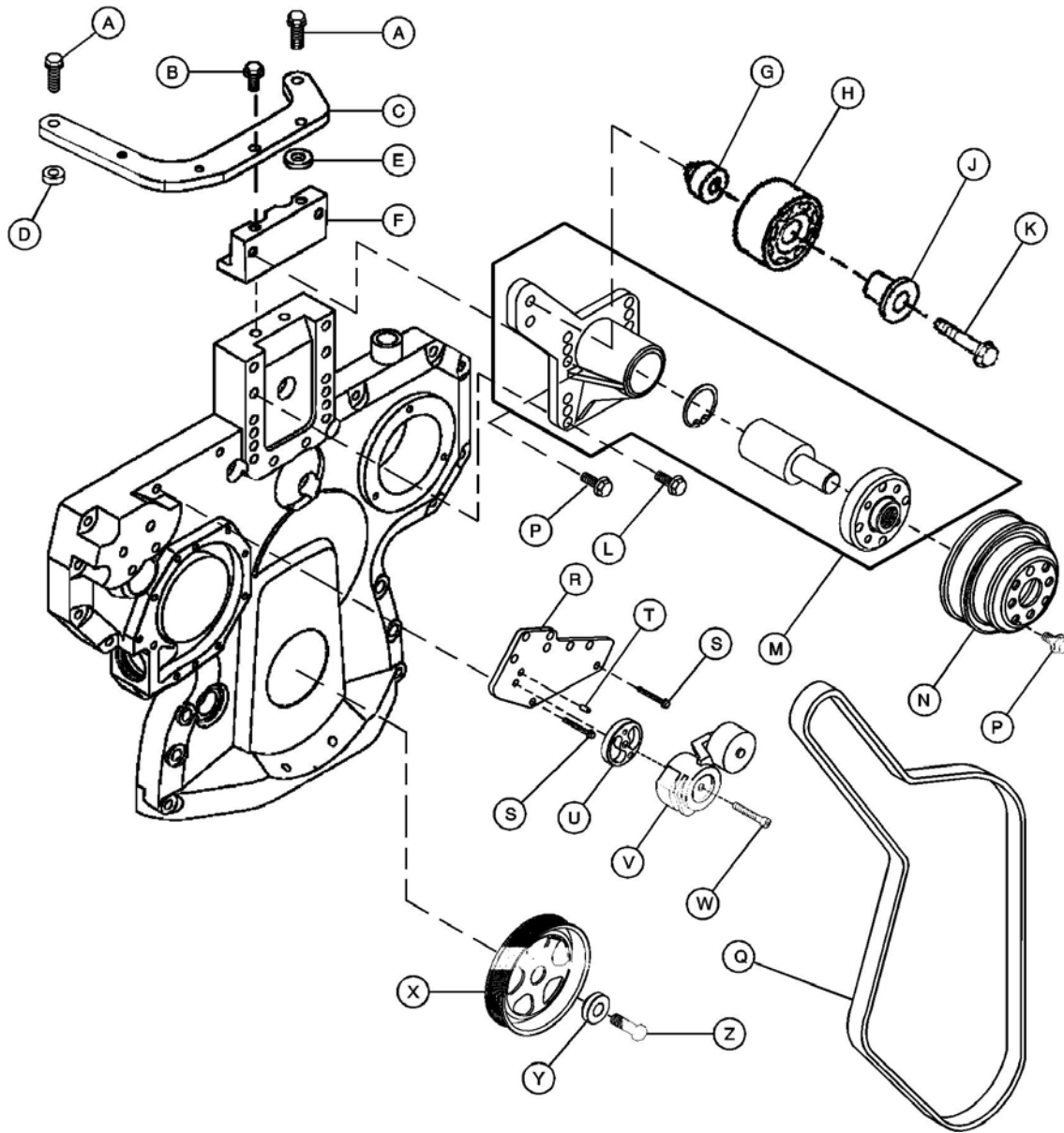
WATER PUMP



22666101_M15_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899601	PUMP, WATER	1	
B	36106060	GASKET, WATER BY-PASS TUBE	1	
C	36114080	PLUG, OIL DRAIN W/GASKET	1	
D	85470623	O-RING 15.3 X 2.20 mm	1	
E	85471167	SCREW, HEX FLANGE M06-1.0 X 25	5	
F	85471183	SCREW, HEX FLANGE M06-1.0 X 30	3	
G	36111425	O-RING, 50.394 X 3.531mm	1	
H	24899338	HOUSING, WATER PUMP INLET	1	
J	85470375	SCREW, HEX FLANGE M08-1.25 X 65	1	
K	85470417	SCREW, HEX FLANGE M08-1.25 X 25	1	
L	85471225	PULLEY, WATER PUMP	1	
M	85470334	SCREW, HEX FLANGE M06-1.0 X 12	3	

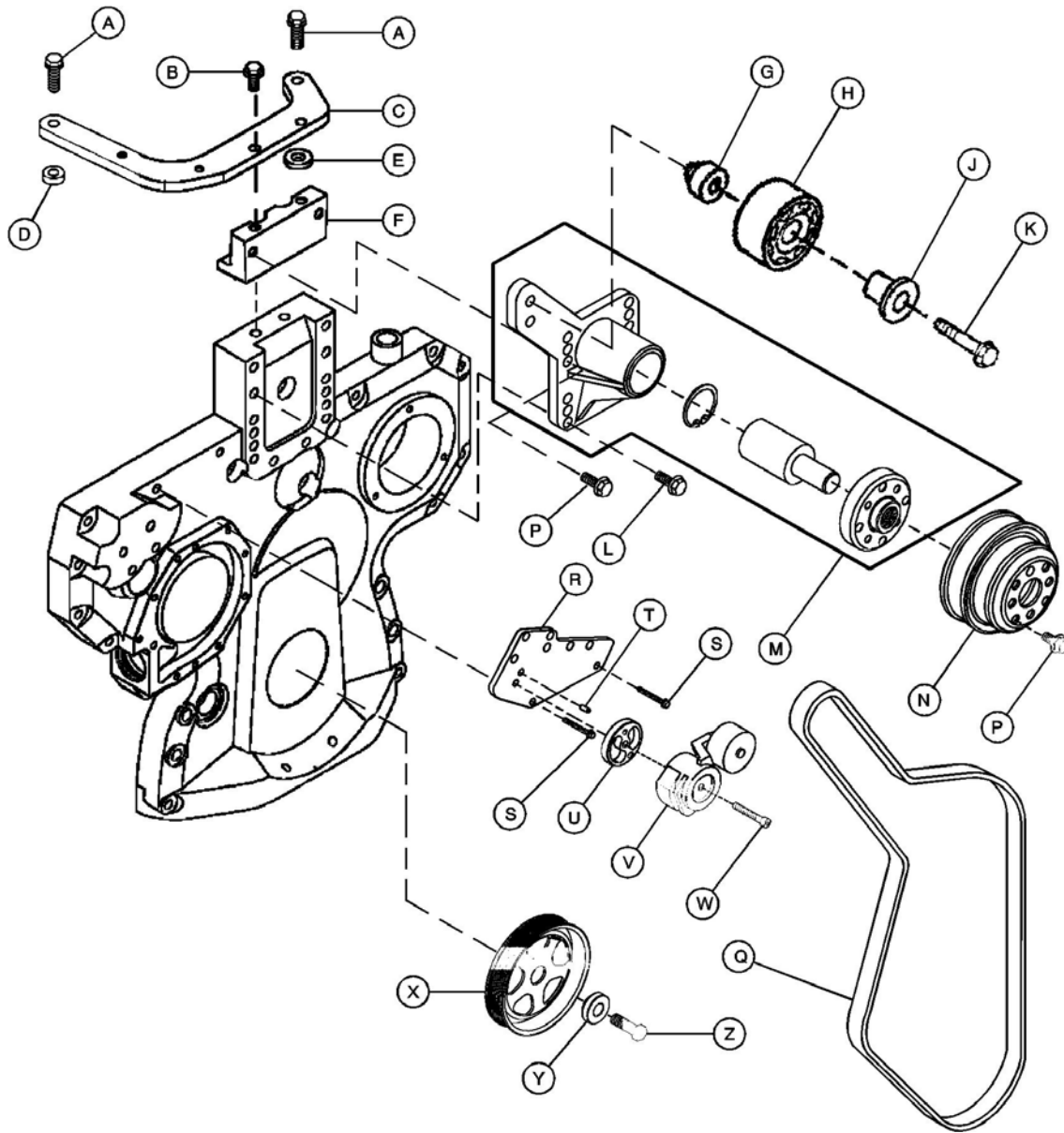
FAN DRIVE and IDLER PULLEYS



22666101_M16_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24898850	SCREW, HEX FLANGE M12-1.75 X 35	2	
B	24898843	SCREW, HEX FLANGE M10-1.50 X 30	2	
C	24899213	BRACKET, FAN DR SPCR SPRT	1	
D	24899130	WASHER, FLAT 13.5 X 28.6 X 8.6mm	1	
E	24899999	WASHER, FLAT	1	
F	24899205	SPACER, FAN DRIVE BLOCK	1	
G	85472280	SPACER, IDLE PULLEY	1	
H	85473833	PULLEY, IDLER	1	
J	85472454	SLEEVE, IDLE PULLEY	1	
K	24898876	SCREW, HEX FLANGE M10-1.50 X 65	1	
L	24898900	SCREW, HEX FLANGE M10-1.50 X 35	4	
M	85473700	SUPPORT, FAN DRIVE	1	

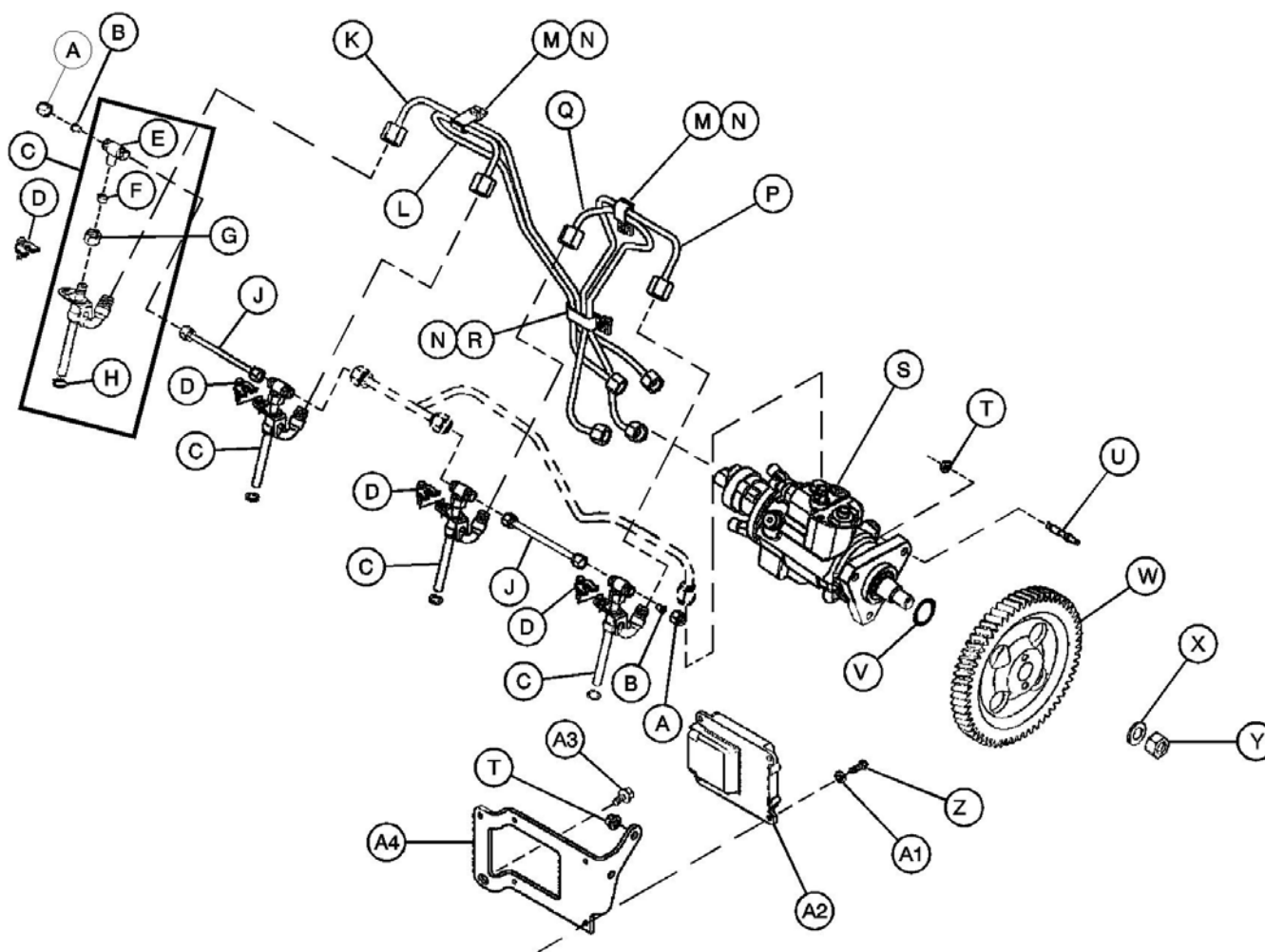
FAN DRIVE and IDLER PULLEYS (cont'd)



22666101_M16_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36107498	PULLEY, FAN	1	
P	85470359	SCREW, HEX FLANGE M10-1.50 X 20	4	
Q	22206247	BELT, 6IRF8TE FAN	1	
R	36108082	SUPPORT, IDLE TENSIONER	1	
S	85471134	SCREW, HEX FLANGE M08-1.25 X 60	2	
T	24899056	PIN, SPRING	1	
U	24899262	SPACER, BELT TENSIONER	1	
V	36118487	PULLEY, IDLE TENSIONER	1	
W	24898942	SCREW, HEX SOC CAP M10-1.5 X 70	1	
X	24899387	PULLEY, CRANKSHAFT	1	
Y	24899460	BUSHING, CRANKSHAFT PULLEY	1	
Z	24899098	BOLT, CRANKSHAFT PULLEY	1	

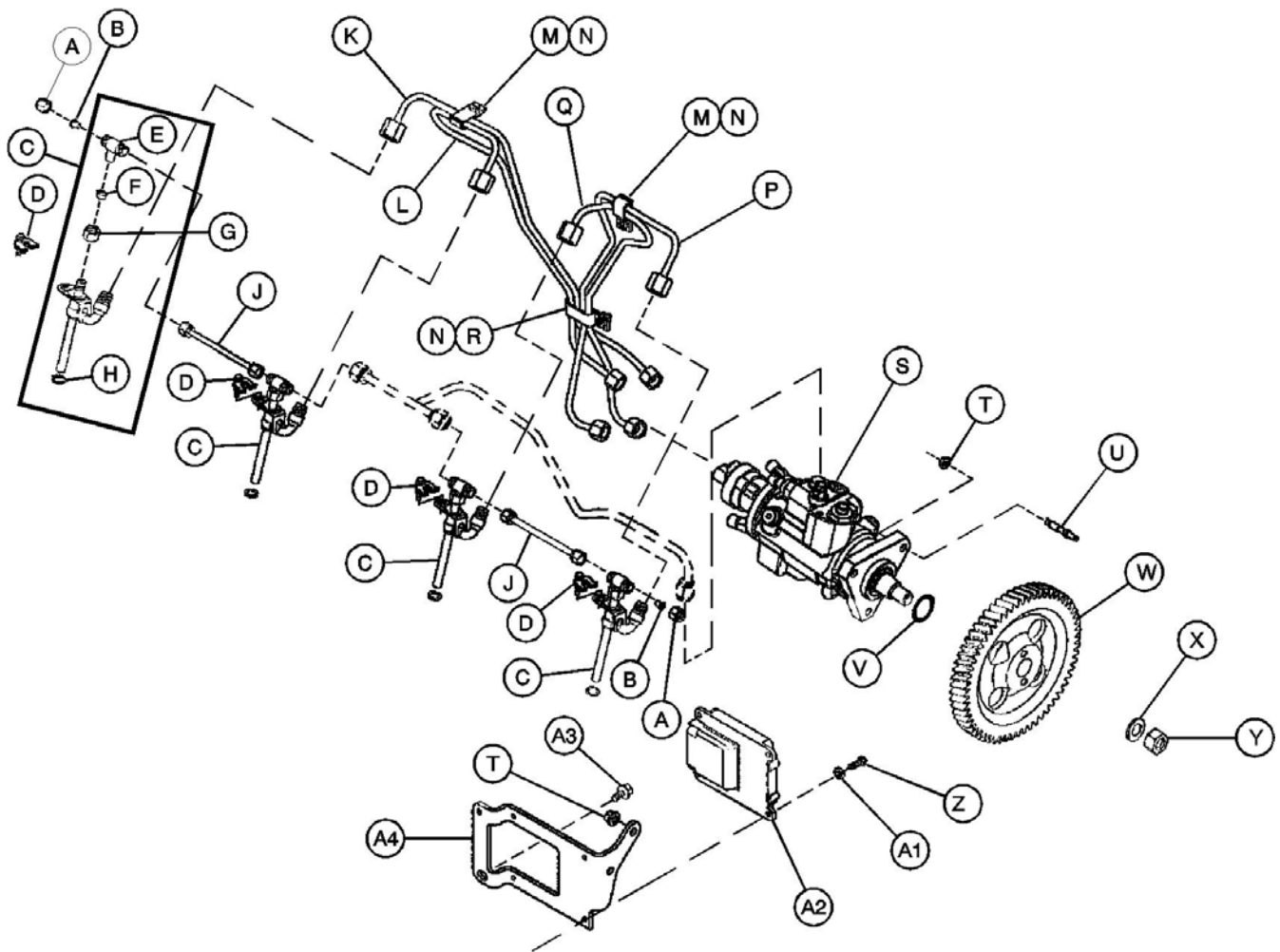
INJECTION PUMP and FUEL LINES



22666101_M17_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36106821	NUT, TUBE	2	
B	36101962	PLUG w/SLEEVE	2	
C	22222566	INJECTION NOZZLE	4	
D	24899759	CLAMP, INJECTION NOZZLE	4	
E	36110377	TEE, FITTING	4	
F	36110674	WASHER, INJECTOR SEALING	4	
G	36110666	NUT, TUBE	4	
H	36111672	PACKING, INJECTION NOZZLE	4	
J	36118339	TUBE, FUEL RAIL	2	
K	24899700	LINE, #4 FUEL	1	
L	24899692	LINE, #3 FUEL	1	
M	36112514	CLAMP, 2 TUBE	2	
N	85470458	SCREW, CAP M06-1/0 X 12	3	
P	24899684	LINE, #2 FUEL	1	

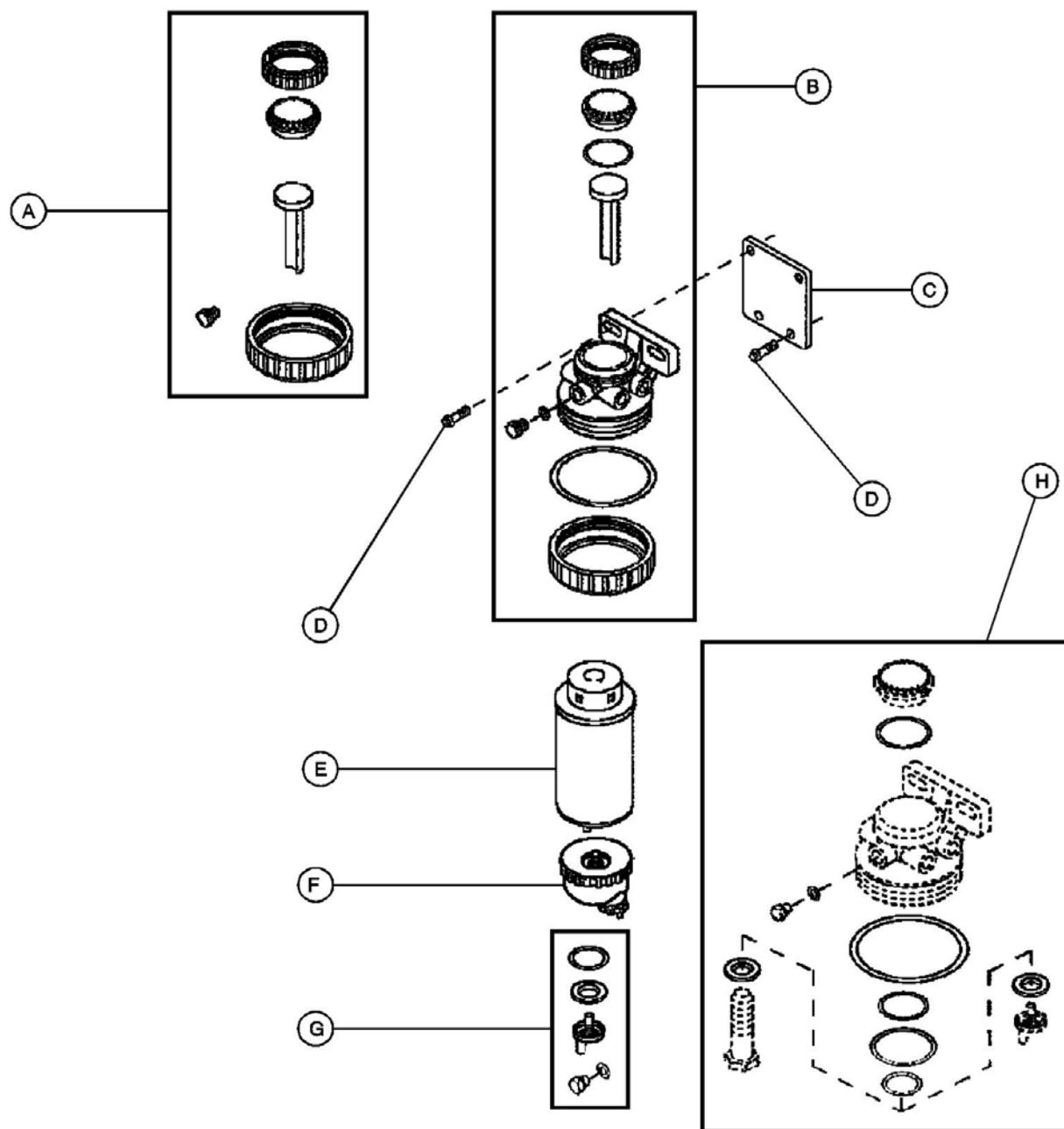
INJECTION PUMP and FUEL LINES (cont'd)



22666101_M17_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Q	24899676	LINE, #1 FUEL	1	
R	36112522	CLAMP, 4 TUBE	1	
S	24899957	PUMP, FUEL INJECTION	1	
T	24898801	NUT, FLANGE	5	
U	36104651	STUD	3	
V	85472447	O-RING	1	
W	24899445	GEAR, INJECTION PUMP	1	
X	36108256	LOCKWASHER	1	
Y	36111516	NUT	1	
Z	24898827	SCREW, CAP M05-0.8 X 12	4	
A1	24899023	WASHER, FLAT 5.3 X 10 X 1	4	
A2	22223911	CONTROLLER, ENGINE	1	
A3	85470359	SCREW, HEX FLANGE M10-1.50 X 20	1	
A4	24899353	BRACKET, ENGINE CONTROLLER	1	

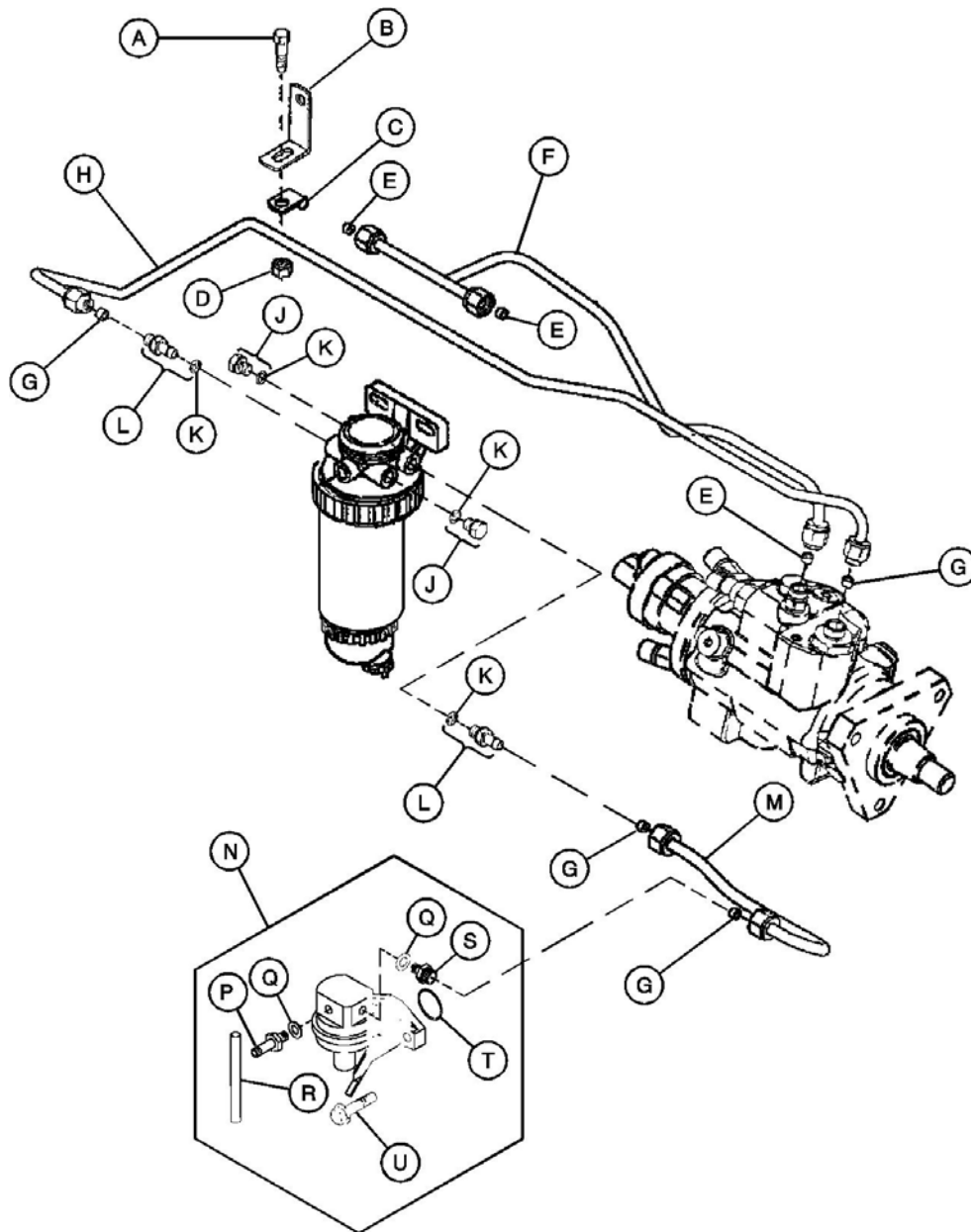
FUEL FILTER



22666101_M18_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36114536	KIT, FUEL FILTER SEAL	AR	
B	36125219	HEAD, FUEL FILTER	1	
C	24899452	BRACKET, FUEL FILTER MOUNTING	1	
D	85470359	SCREW, HEX FLANGE M10-1.50 X 20	4	
E	22206197	ELEMENT, FUEL FILTER	1	
F	36114544	BOWL, SEDIMENT	1	
G	36116648	KIT, FUEL FILTER DRAIN	AR	
H	24899932	KIT, FUEL FILTER GASKET	AR	

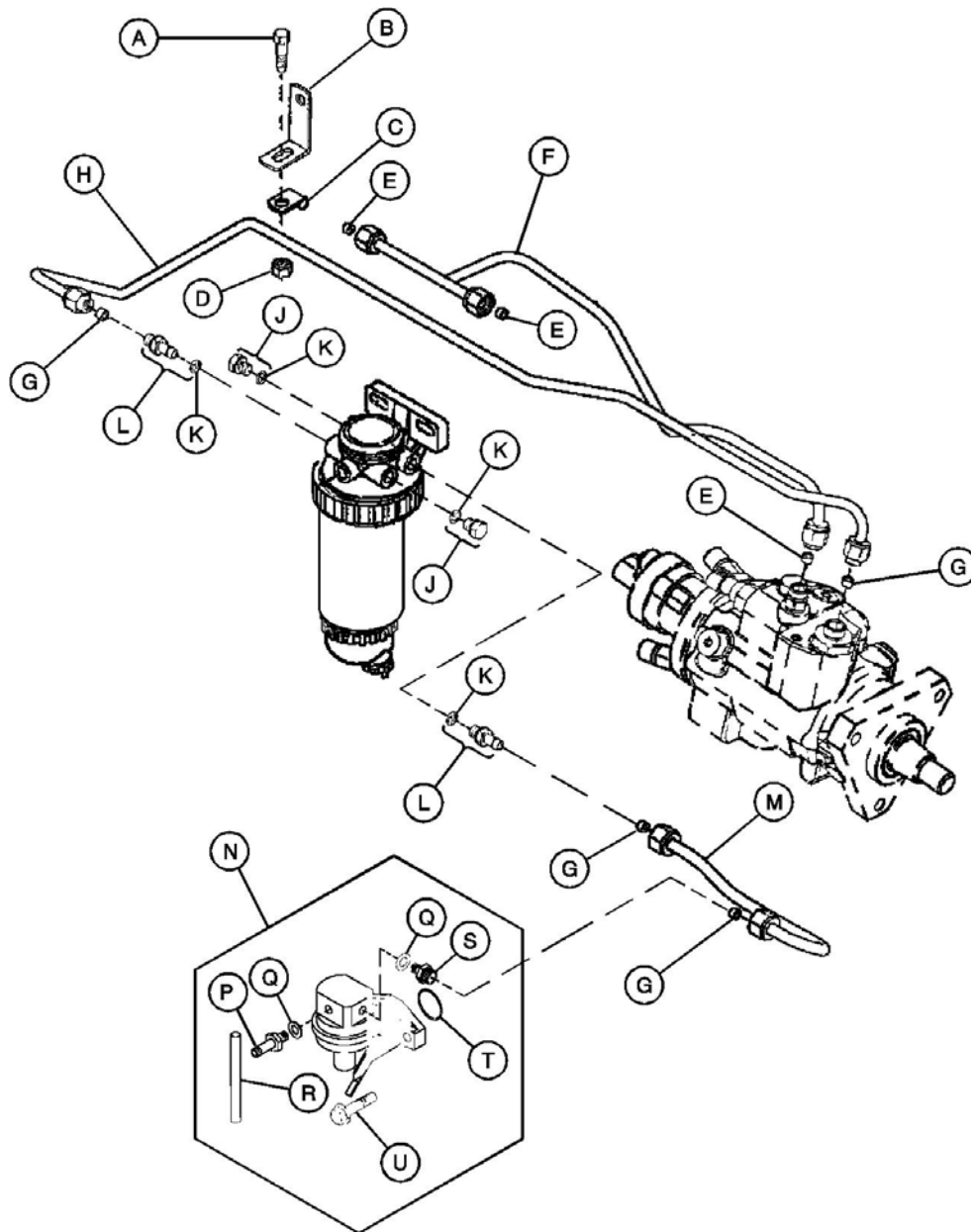
FUEL FILTER and FUEL PUMP



22666101_M19_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85470359	SCREW, HEX FLANGE M10-1.50 X 20	1	
B	24899437	BRACKET, "L"	1	
C	36118750	CLAMP, FUEL LINE	1	
D	36100188	NUT, FLANGE M10-1.5	1	
E	36126050	WASHER, SEALING	3	
F	24899668	LINE, INJ PUMP/FUEL RAIL	1	
G	36126001	WASHER, SEALING	4	
H	24899890	LINE, FUEL FLTR / INJ PUMP FUEL	1	
J	36114098	PLUG w/O-RING	1	
K	36126019	O-RING, 9.3 X 2.2 mm	4	

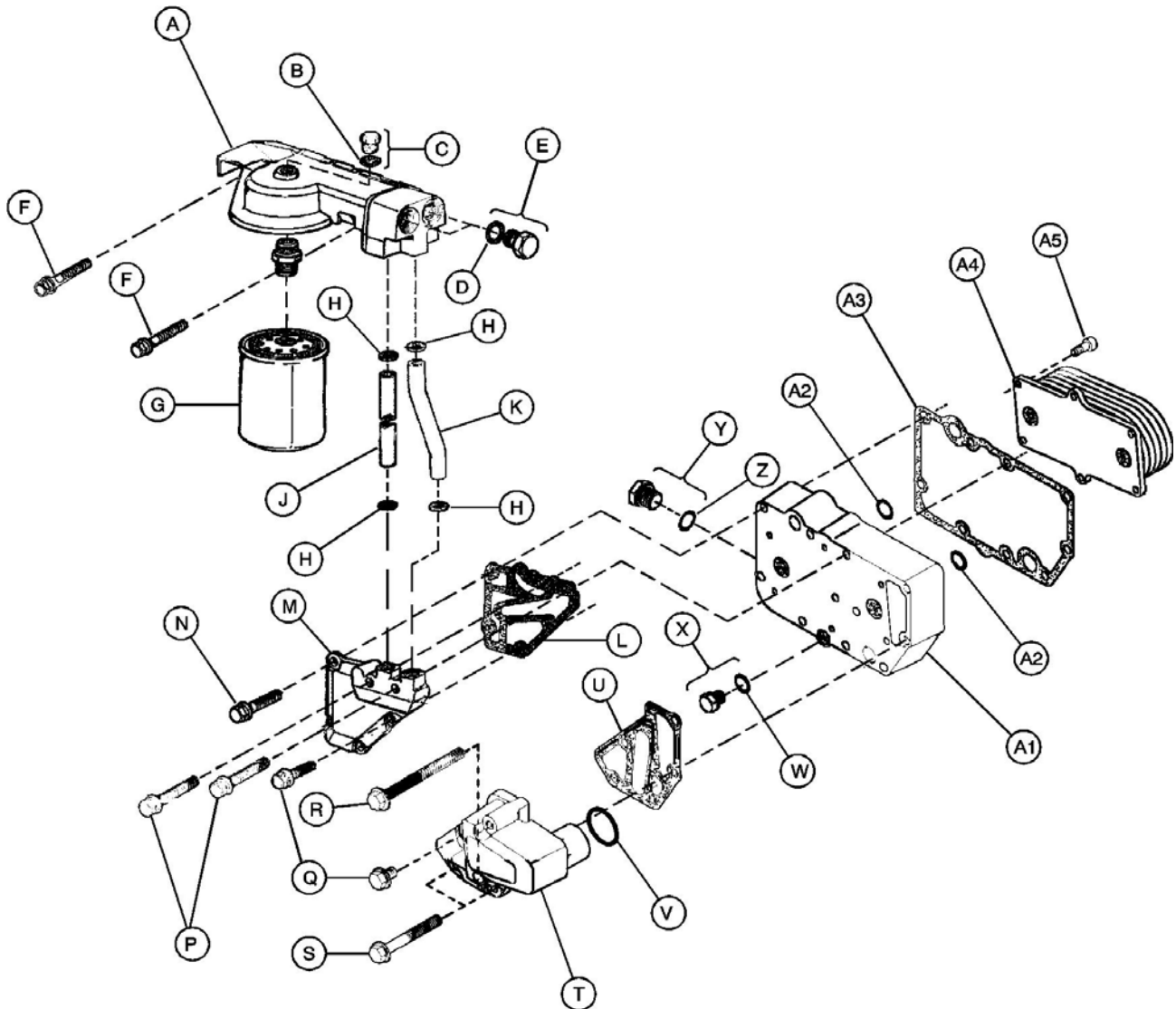
FUEL FILTER and FUEL PUMP (cont'd)



22666101_M19_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	36116242	ADAPTER w/ O-RING	2	
M	24899882	LINE, FUEL PUMP TO FUEL FILTER	1	
N	36118271	PUMP, FUELTRANSFER	1	
P	24899239	FITTING, BARBED HOSE	1	
Q	24899254	O-RING, FUELPUMP	2	
R	36108371	ROD, PUSH	1	
S	24899247	FITTING, FLEX OUTLET	1	
T	36106102	O-RING, FUEL TRANSFER PUMP	1	
U	24899536	SCREW, HEX FLANGE M08-1.25 X 30	2	

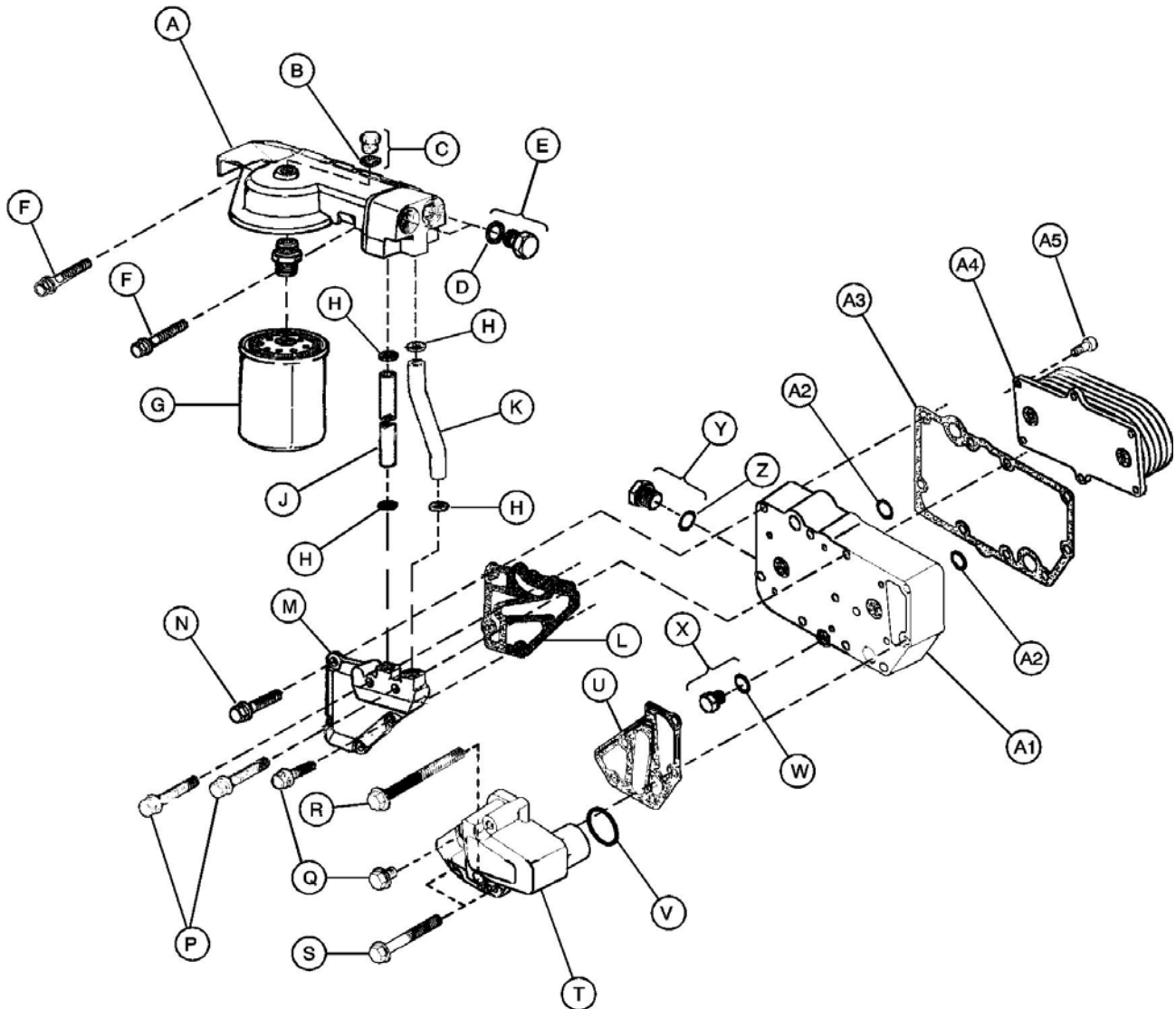
OIL FILTER and COOLER



22666101_M20_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899551	HEAD, OIL FILTER	1	
B	85470615	O-RING	1	
C	85471811	PLUG w/O-RING, DRAIN	1	
D	85470649	O-RING, 19.30 X 2.20mm	2	
E	36114106	PLUG, w/GASKET	2	
F	24898900	SCREW, HEX FLANGE M10-1.50 X 35	2	
G	22206148	ELEMENT, OIL FILTER	1	
H	85472611	O-RING, 18.64 X 3.513mm	4	
J	24899627	TUBE, OIL FILTER TO COOLER	1	
K	24899635	TUBE, COOLER TO OIL FILTER	1	
L	24899320	GASKET, ADAPTER TO OIL COOLER	1	
M	85472405	ADAPTER, OIL COOLER	1	
N	85470375	SCREW, HEX FLANGE M08-1.25 X 65	3	
P	85470433	SCREW, HEX FLANGE M08-1.25 X 90	2	
Q	36118149	SCREW, HEX FLANGE M08-1.25 X 20	2	

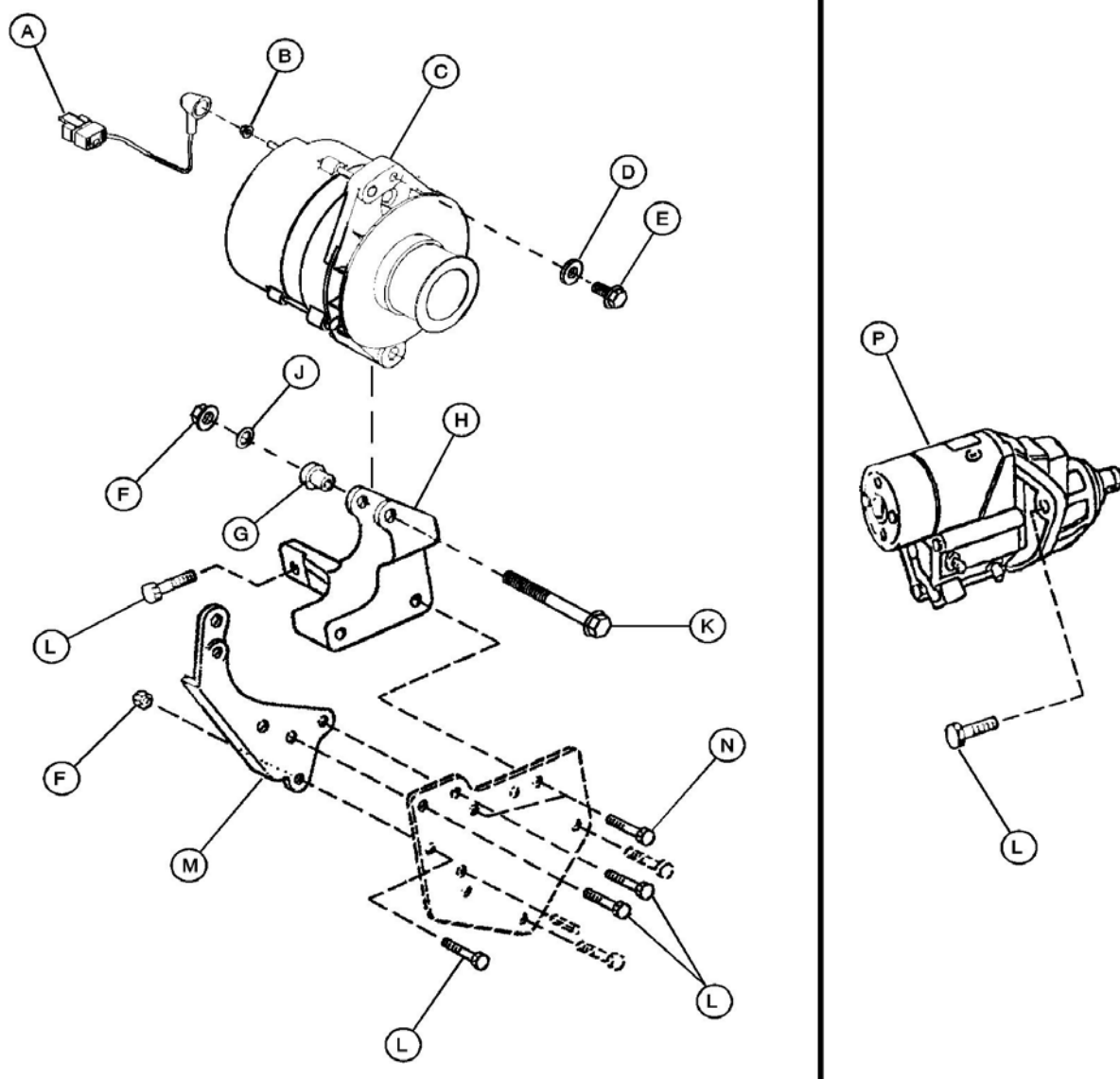
OIL FILTER and COOLER (cont'd)



22666101_M20_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	85470466	SCREW, HEX FLANGE M08-1.25 X 100	2	
S	85470375	SCREW, HEX FLANGE M08-1.25 X 65	2	
T	24899312	ADAPTER, COOLANT PASSAGE	1	
U	85471597	GASKET, OIL COOLER ADAPTER	1	
V	24899429	O-RING	2	
W	85470623	O-RING, 15.3 X 2.20 mm	1	
X	36114098	PLUG w/O-RING	1	
Y	36114080	PLUG, M18-2.5 X 1.5 w/O-RING	1	
Z	36126019	O-RING, 9.3 X 2.2 mm	1	
A1	36106516	HOUSING, OIL COOLER	1	
A2	36118693	O-RING, OIL COOLER HOUSING	2	
A3	36106607	GASKET, OIL CLR HOUSING	1	
A4	36115699	COOLER, OIL	1	
A5	36118131	SCREW, M06-1.0 X 16	6	

ALTERNATOR & STARTER



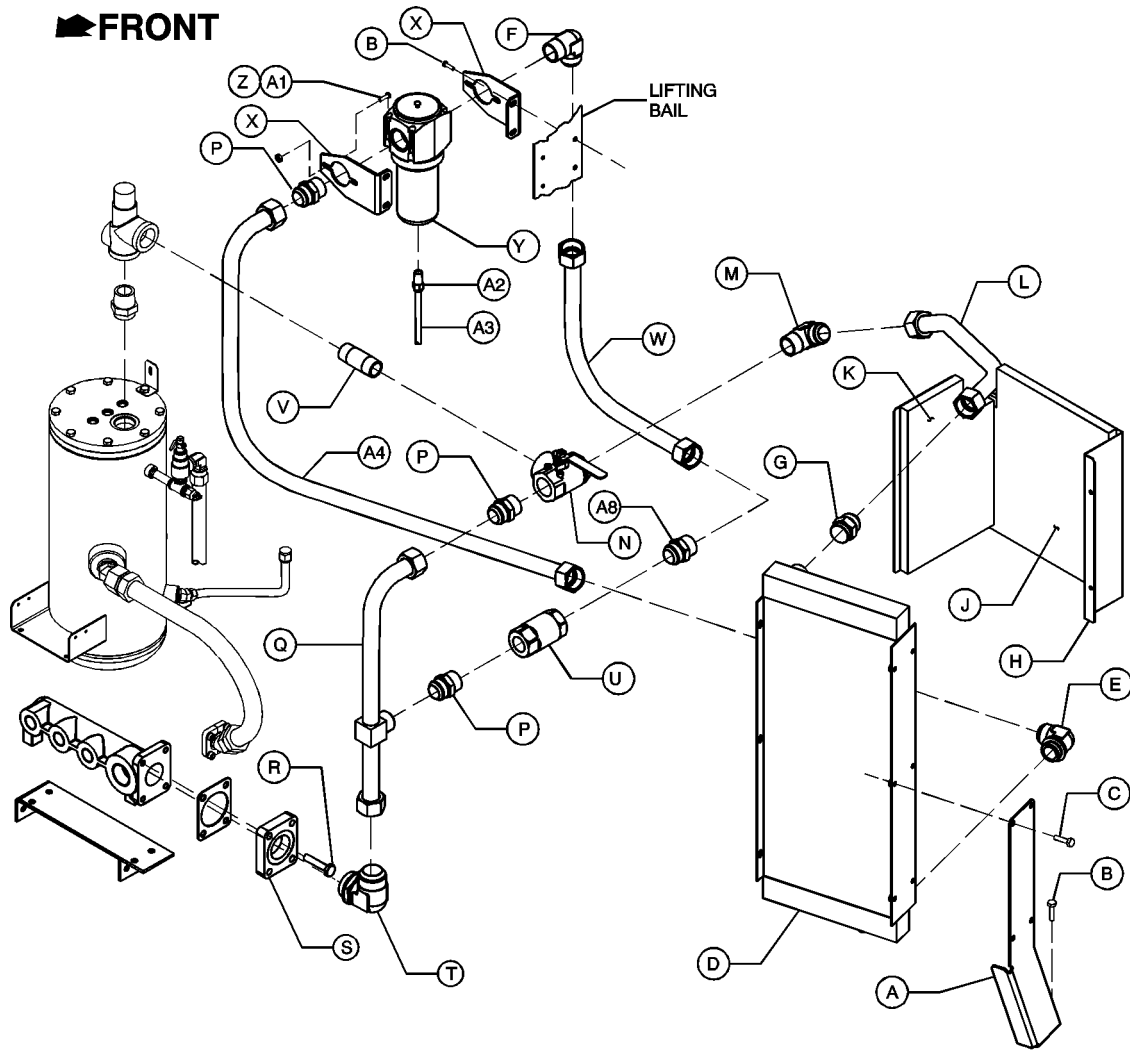
22666101_M21_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899577	HARNESS, ALTERNATOR WIRING	1	
B	85471050	NUT, HEX FLANGE M05-0.8	1	
C	22206221	ALTERNATOR, 24V	1	
D	36920114	WASHER, FLAT M08	1	
E	85470417	SCREW, HEX FLANGE M08-1.25 X 25	1	
F	36100188	NUT, FLANGE M10-1.5	5	
G	36103232	BUSHING, ALTERNATOR PIVOT	1	
H	36108066	BRACKET, ALTERNATOR MOUNTING	1	
J	36110112	WASHER, THRUST M10	1	
K	24898884	SCREW, HEX FLANGE M10-1.5 X 100	1	
L	24898843	SCREW, HEX FLANGE M10-1.50 X 30	8	
M	36108074	STRAP, ALTERNATOR ADJUST	1	
N	85470185	SCREW, HEX FLANGE M10-1.50 X 25	2	
P	22206213	STARTER, 24V	1	

Section D - OPTION PARTS



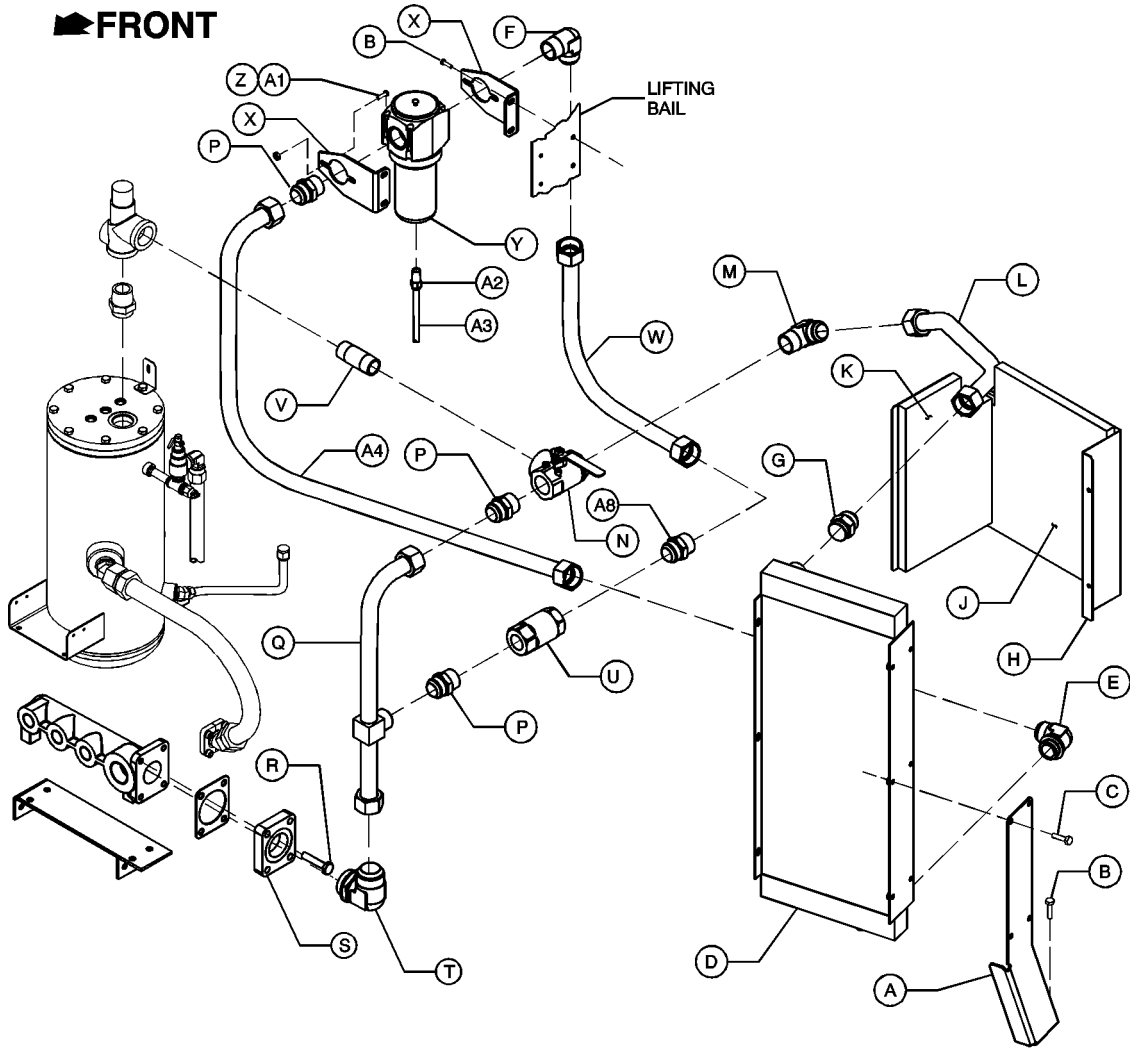
AFTERCOOLER with WATER SEPARATOR



22666101_OP02_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54761622	BRACKET, AFTERCOOLER MTG.	1	
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, 1.88-12 X -12JIC	1	
F	95949749	ELBOW, 1.5NPT	1	
G	35296409	CONNECTOR, 1.88-12	1	
H	22070908	BAFFLE, FRONT AFTERCOOLER	1	
J	22074504	PANEL, ACTL INTERIOR BAFFLE	1	
K	22074488	PANEL, ACTL INTERIOR BAFFLE	1	
L	54759691	TUBE, SEPT TK / AFCLR	1	
M	95279477	ELBOW, 1.5 NPT X -24 JIC	1	
N	22258339	VALVE, 3-WAY 1.5 NPT	1	
P	95208682	ADAPTER, 1.5 NPT TO -24	3	
Q	54671135	TUBE, SEPT TK / SVC PIPE	1	
R	96701487	SCREW, HEX M10-1.50 X 30	4	

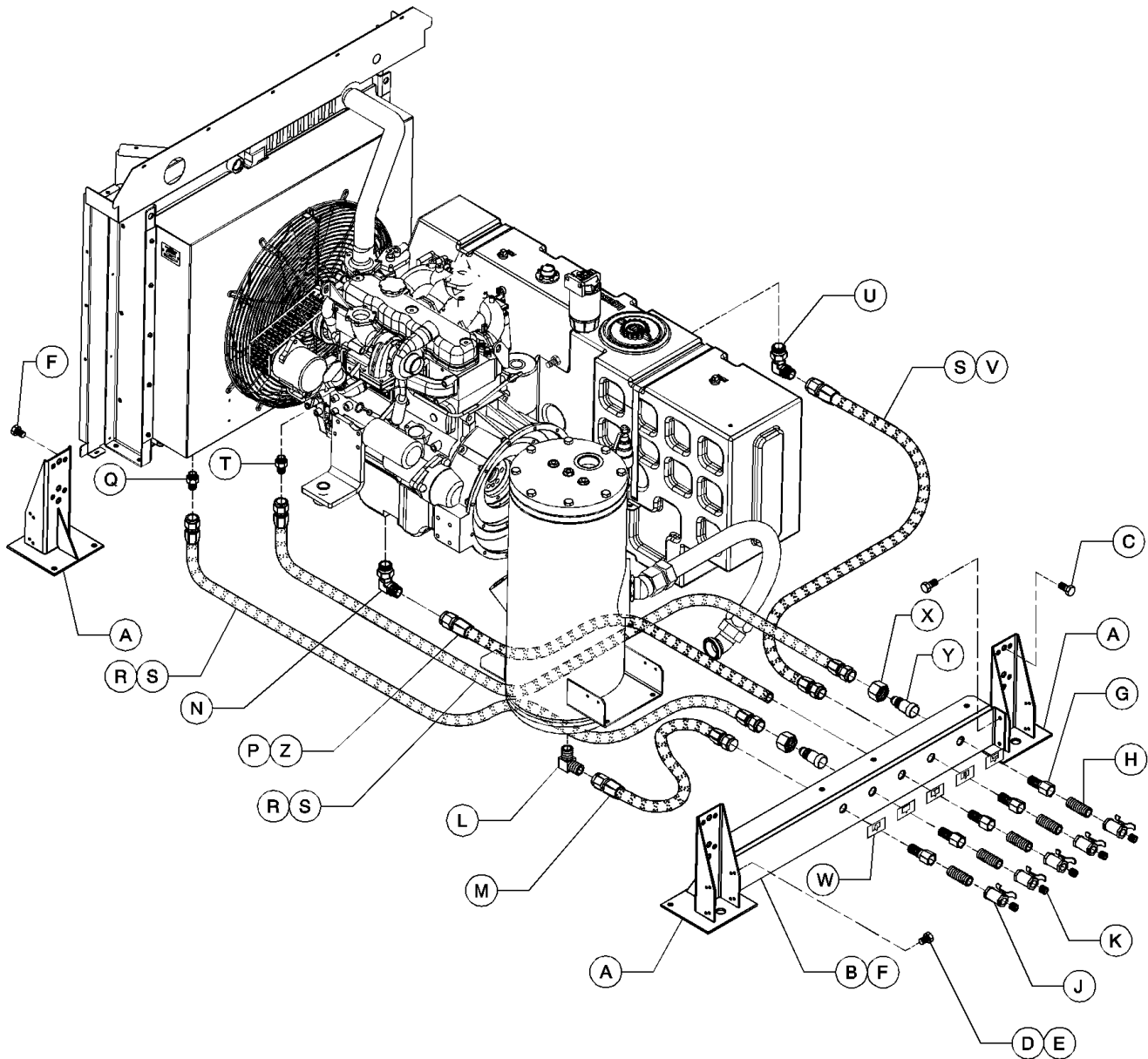
AFTERCOOLER with WATER SEPARATOR



22666101_OP02_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S	54694815	COVER, MANIFOLD	1	
T	22321129	ELBOW, 1.88-12 X -24JIC	1	
U	36786820	VALVE, CHECK 1.50 NPT	1	
V	95487773	NIPPLE, CLOSED 1.5 X 1.75	1	
W	35130855	HOSE, -24JIC X 52.0	1	
X	36882884	BRACKET, FILTER MOUNTING.	2	
Y	36882728	SEPARATOR, WATER 1.50NPT	1	
Z	35271162	SCREW, HEX FLANGE 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"	37"	
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, 1.5NPT TO 1.50JIC	1	

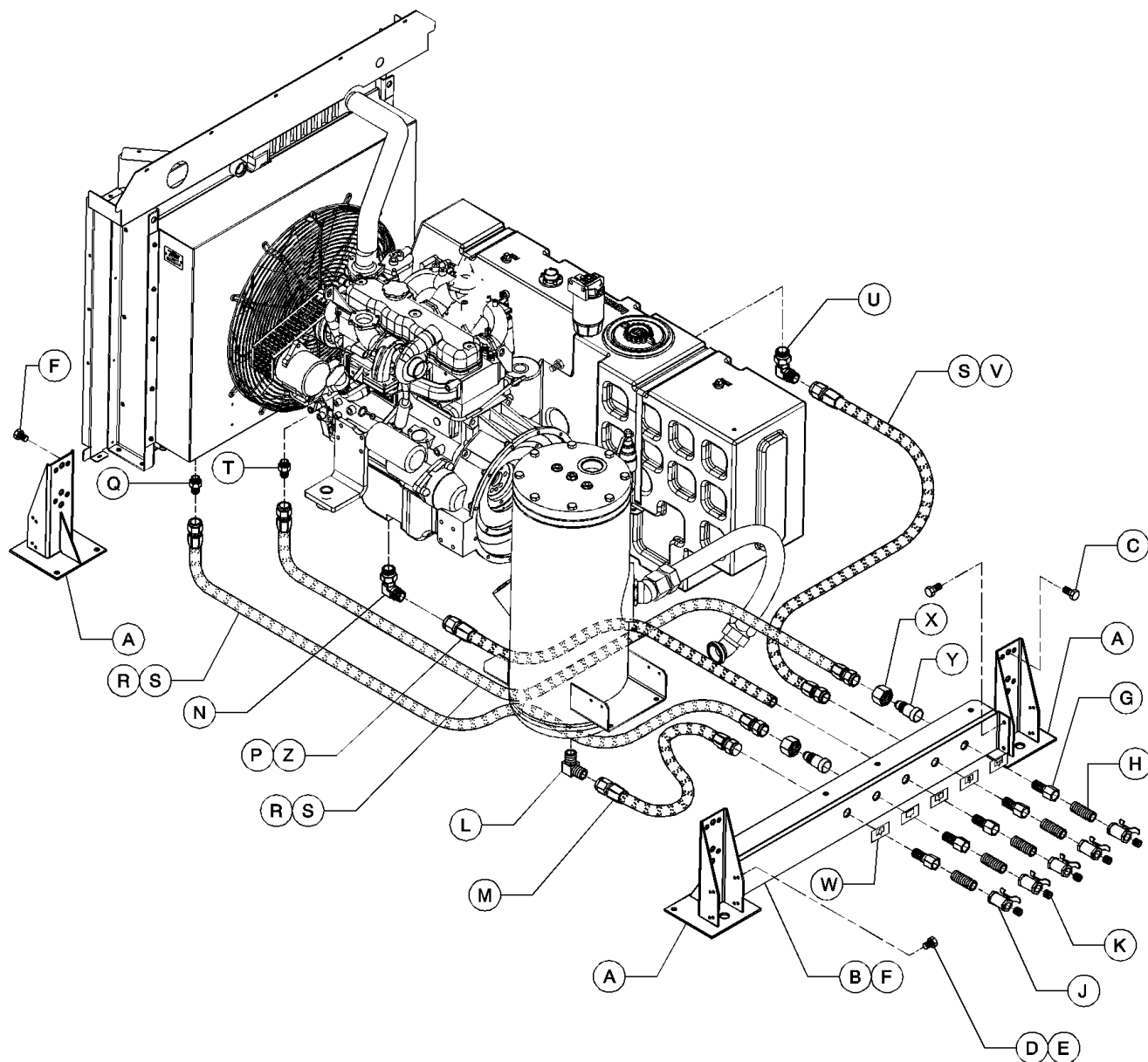
DRAINS, CENTRAL



22666101_OP05_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36882355	SUPPORT, REAR	4	
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	36881886	NUT, HEX FLANGE M12-1.75	4	
F	36888055	SCREW, HEX FLANGE M12-1.75 X 30	8	
G	35287747	BULKHEAD FITTING	5	
H	95928040	NIPPLE, CLOSE	5	
J	36777399	VALVE, BALL 3/4"	5	
K	95947149	PLUG, HEX COUNTERSINK 3/4NPT	5	
L	36885093	ELBOW, -12JIC 0-RING	1	
M	35323799	HOSE, -12JIC X 27"	1	

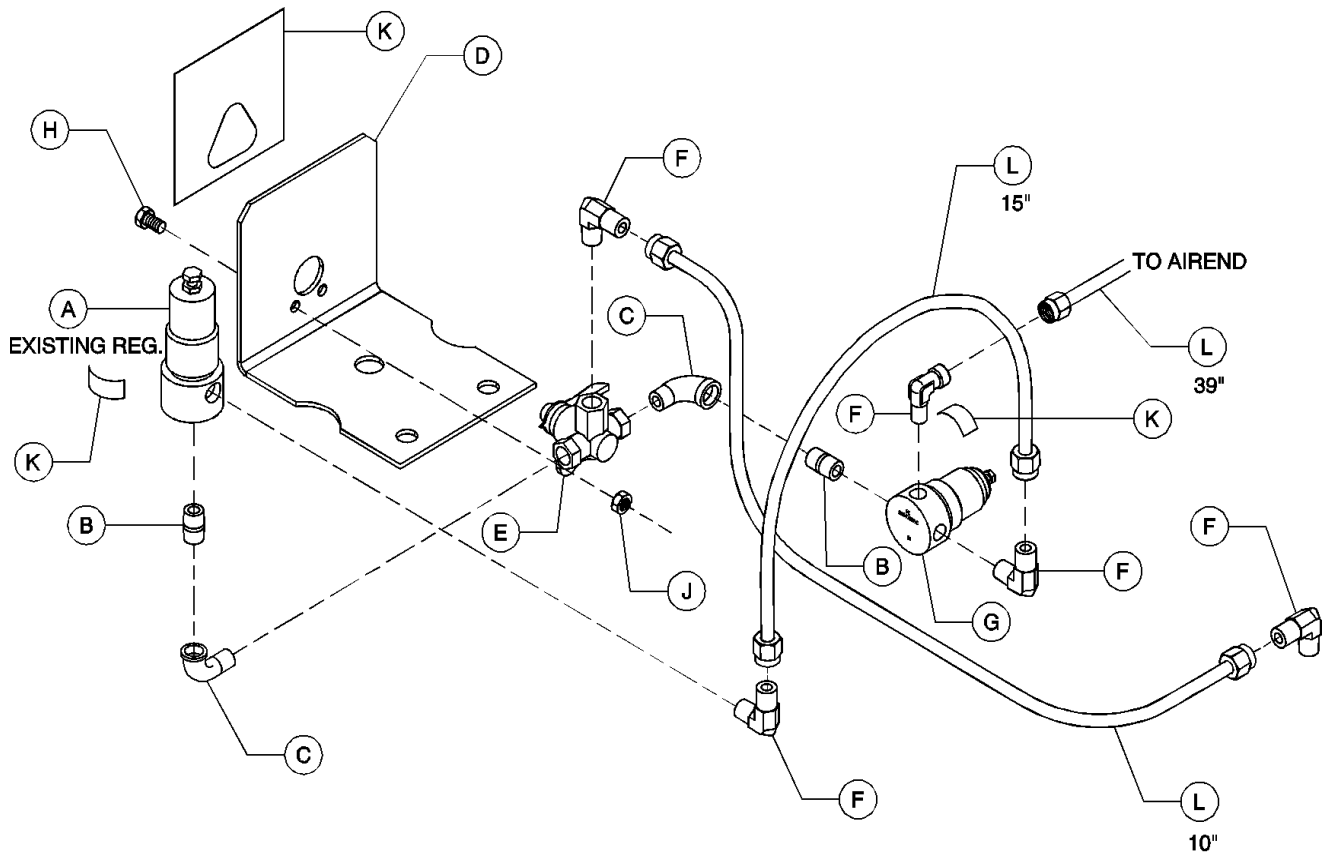
DRAINS, CENTRAL (cont'd)



22666101_OP05_07/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36883395	ELBOW, M18-1.5	1	
P	35290378	HOSE ASSEMBLY, -12 X 68"	1	
Q	35287895	CONNECTOR, 9/16-18 TO -8JIC	1	
R	35305481	HOSE ASSEMBLY, -8 JIC X 88"	2	
S	35119379	CLAMP, 1/2" RUBBER SUPPORT	10	
T	35283134	CONNECTOR, 1/4NPT TO -8JIC	1	
U	35294750	ELBOW, 1.06SAE TO -12JIC	1	
V	35376110	HOSE ASSEMBLY, 12 JIC X 54"	1	
W	54629977	DECAL, CENTRAL DRAINS	1	
X	35324987	NUT, -12 JIC	2	
Y	35365774	REDUCER, -12 JIC TO -8 JIC	2	
Z	95220844	CLAMP, HOSE	1	

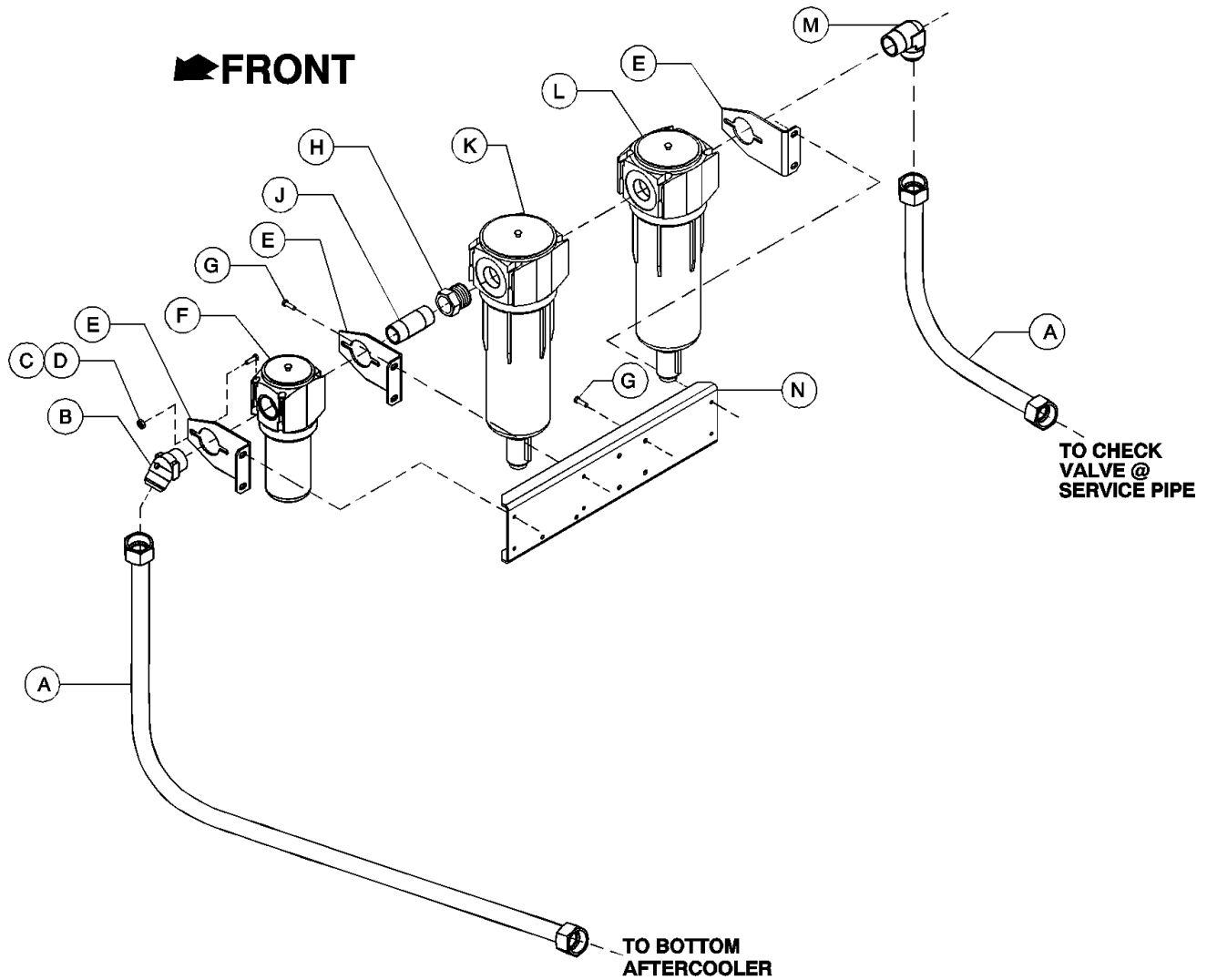
DUAL PRESSURE REGULATION



22666101_OP09_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36896892	VALVE, PRESS REG 200PSI	1	Low Pressure
B	95667341	NIPPLE, CLOSED 1/4 NPT X .88	2	
C	95944666	ELBOW, STREET 1/4 NPT	2	
D	36888881	BRACKET, DUAL REGULATION	1	
E	36864684	VALVE, 3-WAY	1	
F	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	5	
G	36847952	VALVE, PRESSURE REGULATOR	1	
H	36769024	SCREW, HEX M06-1.0 X 20	2	
J	96703806	NUT, HEX M06-1.0	2	
K	54773791	DECAL, DUAL REGULATION	1	
L	35356484	TUBE, 3/8" OD	~	See Lengths Above
	35387919	KIT, LOW PRESSURE REGULATOR REPAIR	AR	

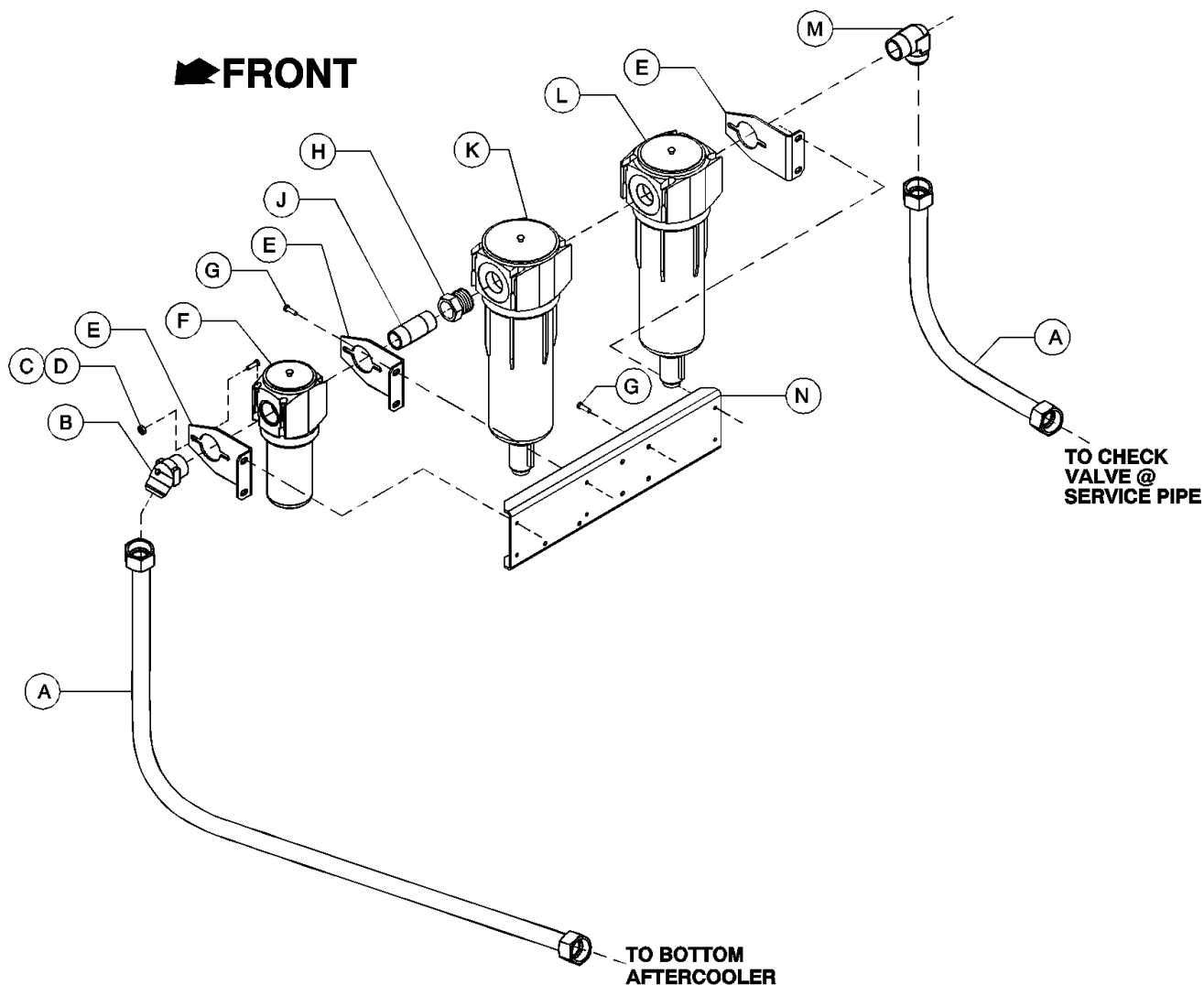
FILTERS, DUAL IQ



22666101_OP10_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35130855	HOSE, -24 X 52"	2	
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 1.50NPT	1	
G	35279025	SCREW, TAPPING M08-1.25 X 20	10	
H	35296409	CONNECTOR, 1.88-12 X -24	1	
J	95928032	NIPPLE, CLOSE 1.50 NPT	1	
K	36882983	FILTER, 1st STAGE	1	
L	36882991	FILTER, 2nd STAGE	1	
M	39495148	ELBOW, 1.5 NPT X -24 JIC	1	
N	54761630	BRACKET, FILTER MOUNTING	1	

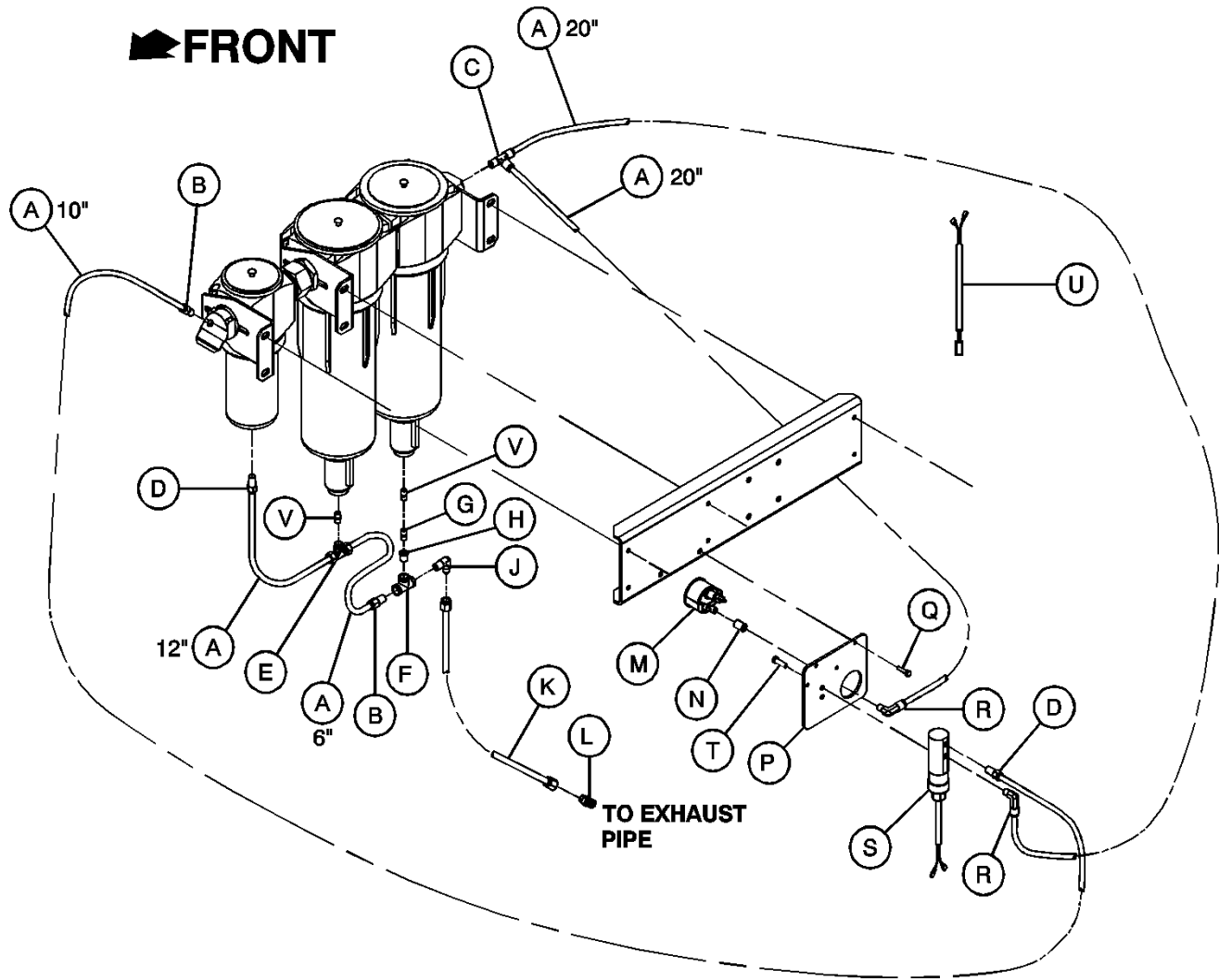
FILTERS, DUAL IQ (cont'd)



22666101_OP10_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36883049	CAP, FILTER HSG. 1st STAGE	AR	1 ST STAGE FILTER
	36883015	ELEMENT, 1st STAGE	AR	1 ST STAGE FILTER
	36883080	KIT, WEDGE BOLT	AR	1 ST STAGE FILTER
	35378264	KIT, SIGHT GLASS	AR	1 ST & 2 ND STAGE FILTER
	36883106	KIT, AIR FILTER MAINT.	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 HSG. 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, FILTER DRAIN	AR	ALL FILTERS

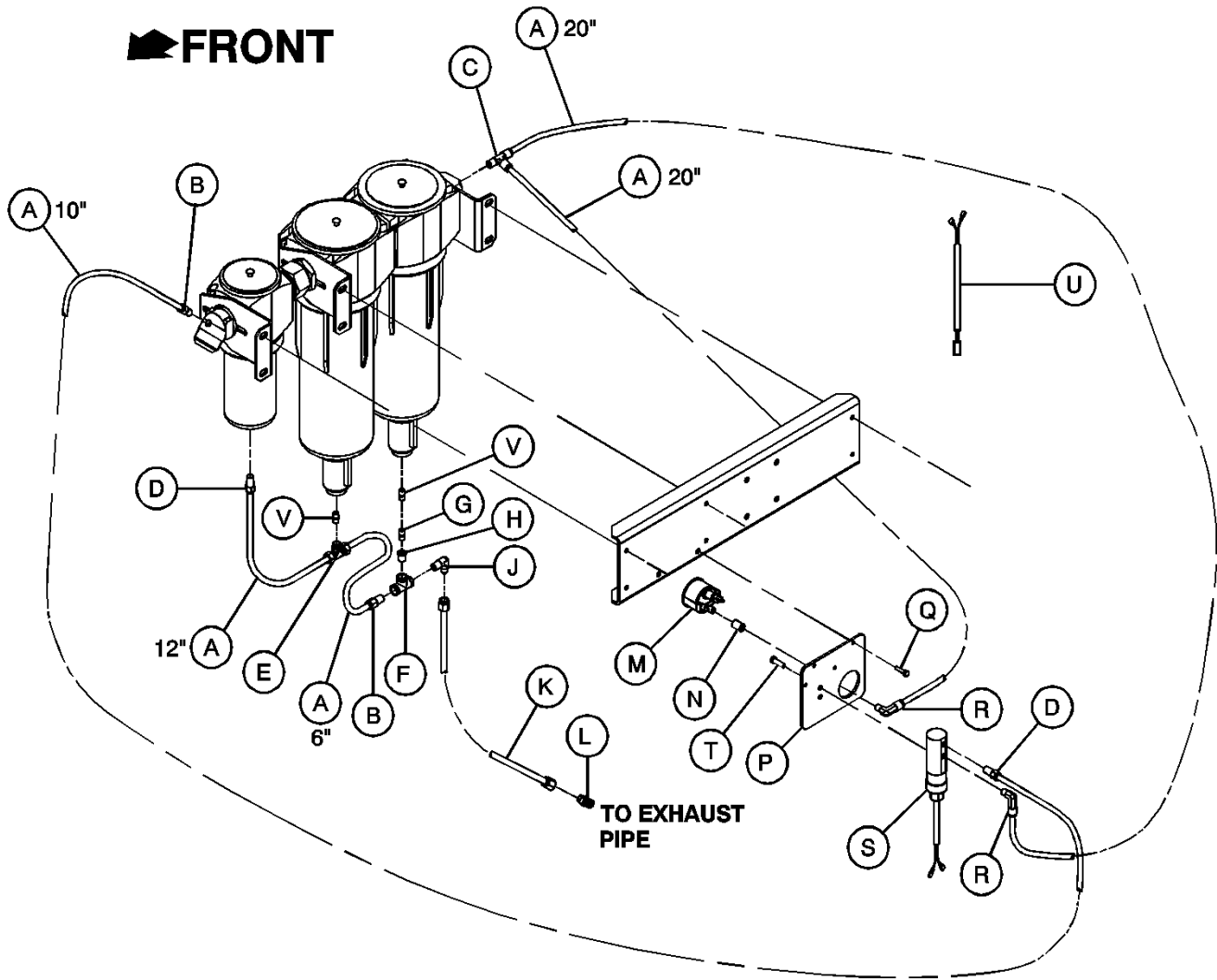
DIFFERENTIAL PRESSURE IQ DUAL FILTERS



22666101_OP11_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356484	TUBING, 3/8	~	See Lengths Above
B	35369347	CONNECTOR, 1/4 NPT 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 1/8 NPT X 3/8 TUBE	1	
F	95954194	TEE, 1/4 NPT	1	
G	95953493	NIPPLE, CLOSE 1/8 NPT X .75	1	
H	95930301	BUSHING, REDUCING 1/4 X 1/8 NPT	1	
J	35283464	ELBOW, 1/4 NPT X -4 JIC	1	
K	35306661	HOSE ASSEMBLY, -4 JIC	1	

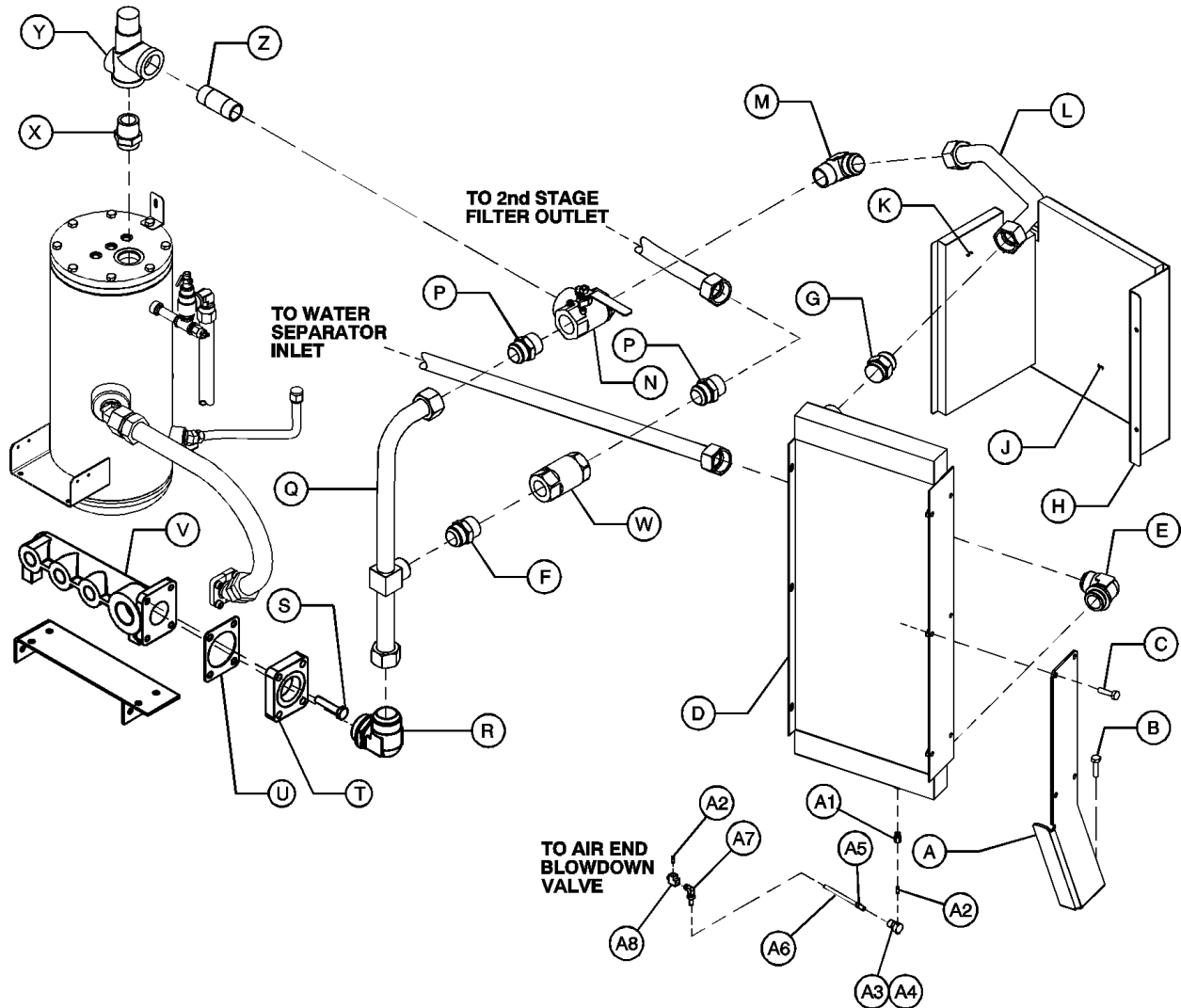
DIFFERENTIAL PRESSURE IQ DUAL FILTERS (cont'd)



22666101_OP11_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	35283472	CONNECTOR, 1/4 NPT X -4JIC	1	
M	36891216	GAUGE, PRESSURE 250 PSI	1	
N	95038634	COUPLING, 1/8 NPT	1	
P	54762125	PLATE, GAUGE	1	
Q	36797652	SCREW, TAPPING M06-1.0 X 12	2	
R	35370386	ELBOW, MALE 1/4 NPT X 3/8 TUBE	2	
S	36899615	INDICATOR, DIFFERENTIAL PRESSURE	1	
T	95934774	SCREW, HEX 1/4-20 X .50	2	
U	22293484	HARNESS, 1Q OPTION	1	

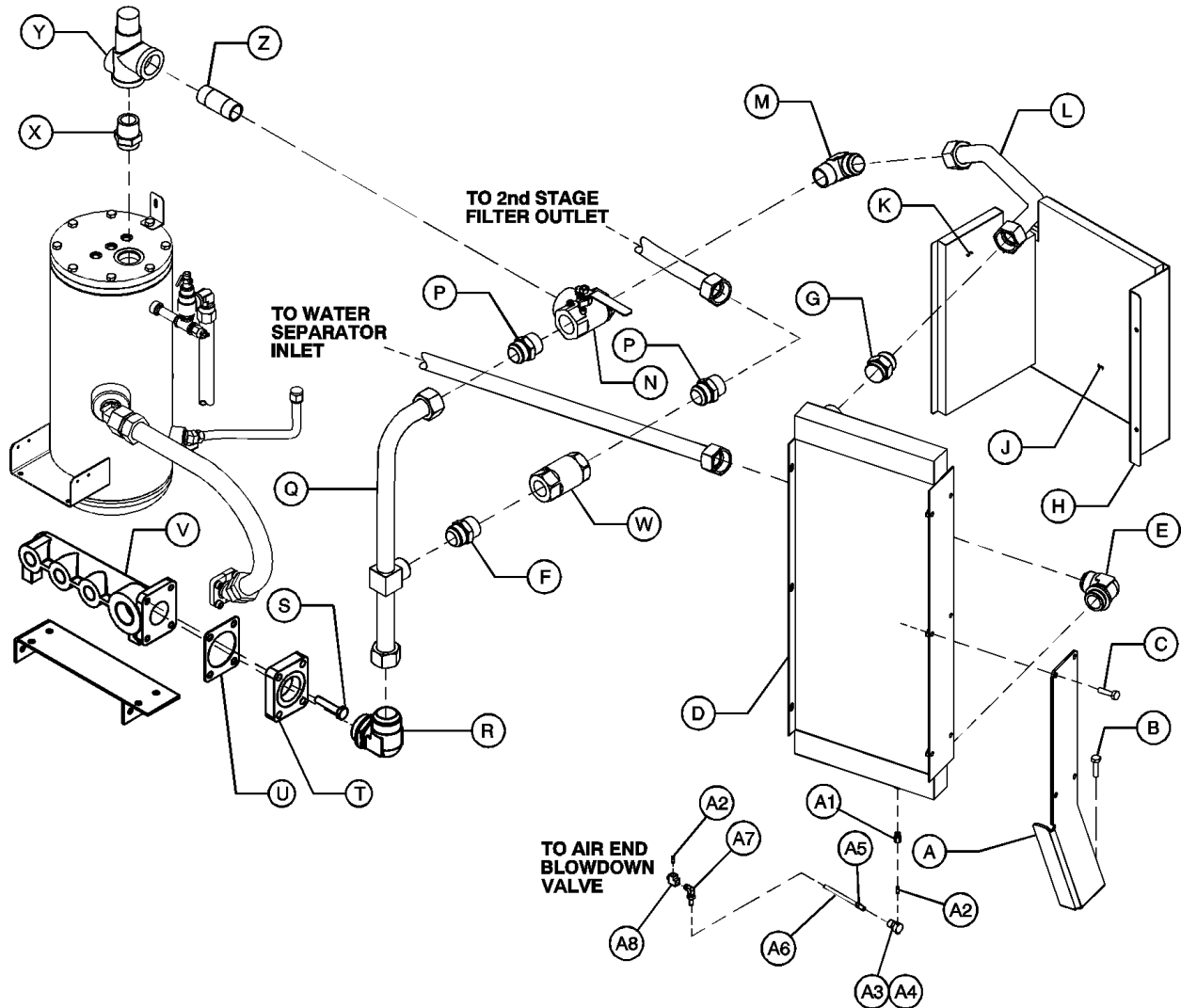
AFTERCOOLER IQ DUAL FILTERS



22666101_OP12_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54761622	BRACKET, AFTERCOOLER MTG.	1	
B	35279025	SCREW, TAPPING M08-1.25 X 20	4	
C	96702279	SCREW, HEX M10-1.5 X 20	4	
D	54660162	AFTERCOOLER	1	
E	95431292	ELBOW, 1.88-12 X -12 JIC	1	
F	95208682	ADAPTER, 1.5NPT TO -24	3	
G	35296409	CONNECTOR, 1.88-12	1	
H	22070908	BAFFLE, FRONT AFTERCOOLER	1	
J	22074504	PANEL, ACTL INTERIOR BAFFLE	1	
K	22074488	PANEL, ACTL INTERIOR BAFFLE	1	
L	54759691	TUBE, SEPT TK / AFCLR	1	
M	95279477	ELBOW, 1.5 NPT X -24 JIC	2	
N	22258339	VALVE, 3-WAY 1.5NPT	1	
P	95208682	ADAPTER, 1.5NPT TO 1.50JIC	2	
Q	54671135	TUBE, SEPT TK / SVC PIPE	1	
R	35209048	CLAMP, SADDLE 2.50	1	

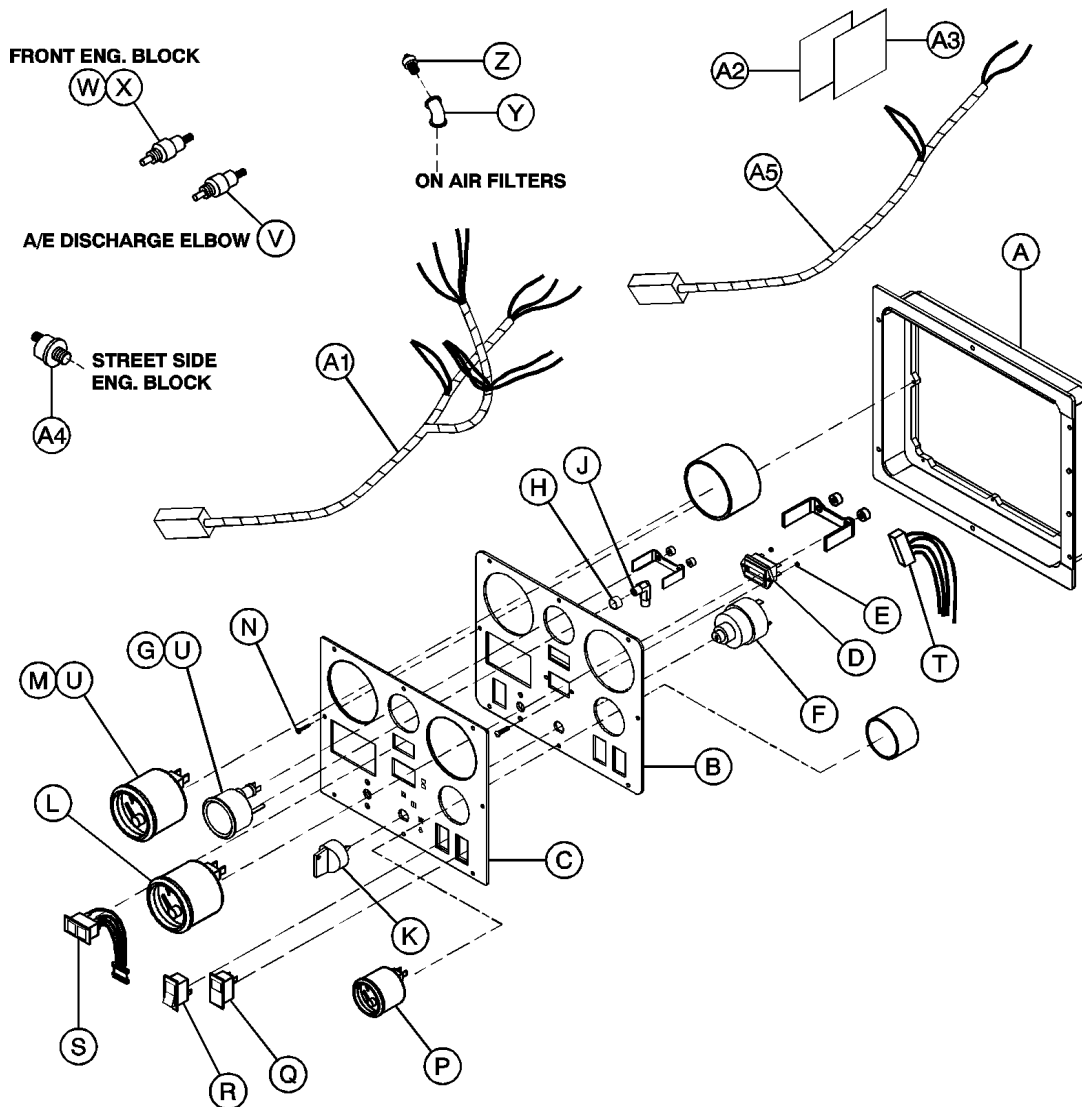
AFTERCOOLER IQ DUAL FILTERS (cont'd)



22666101_OP12_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S	96701487	SCREW, HEX M10-1.50 X 30	4	
T	54694815	COVER, MANIFOLD	1	
U	35294628	GASKET, MANIFOLD COVER	1	
V	36710036	MANIFOLD, SERVICE	1	
W	36786820	VALVE, CHECK 1.50NPT	1	
X	36881068	ADAPTER, 1.5NPT X 1.75	1	
Y	36789550	VALVE, MINIMUM PRESSURE	1	
Z	95487773	NIPPLE, CLOSED 1.5 X 1.75	1	
A1	35293687	ADAPTER, 9/16-18 X 1/4 NPT O-RING	1	
A2	95944575	NIPPLE, CLOSE 1/4 NPT X .88	1	
A3	35322379	VALVE, BLOWDOWN	1	
A4	36766756	ORIFICE, MUFFLER .140	1	
A5	35369347	CONNECTOR, MALE 1/4NPT X 3/8 TUBE	1	
A6	35356484	TUBING, 3/8	50"	
A7	35369354	ELBOW, 1/4NPT X 3/8 TUBE	1	
A8	35114545	TEE, STREET 1/4 NPT	1	

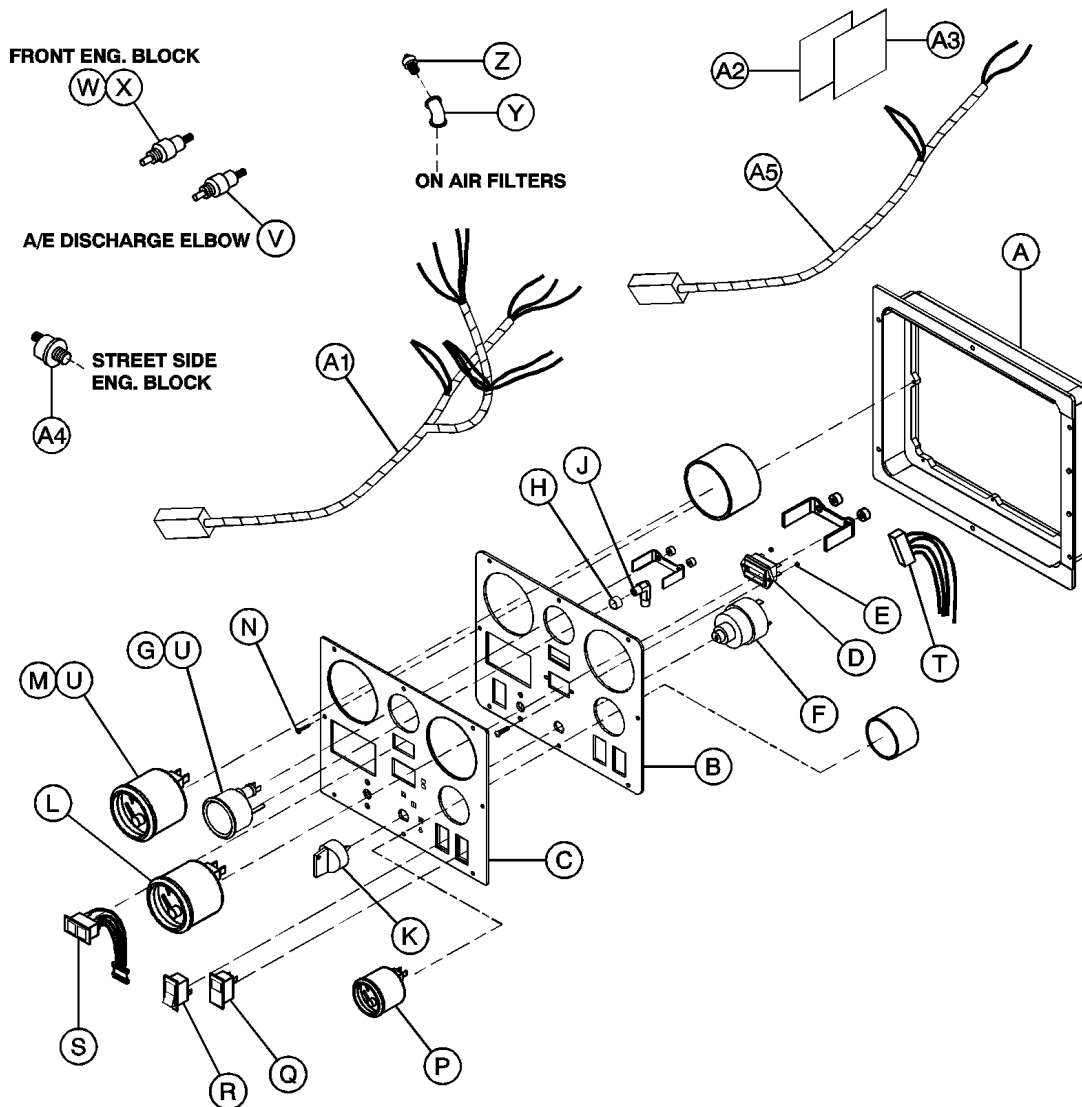
FULL GAUGE PANEL



22666101_OP13_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, INSTRUMENT PANEL	1	
B	22171680	PANEL, INSTRUMENT	1	
C	22171698	DECAL, WW INSTRUMENT PANEL	1	
D	22054175	METER, ELECTRO/MECH HOUR	1	
E	22054159	NUT, PLASTIC #4-40	2	
F	22127385	SWITCH, IGNITION	1	
G	36891216	GAUGE, 250 PSI PRESSURE	1	
H	95935599	COUPLING, STD 1/8 NPT X 3/4"	1	
J	35370389	ELBOW, 1/8 NPT X 3/8 TUBE	1	
K	22134118	KNOB, NON-REMOVABLE IGNITION	1	
L	22255046	GAUGE, 4-IN-1	1	
M	22055883	TACHOMETER	1	
N	22070494	SCREW, PLASTIC TAPPING	8	
P	22050991	GAUGE, FUEL LEVEL	1	
Q	22050553	LIGHT, WARNING	1	

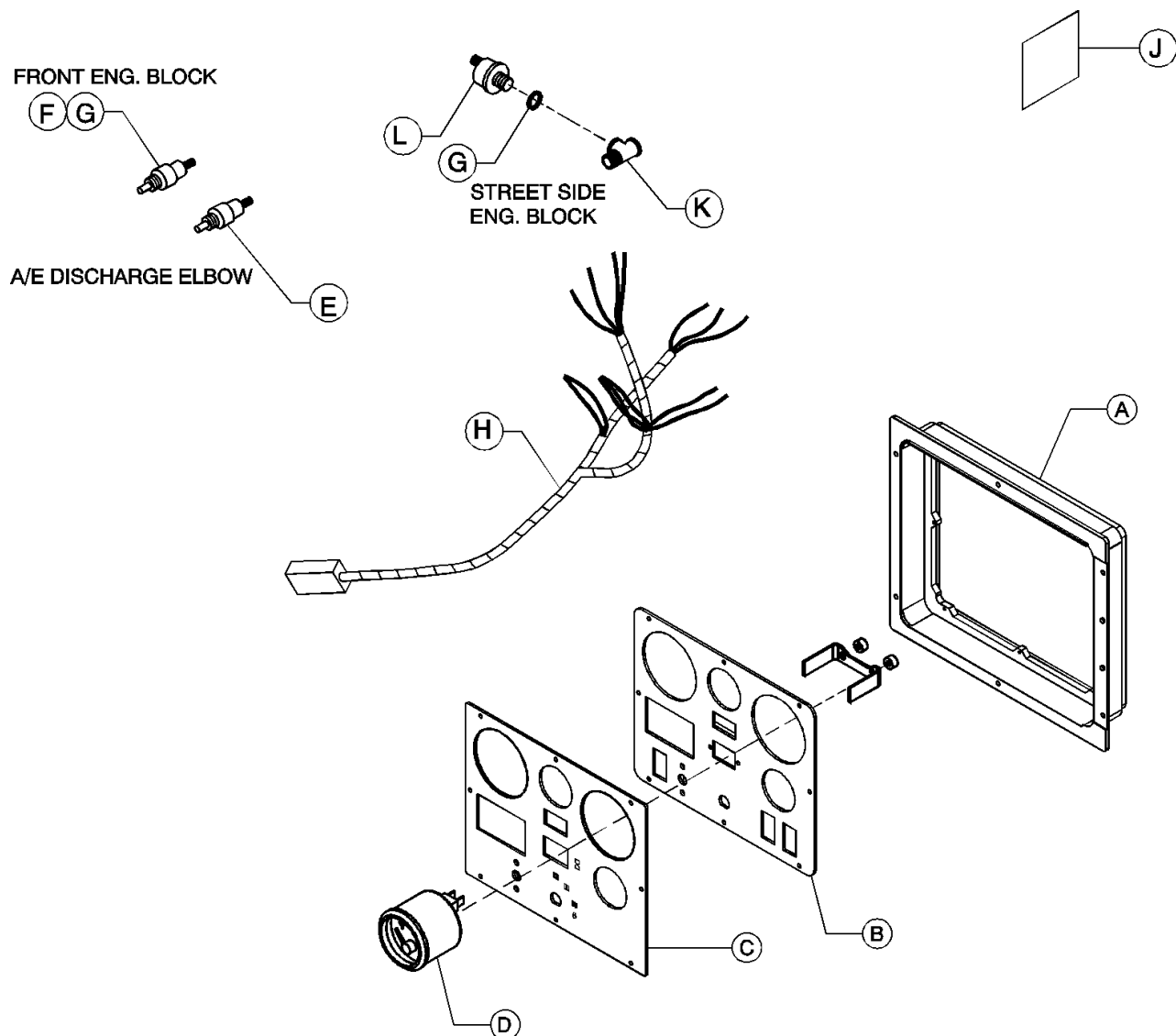
FULL GAUGE PANEL



22666101_OP13_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	22054076	SWITCH, ROCKER	1	
S	22172423	MODULE, 2 LIGHT WARNING	1	
T	22205223	HARNESS, PANEL WIRING	1	
U	22137426	LAMP, 28 V	2	
V	54593843	SENDER, DISCHARGE TEMPERATURE	1	
W	35372457	SENDER, ENGINE TEMPERATURE	1	
X	35278571	O-RING	1	
Y	95956199	ELBOW, STREET 1/8 NPT X 45	2	
Z	36847838	SWITCH, VACUUM	2	
A1	22251896	HARNESS, OPTION	1	
A2	22530748	LAMINATE, OPTION WIRING DIAGRAM	1	
A3	22530797	LAMINATE, AFRI OPTION WIRING DIAGRAM	1	
A4	36870608	SENDER, OIL PRESSURE	1	
A5	22251904	HARNESS, AIR FILTER RESTRICTION	1	

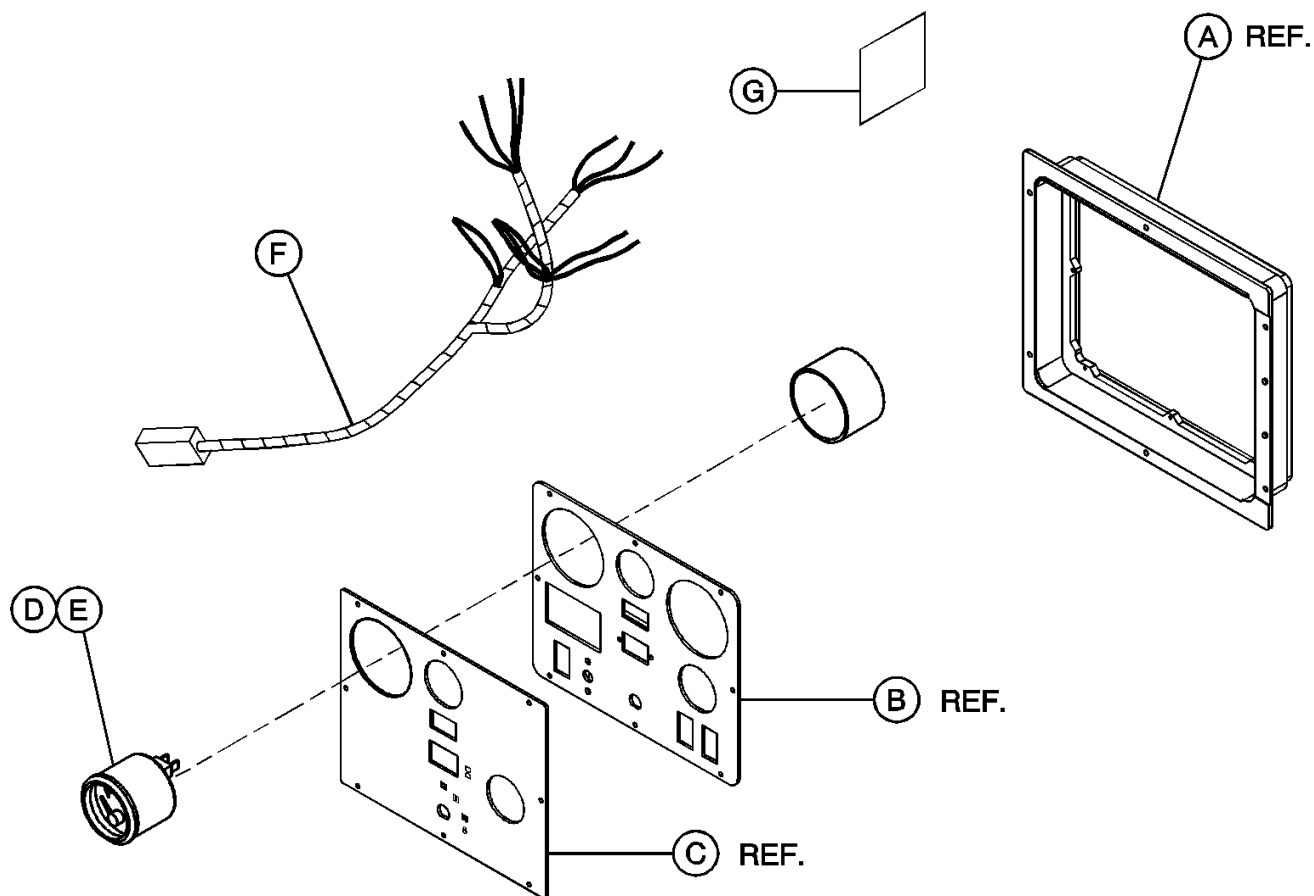
GAUGE, 4-in-1



22666101_OP14_07/05_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	22255046	GAUGE, 4-IN-1	1	
E	35372457	SENDER, ENGINE TEMPERATURE	1	
F	54593843	SENDER, DISCHARGE TEMPERATURE	1	
G	35278571	O-RING	1	
H	22251896	HARNESS, OPTION WIRING DIAGRAM	1	
J	22530748	LAMINATE, OPT WIRING	1	
K	39127287	TEE, 1/8 STREET	1	
L	36870608	SENDER, OIL PRESSURE	1	

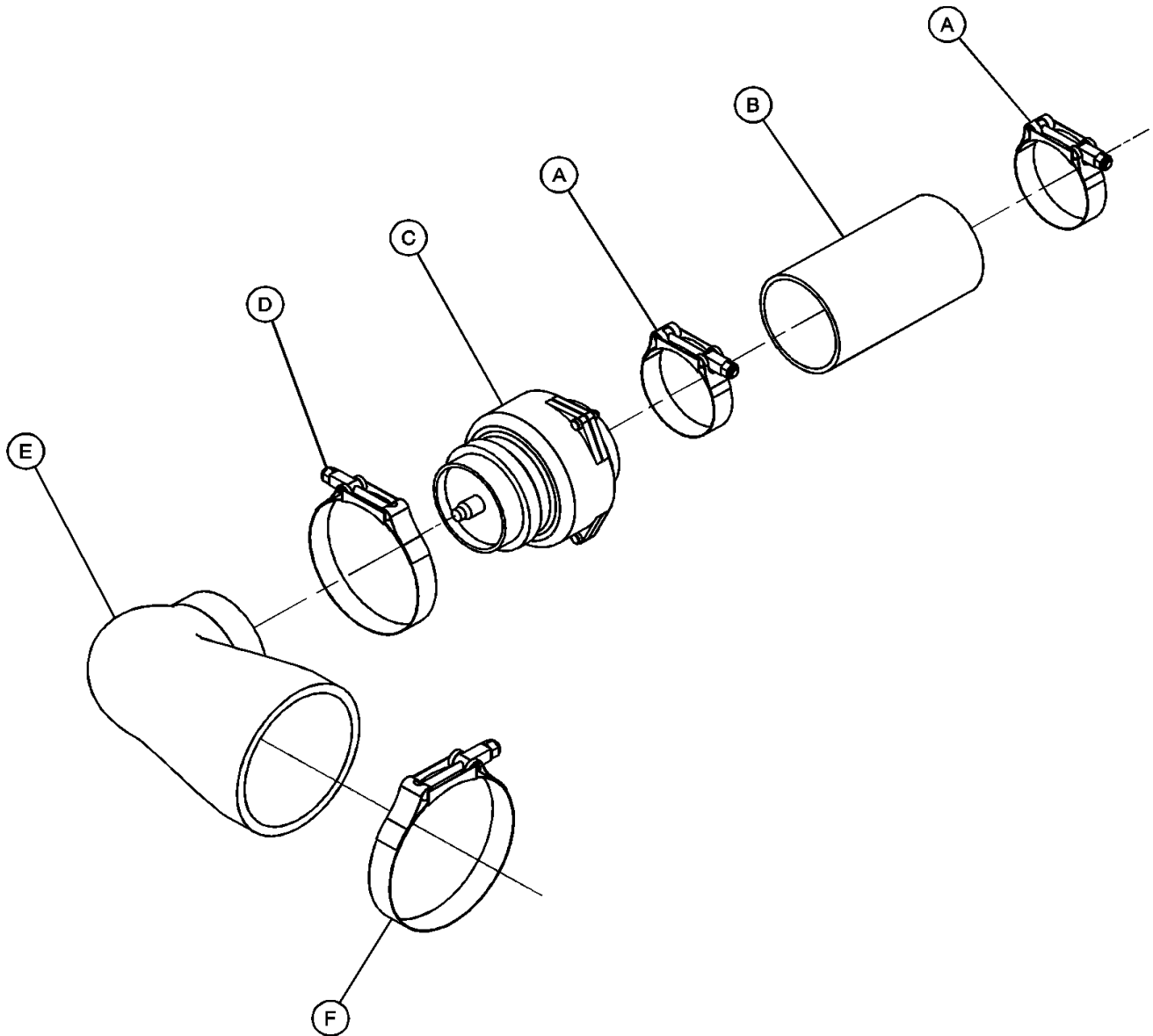
TACHOMETER



22666101_OP13_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, INSTRUMENT PANEL	1	
B	22171680	PANEL, INSTRUMENT	1	
C	22171698	DECAL, WW INSTRUMENT PANEL	1	
D	22055883	TACHOMETER	1	
E	22137426	LAMP, 28 V	1	
F	22261465	HARNESS, TACH OPTION	1	
G	22351217	LAMINATE, TACH OPTION WIRING DIAGRAM	1	

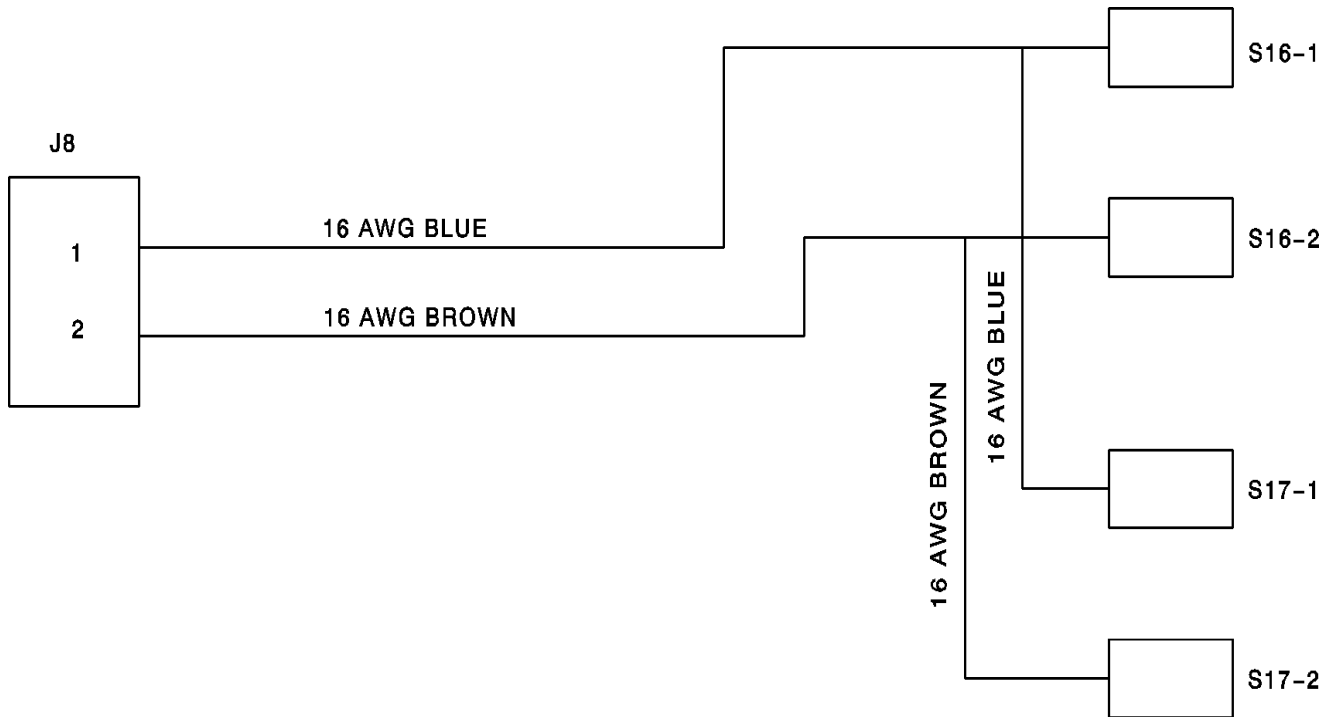
OVERSPEED VALVE



22666101_OP17_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35295781	CLAMP, T 3.25"	2	
B	22191217	HOSE, TURBOCHARGER	1	
C	22191332	VALVE, OVERSPEED	1	
D	35374073	CLAMP, T 3.62"	1	
E	22190441	HOSE, AIR INTAKE	1	
F	22067714	CLAMP, T 5.31"		

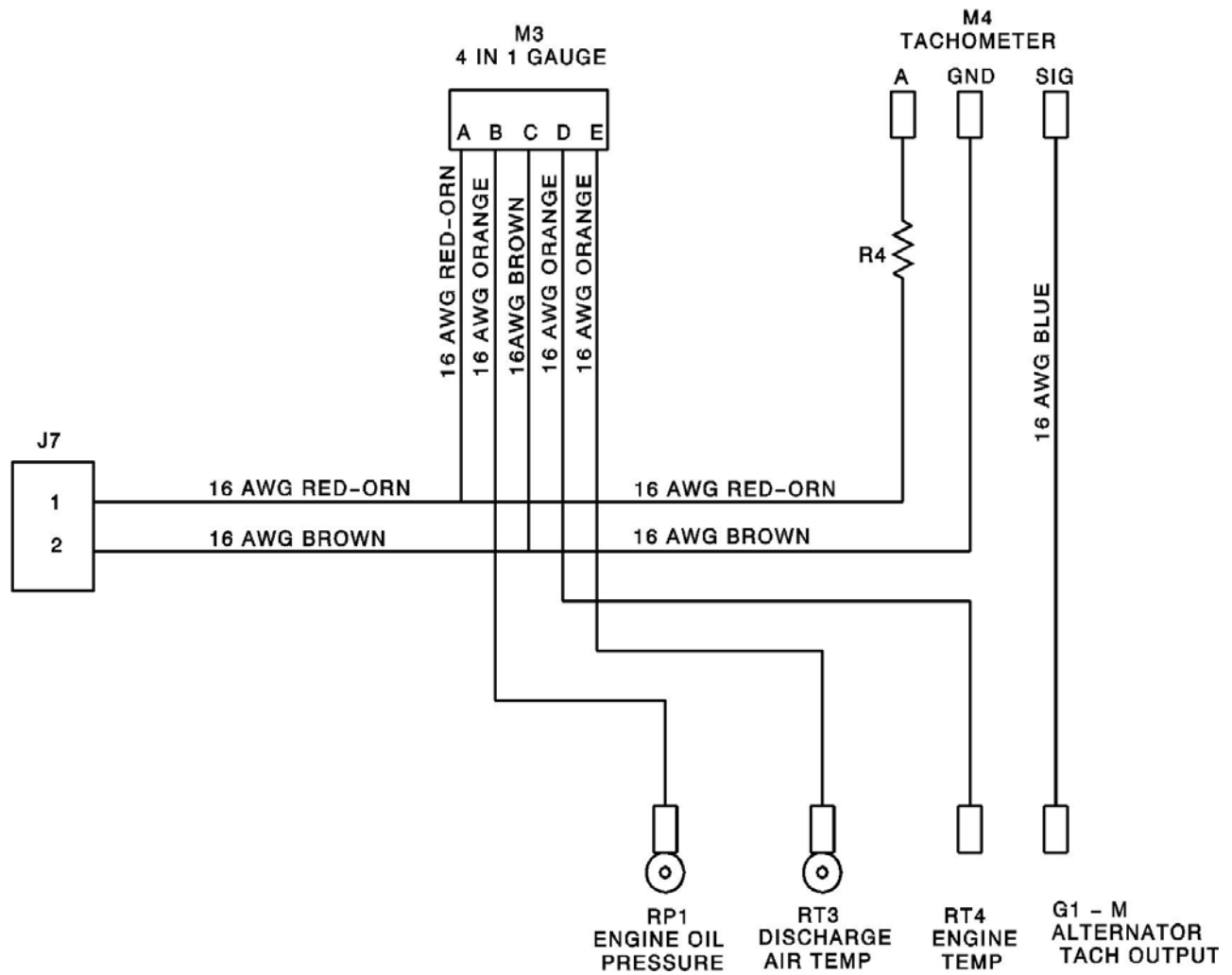
AIR FILTER RESTRICTION WIRING SCHEMATIC



22666101_OP26_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S16	36847838	SWITCH, AFRI VACUUM	1	
S17	36847838	SWITCH, AFRI VACUUM	1	
W4	22251904	HARNESS, AFRI OPTION WIRING	1	

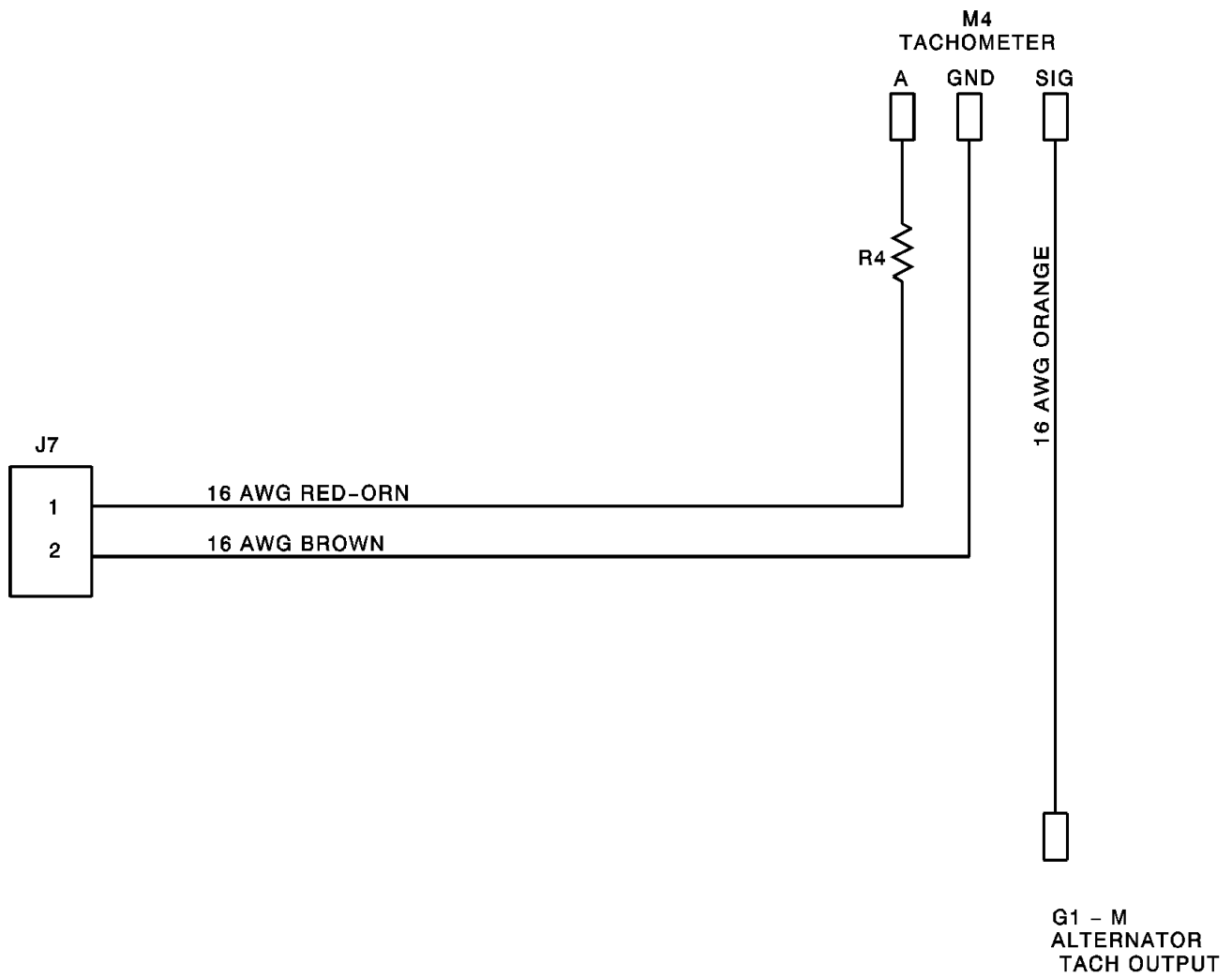
OPTION WIRING SCHEMATIC



22666101_OP27_07/05_A

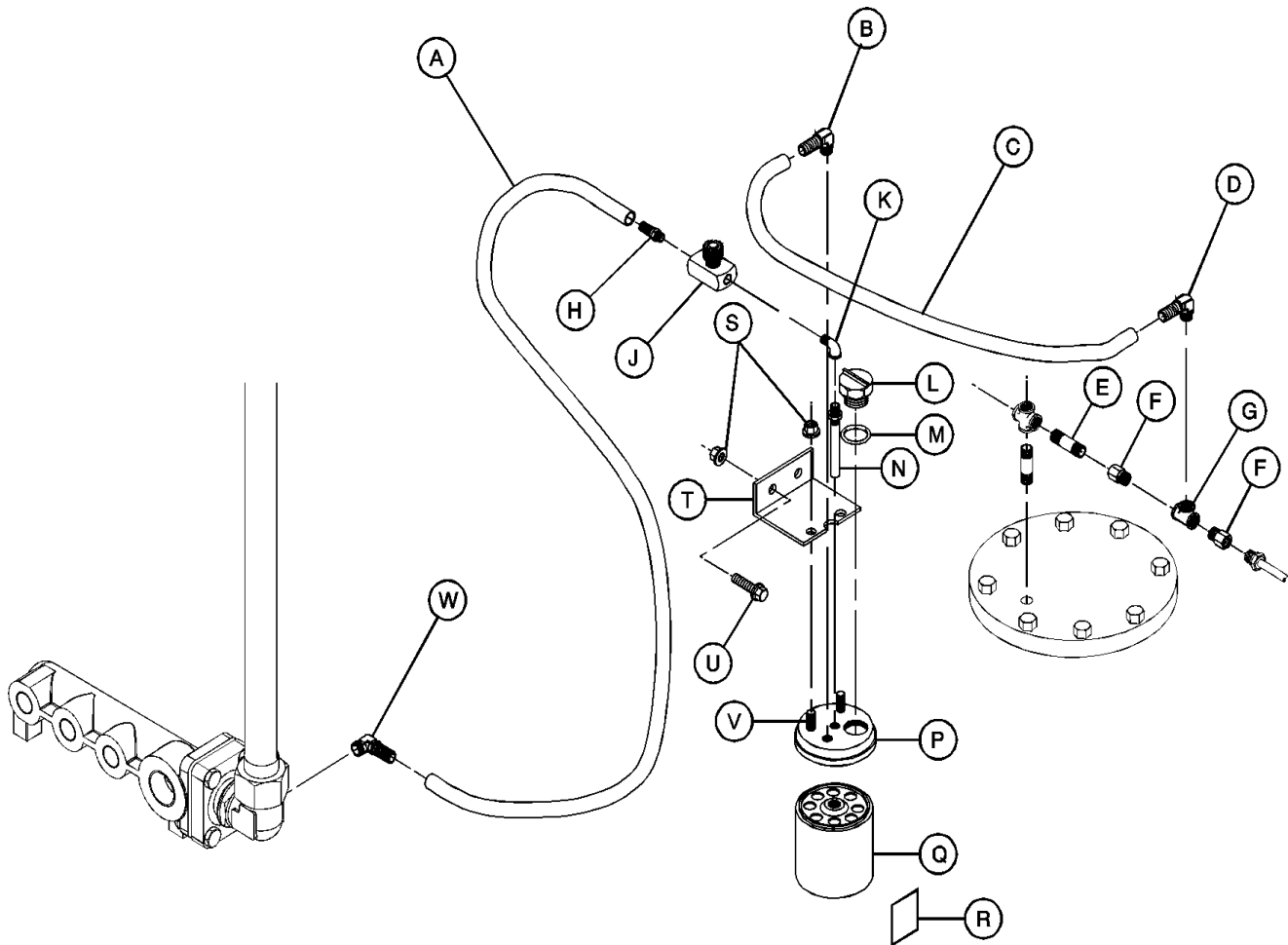
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M3	22255046	GAUGE, 4-IN-1		ENGINE OIL DISCHARGE AIR ENGINE COOLANT
M4	22055883	TACHOMETER		
RP1	36870608	SENDER, PRESSURE		
RT3	54593843	SENDER, THERMAL		
RT4	35372457	SENDER, THERMAL		
W3	22251896	HARNESS, PANEL WIRING		

TACHOMETER WIRING SCHEMATIC



22666101_OP28_07/05_A

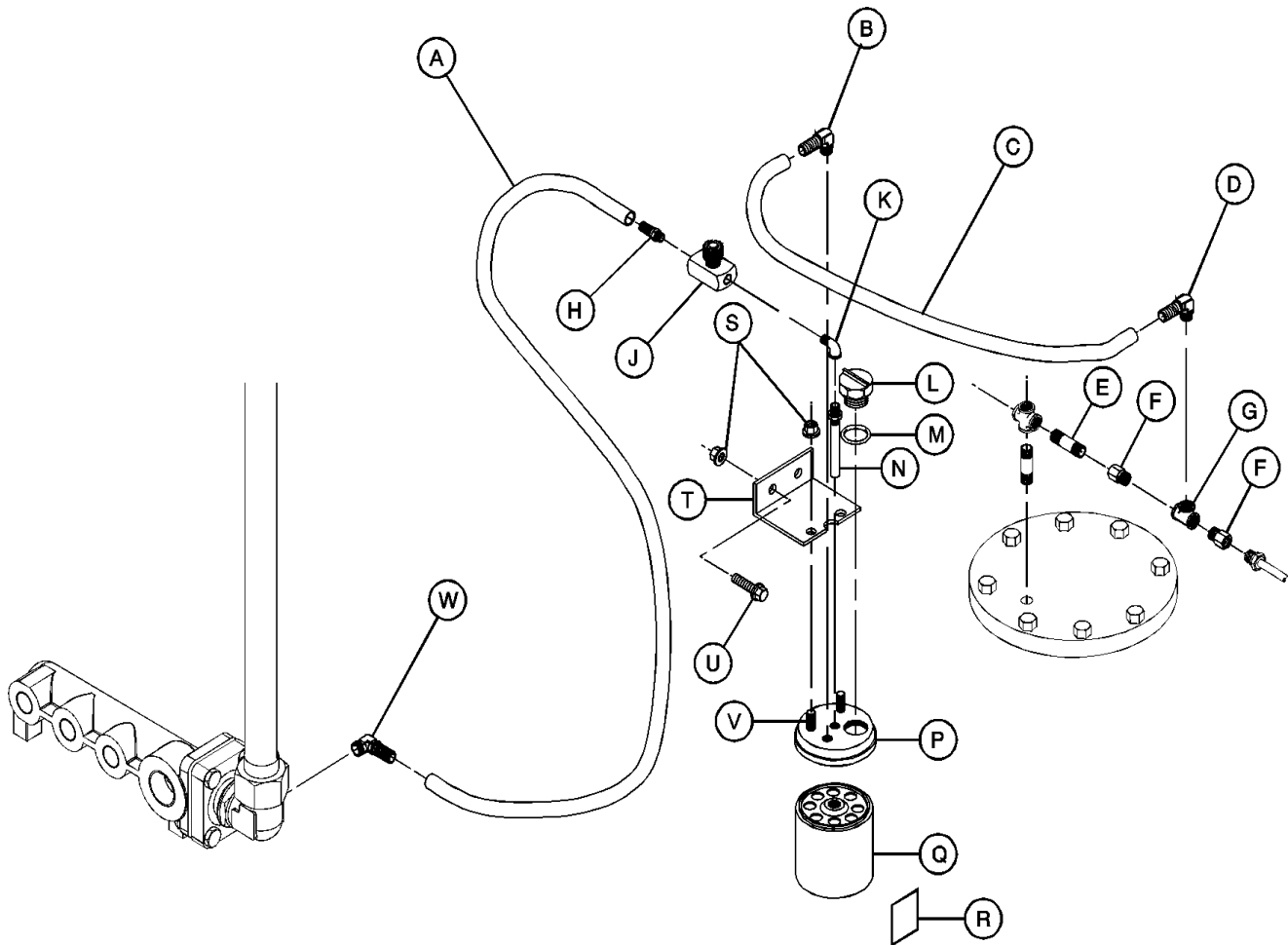
AIR LINE LUBRICATOR



22666101_OP30_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	92490358	TUBE, 6mm NYLON	1.5M	
B	92823913	ELBOW, 1/4 BSPT X 10mm TUBE	1	
C	92067982	TUBE, 10mm NYLON	1.0M	
D	54403191	ELBOW, MALE SW 1/4 BSPT X 10mm TUBE	1	
E	95667341	NIPPLE, CLOSE 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, 1/8BSPT	1	
L	92919810	PLUG, HOLLOW	1	

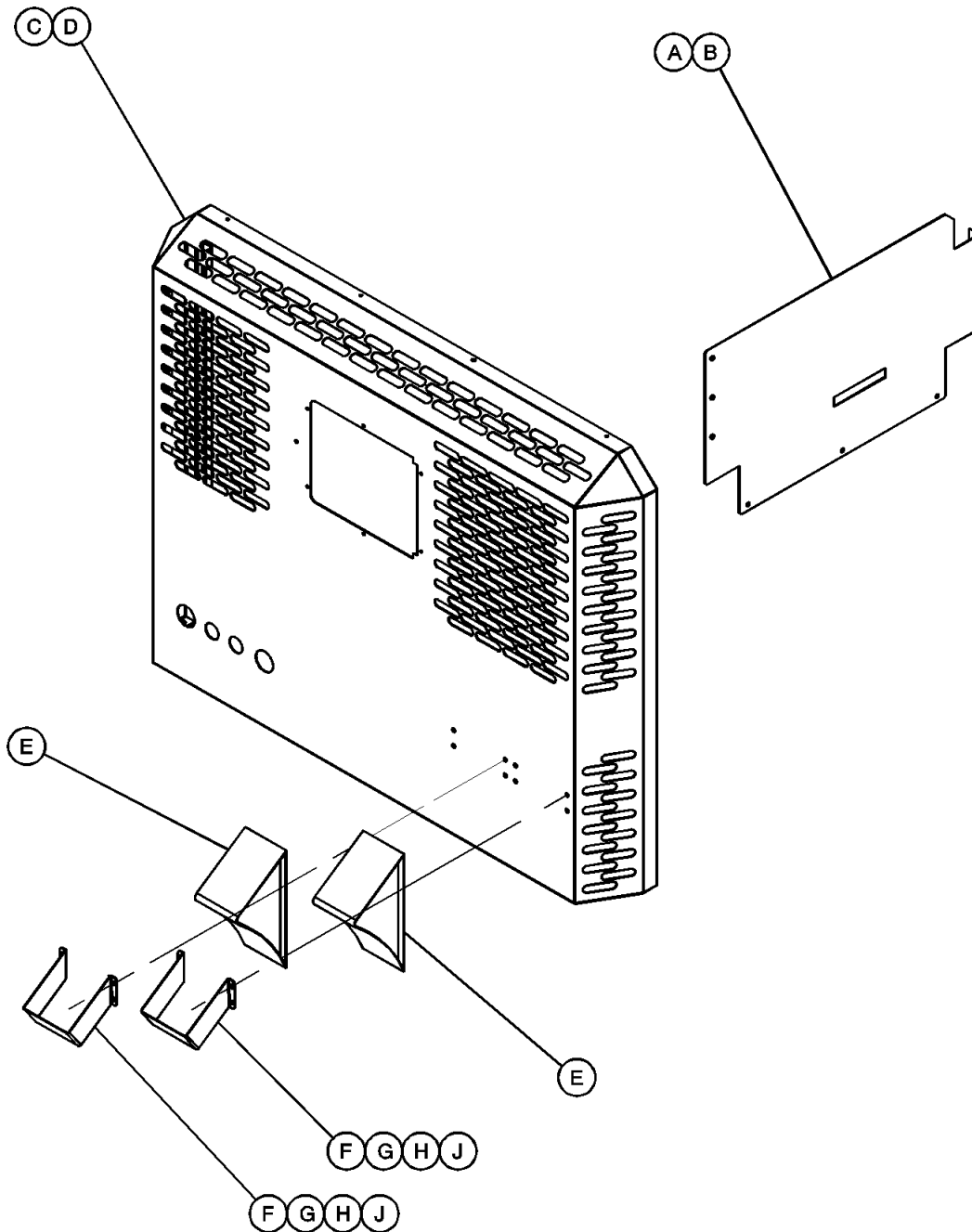
AIR LINE LUBRICATOR



22666101_OP30_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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, CSK SOC HD M10-1.5 X 30	2	
W	54403209	ELBOW, SW 1/8BSPT X 6mM TUBE	1	

WHEEL CHOCKS



22666101_OP31_07/05_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22058333	PANEL, TOOLBOX	1	
B	92368687	SCREW, TAPPING M06-1.0 X 14	8	
C	22207450	PANEL, FRONT END	1	
D	35279025	SCREW, TAPPING N08-1.25 X 20	2	
E	92899293	CHOCKS, HOLDER and WHEEL	2	
F	96745211	SCREW, SOCKET HD CAP M08-1.25 X 16	8	
G	96704671	WASHER, M08 FLAT	8	
H	96745229	WASHER, M08 LOCK	8	
J	96701370	NUT, HEX M08-1.25	8	

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22051510	B-5	22134118	B-51	22197776	B-49	22241541	B-12
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