



PARTS MANUAL

COMPRESSOR MODEL

**P425WIR
HP375WIR**

**XP375WIR
VHP300WIR**

**CODE
B**

**CODE
B**

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Section - 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.

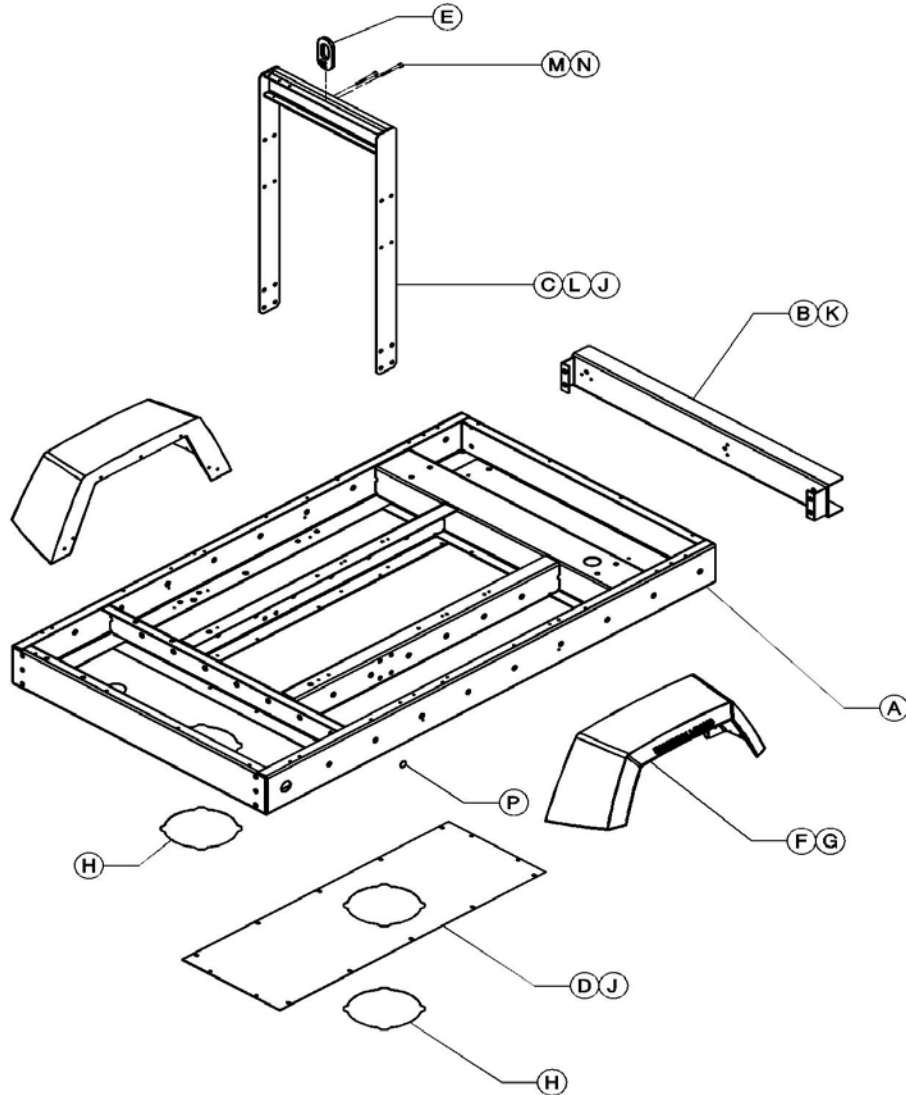
Specify the part number and description.

Section B - COMPRESSOR PARTS



FRAME

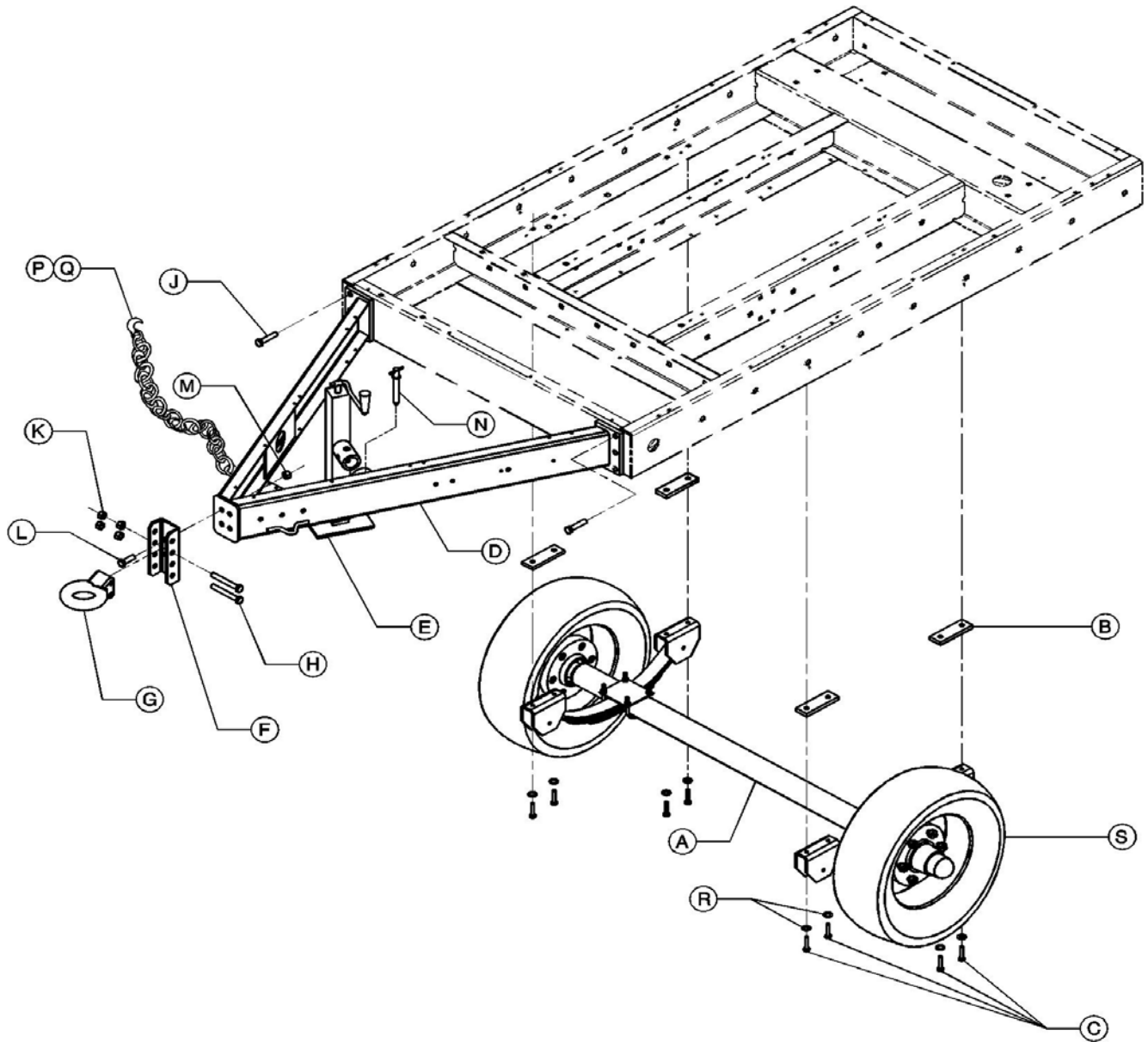
➡ DRAWBAR END



22557888_02_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22165914	FRAME ASSEMBLY	1	
B	54667902	BUMPER	1	
C	54742010	LIFTING BAIL	1	
D	54641840	PAN, MIDDLE BELLY	1	
E	54759113	EYE, LIFTING BAIL	1	
F	36877579	FENDER	2	
G	36797652	SCREW, TAPPING M06-1.0 X 12	10	
H	36880623	COVER, FLEXIBLE	2	
J	35279025	SCREW, TAPPING M08-1.25 X 20	18	
K	36888055	SCREW, HEX FLANGE M12-1.75 X 30	4	
L	36879492	SCREW, HEX FLANGE M12-1.75 X 25	8	
M	96700893	SCREW, HEX M16-2.0 X 60	2	
N	96704630	NUT, NYLOC MI6	2	
P	54772041	PLUG, SNAP-IN HOLE	15	

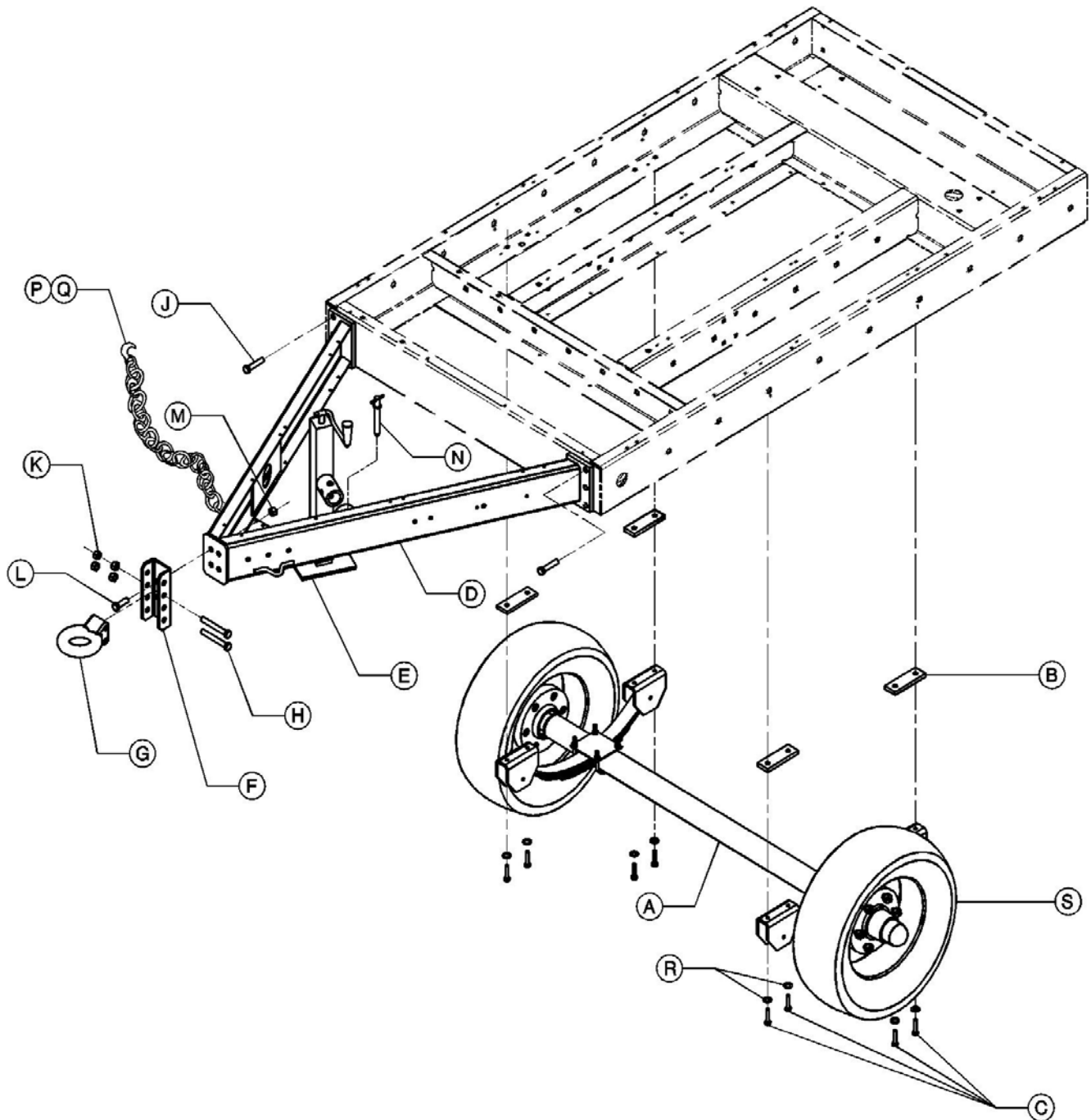
DRAWBAR COMPLETE



22557888_03_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54625322	RUNNING GEAR	1	
B	36880599	SPACER, RUNNING GEAR	4	
C	96730395	SCREW, HEX M12-1.75 X 50	8	
D	36876621	DRAWBAR	1	
E	54443577	JACK, SCREW	1	
F	36757284	CHANNEL, PINTEL MTG 3-POSITION	1	
G	35605187	EYE, PINTEL 3"	1	
H	35376094	SCREW, HEX M16-2.0 X 12	2	
J	36879302	SCREW, HEX M16-2.0 X 50	6	
K	96701750	NUT, HEX M16-2.0	4	

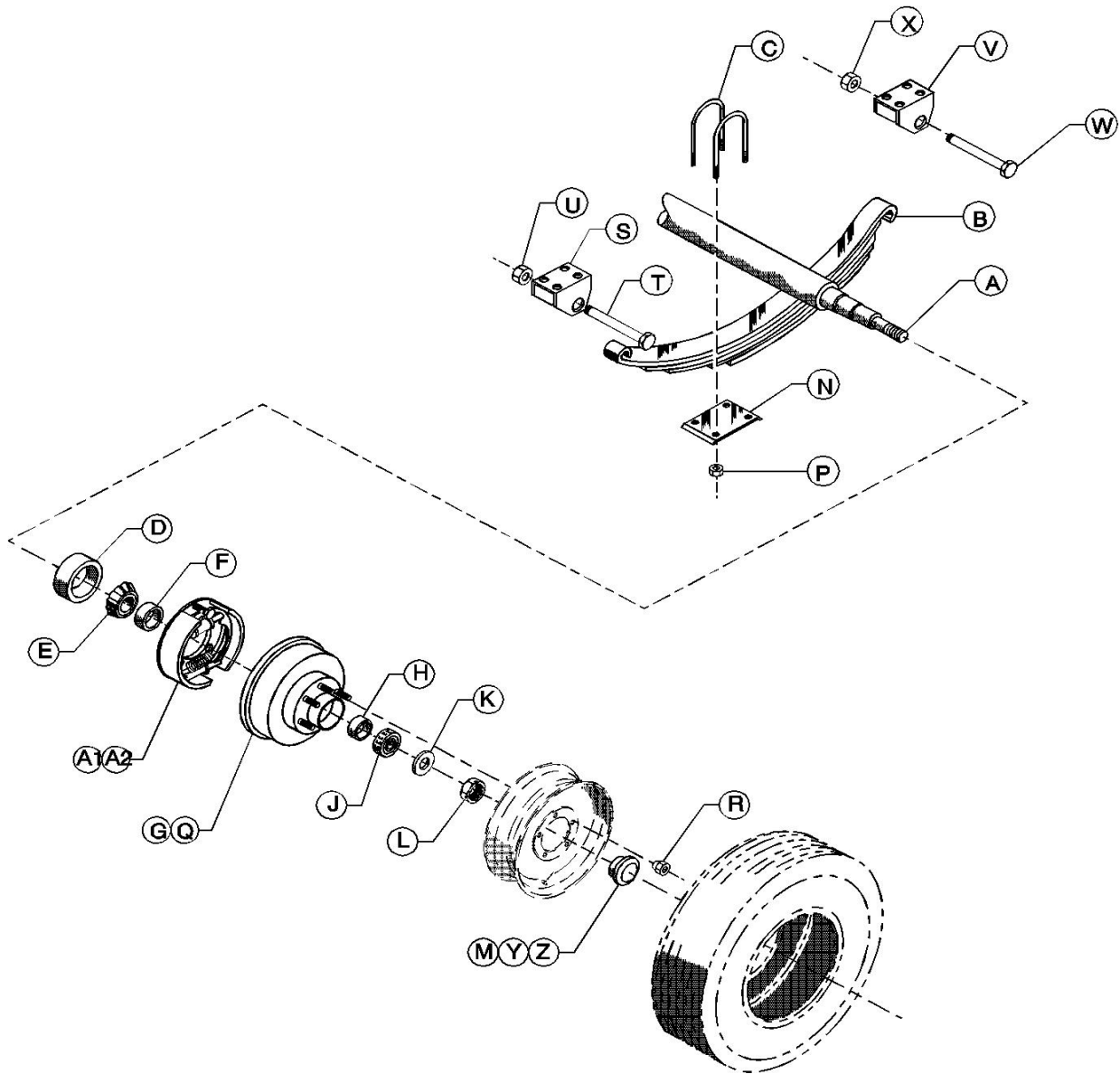
DRAWBAR COMPLETE



22557888_03_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	39179072	BOLT, HEX M16-2.0 X 50	4	
M	36879211	NUT, HEX FLANGE M16-2.0	4	
N	35609544	PIN, QUICK RELEASE	1	
P	35610377	CHAIN ASSEMBLY	2	
Q	35372432	LOCK, COUPLING	2	
R	95935003	WASHER, FLAT	16	
S	36073864	TIRE ASSEMBLY	2	

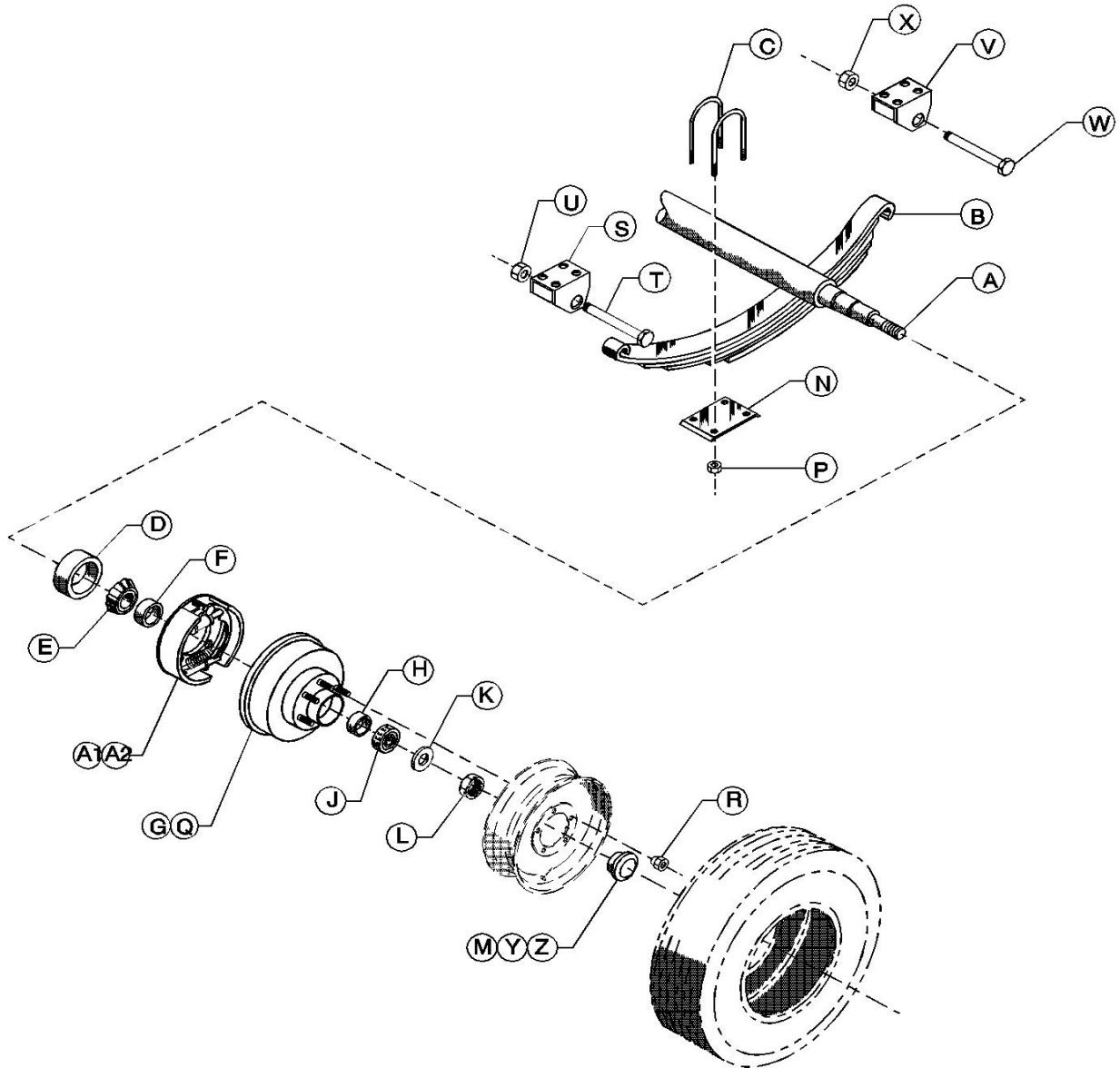
RUNNING GEAR COMPLETE



22557888_04_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54750997	BEAM, AXLE	1	
B	35315126	SPRING, SLIPPER	2	
C	35360734	U-BOLT	4	
D	35316868	SEAL, GREASE	2	
E	35316876	CONE, INNER BEARING	2	
F	35316884	CUP, INNER BEARING	2	
G	35390459	HUB, STUDDED	2	
H	35318831	CUP, OUTER BEARING	2	
J	35318849	CONE, OUTER BEARING	2	
K	35315209	WASHER, SPINDLE	2	
L	35315217	NUT, SPINDLE	2	
M	35379395	CAP, GREASE DUST	2	
N	35315241	PLATE, TIE	2	

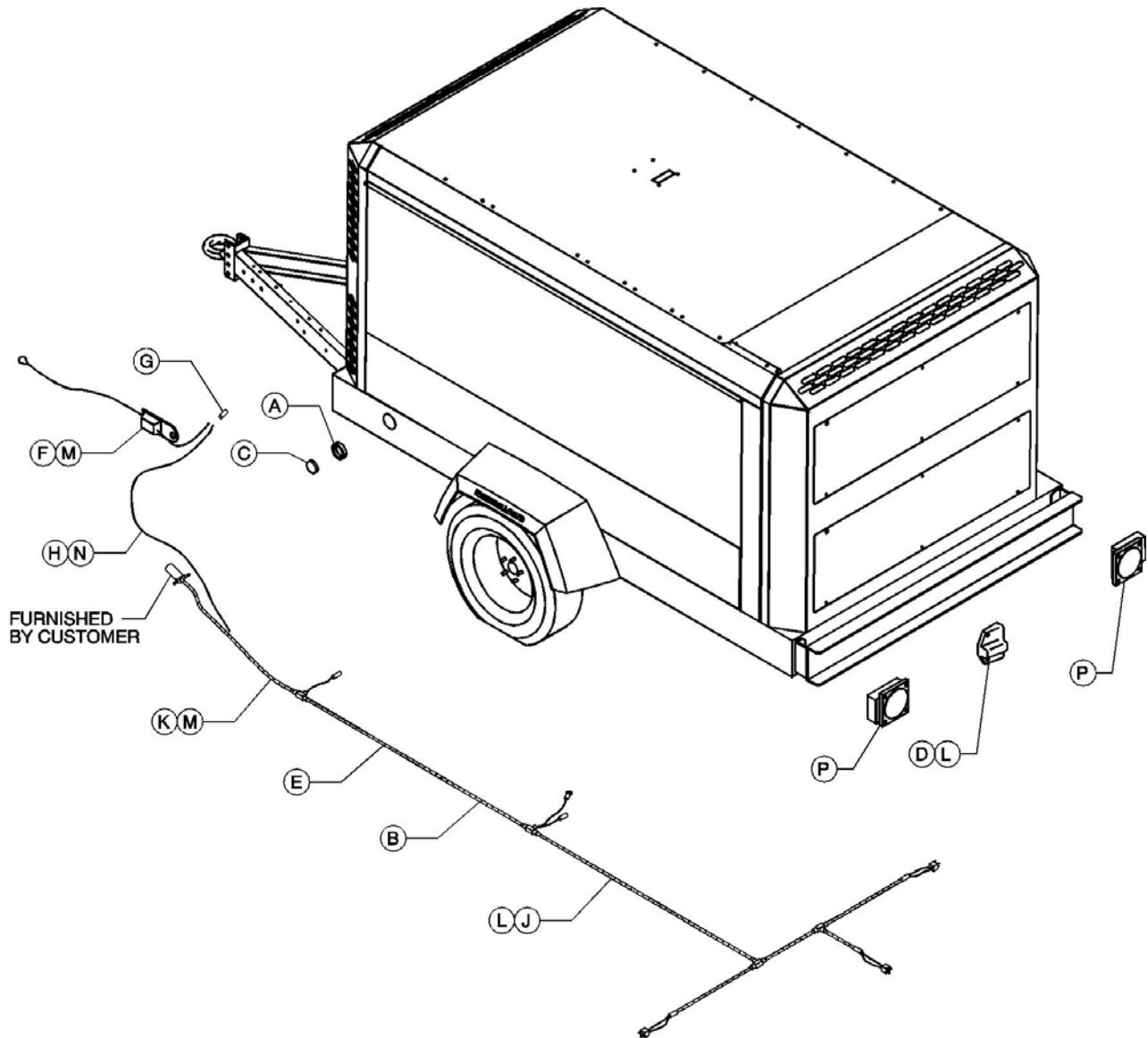
RUNNING GEAR COMPLETE



22557888_04_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	35315258	NUT, U-BOLT	4	
Q	35361898	STUD	12	
R	35315274	NUT, WHEEL	12	
S	35326958	HANGER, FRONT	2	
T	35315340	BOLT, SHACKLE	2	
U	35315357	NUT, TOP LOCK	2	
V	35326966	HANGER, REAR	2	
W	35315365	BOLT, KEEPER	2	
X	35315373	NUT, KEEPER	2	
Y	35379387	PLUG, GREASE CAP	2	
Z	35390012	WASHER, TANG	2	
A1	35390814	BRAKE ASSEMBLY, LH ELECTRIC	1	
A2	35390822	BRAKE ASSEMBLY, RH ELECTRIC	1	

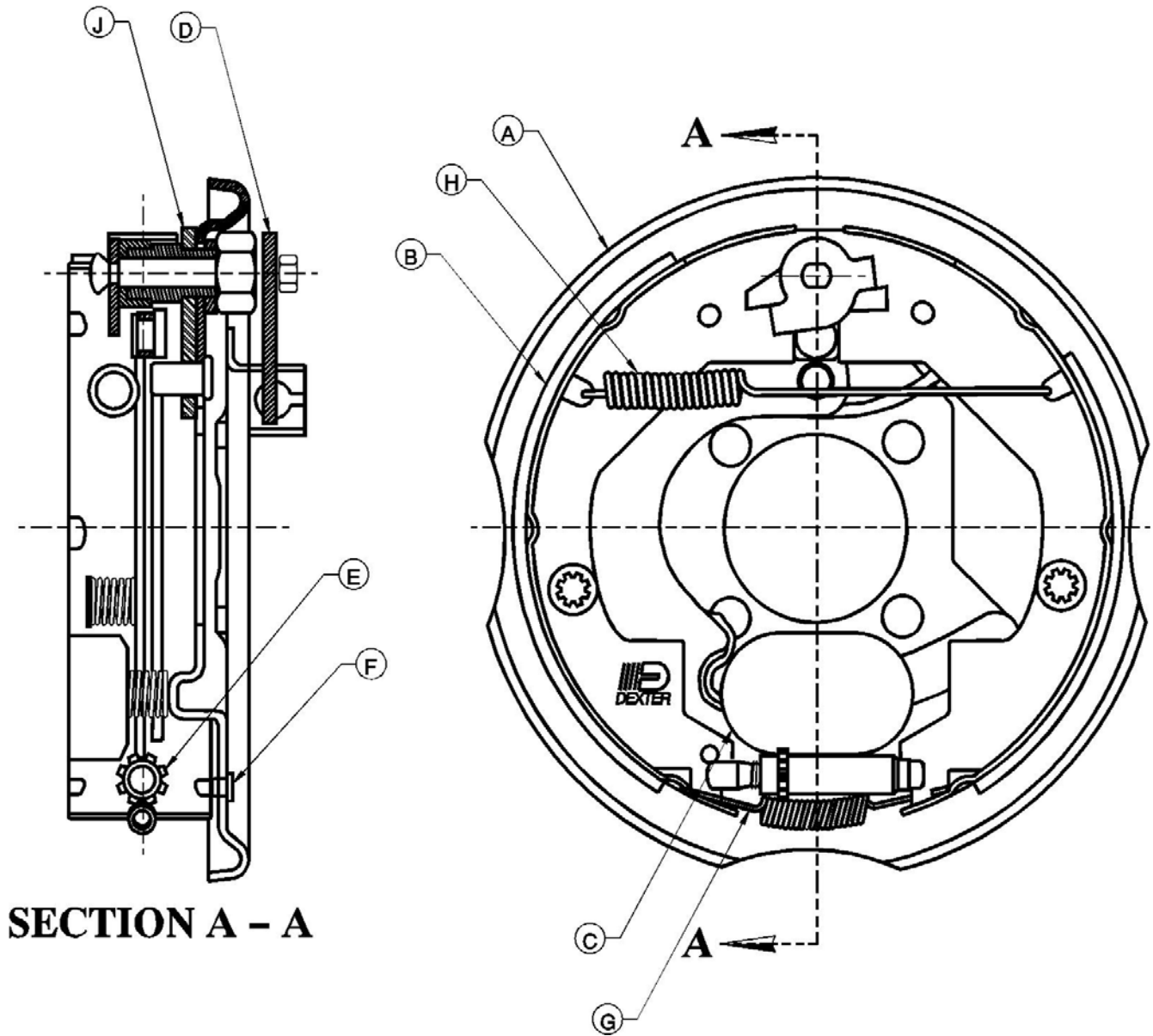
ELECTRIC BRAKE WIRING



22557888_05_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893634	GROMMET, SIDE LIGHT	2	
B	54761101	HARNESS, LIGHTING	1	
C	35367051	LIGHT, YELLOW CLEARANCE	2	
D	36895860	LIGHT, LICENSE	1	
E	36782837	SCREW, HEX SHEETMETAL #10 X 1.0	2	
F	35315944	SWITCH, BREAKAWAY	1	
G	37140365	SPLICE, INSULATED	1	
H	35346337	LUG, TERMINAL	1	
J	35253038	CLAMP, 3/8	4	
K	37001252	CLAMP, SUPPORT	1	
L	92368687	SCREW, TAPPING M06-1.0 X 14	5	
M	36797652	SCREW, TAPPING M06-1.0 X 12	2	
N	35120005	WIRE, 14 GA BLACK	40"	
P	54671557	LIGHT, STOP/TAIL/TURN	2	

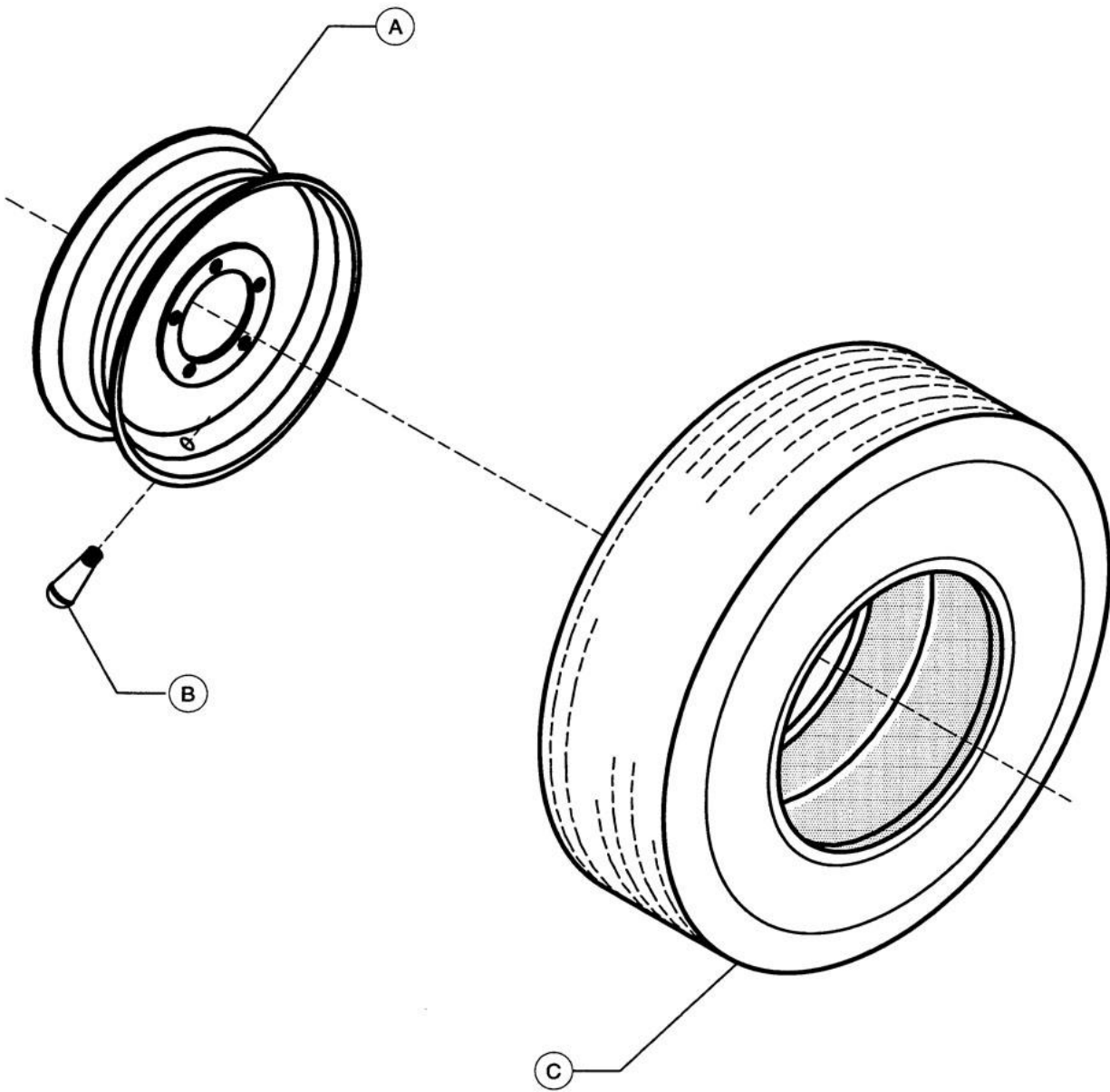
ELECTRIC BRAKE SHOE



22557888_06_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35390830	PLATE ASSEMBLY, LH BACKING	1	
	35390848	PLATE ASSEMBLY, RH BACKING	1	
B	36895803	SHOE KIT, BRAKE	1	
C	36895811	MAGNET KIT	2	
D	35390913	LEVER, PARKING BRAKE	2	
E	35391010	SCREW ASSEMBLY, ADJUSTING	2	
F	35391069	PLUG, ADJUSTING SLOT	2	
G	35393727	SPRING KIT, ADJUSTING SCREW	2	
H	35391002	SPRING, RETRACTOR	2	
J	36895829	LEVER KIT, LH ACTUATING	1	
	36895837	LEVER KIT, RH ACTUATING	1	

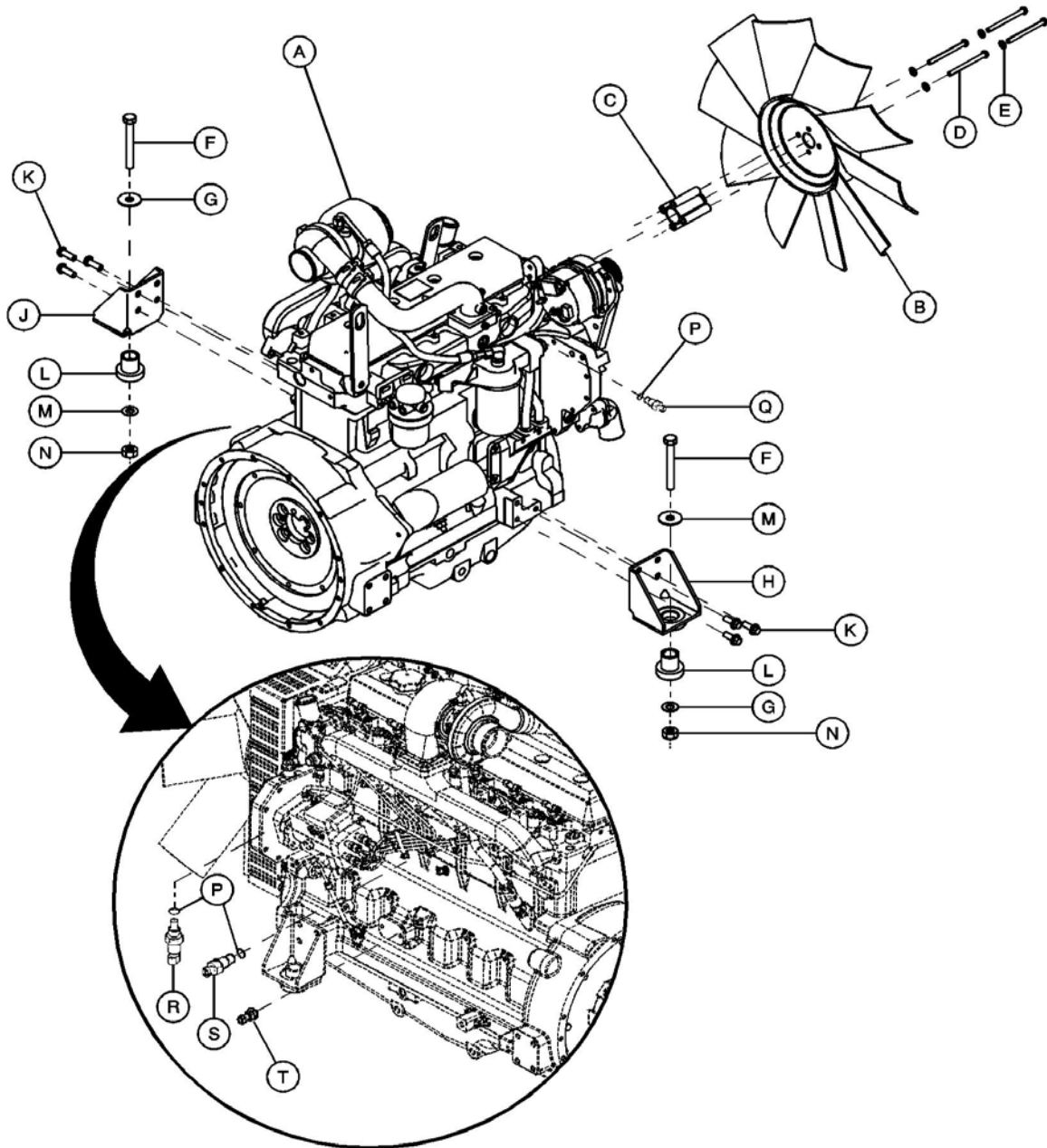
TIRE & WHEEL ASSEMBLY



22557888_07_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35318757	WHEEL, 15 X 6	1	
B	35282565	VALVE, STEM	1	
C	22253041	TIRE, ST225/75D15D	1	

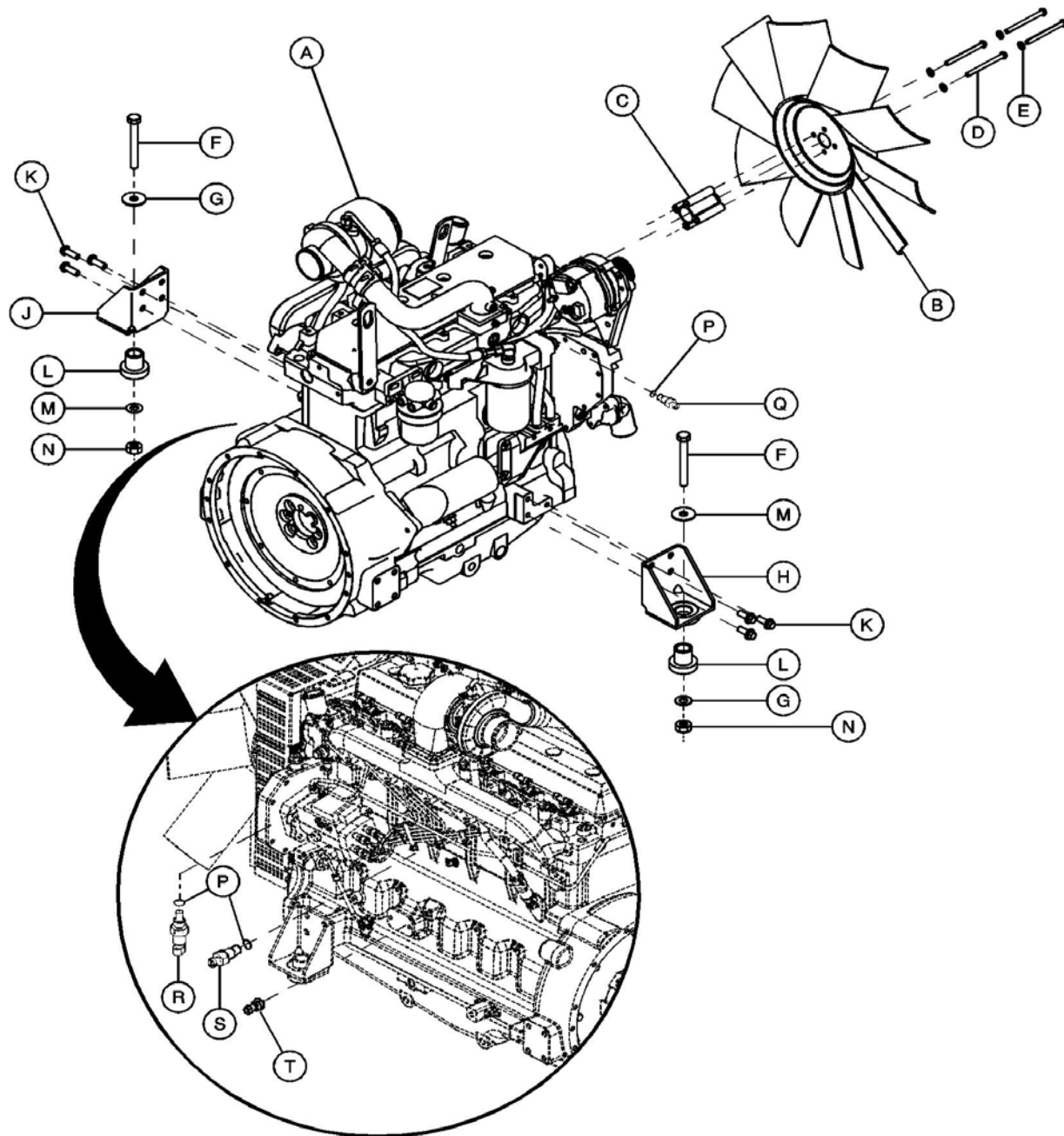
ENGINE COMPLETE



22557888_08_10/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22206015	ENGINE	1	Ser. Code A57, A58, A59, A60
	22997506	ENGINE (Credit Premited)		Ser. Code C75, C76, C77, C78
	22997522	ENGINE (Export Only)		Ser. Code C71, C72, C73, C74
B	54731468	FAN	1	Prior to S/N 364137
	22748578	FAN	1	Begin w/ S/N 364137
C	54749056	SPACER, FAN	1	Prior to S/N 364137
	22743439	SPACER, FAN	1	Begin w/ S/N 364137
D	96726435	SCREW, HEX M08-1.25 X 100	4	Prior to S/N 364137
	35288422	SCREW, HEX M08-1.25 X 80	4	Begin w/ S/N 364137
E	96701396	WASHER, FLAT M08	4	

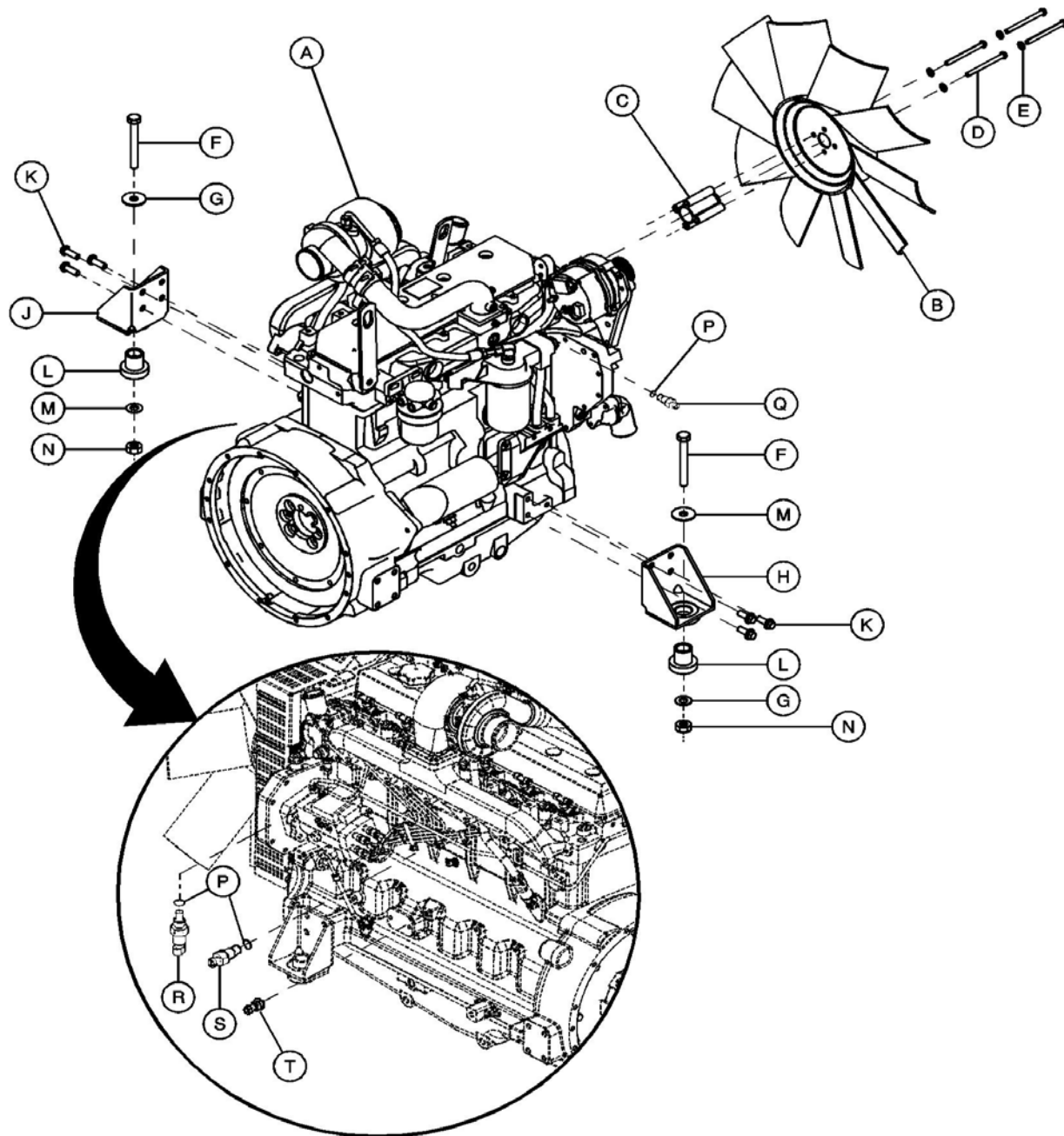
ENGINE COMPLETE (cont'd)



22557888_08_10/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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	

ENGINE COMPLETE (cont'd)

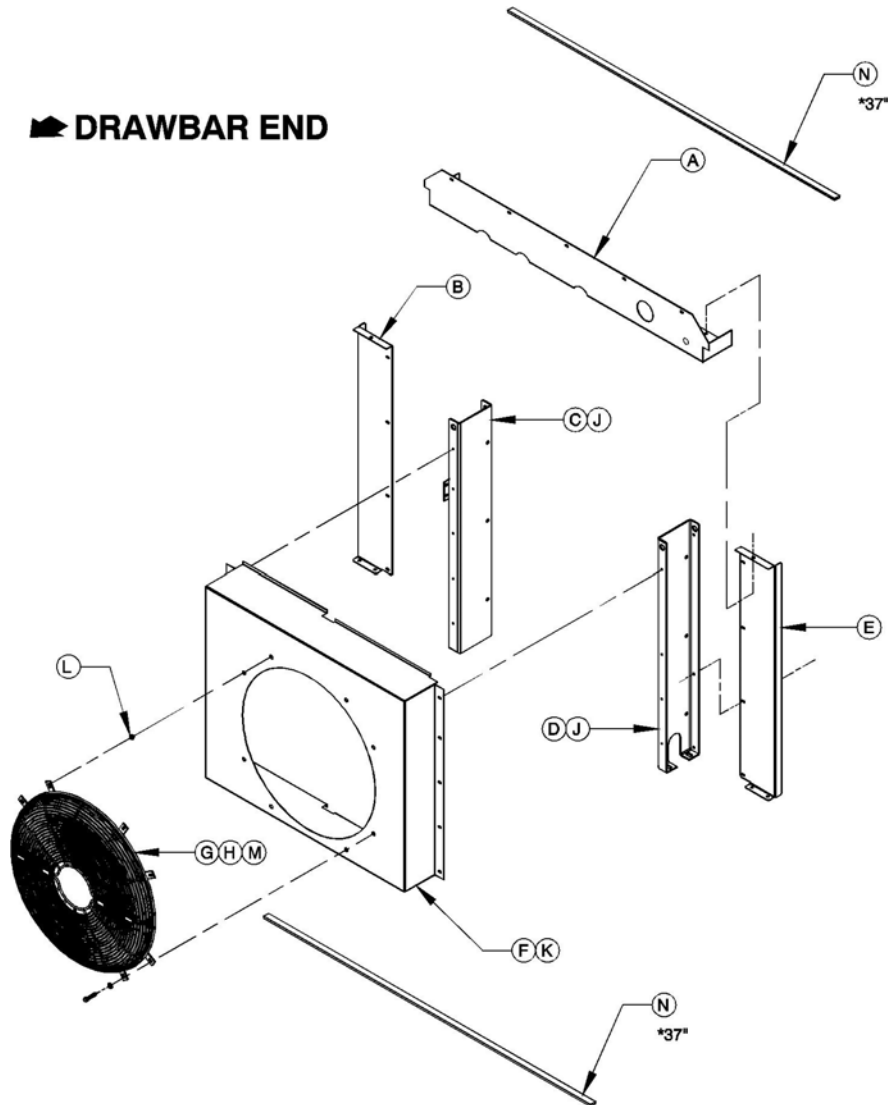


22557888_08_10/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	85470607	O-RING, 11.30 X 2.20mm	3	
Q	22222608	SENSOR, ENGINE HEAD TEMP	1	
R	22222590	SENSOR, COOLANT TEMPERATURE	1	
S	22222582	SENSOR, ENGINE SPEED	1	
T	22222574	SENSOR, OIL PRESSURE	1	
	22206148	ELEMENT, OIL FILTER		
	22206197	ELEMENT, FUEL FILTER		

COOLING COMPLETE

➡ DRAWBAR END

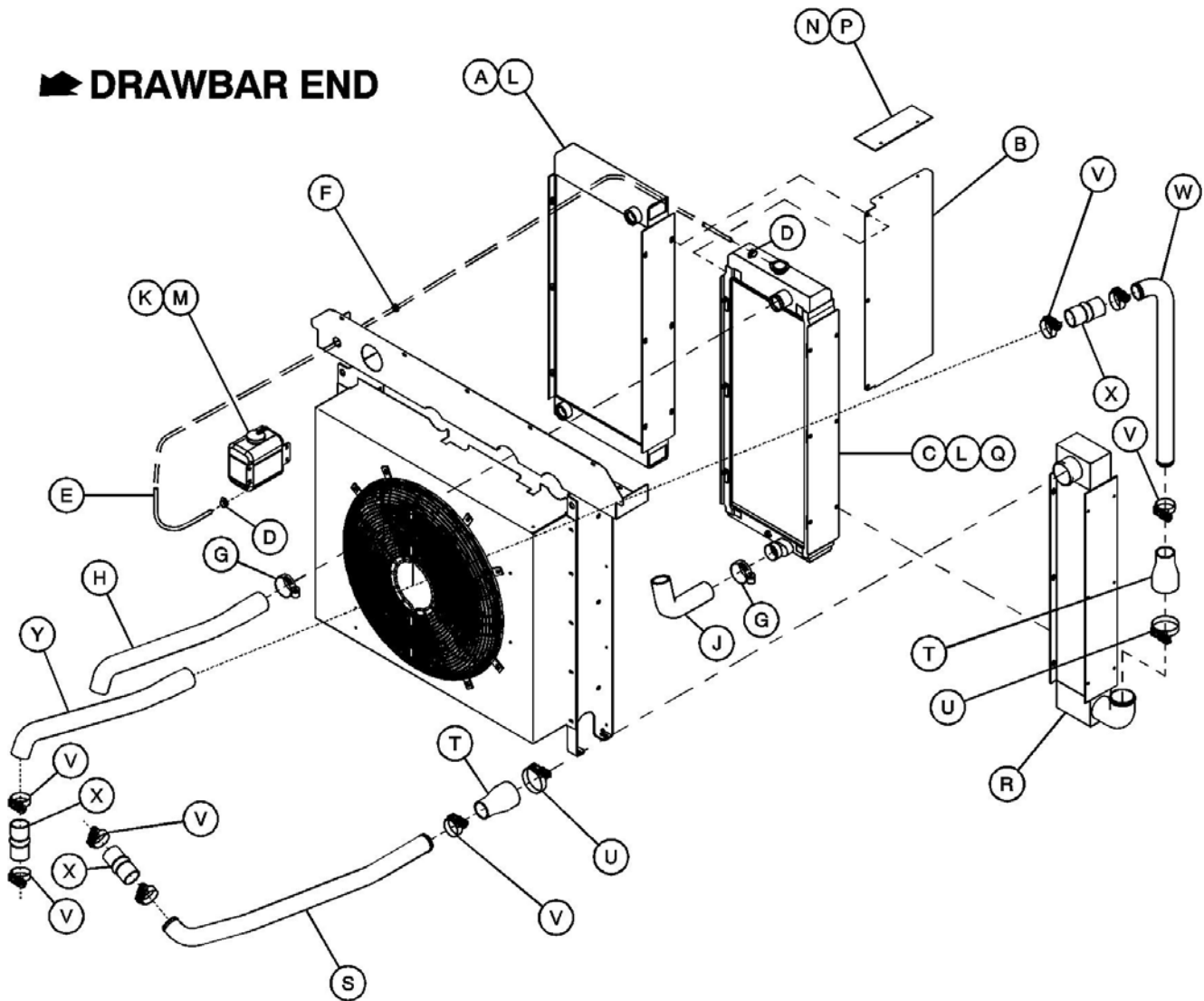


22557888_30_10/05_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22447478	BAFFLE, TOP	1	Prior to S/N 378305 Begin w/ S/N 378305
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	
	22962583	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	See Lengths Above
L	36895746	NUTSERT, M08	8	
M	96702055	SCREW, HEX M08-1.25 X 20	8	
N	35140409	FOAM	*	
P	22746630	PANEL, ACCESS COVER	1	

COOLING COMPLETE (cont'd)

➡ **DRAWBAR END**

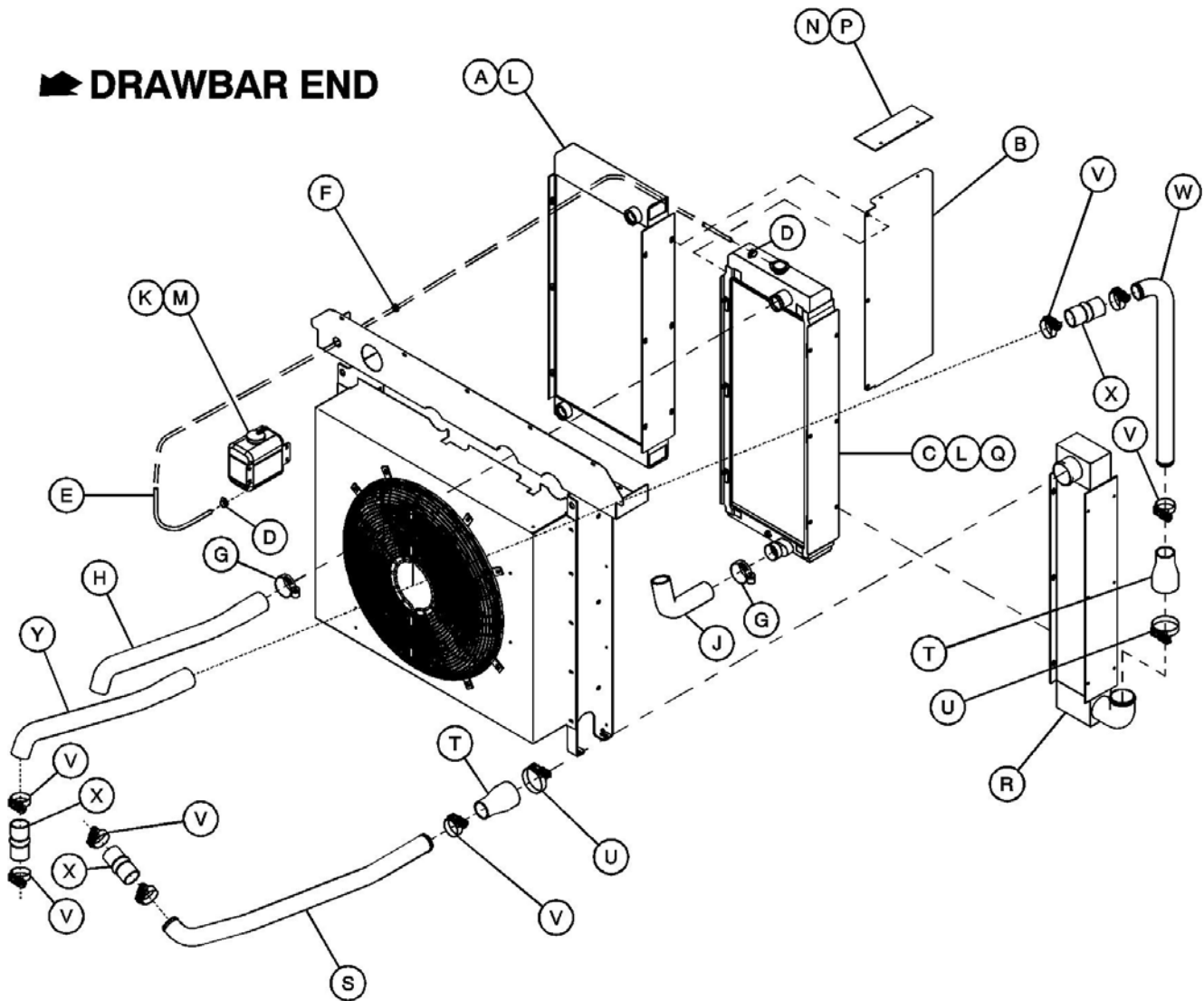


22557888_031_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22150197	OIL COOLER	1	(P425, HP375, XP375, 7/120, 10/110, 9/110) All Begin w/ S/N 351700 (VHP300, 14/85) Prior to S/N 351700
	22185391	OIL COOLER	1	
B	22188767	BAFFLE, SPLITTER	1	
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	

COOLING COMPLETE (cont'd)

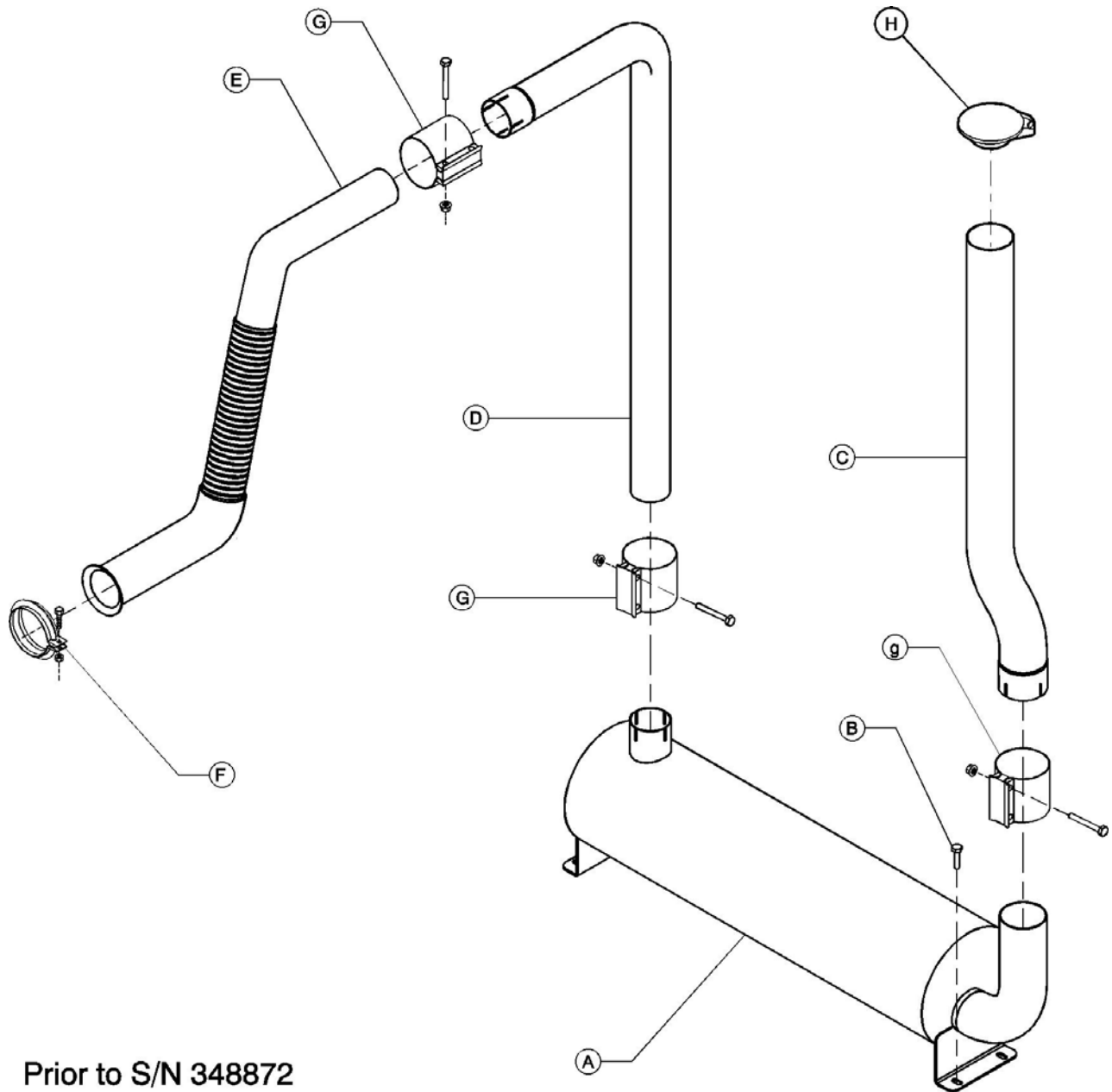
➡ **DRAWBAR END**



22557888_031_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	92368687	SCREW, TAPPING M06-1.0 X 12	4	
N	22060503	PLATE, BAFFLE	1	
P	36797652	SCREW, TAPPING M06-1.0 X 12	3	
Q	36769560	CAP, RADIATOR	1	
R	22138358	COOLER, CHARGE AIR	1	
S	22174734	PIPE, CHARGE AIR COOLER/TURBO	1	
T	22189310	REDUCER	2	
U	22144513	CLAMP, SPRING-LOADED 3"	3	
V	22189302	CLAMP, SPRING-LOADED 2.25"	8	
W	22174742	PIPE, CHARGE AIR COOLER VERT.	1	
X	22177265	CONNECTOR, FLEXIBLE	3	
Y	22186621	PIPE, CHARGE AIR COOLER/ENGINE	1	

EXHAUST COMPLETE

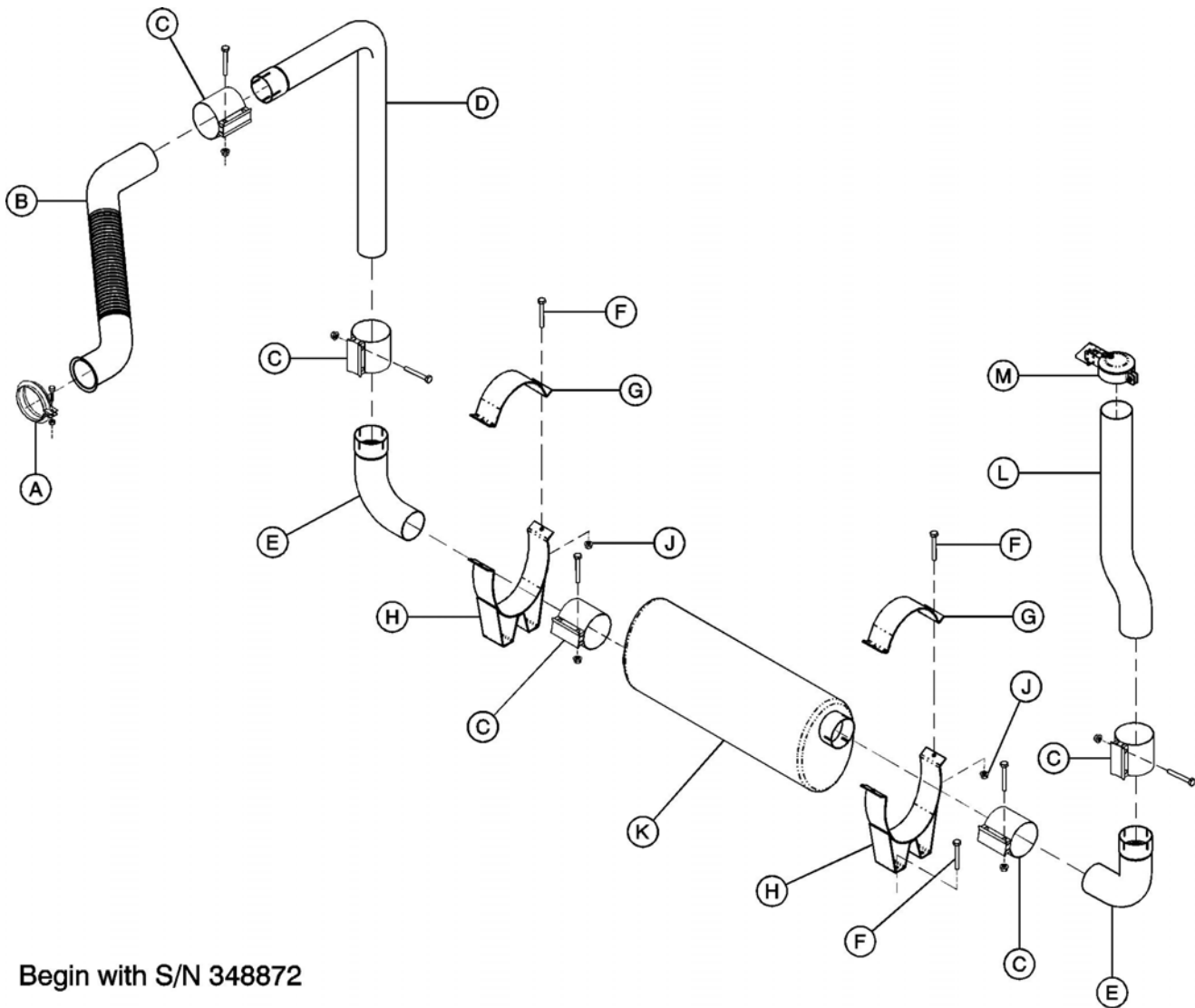


Prior to S/N 348872

22557888_32a_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22231096	MUFFLER	1	
B	35279025	SCREW, TAPPING M08-1.25 X 20	4	
C	22288062	PIPE, EXHAUST	1	
D	22185557	TUBE, EXHAUST	1	
E	22058267	EXHAUST PIPE ASM.	1	
F	36881175	CLAMP, EXHAUST	1	
G	35293059	CLAMP, EXHAUST SEAL	3	
H	36869337	CAP, RAIN	1	

EXHAUST COMPLETE

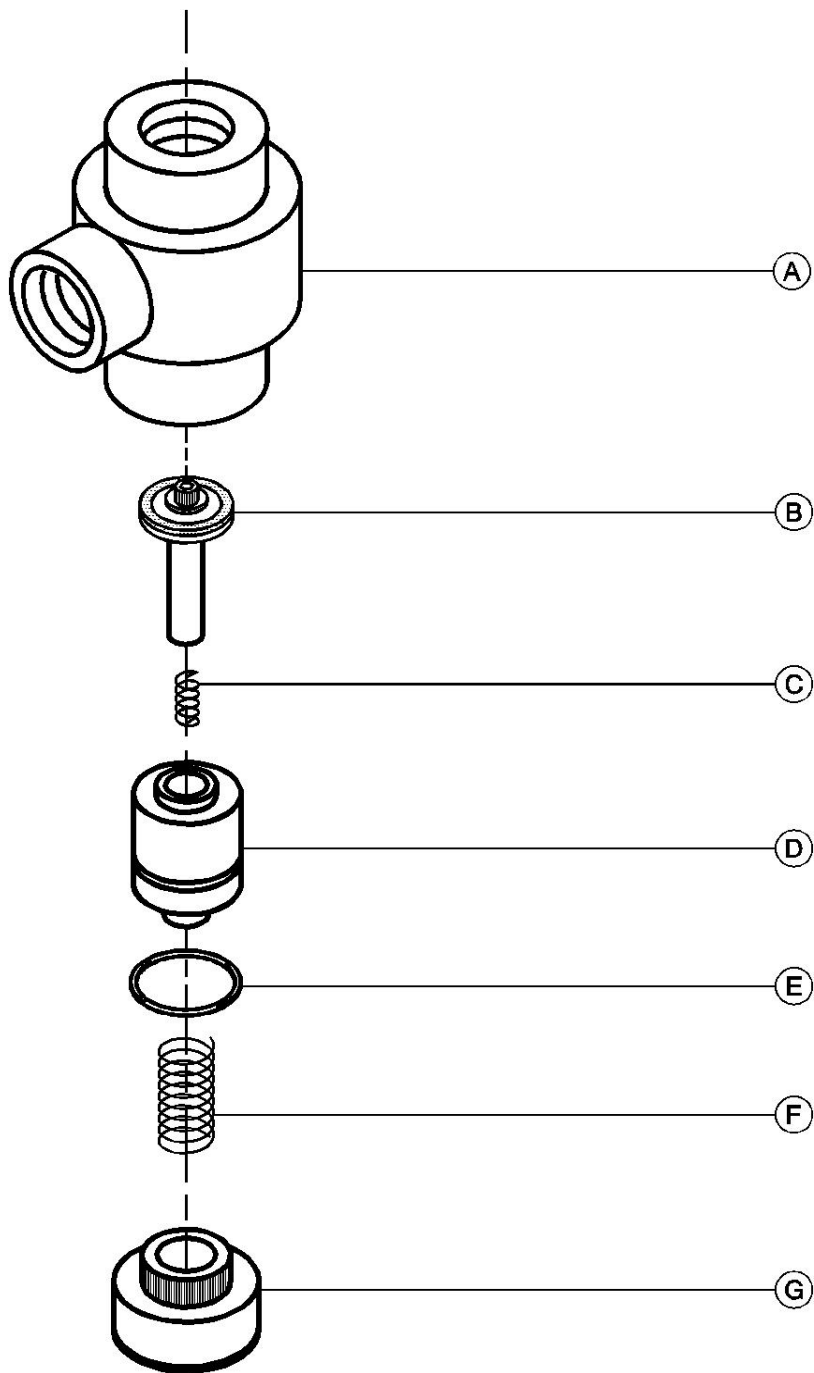


Begin with S/N 348872

22557888_32b_10/04_A

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

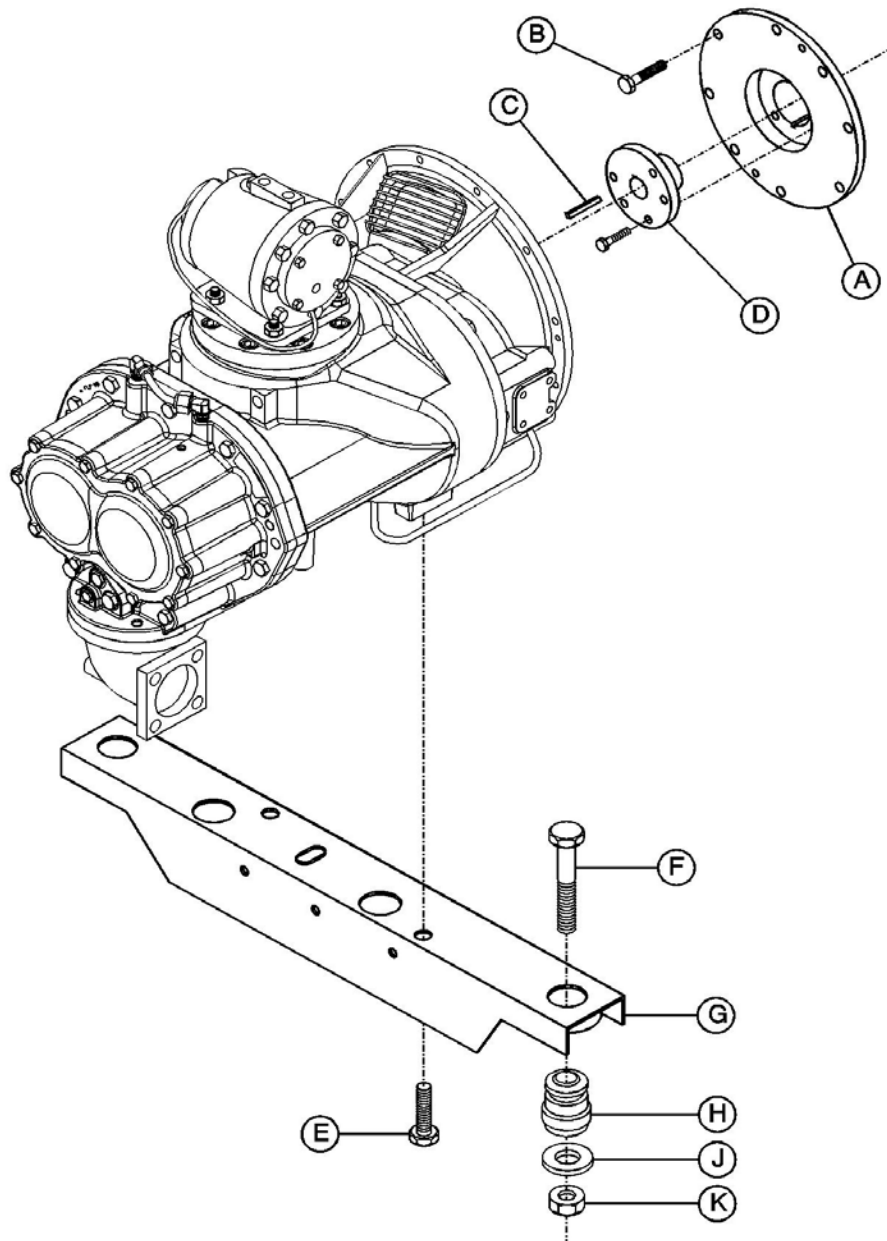


22557888_33_11/04_A

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

➤ DRAWBAR END

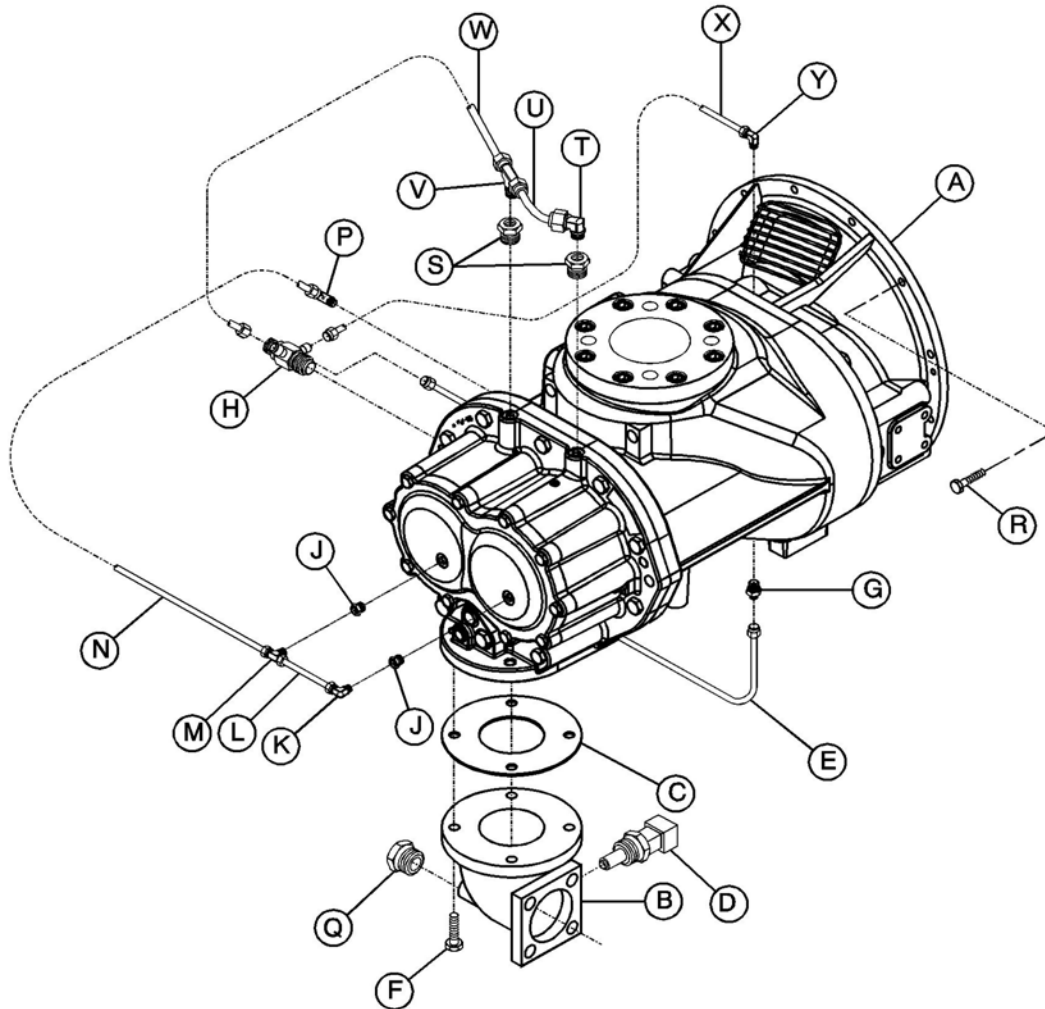


22557888_34_11/04_A

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

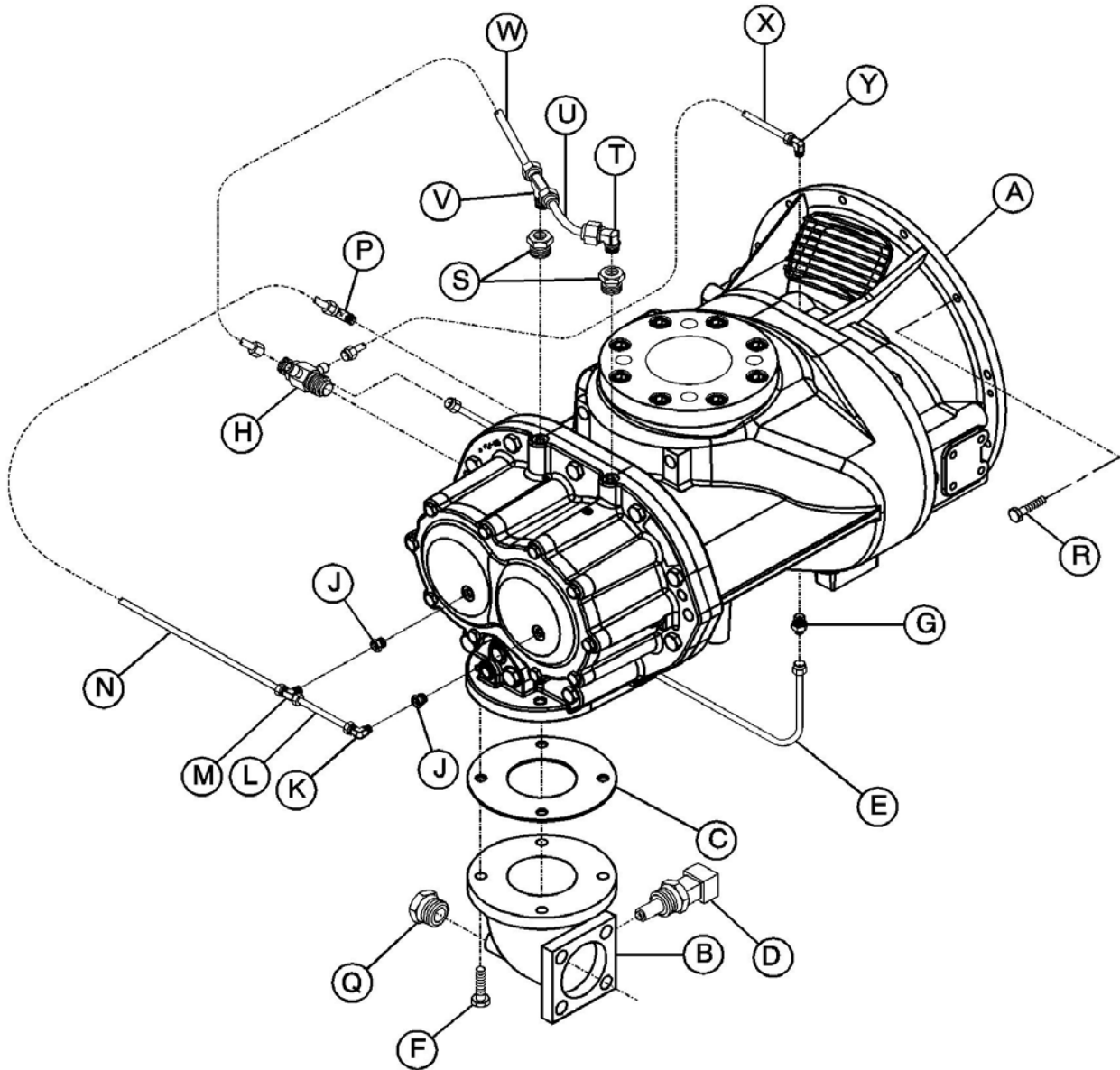


22557888_35_11/04_A

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, 90° SAE 7/8-14 X -10JIC	1	
L	36846111	TUBE, MALE REAR SCAVENGE	1	
M	36846129	TEE, BRANCH 7/8-14 X -10JIC	1	
N	36846103	TUBE, BEARING OIL SCAVENGE	1	

AIREND COMPLETE (cont'd)

DRAWBAR END

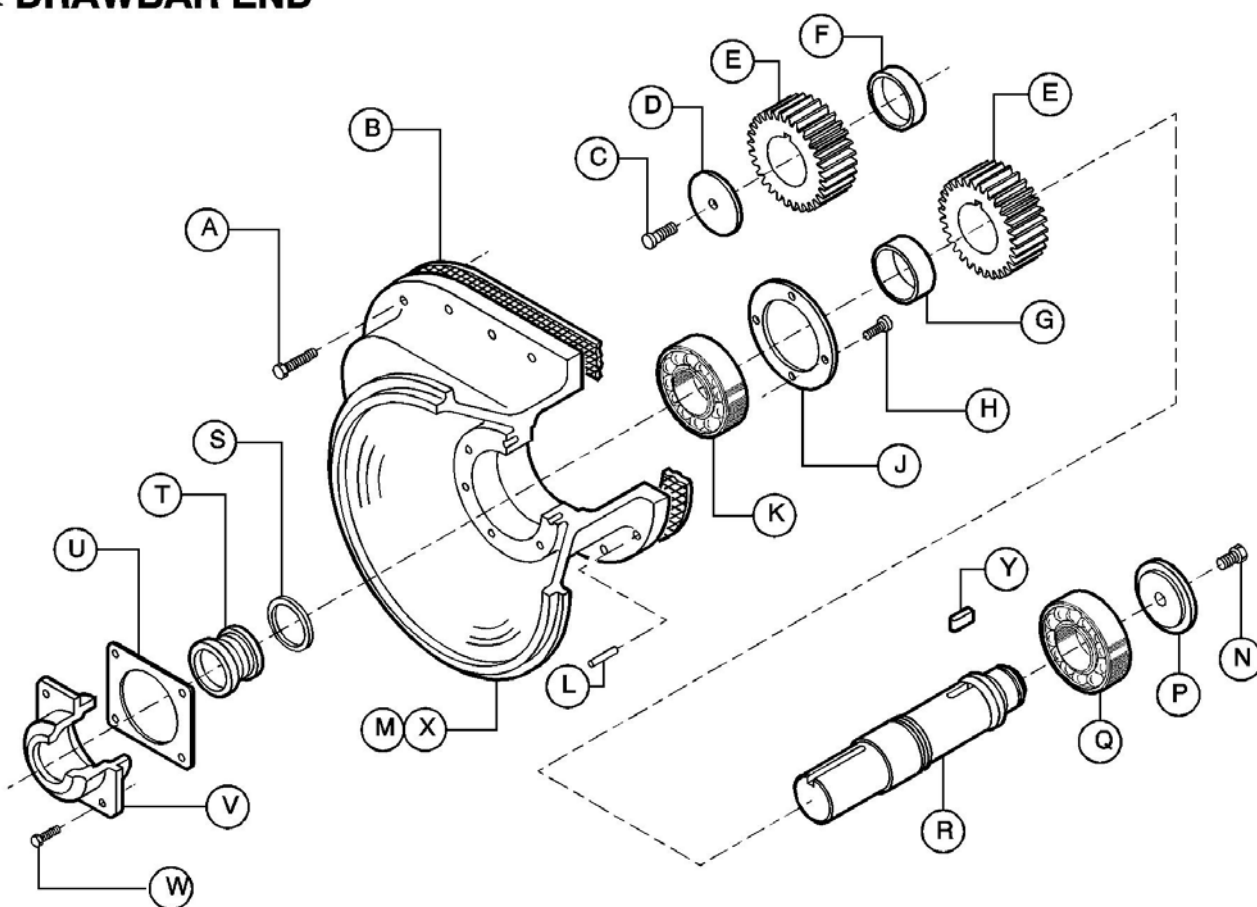


22557888_35_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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

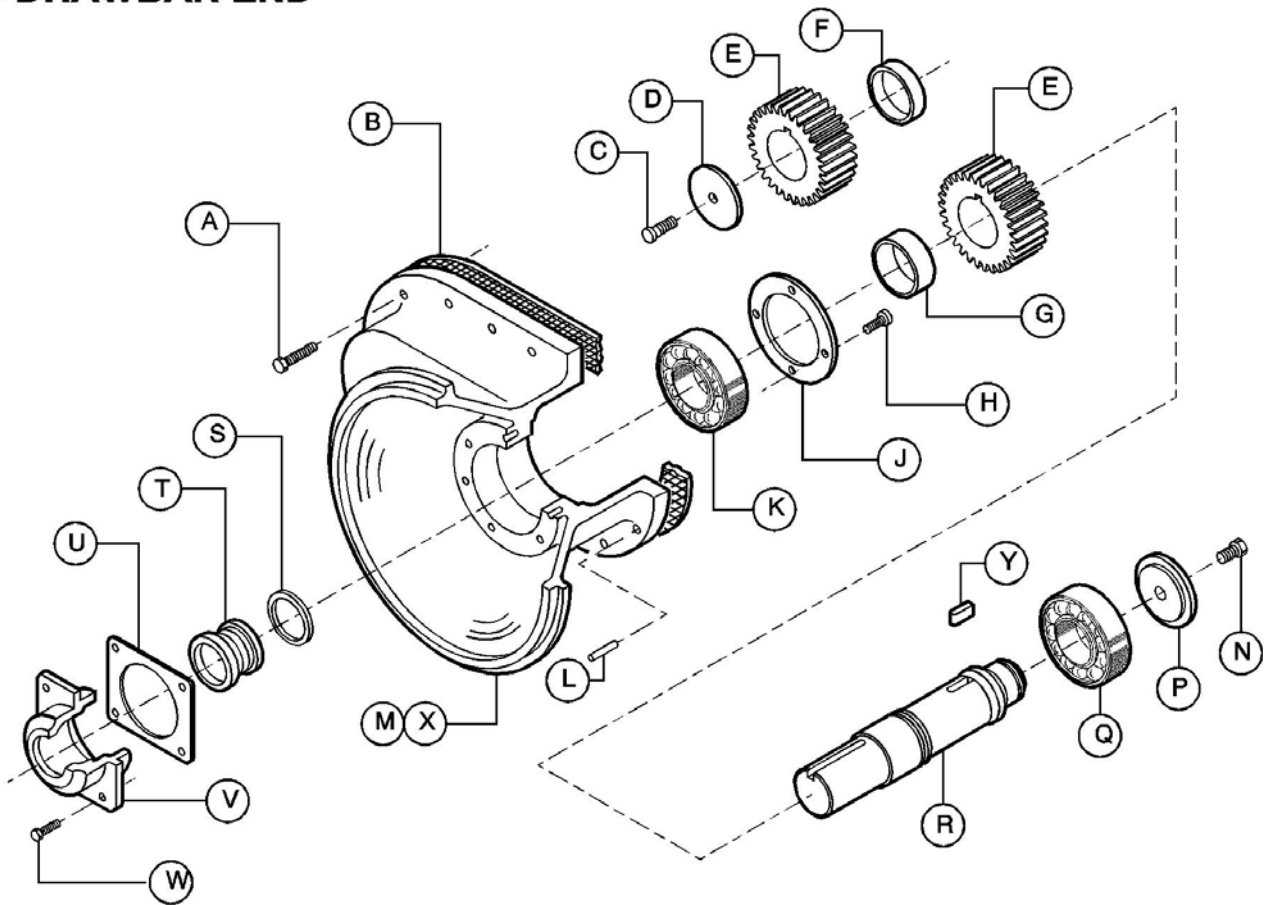


22557888_36_05/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96716162	SCREW, HEX SOCKET M16-2.0 X 40	8	
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		VHP300,14/85
F	35262716	SPACER	1	
G	35327626	SPACER, BEARING	1	
H	35327550	SCREW, HEX SOCKET 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	

AIREND GEAR CASE ASSEMBLY

➡ DRAWBAR END

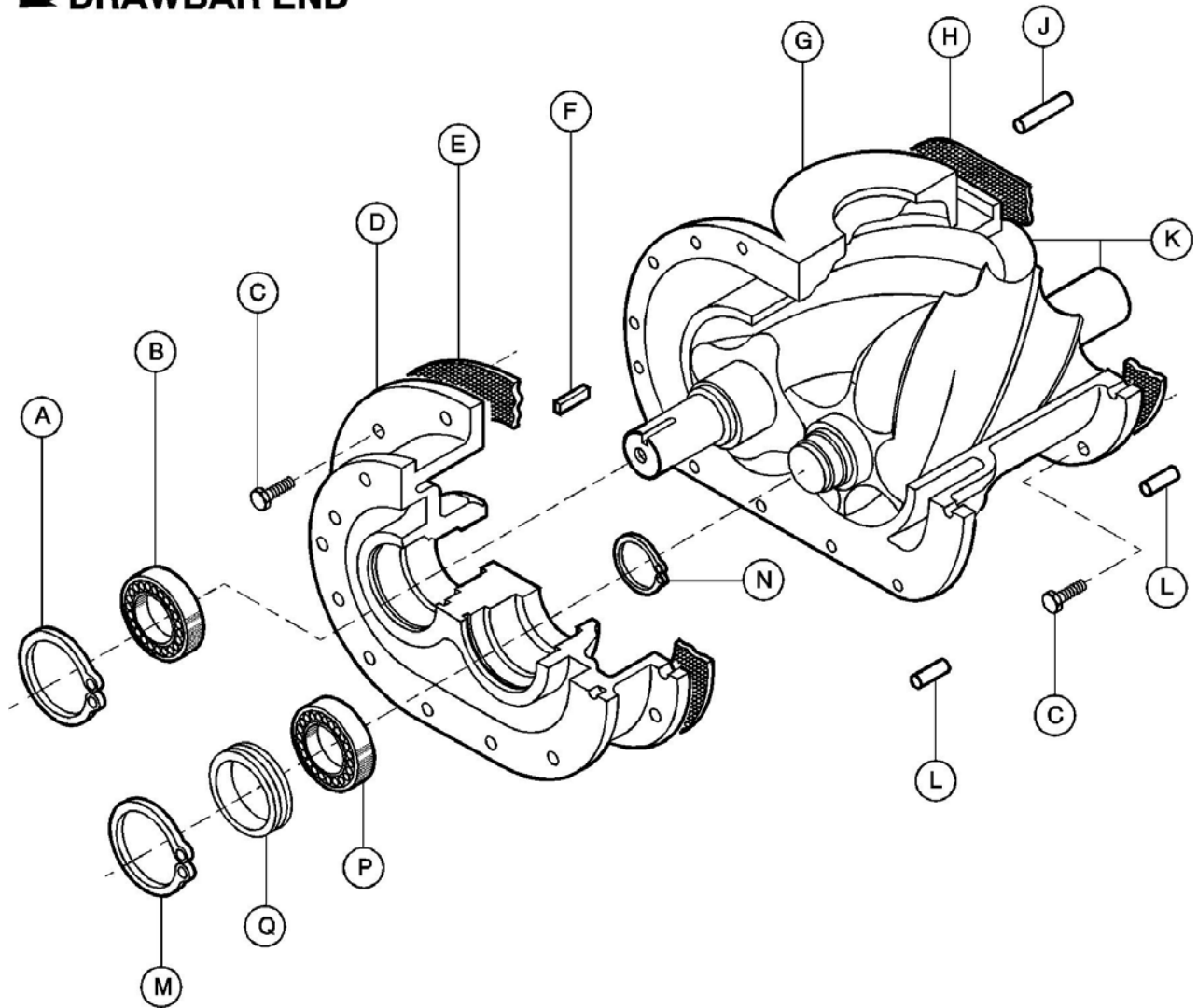


22557888_36_05/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35336304	SCREW, HEX SOCKET CAP M10-1.5 X 25	1	
P	36764785	CAP, GUIDE	1	
Q	35313568	BEARING, CYLINDRICAL ROLLER	1	
R	36764827	SHAFT, GEAR	1	
S	96704036	SCREW, HEX 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 M10-1.50 X 25	4	
X	96798346	GUARD	2	
Y	35329192	KEY	1	

AIREND ROTOR HOUSING ASSEMBLY

➡ DRAWBAR END

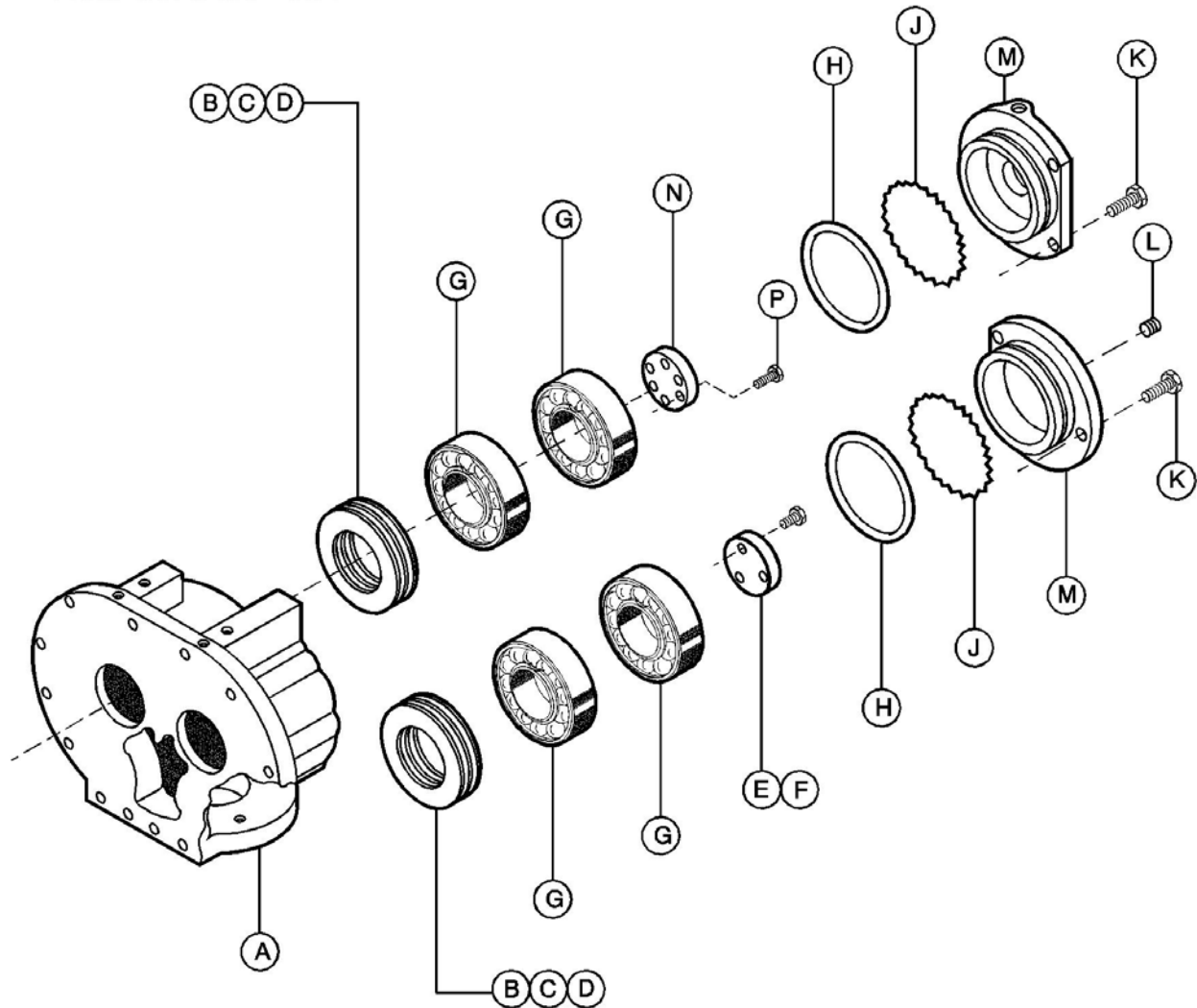


22557888_37_11/04_A

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	25	
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

➡ DRAWBAR END

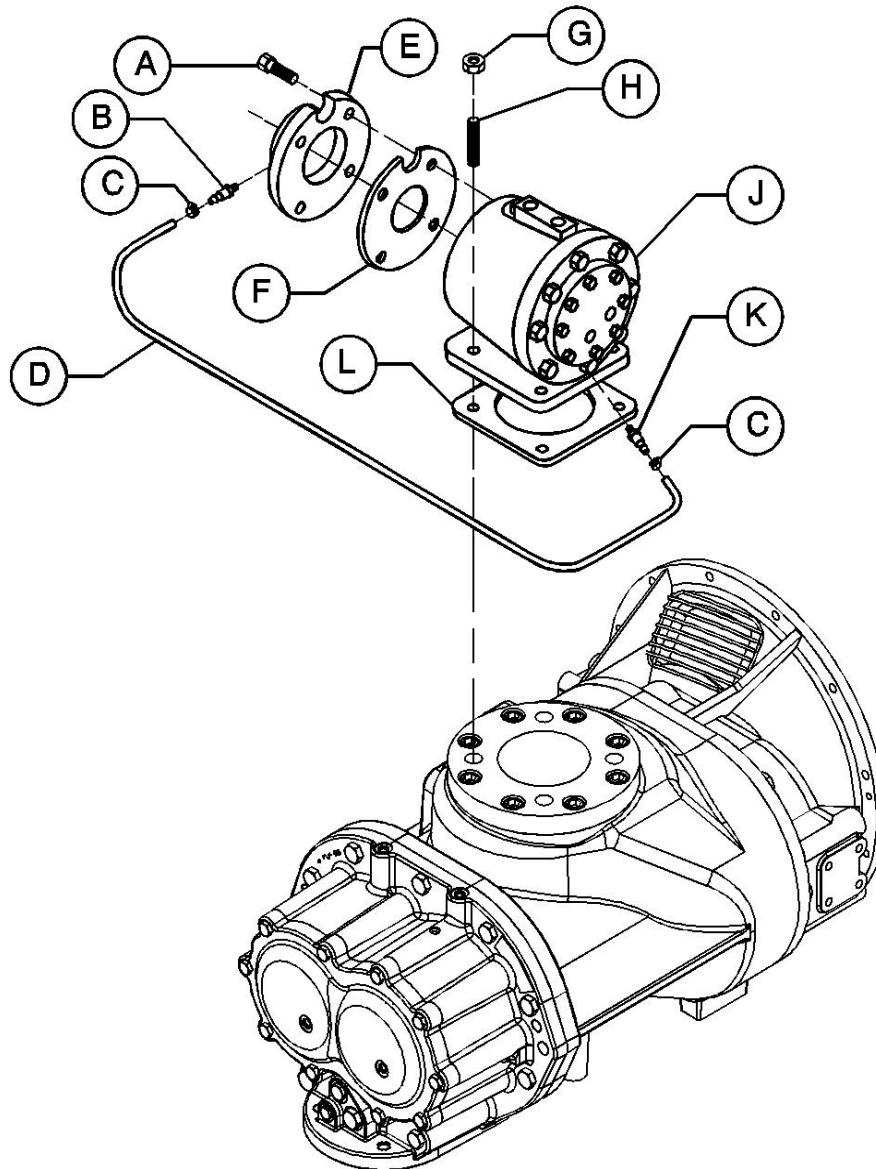


22557888_38_05/06_B

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	COVER, REAR BEARING	2	
N	39435441	PLATE, CLAMP	1	
P	95494167	SCREW, HEX SOCKET CAP 5/16-18 X 1.25"	8	
Q	30346662	WASHER, COPPER	4	

UNLOADER COMPLETE

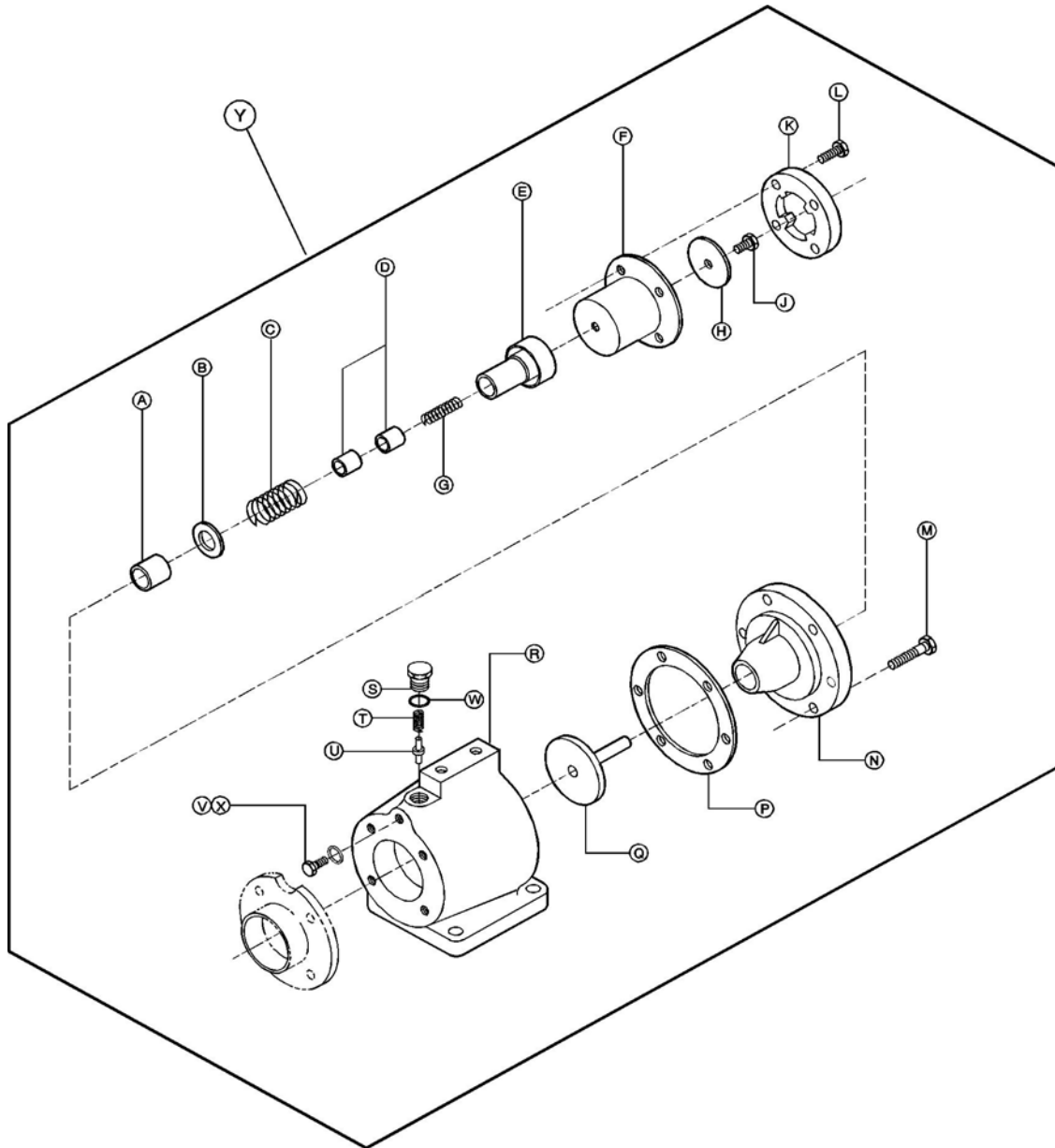
➡ DRAWBAR END



22557888_039_11/04_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	

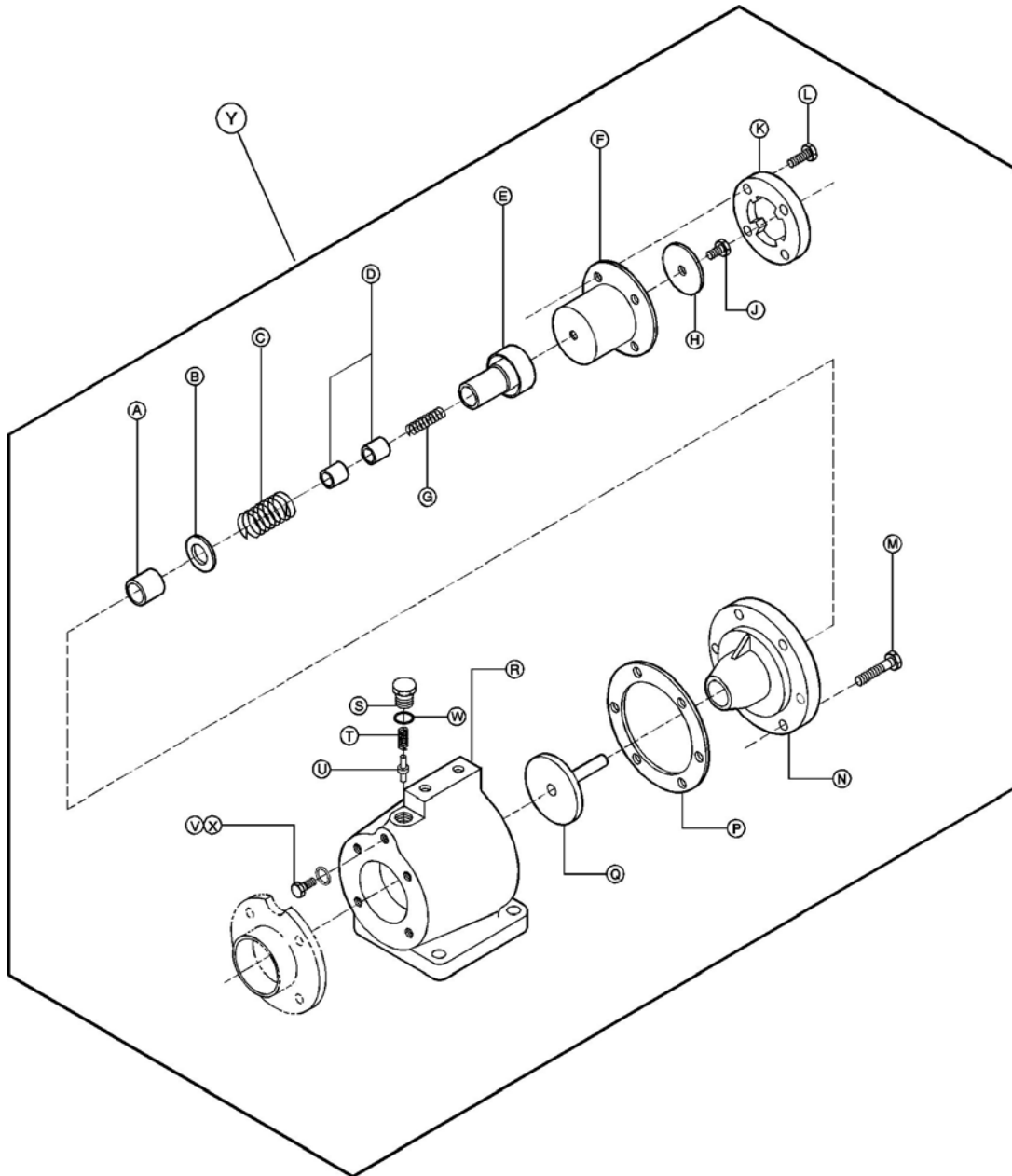
UNLOADER ASSEMBLY



22557888_040_3/05_B

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

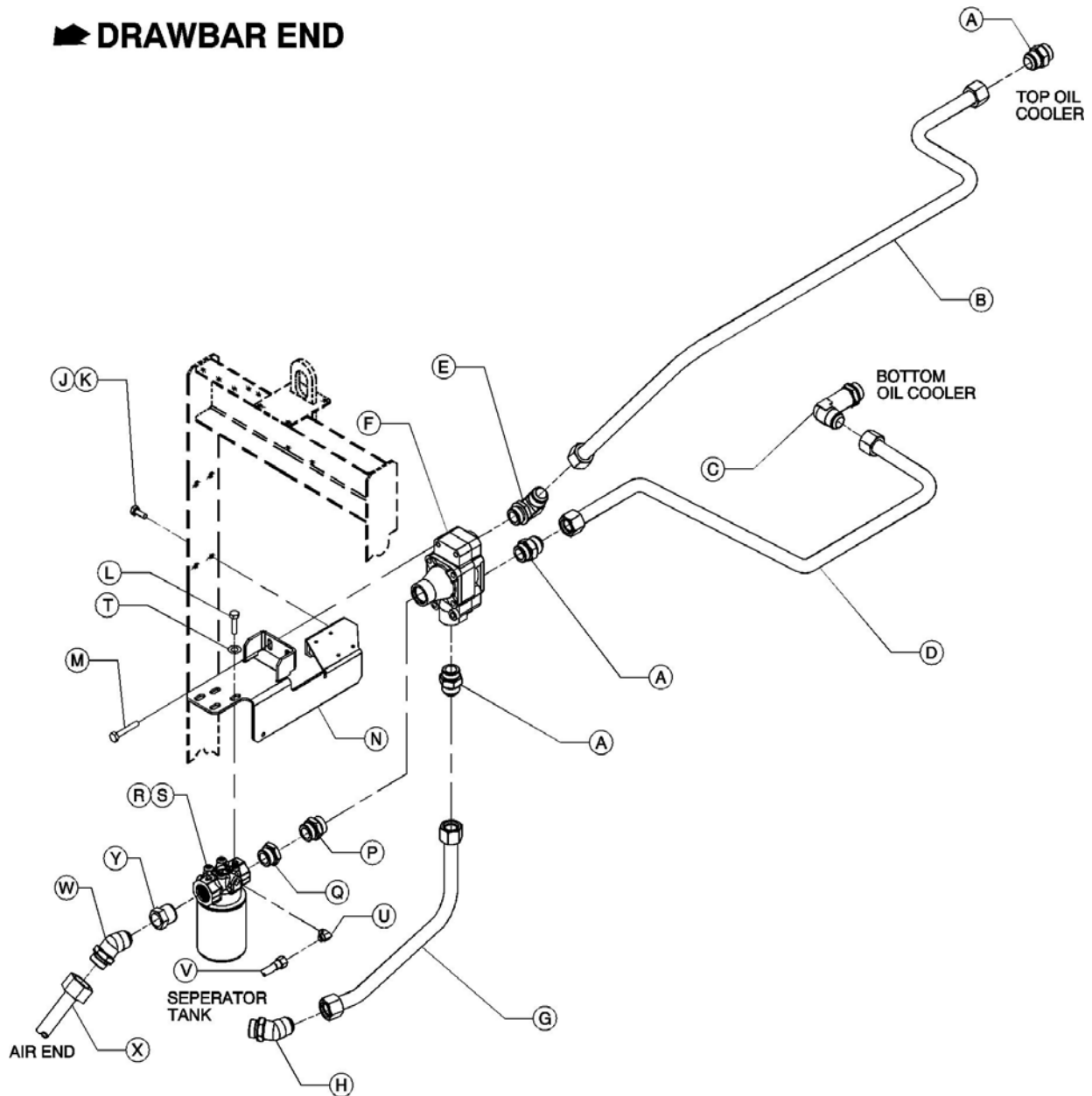


22557888_040_3/05_B

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 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	ASSY, UNLOADER VALVE	1	

OTBV / OIL FILTER MOUNTING

➡ DRAWBAR END

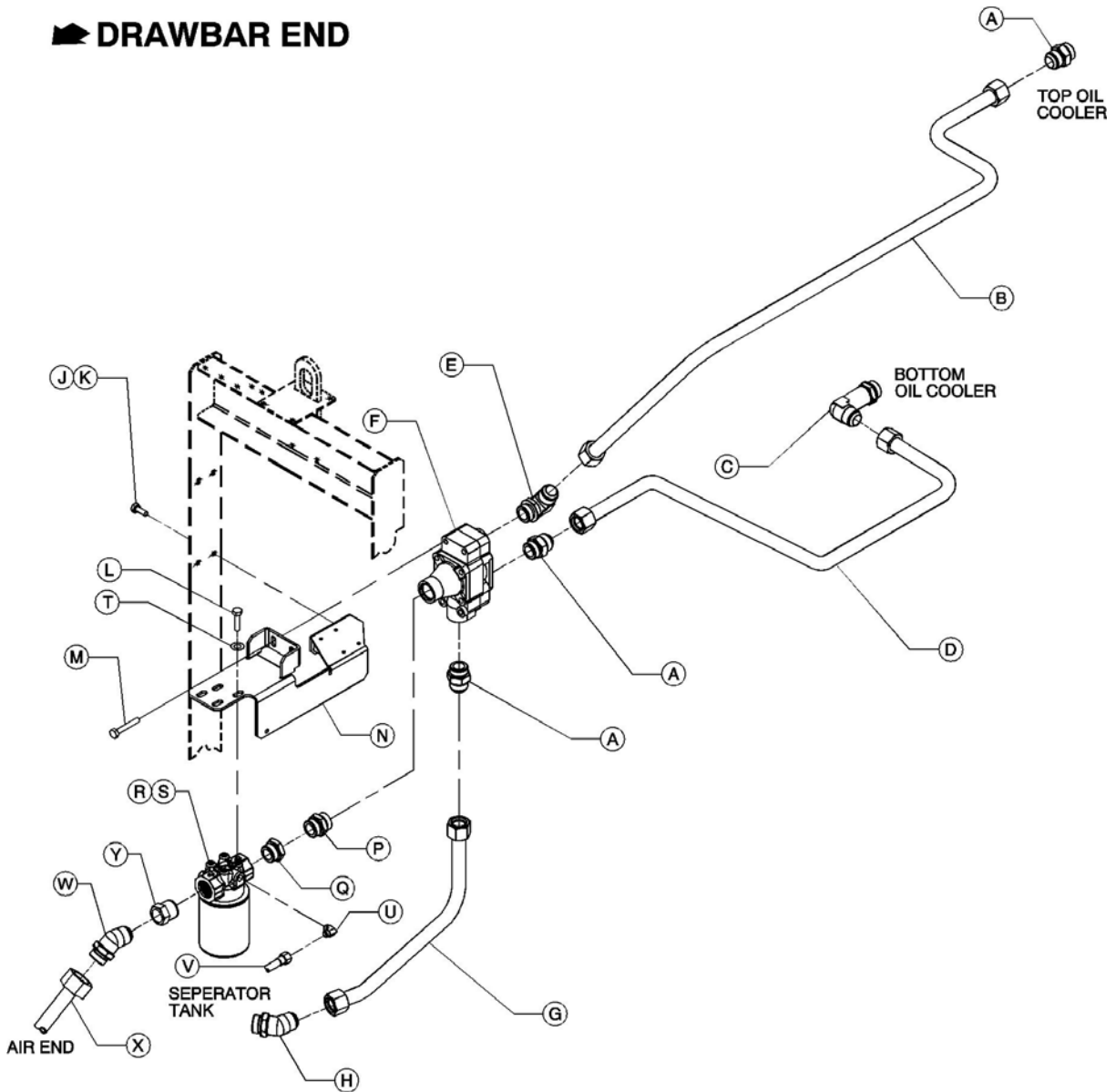


22557888_41_11/04_A

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, 90 1.31 SAE	1	
F	54414420	OTBV, 1.31 SAE	1	
G	35227909	HOSE, -16 X 25"	1	
H	95992632	ELBOW, 45 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

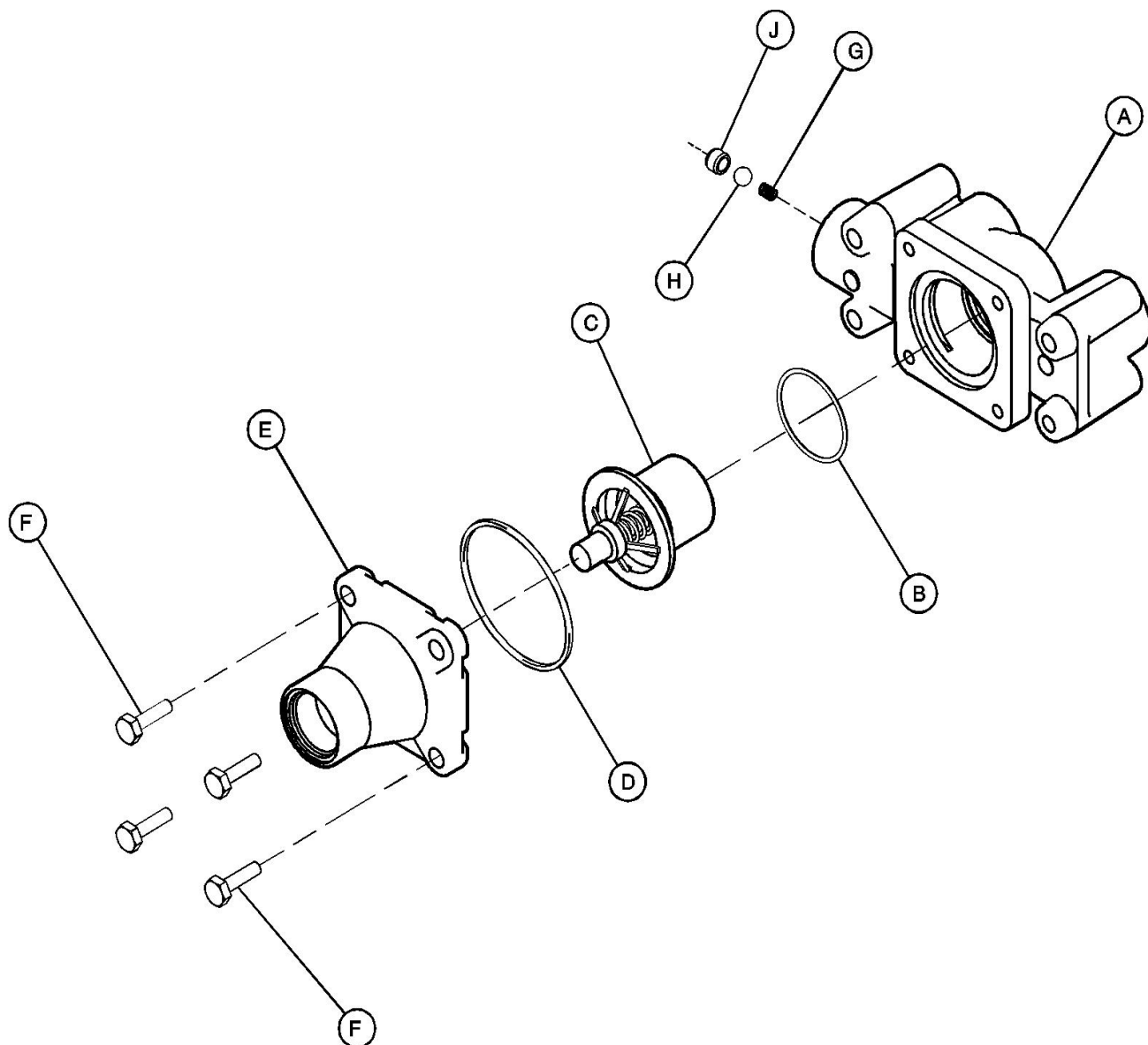
► DRAWBAR END



22557888_41_11/04_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	

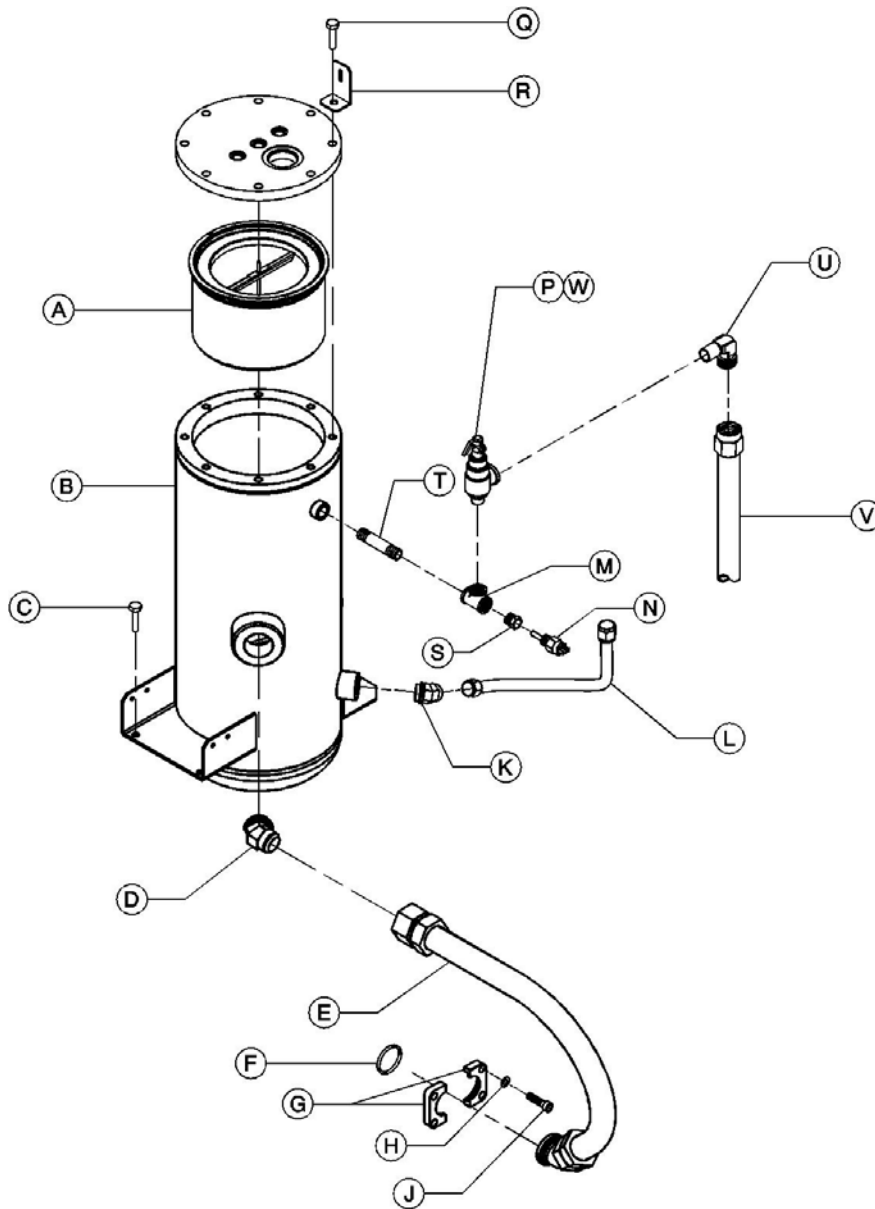
OIL TEMPERATURE BYPASS VALVE



22557888_42_11/04_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	1	
F	96702659	SCREW, HEX M08-1.25 X 25	4	
G	35379940	SPRING	1	
H	35288448	BALL	1	
J	54414677	ORIFICE, OIL	1	

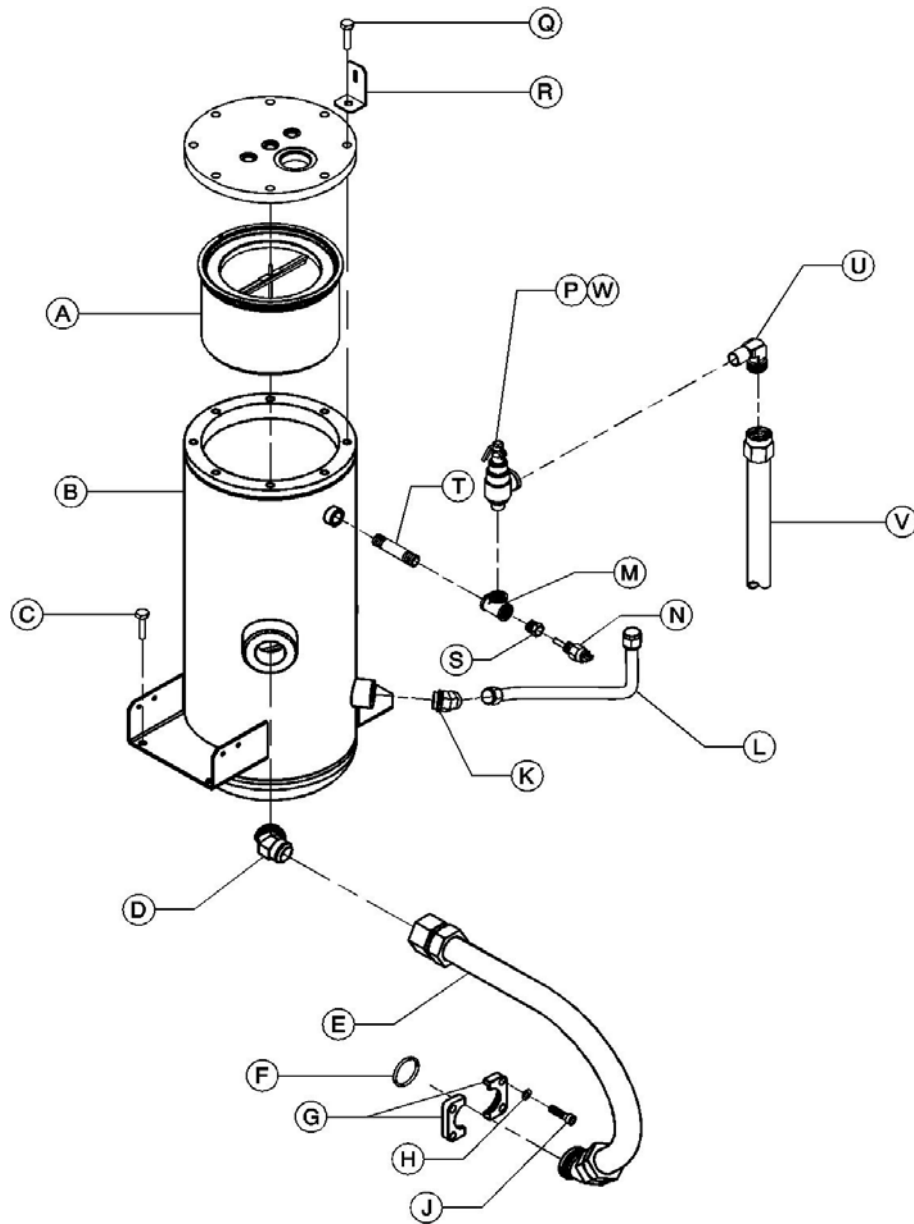
SEPARATOR TANK COMPLETE



22557888_43_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22111975	ELEMENT, SEPARATOR	1	Prior to S/N 378641 Begin w/ S/N 378641
B	22331870	TANK, SEPARATOR	1	
	22950406	TANK, SEPARATOR	1	
			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	

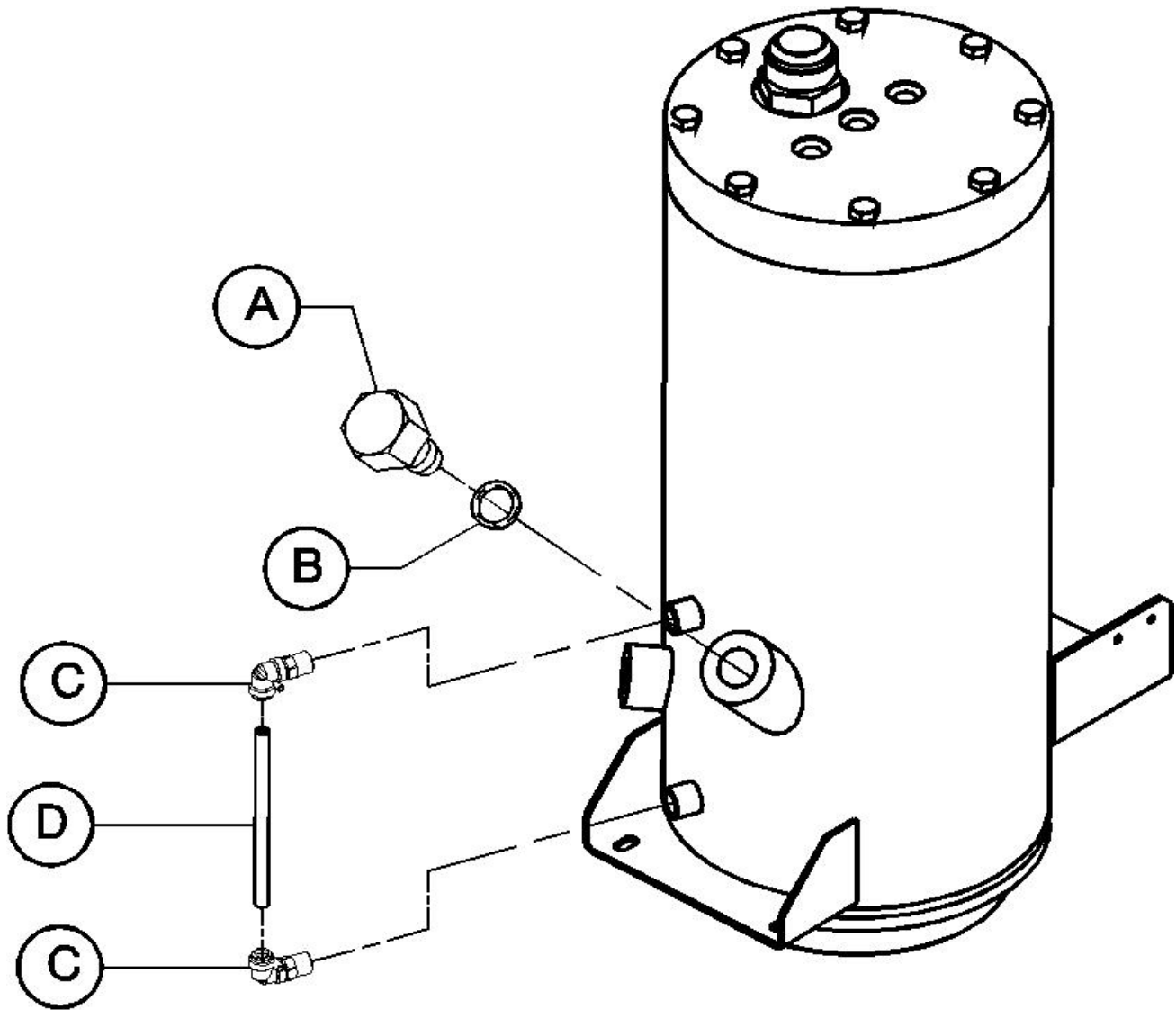
SEPARATOR TANK COMPLETE (cont'd)



22557888_43_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	95954210	TEE, 3/4 NPT	1	
N	36898922	SENSOR, TEMPERATURE	1	
P	54731435	VALVE, SAFETY 150PSI	1	(P425A)
	54731443	VALVE, SAFETY 200PSI	1	(HP375A, XP375A)
	54731450	VALVE, SAFETY 250PSI	1	(VHP300A)
Q	96727557	SCREW, HEX FLANGE M16 X 60	8	
R	36785012	BRACKET, SEPERATOR TANK LIFT	2	
S	95953949	BUSHING, REDUCING NPT 3/4 X 1/2	2	
T	95928040	NIPPLE, CLOSED 3/4 NPT	1	
U	95279410	ELBOW, 1.25 NPT X -16 JIC	1	
V	22060073	TUBE, DISCHARGE	1	
W	95049359	PLUG, 1/8NPT	1	

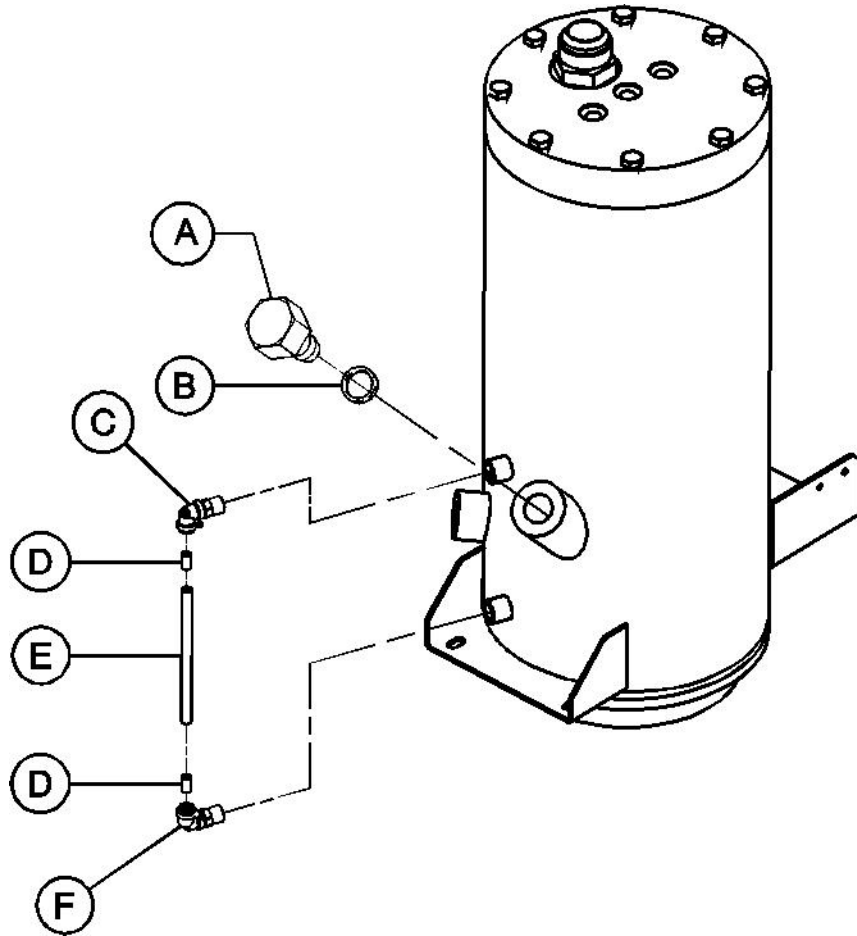
SEPARATOR TANK OIL FILL Prior to S/N 362823



22557888_44_11/04_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	

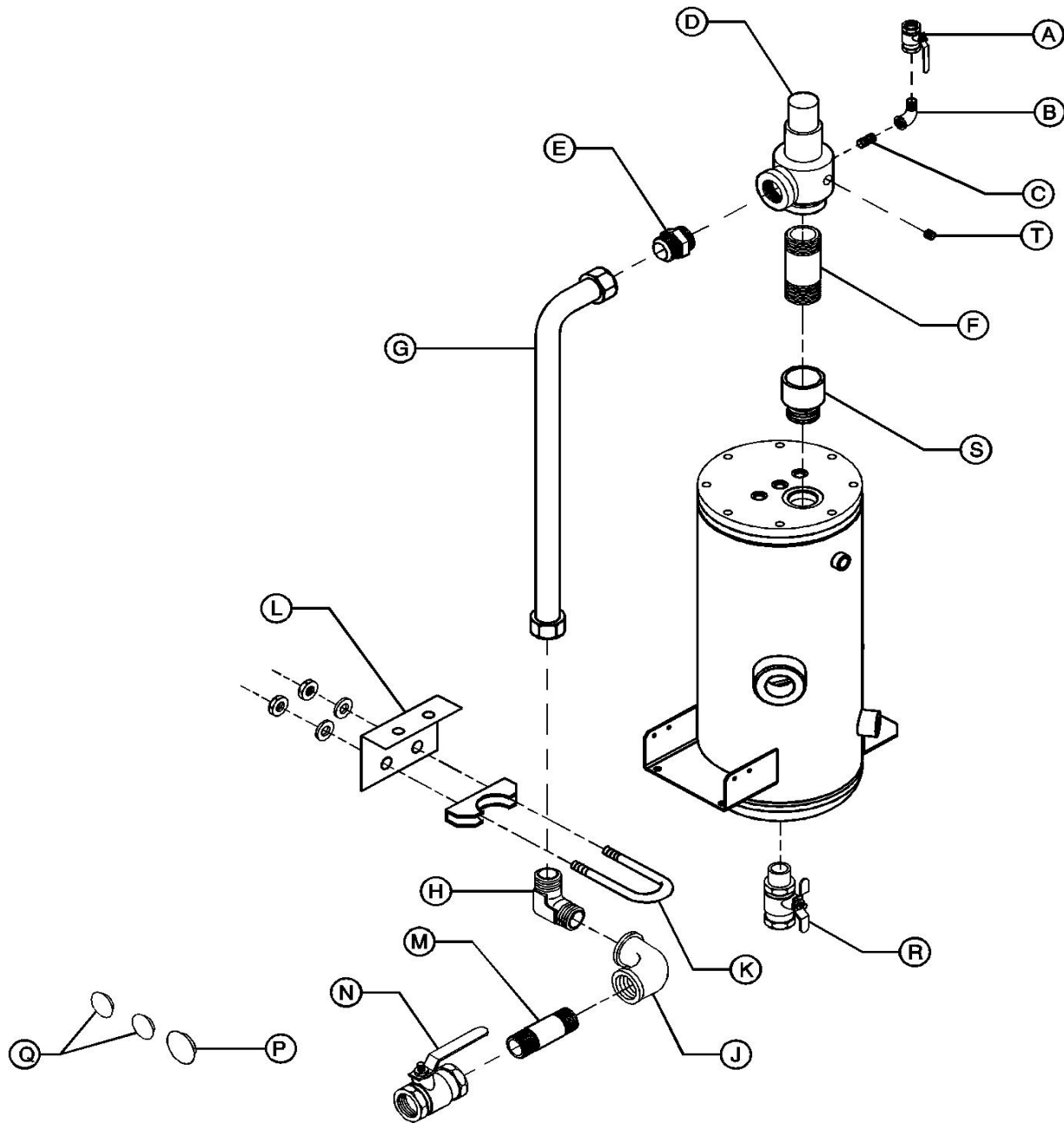
SEPARATOR TANK OIL FILL Begin w/ S/N 362823



22557888_44b_01/07_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35579630	PLUG, 1.62"	1	
B	35279942	O-RING	1	
C	22685481	ELBOW, TOP COMPRESSION	1	
D	22685507	INSERT, TUBE .25	2	
E	22685523	TUBE, SIGHT	1	
F	22685499	ELBOW, BOTTOM COMPRESSION	1	

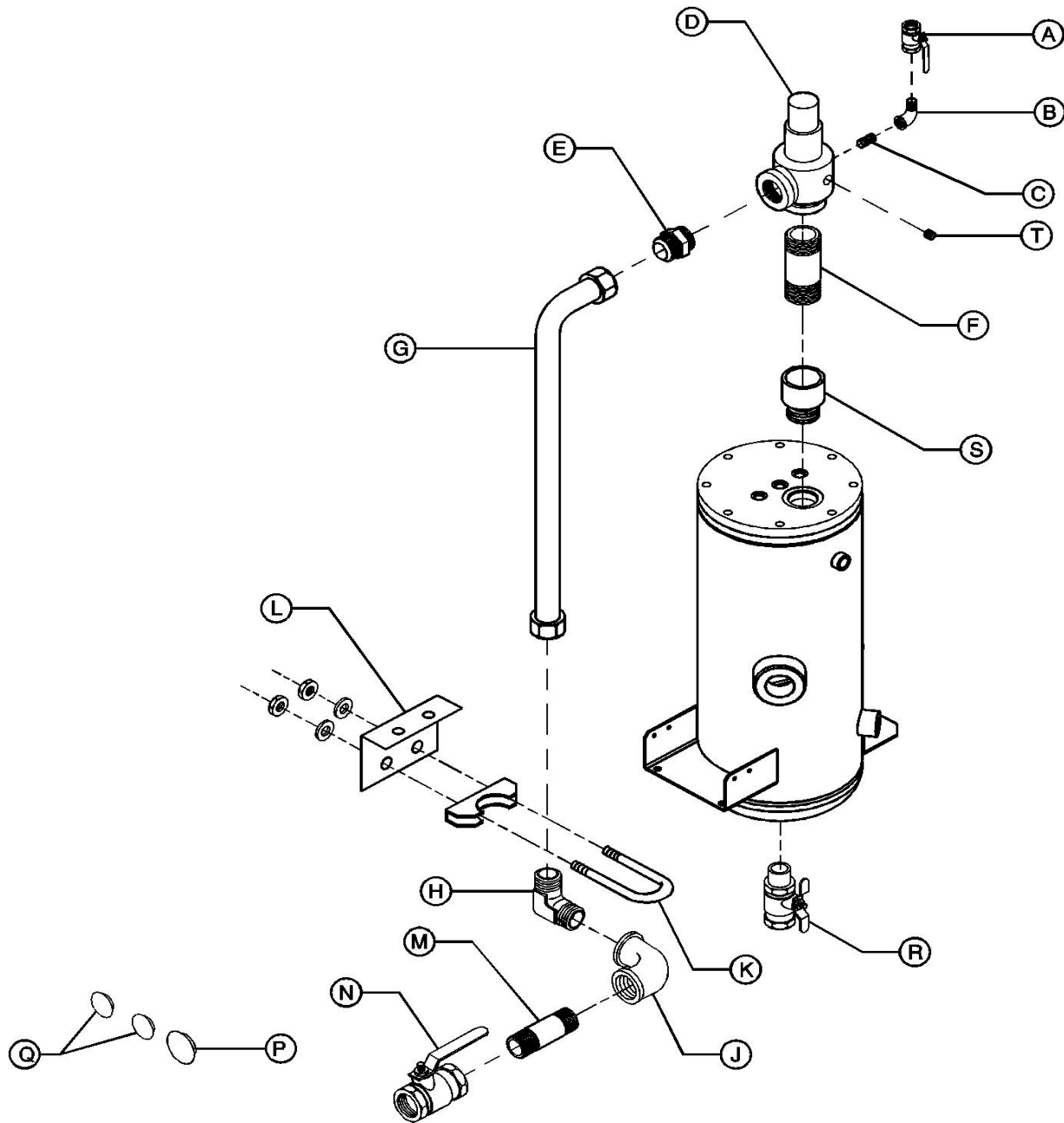
SERVICE AIR COMPLETE



22557888_45_11/04_A

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	95208682	ADAPTER, 1.50 NPT X 1.50	1	
F	95242996	NIPPLE, 1.50 X 2.00 LG	1	
G	54698675	TUBE, SERVICE	1	
H	95279477	ELBOW,, 1.25 NPT X -24 JIC	1	
J	95928024	ELBOW, REDUCING 1.50 X 1.25	1	
K	35209048	CLAMP, SADDLE	1	

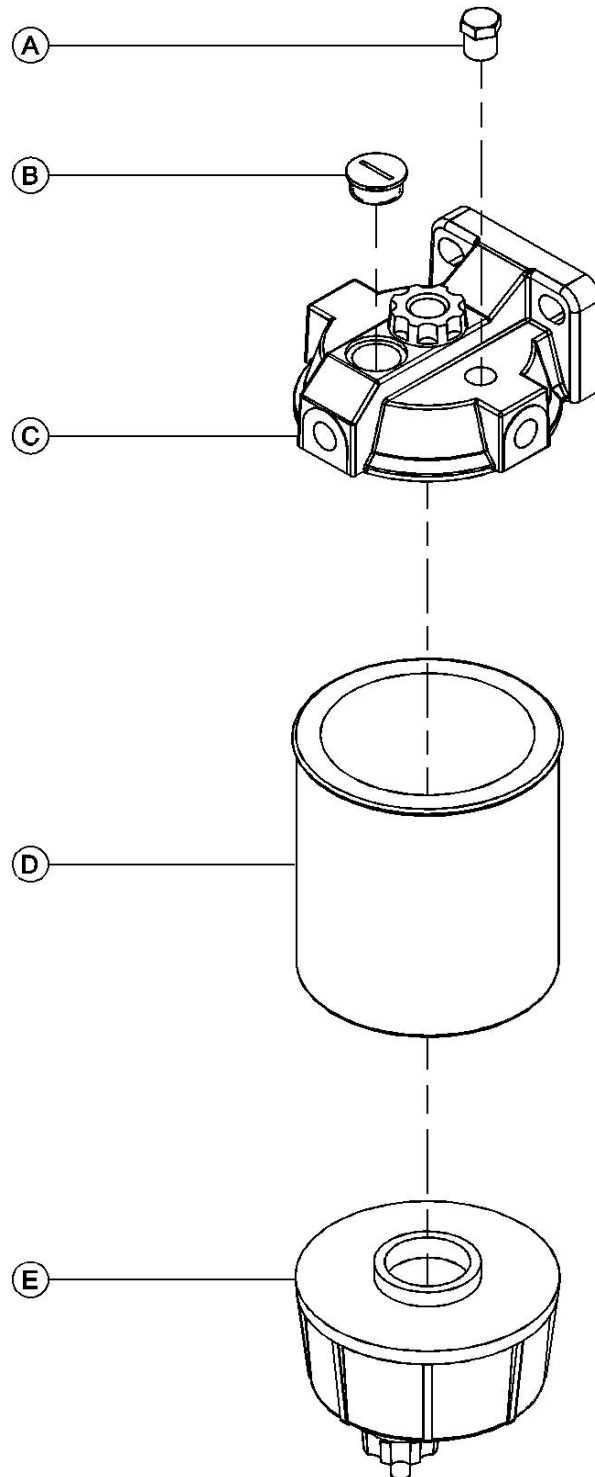
SERVICE AIR COMPLETE



22557888_45_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	54761648	SUPPORT, SERVICE PIPE	1	
M	95953758	NIPPLE, PIPE 1.25 NPT X 4.5	1	
N	35612126	VALVE, BALL 1.25 NPT	1	
P	35310622	PLUG, HOLE 2.0	1	
Q	35285543	PLUG, HOLE 1.50	2	
R	36795680	VALVE, BALL .75 NPT X 1.062-12 UNF	1	
S	95741088	ADAPTER, FEMALE	1	
T	95928230	PLUG, HEX COUNTERSINK 1/4 NPT	1	

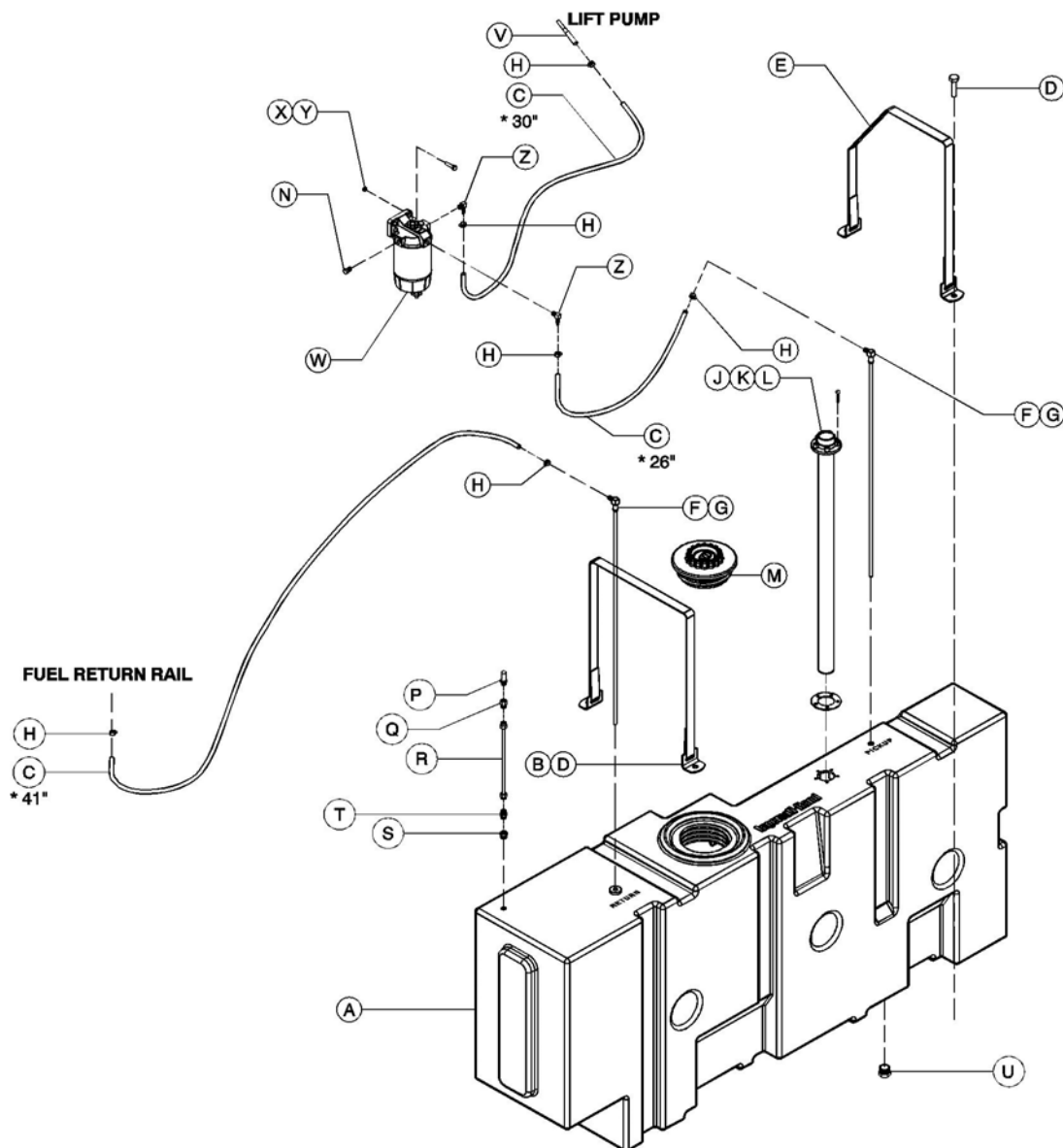
FUEL / WATER SEPARATOR



22557888_46_11/04_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	

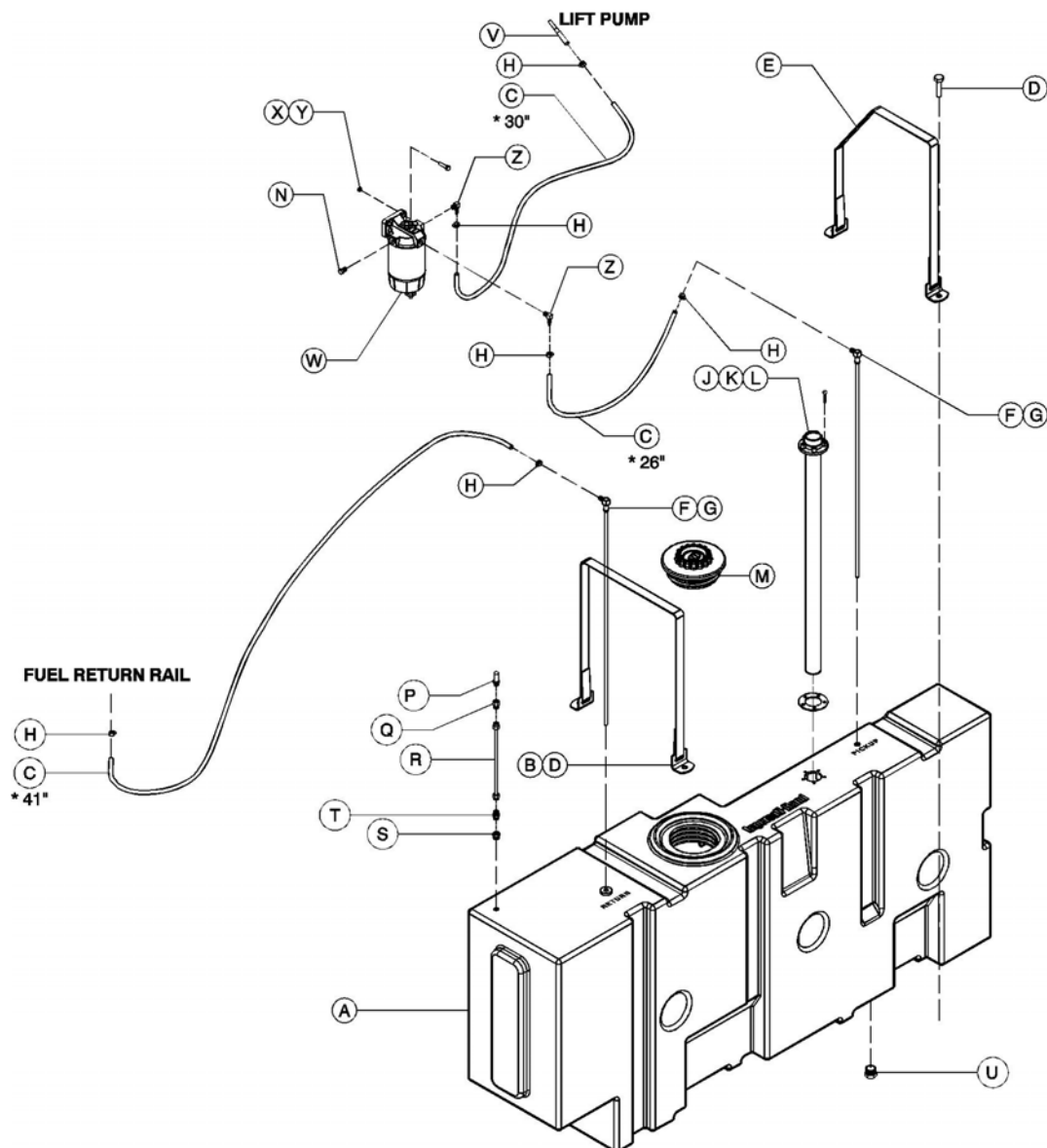
FUEL TANK COMPLETE



22557888_47_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54633938	TANK, FUEL	1	
B	54720727	STRAP, FUEL TANK	1	
C	35363498	HOSE, .31 FUEL	*	
D	35271170	SCREW, TAPPING M08-1.25 X 40	4	
E	54721170	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	

FUEL TANK COMPLETE

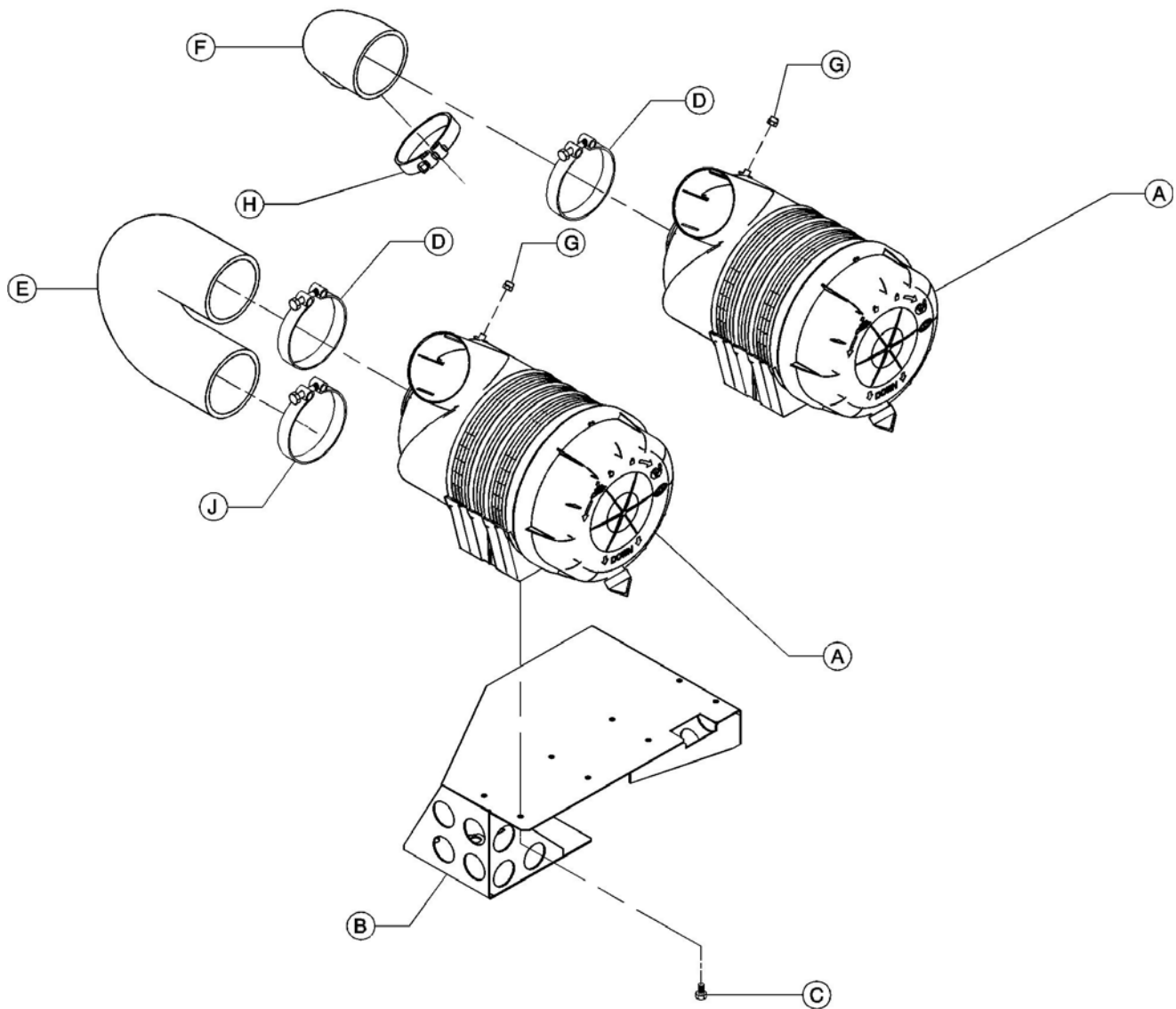


22557888_47_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	54660089	CAP, FUEL	1	
N	95928230	PLUG, HEX COUNTERSINK 1/4 NPT	1	
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	

AIR INTAKE COMPLETE

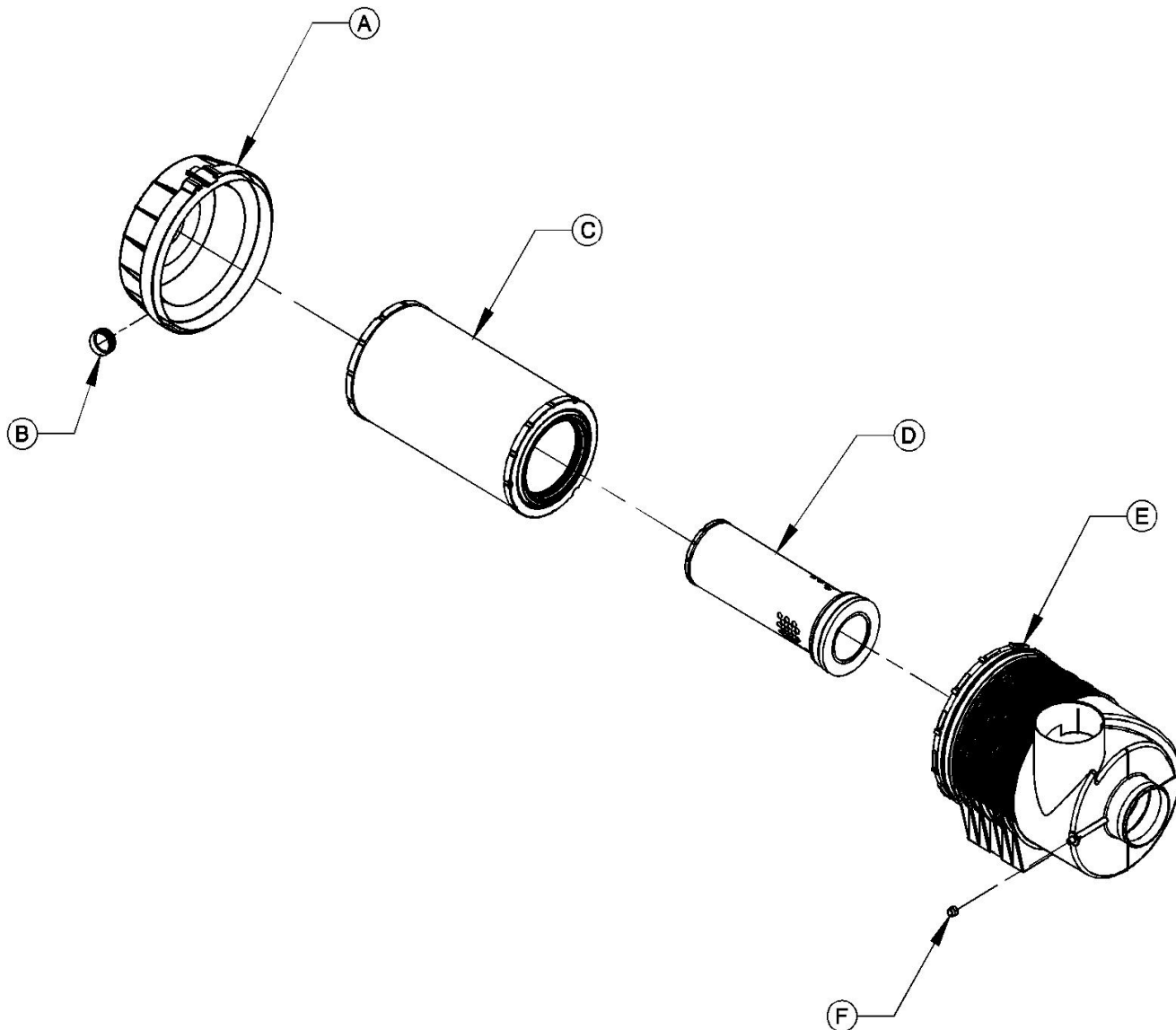
➡ DRAWBAR END



22557888_48_11/04_A

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

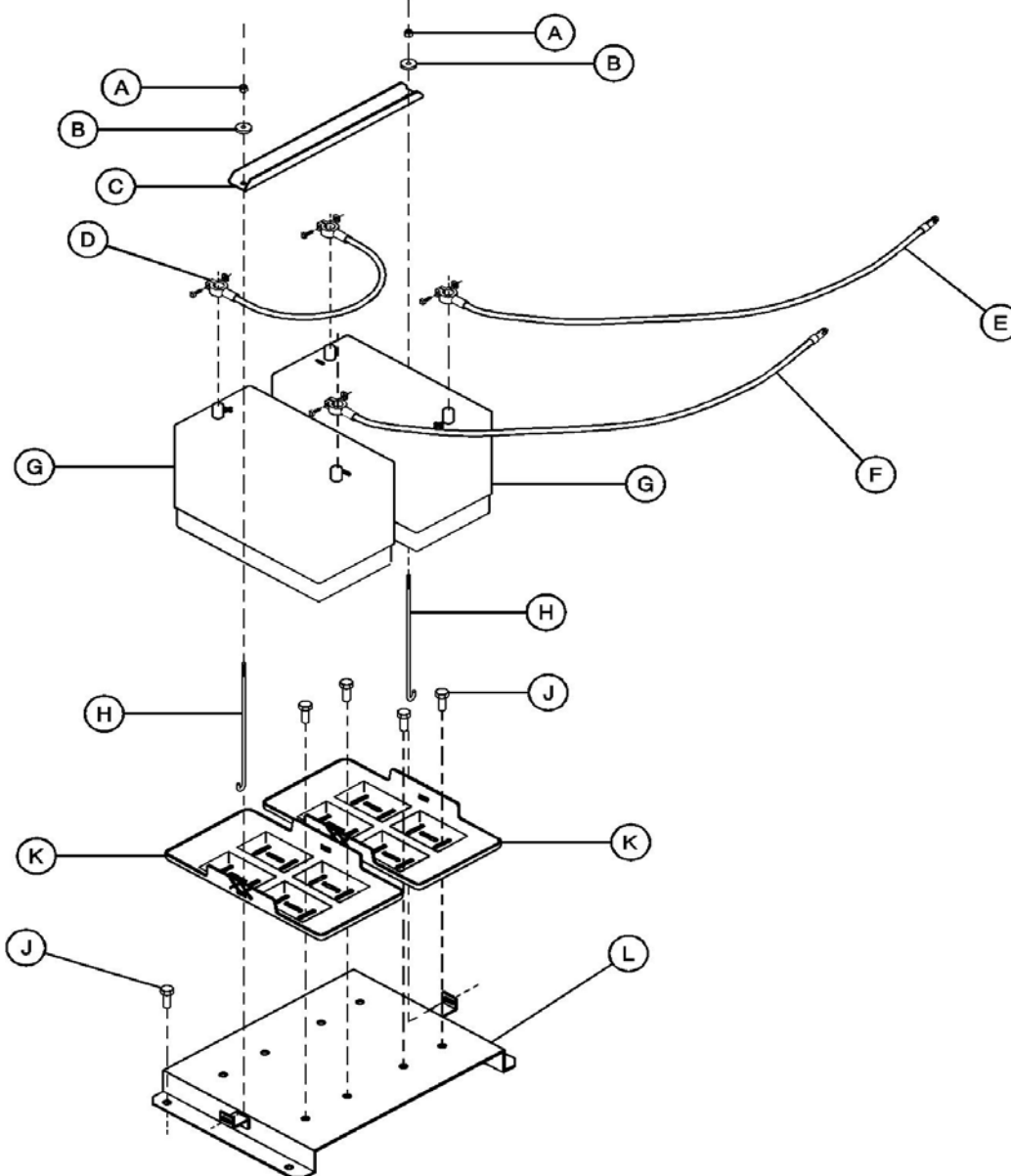


22557888_49_11/04_A

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

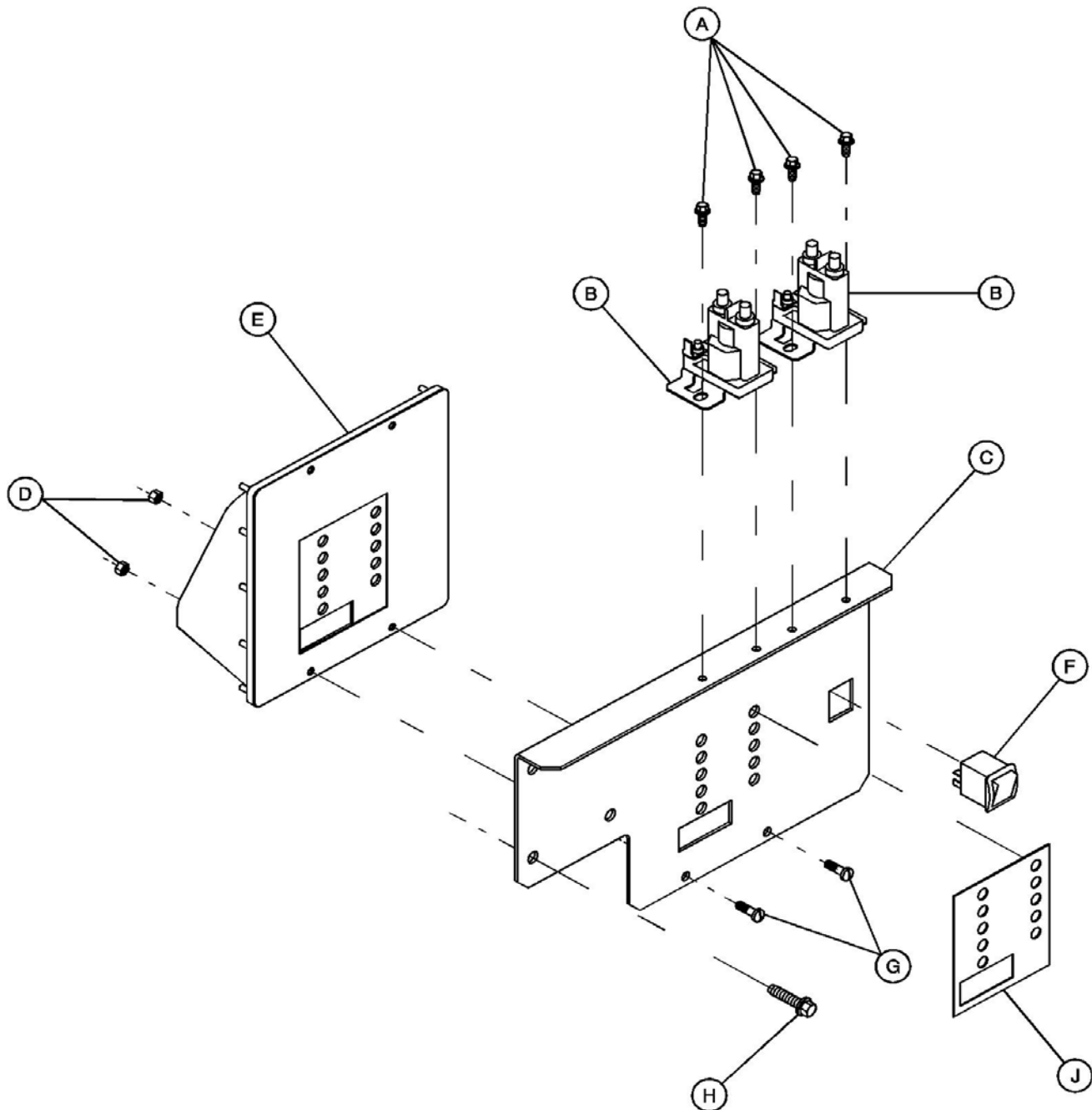
➡ DRAWBAR END



22557888_50_11/04_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	35610856	CABLE, NEGATIVE BATTERY	1	
G	36844975	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	

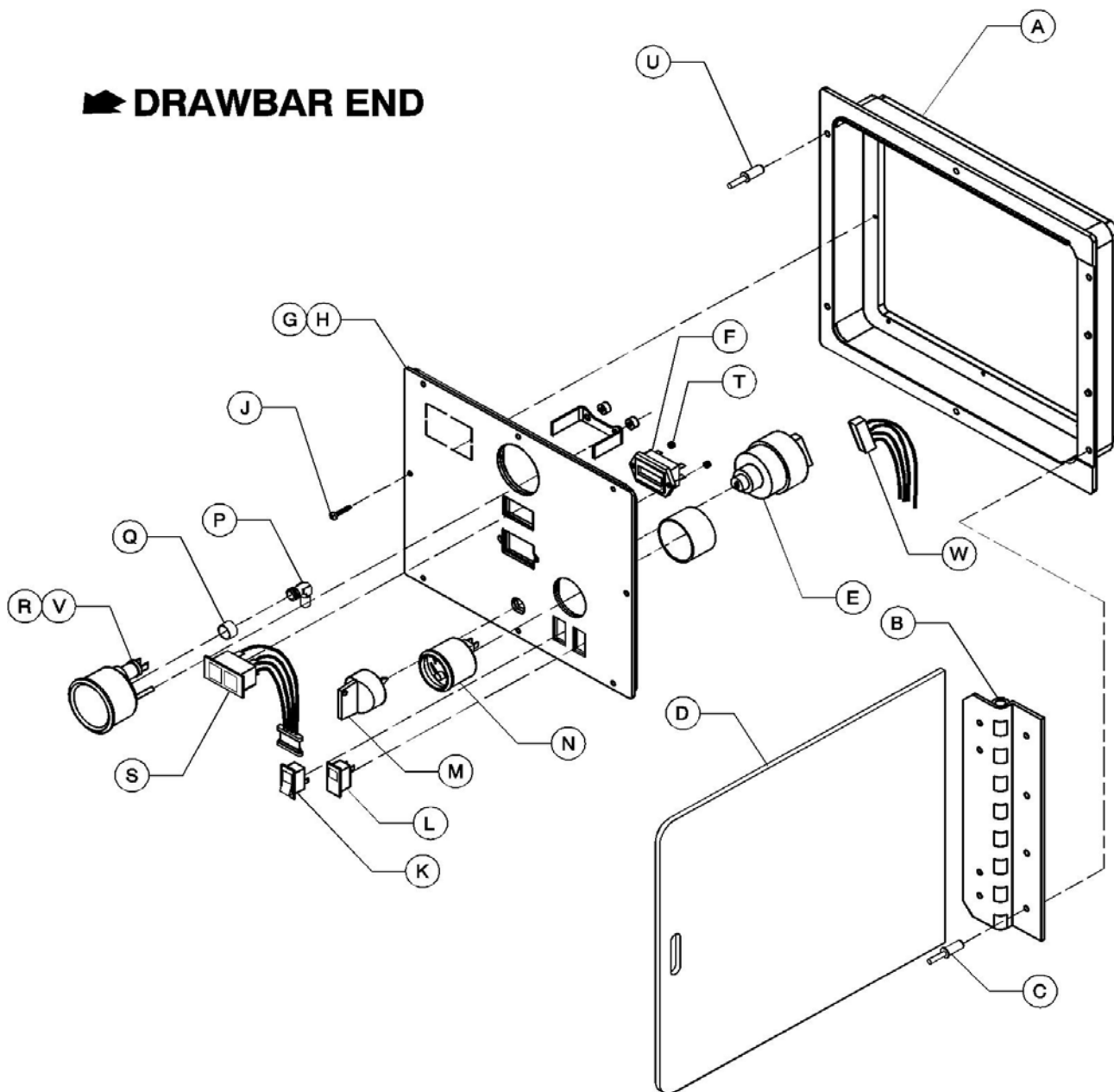
WEDGE CONTROLLER



22557888_51_11/04_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	

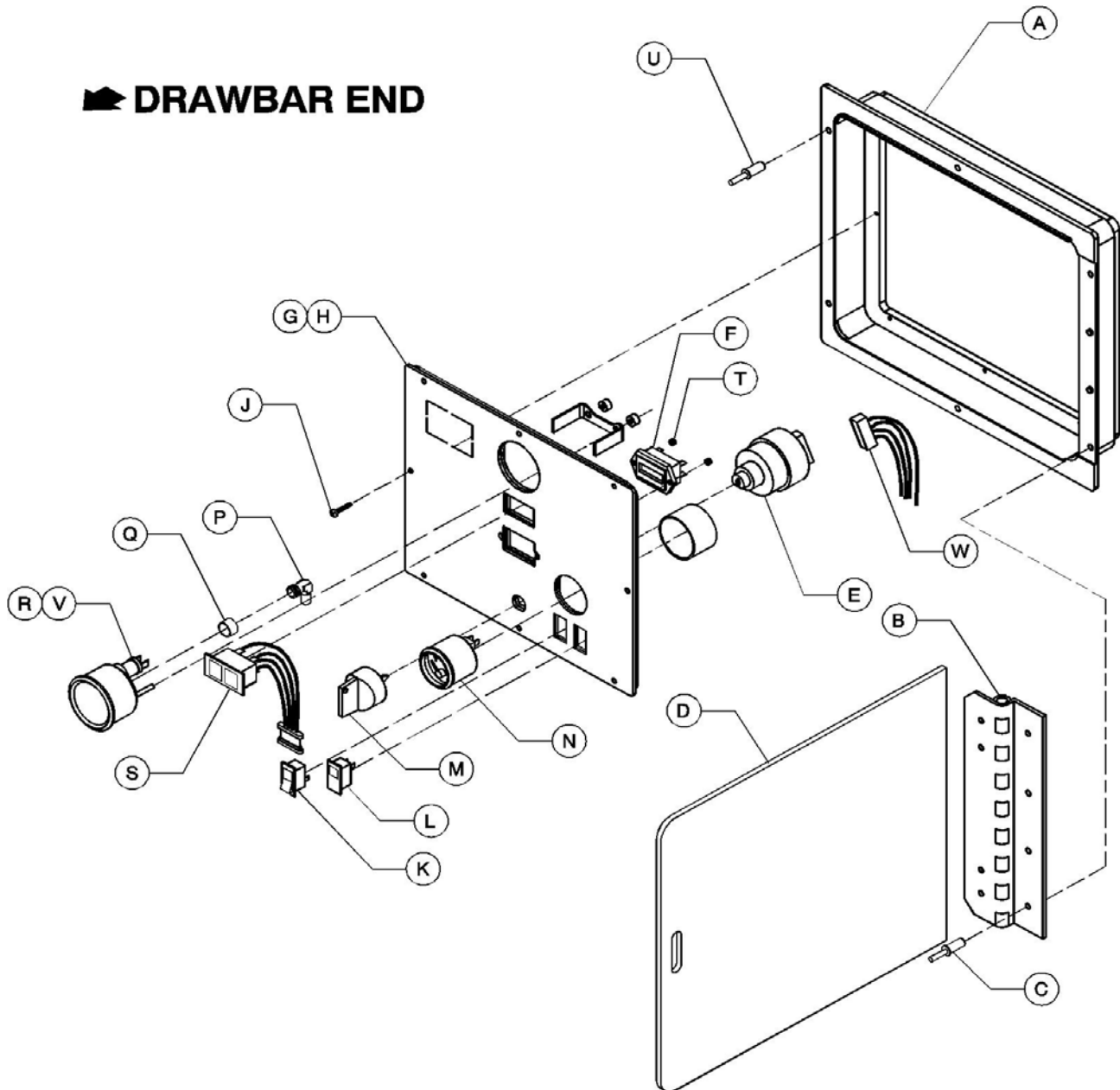
INSTRUMENT / CONTROL PANEL PRIOR to S/N 373577



22557888_52_11/04_A

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	

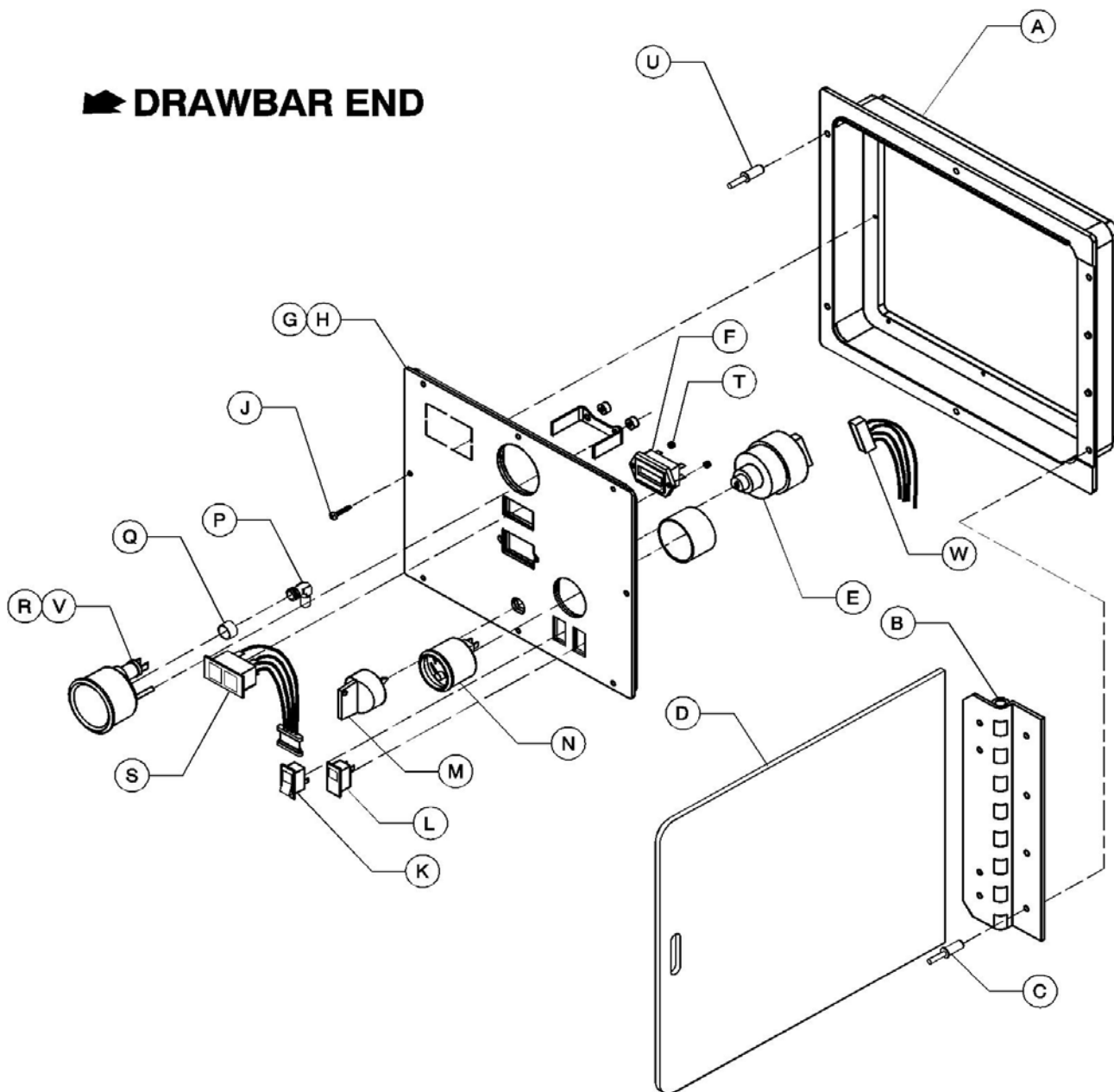
INSTRUMENT / CONTROL PANEL PRIOR to S/N 373577 (cont'd)



22557888_52_11/04_A

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	1	
W	22205223	HARNESS, WIRING JUMPER	1	

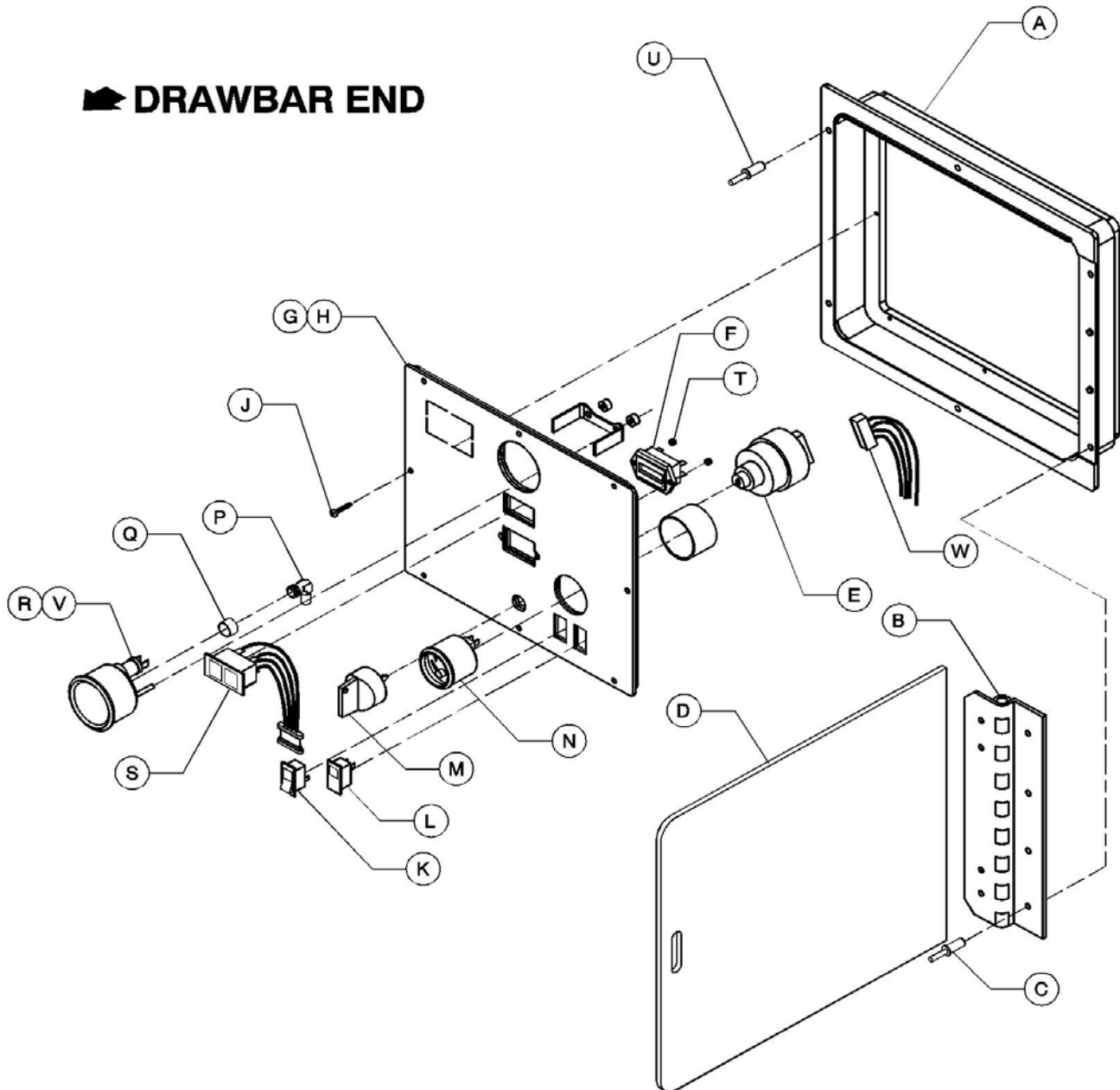
INSTRUMENT / CONTROL PANEL BEGIN with S/N 373577



22557888_52_11/04_A

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	

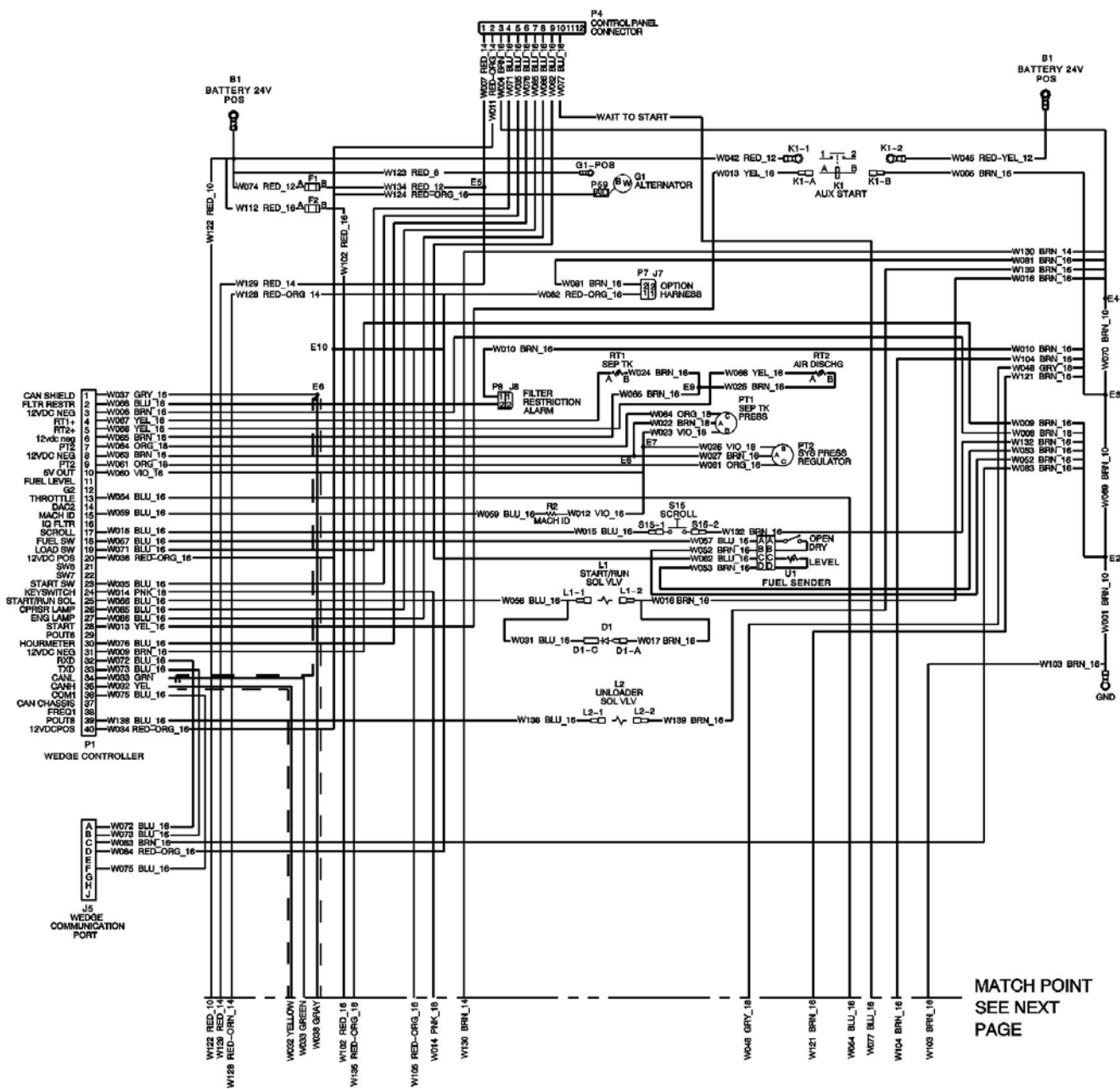
INSTRUMENT / CONTROL PANEL BEGIN with S/N 373577 (cont'd)



22557888_52_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	22134118	KNOB, NON-REMOVABLE KEY	1	
N	22692602	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	1	
W	22835680	HARNESS, WIRING JUMPER	1	

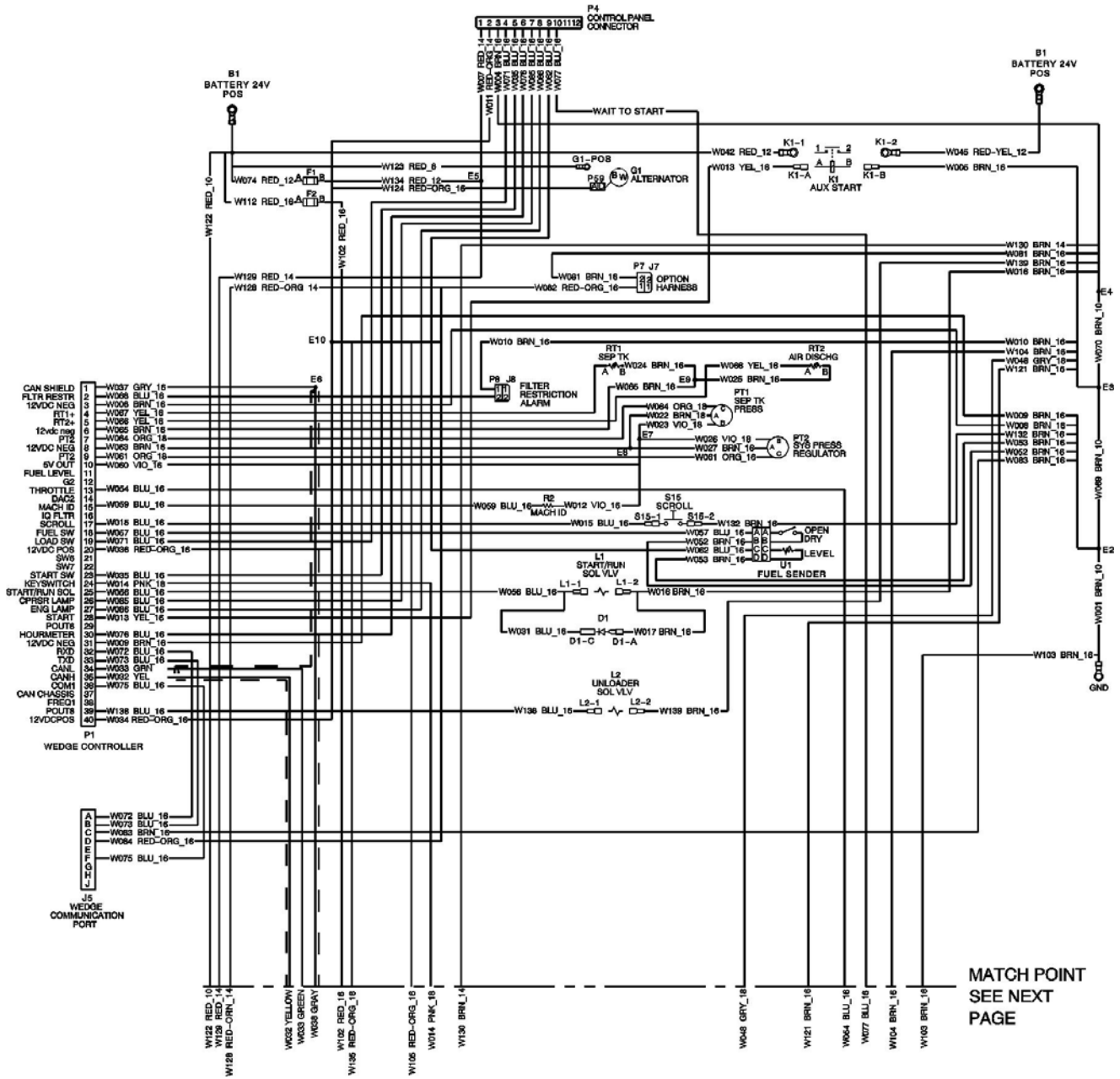
WIRING DIAGRAM



22557888_53_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
B1	36844975	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 SQL		
				(P600, 7/170)

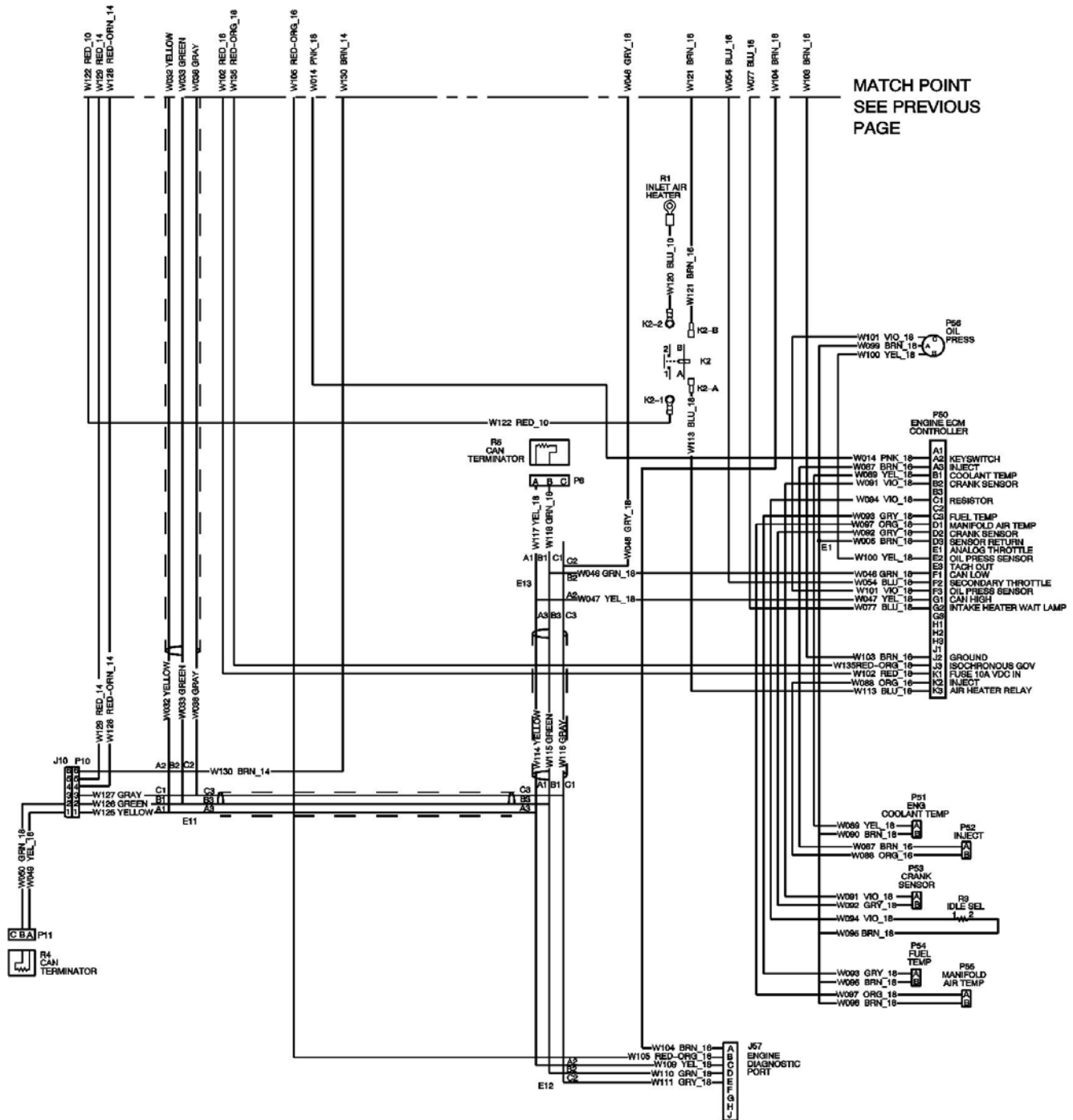
WIRING DIAGRAM (cont'd)



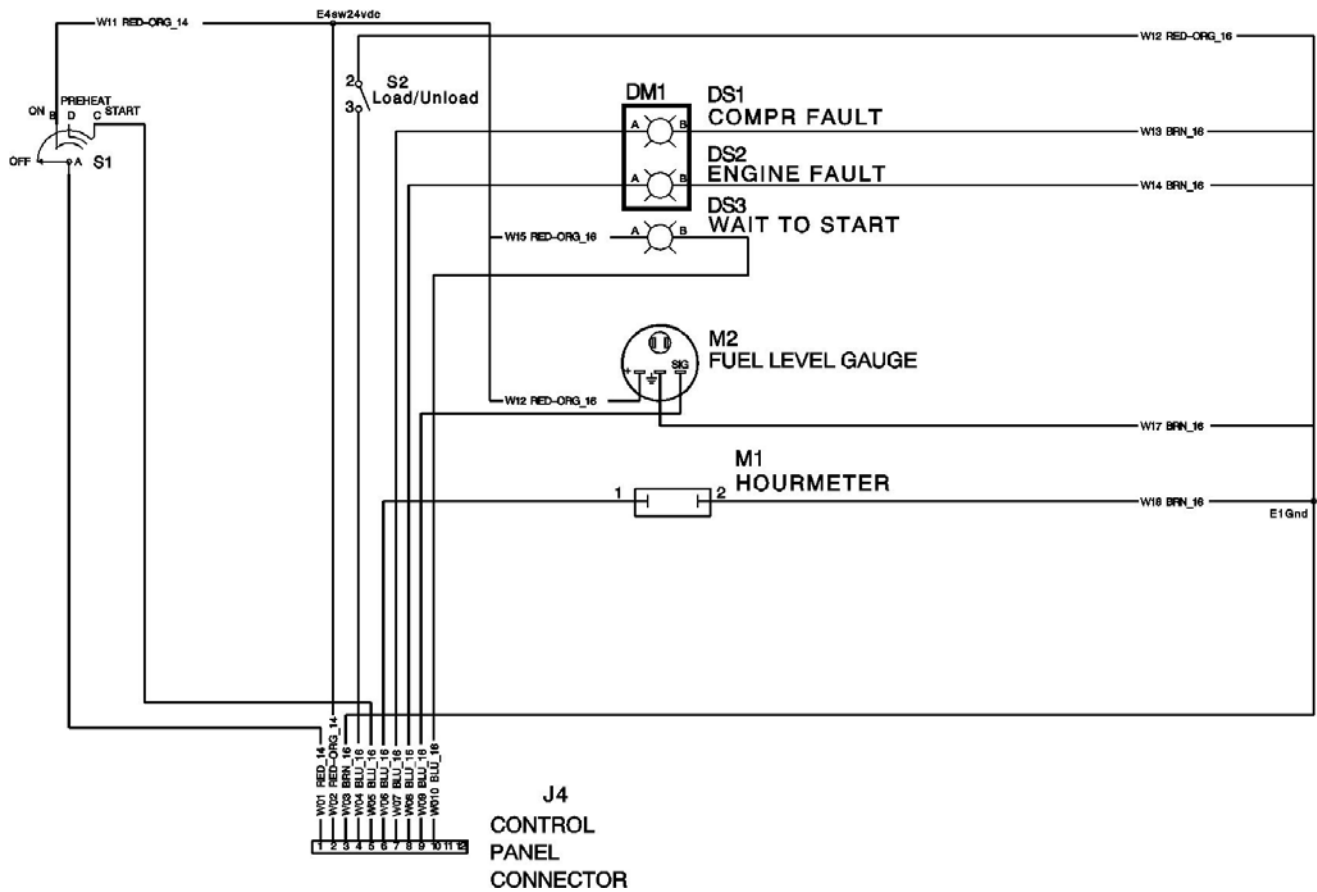
22557888_53_11/04_A

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)



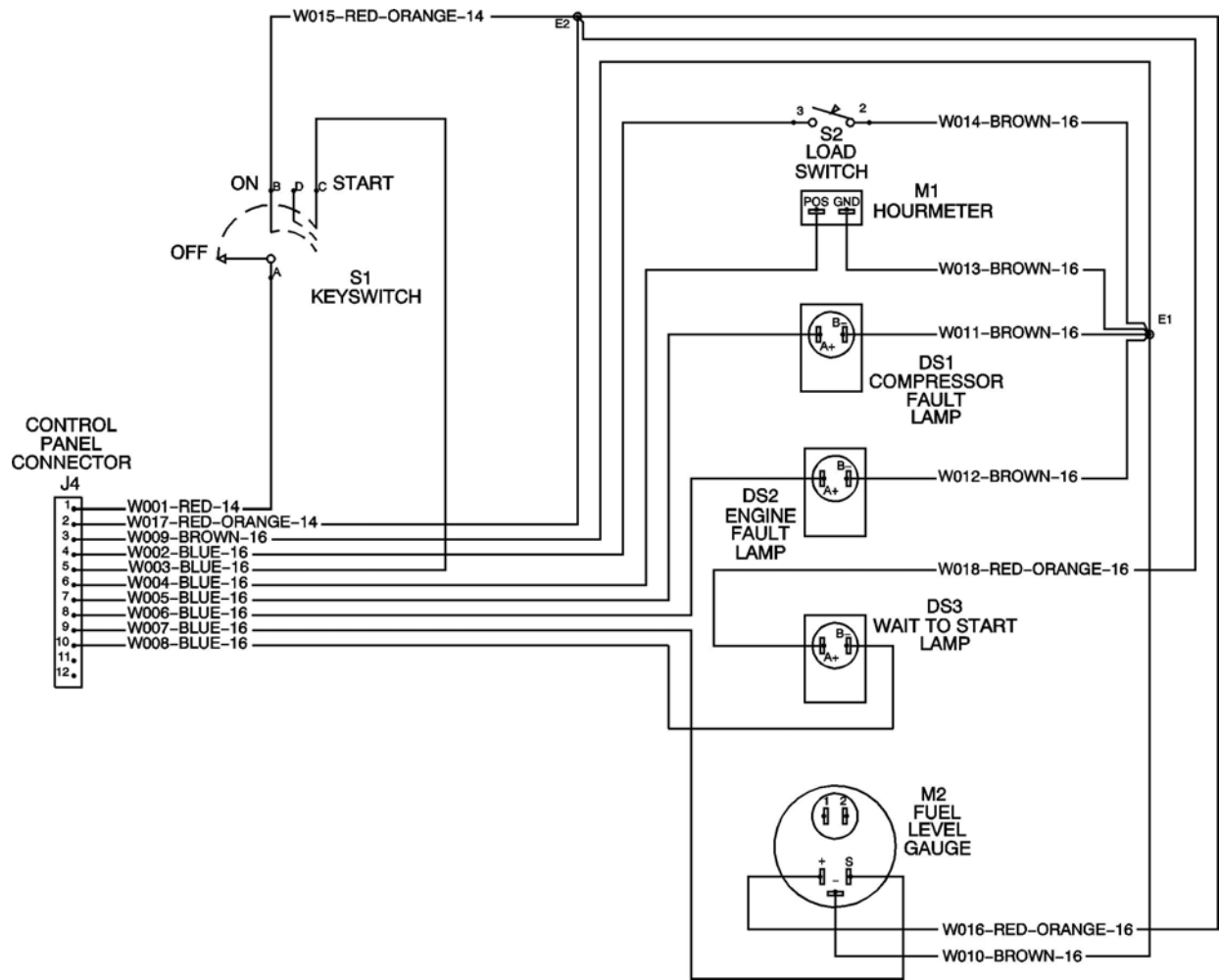
PANEL SCHEMATIC PRIOR to S/N 373577



22557888_55a_11/04_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		

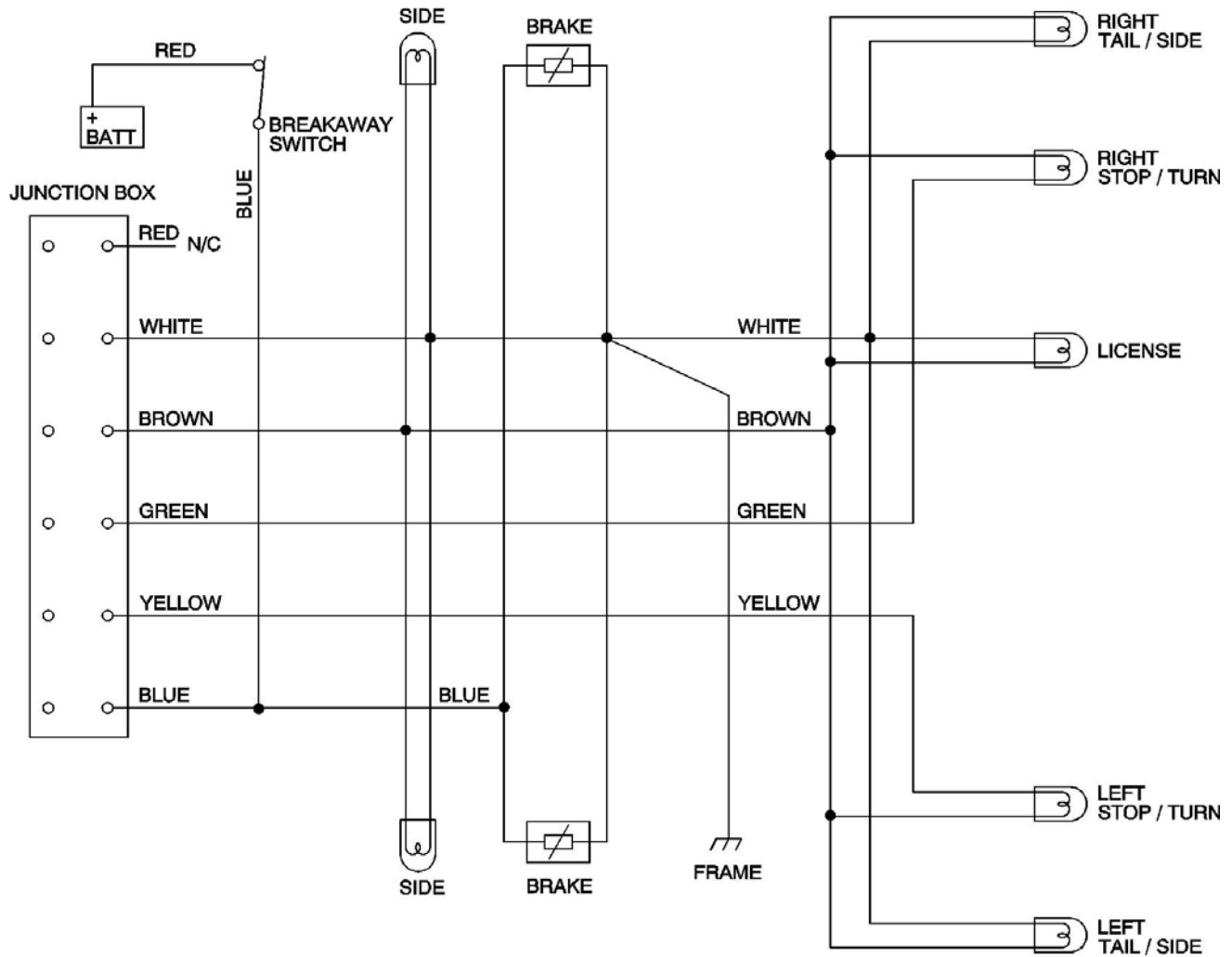
PANEL SCHEMATIC BEGIN with S/N 373577



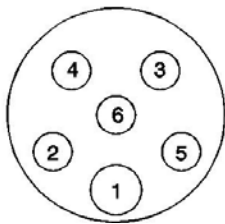
22557888_55b_08/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DM1	22172423	MODULE, 2-LIGHT WARNING		
DS3	22050553	LIGHT, WARNING (WAIT TO START)		
M1	22054175	HOURLMETER		
M2	22692602	GAUGE, FUEL LEVEL		
S1	22127385	SWITCH, START		
S2	22054076	SWITCH, ROCKER (LOAD/UNLOAD)		
W1	22835680	HARNESS, PANEL WIRING		

TAIL LIGHT WIRING DIAGRAM



PLUG / SOCKET WIRING CONNECTIONS

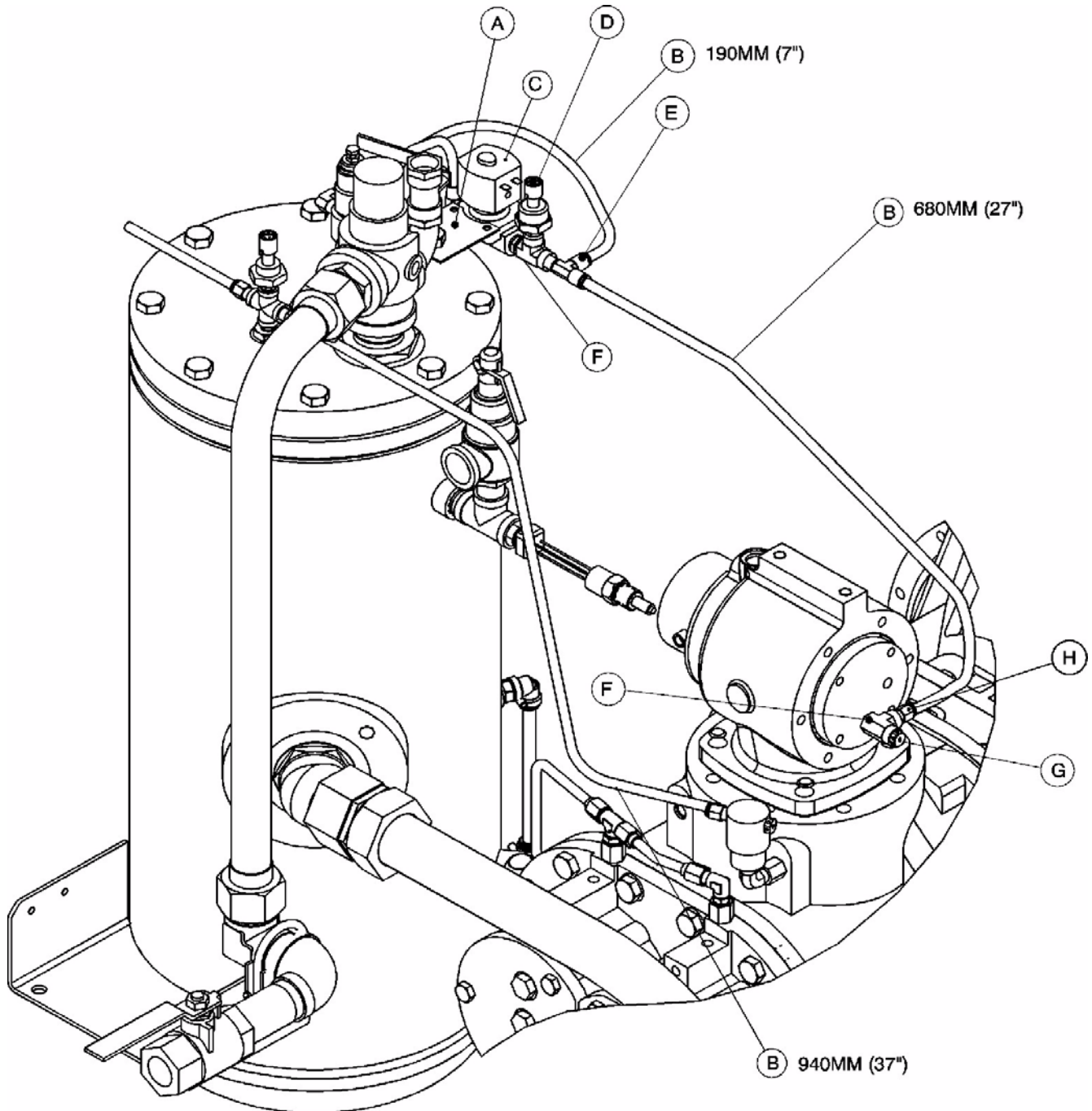


- 1 WHITE - GROUND
- 2 YELLOW - LEFT STOP/TURN SIGNAL
- 3
- 4 GREEN - RIGHT STOP/TURN SIGNAL
- 5 BROWN - TAIL / CLEARANCE LIGHTS
- 6 BLUE - ELECTRIC BRAKES

22557888_56_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36844264	BATTERY	1	
	35315944	BRAKEAWAY SWITCH	1	
	36895860	LICENSE	1	
	35367051	SIDE	2	
	54671557	TAIL / STOP	2	
	54761101	HARNESS, LIGHT	1	

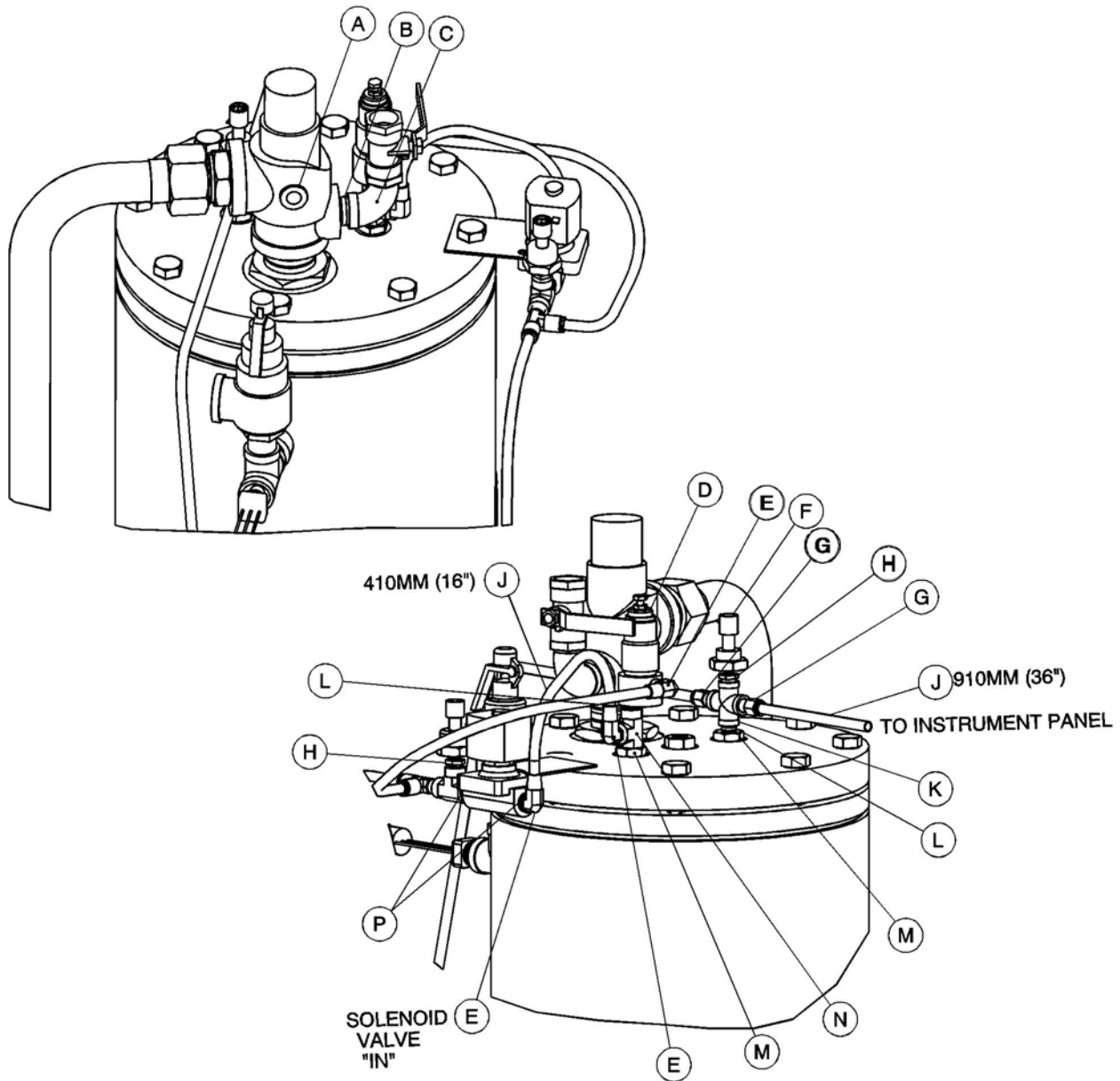
AIR PIPING



22557888_57_04/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892669	BRACKET, START-RUN VALVE	1	SEE LENGHTS ABOVE
B	35356484	TUBING, .38 OD SYNPLEX	*	
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	
H	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	

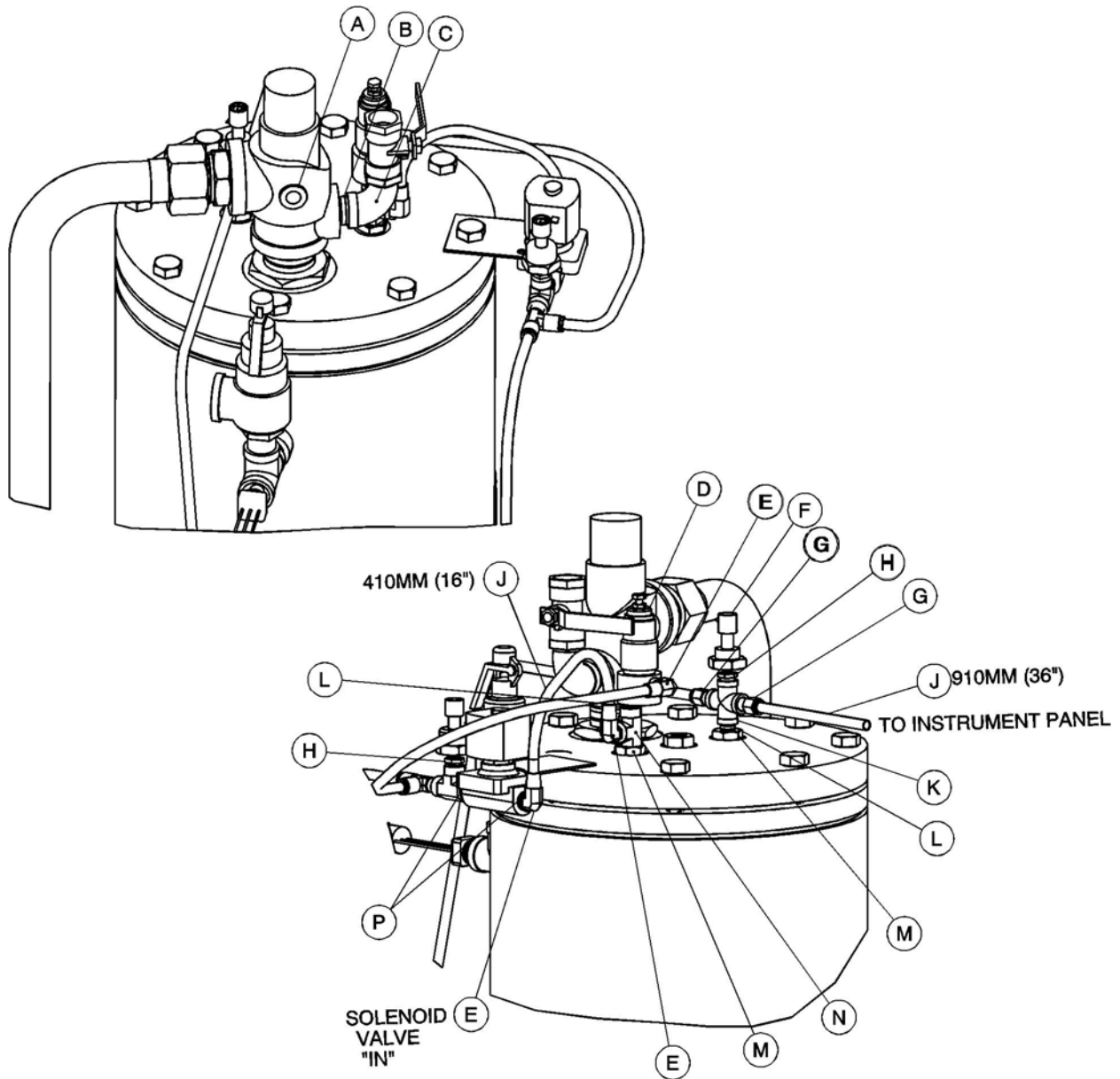
AIR PIPING (cont'd)



22557888_58_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95928230	PLUG, HEX SOCKET 1/4 NPT	1	(P425, XP375) (HP375, VHP300)
B	95928040	NIPPLE, CLOSE 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, PRESSURE 0-500 PSI	1	
G	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	2	

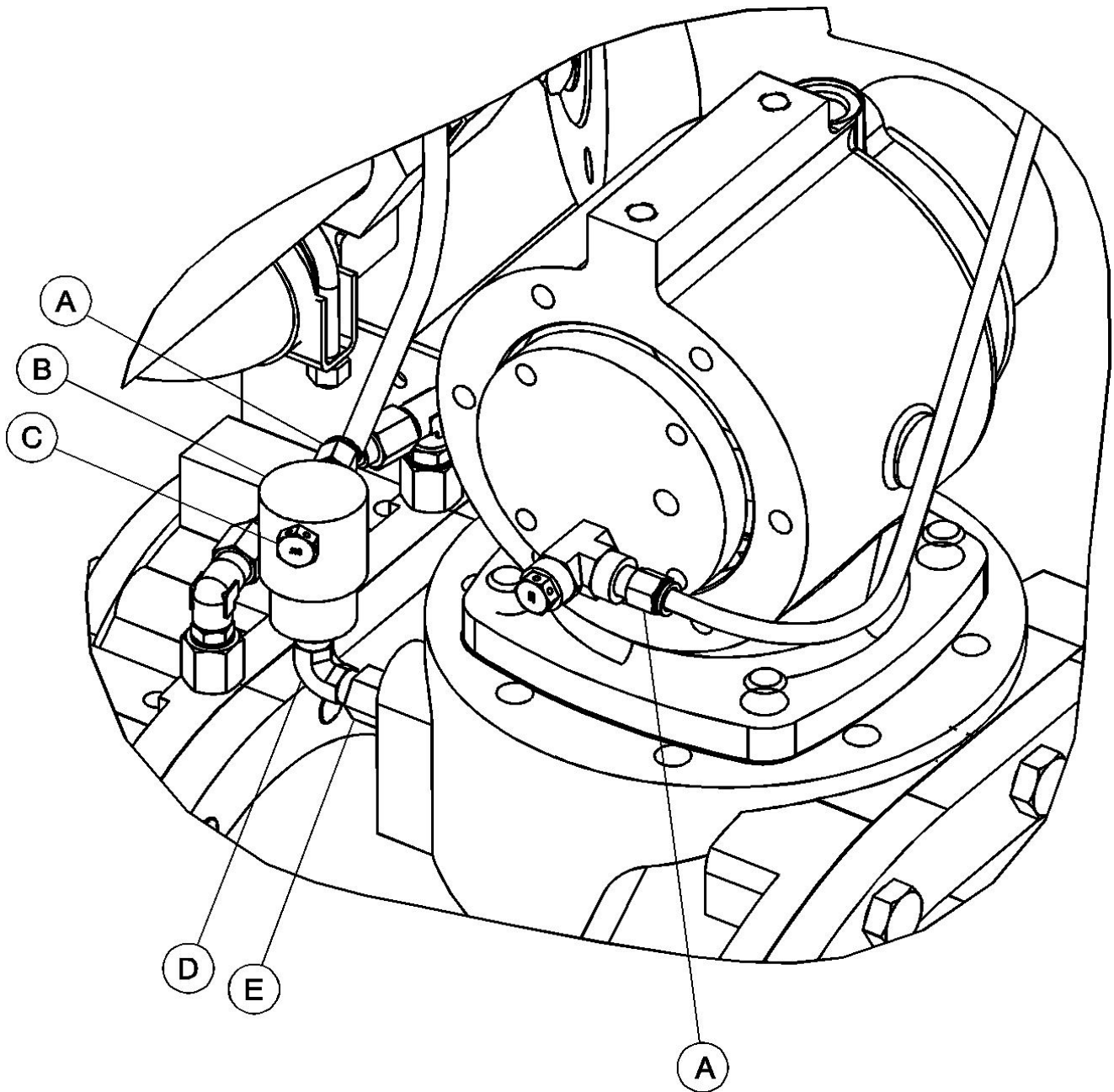
AIR PIPING (cont'd)



22557888_58_11/04_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	

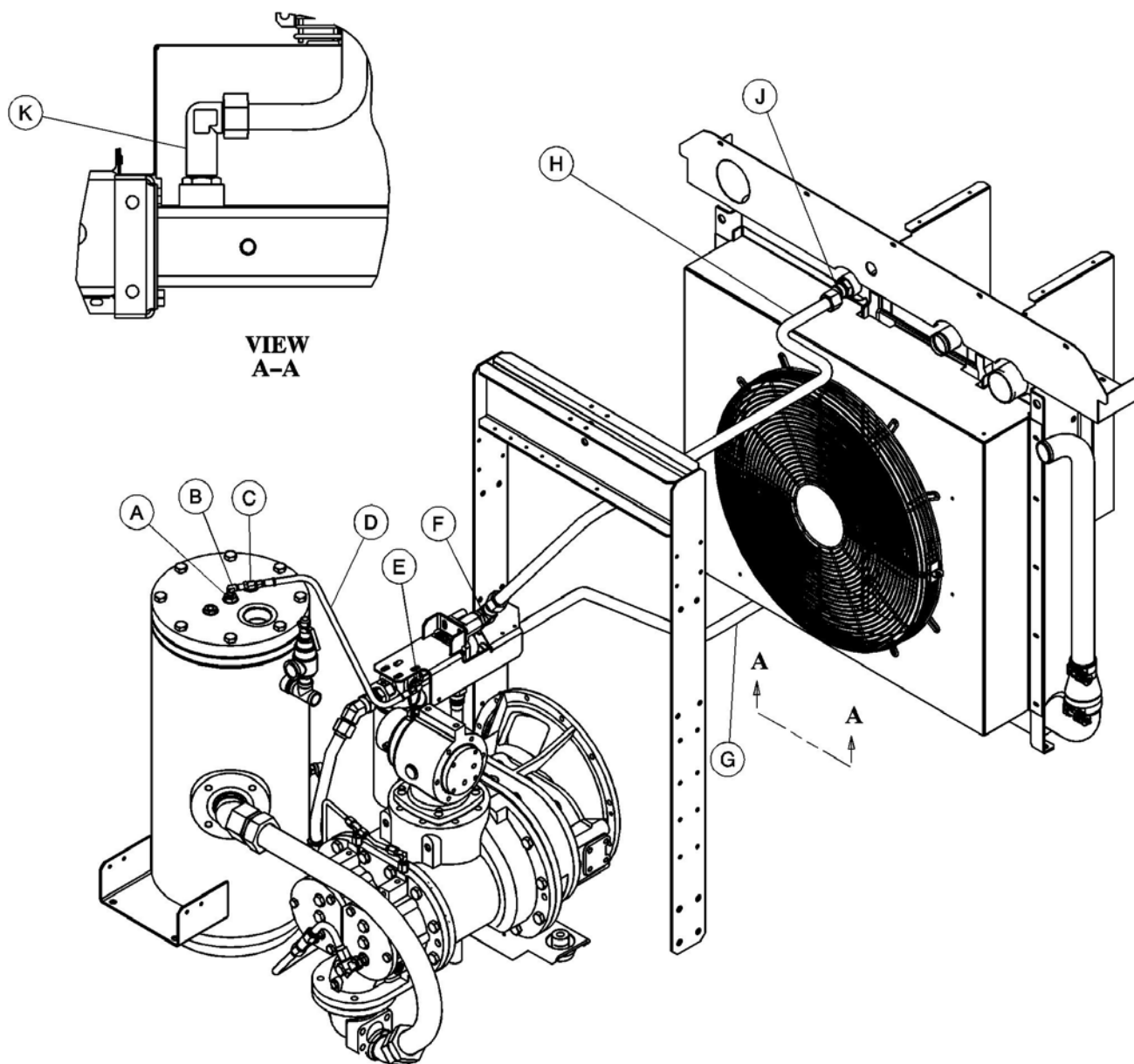
AIR PIPING (cont'd)



22557888_59_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	2	
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	

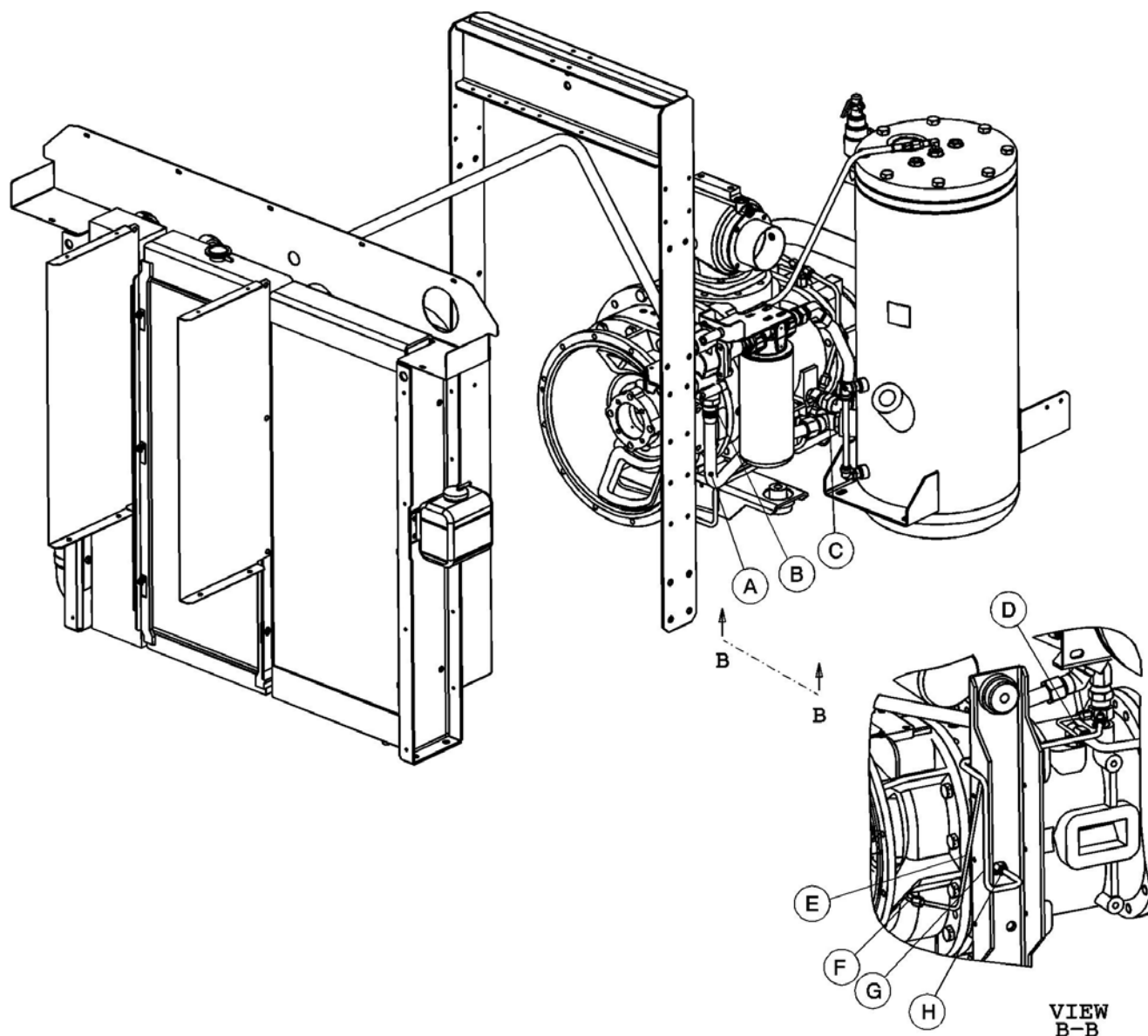
OIL PIPING



22557888_60_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54721337	ADAPTOR, OIL SCAVENGE	1	
B	95944666	ELBOW, STREET 90° 1/4 NPT	1	
C	36840411	VALVE, CHECK	1	
D	35282920	HOSE, SCAVENGE	1	
E	95365094	ELBOW, 90° 9/16-18 X -4 JIC	1	
F	95938171	ELBOW, 90° 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	
K	95992848	ELBOW, 90°	1	

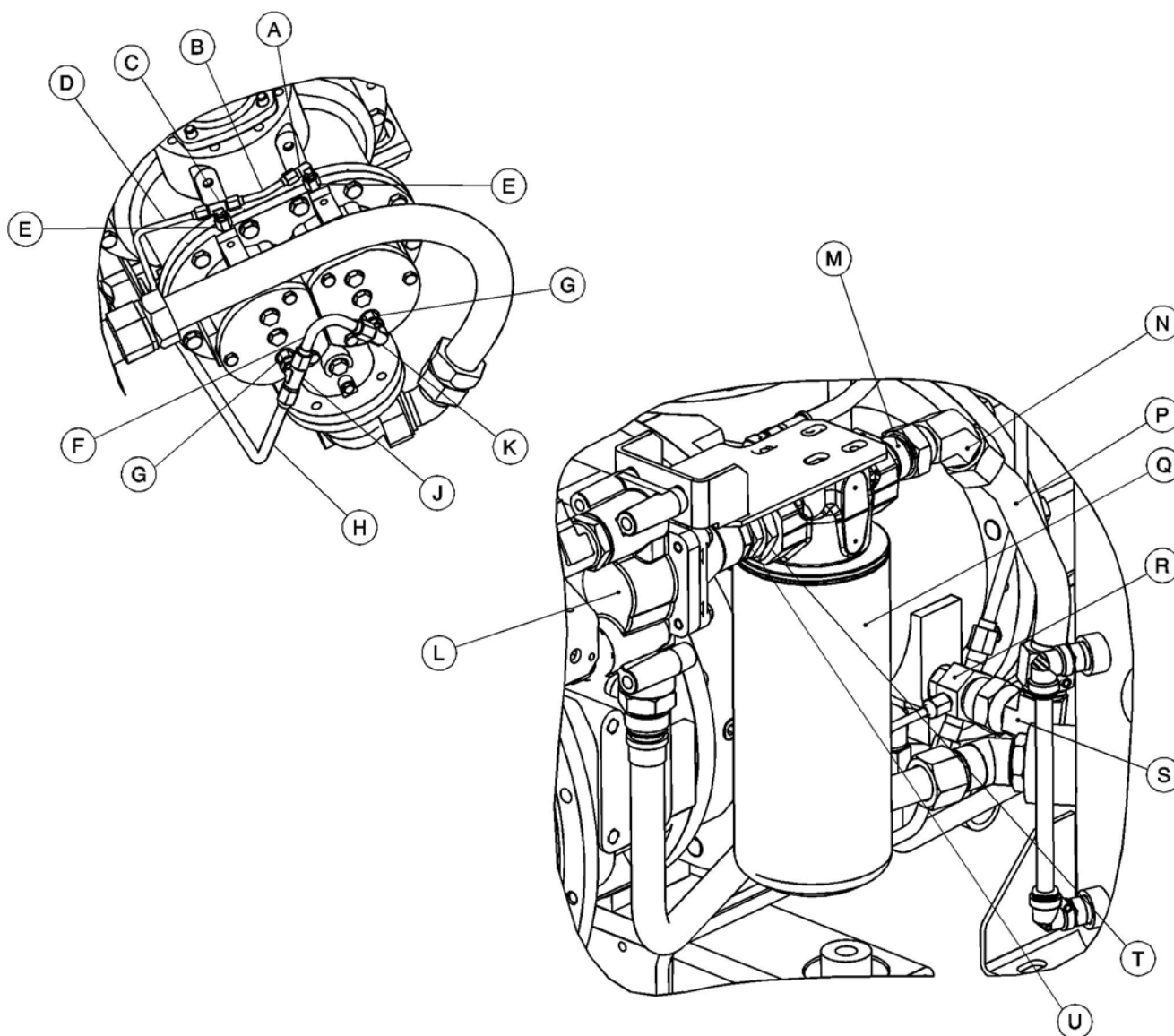
OIL PIPING (cont'd)



22557888_61_11/04_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, 45° 1.31-12 X 1" TUBE	1	
D	35305622	ELBOW, 90° 3/4-16 X -10 JIC	1	
E	36846152	TUBE, FRONT OIL SEAL	1	
F	35279884	ELBOW, 45° 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	

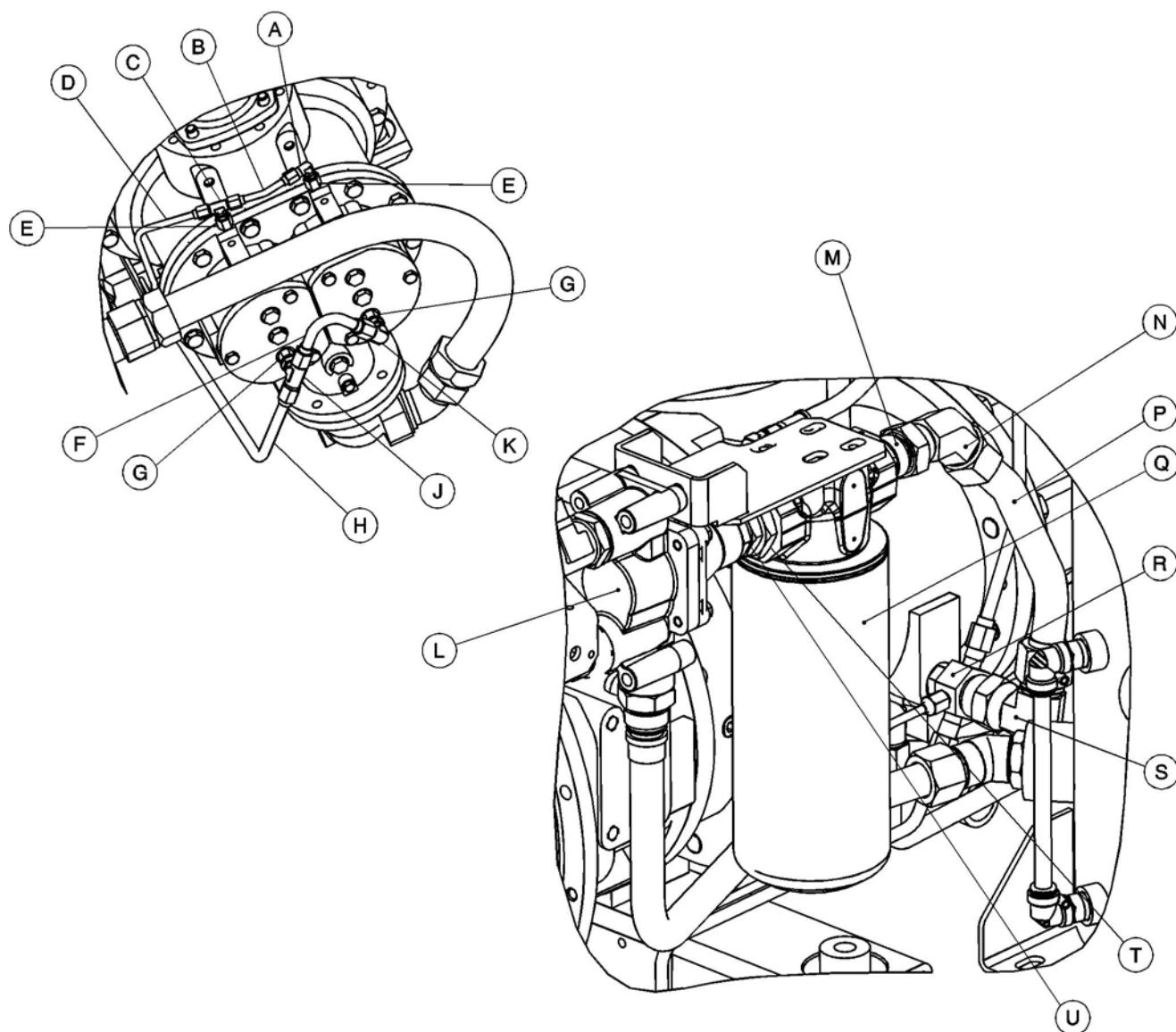
OIL PIPING (cont'd)



22557888_62_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35279827	ELBOW, 90° 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, 90° 7/8-14 X -10 JIC	1	

OIL PIPING (cont'd)

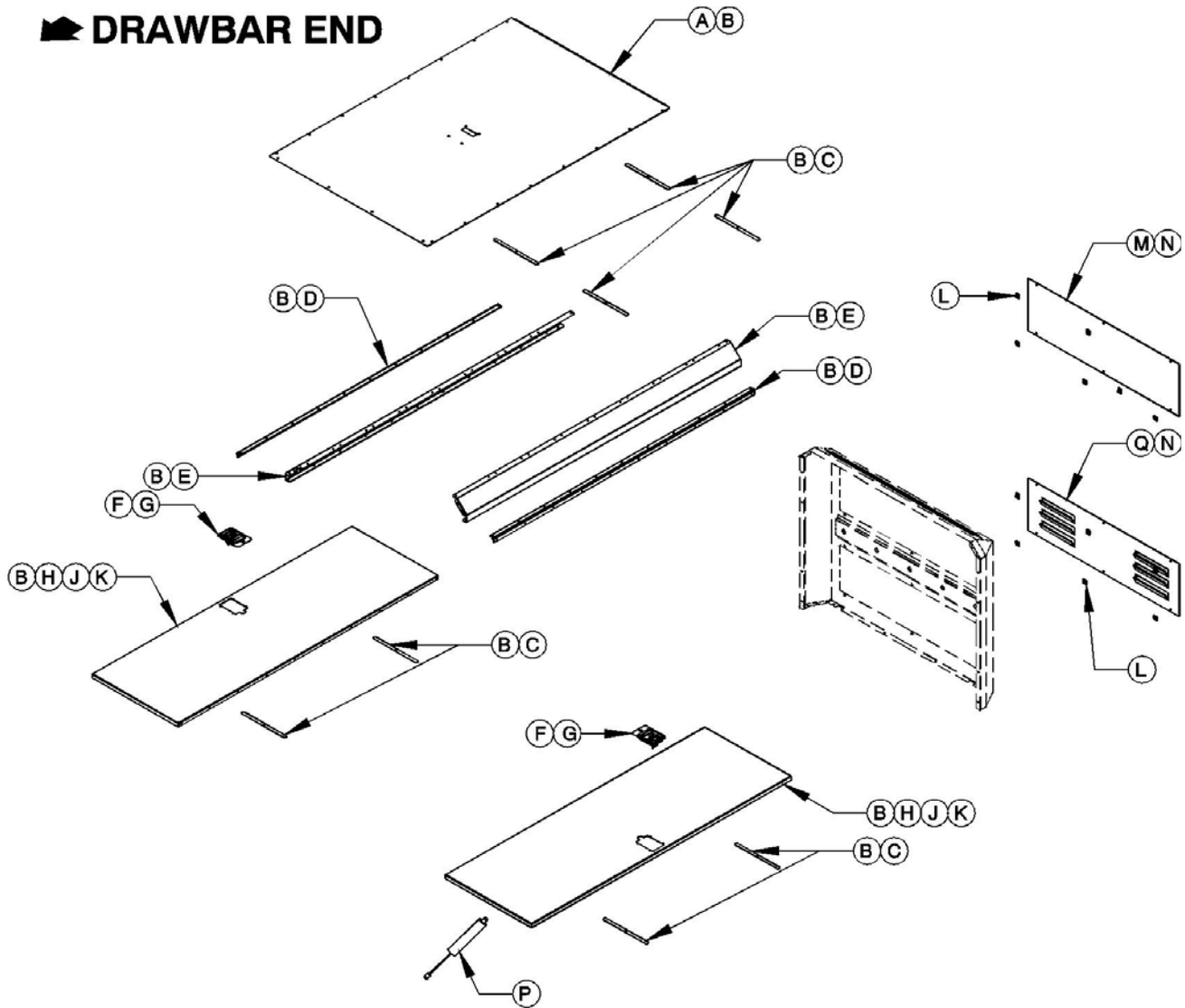


22557888_62_11/04_A

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, 45° 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, 90° 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

DRAWBAR END

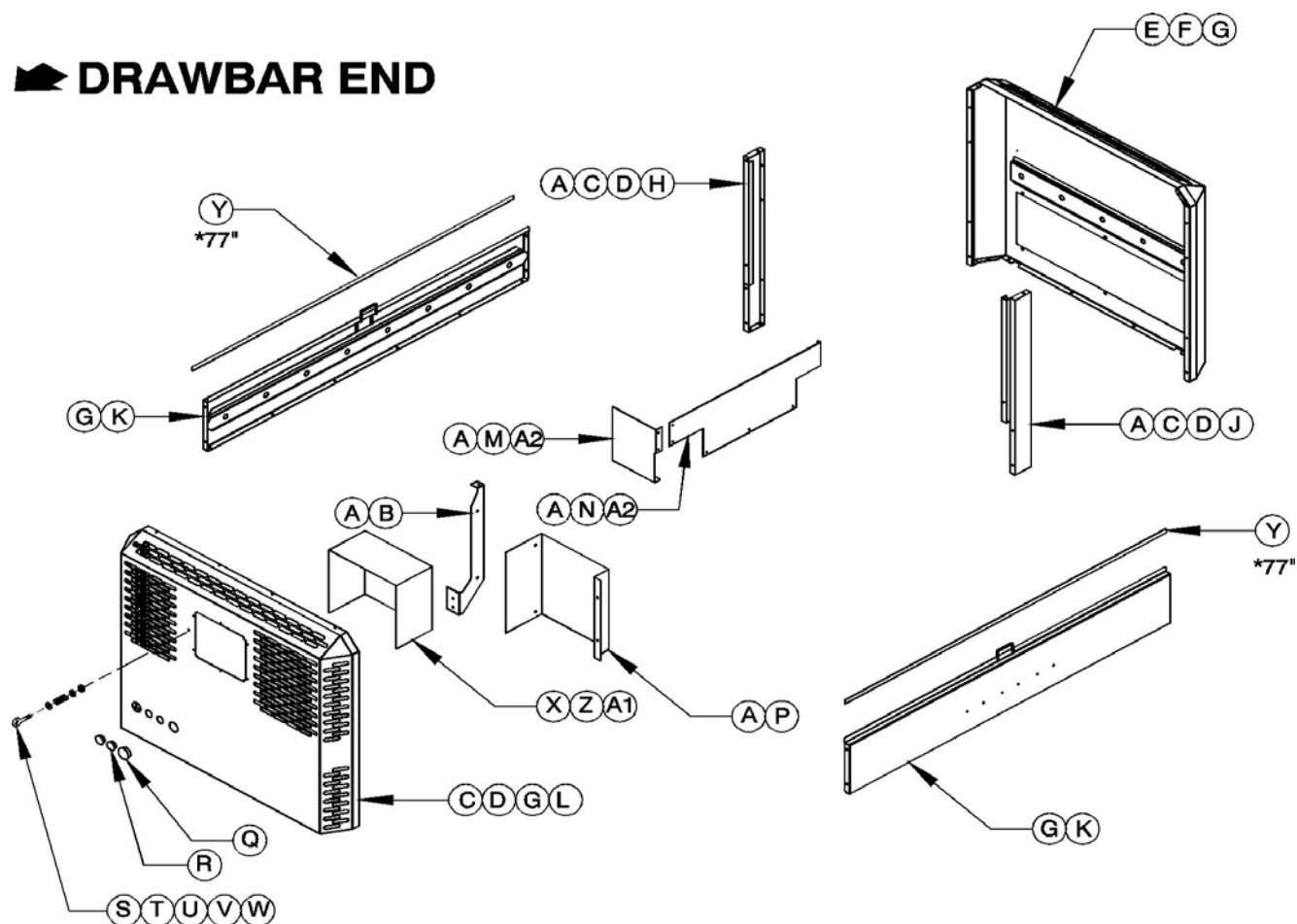


22557888_63_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54642905	ROOF	1	
B	36797652	SCREW, TAPPING M06-1.0 X 12	101	
C	54718184	STRAP, FOAM RETAINING	8	
D	54639174	HINGE, SIDE DOOR	2	
E	54697495	RAIL, LH TOP	2	
F	36793602	LATCH, SLAM DOOR	2	
G	36794816	RIVET, 3/16	8	
H	54629993	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	1	OND NOISE OPT ONLY
N	35256429	STUD, 1/4 TURN	12	
P	35600261	SPRING, GAS	4	
Q	*54760483	PANEL, REAR ACCESS	1	HIGH AMB NOISE OPT QTY 2

ENCLOSURE COMPLETE (cont'd)

DRAWBAR END

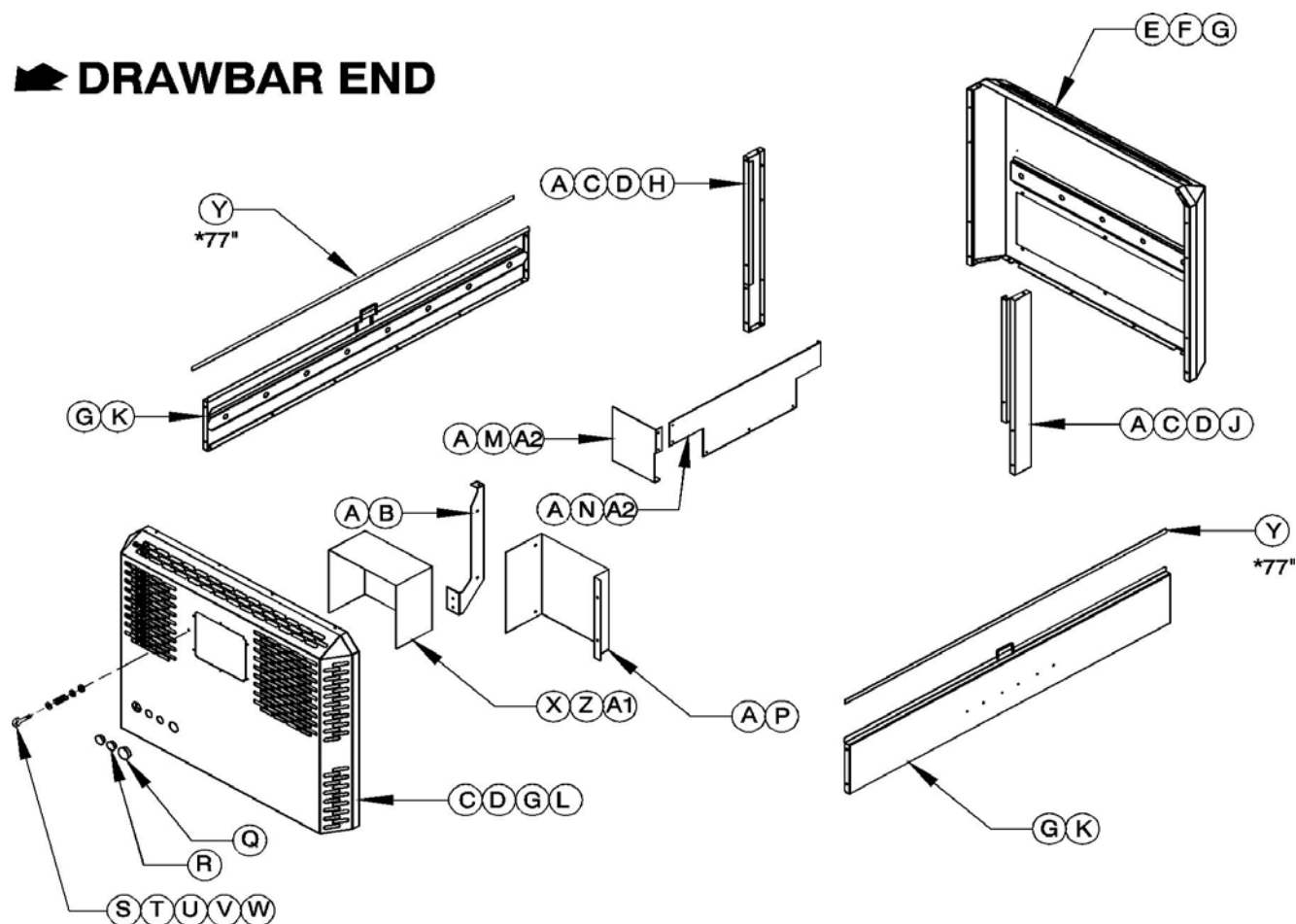


22557888_64_11/04_A

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	54686167	PANEL, RH SIDE	1	
J	54692751	PANEL, LH SIDE	1	
K	22219554	PANEL, LOWER SIDE	2	
L	54694823	PANEL, FRONT END CAP	1	
M	22431928	PANEL, SMALL TOOLBOX	1	
N	22394258	PANEL, TOOLBOX	1	

ENCLOSURE COMPLETE (cont'd)

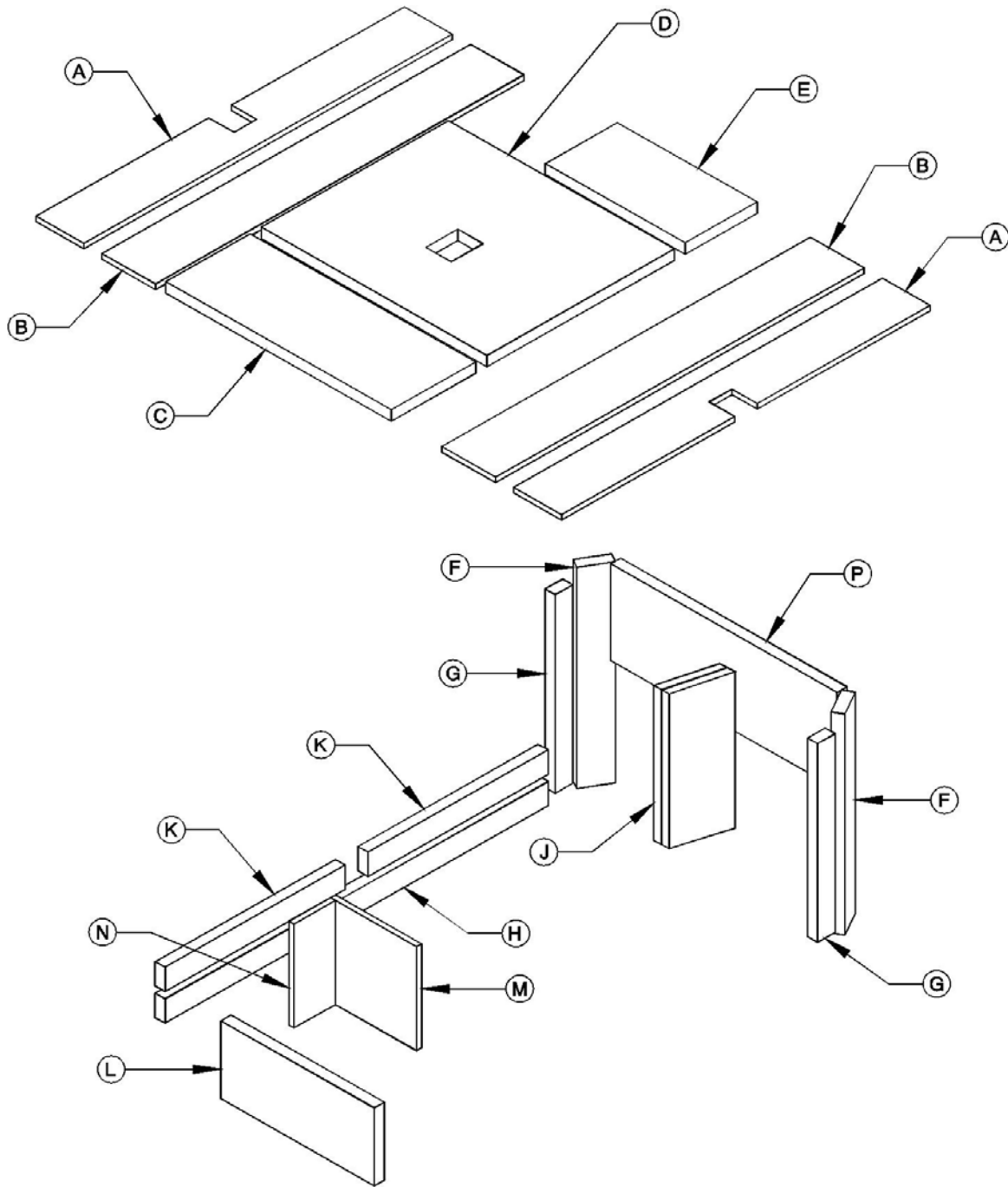
DRAWBAR END



22557888_64_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	54720834	BAFFLE, FRONT INTAKE	1	Prior to S/N 371951
	22070908	BAFFLE, FRONT AFTERCOOLER	1	Begin w/ S/N 371951
Q	35310622	PLUG, 2.0 DIA HOLE	1	
R	35285543	PLUG, 1.5 DIA HOLE	1	
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	22058325	COVER, REAR INSTRUMENT PANEL	1	Prior to S/N 364889
	22628911	COVER, REAR INSTRUMENT PANEL	1	Begin w/ S/N 364889
Y	22068373	SEAL, DOOR	*	See Lengths Above
Z	95972188	RIVET, .19 ALUMINUM	3	
A1	95916151	WASHER, FLAT	3	
A2	92368687	SCREW, TAPPING M06-1.0 X 14	11	

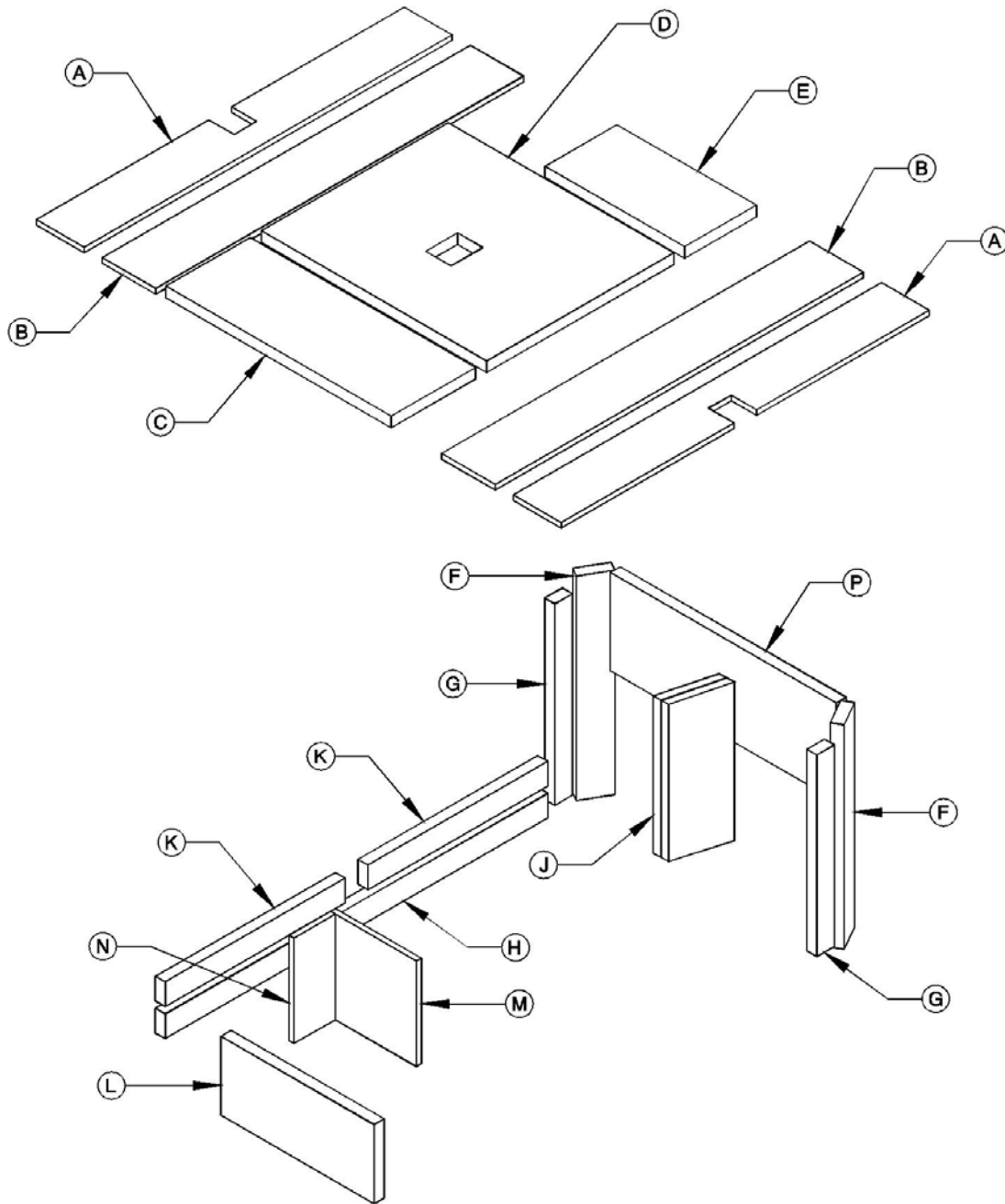
FOAM INSULATION COMPLETE



22557888_65_11/04_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	

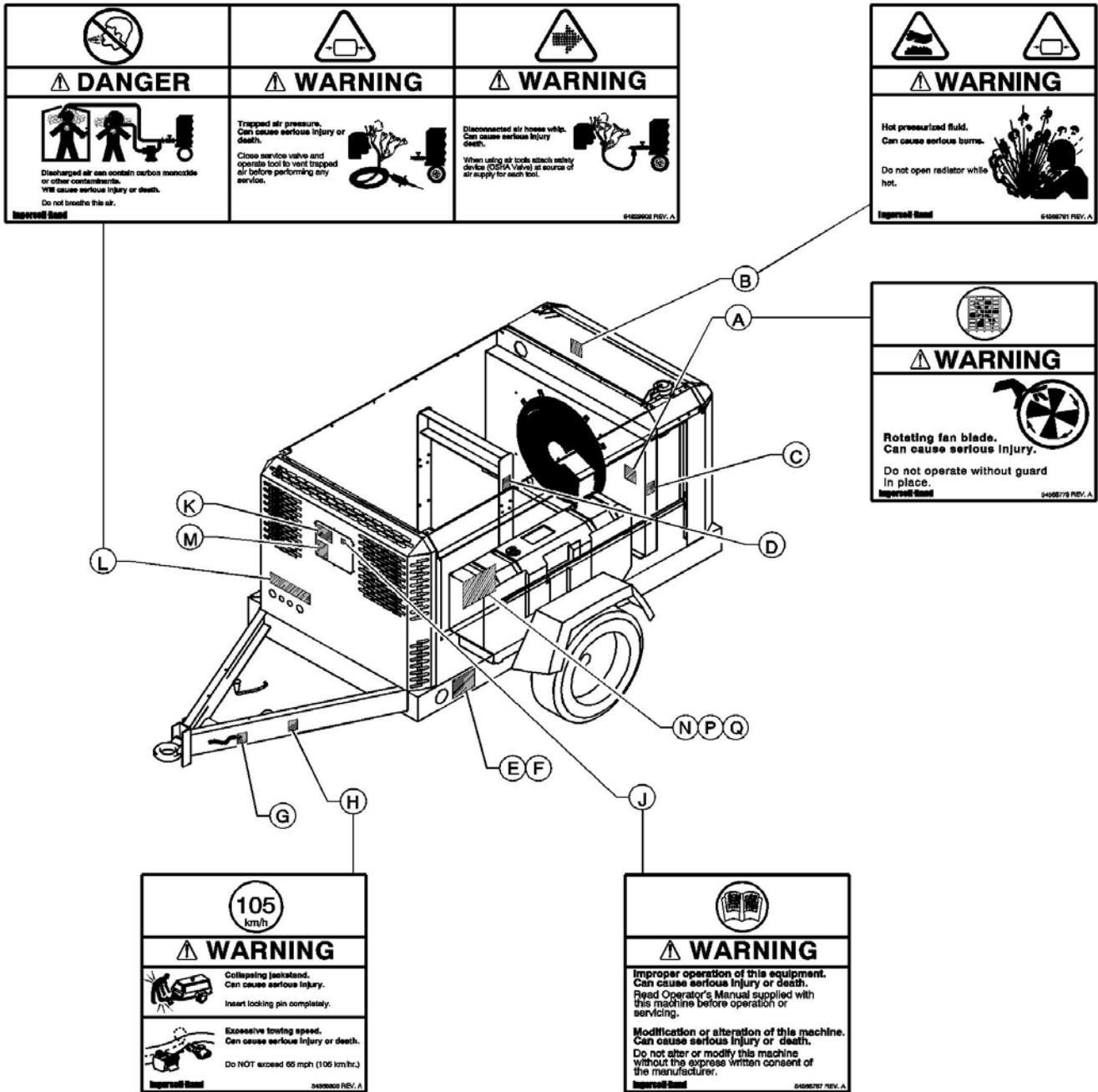
FOAM INSULATION COMPLETE



22557888_65_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	54745518	PANEL, REAR SPLITTER ACOUSTIC	2	Prior to S/N 371951 Begin w/ S/N 371951 Prior to S/N 371951 Begin w/ S/N 371951
K	54770490	PANEL, TOP LWR SIDE ACOUSTIC	2	
L	54674916	PANEL, FRONT END CAP ACOUSTIC	1	
M	54744826	PANEL, INTR BAFFLE FRONT ACOUSTIC	1	
	22074488	PANEL, INTR BAFFLE FRONT ACOUSTIC	1	
N	54744818	PANEL, INTR BAFFLE FRONT ACOUSTIC	1	
	22074504	PANEL, INTR BAFFLE FRONT ACOUSTIC	1	
P	54674957	PANEL, REAR TOP ACCESS ACOUSTIC	1	
Q	22272322	PANEL, TOP RAIL ACOUSTIC	2	

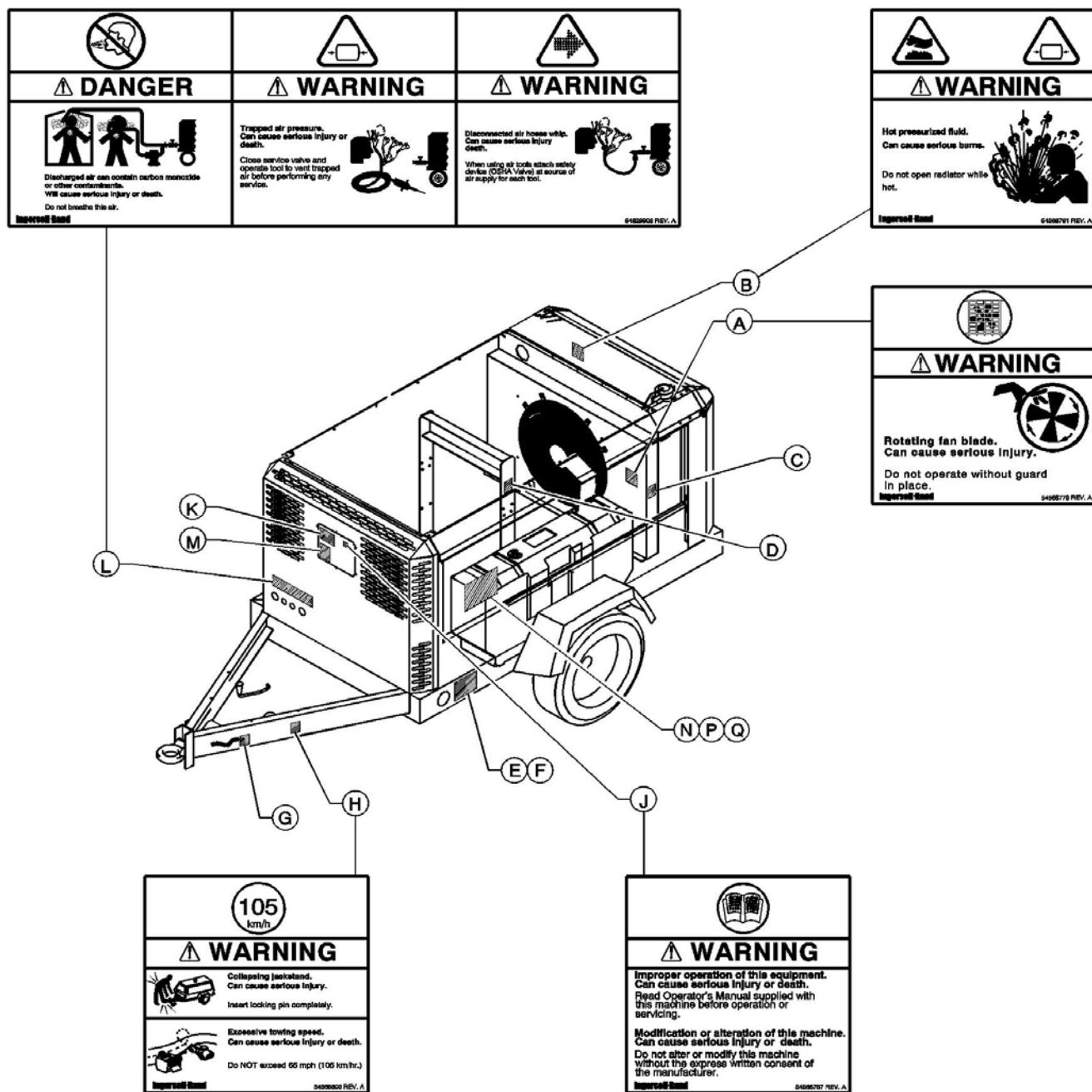
DECAL LOCATION (cont'd)



22557888_66_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	WARNING, ROTATING FAN	1	
B	54568761	WARNING, HOT FLUIDS	1	
C	54604962	DECAL, HOT RADIATOR FILL	1	
D	54625207	DECAL, DIESEL FUEL	1	
E	36531176	DECAL, V.I.N.	1	
F	36533081	OVERLAY, V.I.N.	1	
G	54604921	NOTICE, TOW CHAINS	1	
H	54568803	WARNING, TOWING	1	

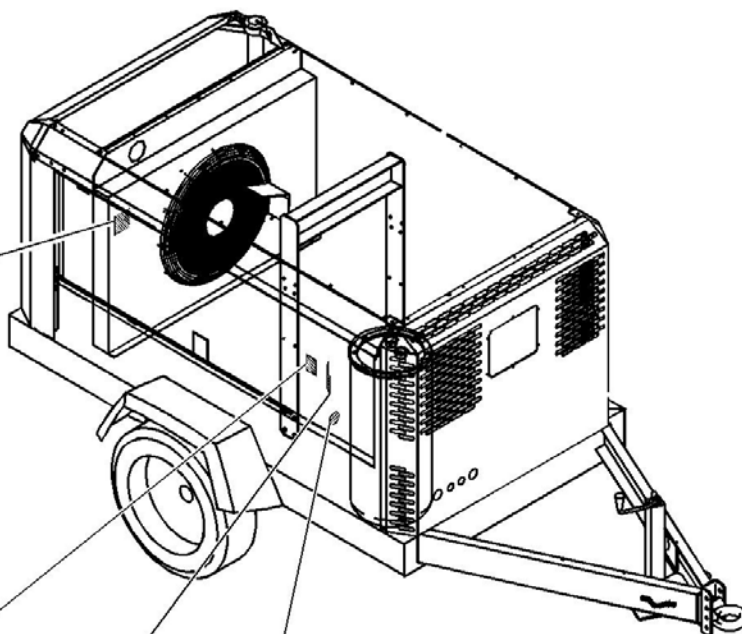
DECAL LOCATION (cont'd)



22557888_66_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	54568787	WARNING, IMPROPER OPERATION	1	
K	54749163	DECAL, OPERATING INSTRUCTIONS	1	
L	54629902	DANGER/WARNING, 3-PART COMBO	1	
M	22299051	DECAL, SYMBOL INTERPERTATION	1	
N	22068282	SCREW, TAPPING M04 X 25	2	
P	22394308	LAMINATE SET	1	
Q	36788982	BINDER, 3-RING	1	

DECAL LOCATION (cont'd)



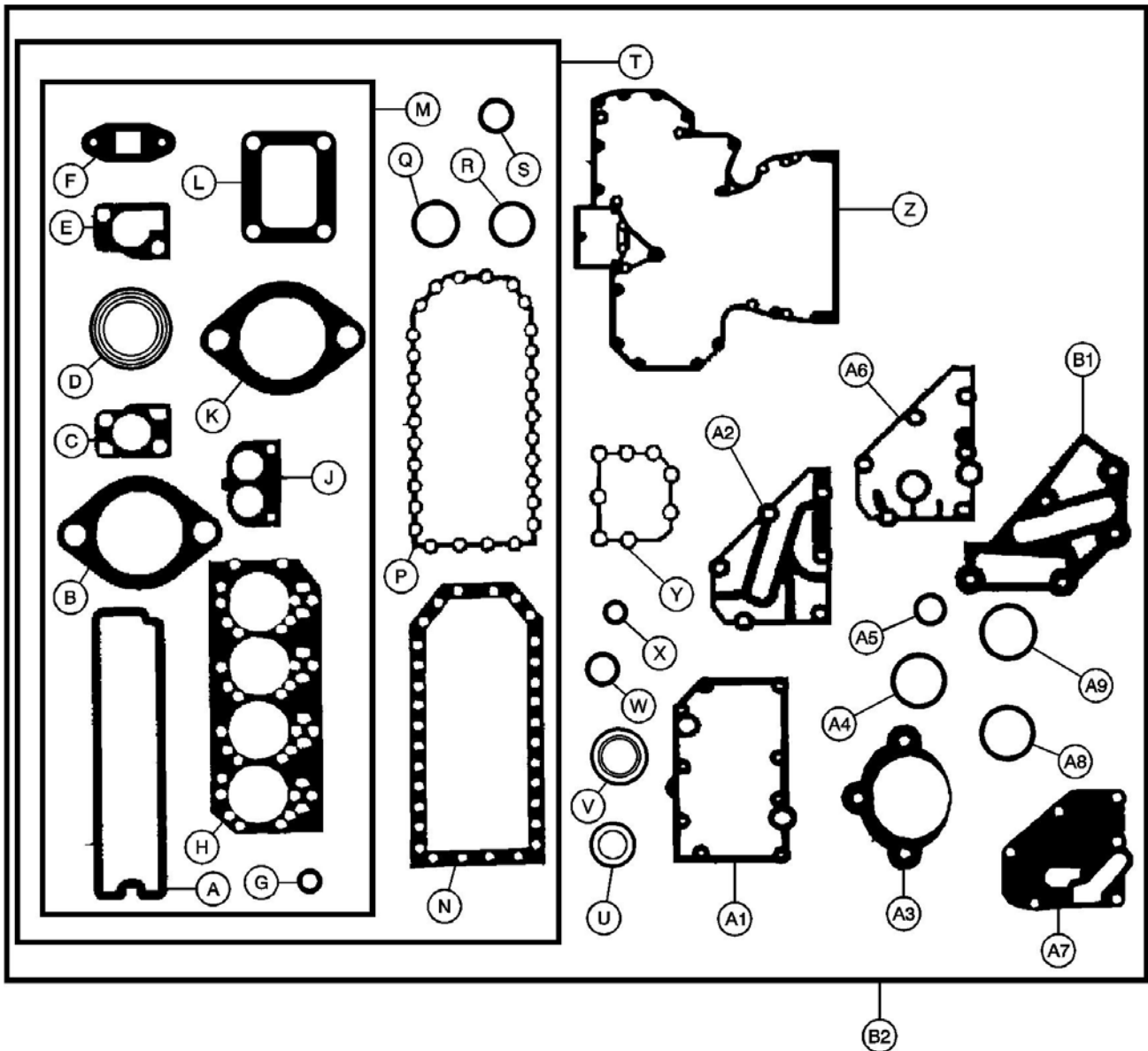
22557888_67_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	WARNING, ROTATING FAN	1	
B	54604970	DECAL, OIL FILL	1	
C	54568753	WARNING, BATTERY	1	
D	54568795	WARNING, HIGH PRESSURE	1	
E	54604962	NOTICE, RADIATOR FILL	1	

Section C - ENGINE PARTS



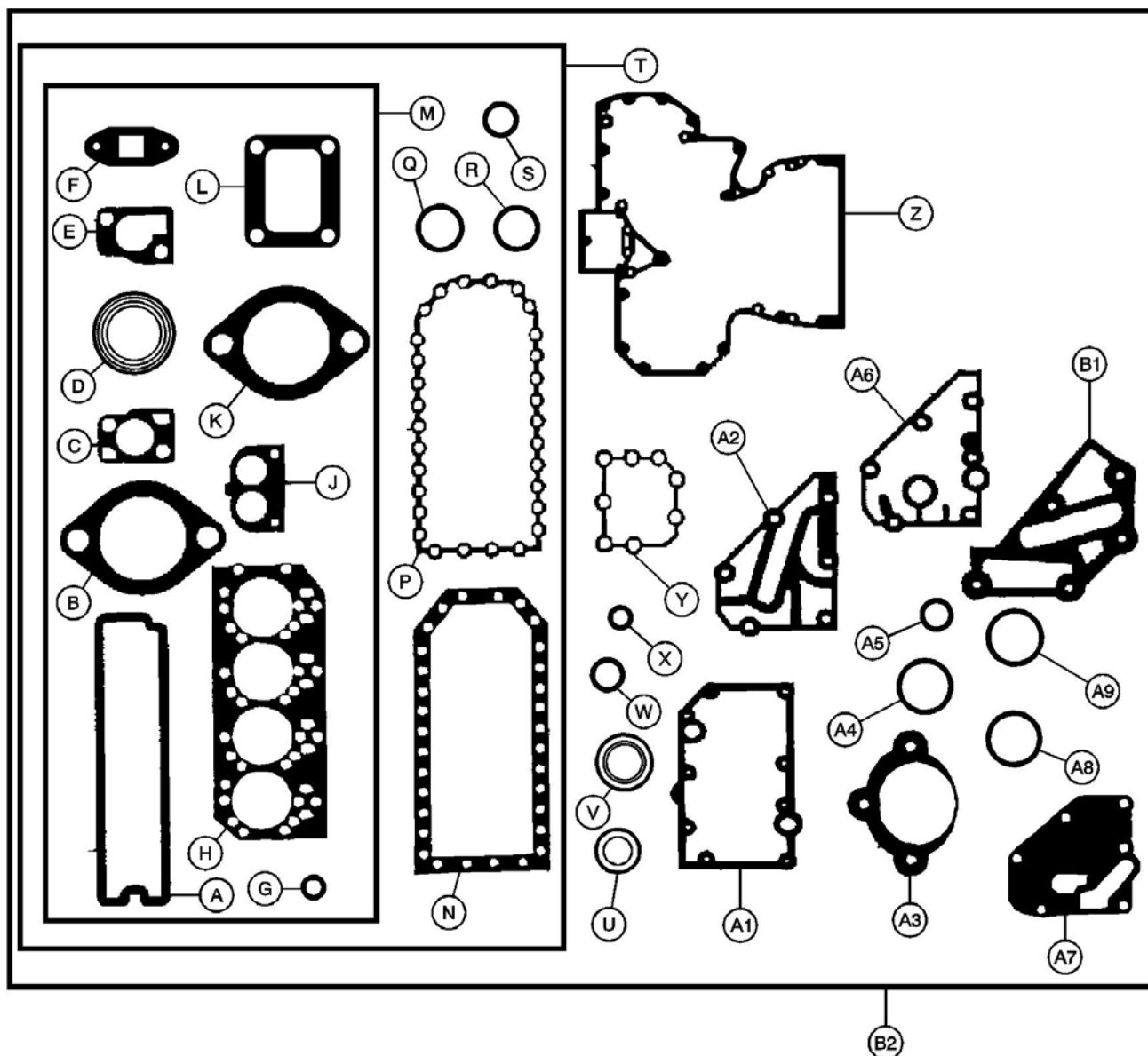
ENGINE OVERHAUL GASKET SET



22557888_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	

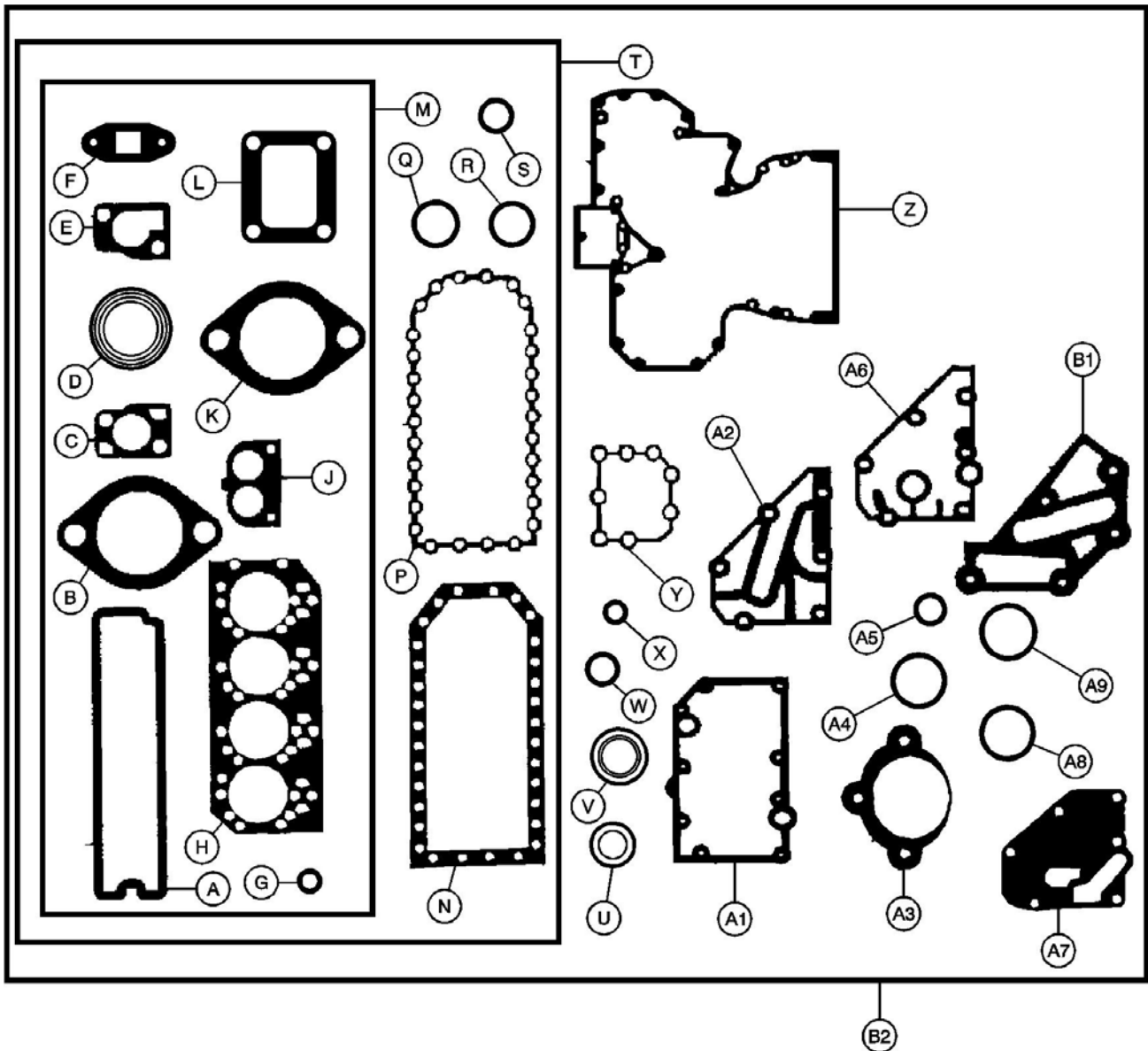
ENGINE OVERHAUL GASKET SET (cont'd)



22557888_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	

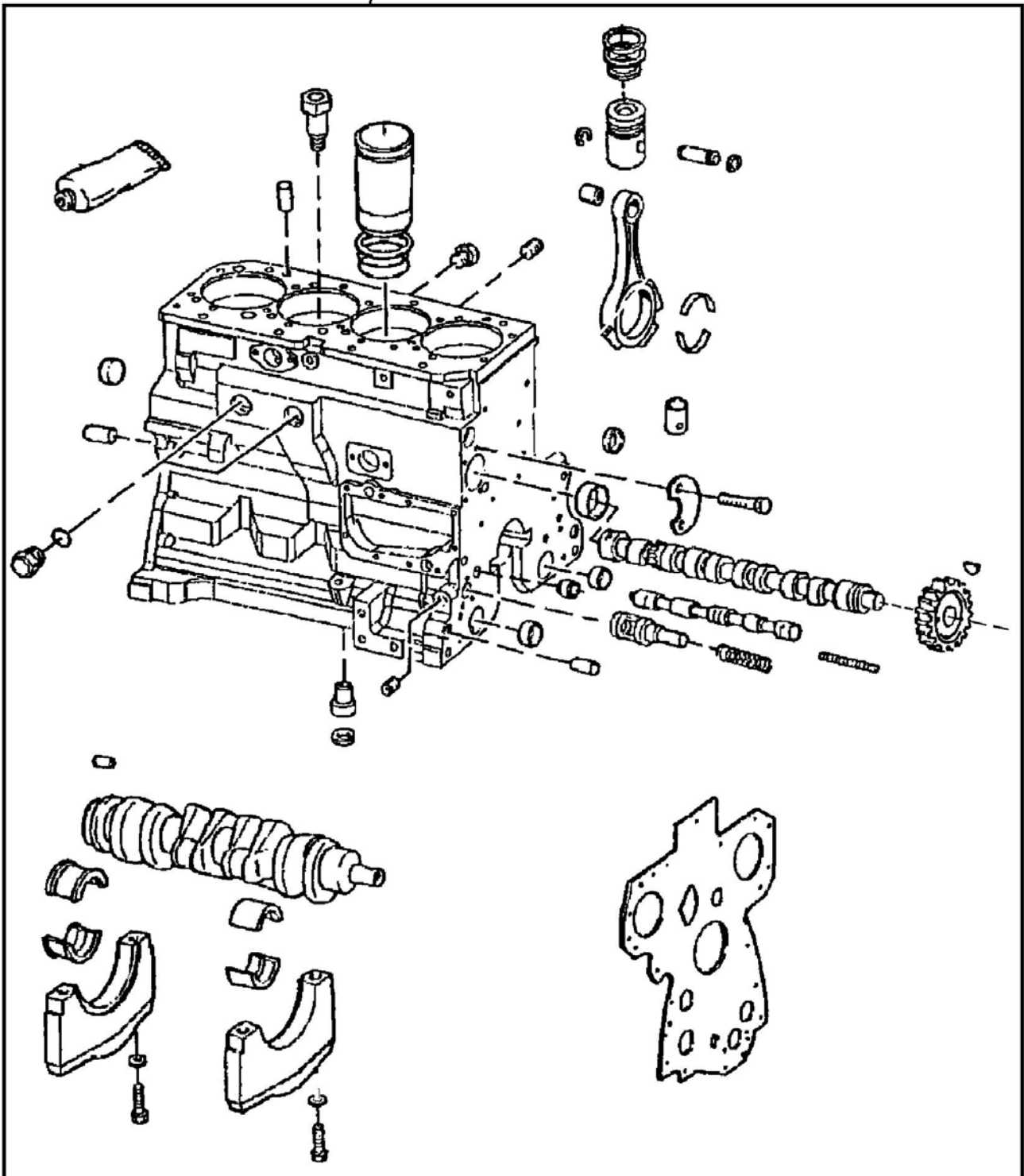
ENGINE OVERHAUL GASKET SET (cont'd)



22557888_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	

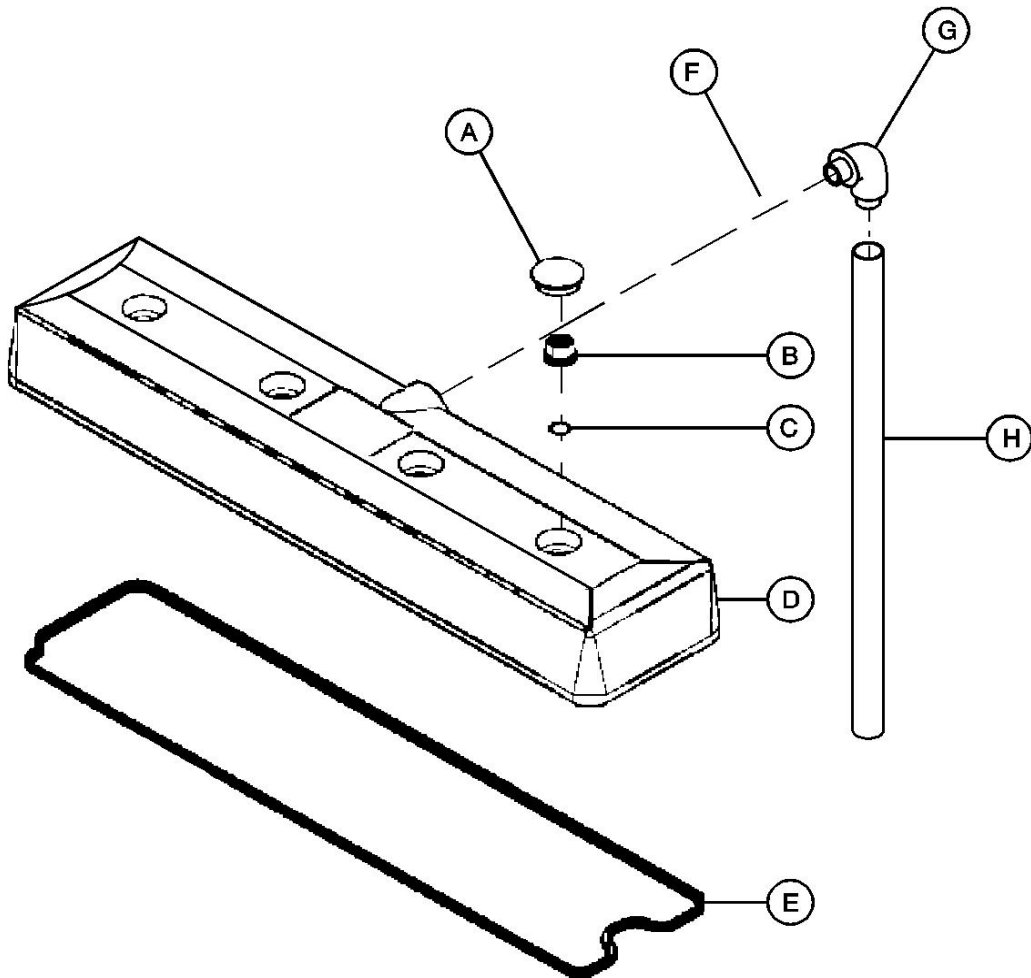
(A)



22557888_M02_07/05_A

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

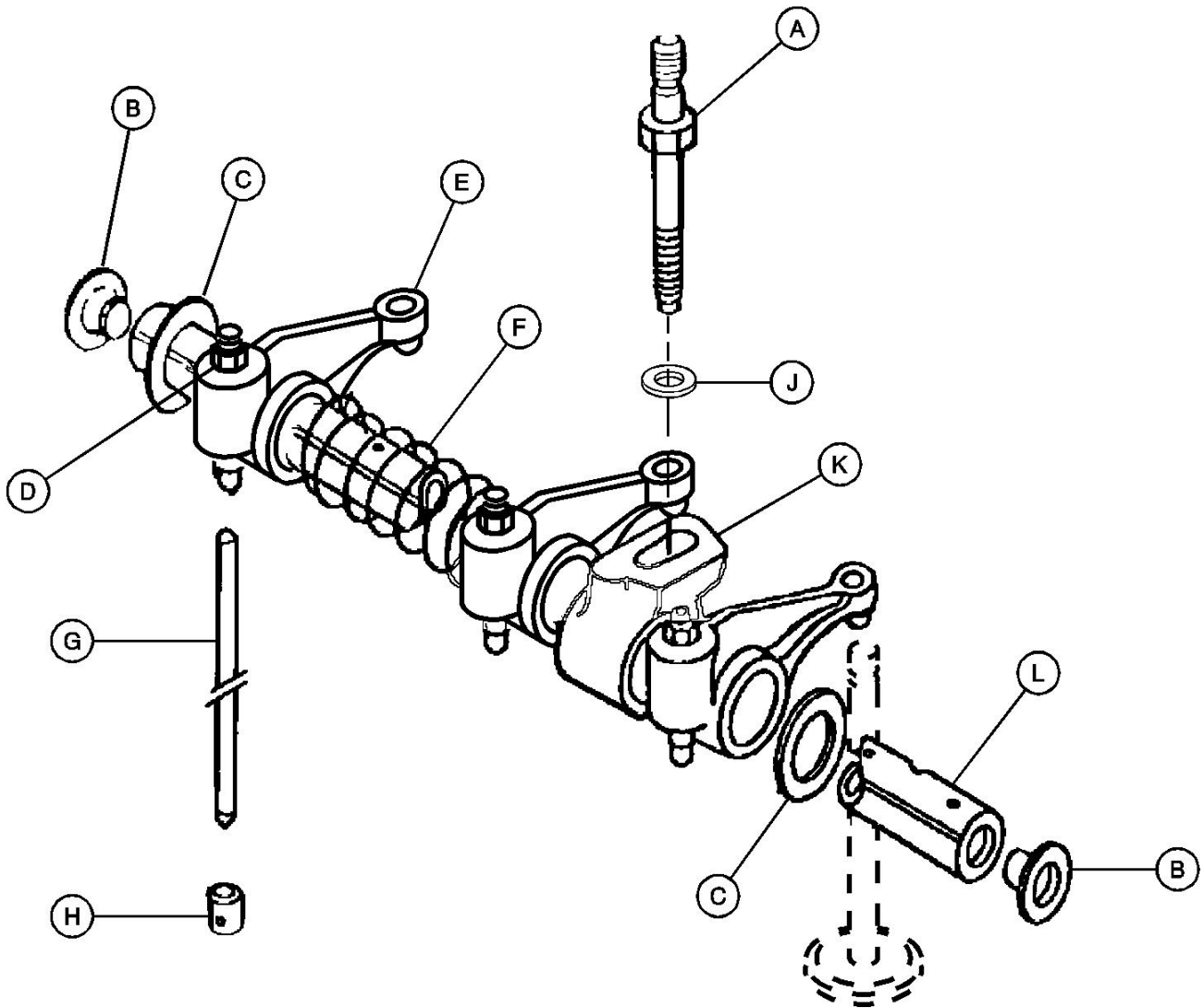
ROCKER ARM COVER



22557888_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

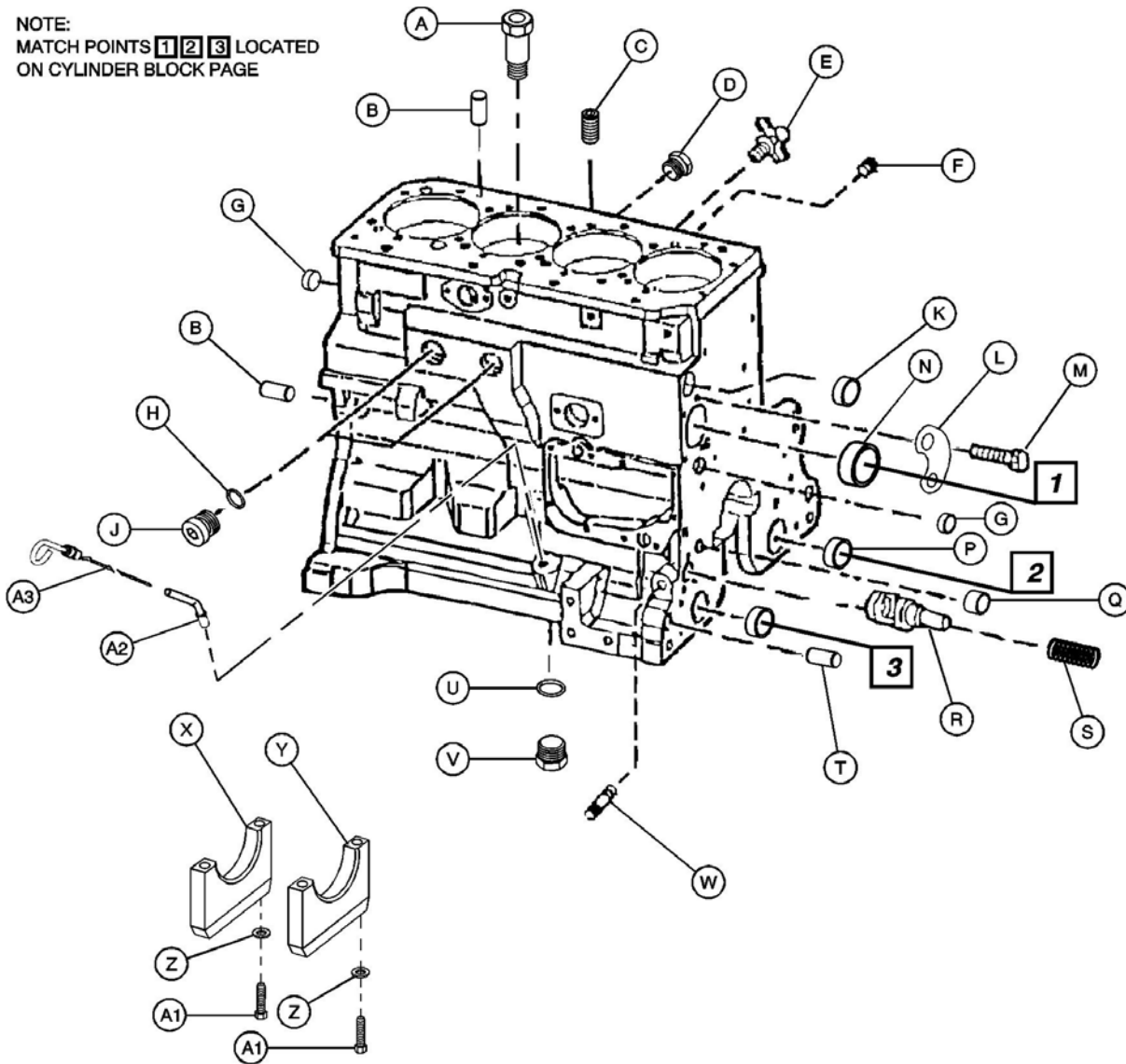


22557888_M04_07/05_A

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 CYLINDER BLOCK PAGE

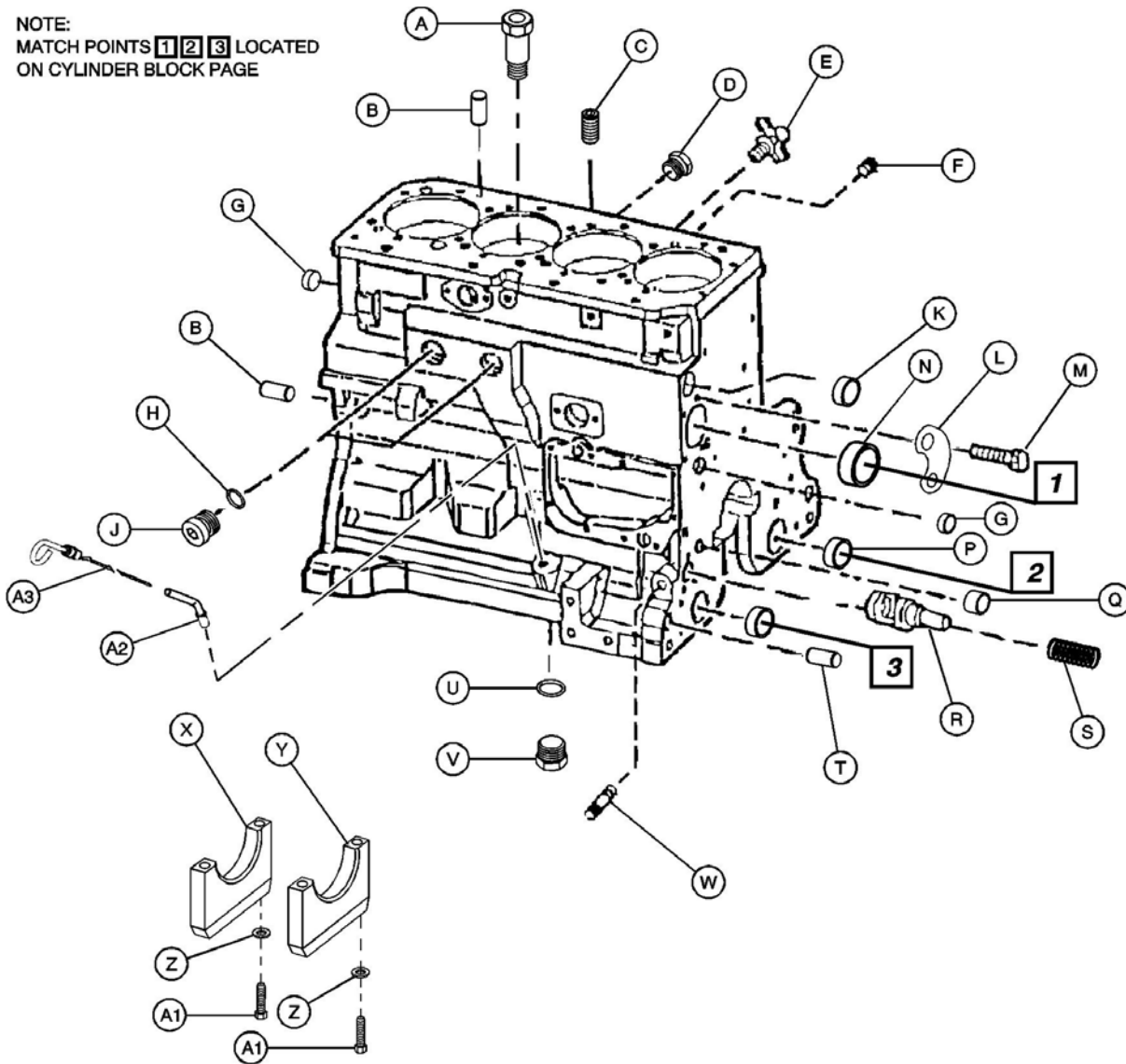


22557888_M05_07/05_A

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 CYLINDER BLOCK PAGE

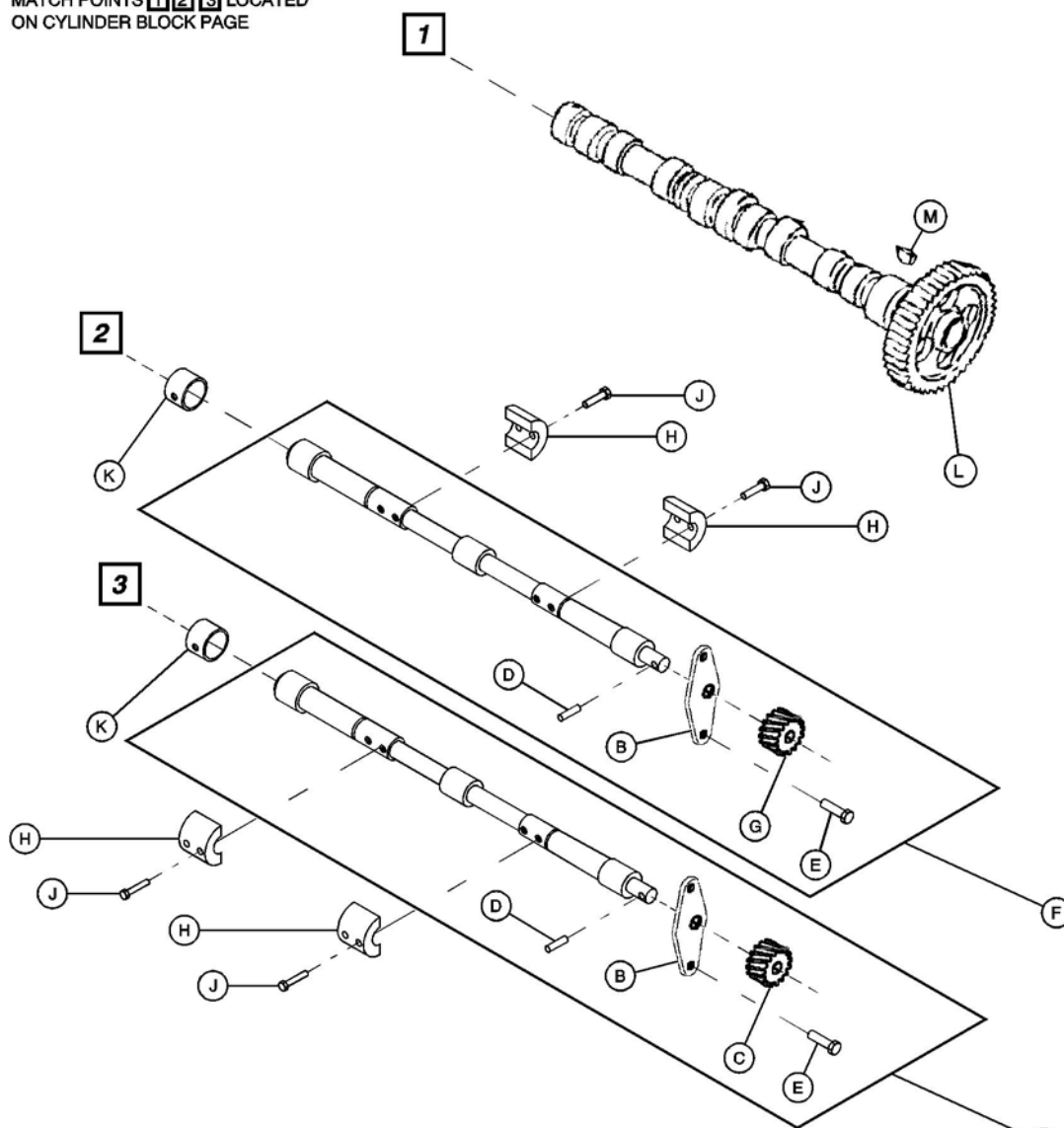


22557888_M05_07/05_A

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

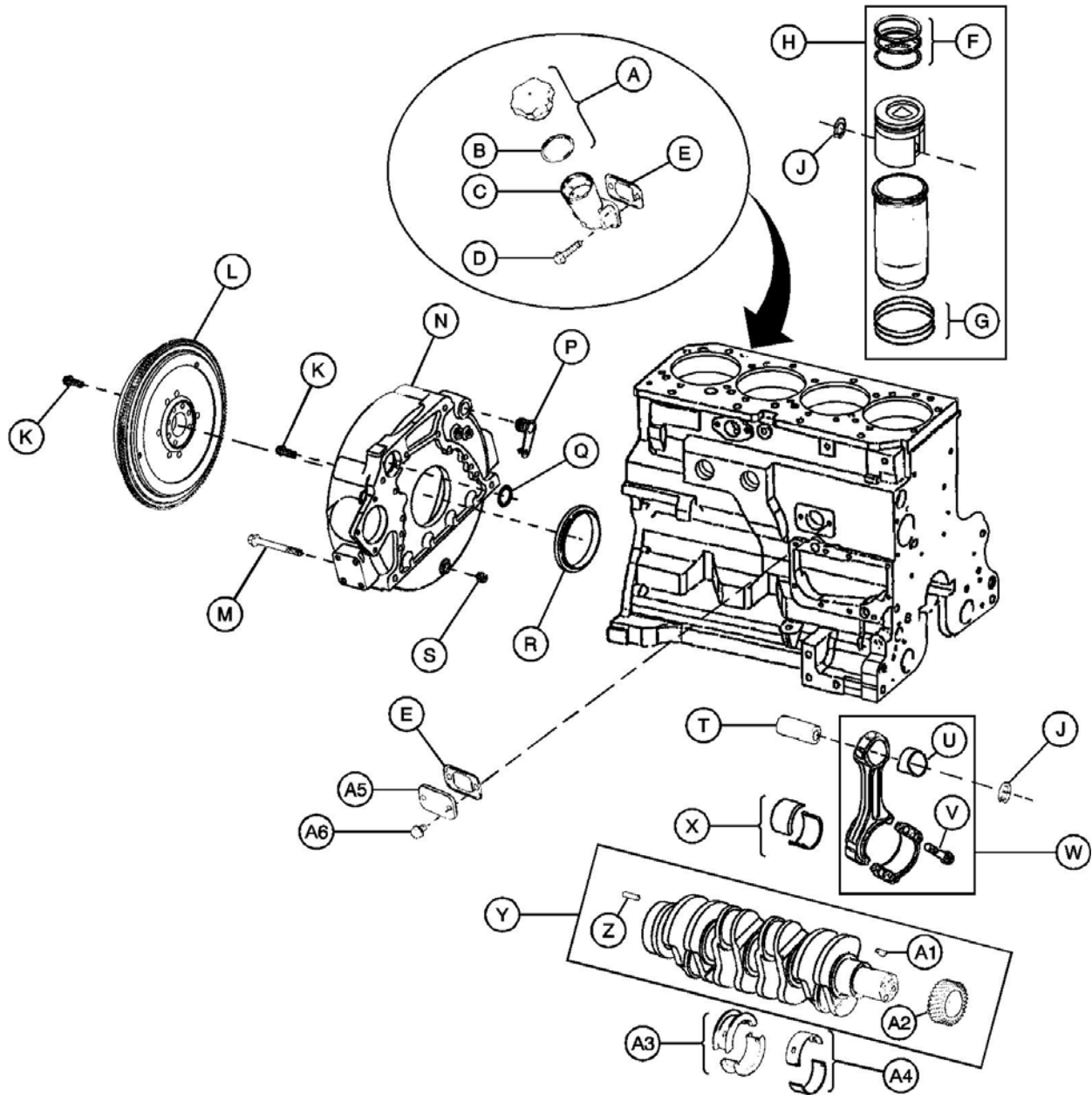
NOTE:
MATCH POINTS **1** **2** **3** LOCATED
ON CYLINDER BLOCK PAGE



22557888_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	

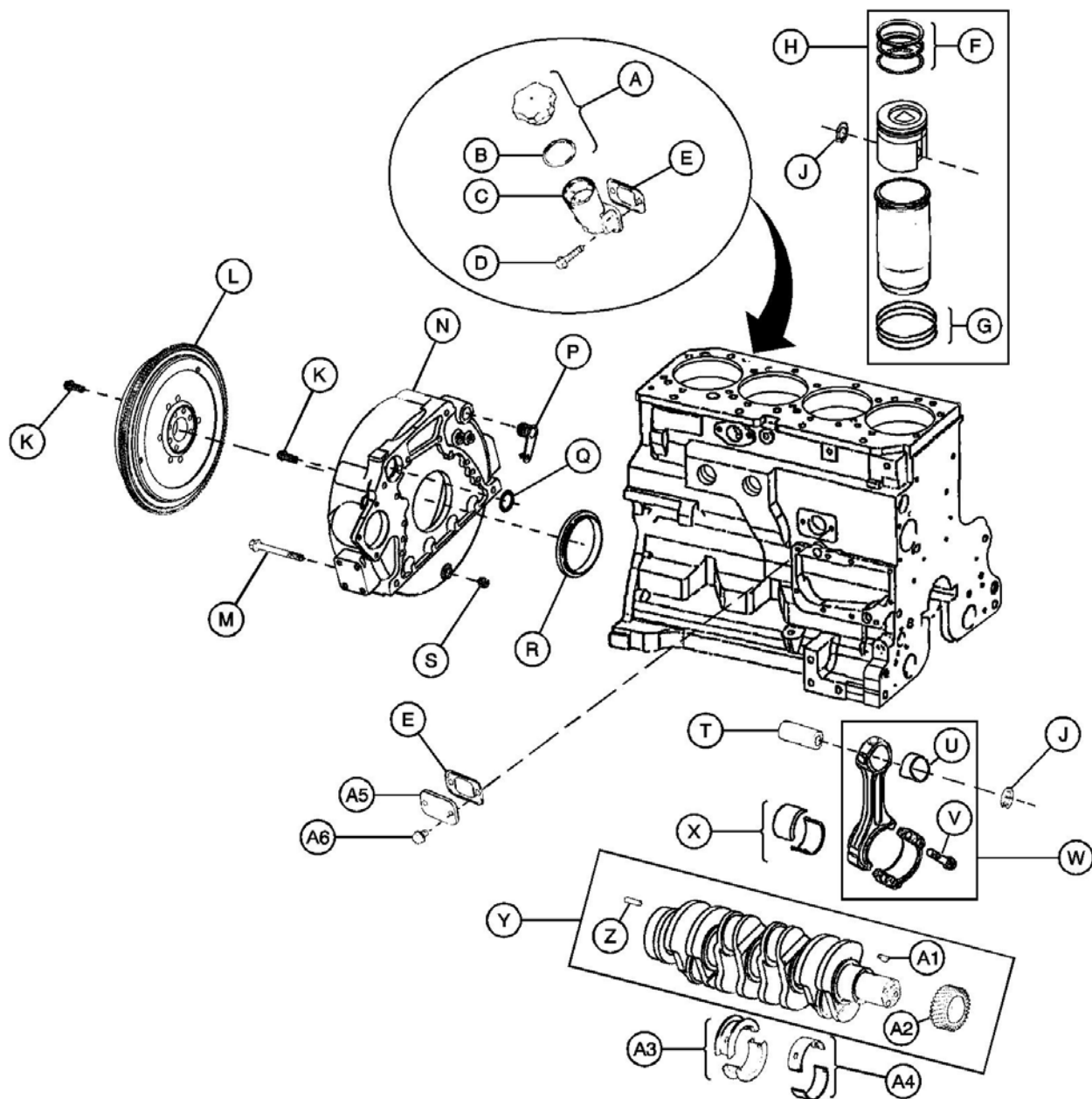
CRANK SHAFT and FLYWHEEL ASSEMBLY



22557888_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	

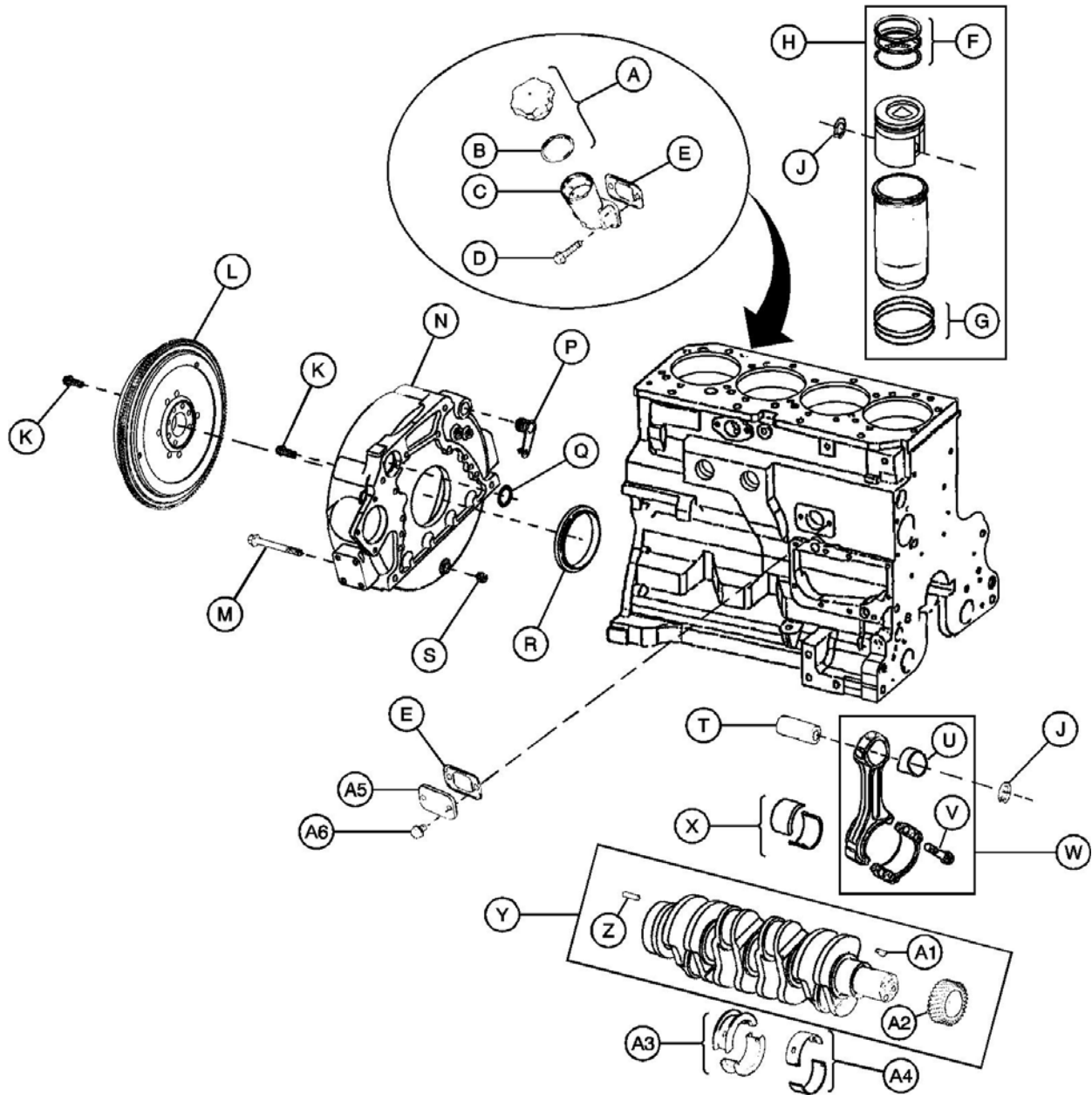
CRANK SHAFT and FLYWHEEL ASSEMBLY (cont'd)



22557888_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	

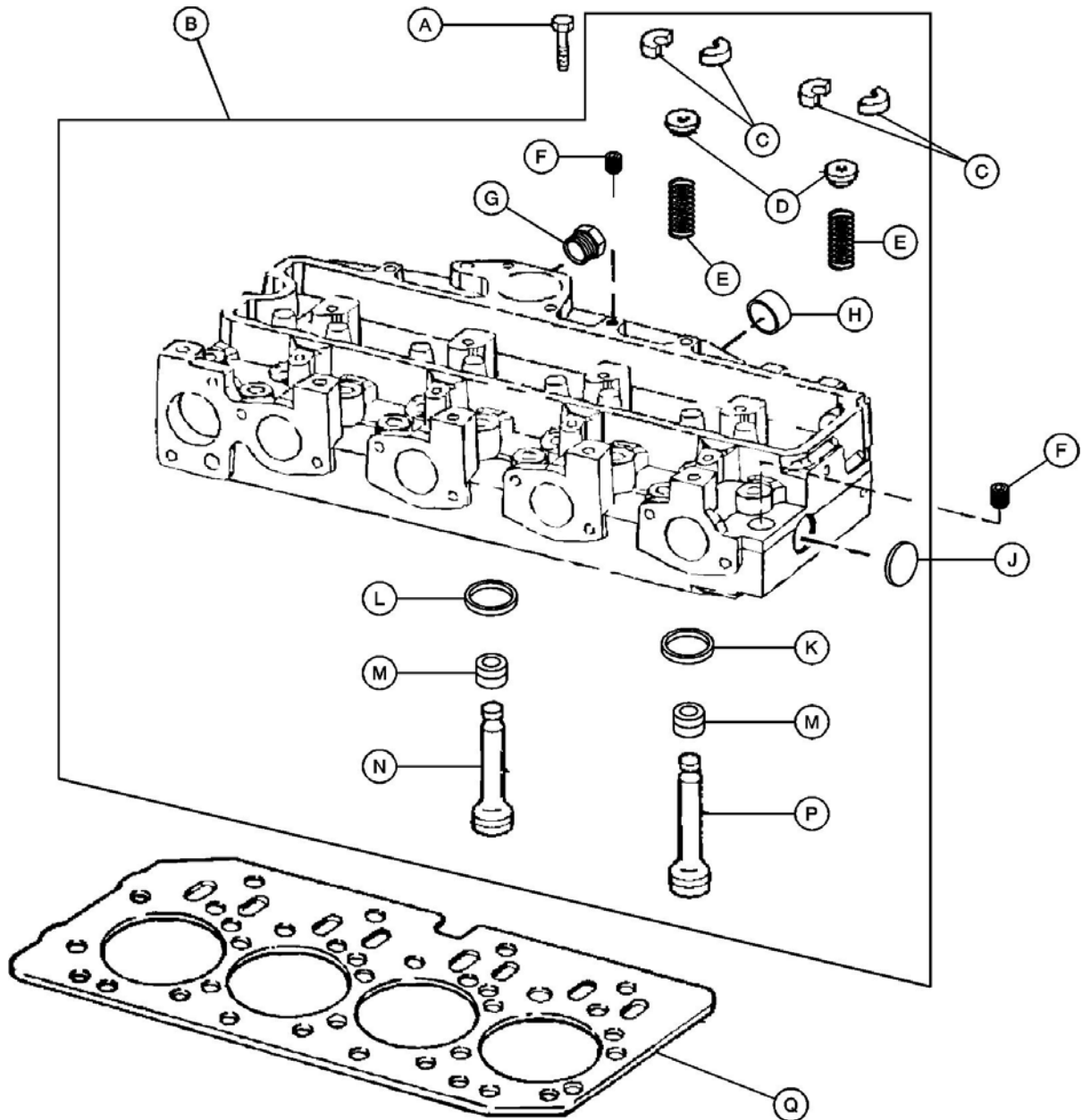
CRANK SHAFT and FLYWHEEL ASSEMBLY (cont'd)



22557888_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	

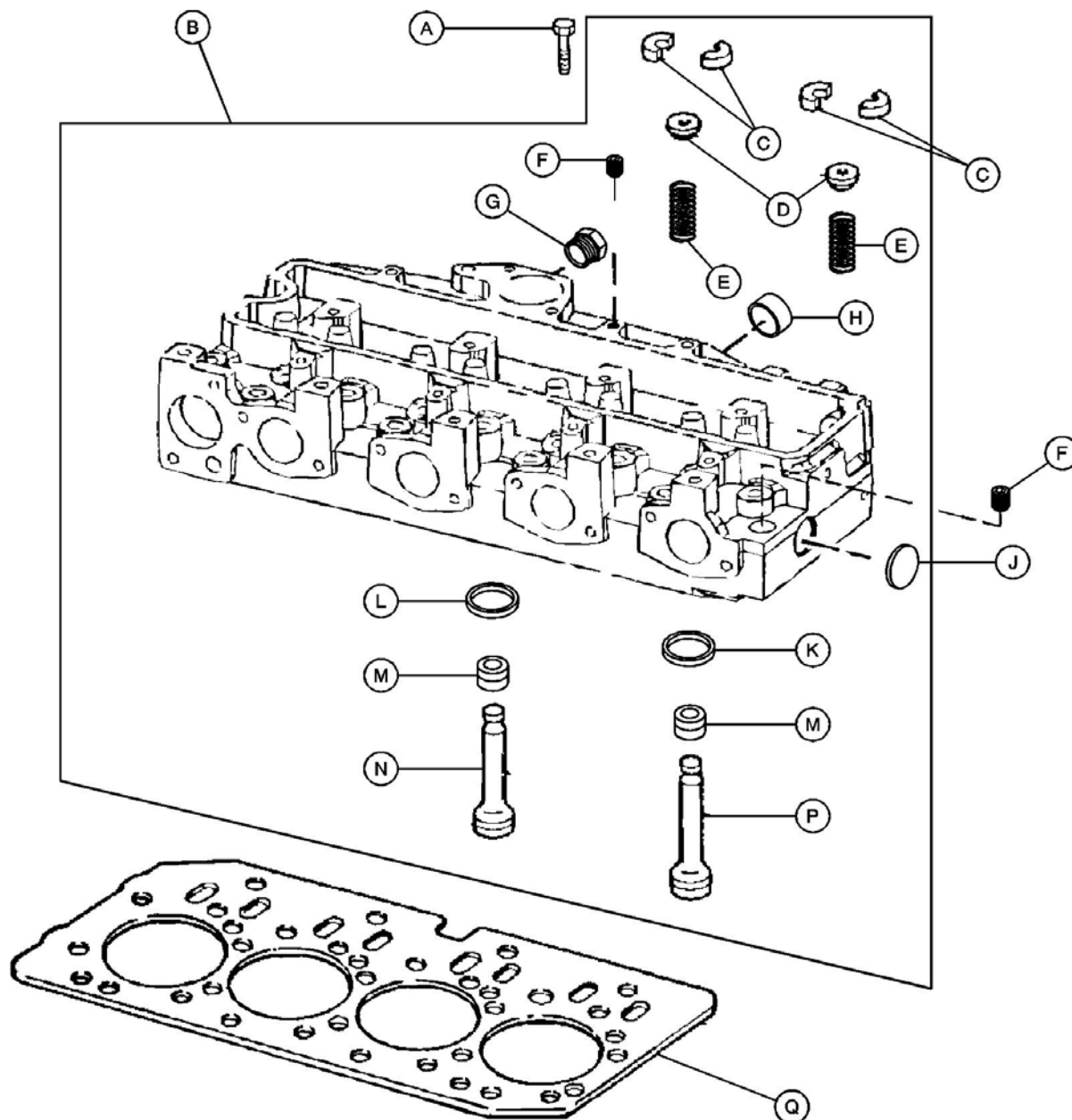
CYLINDER HEAD ASSEMBLY



22557888_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	

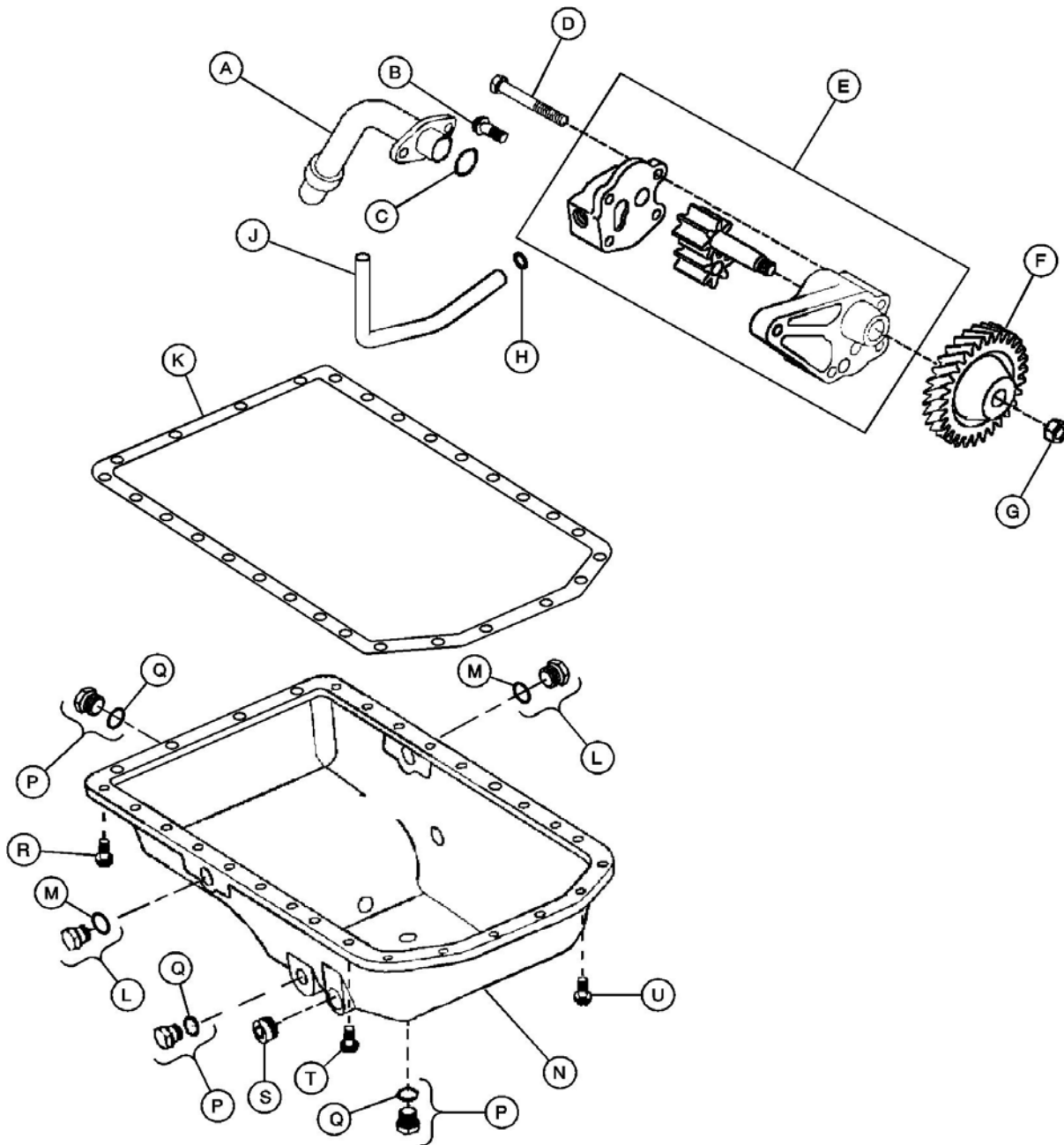
CYLINDER HEAD ASSEMBLY (cont'd)



22557888_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	

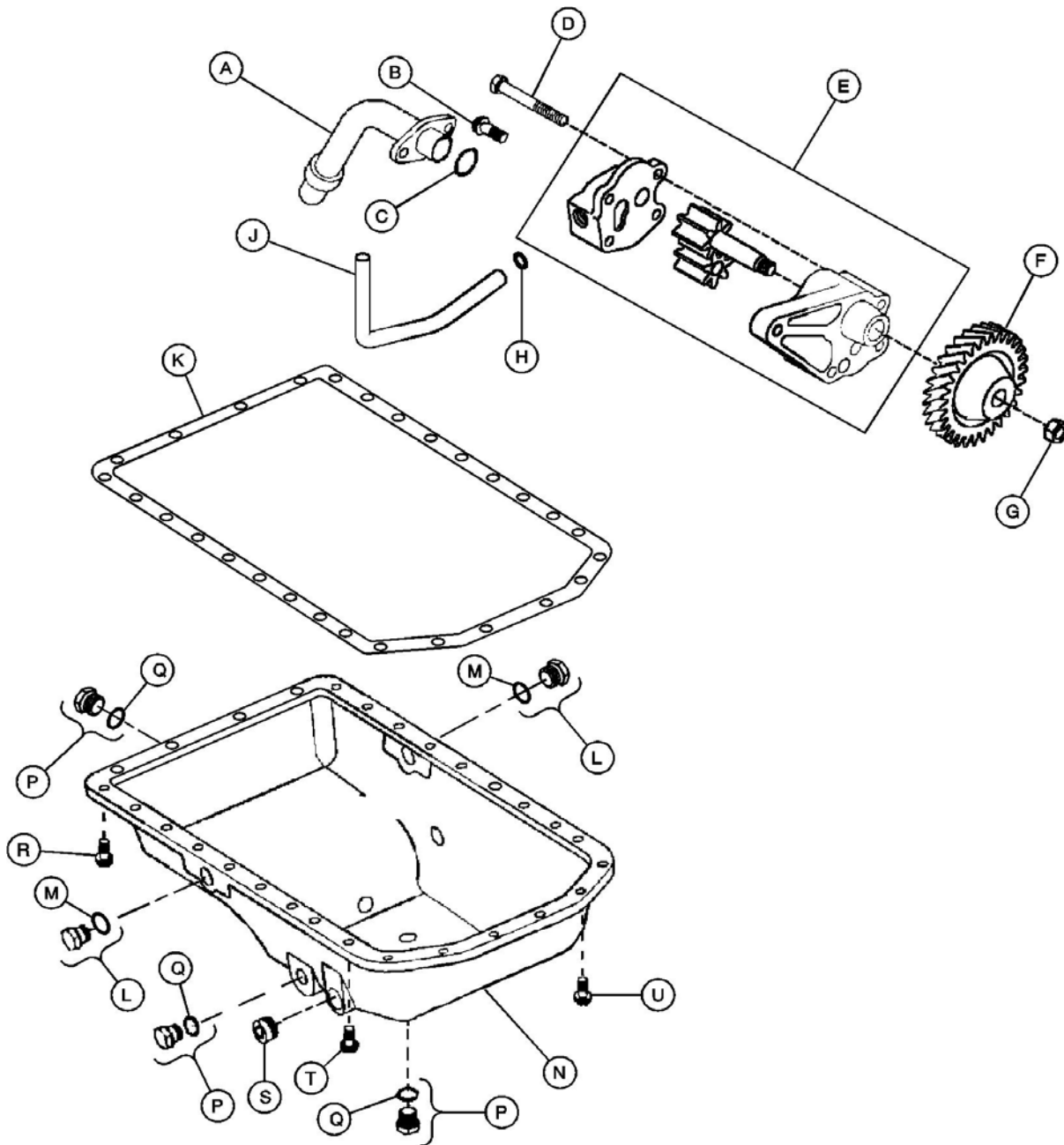
OIL PAN & OIL SUMP



22557888_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	

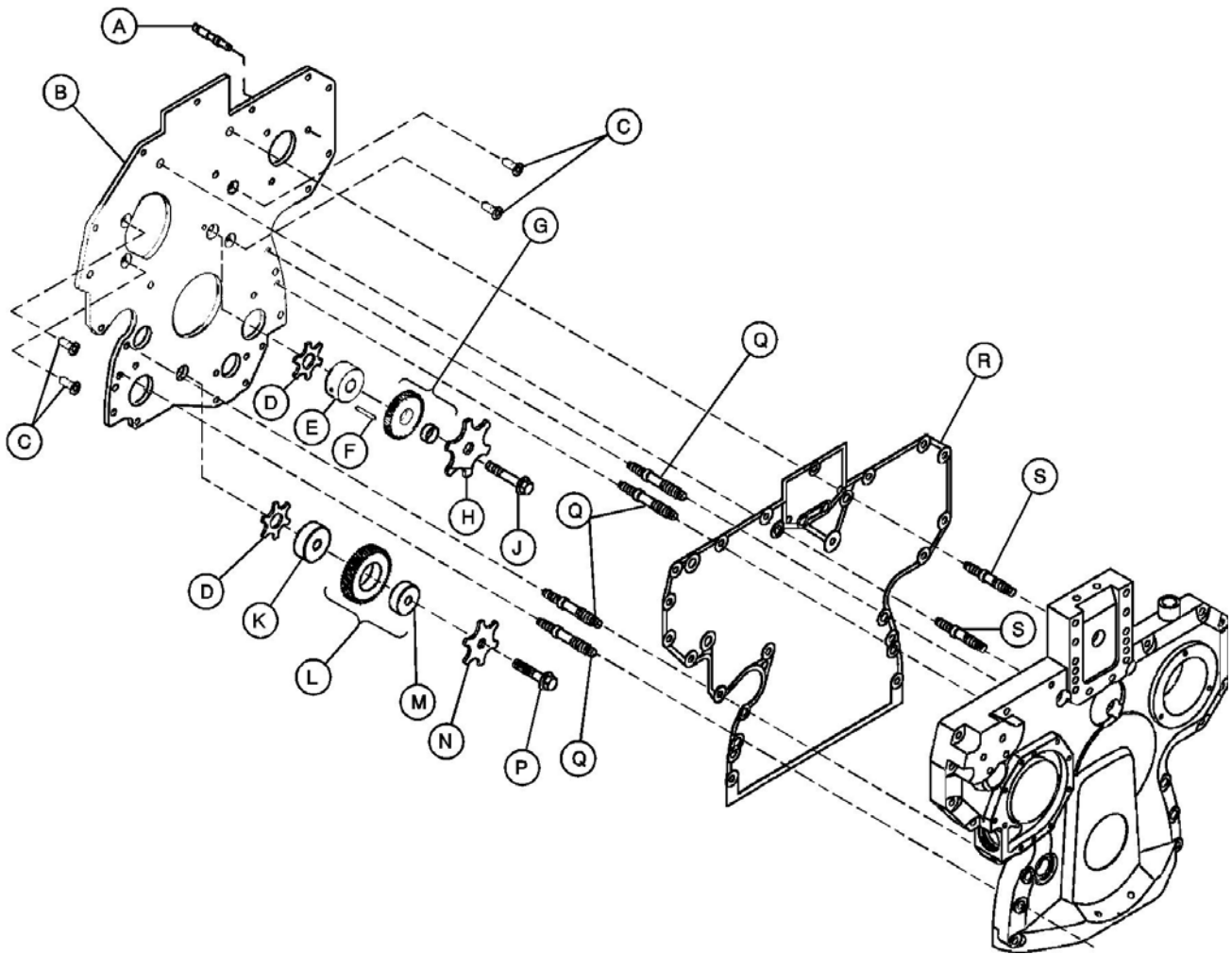
OIL PAN & OIL SUMP (cont'd)



22557888_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	

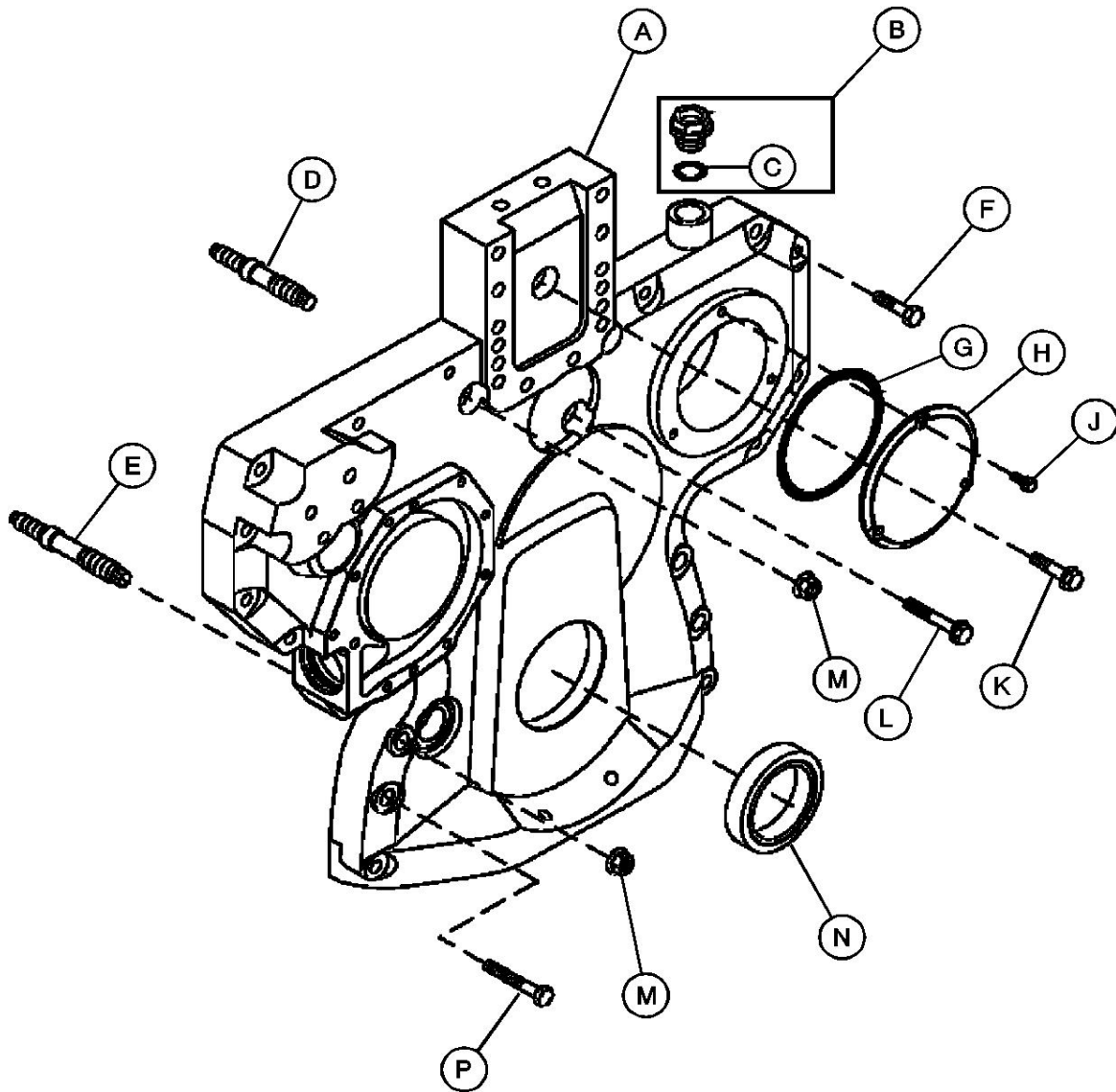
CRANKSHAFT IDLE GEARS



22557888_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	

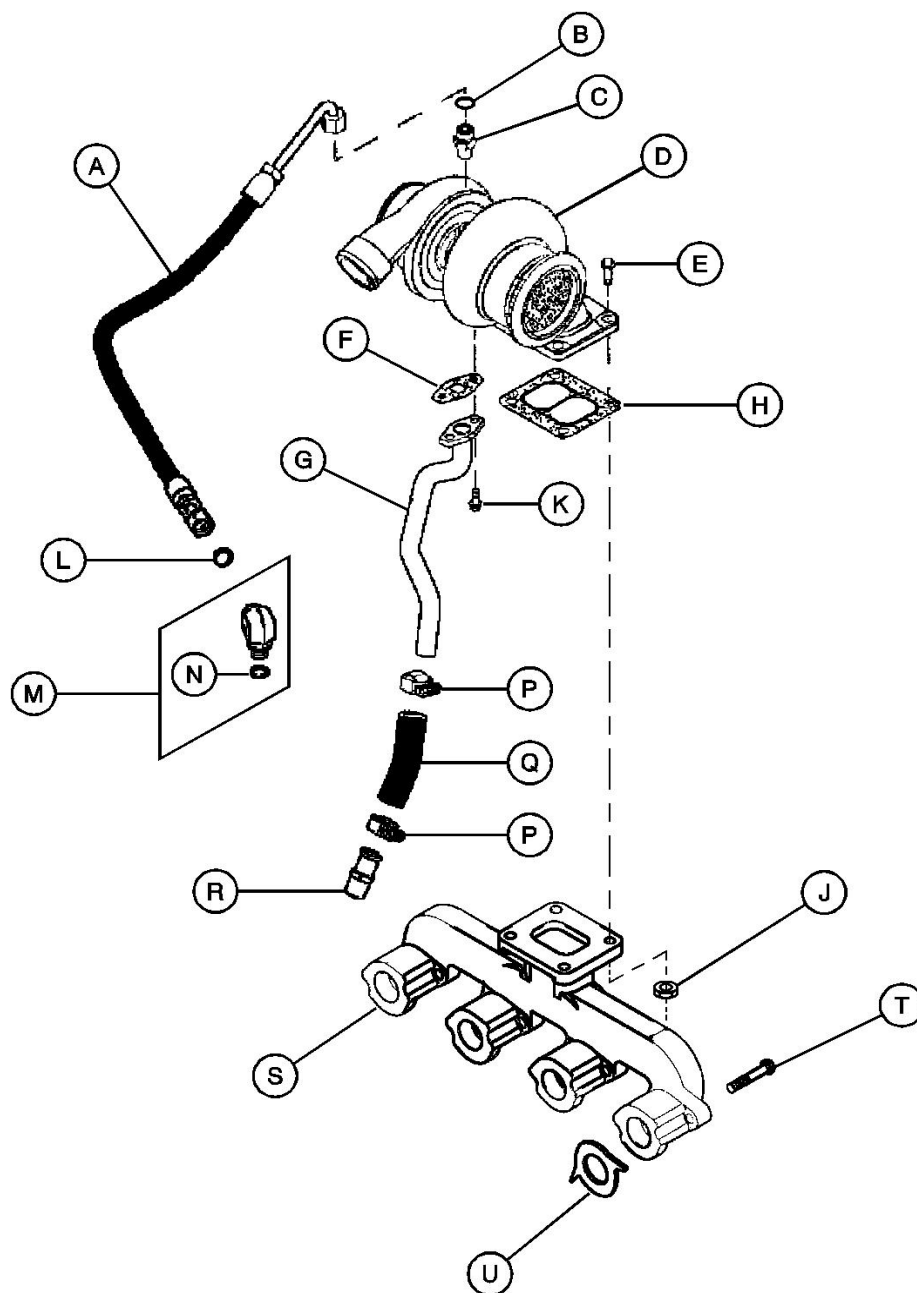
TIMING GEAR COVER



22557888_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	

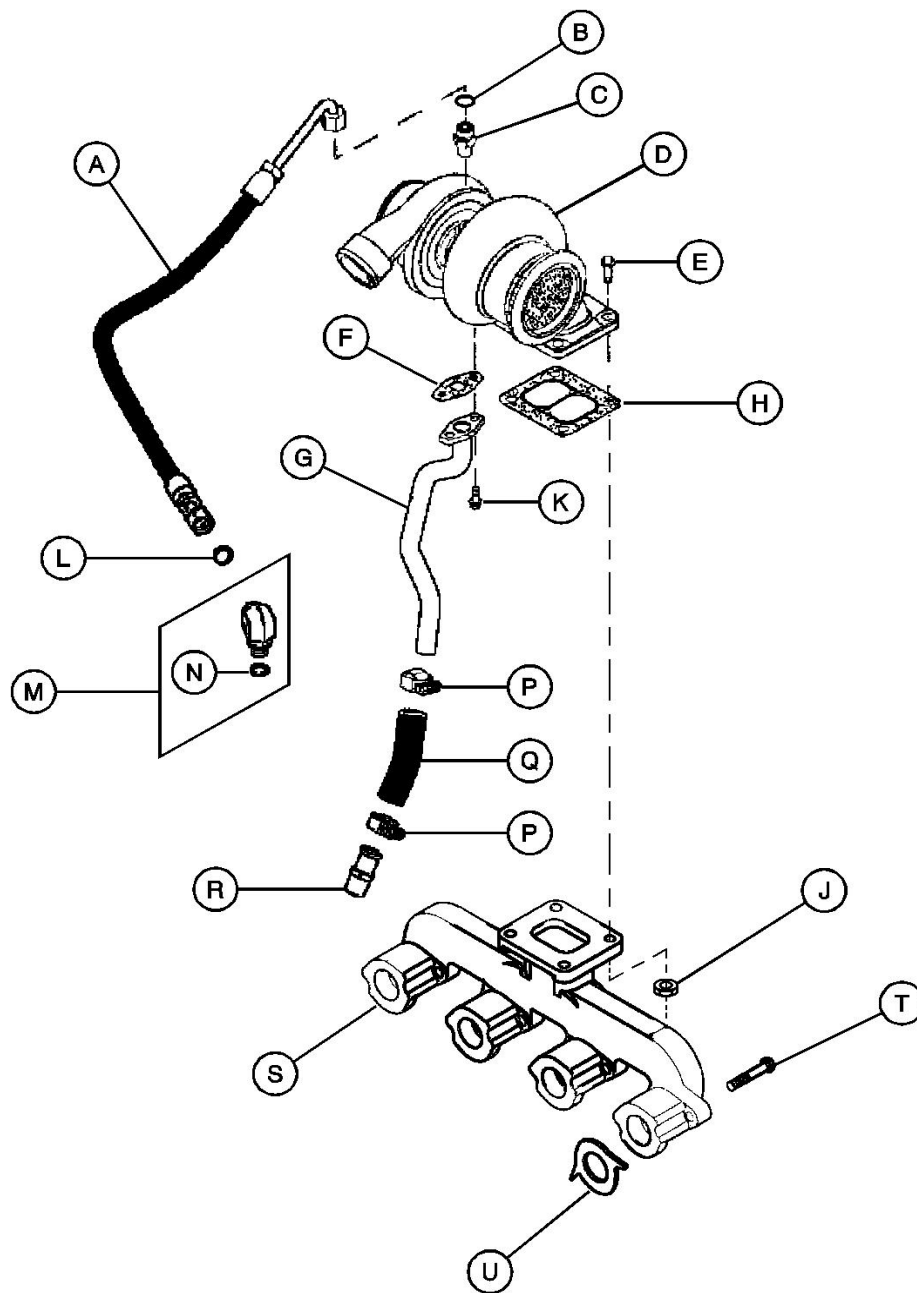
EXHAUST MANIFOLD & TURBOCHARGER



22557888_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	

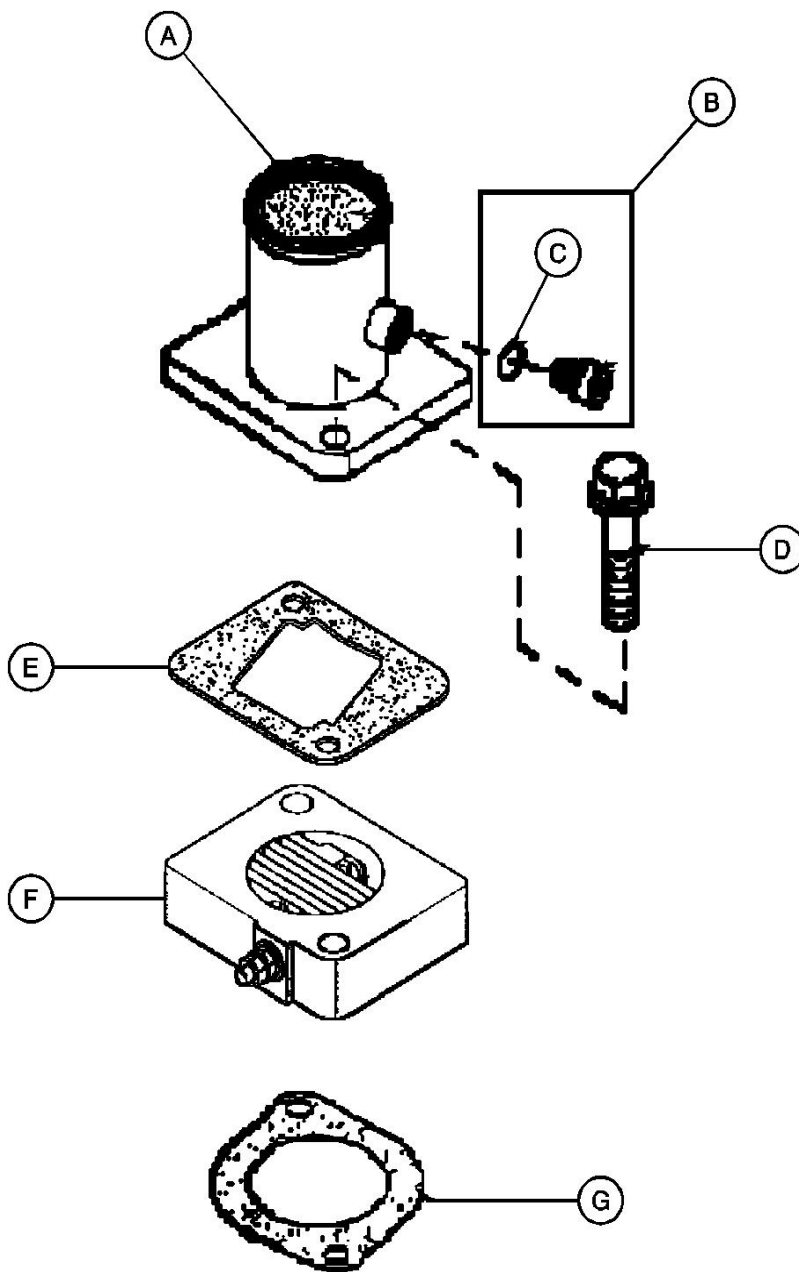
EXHAUST MANIFOLD & TURBOCHARGER (cont'd)



22557888_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	

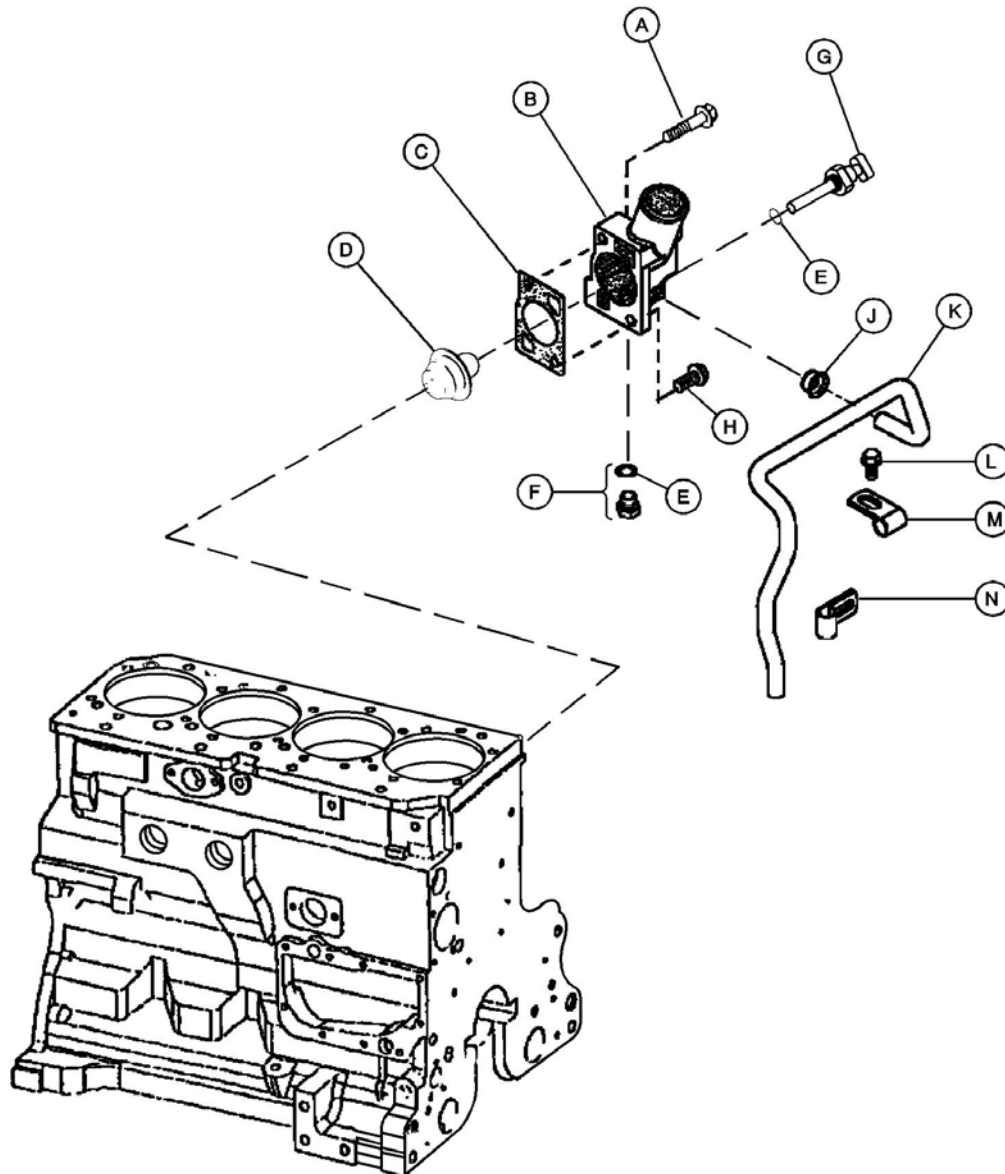
AIR INTAKE with HEATER



22557888_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	

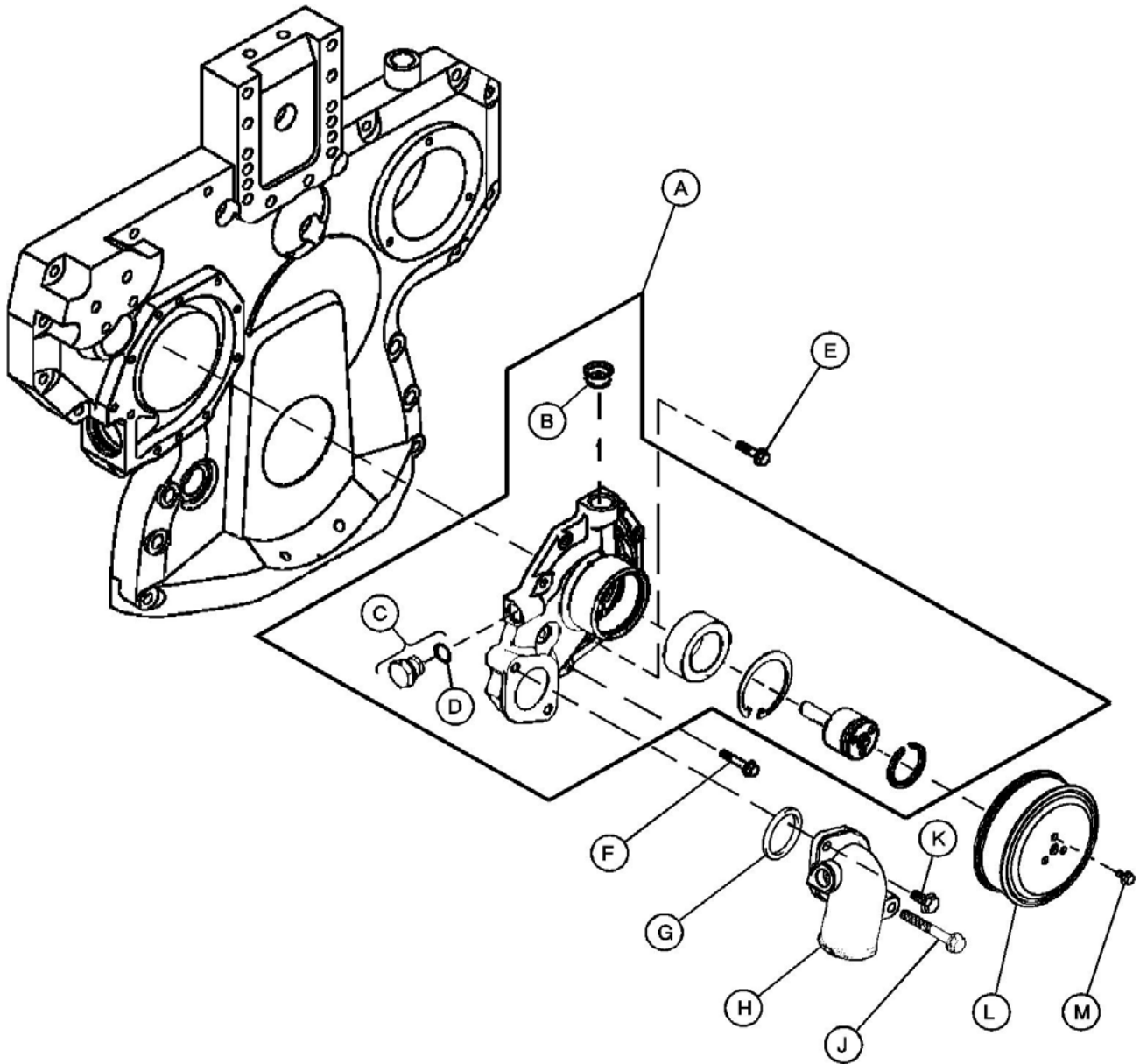
THERMOSTAT HOUSING



22557888_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	

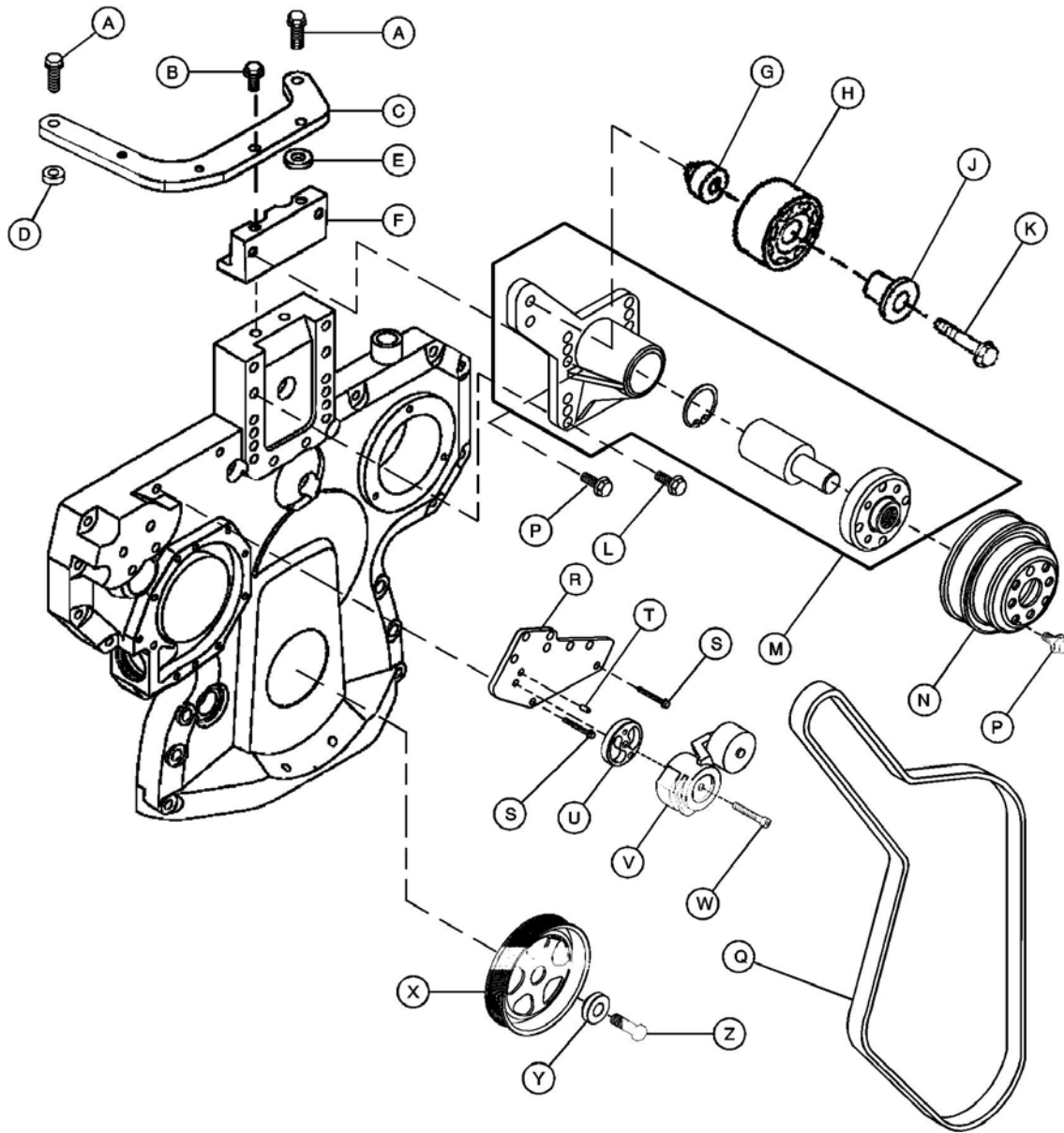
WATER PUMP



22557888_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	

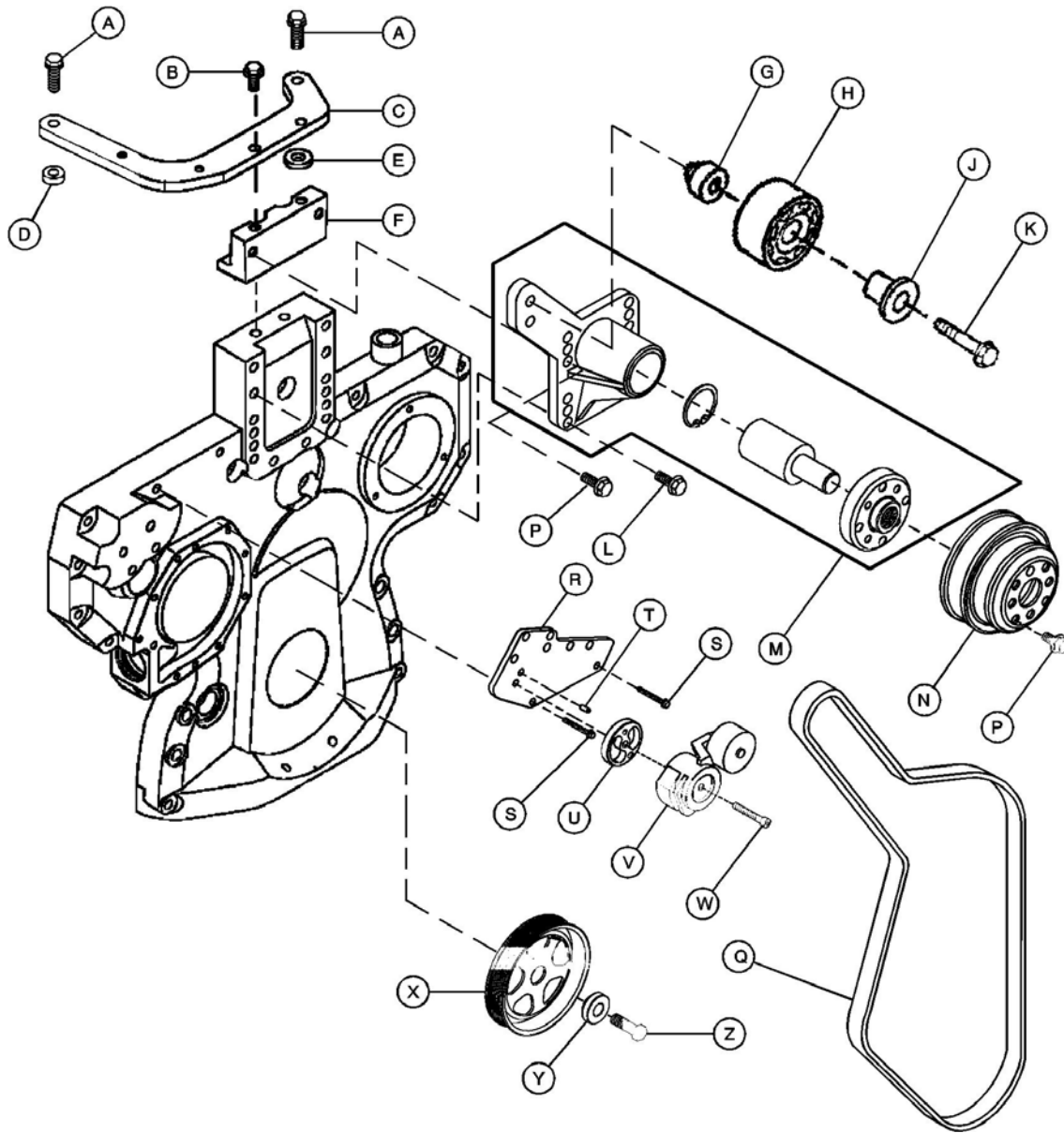
FAN DRIVE and IDLER PULLEYS



22557888_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	

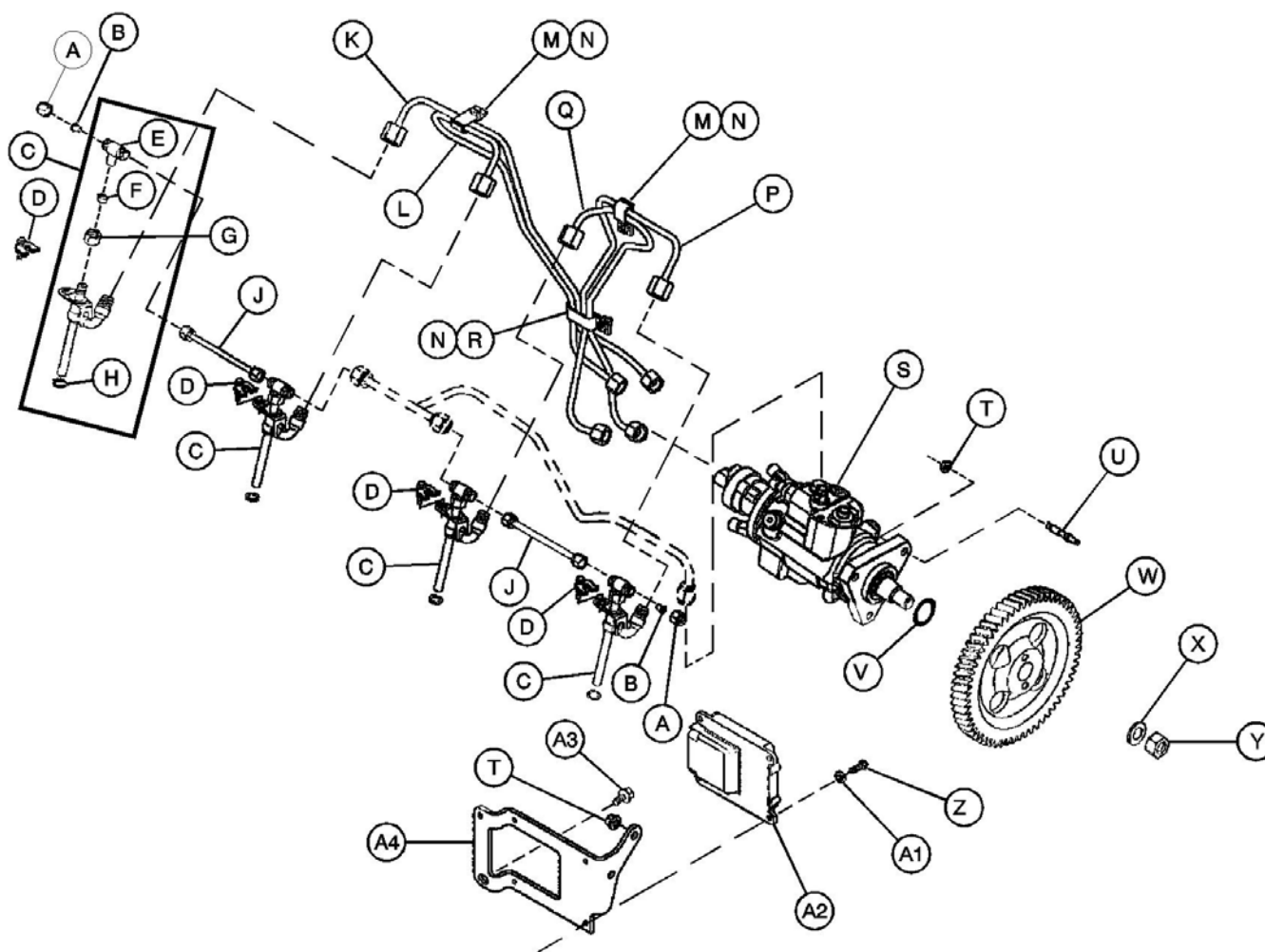
FAN DRIVE and IDLER PULLEYS (cont'd)



22557888_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	

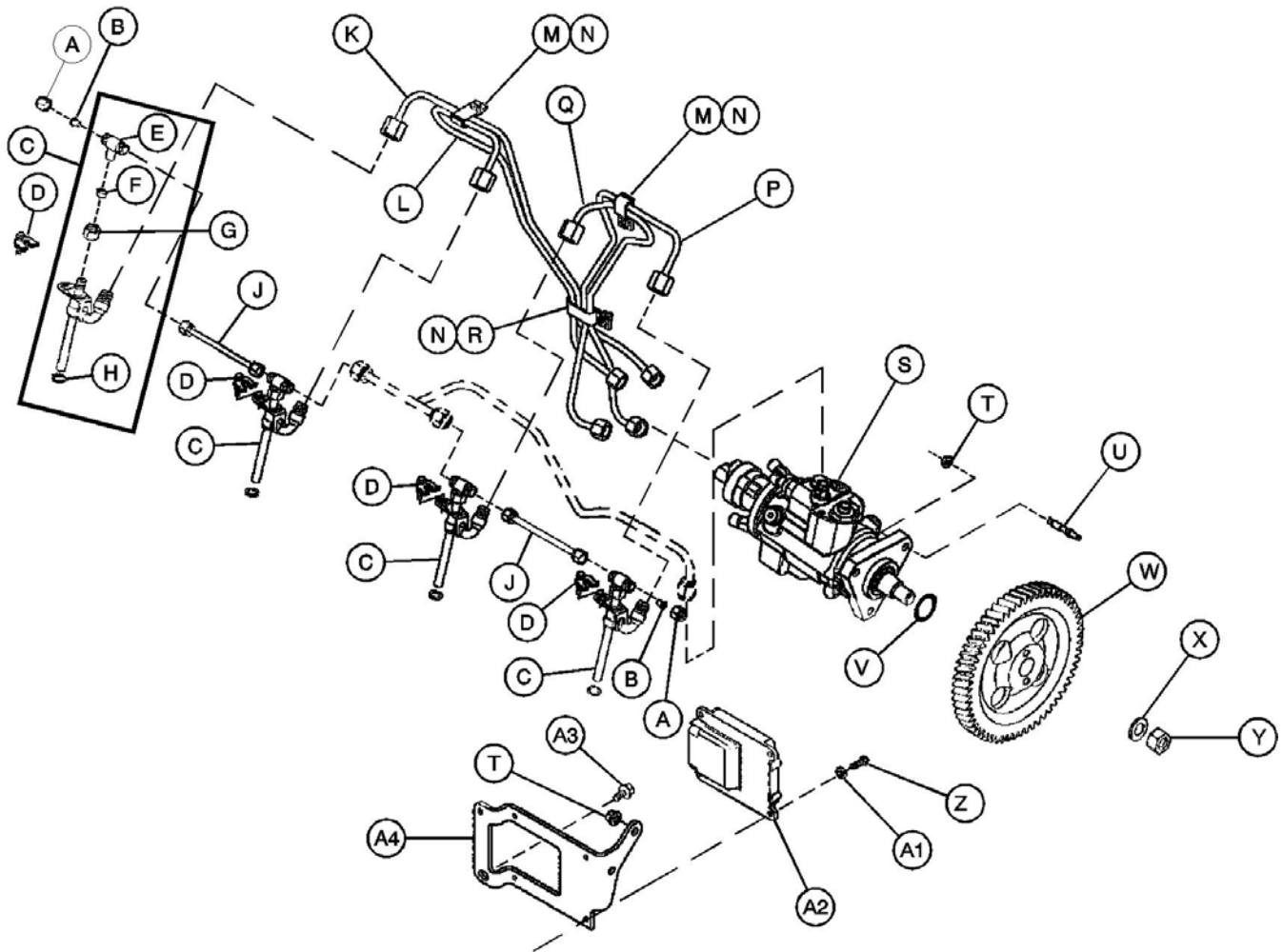
INJECTION PUMP and FUEL LINES



22557888_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	

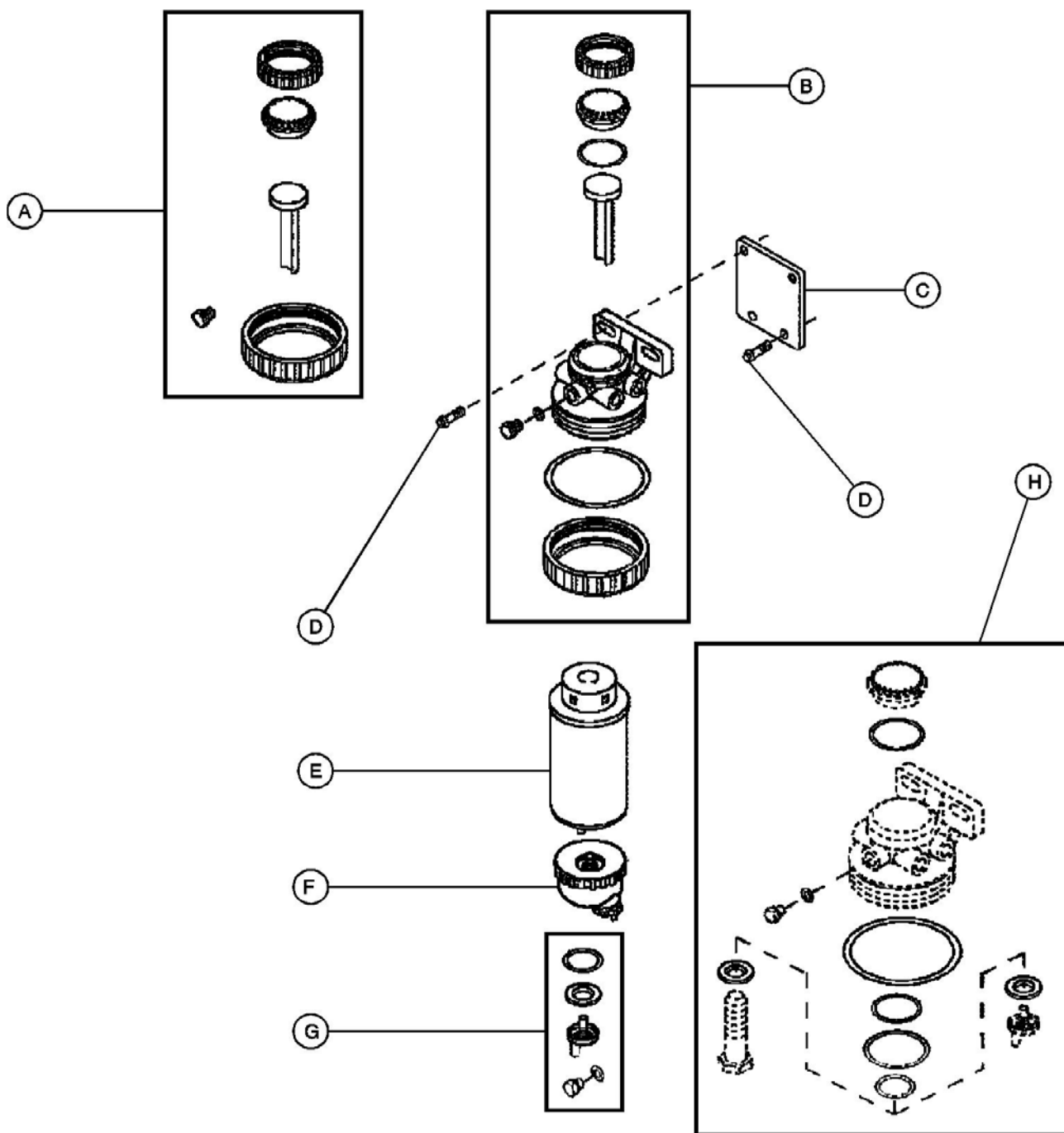
INJECTION PUMP and FUEL LINES (cont'd)



22557888_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	

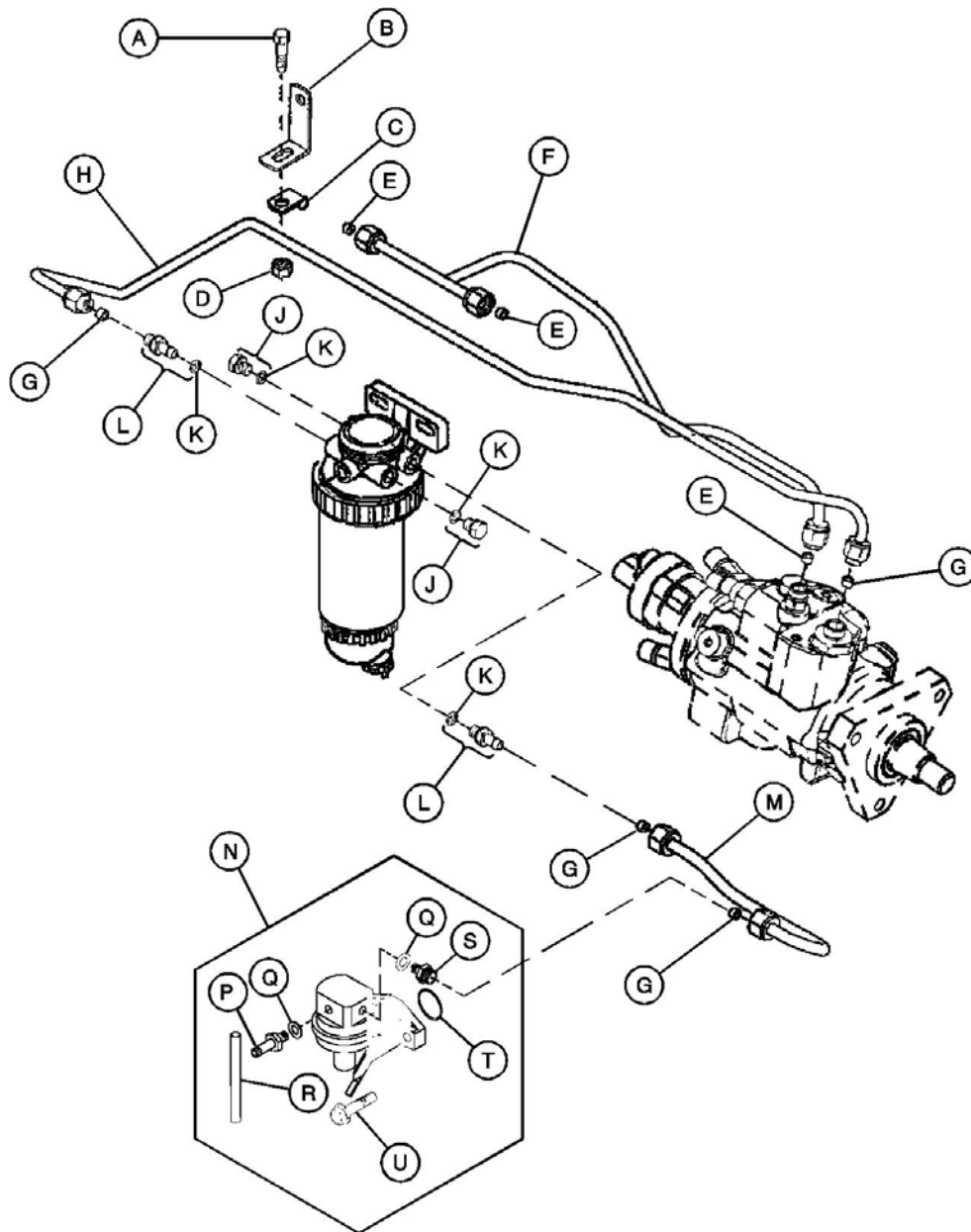
FUEL FILTER



22557888_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	

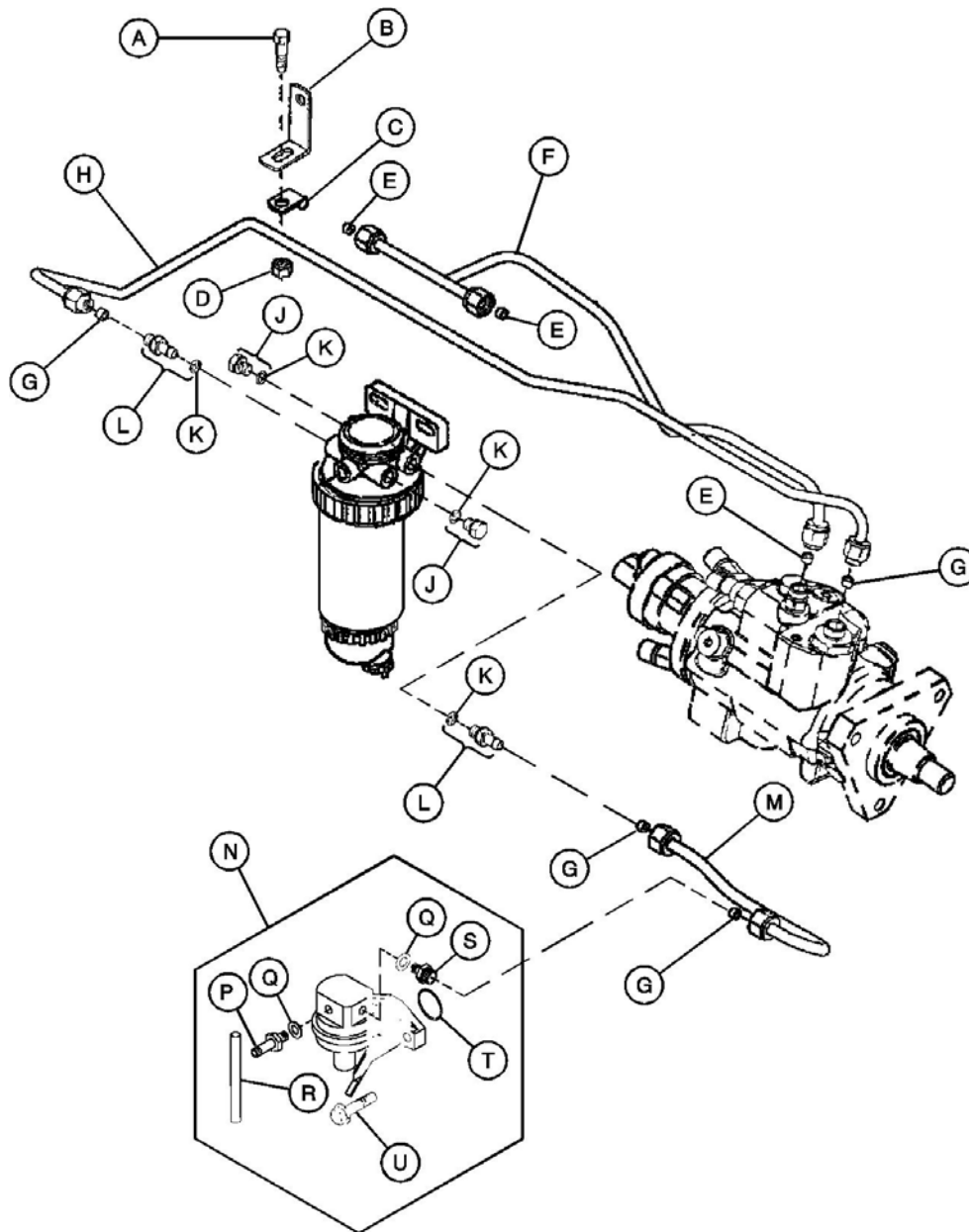
FUEL FILTER and FUEL PUMP



22557888_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	

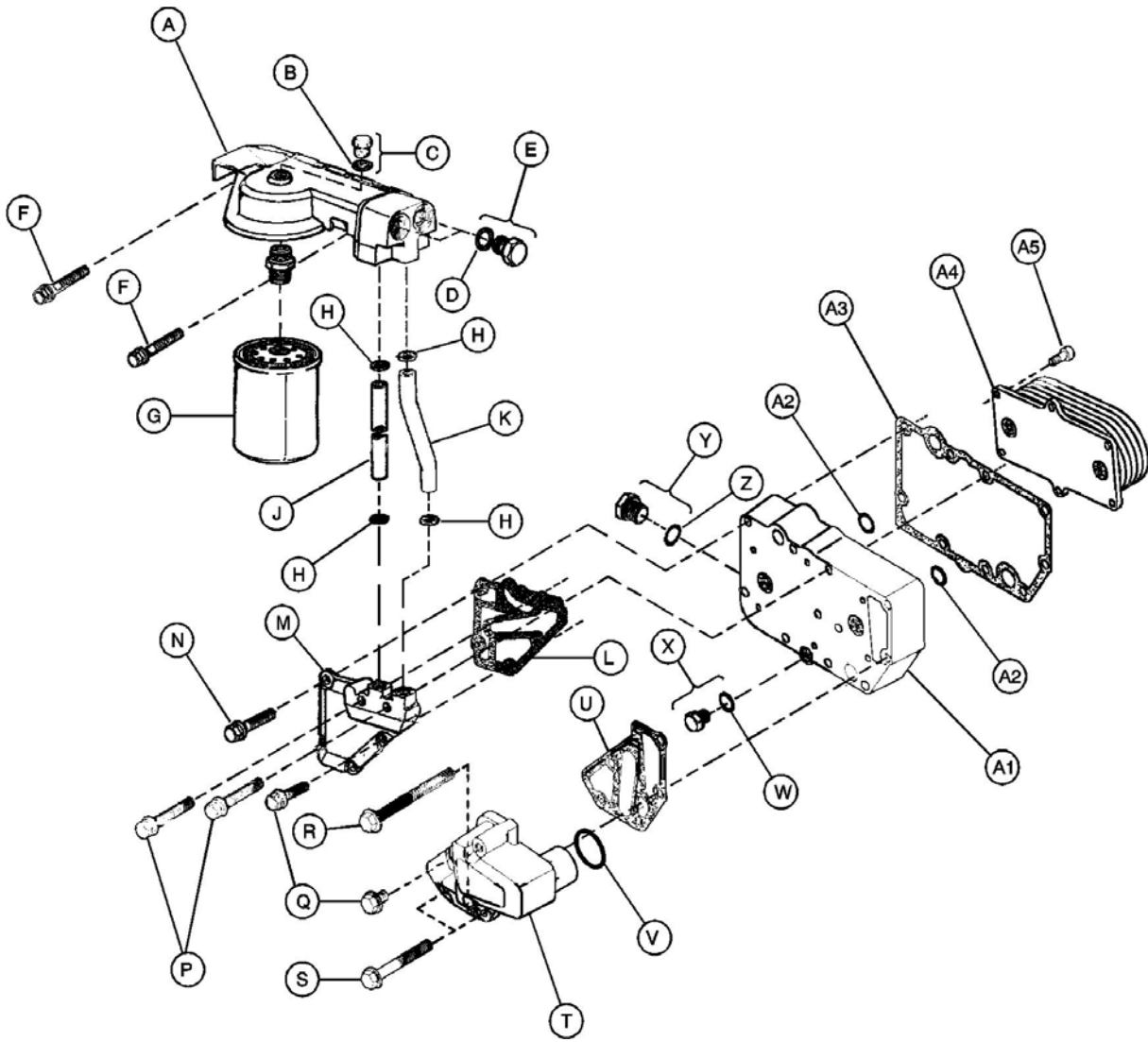
FUEL FILTER and FUEL PUMP (cont'd)



22557888_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, FUEL PUMP	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	

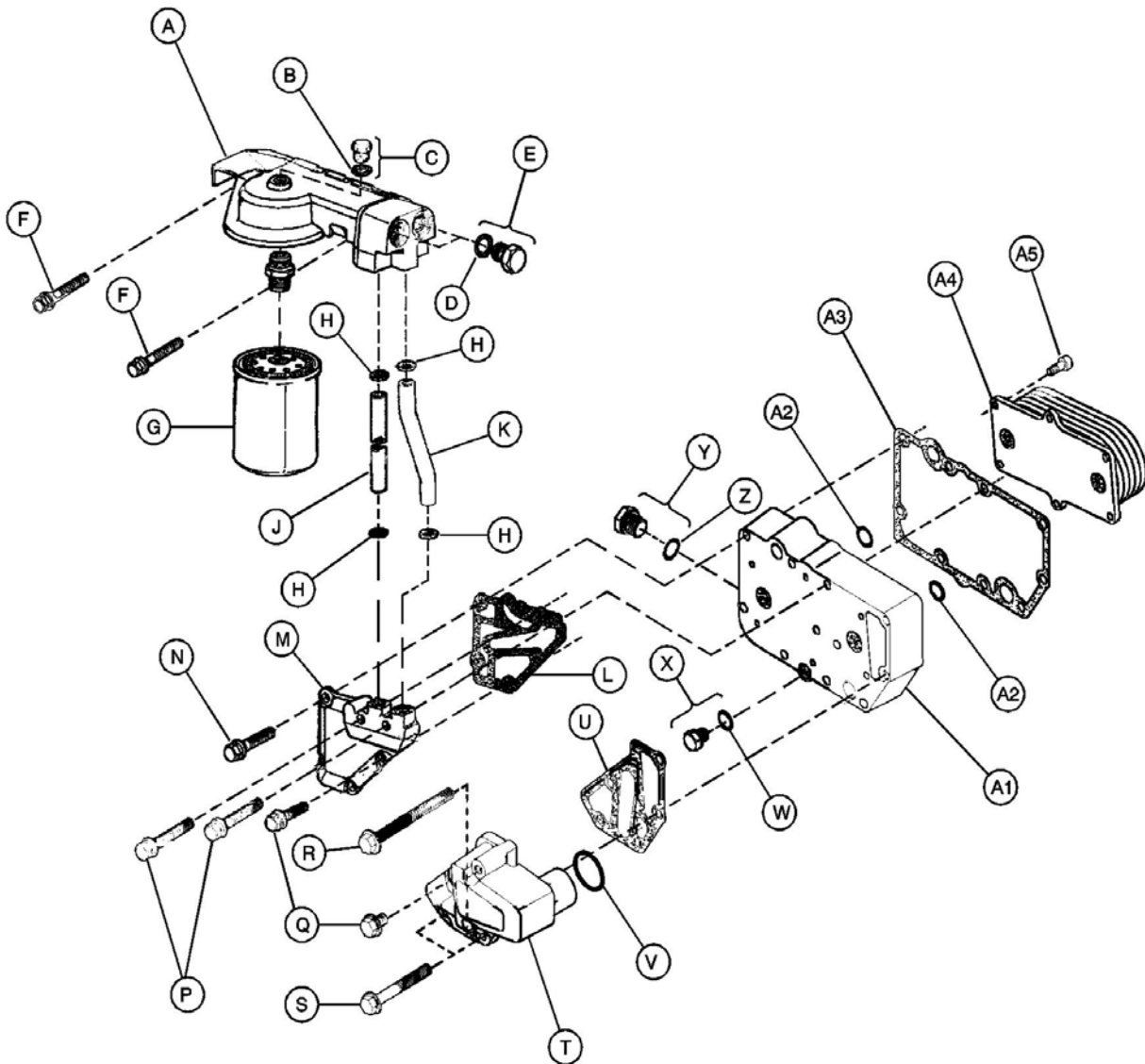
OIL FILTER and COOLER



22557888_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	

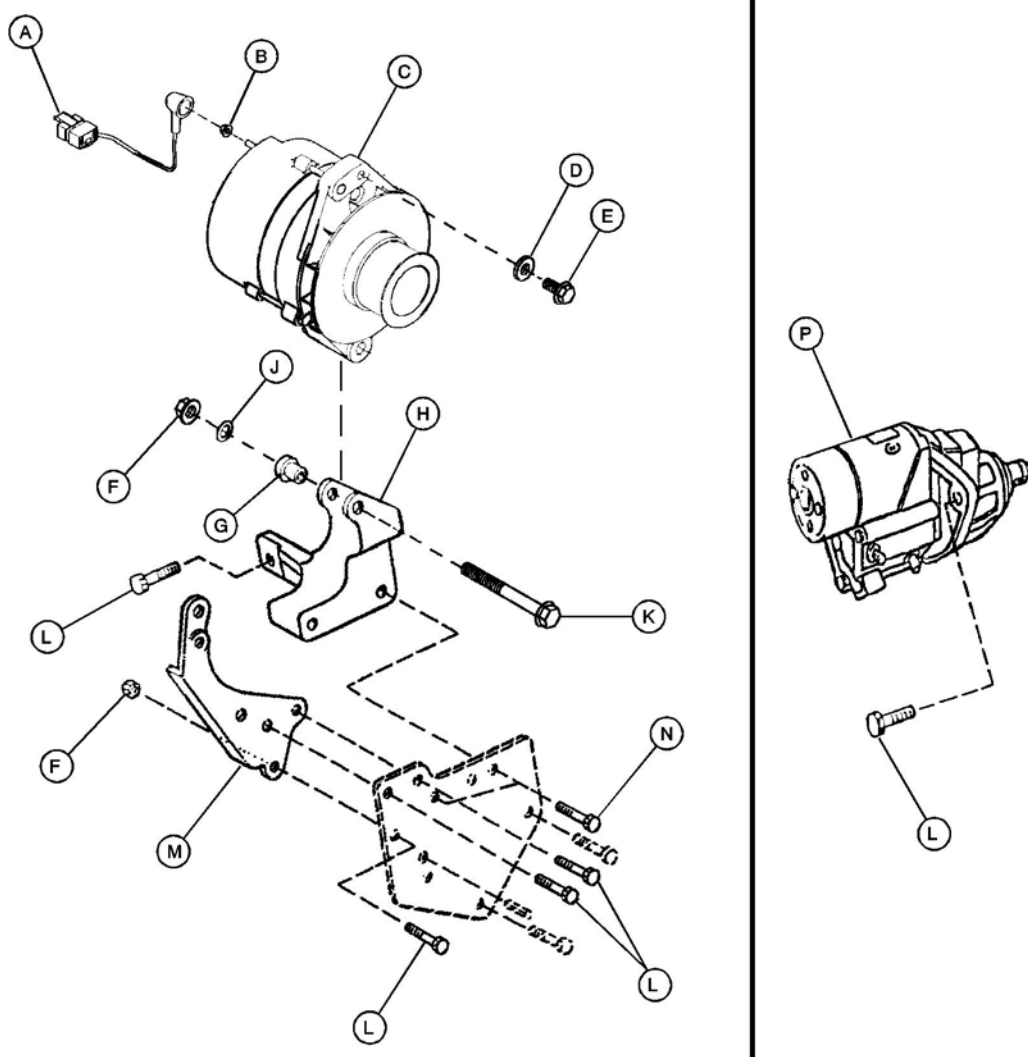
OIL FILTER and COOLER (cont'd)



22557888_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



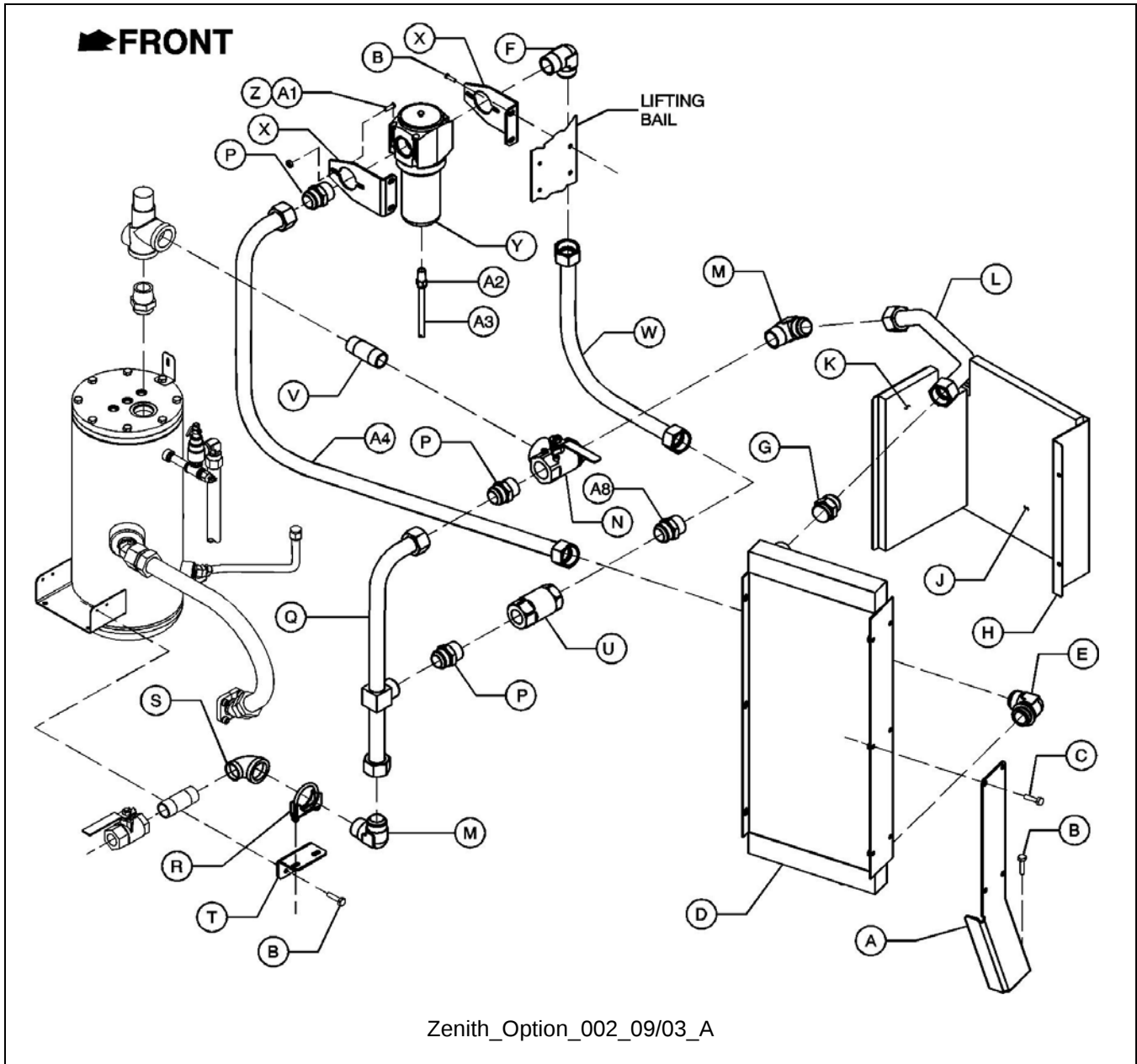
22557888_M21_07/05_A

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

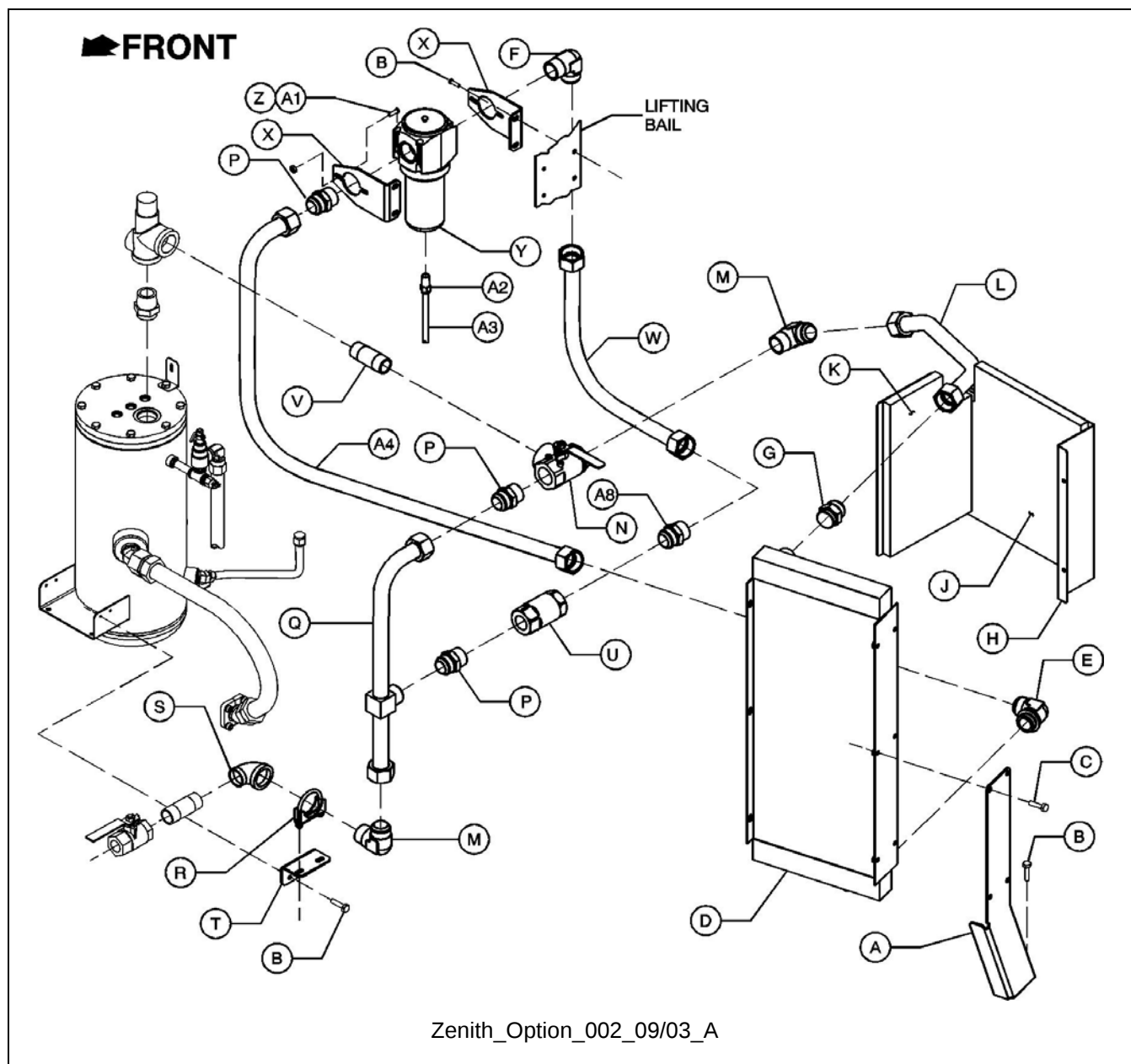


AFTERCOOLER with WATER SEPARATOR



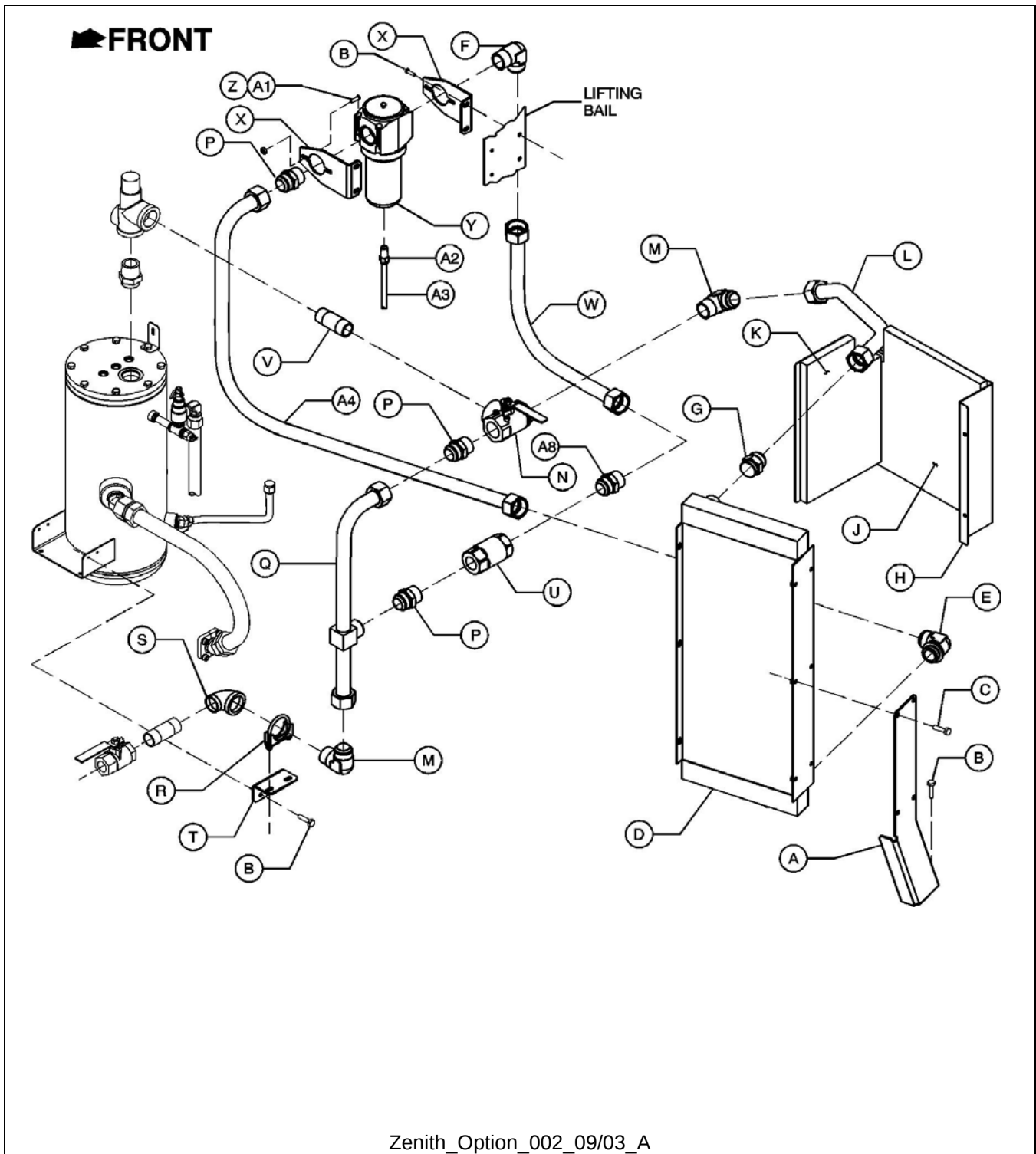
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54761622	BRACKET, AFTERCOOLER MTG.	1	
B	35279025	SCREW, TAPPING M08-1.25 X 20	8	
C	96702279	SCREW, HEX M10-1.50 X 20	2	
D	54660162	AFTERCOOLER	1	
E	95431292	ELBOW, 1.88-12 X -12JIC	1	
F	95949749	ELBOW, 1.5NPT	1	
G	35296409	CONNECTOR, 1.88-12	1	
H	22070908	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	

AFTERCOOLER with WATER SEPARATOR (cont'd)



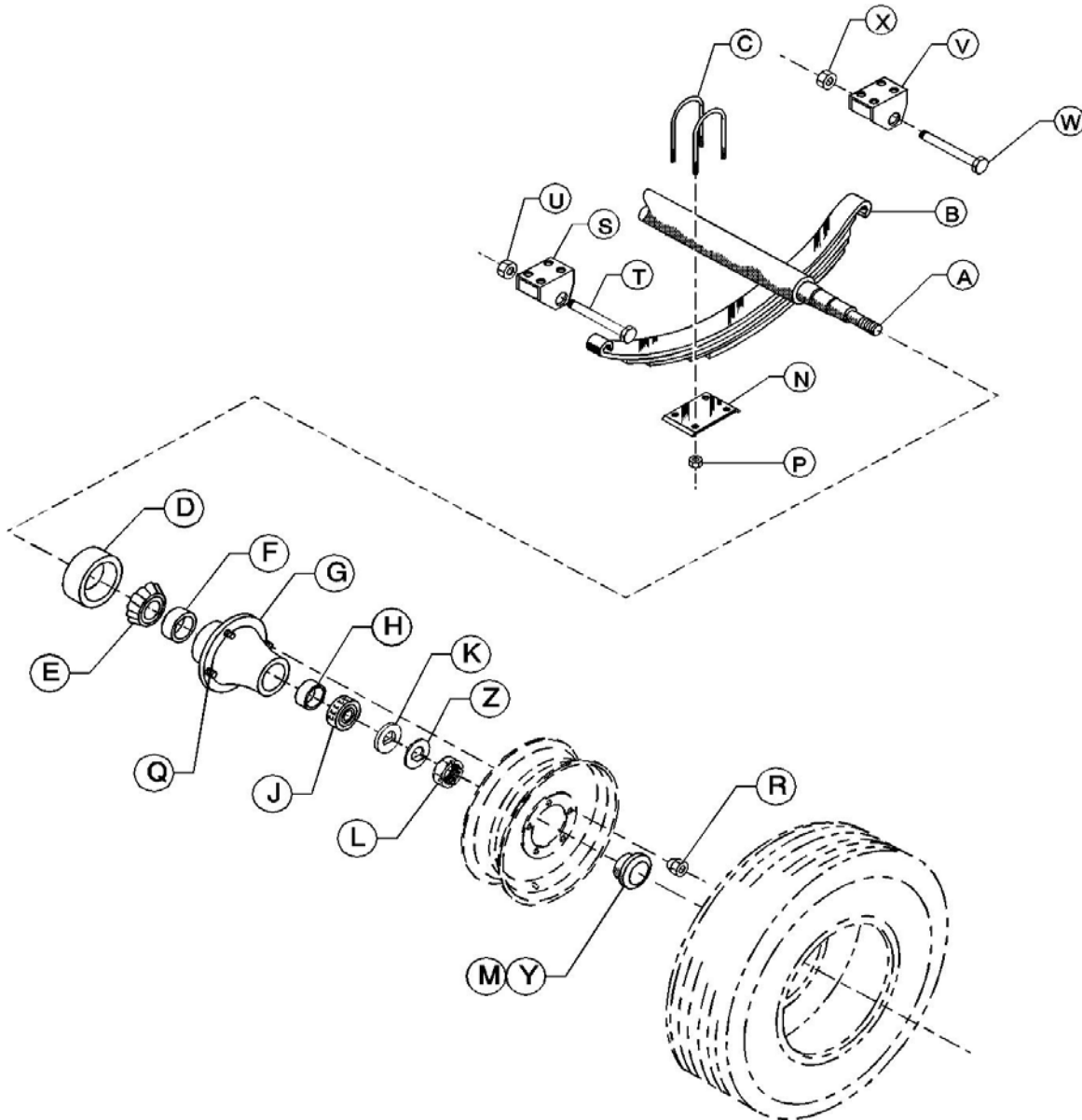
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	95208682	ADAPTER, 1.5 NPT TO -24	3	
Q	54761135	TUBE, SEPT TK / SVC PIPE	1	
R	35209048	CLAMP, SADDLE 2.50	1	
S	95928024	ELBOW, REDUCING 1.5 X 2.5	1	
T	54761648	BRACKET, SERVICE PIPE	1	
U	36786820	VALVE, CHECK 1.50 NPT	1	
V	95487773	NIPPLE, CLOSED 1.5 X 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	36880995	SCREW, HEX FLANGE M10-1.5 X 30	4	
A1	36879195	NUT, HEX FLANGE M10-1.5	4	
A2	35379700	CONNECTOR, 1/8 NPT X 3/8 TUBE	1	

AFTERCOOLER with WATER SEPARATOR (cont'd)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A3	35356484	TUBING, 3/8"	37"	
A4	35117472	HOSE, -24 JIC X 62"	1	
A5	36883270	CAP, WATER SEPARATOR	*	
A6	36883098	KIT, WATER SEPARATOR	*	
A7	35378231	KIT, DRAIN	*	
A8	36883155	ADAPTER, 1.5NPT TO 1.50JIC	1	

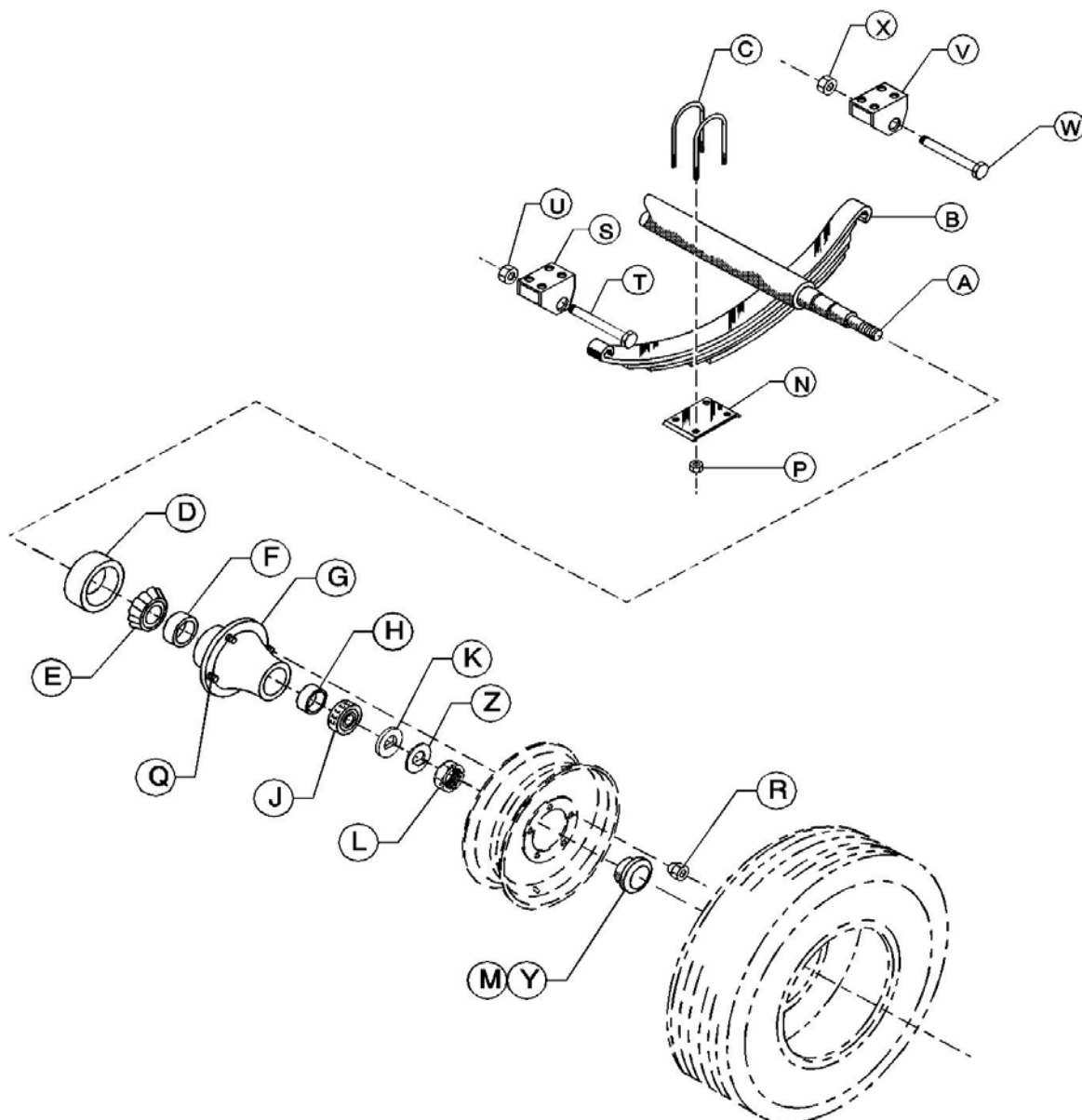
RUNNING GEAR without BRAKES



Zenith_Option_003_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54750997	BEAM, AXLE	1	
B	35315126	SPRING, SLIPPER	2	
C	35316959	U-BOLT	4	
D	35316868	SEAL, GREASE	2	
E	35316876	CONE, INNER BEARING	2	
F	35316884	CUP, INNER BEARING	2	
G	35318823	HUB, STUDDED w/CUPS	2	
H	35318831	CUP, OUTER BEARING	2	
J	35318849	CONE, OUTER BEARING	2	
K	35315209	WASHER, SPINDLE	2	
L	35315217	NUT, SPINDLE	2	
M	35379395	CAP, GREASE DUST	2	

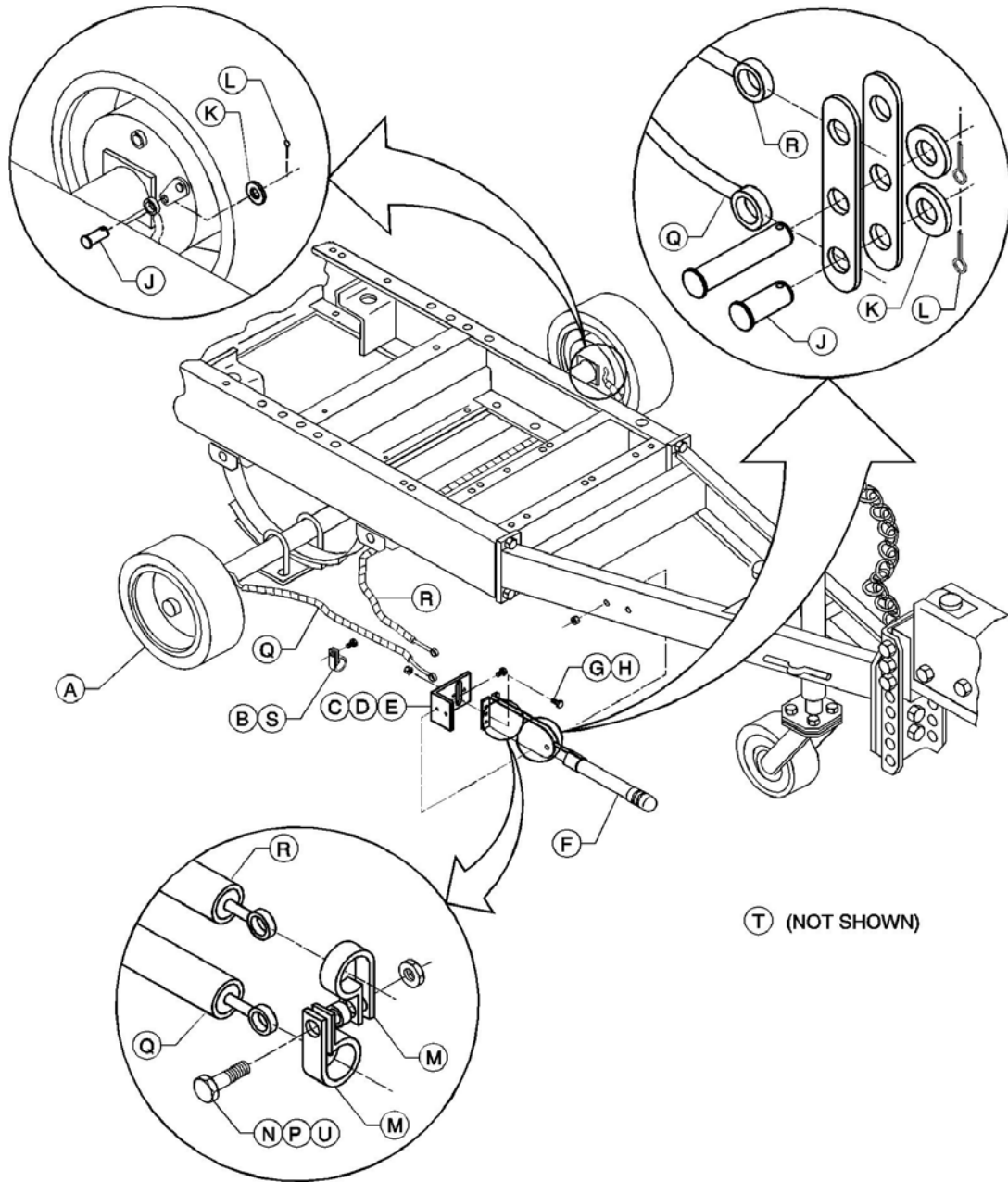
RUNNING GEAR without BRAKES (cont'd)



Zenith_Option_003_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35315241	PLATE, TIE	2	
P	35315258	NUT, U-BOLT	4	
Q	35361898	STUD	12	
R	35315274	NUT, WHEEL	12	
S	35326958	HANGER, FRONT	2	
T	35315340	BOLT, SHACKLE	2	
U	35315357	NUT, TOP LOCK	2	
V	35326966	HANGER, REAR	2	
W	35315365	BOLT, KEEPER	2	
X	35315373	NUT, KEEPER	2	
Y	35379387	PLUG, GREASE CAP	2	
Z	35390012	WASHER, TANG	2	

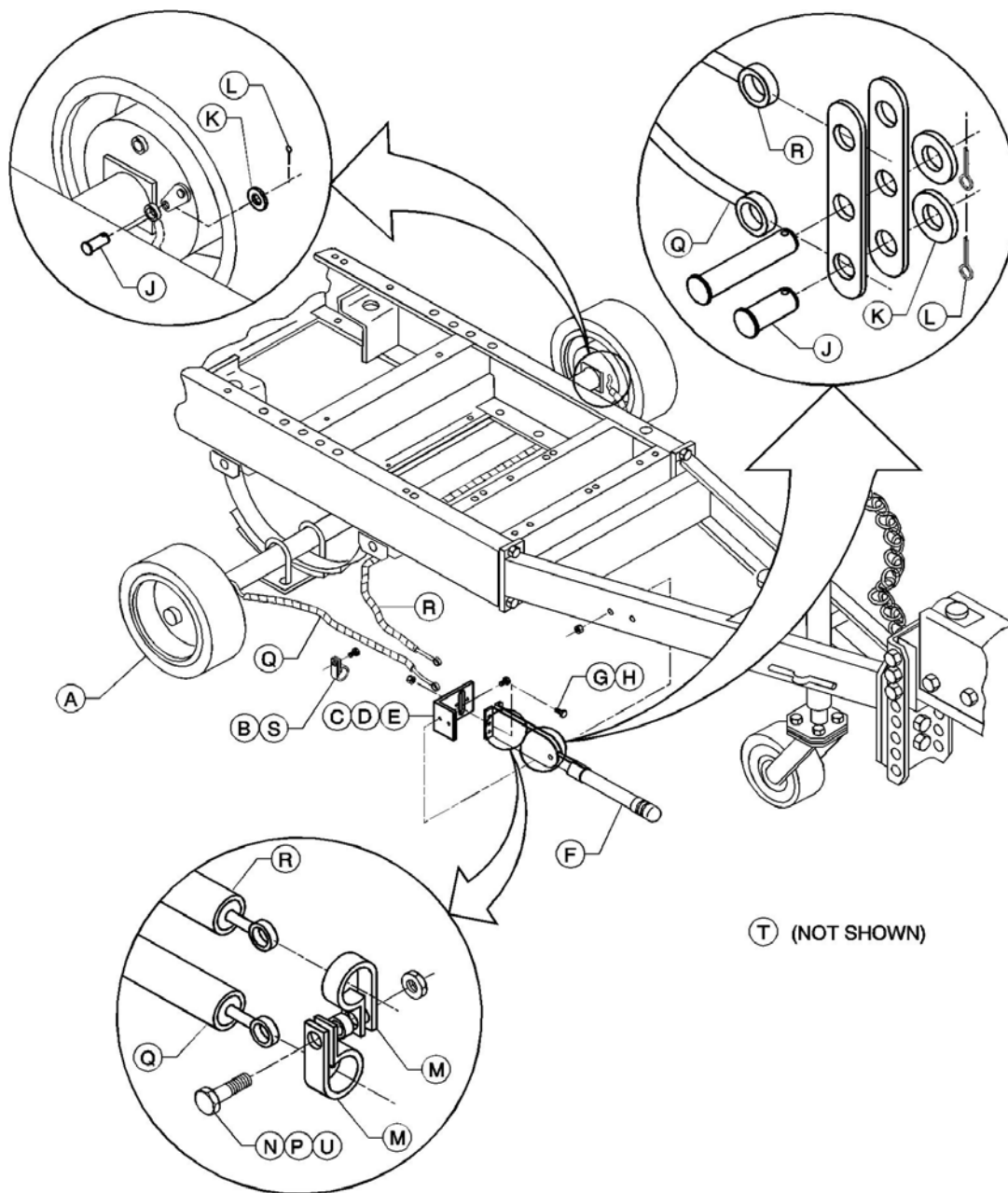
BRAKES, PARKING



Zenith_Option_004_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54625322	RUNNING GEAR W/ BRAKES	1	
B	35134477	CLAMP, RUBBER COATED	2	
C	35116433	BRACKET, BRAKE LEVER	1	
D	96704309	SCREW, HEX M10-1.50 X 35	2	
E	96735550	NUT, HEX M10	2	
F	35370055	LEVER, PARKING BRAKE	1	
G	96702659	SCREW, HEX M08-1.25 X 25	2	
H	96735543	NUT, HEX M08	2	
J	36846780	PIN, CLEVIS .31 X .75	4	
K	95934998	WASHER, FLAT 3/8	4	

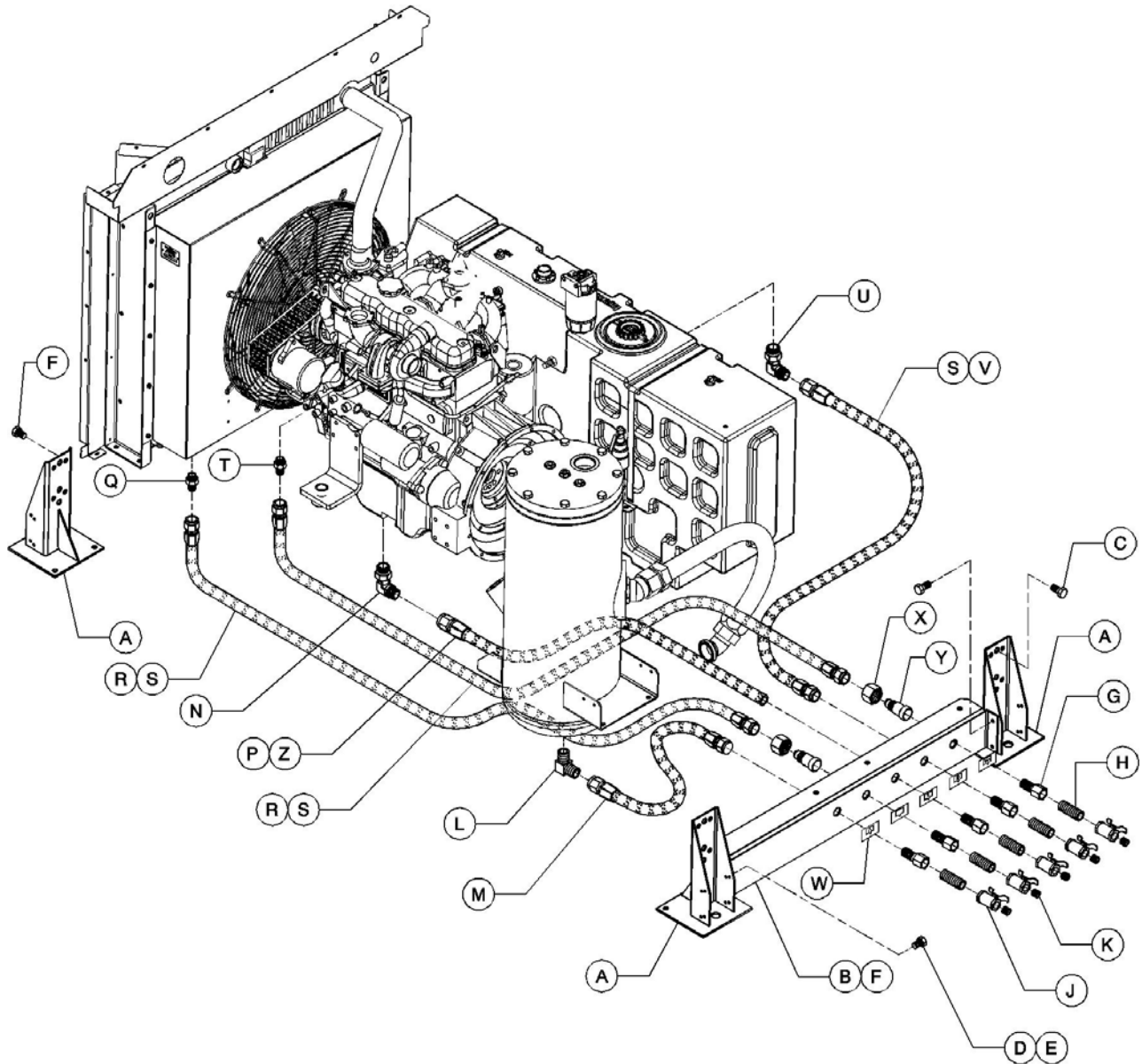
BRAKES, PARKING (cont'd)



Zenith_Option_004_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95928867	PIN, COTTER .09	4	
M	35126325	CLAMP, CABLE	2	
N	95943668	SCREW, HEX 5/16-18 X 1.75	1	
P	35126358	SPACER	1	
Q	35589746	ASSEMBLY, BRAKE CABLE 78	1	
R	36503134	ASSEMBLY, BRAKE CABLE 108	1	
S	35300771	SCREW, TAPPING M06-100 X 20	1	
T	35253038	CLAMP, RUBBER COATED	3	
U	35252600	NUT, LOCKING 5/16-18	1	

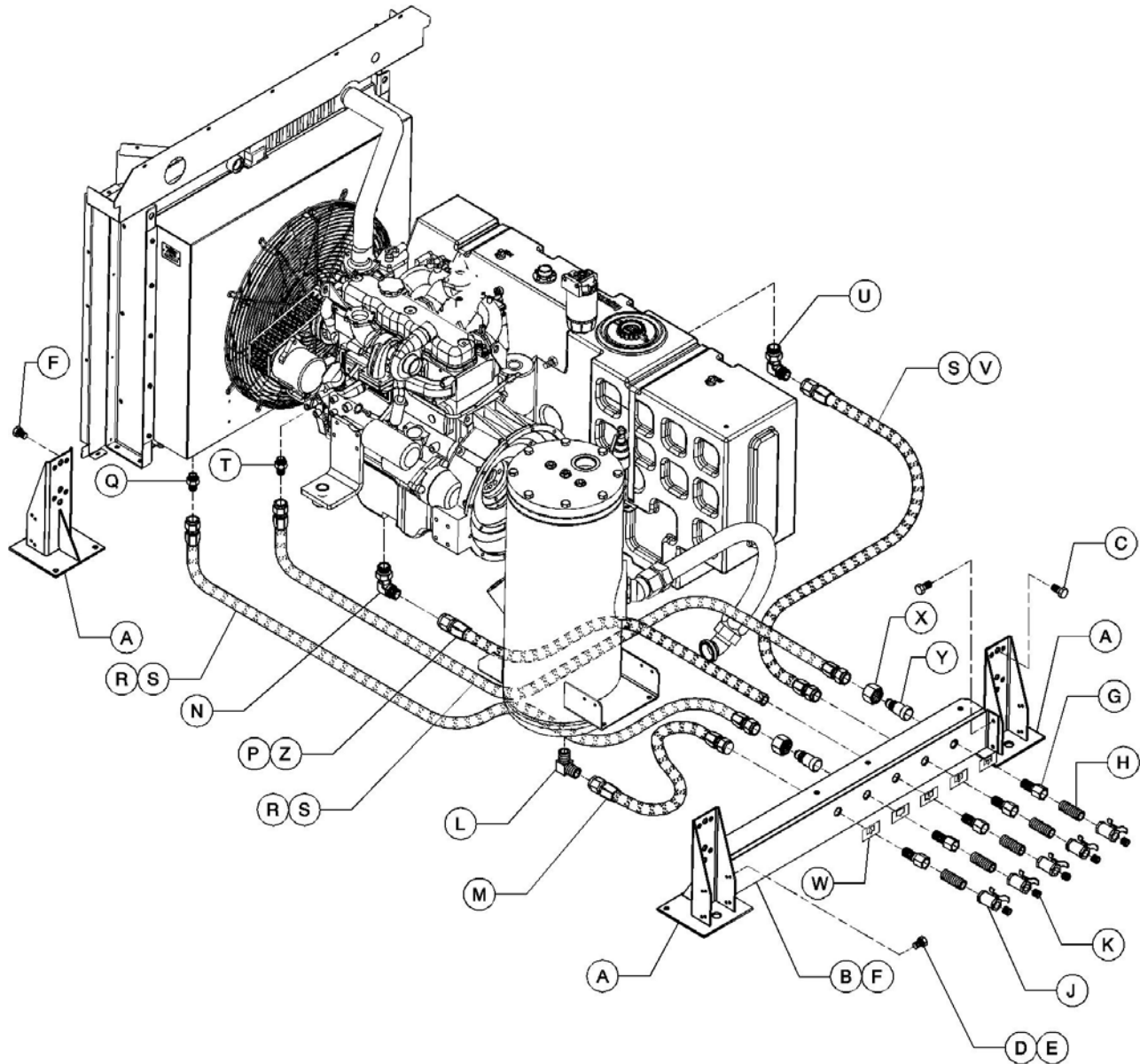
DRAINS, CENTRAL



Zenith_Option_005_09/03_A

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	36889608	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, -12J IC X 27"	1	

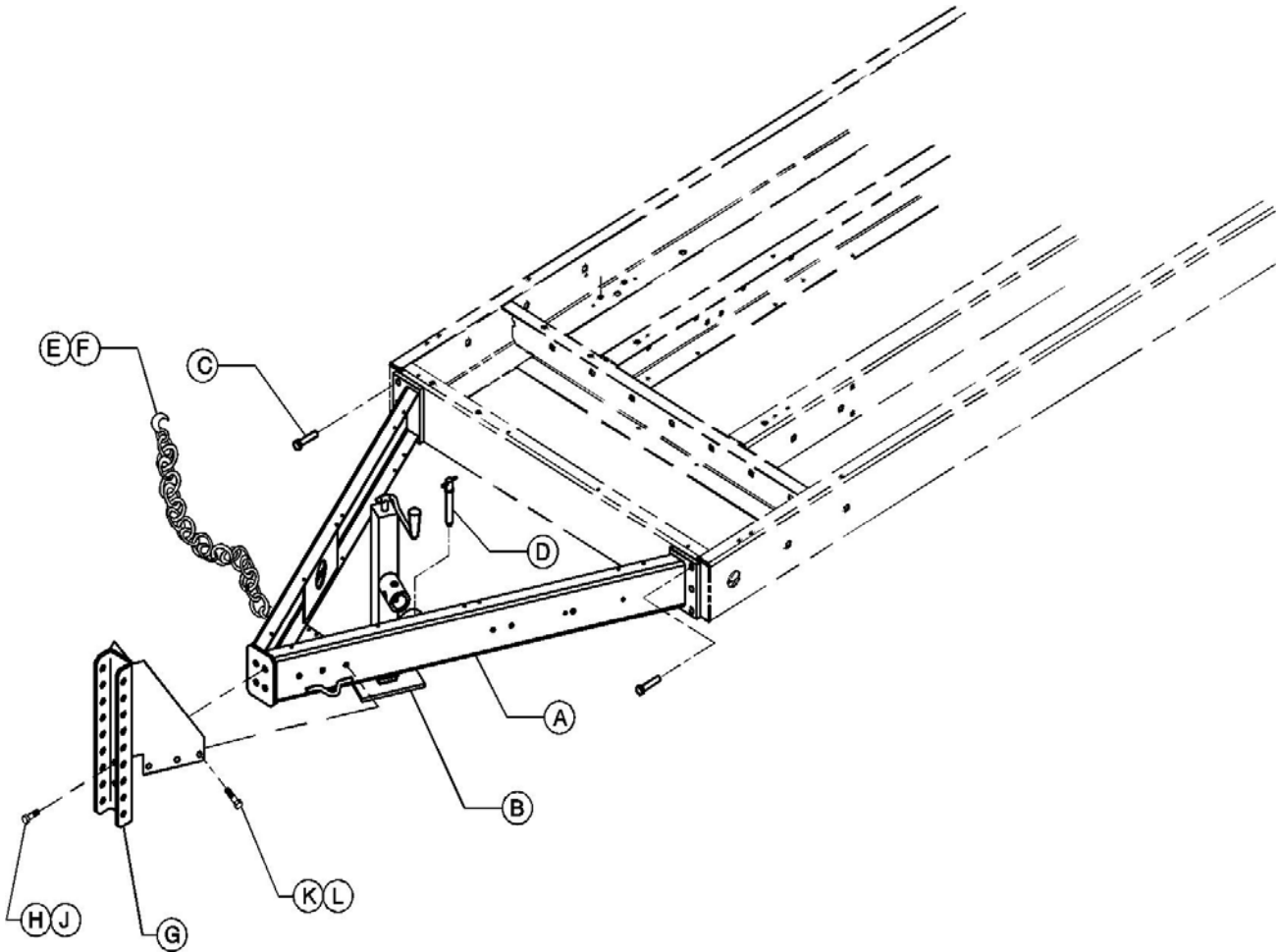
DRAINS, CENTRAL (cont'd)



Zenith_Option_005_09/03_A

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	35225093	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	

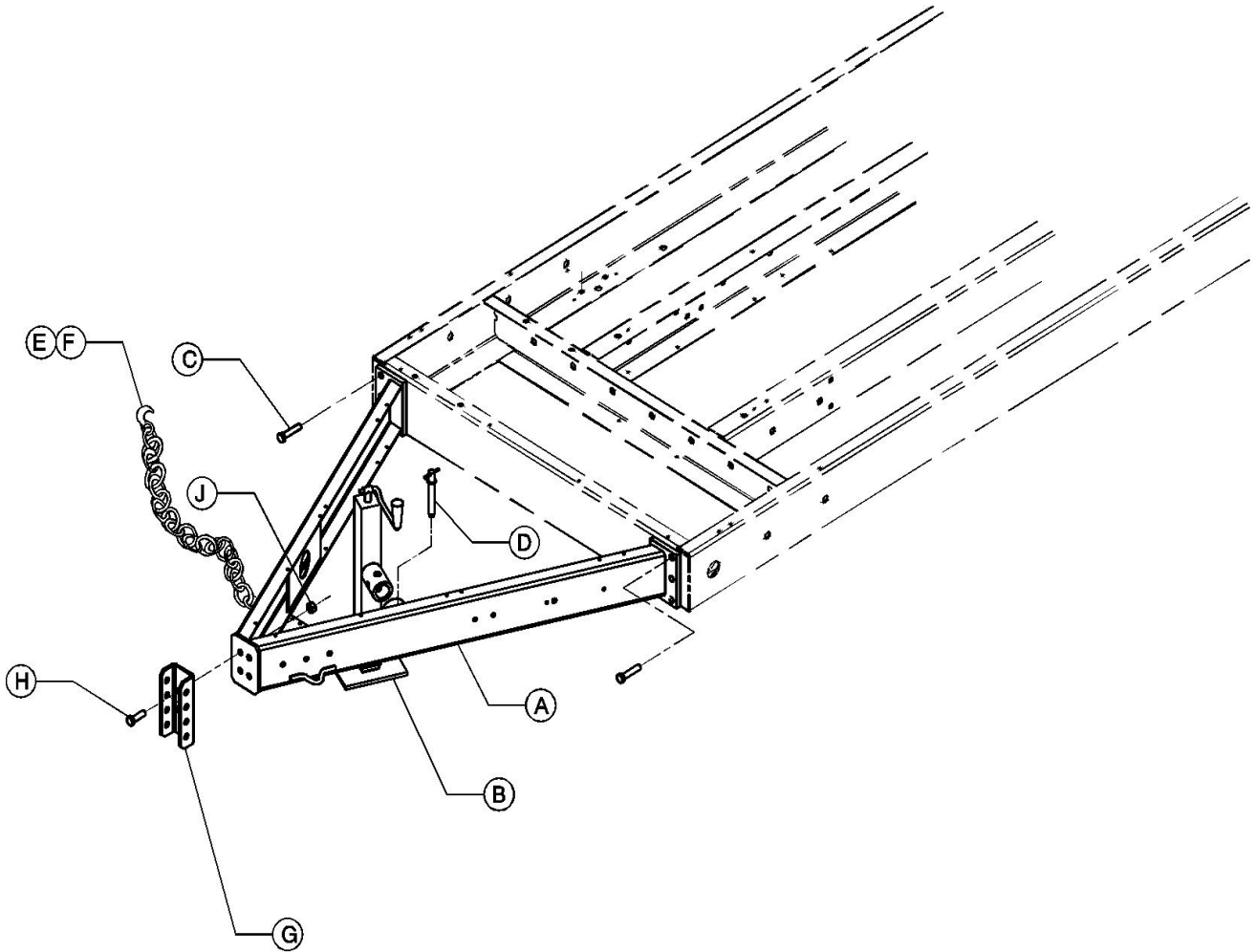
DRAWBAR, ADJUSTABLE HEIGHT



Zenith_Option_006_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36876621	DRAWBAR	1	
B	54443577	JACK, SCREW	1	
C	36879302	SCREW, HEX FLANGE M16-2.0 X 50	6	
D	35609544	PIN, QUICK RELEASE	1	
E	22144521	CHAIN ASSEMBLY	2	
F	35372432	LOCK, COUPLING	2	
G	36882017	CHANNEL, ADJ HEIGHT	1	
H	39179072	SCREW, HEX M16-2.0 X 50	4	
J	36879211	NUT, HEX M16-2.0	4	
K	35252758	SCREW, HEX LOCK 1/2-13 X 1.0	6	
L	35252618	NUT, LOCK WASHER 1/2-13	6	

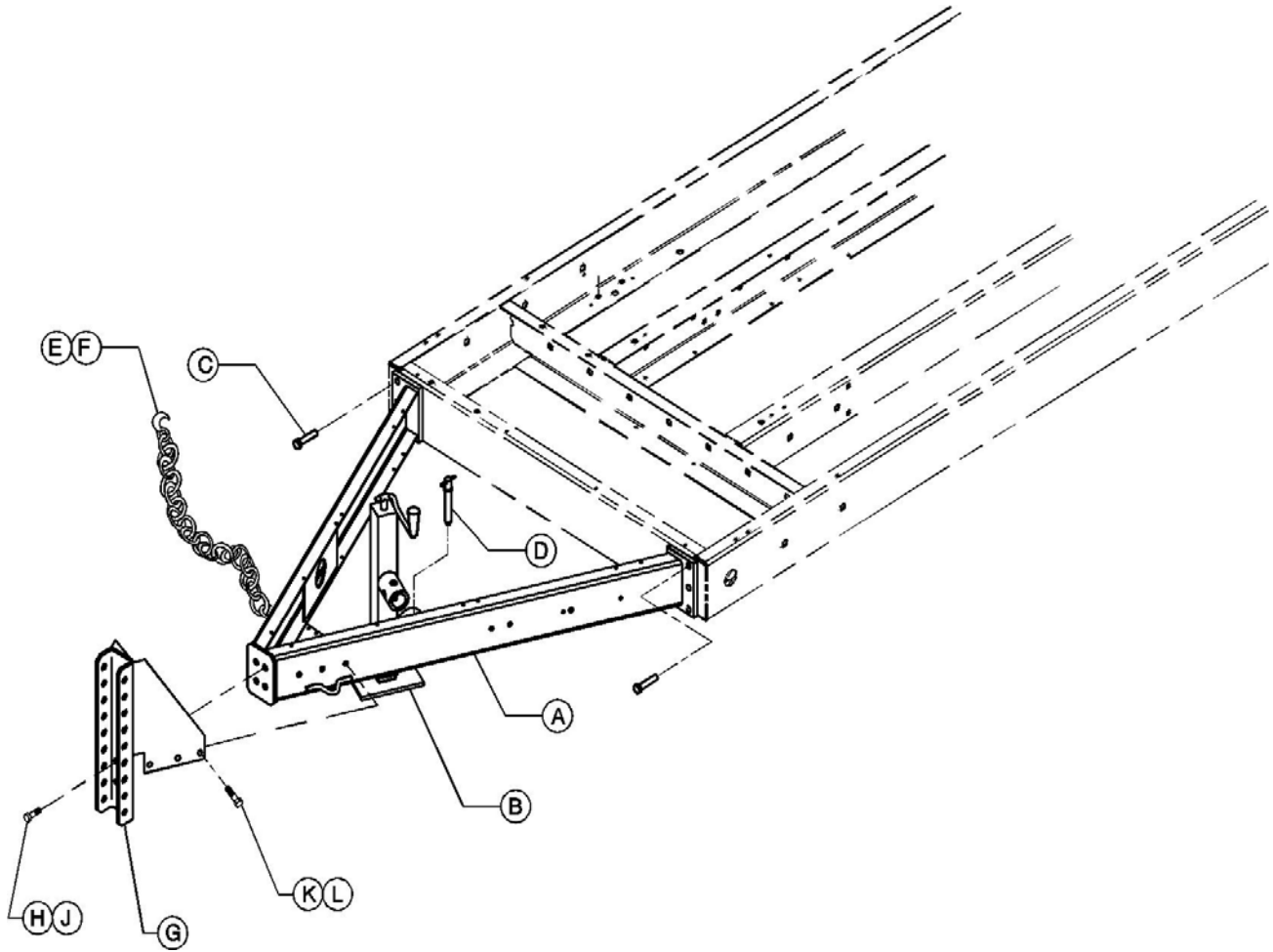
DRAWBAR, EXTENDED



Zenith_Option_007_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR	1	
B	54443577	JACK, SCREW	1	
C	36879302	SCREW, HEX FLANGE M16-2.0 X 50	6	
D	35609544	PIN, QUICK RELEASE	1	
E	22144521	CHAIN ASSEMBLY	2	
F	35372432	LOCK, COUPLING	2	
G	36757284	CHANNEL, PINTEL EYE	1	
H	39179072	SCREW, HEX M16-2.0 X 50	4	
J	36879211	NUT, HEX M16-2.0	4	

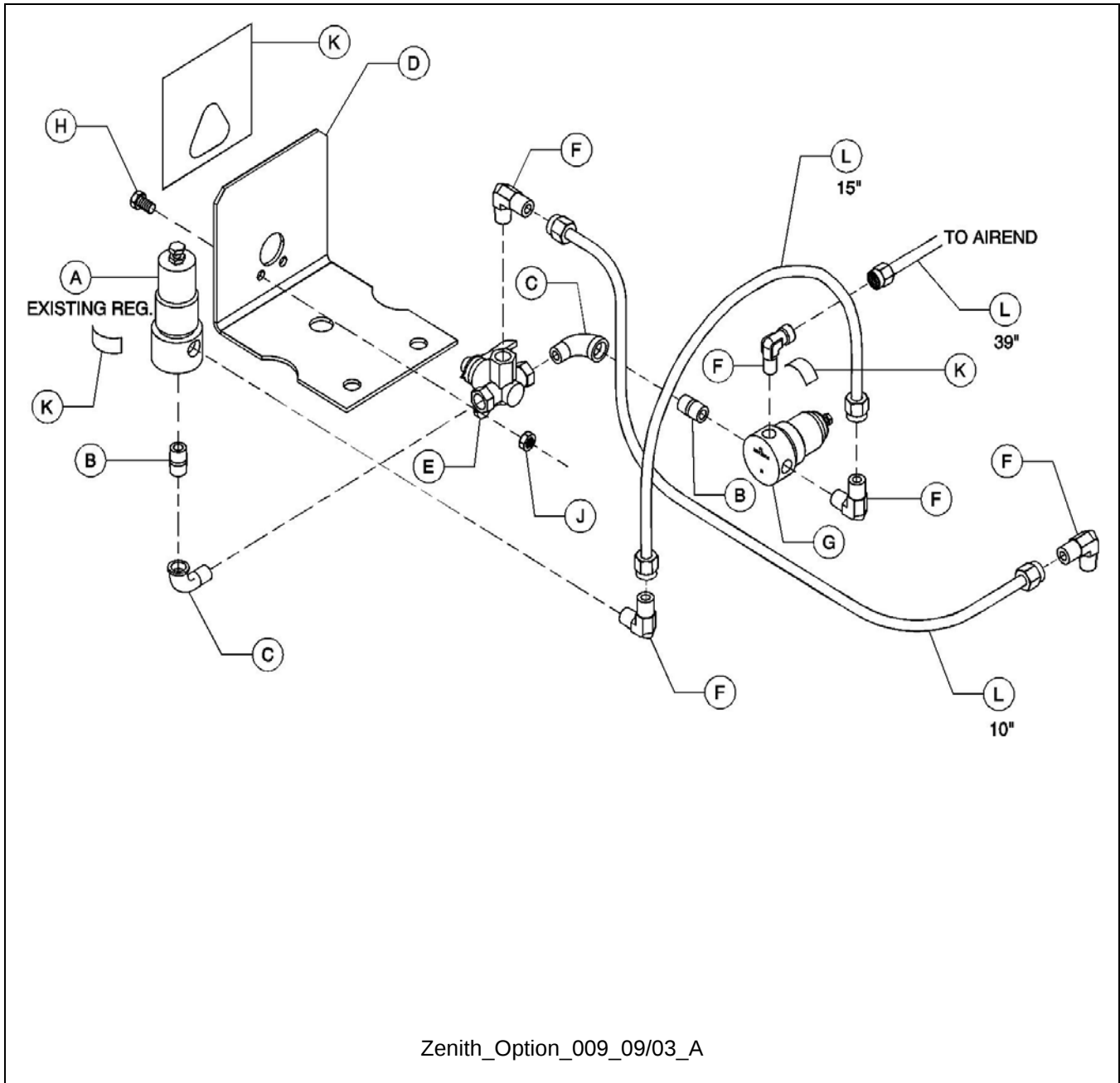
DRAWBAR, EXTENDED / ADJUSTABLE HEIGHT



Zenith_Option_008_09/03_A

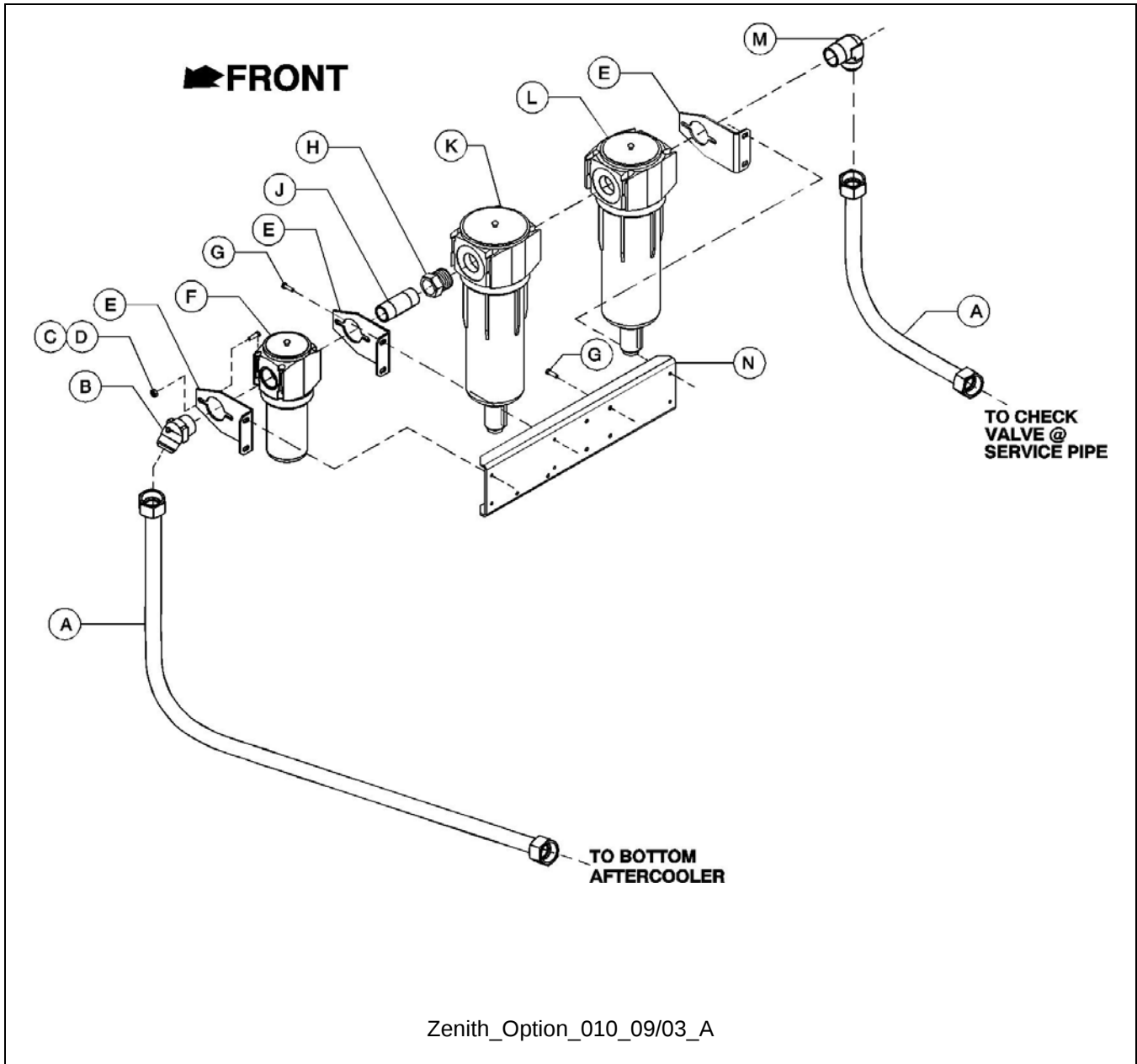
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR	1	
B	54443577	JACK, SCREW	1	
C	36879302	SCREW, HEX FLANGE M16-2.0 X 50	6	
D	35609544	PIN, QUICK RELEASE	1	
E	22144521	CHAIN ASSEMBLY	2	
F	35372432	LOCK, COUPLING	2	
G	36882470	CHANNEL, ADJ HEIGHT	1	
H	39179072	SCREW, HEX M16-2.0 X 50	4	
J	36879211	NUT, HEX M16-2.0	4	
K	35252758	SCREW, HEX LOCK 1/2-13 X 10	6	
L	35252618	NUT, LOCKWASHER 1/2-13	6	

DUAL PRESSURE REGULATION



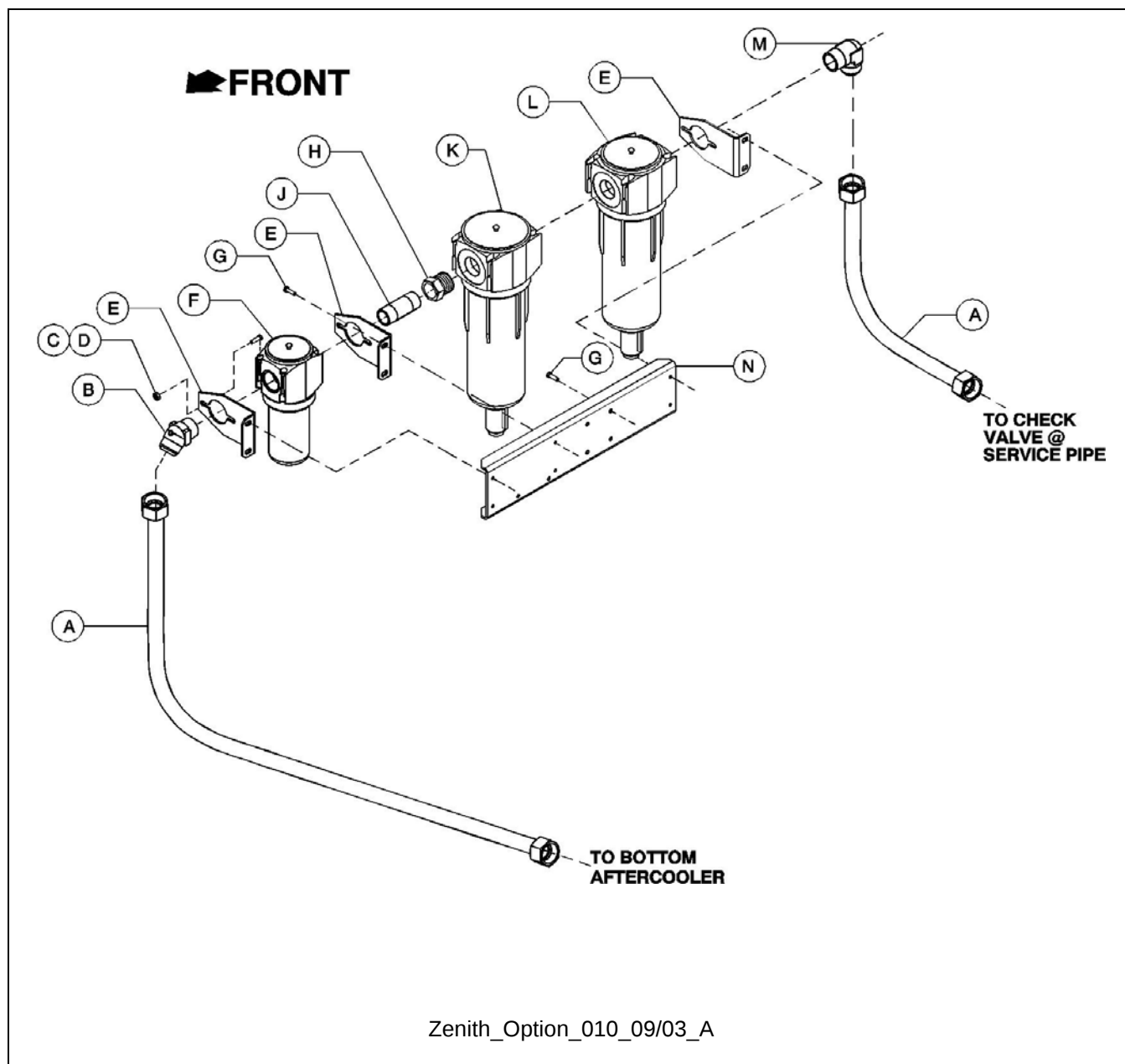
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36896892	VALVE, PRESS REG 200PSI	1	SEE LENGTHS ABOVE
B	95667341	NIPPLE, CLOSED 1/4 NPT X .88	2	
C	95944666	ELBOW, STREET 1/4 NPT	2	
D	36888881	BRACKET, DUAL REGULATION	1	
E	36864684	VALVE, 3-WAY	1	
F	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	5	
G	36847952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

FILTERS, DUAL IQ



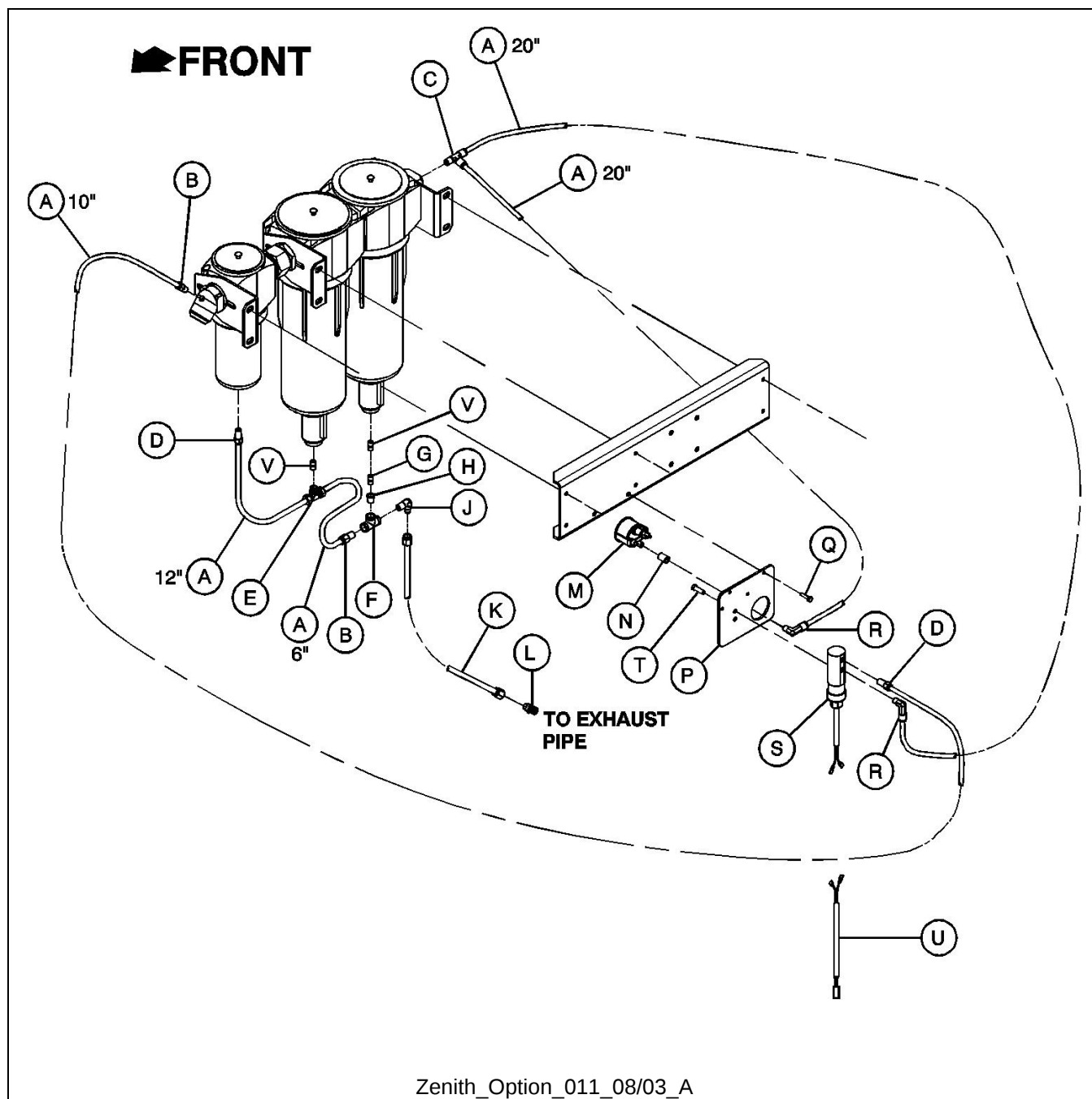
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35130855	HOSE, -24 X 52"	2	
B	36921500	ELBOW, 45 1.50 NPT TO -24 J1C	1	
C	36880995	SCREW, HEX FLANGE M10-1.50 X 30	2	
D	36879195	NUT, HEX FLANGE M10-1.5	2	
E	36882884	BRACKET, FILTER MOUNTING	3	
F	36882728	SEPARATOR, WATER 1.50NPT	1	
G	35279025	SCREW, 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)



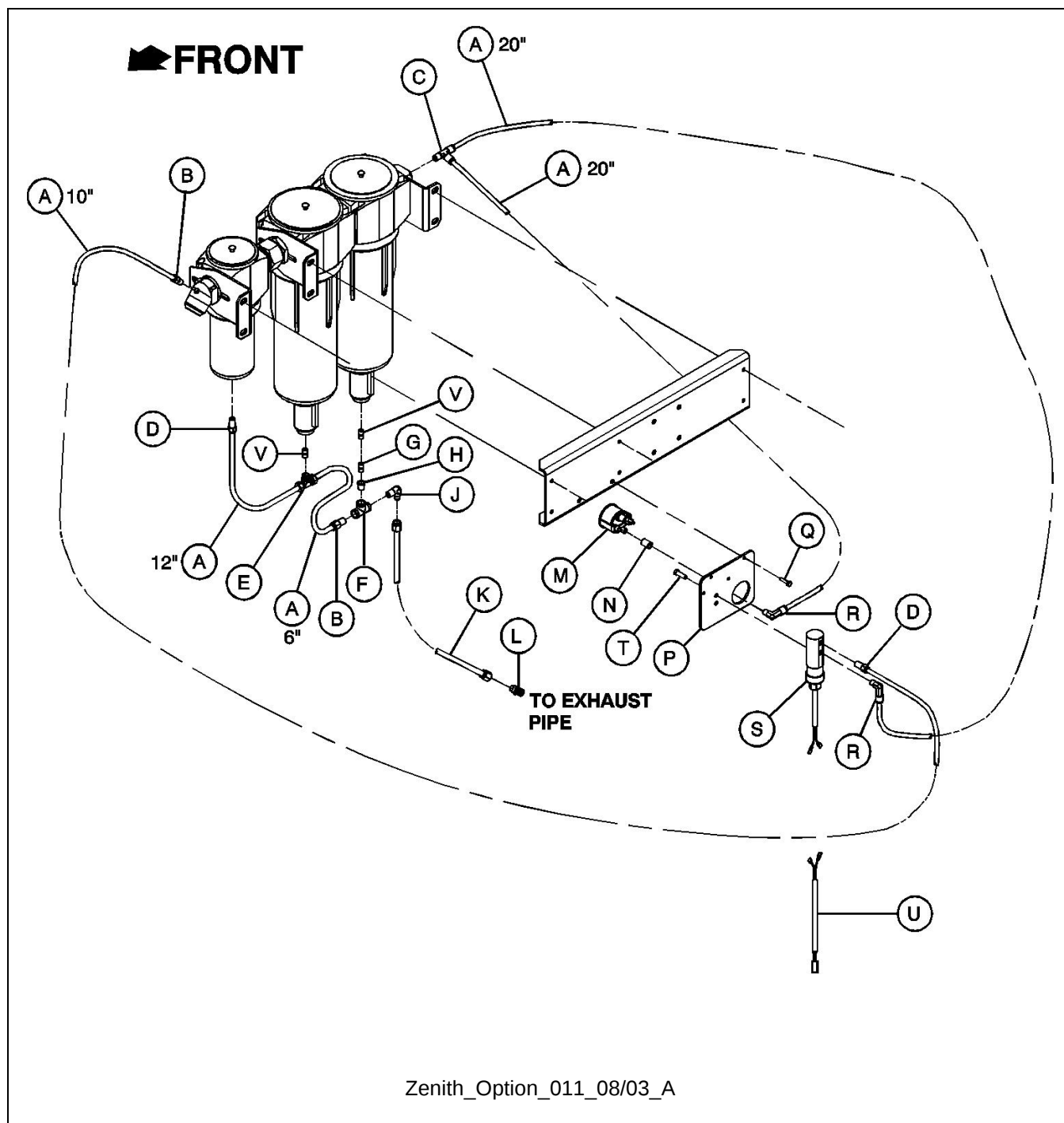
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36883049	CAP, FILTER HSG. 1st STAGE	**	
	36883015	ELEMENT, 1st STAGE	**	
	36883080	KIT, WEDGE BOLT	**	
	35378264	KIT, SIGHT GLASS	^^	
	36883106	KIT, AIR FILTER MAINT.	^^	
	36883114	ROD, ELEMENT RETAINING	^^	
	35378223	INDICATOR, DIFFERENTIAL PRESSURE	^^	
	36883056	CAP, FILTER HSG. 2nd STAGE	##	
	36883023	ELEMENT, 2nd STAGE	##	
	36883270	CAP, WATER SEPARATOR	>>	
	36883098	KIT, WATER SEPARATOR	>>	
	35378231	KIT, FILTER DRAIN	\$\$	

FILTERS, DUAL IQ (cont'd)



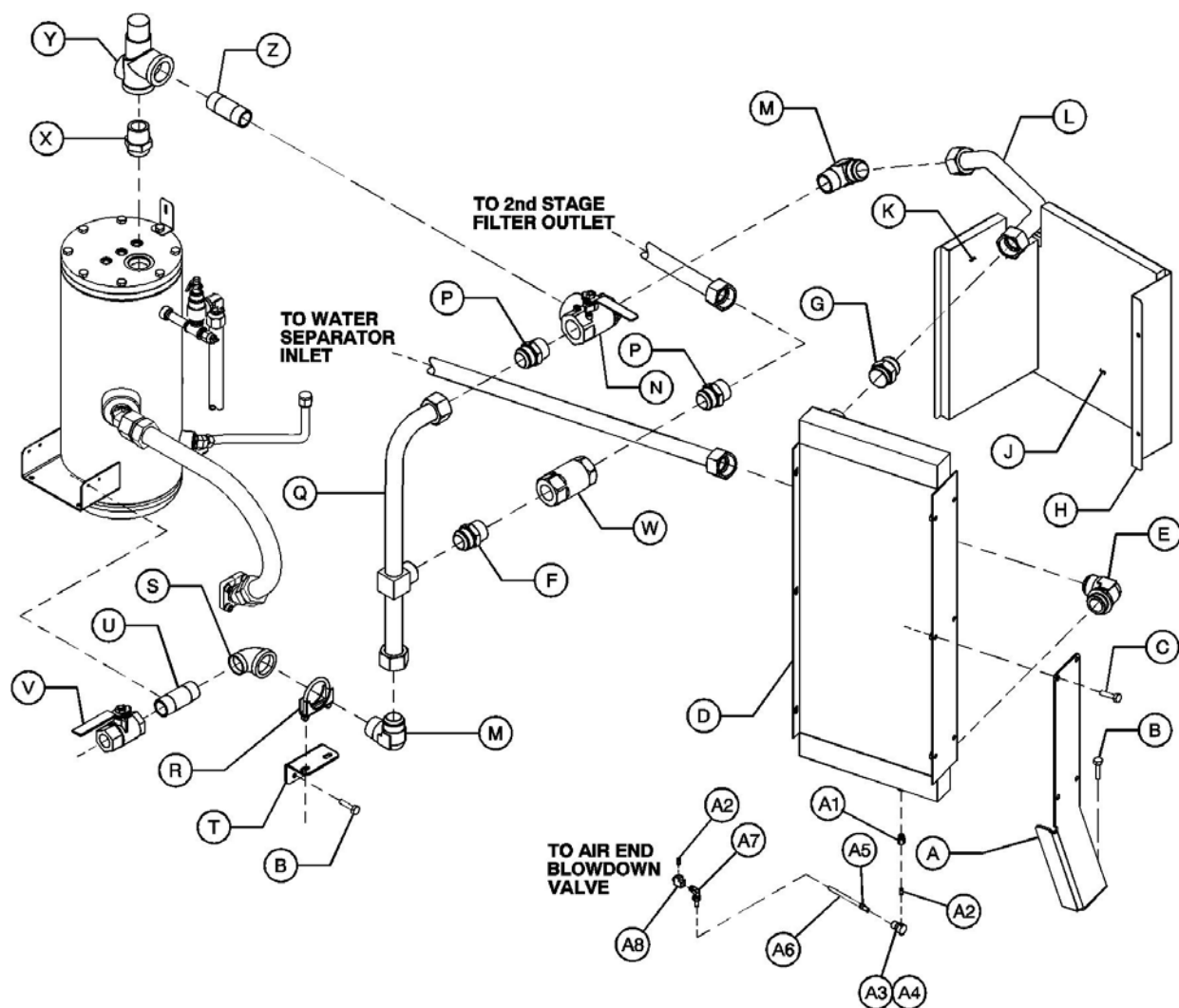
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356484	TUBING, 3/8	*	
B	35369347	CONNECTOR, 1/4 NPT X 3/8 TUBE	2	
C	35369503	TEE, MALE RUN 1/4 NPT X 3/8 TUBE	1	
D	35379700	CONNECTOR, 1/8 NPT X 3/8 TUBE	2	
E	35369396	TEE, MALE 1/8 NPT X 3/8 TUBE	1	
F	95954194	TEE, 1/4 NPT	1	
G	95953493	NIPPLE, CLOSE 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	

FILTERS, DUAL IQ (cont'd)



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	

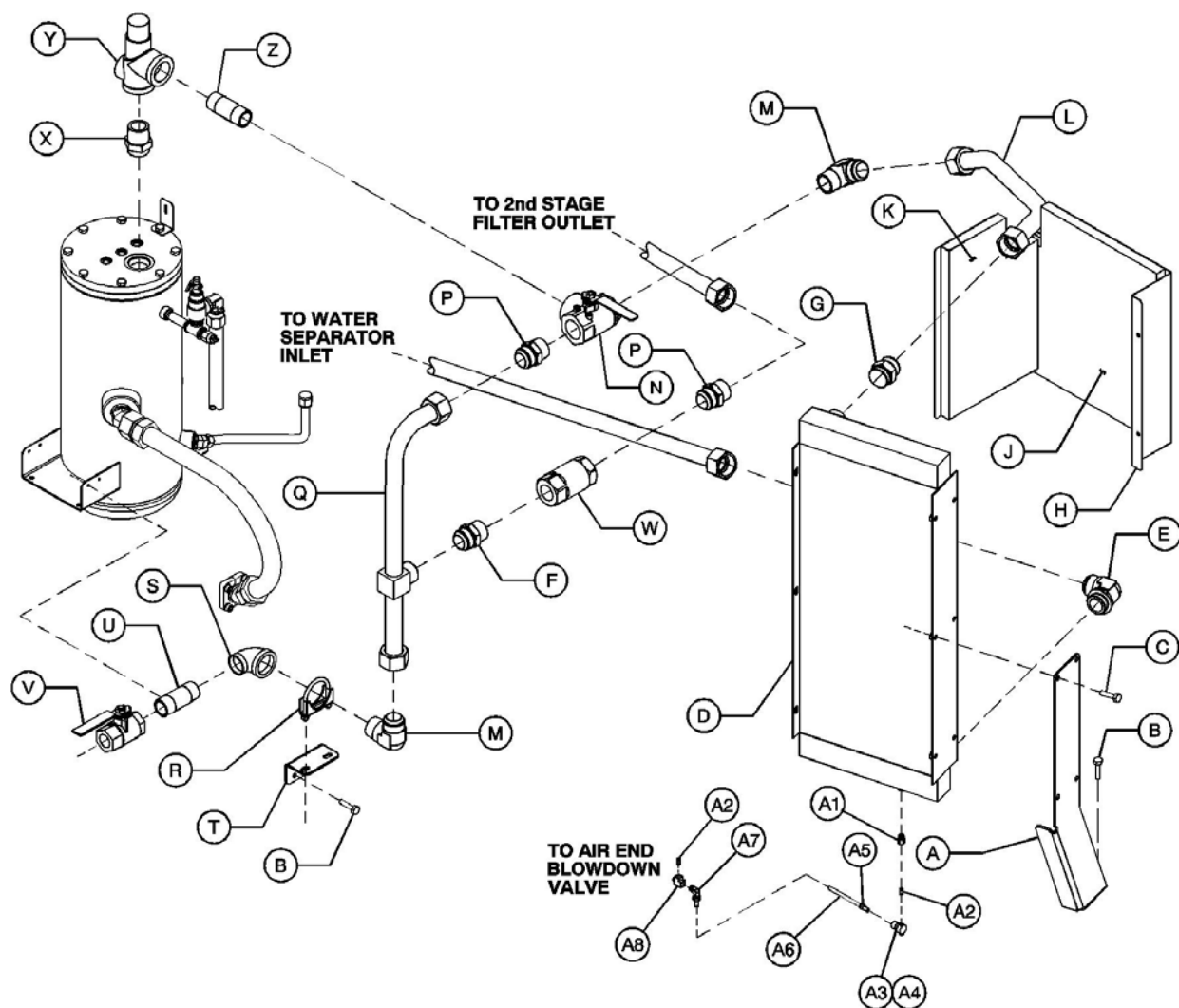
FILTERS, DUAL IQ (cont'd)



Zenith_Option_012_09/03_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	

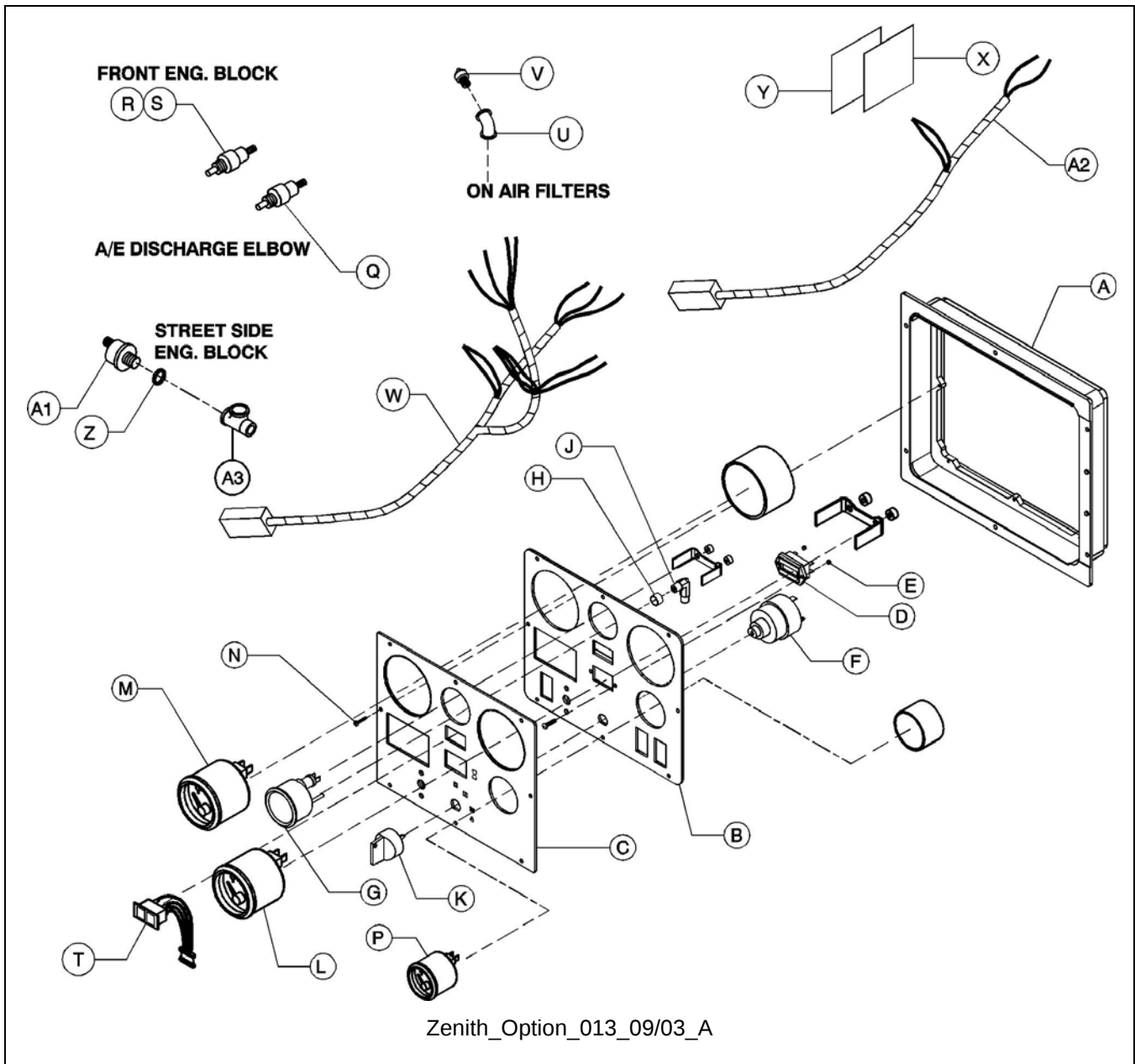
FILTERS, DUAL IQ (cont'd)



Zenith_Option_012_09/03_A

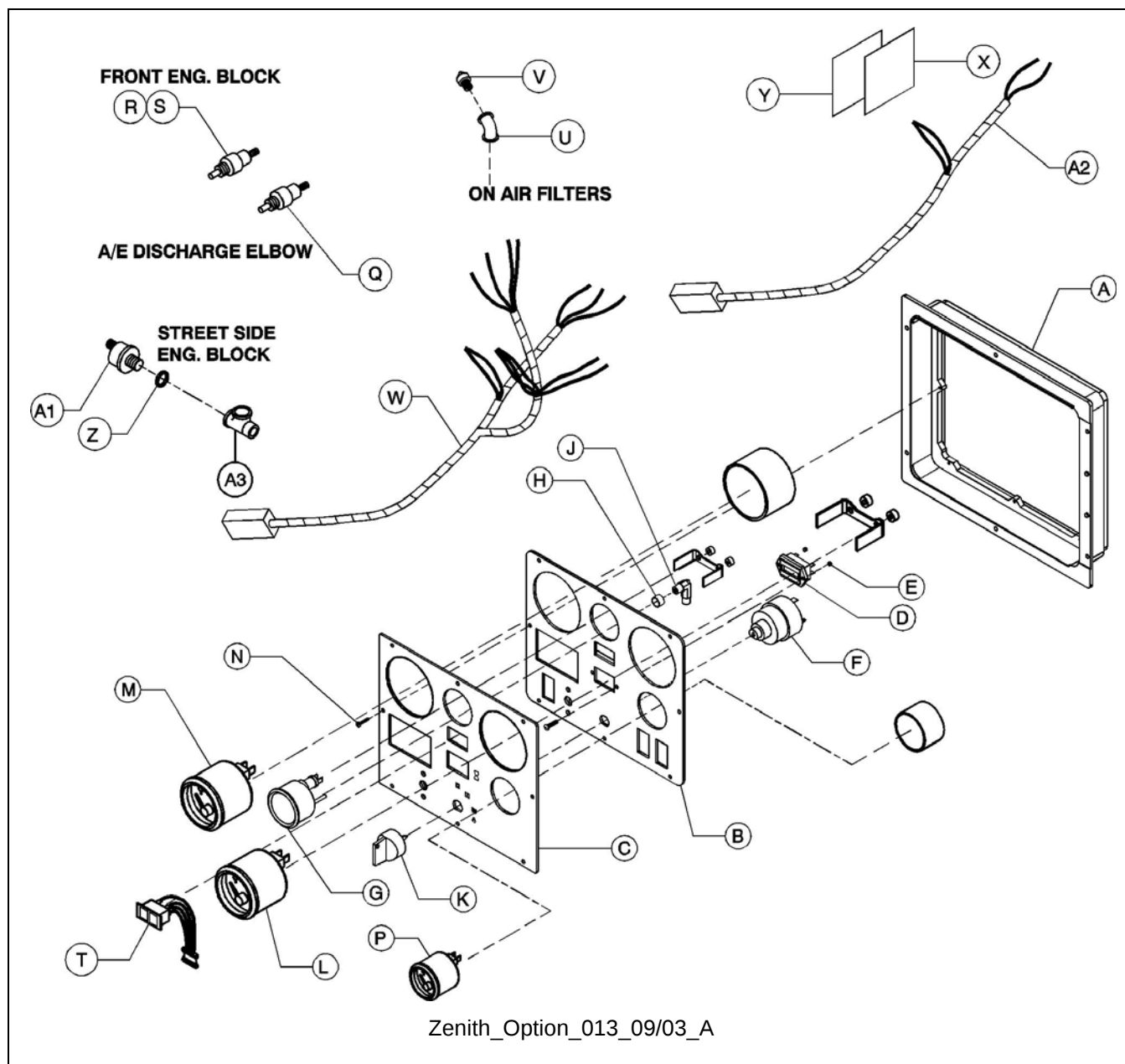
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S	95928024	ELBOW, REDUCING 1.5 X 2.5	1	
T	54761648	BRACKET, SERVICE PIPE	1	
U	95950275	NIPPLE, PIPE 1.25 NPT X 4.0	1	
V	35612126	VALVE, BALL 1.25 NPT	1	
W	36786820	VALVE, CHECK 1.50NPT	1	
X	36881068	ADAPTER, 1.5NPT X 1.75	1	
Y	36789550	VALVE, MINIMUM PRESSURE	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



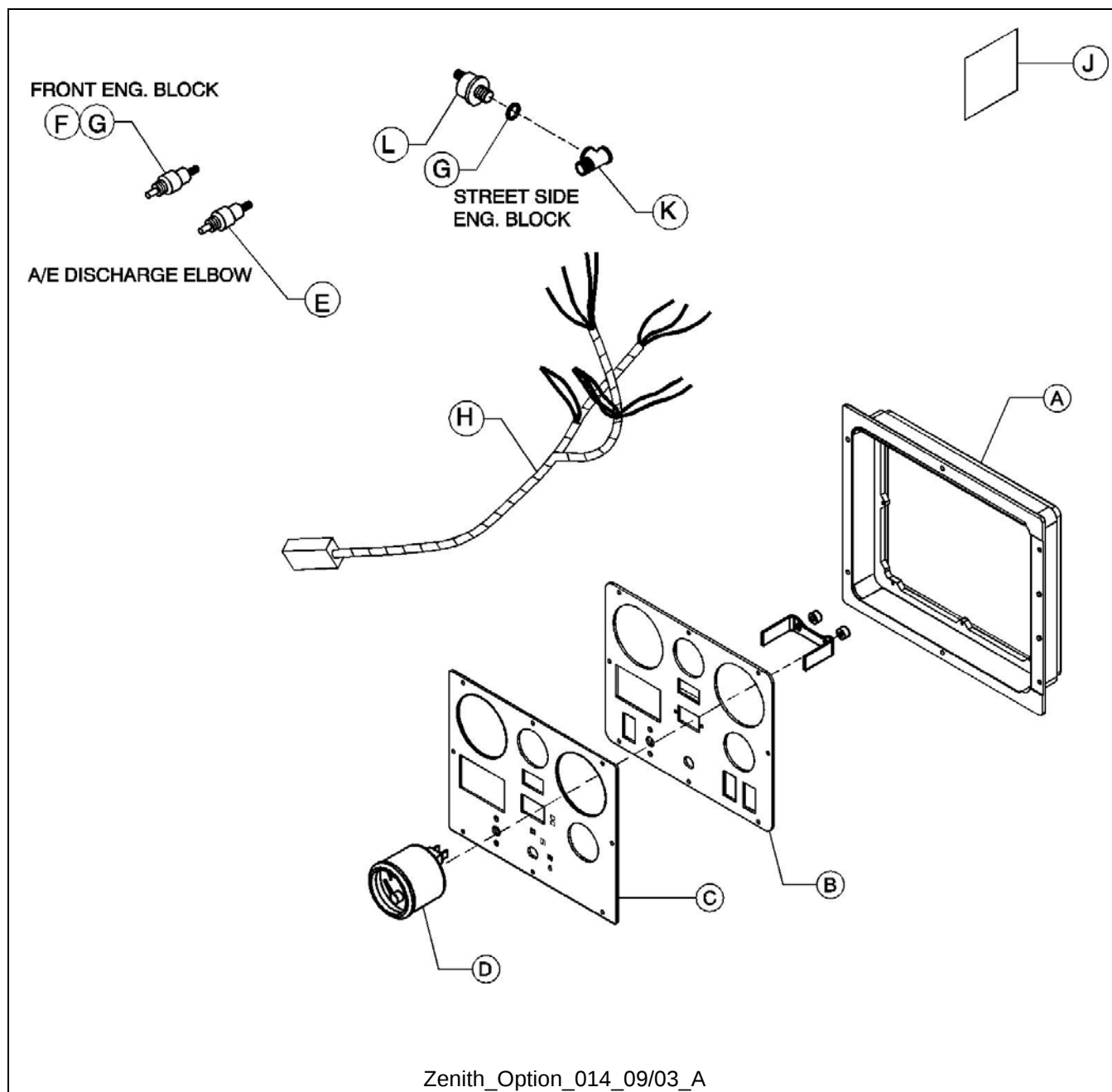
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INSTRUMENT PANEL	1	
B	22171680	PANEL, INSTRUMENT	1	
C	22171698	DECAL, WW INSTRUMENT PANEL	1	
D	54766704	METER, ELECTRONIC HOUR	1	
E	22054159	NUT, PLASTIC 4-40	2	
F	22127385	SWITCH, IGNITION	1	
G	36891216	GAUGE, 250 PSI PRESSURE	1	
H	95935599	COUPLING, STD 1/8 NPT X .75	1	
J	35370386	ELBOW, 1/8 NPT X 3/8 TUBE	1	
K	22134118	KNOB, NON-REMOVABLE IGNITION	*	
L	22255046	GAUGE, 4-IN-1	1	
M	22055883	TACHOMETER	1	
N	22070494	SCREW, PLASTIC TAPPING	8	

FULL GAUGE PANEL (cont'd)



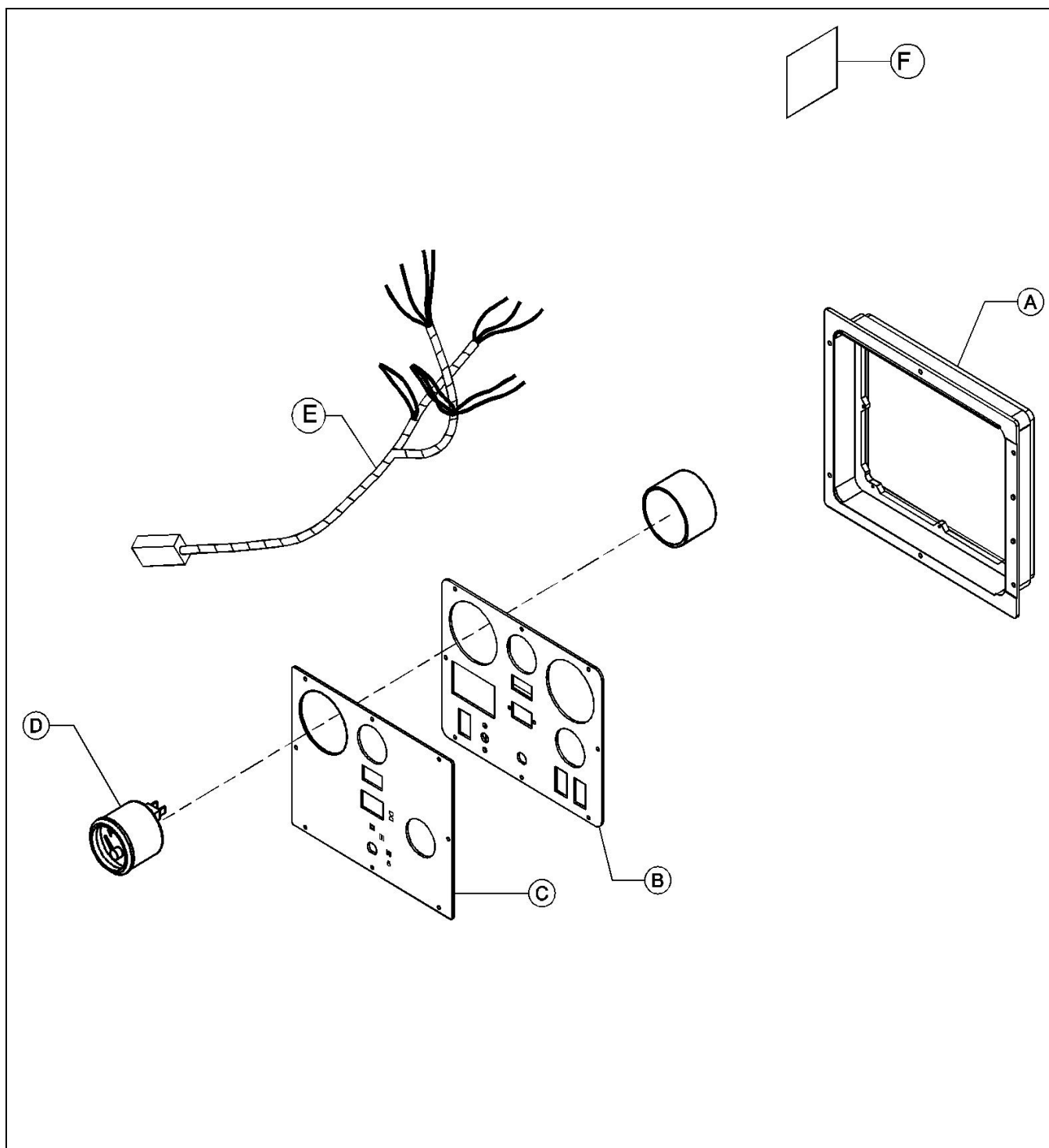
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22050991	GAUGE, FUEL LEVEL	1	
Q	35367218	SENDER, DISCHARGE TEMPERATURE	1	
R	35372457	SENDER, ENGINE TEMPERATURE	1	
S	35278571	O-RING	1	
T	22172423	MODULE, 2-LIGHT WARNING	1	
U	95956199	ELBOW, STREET NPT 1/8 X 450	2	
V	36847838	SWITCH, VACUUM	2	
W	22251896	HARNESS, OPTION	1	
X	22530748	LAMINATE, OPT WIRING DIAGRAM	1	
Y	22530797	LAMINATE, AFRI OPT WIRING DIAGRAM	1	
Z	35278571	O-RING	1	
A1	36870608	SENDER, OIL PRESSURE	1	
A2	22251904	HARNESS, AIR FILTER RESTRICTION	1	

GAUGE, 4-in-1



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	35367218	SENDER, DISCHARGE TEMPERATURE	1	
G	35278571	O-RING	1	
H	22251896	HARNESS, OPTION WIRING DIAGRAM	1	
J	22350748	LAMINATE, OPT WIRING	1	
K	39127287	TEE, 1/8 STREET	1	
L	36870608	SENDER, OIL PRESSURE	1	

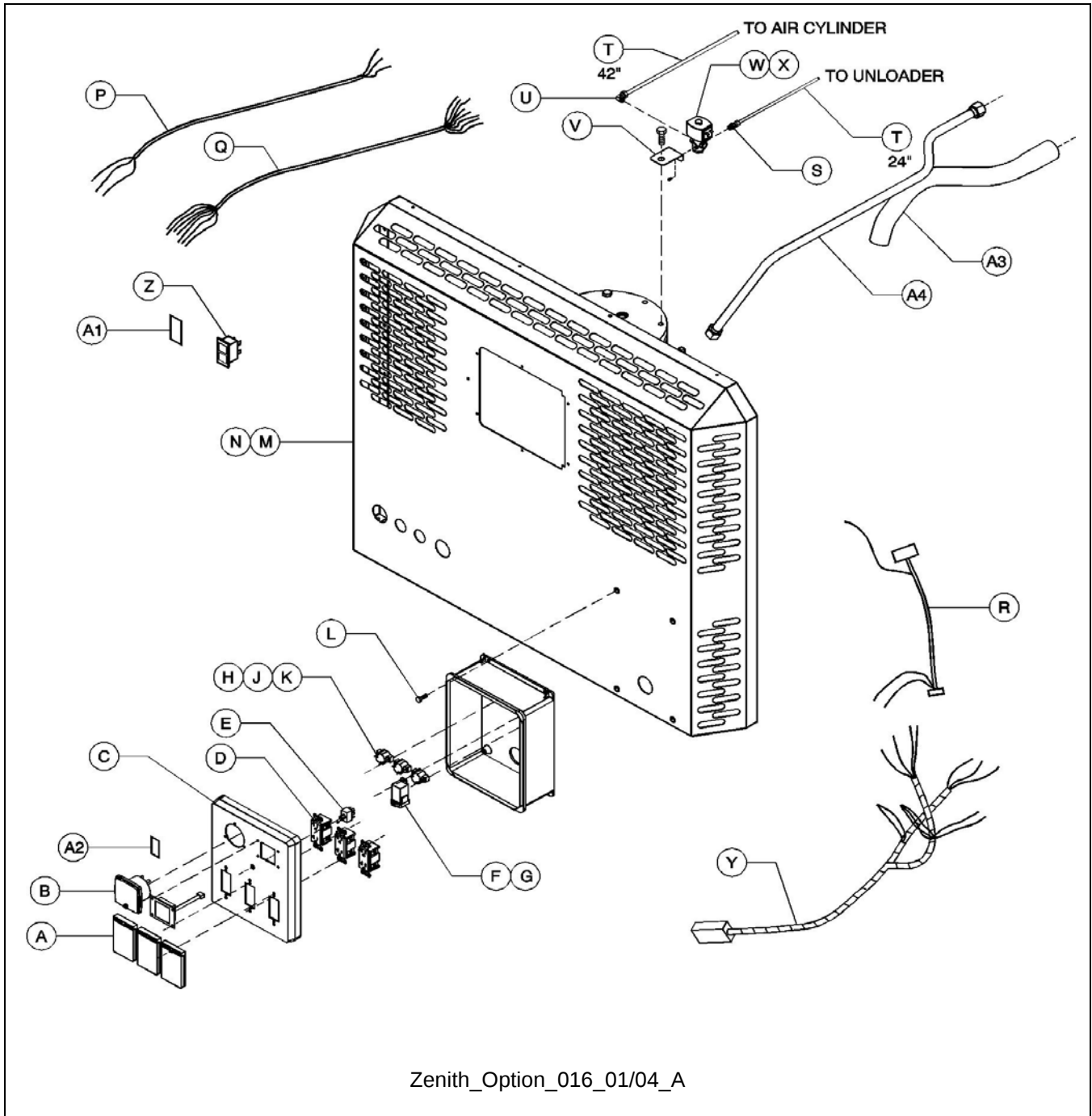
TACHOMETER



Zenith_Option_015_09/03_A

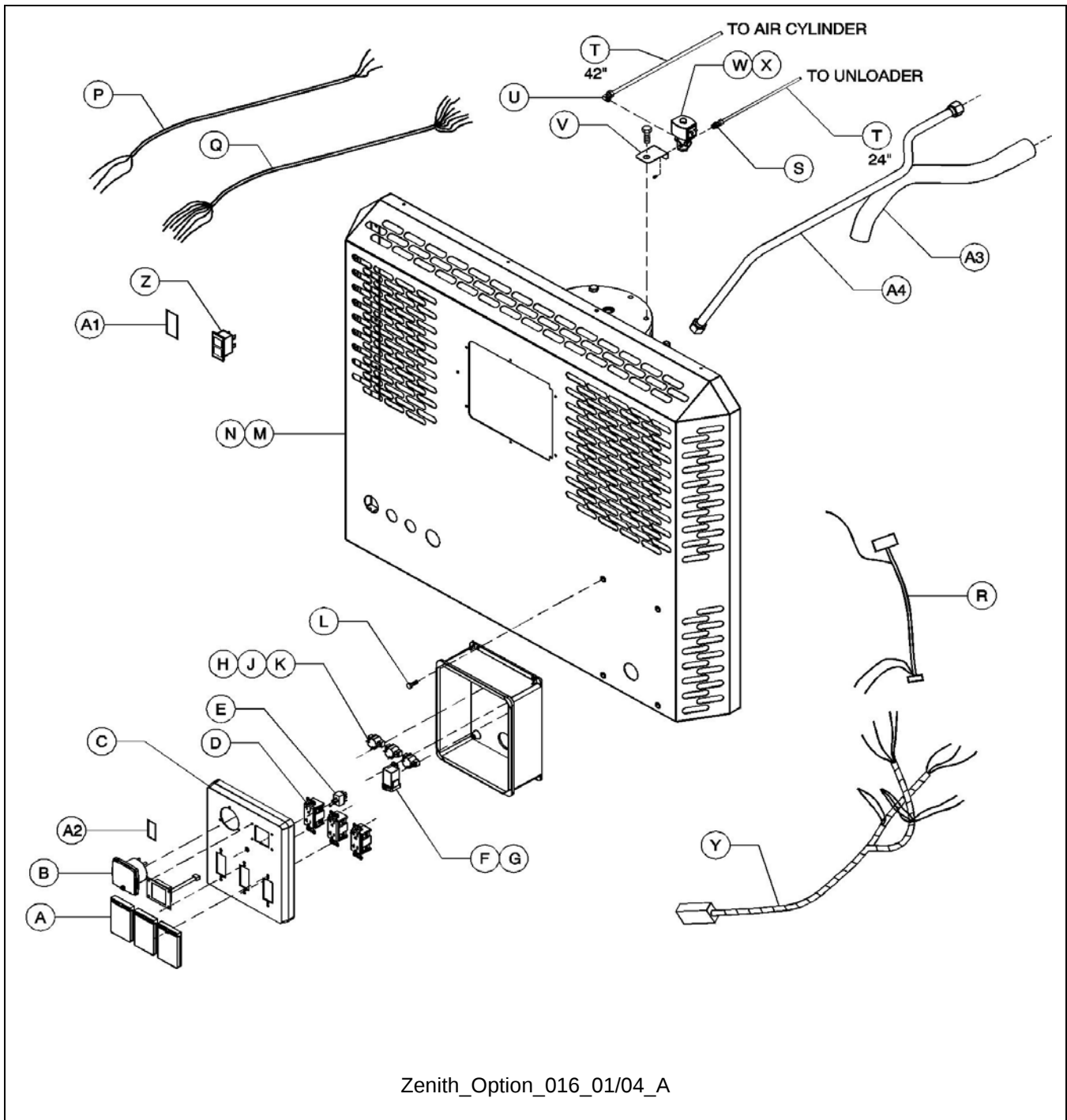
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INSTRUMENT PANEL	1	
B	22171680	PANEL, INSTRUMENT	1	
C	22171698	DECAL, WW INSTRUMENT PANEL	1	
D	22055883	TACHOMETER	1	
E	22261465	HARNESS, TACH OPTION	1	
F	22351217	LAMINATE, TACH OPT WIRING	1	

GENERATOR, 6 KW



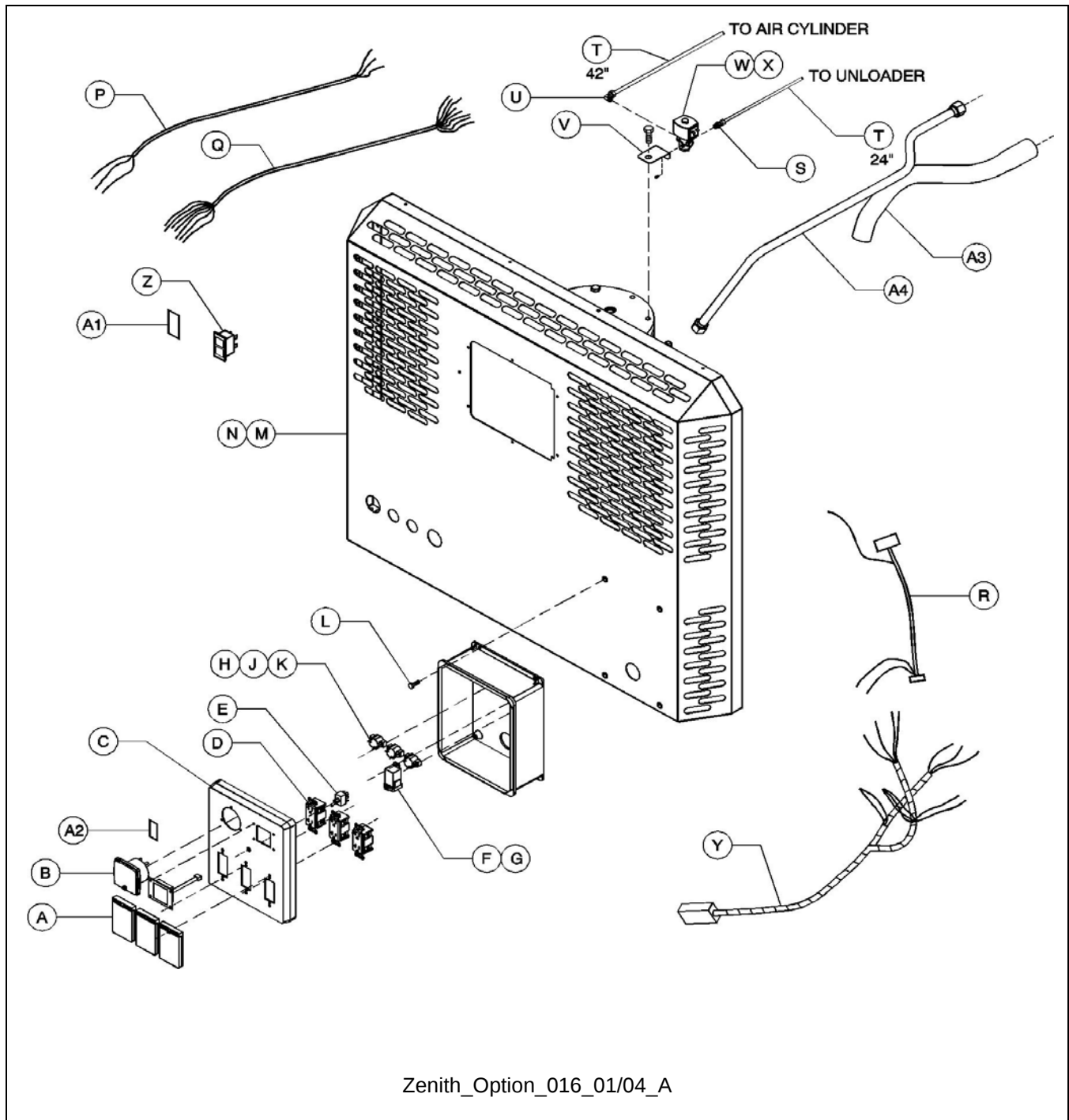
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36920932	COVER, WEATHERPROOF	3	
B	36884435	METER, VOLT	1	
C	22072300	BOX, GENERATOR CONTROL	1	
D	36848745	RECEPTACLE, DUPLEX 125V	3	
E	36892545	SWITCH, 3 POSITION	1	
F	54368048	RELAY	1	
G	35300771	SCREW, TAPPING M06-1.0 X 20	1	
H	36884443	BREAKER, CIRCUIT	3	
J	95942603	SCREW, TAPPING 10-32 X 3/4"	6	
K	95923124	NUT, HEX 10-32	6	

GENERATOR, 6 KW (cont'd)



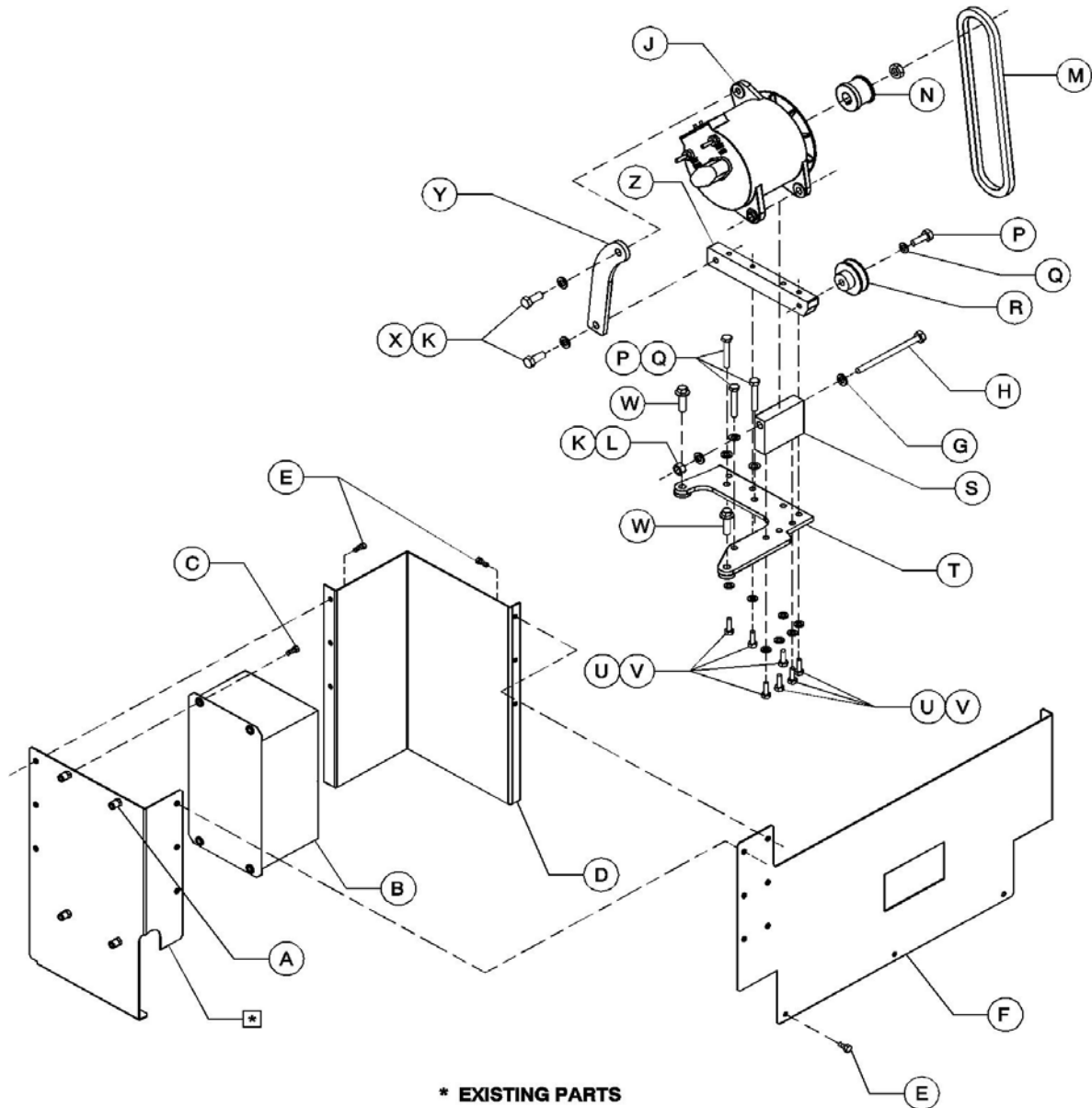
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	35279025	SCREW, TAPPING M08-1.25 X 20	4	SEE LENGHTS ABOVE
M	36895746	NUTSERT, HEX M08	4	
N	22180939	PANEL, FRONT END	1	
P	22098727	HARNESS, ALTERNATOR	1	
Q	22098735	HARNESS, AC POWER	1	
R	22098743	HARNESS, STATUS	1	
S	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	
T	35356484	TUBING, 3/8" SYNFLEX	*	
U	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	1	

GENERATOR, 6 KW (cont'd)



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
V	22103337	BRACKET, SOLENOID	1	
W	22367171	VALVE, 3-WAY	1	
X	95287025	SCREW, SELF-TAPPING #10	2	
Y	54631355	HARNESS, 6KW GENERATOR	1	
Z	22090278	SWITCH, ROCKER	1	
A1	22102727	DECAL, ON-BOARD GENERATOR	1	
A2	22140784	DECAL, GENERATOR-AIR-GEN/AIR	1	
A3	22354948	HOSE, TOP RADIATOR	1	
A4	22358683	TUBE, TOP OIL COOLER	1	

GENERATOR, 6 KW (cont'd)

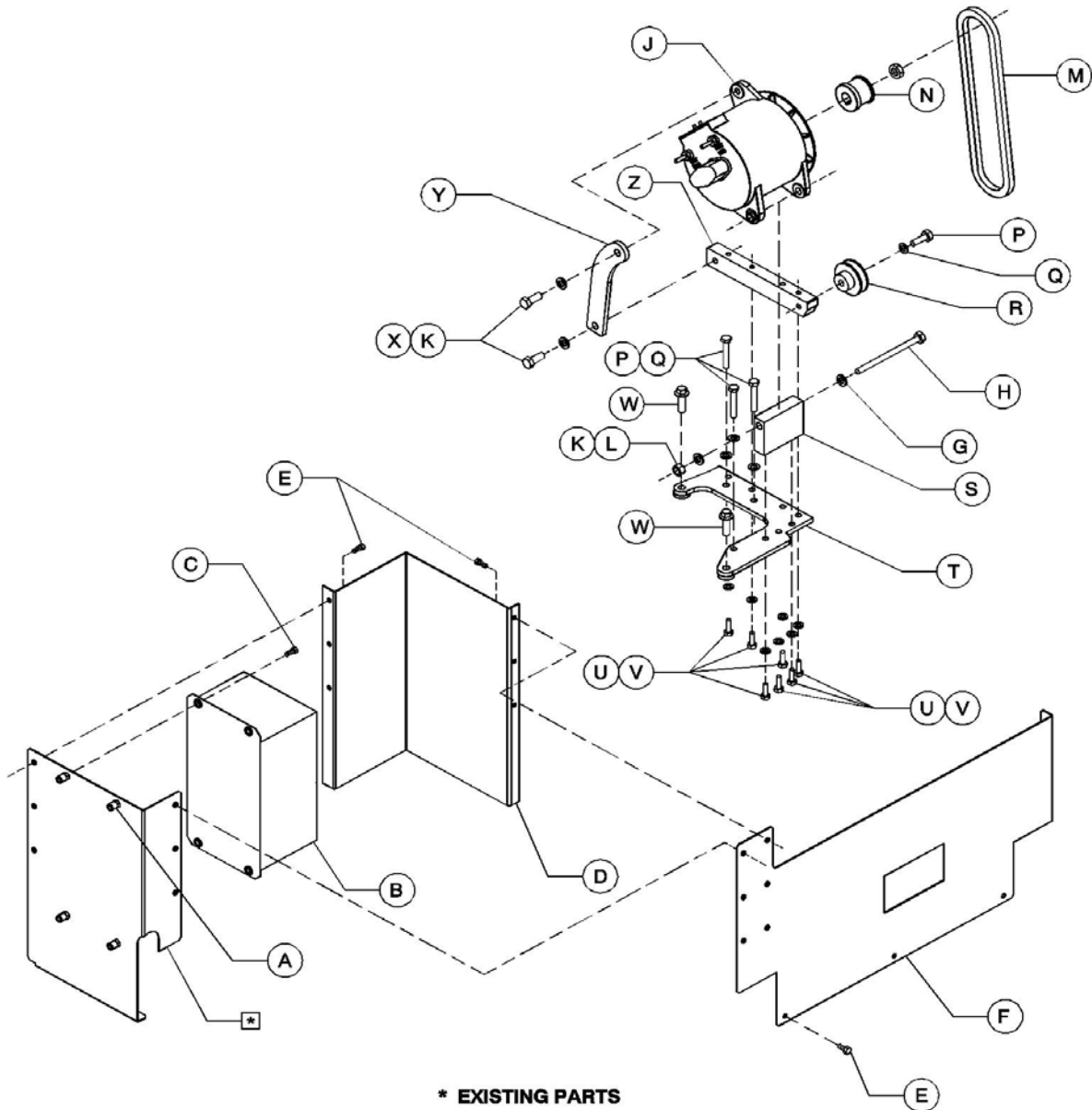


*** EXISTING PARTS**

Zenith_Option_017_01/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36895746	NUTSERT, HEX M08	4	
B	54629696	POWER CONVERSION UNIT	1	
C	35279025	SCREW, TAPPING M08-1.25 X 20	4	
D	22101158	GUARD, PCU	1	
E	36797652	SCREW, TAPPING M06-1.0 X 12	14	
F	54767223	PANEL, TOOL BOX	1	
G	95935003	WASHER, FLAT 1/2"	2	
H	95955548	SCREW, HEX 1/2-13 X 6"	1	
J	54629746	GENERATOR, 6kW	1	
K	95081824	WSHER, LOCK 1/2"	3	
L	95922902	NUT, HEX 1/2-13	1	
M	22374755	V-BELT	1	

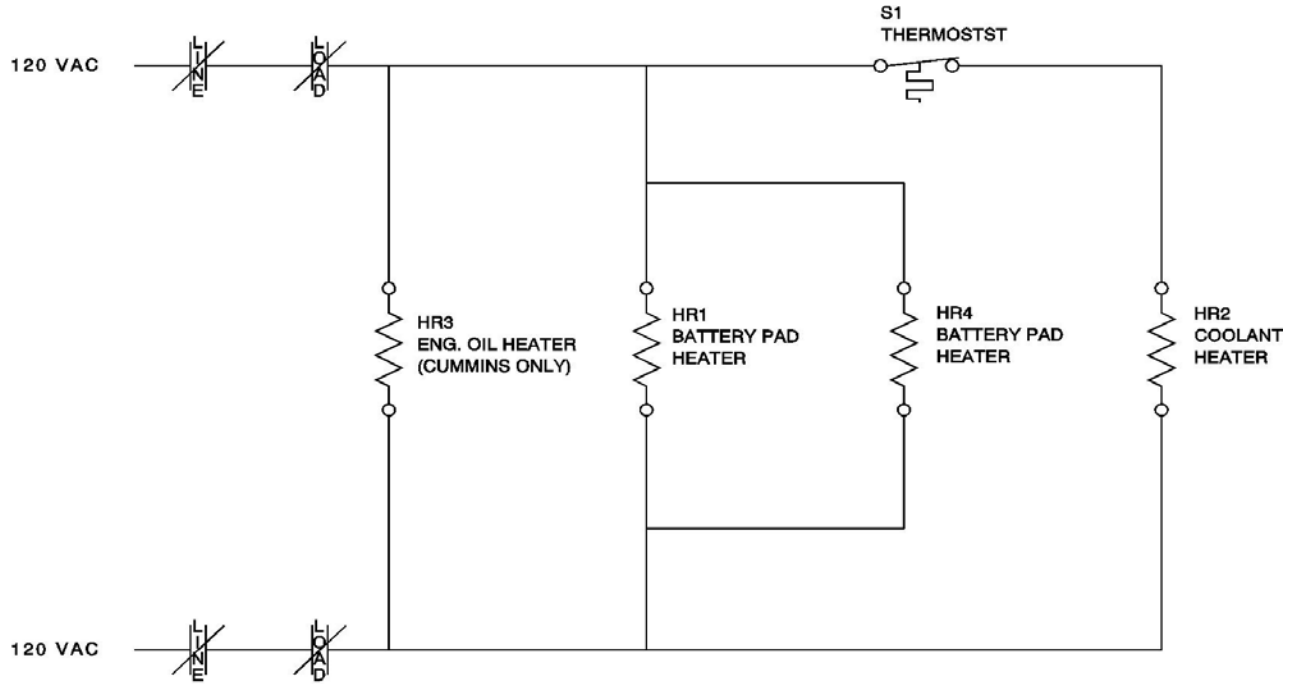
GENERATOR, 6 KW (cont'd)



Zenith_Option_017_01/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22307789	PULLEY, GENERATOR	1	
P	96701487	SCREW, HEX M10-1.5 X 30	4	
Q	95935037	WASHER, FLAT M10	4	
R	22360259	PULLEY, IDLER	1	
S	22334585	BRACKET, GENERATOR SIDE	1	
T	22334551	BRACKET, GENERATOR BASE	1	
U	95920674	SCREW, HEX 3/8-16 X 1"	7	
V	95084857	WASHER, LOCK 3/8"	7	
W	36877793	SCREW, HEX FLANGE M12-1.75 X 40	2	
X	35108372	SCREW, HEX 1/2-13 X 1.25"	2	
Y	22334577	BRACKET, GENERATOR ARM	1	
Z	22334569	BRACKET, GENERATOR FRONT	1	

HEATER, BLOCK / BATTERY



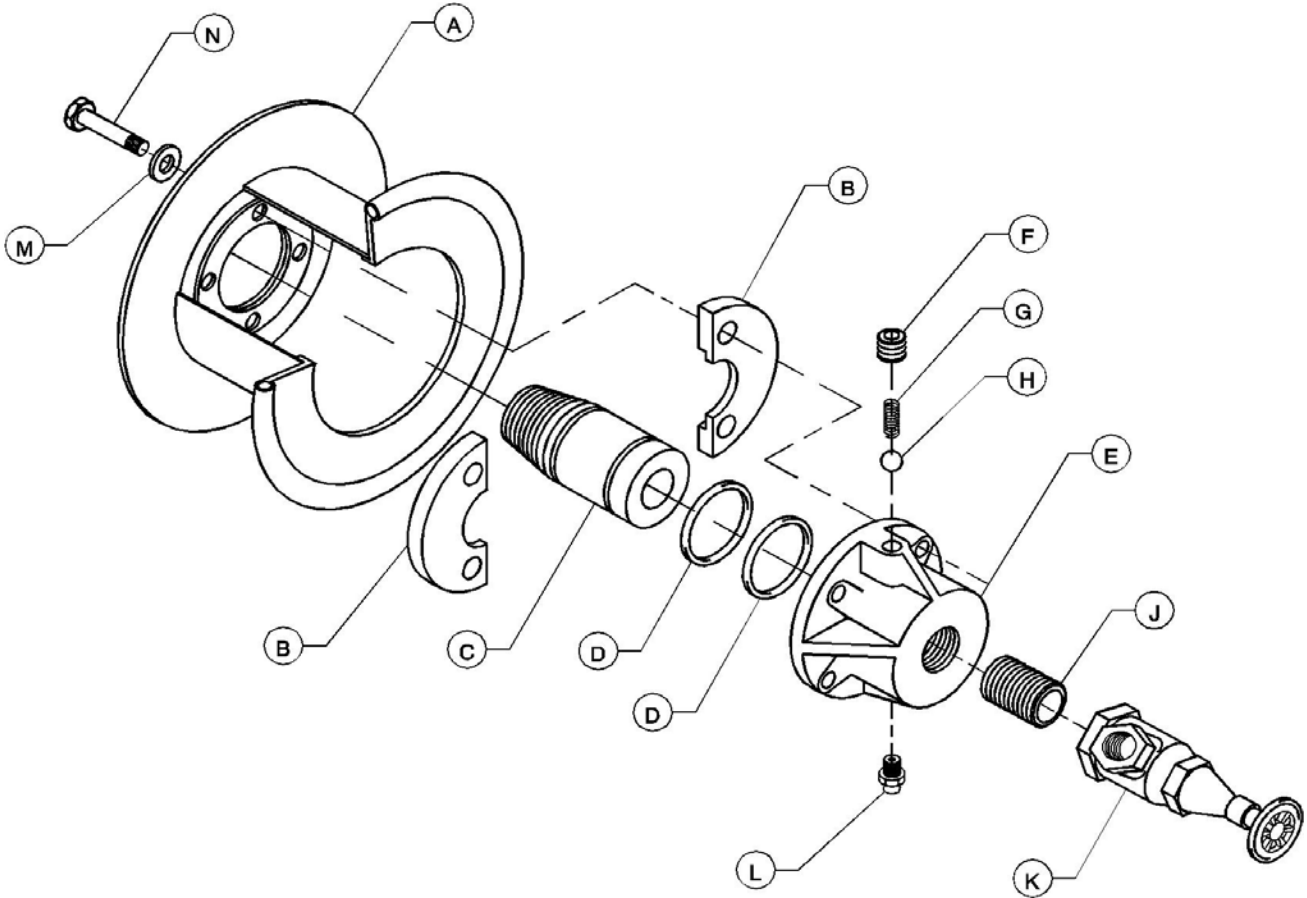
NOTE:

1. REFER TO MODEL FOR LIST OF OPTIONAL HEATERS AVAILABLE.
2. IR ENGINES (P110-P260) DO NOT USE THIS TYPE BLOCK / BATTERY HEATER.

	J DEERE P100-P160	J DEERE P100-P160	J DEERE P175-XP185	I-R VHP300 - P600	J DEERE P250 - P600	CUMMINS P250-P375 E25-E50	KUBOTA L5; L6-L8
HR1	~	~	36920387	22065635	22065635	36920387	36920387
HR2	36843563	35379221	36874659	35379221	35379221	36898971	36898252
HR3	~	~	~	~	~	~	~
HR4	~	~	~	~	~	~	~
S1	~	~	36858751	~	~	36858751	~
W1	~	~	36920361	~	~	36920361	36898245
	CUMMINS VHP400-P600	CUMMINS HP600-XP825	J DEERE HP600-XP825	CAT XHP600 - XHP900	CUMMINS VHP825 - XP1050	CAT VHP750-XP1000	CUMMINS HP100-P1600
HR1	36920379	36920411	36920411	36920338	36920411	36920411	36920338
HR2	36898971	36874642	36874659	36871325	36852614	36871283	36882520
HR3	~	36874675	~	~	36869691	~	36882512
HR4	36920387	36920429	36920429	36920346	36920429	36920429	36920346
S1	36858751	36858751	36858751	36858751	36858751	36858751	36858751
W1	36920361	36920437	36920403	36871317	36852598	36871275	36920320

Zenith_Option_018_09/03_A

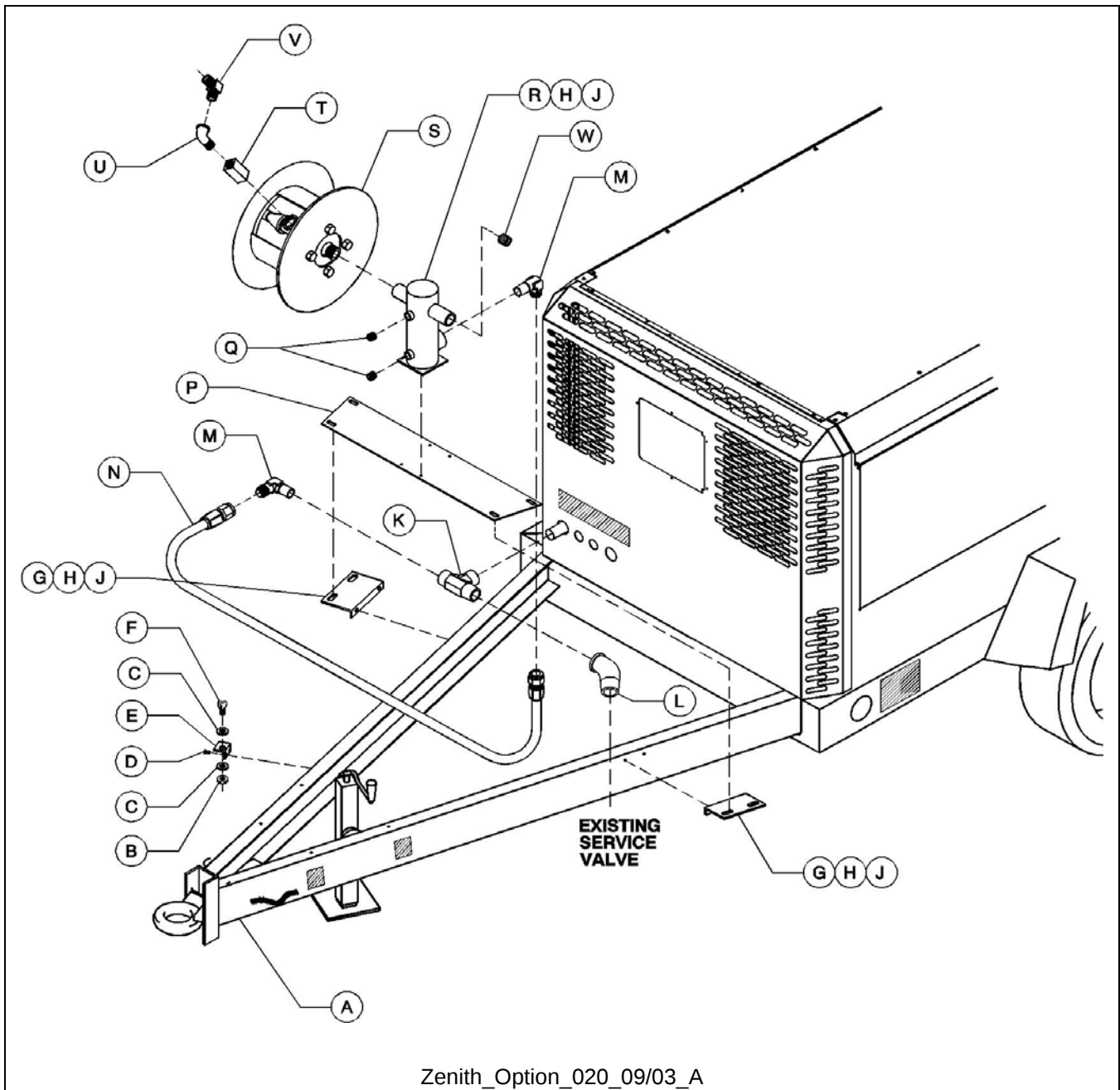
HOSE REEL ASSEMBLY



Zenith_Option_019_09/03_A

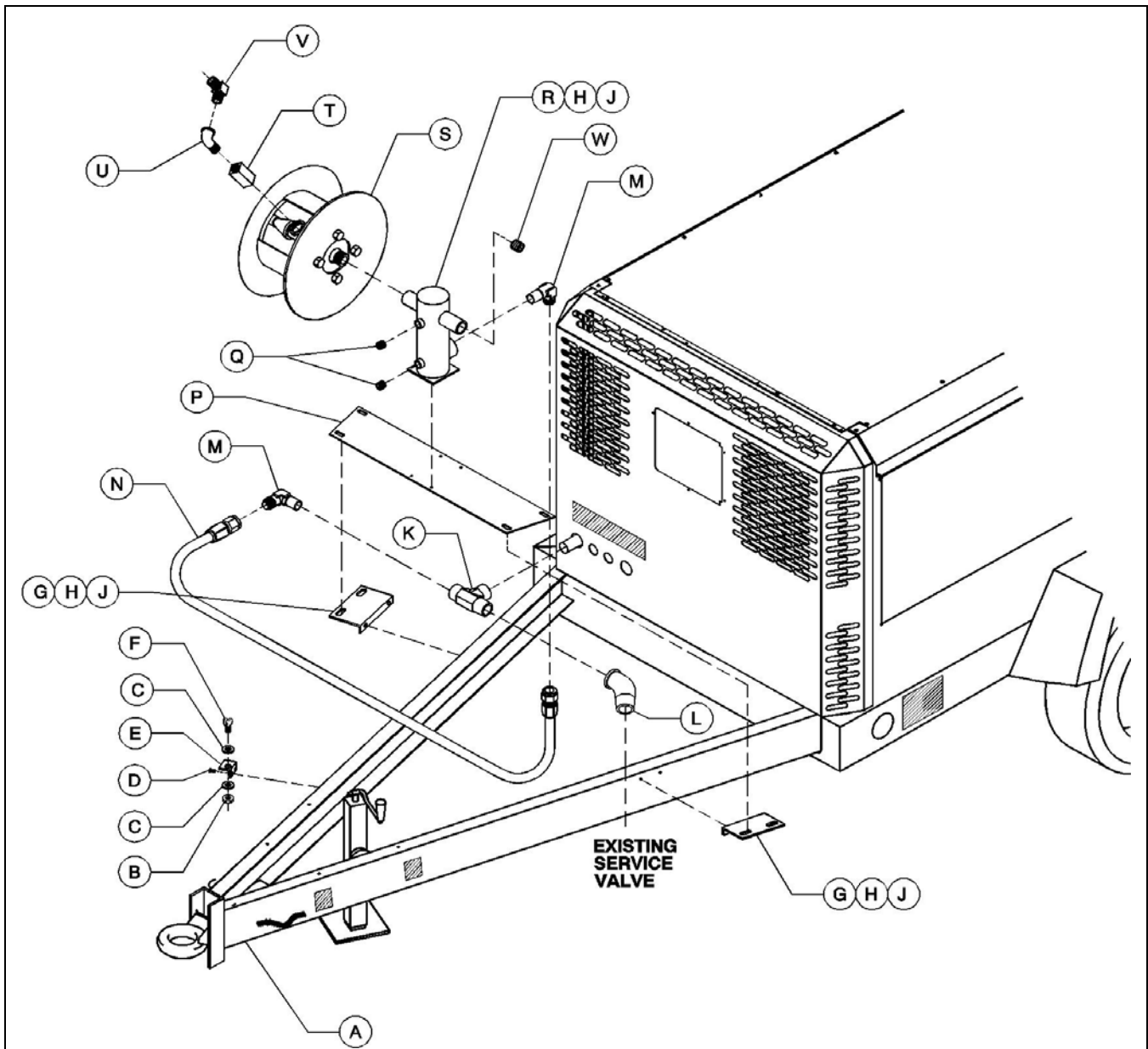
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36765212	HOSE REEL	1	
B	36765188	BEARING COVER	2	
C	36765196	BEARING SHAFT	1	
D	95358297	O-RING	2	
E	36762706	HOSE REEL BEARING	1	
F	95928222	PLUG	1	
G	30671242	SPRING	1	
H	35221902	BALL, RETARD	1	
J	95928040	NIPPLE	1	
K	95072971	GLOBE VALVE	1	
L	35221894	FITTING, LUBE 1/8	1	
M	95937413	WASHER, LOCK 3/8	4	
N	95934584	SCREW, HEX 3/8-16 X 1 1/2	4	

HOSE REEL, SINGLE



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR, EXTENDED LENGTH	1	
B	35153972	CAP, HOSE LOCK	1	
C	95928321	WASHER, FLAT .88"	2	
D	92368687	SCREW, TAPPING M06-1.0 X 12	2	
E	35296748	BRACKET, HOSE REEL LOCK	1	
F	35221910	LOCK, COUPLING HOSE	1	
G	35855238	BRACKET, CHANNEL MTG.	2	
H	36880995	SCREW, HEX FLANGE M10-1.5 X 30	12	
J	36879195	NUT, HEX FLANGE M10-1.5	12	
K	95280087	TEE, STREET 1.25NPT	1	
L	95031522	ELBOW, STREET 1 .25NPT X 45	1	

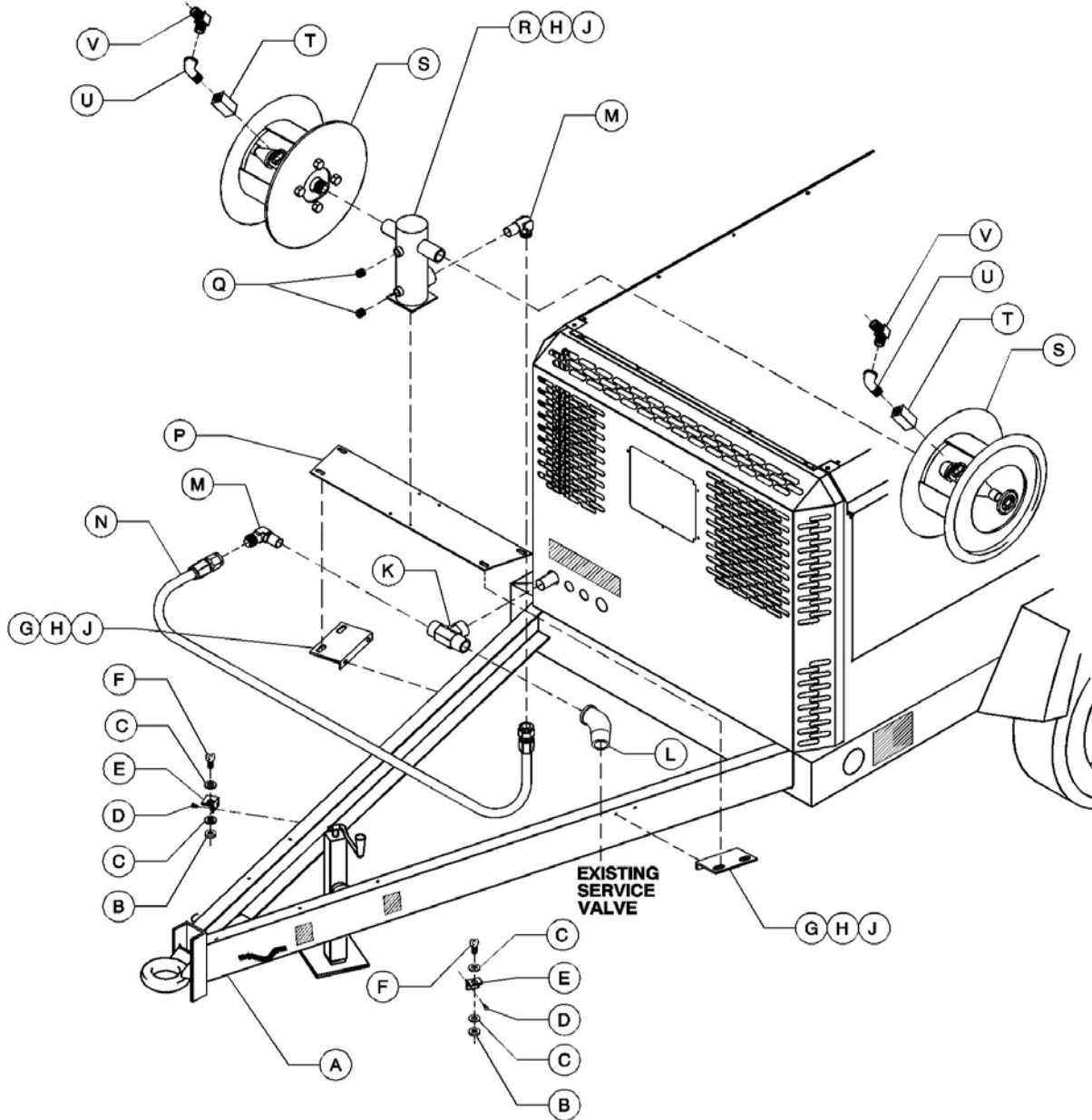
HOSE REEL, SINGLE (cont'd)



Zenith_Option_020_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	95219861	ELBOW, 90 1.25NPT X -20JIC	2	
N	35228170	HOSE	1	
P	36882181	CHANNEL, HOSE REEL	1	
Q	95947149	PLUG, HEX CSK 3/4NPT	2	
R	36755460	MANIFOLD, HOSE REEL	1	
S	35097914	HOSE REEL ASM.	1	
T	35364397	VALVE, CHECK	1	
U	95928172	ELBOW, STREET 3/4NPT X 90	1	
V	95928198	ELBOW, STREET 3/4NPT X 45	1	
W	95928248	PLUG, HEX CSK 1.25"	1	

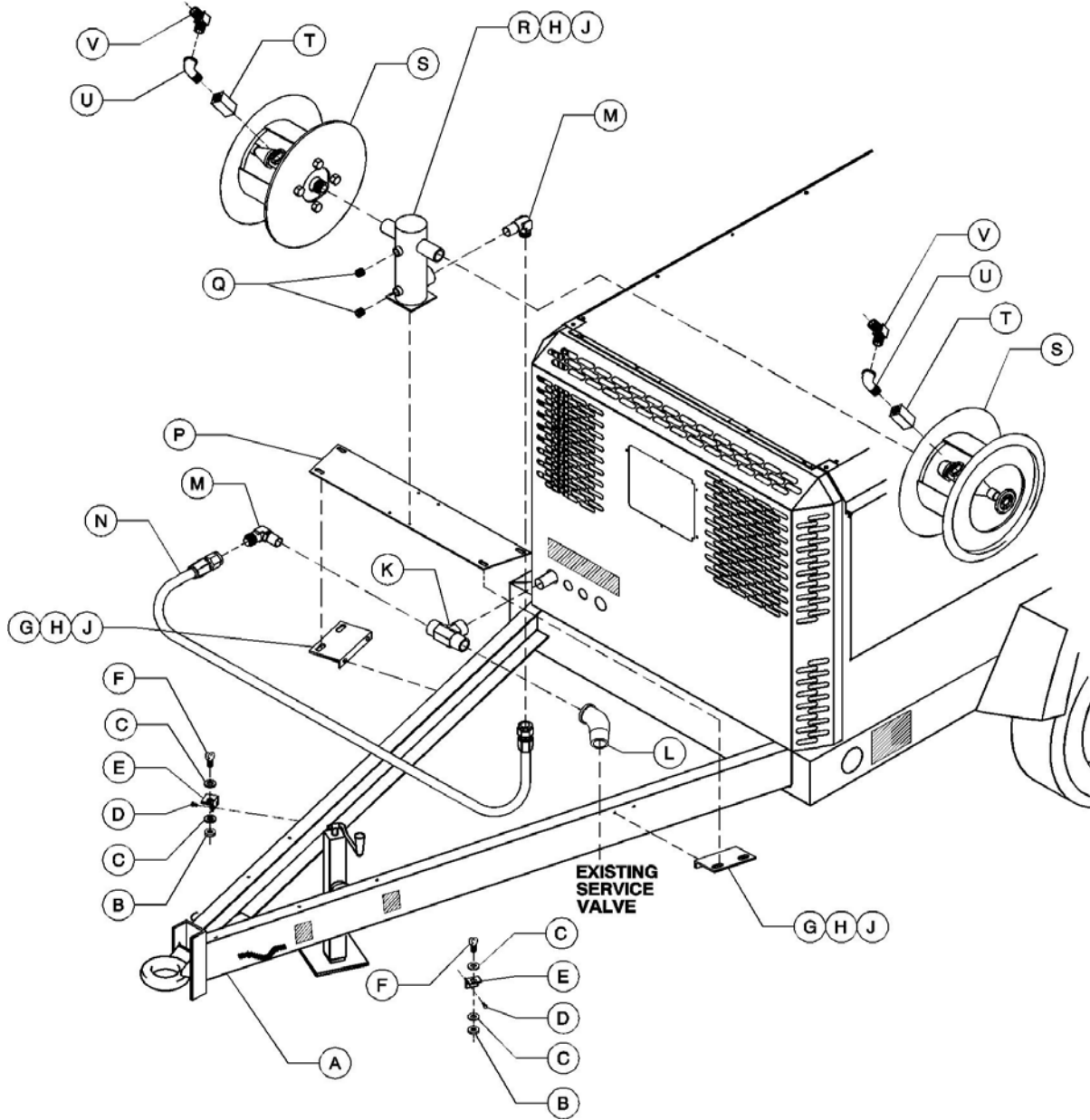
HOSE REEL, DOUBLE



Zenith_Option_021_09/03_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR, EXTENDED LENGTH	1	
B	35153972	CAP, HOSE LOCK	2	
C	95928321	WASHER, FLAT .88"	4	
D	92368687	SCREW, TAPPING M06-1.0 X 12	4	
E	35296748	BRACKET, HOSE REEL LOCK	2	
F	35221910	LOCK, COUPLING HOSE	2	
G	35855238	BRACKET, CHANNEL MTG.	2	
H	36880995	SCREW, HEX FLANGE M10-1.5 X 30	12	
J	36879195	NUT, HEX FLANGE M10-1.5	12	
K	95280087	TEE, STREET 1.25NPT	1	
L	95031522	ELBOW, STREET 1 .25NPT X 45	1	

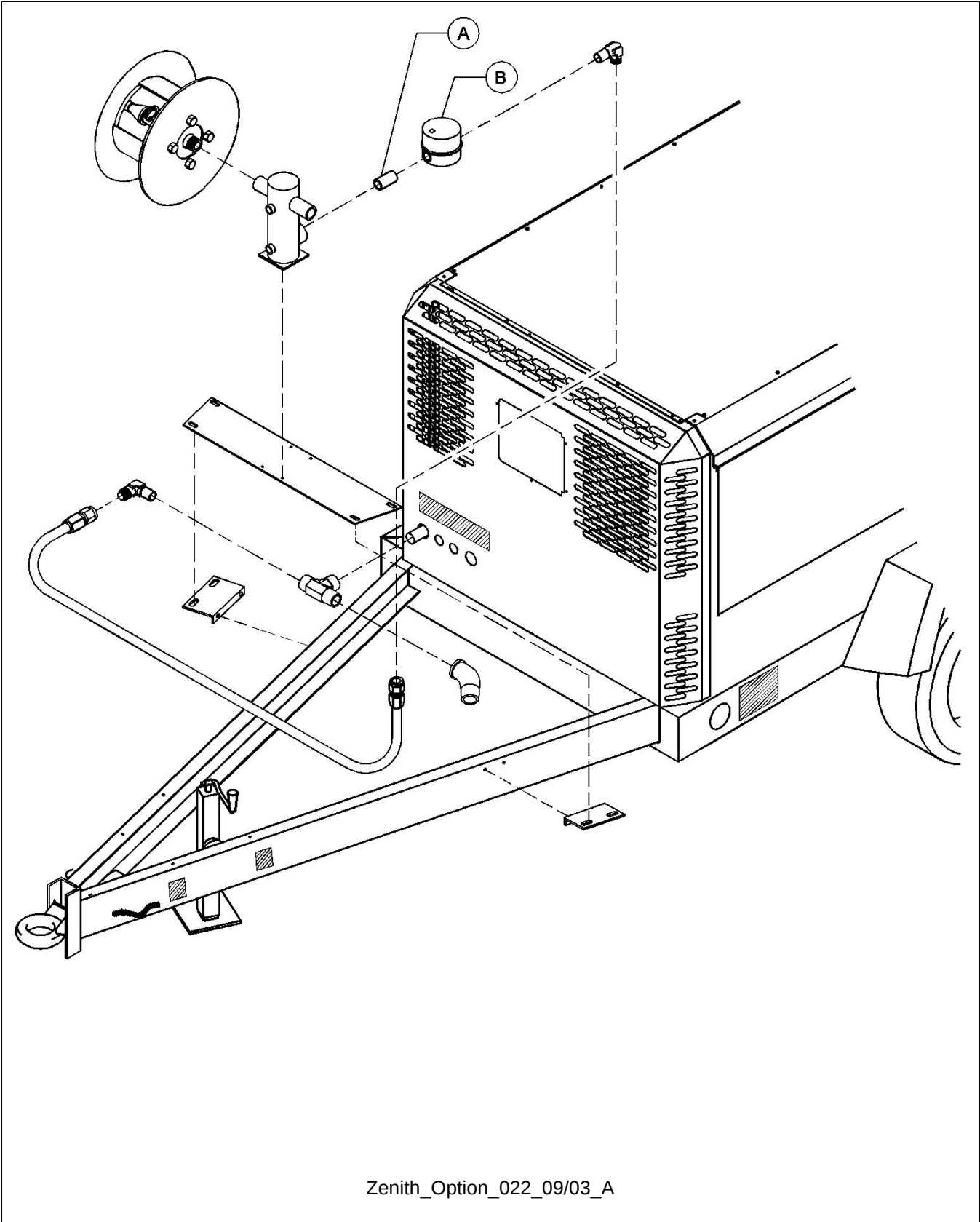
HOSE REEL, DOUBLE (cont'd)



Zenith_Option_021_09/03_A

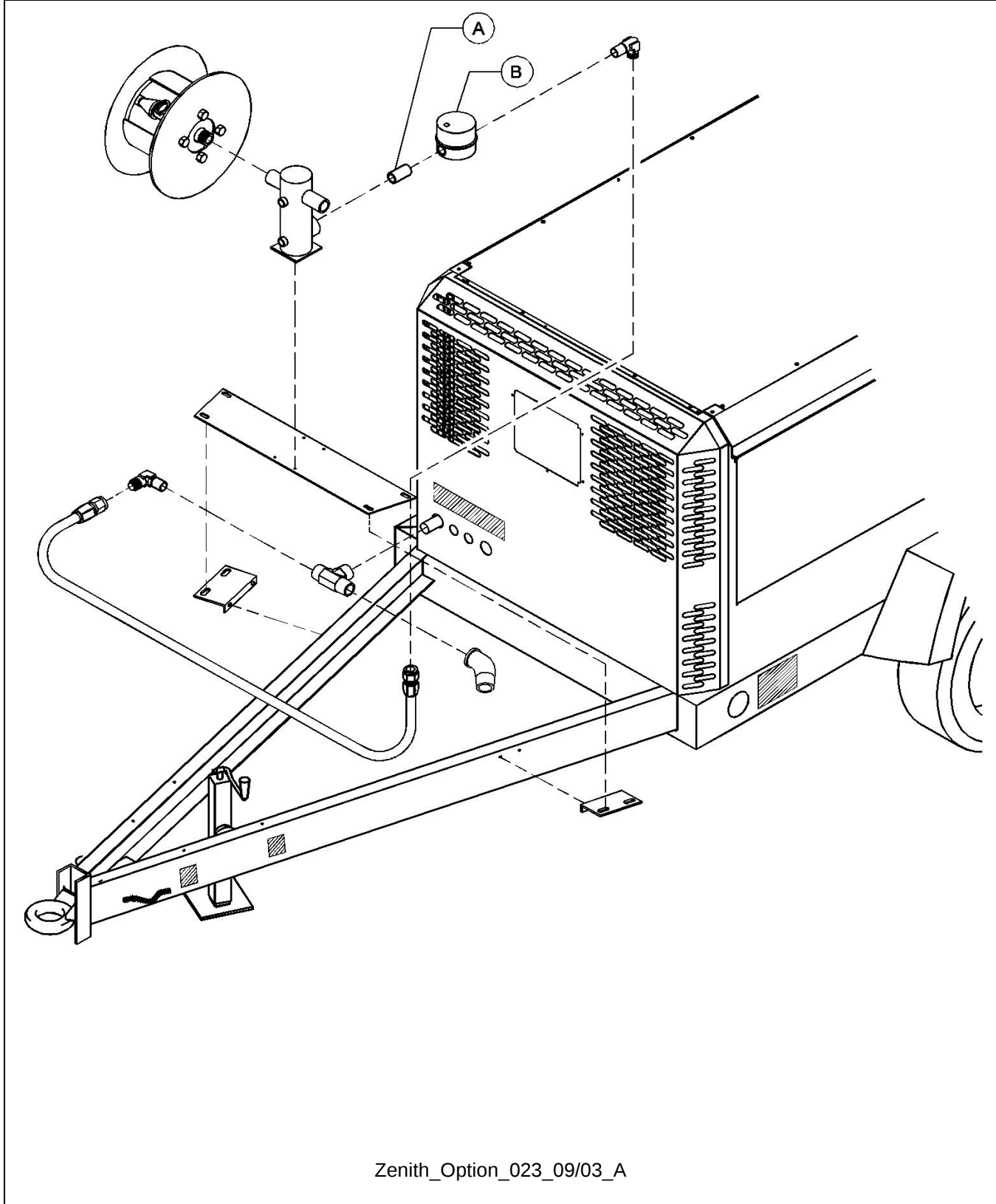
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	95219861	ELBOW, 90 1.25NPT X -20JIC	2	
N	35228170	HOSE	1	
P	36882181	CHANNEL, HOSE REEL	1	
Q	95947149	PLUG, HEX CSK 3/4NPT	2	
R	36755460	MANIFOLD, HOSE REEL	1	
S	35097914	HOSE REEL ASM.	2	
T	35364397	VALVE, CHECK	2	
U	95928172	ELBOW, STREET 3/4NPT X 90	2	
V	95928198	ELBOW, STREET 3/4NPT X 45	2	

HOSE REEL OILER, 1 QUART



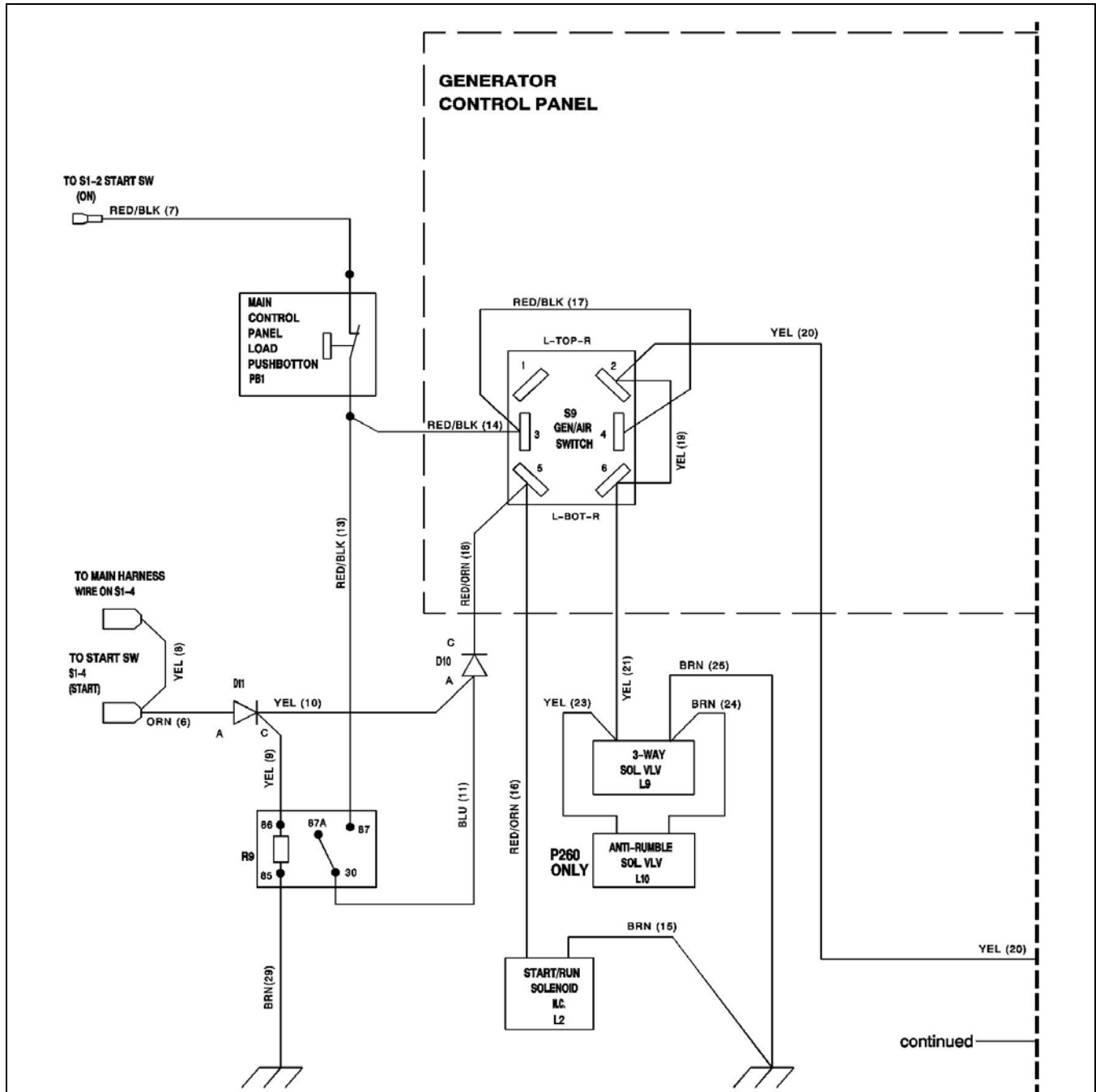
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95953600	NIPPLE, 1.25 X 2	1	
B	35255025	LUBRICATOR, 1 QUART	1	

HOSE REEL OILER, 2 QUART



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95953600	NIPPLE, 1.25 X 2	1	
B	35256252	LUBRICATOR, 2 QUART	1	

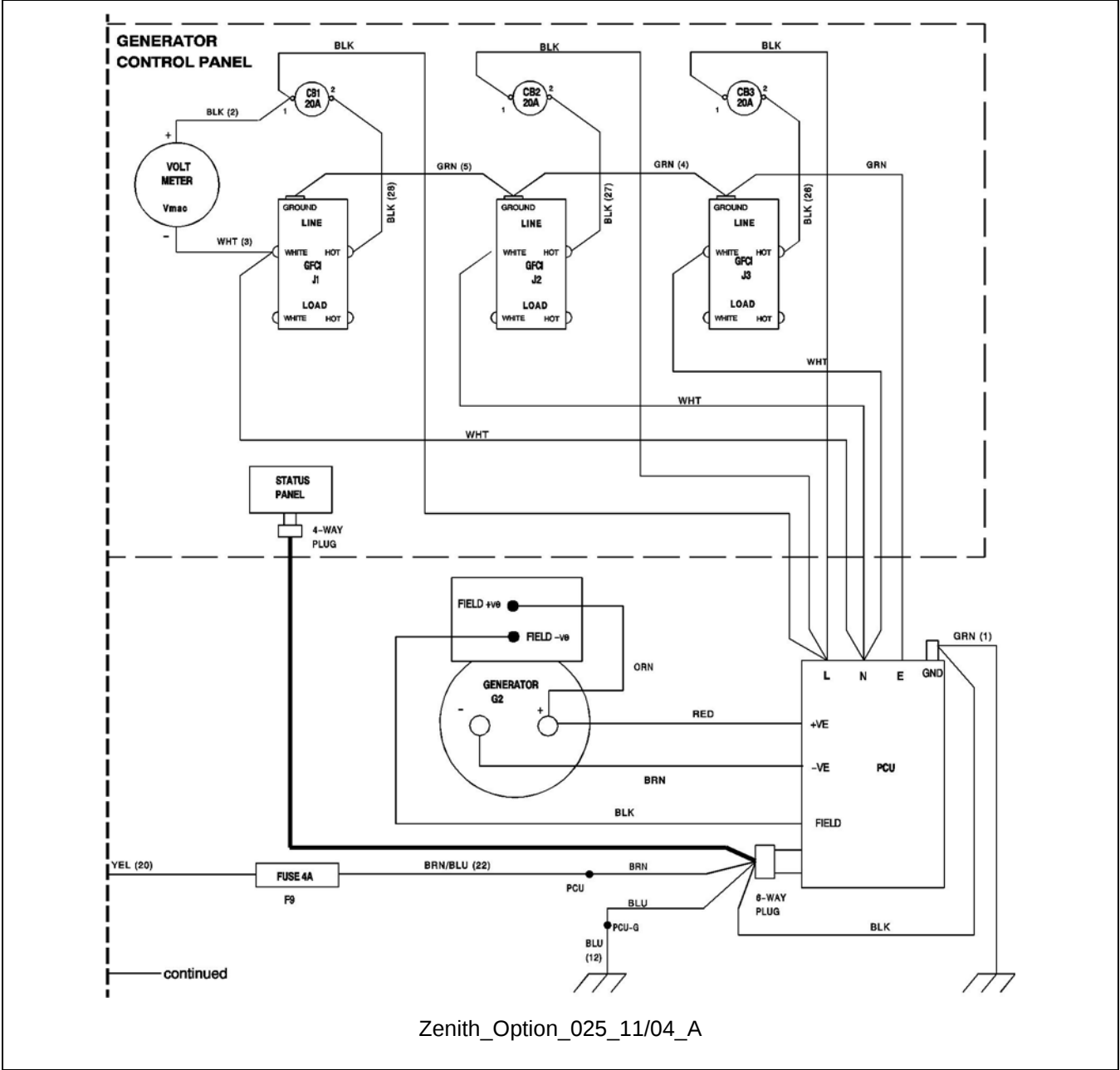
SCHEMATIC, 6 KW GENERATOR WIRING



Zenith_Option_024_11/04_A

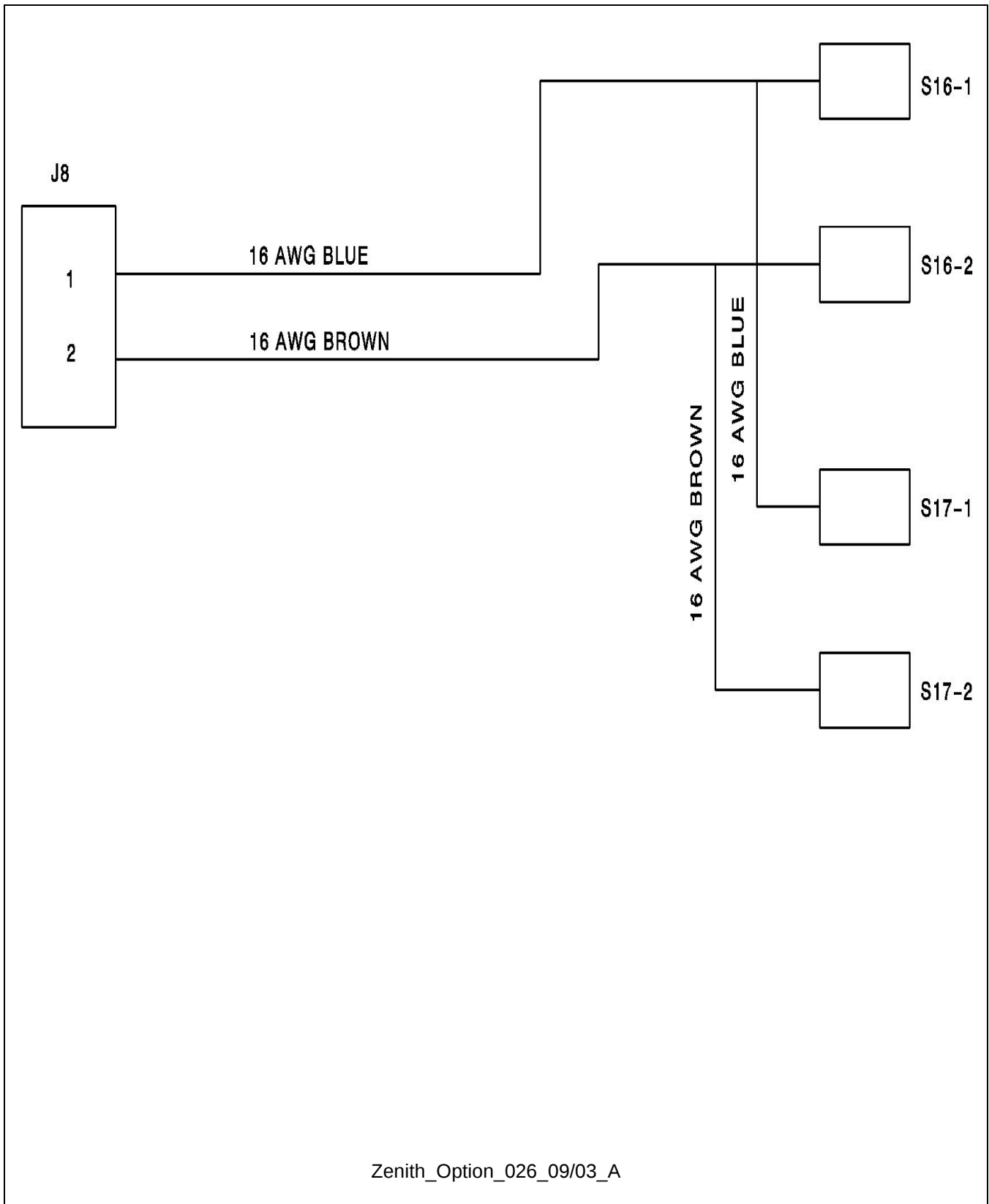
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
D10	35676169	DIODE	1	
D11	35676169	DIODE	1	
L2	36843142	SOLENOID, 24 V	1	
L9	22367171	VALVE, 3-WAY	1	
L10	36843142	SOLENOID, 24 V	1	
PB1	22090278	SWITCH, ROCKER	1	
R9	54368048	RELAY	1	
S9	36892545	SWITCH, 3-POSITION	1	

SCHEMATIC, 6 KW GENERATOR WIRING (cont'd)



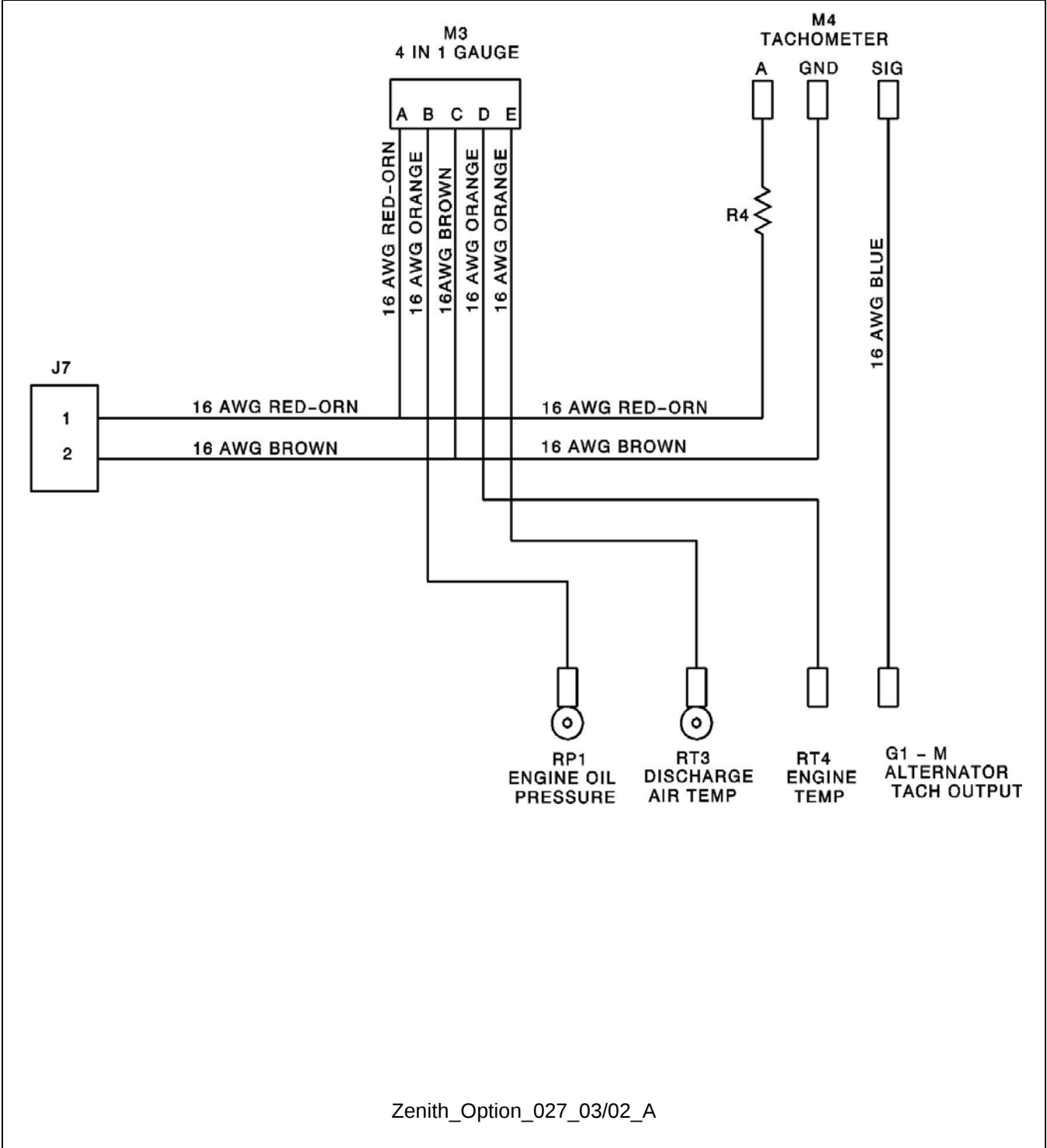
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
CB1	36884443	BREAKER, 20 A CIRCUIT	1	
CB2	36884443	BREAKER, 20 A CIRCUIT	1	
CB3	36884443	BREAKER, 20 A CIRCUIT	1	
F9	35363472	FUSE, 4 A	1	
G2	54363472	GENERATOR, 6kW	1	
J1	36848745	RECEPTACLE, DUPLEX	1	
J2	36848745	RECEPTACLE, DUPLEX	1	
J3	36848745	RECEPTACLE, DUPLEX	1	
PCU	54629696	POWER CONVERSION UNIT	1	
V _{MAC}	36884425	VOLTMETER	1	
W4	54631355	HARNESS, 6kW GENERATOR	1	

SCHEMATIC, FILTER RESTR OPTION WIRING



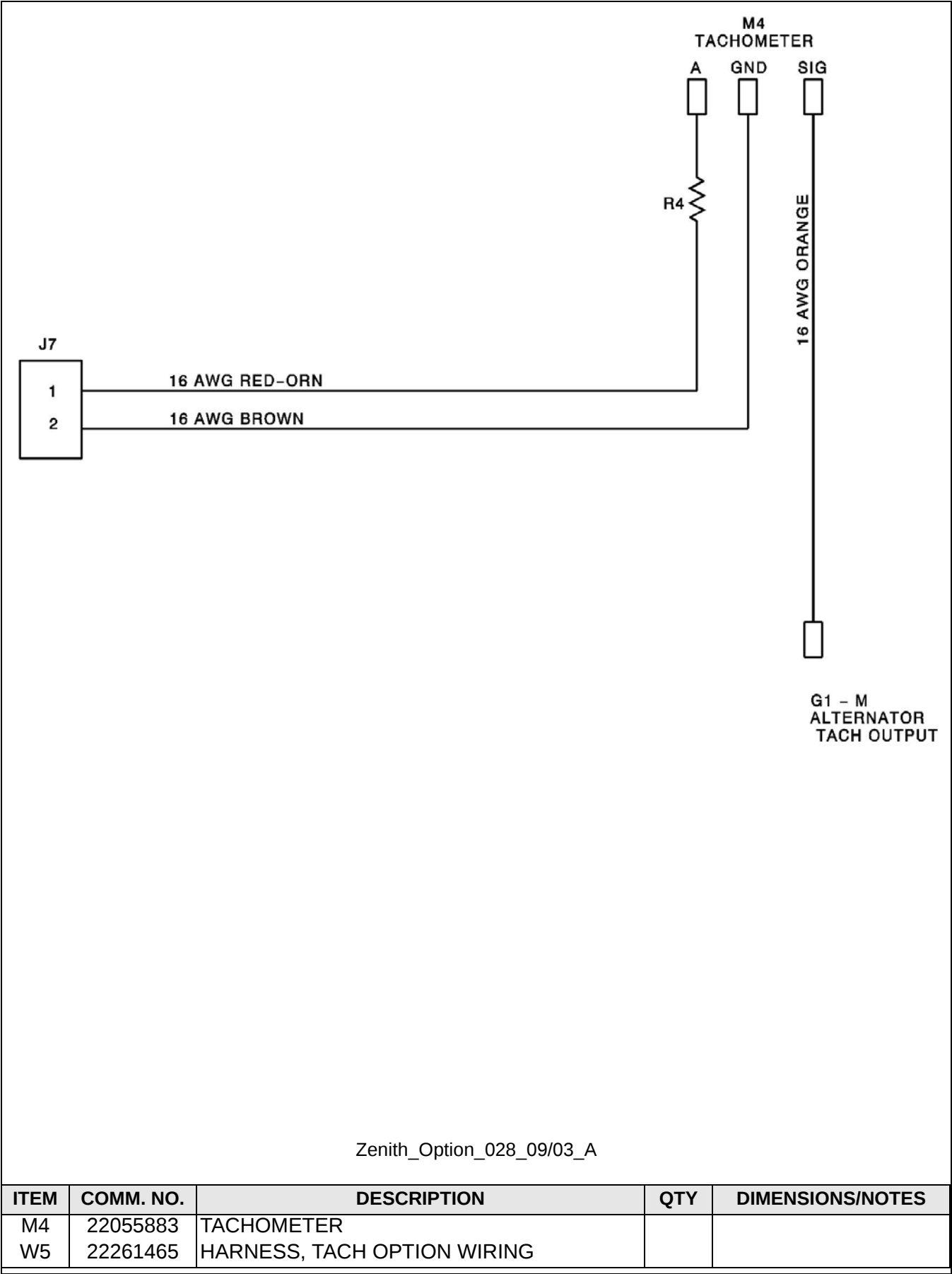
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S16	36847838	SWITCH, AFRI VACUUM		
S17	36847838	SWITCH, AFRI VACUUM		
W4	22251904	HARNESS, AFRI OPTION WIRING		

SCHEMATIC, OPTION WIRING



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M3	22255046	GAUGE, 4-IN-1		
M4	22055883	TACHOMETER		
RP1	36870608	SENDER, PRESSURE (ENGINE OIL)		
RT3	35367218	SENDER, THERMAL (DISCHARGE AIR)		
RT4	35372457	SENDER, THERMAL (ENGINE COOLANT)		
W3	22251896	HARNESS, PANEL WIRING		

SCHEMATIC, TACH OPTION WIRING



MISCELLANEOUS OPTIONS				
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
	36794345 35612746	DOOR KEY LOCK OPTION KEY LOCK CYLINDER KEY (REPLACEMENT)		
	36509073 35131499 35131481 35131457 35131465 35376094 96701750	2" BALL COUPLER OPTION COUPLER ASSEMBLY, 2" BALL LIP * SPRING * NUT, LOOP HANDLE * BOLT * SCREW, HEX M16-2.0 X 120 NUT, HEX M16-2.0		
	54742028 35290113 96701750	SECURITY LIFTING OPTION EYE, SECURITY LIFTING SCREW, HEX M16-2.0 X 75 NUT, HEX M16-2.0		
	36866986 35366319 35366327 35366335 35366343 36866994 35366368 35366376 35366418 35366426 35366434 35366442 35366459 35366467 35366475 36877793 36879203	CASTER WHEEL OPTION CASTER WHEEL ASSEMBLY HANDLE, LOCK PLUNGER * SPRING, LOCK PLUNGER * PIN, HINGE * PLUNGER, LOCK * TIRE & WHEEL ASSEMBLY * BRACKET, FRAME * FORK * SWIVEL HEAD * PIN, COLLAR * FORK, SHAFT * FITTING, LUBE * BOLT, AXLE * NUT, AXLE BOLT * COLLAR * SCREW, HEX FLANGE M12-1.25 X 40 NUT, HEX FLANGE M12-1.25		
		* PART OF OPTION ASSEMBLY		

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