



PARTS MANUAL

COMPRESSOR MODEL

P600 WIR

HP450 WIR CODE A

VHP400 WIR CODE A



This manual contains important safety information.

Do not destroy this manual.

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



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

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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

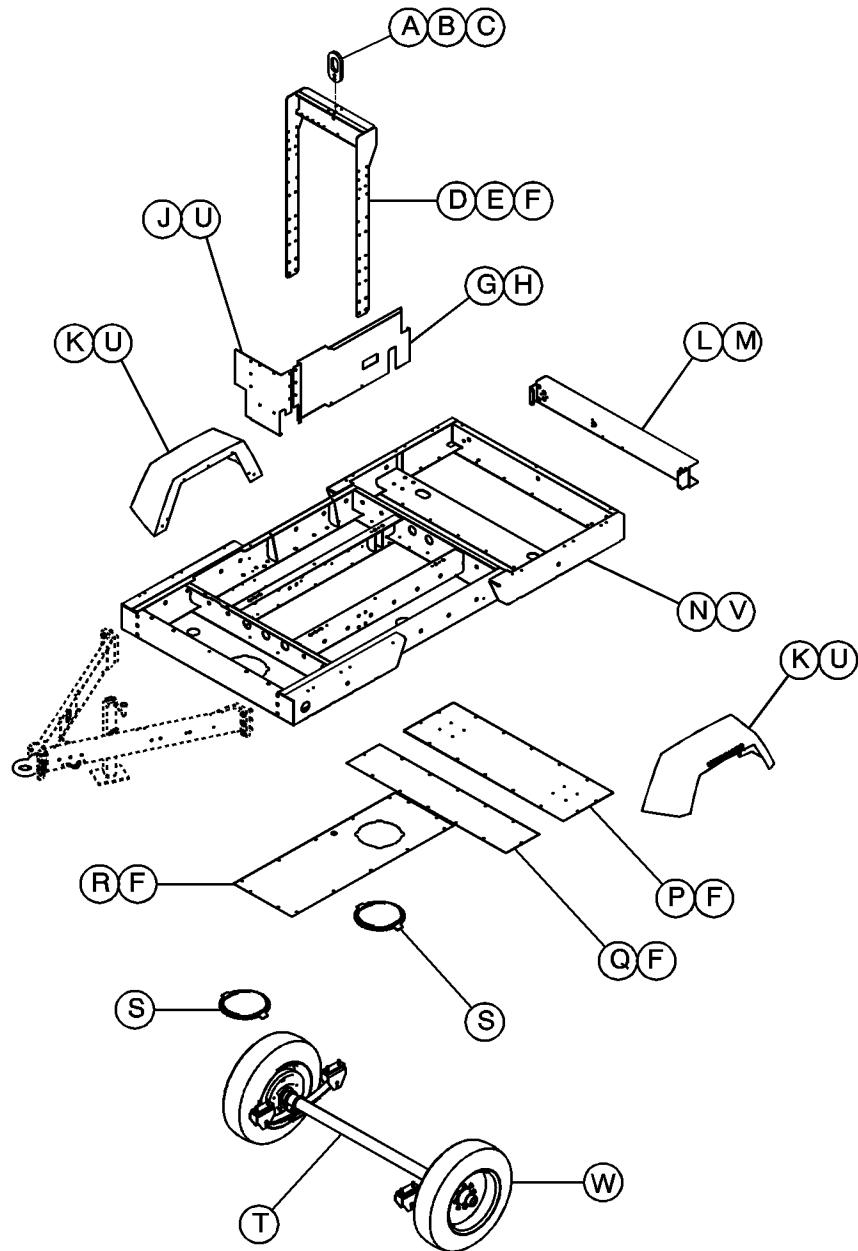
Always specify the model and serial number of the unit.

Specify the part number and description.

Section A - PARTS



FRAME ASSEMBLY

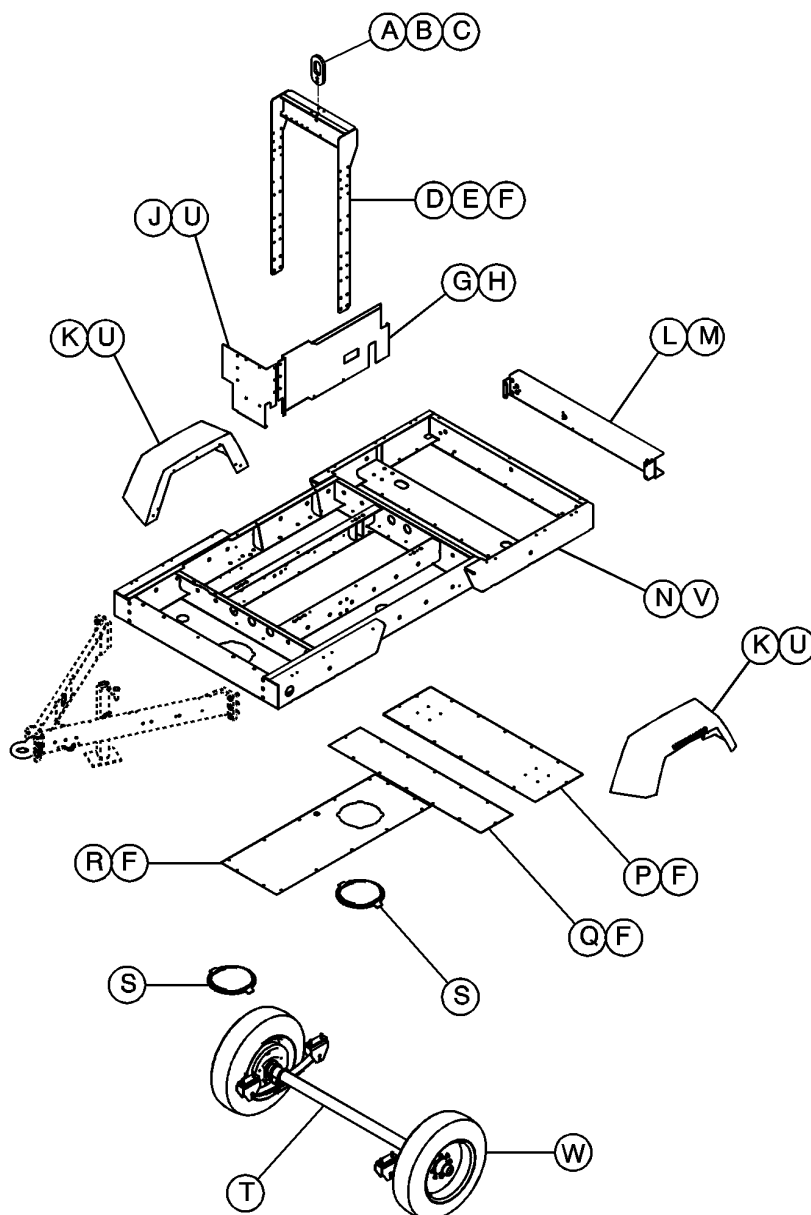


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54759113	PLATE, BAIL EYE	1	
B	36765121	SCREW, HEX M16-2.0 X 55	2	
C	96704630	NUT, HEX NYLOC M16-2.0	2	
D	54774203	BAIL, LIFTING	1	
E	36879492	SCREW, HEX FLANGE M12-1.75 X 25	8	
F	35279025	SCREW, TAPPING M08-1.25 X 20	44	
G	22058333	GUARD, TOOLBOX	1	
H	92368687	SCREW, TAPPING M06-1.0 X 14	8	
J	22109011	PANEL, TOOL BOX SMALL	1	
K	36877579	FENDER	2	

FRAME ASSEMBLY

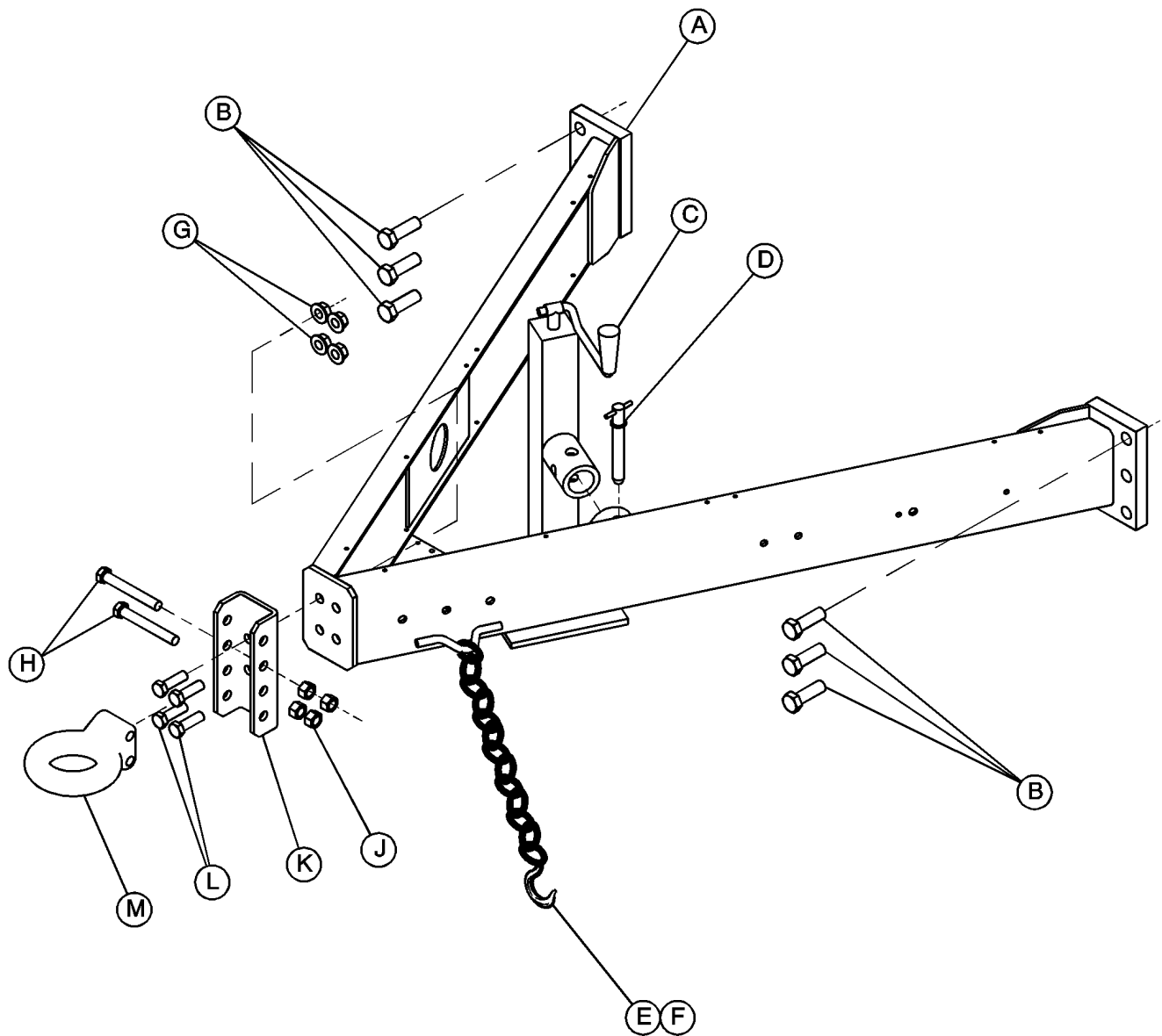
FRAME ASSEMBLY



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	54667902	BUMPER	1	
M	36888055	SCREW, HEX FLANGE M12-1.75 X 30	4	
N	54762166	FRAME	1	
P	54774120	PAN, REAR BELLY	1	
Q	54774138	PAN, CENTER BELLY	1	
R	54774153	PAN, FRONT BELLY	1	
S	36880623	COVER, FLEXABLE ACCESS	1	
T	54738943	RUNNING GEAR	1	
U	36797652	SCREW, TAPPING M06-1.0 X 12	15	
V	54772041	PLUG, SNAP-IN HOLE	10	
W	35284074	TIRE & WHEEL ASSY	2	

DRAWBAR COMPLETE



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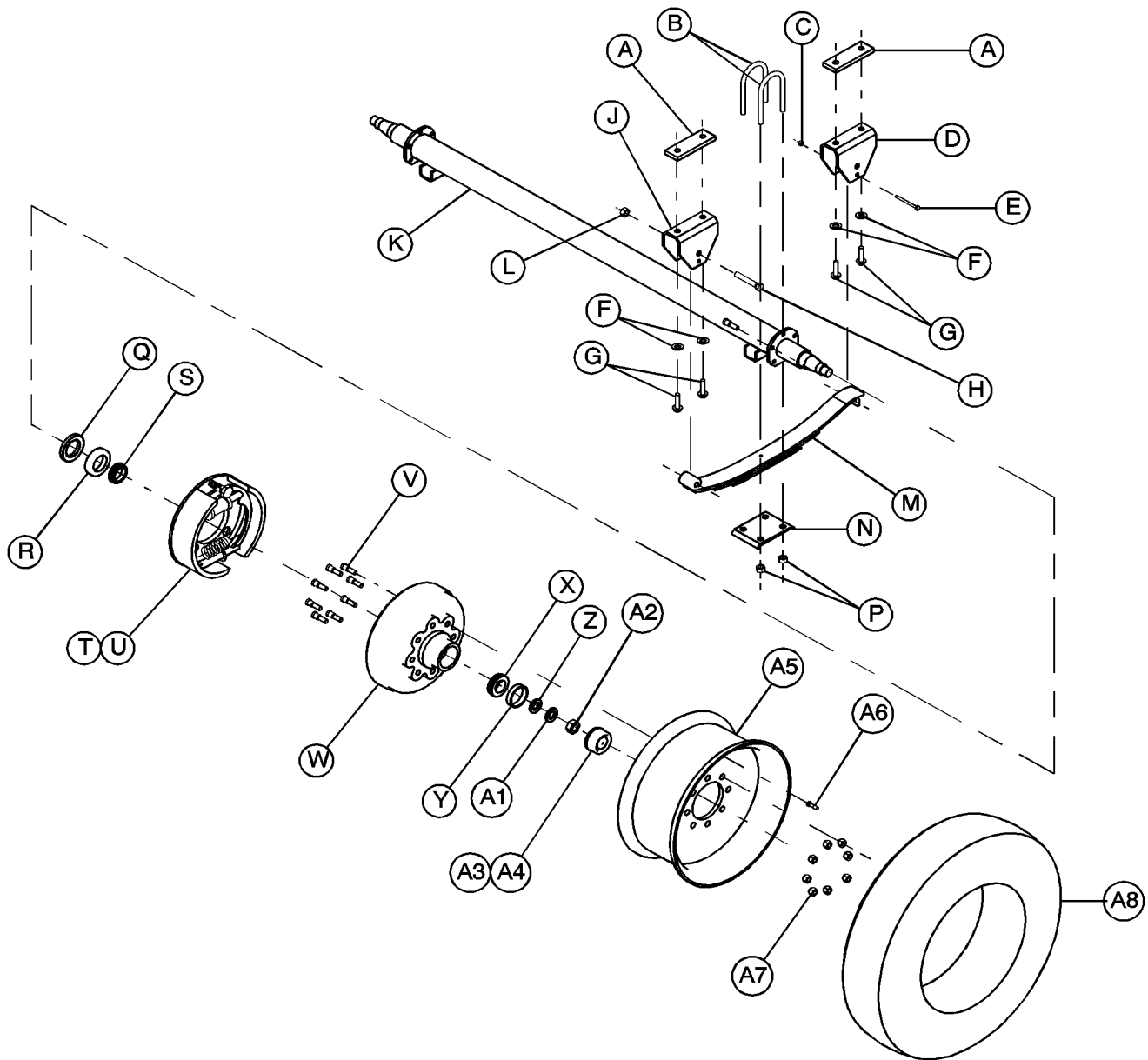
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54767280	DRAWBAR	1	
B	36763670	SCREW, HEX M20-2.50 X 60	6	
C	54443577	JACK ASM.	1	
D	35609544	PIN, QUICK RELEASE	1	
E	35372432	LINK, COUPLING	2	
F	35610377	CHAIN & HOOK ASM.	2	
G	36879211	NUT, HEX FLANGE M16-2.0	4	
H	35376094	SCREW, HEX M16-2.0 X 120	2	
J	96701750	NUT, HEX M16-2.0	4	
K	36757284	CHANNEL, PINTEL MOUNTING	1	
L	39179072	SCREW, HEX M16-2.0 X 50	4	
M	35605187	EYE, PINTEL	1	

This exploded view diagram illustrates the assembly of a mechanical component, likely a wheel hub or axle assembly. The components are labeled as follows:

- Upper Assembly (Right Side):** Includes a central shaft (K) with a pin (L) and a bracket (J). A curved arm (M) is attached to the shaft. A bracket (N) is shown with pins (P). A bracket (D) is shown with pins (E) and (F). A bracket (A) is shown with pins (G) and (H).
- Lower Assembly (Left Side):** Includes a bracket (R) with pins (Q) and (S). A bracket (T) is shown with pins (U) and (V). A bracket (W) is shown with pins (X) and (Z).
- Lower Assembly (Right Side):** Includes a bracket (A1) with pins (A2) and (A3). A bracket (A4) is shown with pins (A5) and (A6). A bracket (A7) is shown with pins (A8) and (A9).

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36880599	SPACER, RUNNING GEAR	4	
B	35316959	U-BOLT, 1/2-20	4	
C	35315373	NUT, KEEPER 5/16-18	2	
D	35326966	HANGER, REAR	2	
E	35315365	BOLT, KEEPER 5/16 -18 X 3.25	2	
F	96935003	WASHER, FLAT 1/2	8	
G	95730395	SCREW, HEX M12-1.75 X 50	8	
H	35315340	BOLT, SHACKLE 9/16-18 X 3.50	2	
J	35326958	HANGER, FRONT	2	
K	22053995	BEAM, AXLE	1	
L	35315357	NUT, LOCK 9/16-18	2	

 RUNNING GEAR COMPLETE

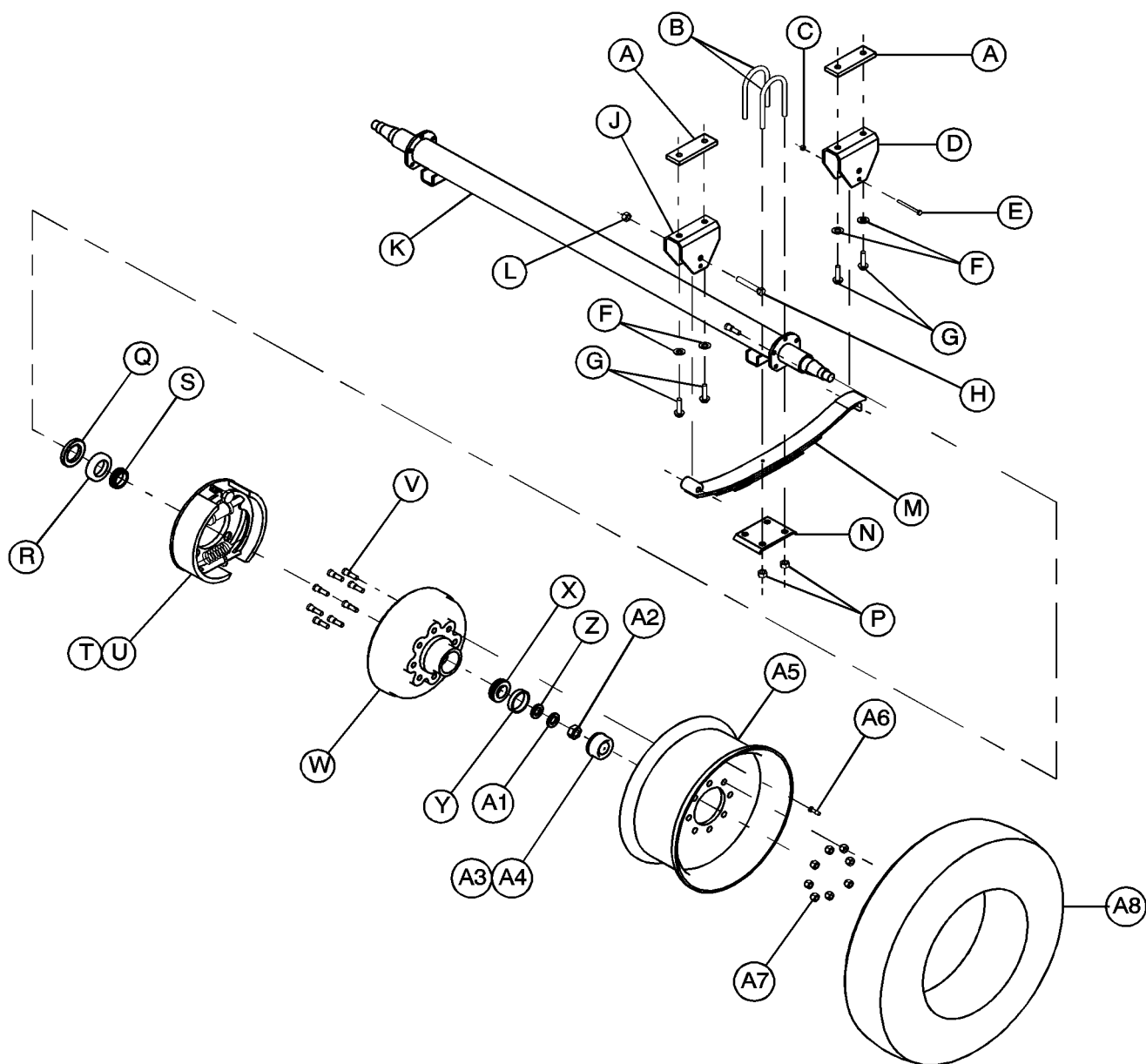


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	35315126	SPRING, SLIPPER	2	
N	35316967	PLATE, TIE	2	
P	35315258	NUT, U-BLOT 1/2-20	8	
Q	36865962	SEAL, GREASE	2	
R	35316884	CUP, INNER BEARING	2	
S	35316876	CONE, INNER BEARING	2	
T	36855377	BRAKE ASM., LH	1	
U	36855385	BRAKE ASM., RH	1	
V	35361898	STUD, WHEEL 1/2-20 X 1.84	16	
W	35388669	HUB, DRUM w/ STUDS	2	
X	35316918	CONE, OUTER BEARING	2	

RUNNING GEAR COMPLETE

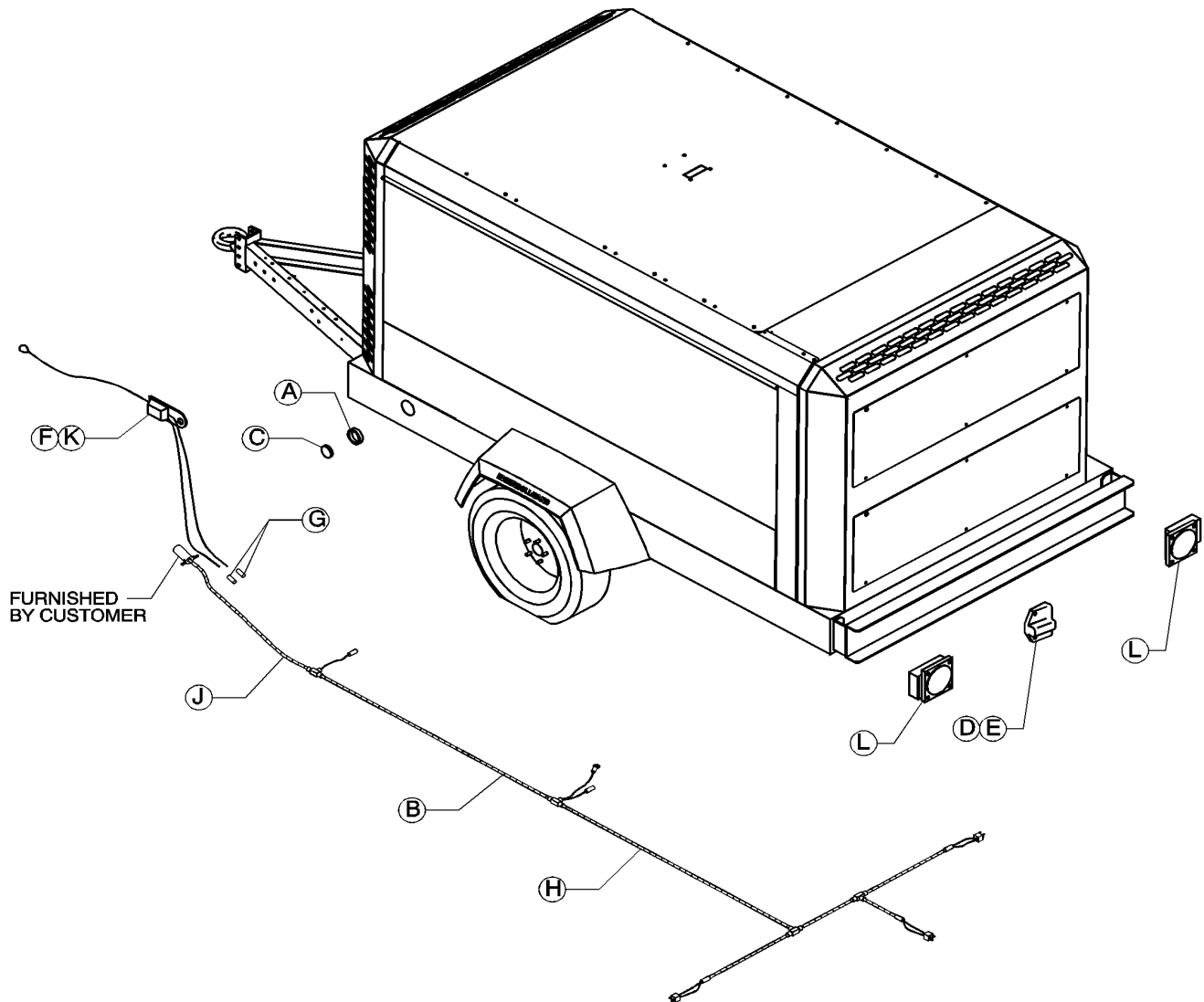
RUNNING GEAR COMPLETE



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Y	35316900	CUP, OUTER BEARING	2	
Z	35315209	WASHER, SPINDLE	2	
A1	35390012	WASHER, TANG	2	
A2	35315217	NUT, SPINDLE	2	
A3	35393792	CUP, GREASE	2	
A4	35391135	PLUG, RUBBER EZ-LUBE	2	
A5	35145234	WHEEL	2	
A6	35148204	STEM, VALVE	2	
A7	35315274	NUT, WHEEL1/2-20	16	
A8	35148071	TIRE, 875-16.5LT/E	2	

ELECTRIC BRAKE WIRING

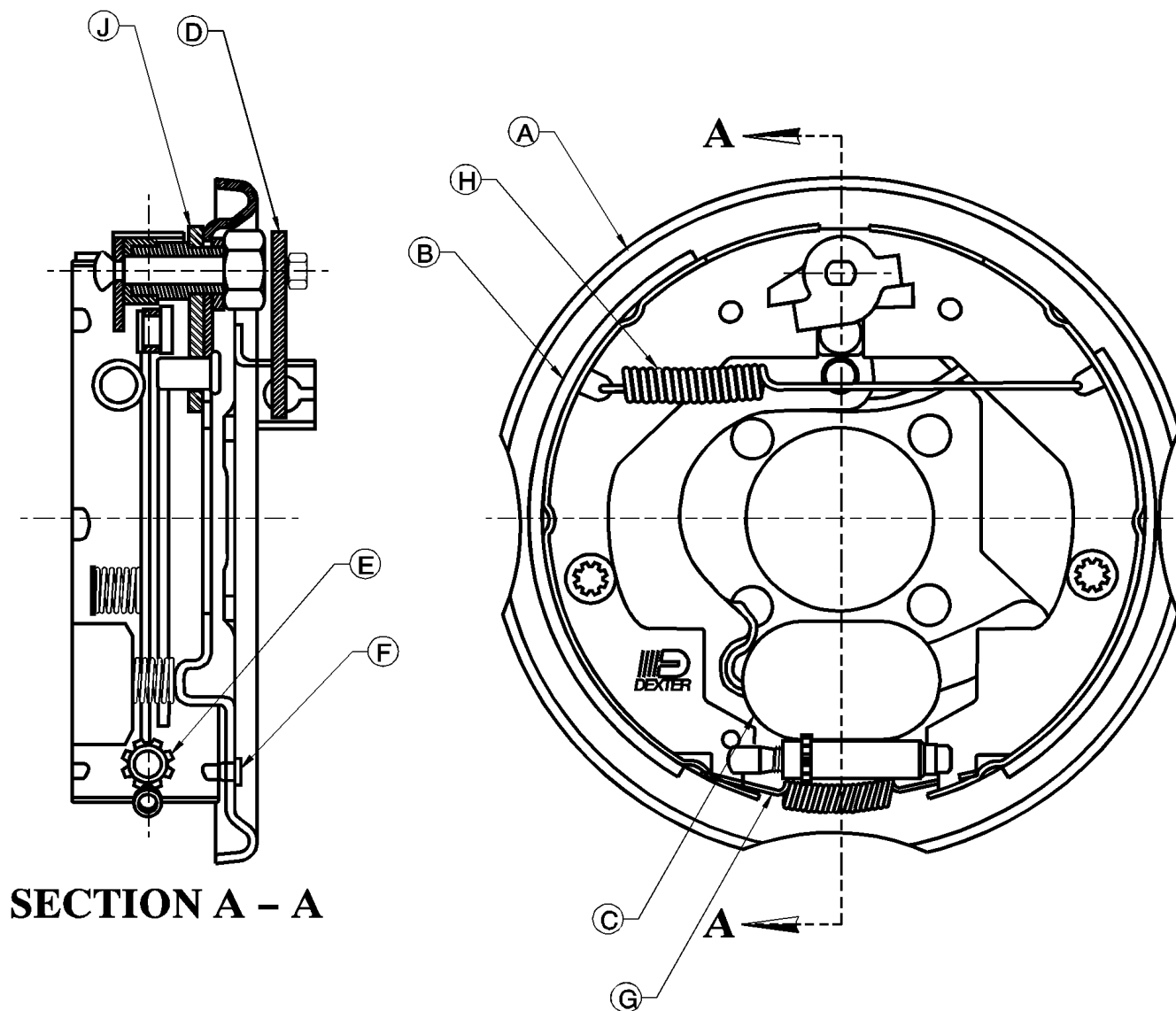


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36893634	GROMMET, SIDE LIGHT	2	
B	54761101	HARNESS, LIGHTING	1	
C	35367051	LIGHT, AMBER CLEARANCE	2	
D	36895860	LIGHT, LICENSE	1	
E	36782837	SCREW, HEX SHEETMETAL #10 X 1.0"	2	
F	35315944	SWITCH, BREAKAWAY	1	
G	37140365	SPLICE, INSULATED	2	
H	35253038	CLAMP, 3/8" SUPPORT	3	
J	35225077	CLAMP, SUPPORT	4	
K	36797652	SCREW, TAPPINGH M06-1.0 X 12	1	
L	54671557	LIGHT, STOP/TAIL/TURN	2	

ELECTRIC BRAKE SHOE

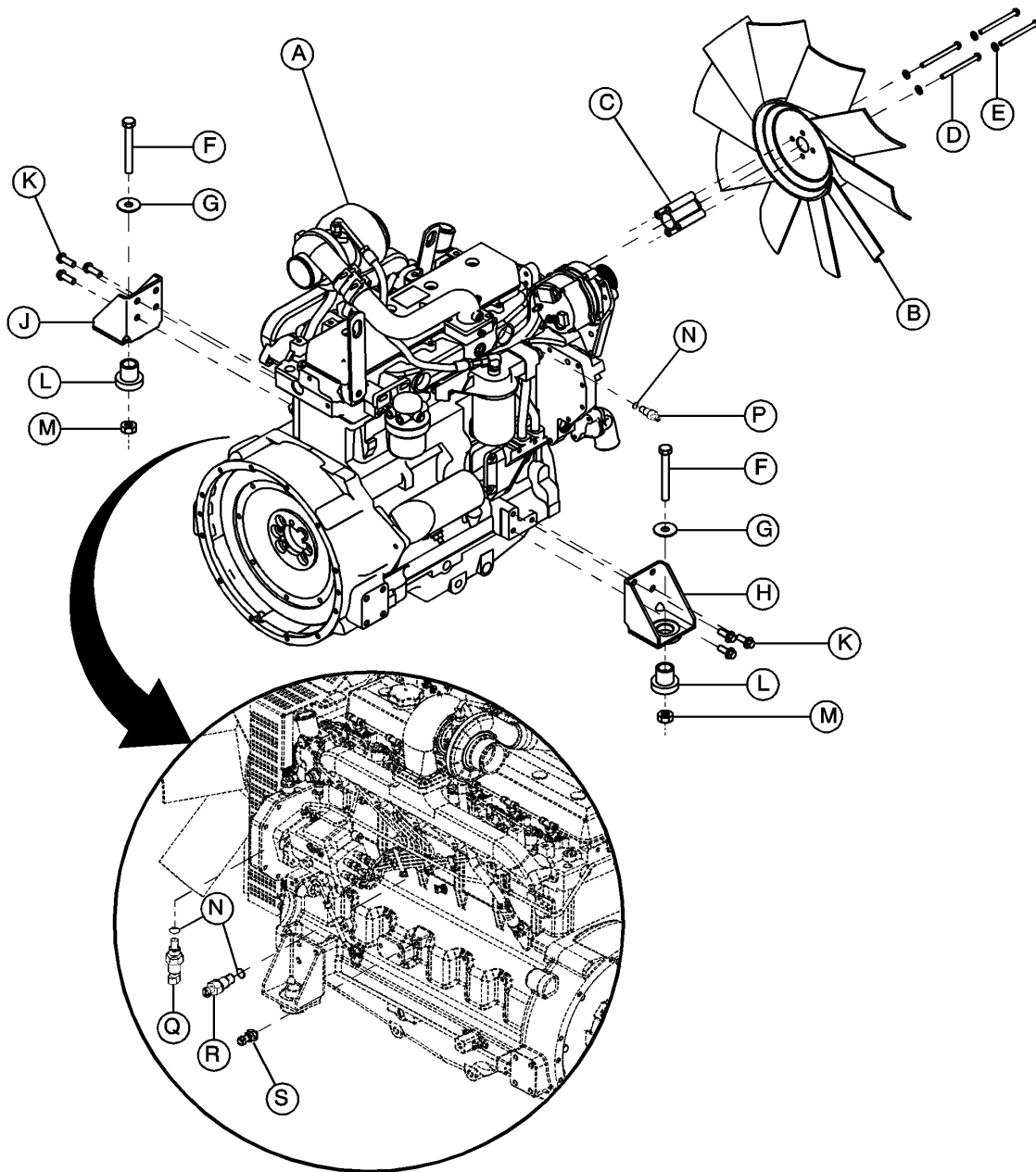
ELECTRIC BRAKE SHOE



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35390830	PLATE ASM., LH BACKING	1	
	35390848	PLATE ASM., RH BACKING	1	
B	36895803	SHOE KIT, BRAKE	1	
C	36895811	MAGNET KIT	2	
D	35390913	LEVER, PARKING BRAKE	2	
E	35393727	SCREW ASM., ADJUSTING	2	
F	35391069	PLUG, ADJUSTING SLOT	2	
G	35363727	SPRING KIT, ADJUSTING SCREW &	2	
H	35391002	SPRING, RETRACTOR	2	
J	36895829	LEVER KIT, LH ACTUATING	1	
	36895837	LEVER KIT, RH ACTUATING	1	

ENGINE COMPLETE

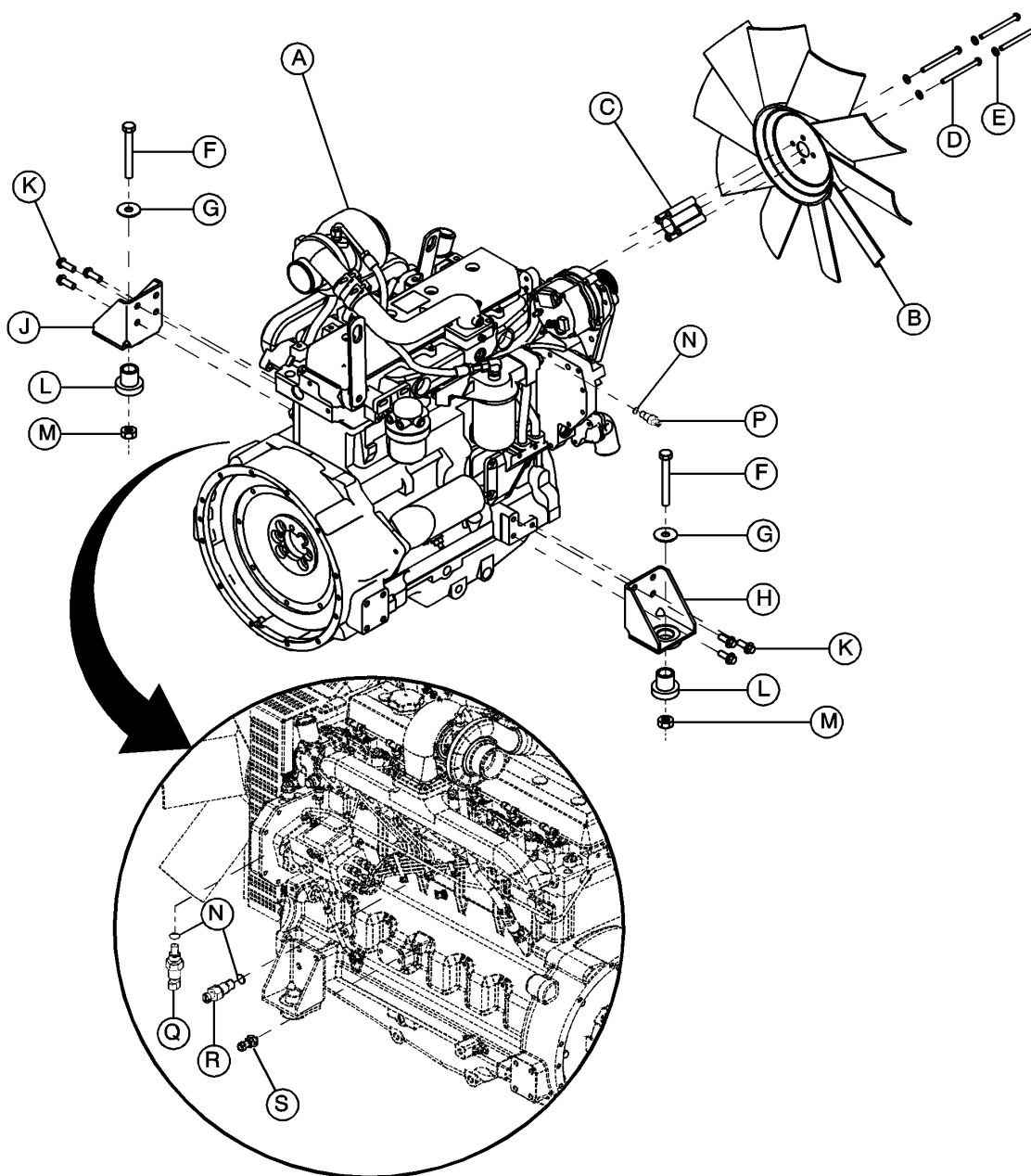


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22158521	ENGINE	1	
B	54763032	FAN	1	
C	54749056	SPACER, FAN	1	
D	96726435	SCREW, HEX M08-1.25 X 100	4	
E	96701396	WASHER, FLAT M08	4	
F	96701503	SCREW, HEX M16-2.0 X 90	2	
G	35327212	WASHER, SNUBBER	2	
H	54756739	MOUNT, STSD ENGINE	1	
J	54756507	MOUNT CRBSD ENGINE	1	
K	36879492	SCREW, HEX FLANGE M12-1.75 X 25	6	

ENGINE COMPLETE

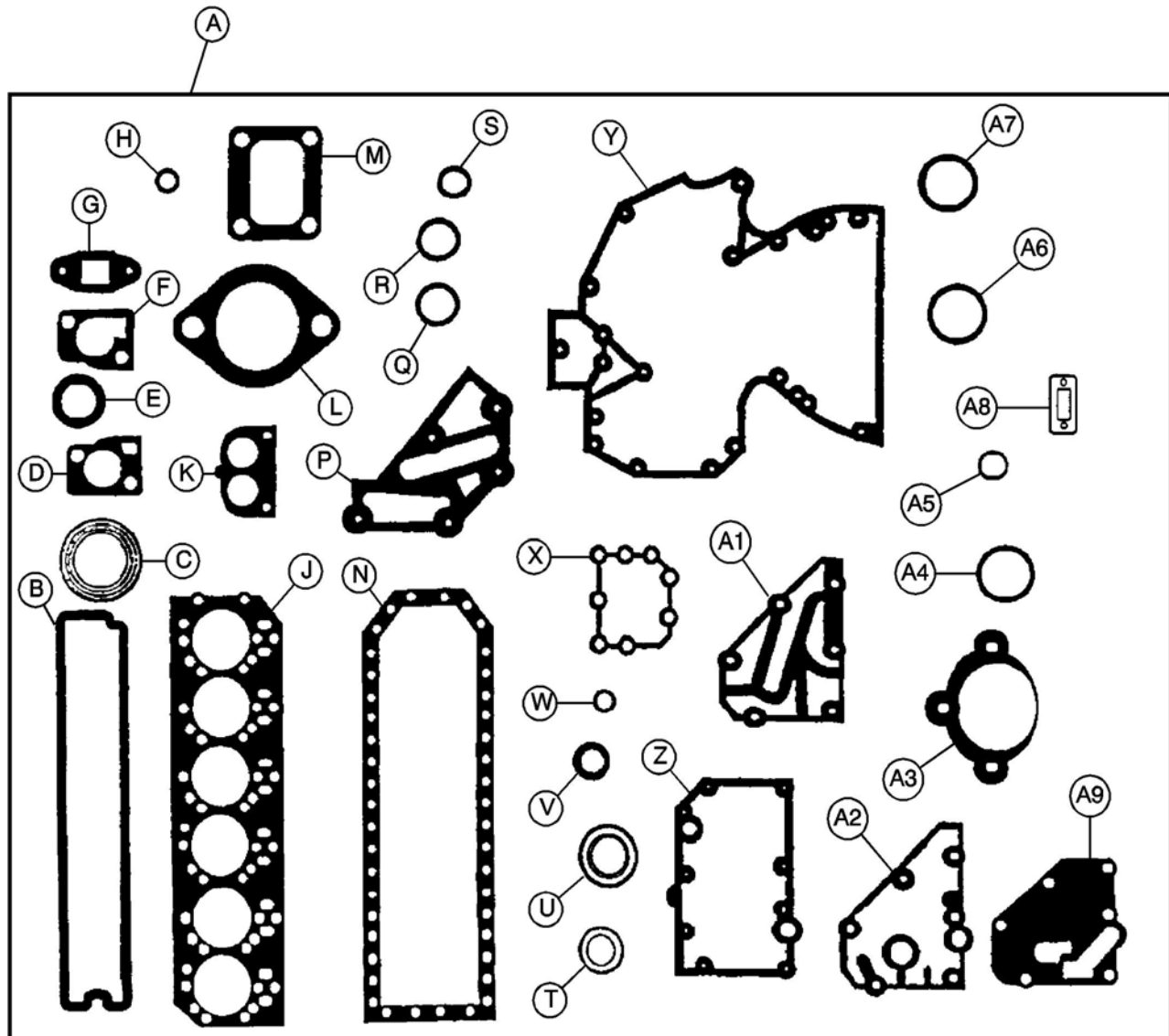
ENGINE COMPLETE



22557896_008_11/04_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	54756697	ISOLATOR, CENTER BOND	2	
M	96704630	NUT, HEX NYLOC M16-2.0	2	
N	85470807	O-RING 11.30 X 2.20 mm	3	
P	22222608	SENSOR, ENGINE HEAD TEMPERATURE	1	
Q	22222590	SENSOR, COOLANT TEMPERATURE	1	
R	22222582	SENSOR, ENGINE SPEED	1	
S	22222574	SENSOR, OIL PRESSURE	1	
	22206148	ELEMENT, OIL FILTER	1	
	22206197	ELEMENT, FUEL FILTER	1	

ENGINE OVERHAUL GASKET SET

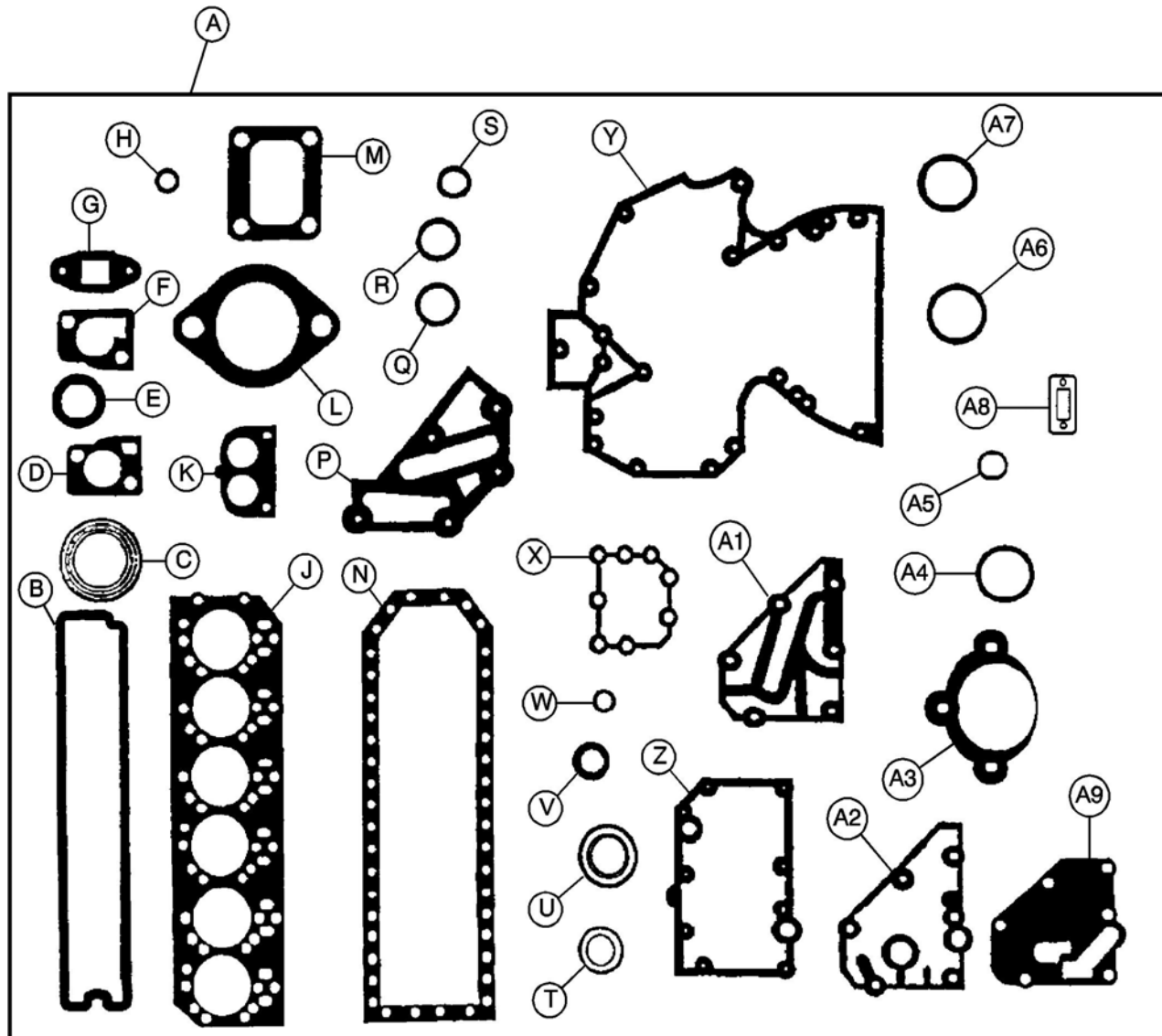


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85473478	GASKET SET, ENGINE OVERHAUL		
B	85471738	GASKET, VALVE COVER		
C	36111458	GASKET, EXHAUST MANIFOLD		
D	85472496	GASKET, THERMOSTAT COVER		
E	96106060	GASKET, WATER BYPASS TUBE		
F		NOT USED ON THIS ENGINE		
G	36106748	GASKET, TURBO OIL OUTLET		
H	36106771	GASKET, VALVE COVER STUD O-RING		
J	85471340	GASKET, CYLINDER HEAD		
K		NOT USED ON THIS ENGINE		
L	36125284	GASKET, AIR INLET		

ENGINE OVERHAUL GASKET SET

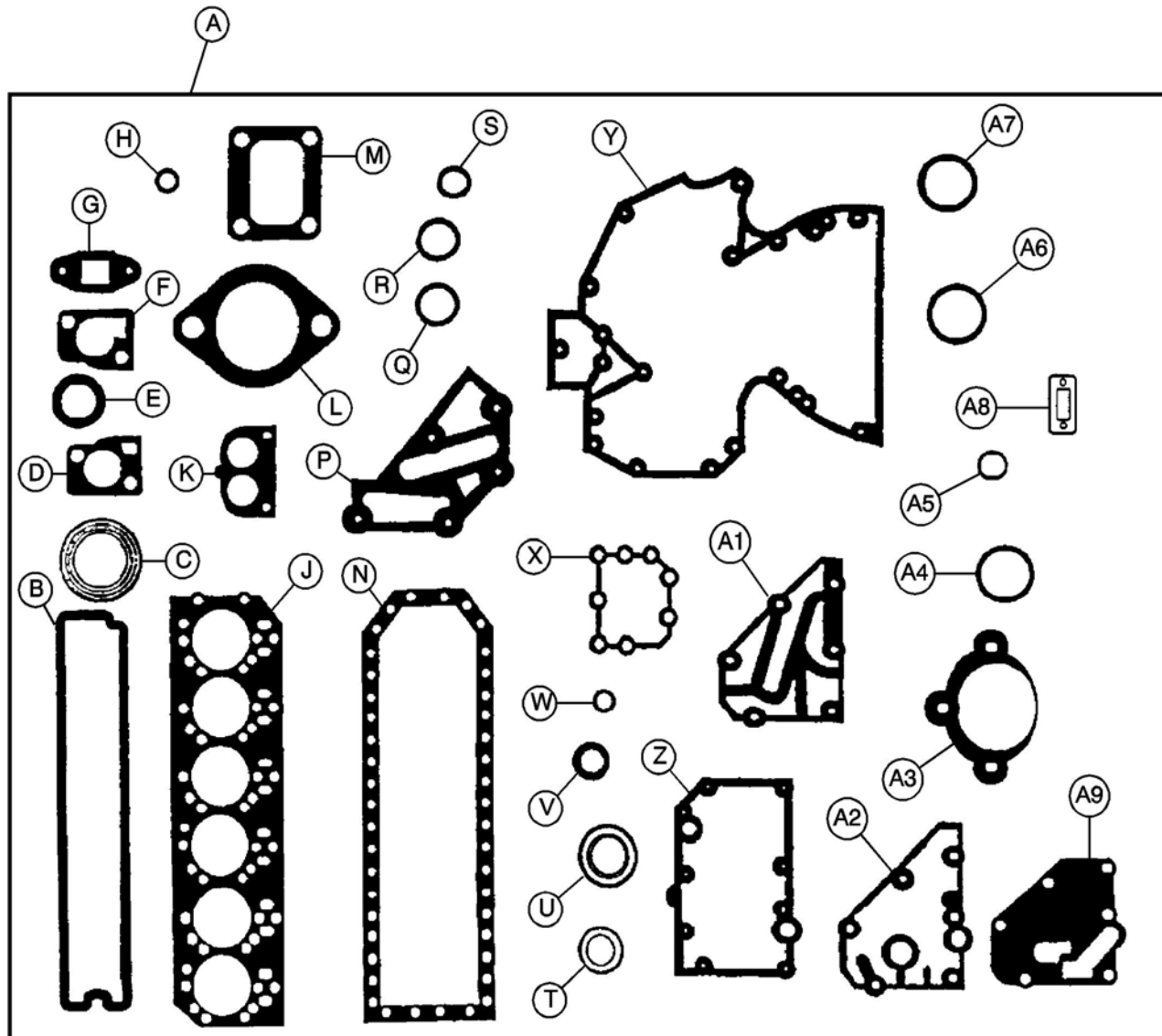
ENGINE OVERHAUL GASKET SET



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36106755	GASKET, TURBO EXHAUST		
N	24899155	GASKET, OIL PAN		
P	85471597	GASKET, OIL COOLER ADAPTER		
Q		NOT USED ON THIS ENGINE		
R	36111938	GASKET, OIL PUMP OUTLET O-RING		
S	36109932	GASKET, OIL PUMP INTAKE O-RING		
T	36120327	WASHER, FLAT		
U	36114015	SEAL, REAR OIL		
V	36116036	SEAL, FRONT OIL		
W	36103102	GASKET, FUEL TRANSFER PUMP O-RING		
X	36106250	GASKET, WATER PUMP		

ENGINE OVERHAUL GASKET SET

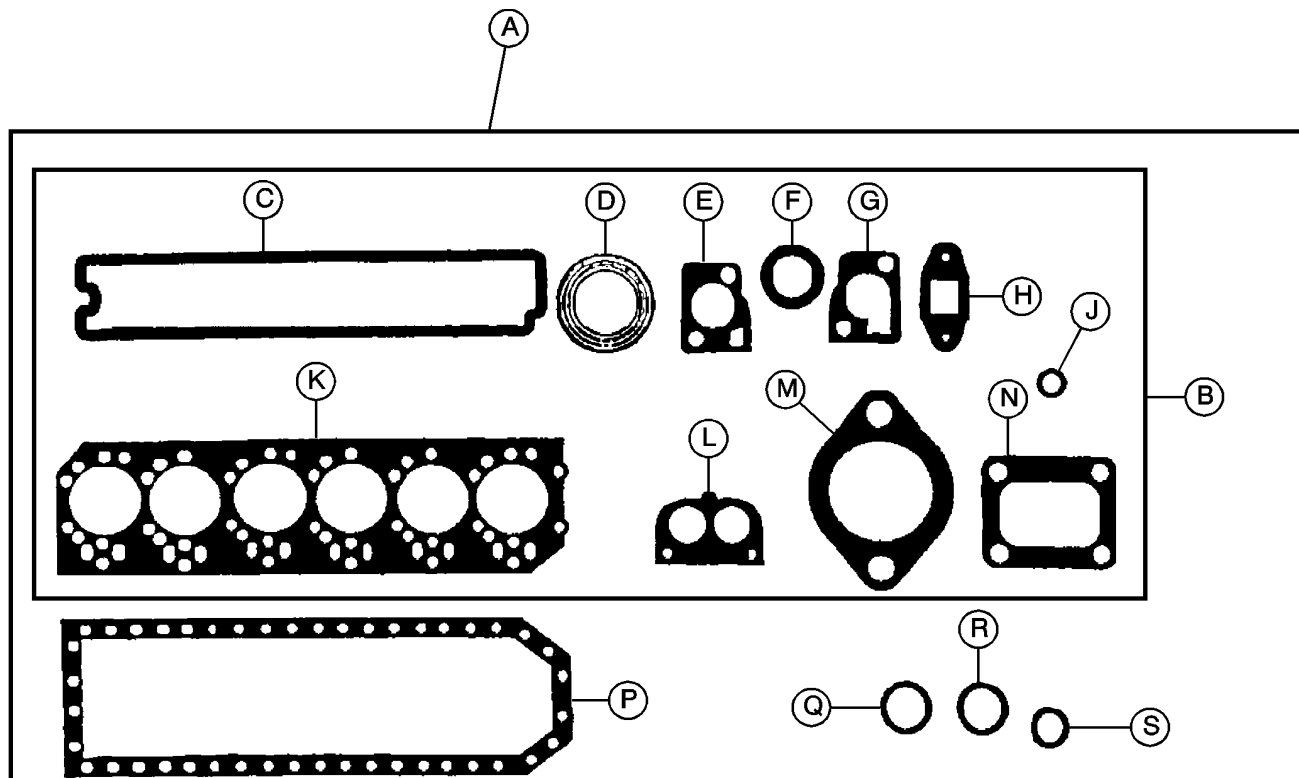


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Y	85471985	GASKET, TIMING GEAR COVER		
Z	36106607	GASKET, OIL COOLER HOUSING		
A1	24899320	GASKET, OIL FILTER ADAPTER		
A2		NOT USED ON THIS ENGINE		
A3		NOT USED ON THIS ENGINE		
A4	36110385	GASKET, O-RING 18.22 X 2.616		
A5	36111425	GASKET, O-RING 50.394 X 3.541		
A6	36109890	GASKET, TUBE/TIMING GEAR CVR O-RING		
A7	36118693	GASKET, OIL COOLER HOUSING O-RING		
A8	36108595	GASKET, OIL FILLER PORT		
A9		NOT USED ON THIS ENGINE		

SHORT BLOCK GASKET SET

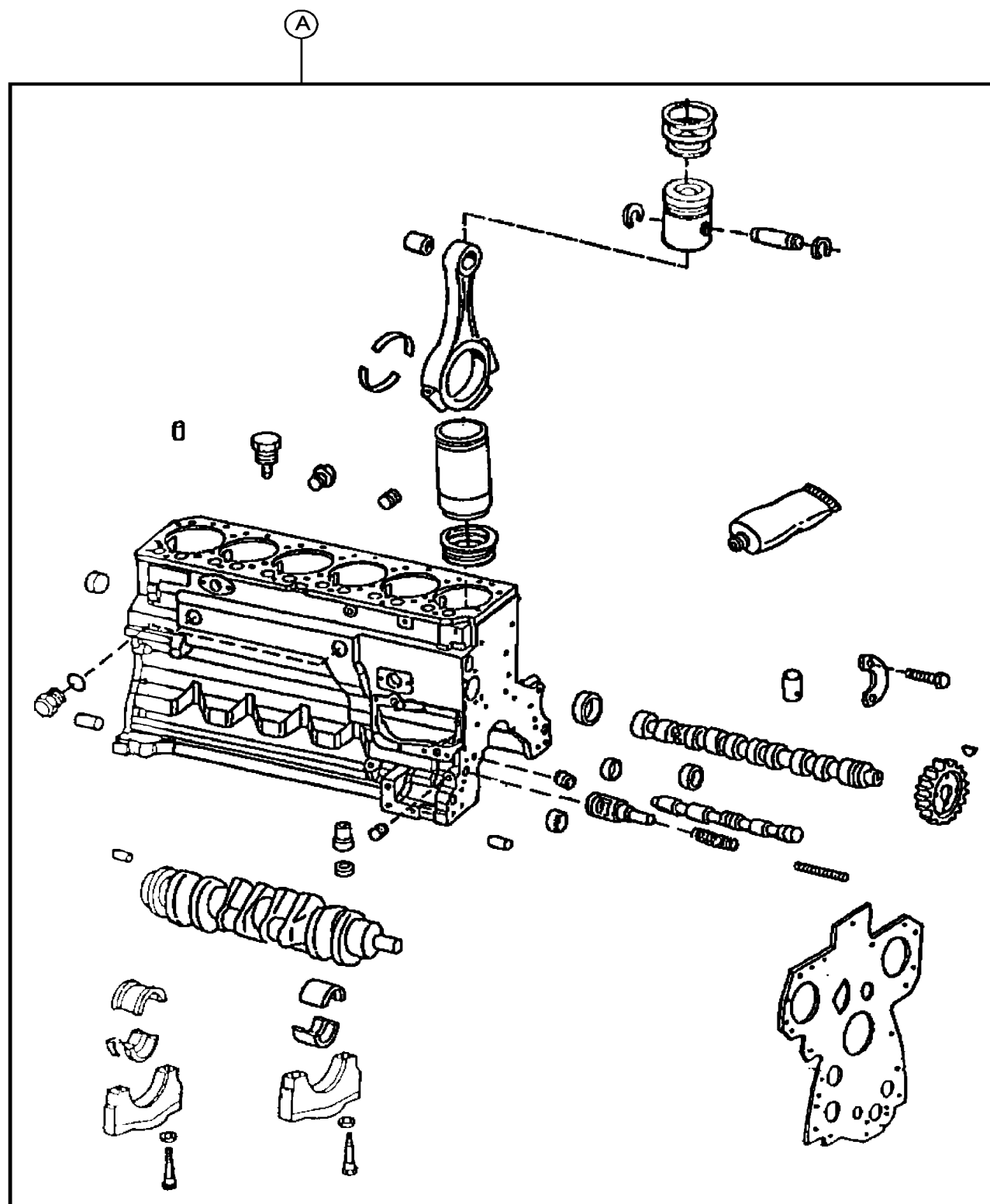
SHORT BLOCK GASKET SET



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899981	GASKET SET, SHORT BLOCK		
B	85474666	GASKET SET, ENGINE HEAD		
C	85471738	GASKET, VALVE COVER		
D	36111458	GASKET, EXHAUST MANIFOLD		
E	85472496	GASKET, THERMOSTAT COVER		
F	96106060	GASKET, WATER BYPASS TUBE		
G		NOT USED ON THIS ENGINE		
H	36106748	GASKET, TURBO OIL OUTLET		
J	36106771	GASKET, VALVE COVER STUD O-RING		
K	85471340	GASKET, CYLINDER HEAD		
L		NOT USED ON THIS ENGINE		
M	36125284	GASKET, AIR INLET		
N	36106755	GASKET, TURBO EXHAUST		
P	24899155	GASKET, OIL PAN		
Q		NOT USED ON THIS ENGINE		
R	36111938	GASKET, OIL PUMP OUTLET O-RING		
S	36109932	GASKET, OIL PUMP INTAKE O-RING		

SHORT BLOCK ASSEMBLY

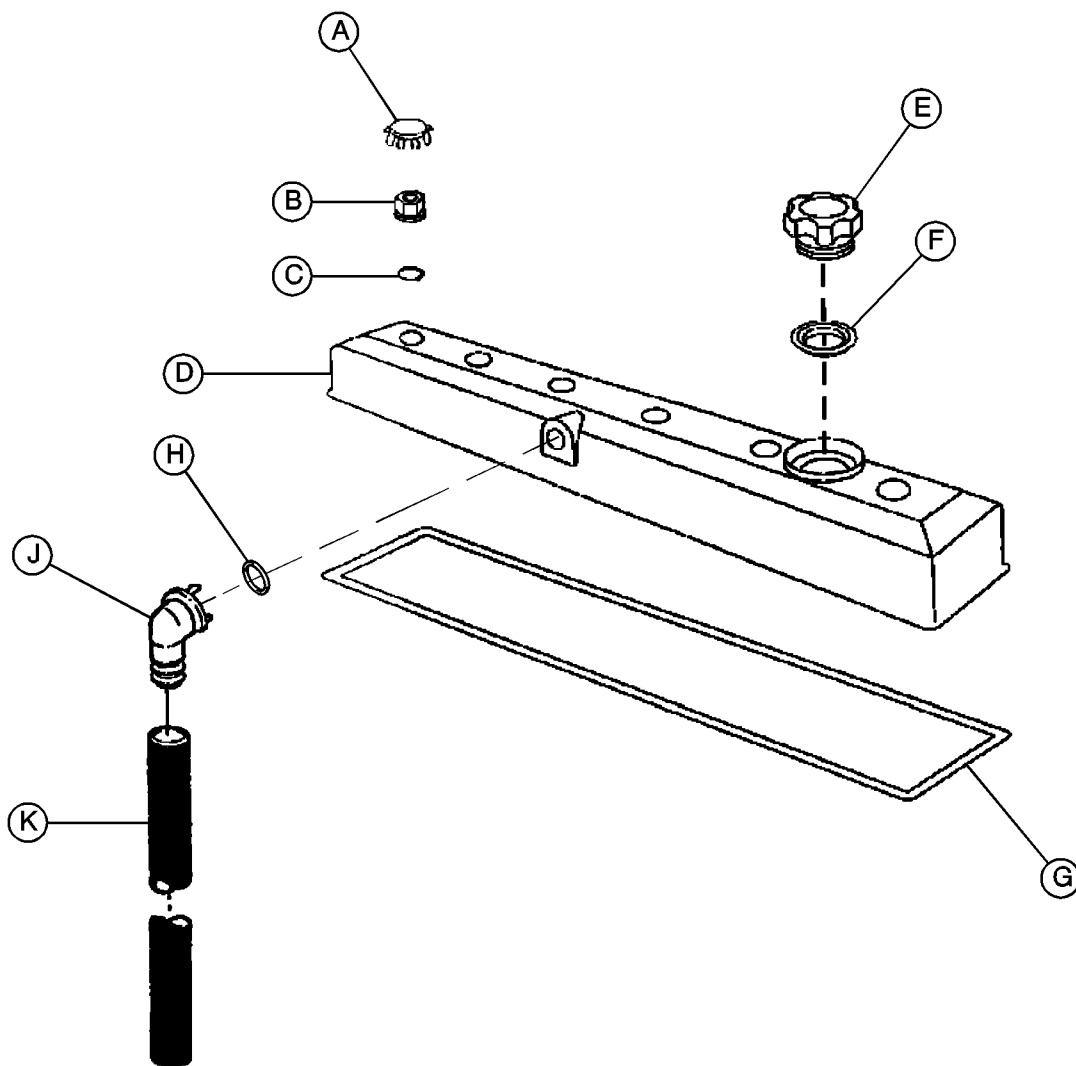


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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899809	SHORT BLOCK ASM.		

ROCKER ARM COVER

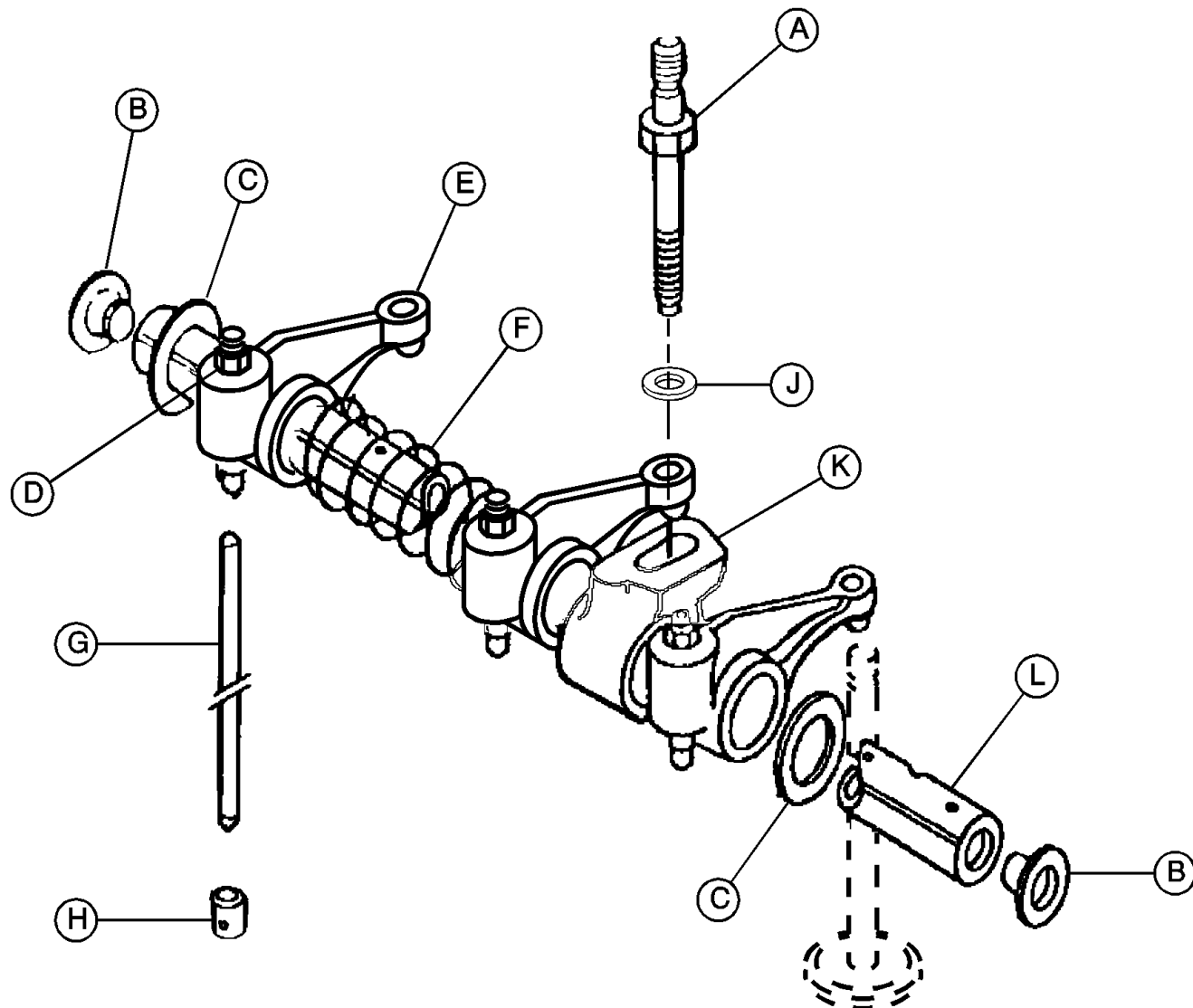
ROCKER ARM COVER



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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36102929	PLUG, HOLE	6	
B	36106763	NUT	6	
C	36106771	GASKET, VALVE COVER STUD O-RING	6	
D	85473627	COVER, ROCKER ARM	1	
E	36125250	CAP, OIL FILLER	1	
F	85472504	GASKET, OIL FILLER CAP	1	
G	85471738	GASKET, VALVE COVER	1	
H	36110385	GASKET, O-RING 18.72 X 2.616	1	
J	36105062	FITTING, ELBOW	1	
K	24899171	HOSE, RUBBER BREATHER	1	

ROCKER ARM ASSEMBLY

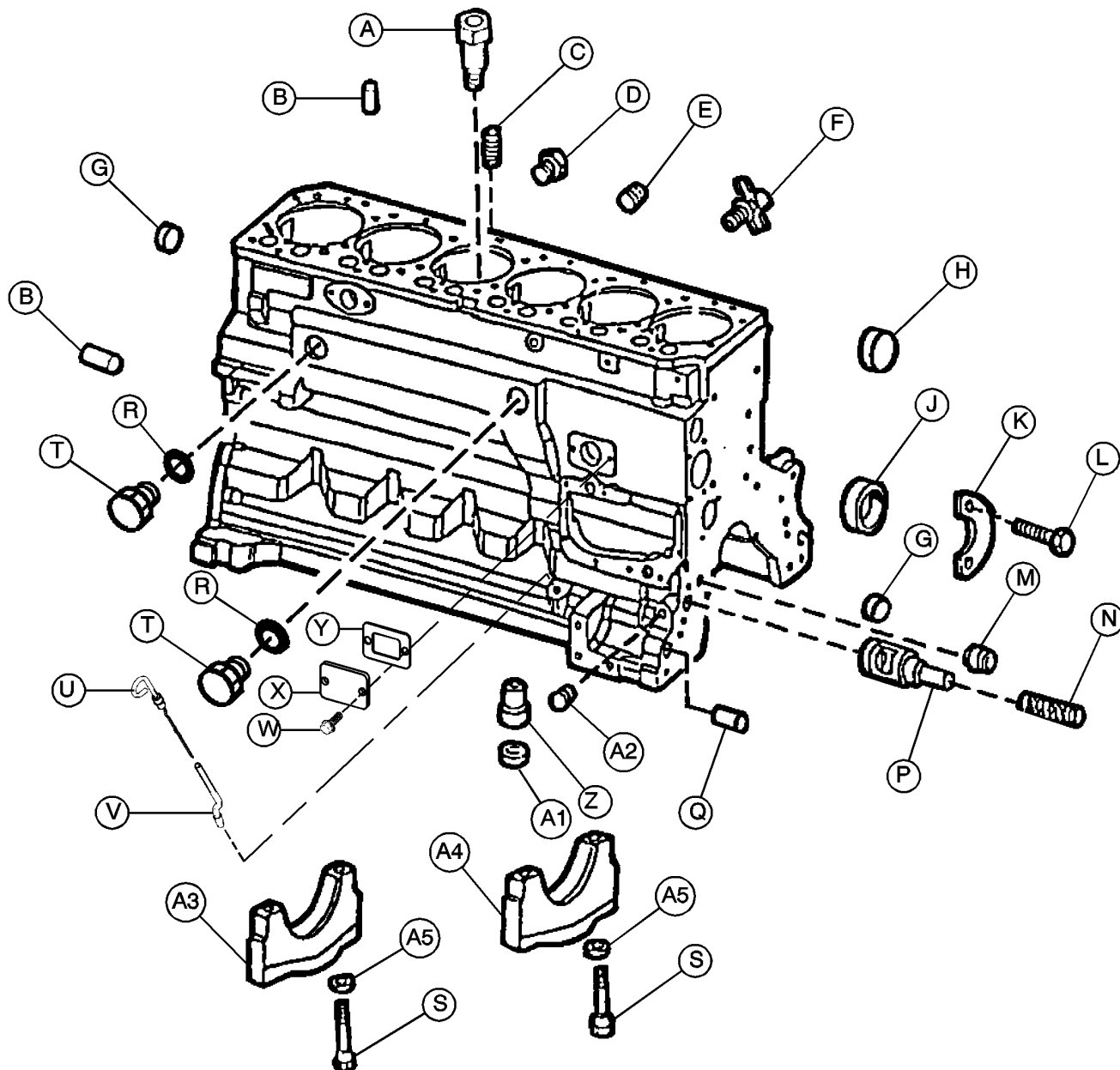


22557896_013_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36106094	STUD	6	
B	36109502	PLUG, ROCKER ARM SHAFT	2	
C	36119246	WASHER, ROCKER ARM SHAFT	2	
D	85470060	NUT, HEX M10-1.50	12	
E	36118305	ARM, ROCKER w/ NUT	12	
F	36119220	SPRING, ROCKER ARM	5	
G	36106810	ROD, PUSH	12	
H	36106706	FOLLOWER, CAM	12	
J	36109049	WASHER	6	
K	36105963	SUPPORT, ROCKER ARM	6	
L	85471712	SHAFT, ROCKER ARM	1	

CYLINDER BLOCK ASSEMBLY

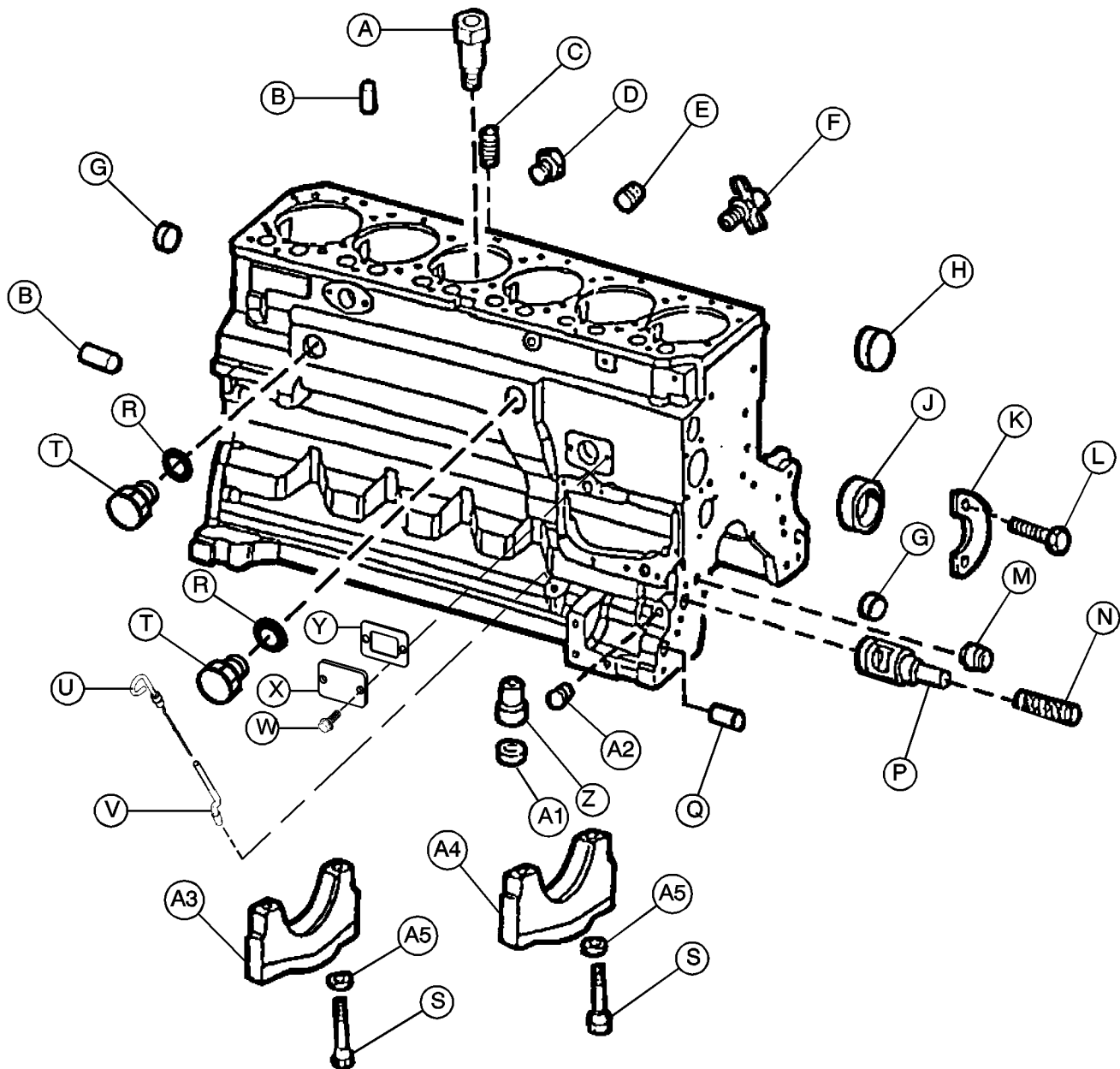
CYLINDER BLOCK ASSEMBLY



22557896_014_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36107928	ORIFICE	6	
B	36109205	PIN, DOWEL 1/2" X 1.12"	2	
C	36100220	PLUG, PIPE 1/2 NPT	1	
D	36109593	PLUG, PIPE 1/4 NPT	1	
E	36103604	PLUG, PIPE	7	
F	36102176	VALVE, DRAIN	1	
G	36118875	CAP	2	
H	36104701	PLUG	1	
J	36104990	BUSHING	1	
K	36108223	PLATE, RETAINER	1	

CYLINDER BLOCK ASSEMBLY



22557896_014_11/04_A

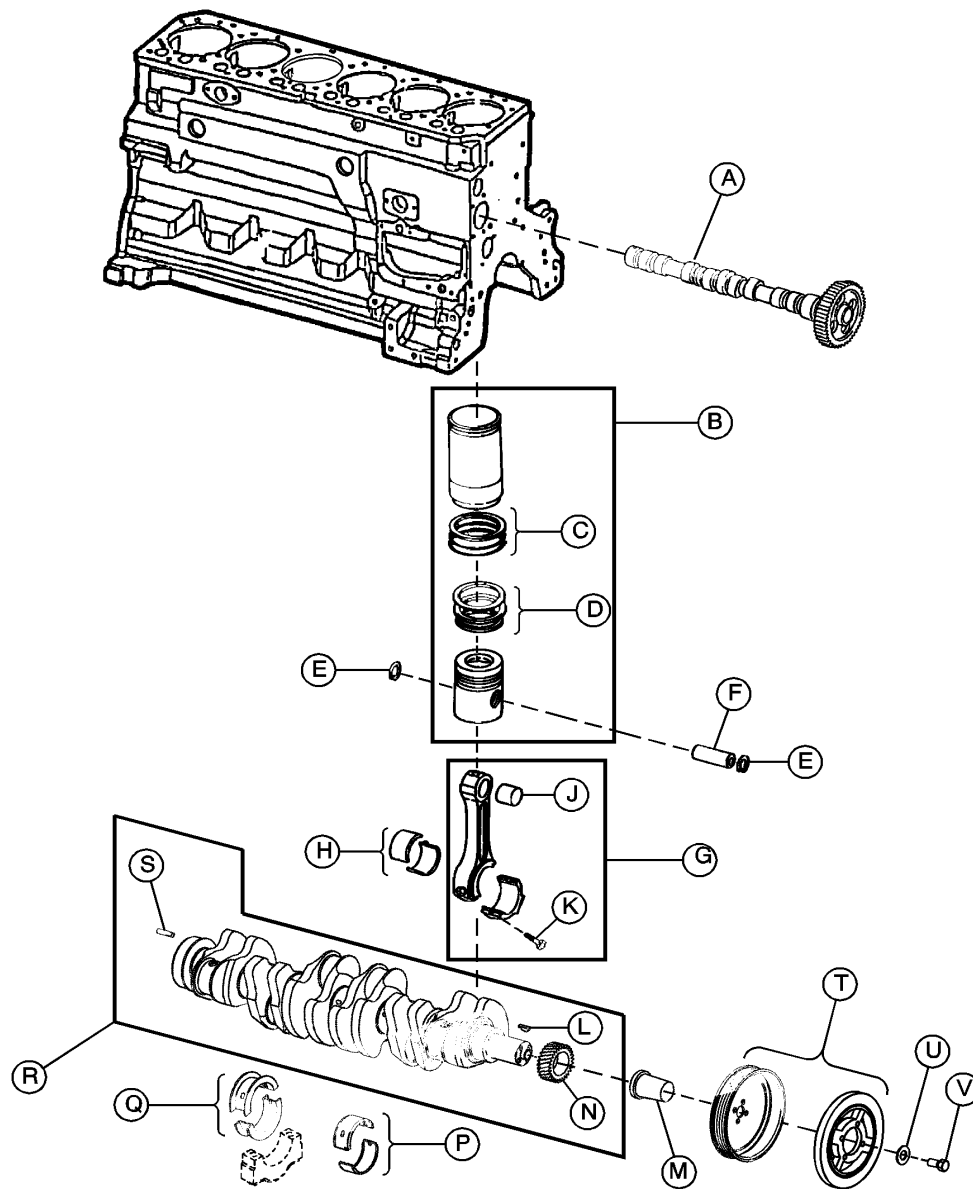
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	85470417	SCREW, M08-1.25 X 25	2	
M	85472199	BUSHING	1	
N	36103992	SPRING, HYDRAULIC VALVE	1	
P	36105260	VALVE, HYDRAULIC FLOW CONTROL	1	
Q	36108728	PIN, DOWEL	2	
R	36120178	O-RING	2	
S	36119386	SCREW, CAP	14	
T	36106722	PLUG, DRAIN	2	
U	36124899	DIPSTICK	1	
V	36107787	TUBE, DIPSTICK	1	

This diagram illustrates the exploded view of a 4-cylinder engine block. The components are labeled as follows:

- A**: Piston pin
- B**: Piston pin clip
- C**: Piston pin clip
- D**: Piston pin clip
- E**: Piston pin clip
- F**: Piston pin clip
- G**: Piston pin clip
- H**: Piston pin clip
- J**: Piston pin clip
- K**: Piston pin clip
- L**: Piston pin clip
- M**: Piston pin clip
- N**: Piston pin clip
- O**: Piston pin clip
- P**: Piston pin clip
- Q**: Piston pin clip
- R**: Piston pin clip
- S**: Piston pin clip
- T**: Piston pin clip
- U**: Piston pin clip
- V**: Piston pin clip
- W**: Piston pin clip
- X**: Piston pin clip
- Y**: Piston pin clip
- Z**: Piston pin clip
- A1**: Piston pin clip
- A2**: Piston pin clip
- A3**: Piston pin clip
- A4**: Piston pin clip
- A5**: Piston pin clip

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
W	36118149	SCREW, M08-1.25 X 20	4	
X	36104602	COVER, OIL FILLER PORT	2	
Y	36108595	GASKET, OIL FILLER PORT	2	
Z	36104446	CONNECTOR BODY, RECEPTACLE	1	
A1	36110518	O-RING	1	
A2	85470094	PLUG, PIPE 3/8 NPT	1	
A3	36108108	CAP, MAIN BEARING	1	
A4	36104263	CAP, THRUST BEARING	6	
A5	36119089	WASHER	14	

CRANKSHAFT & CAMSHAFT ASM.

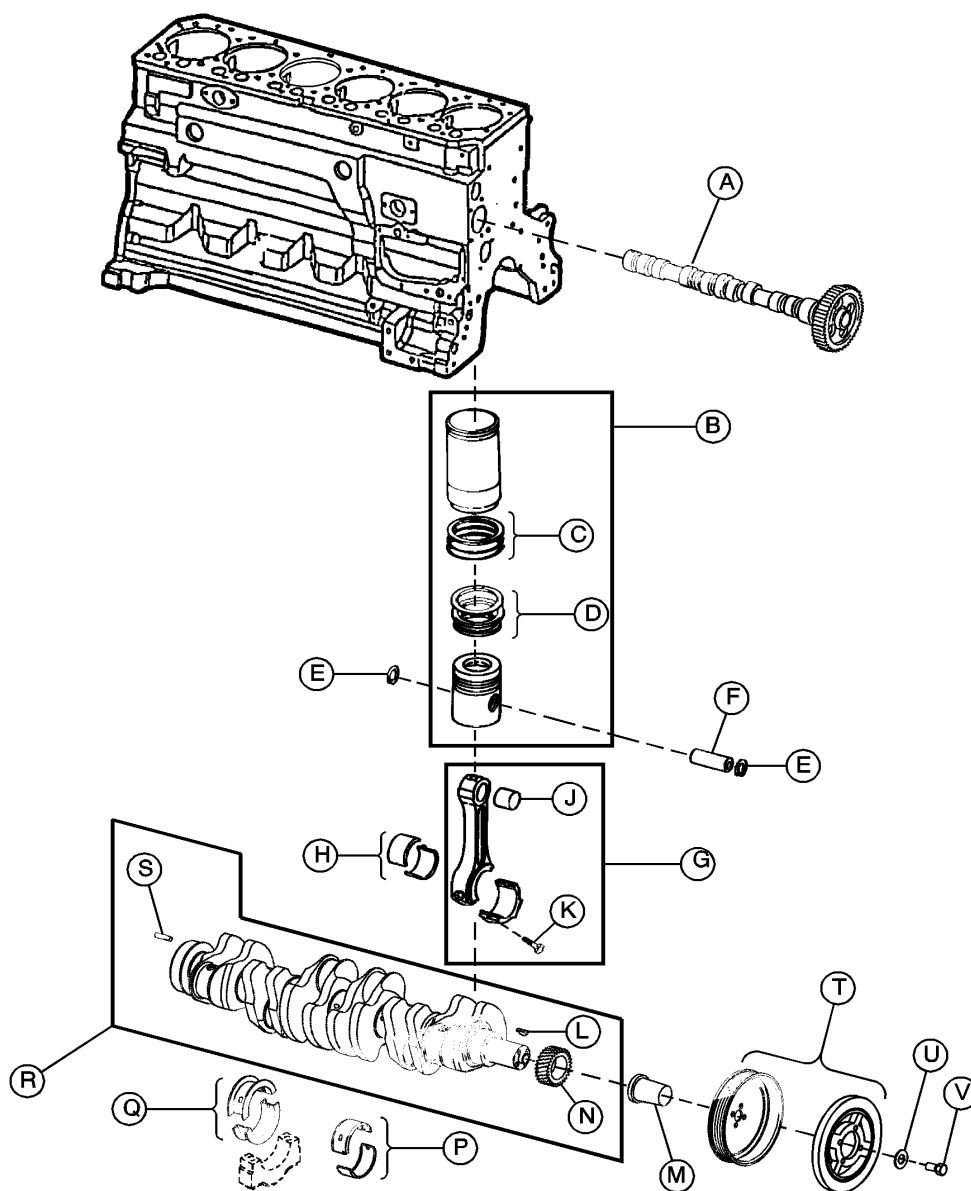


22557896_015_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899643	CAMSHAFT ASM.	1	
B	24899718	KIT, PISTON & LINER	6	
C	36101715	KIT, PISTON LINER O-RING	6	
D	24899726	KIT, PISTON RING	6	
E	36103141	RING, SNAP	12	
F	36105997	PIN, PISTORN	6	
G	85473411	KIT, CONNECTING ROD	6	
H	36117711	BEARING, PISTON ROD	6	STANDARD .010 UNDERSIZED
	36117729	BEARING, PISTON ROD	AR	
J	85471175	BUSHING, CONNECTING ROD	6	
K	85472348	SCREW, COINNECTING ROD CAP	12	
L	36108355	KEY, SHAFT	1	

CRANKSHAFT & CAMSHAFT ASM.

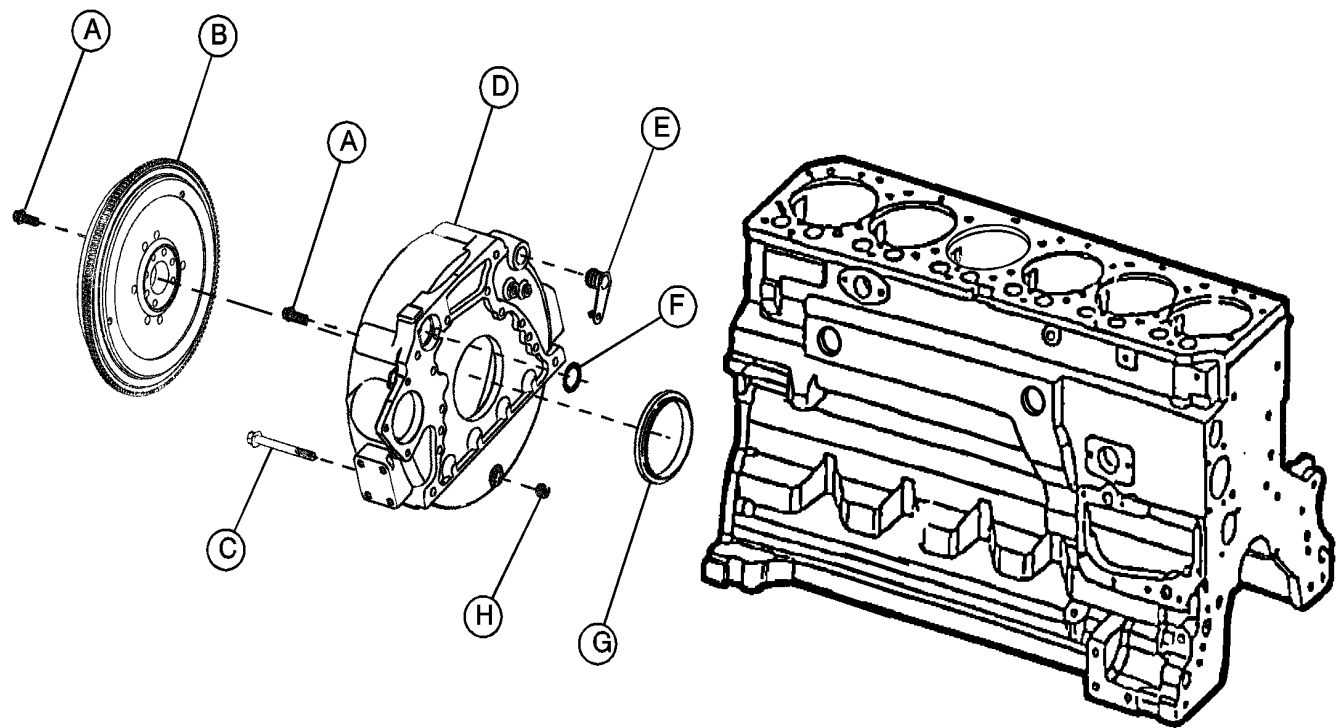
CRANKSHAFT & CAMSHAFT ASM.



22557896_015_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36116044	SLSEEVE, WEAR	1	
N	36105112	GEAR, CRANKSHAFT TIMING	1	
P	36117562	BEARING, LOWER	6	STANDARD
	36117737	BEARING, LOWER	AR	.245mm UNDERSIZE
Q	36117570	BEARING, REAR	1	STANDARD
	36117545	BEARING, REAR	AR	.245mm UNDERSIZE
R	24899593	CRANKSHAFT	1	
S	36109205	PIN, DOWEL 1/2" X 1.12"	1	
T	24899742	PULLEY, CRANKSHAFT w/ DAMPER	1	
U	24899361	BUSHING, CRANKSHAFT PULLEY	1	
V	24898892	SCREW, HEX 3/8-16	1	

FLYWHEEL

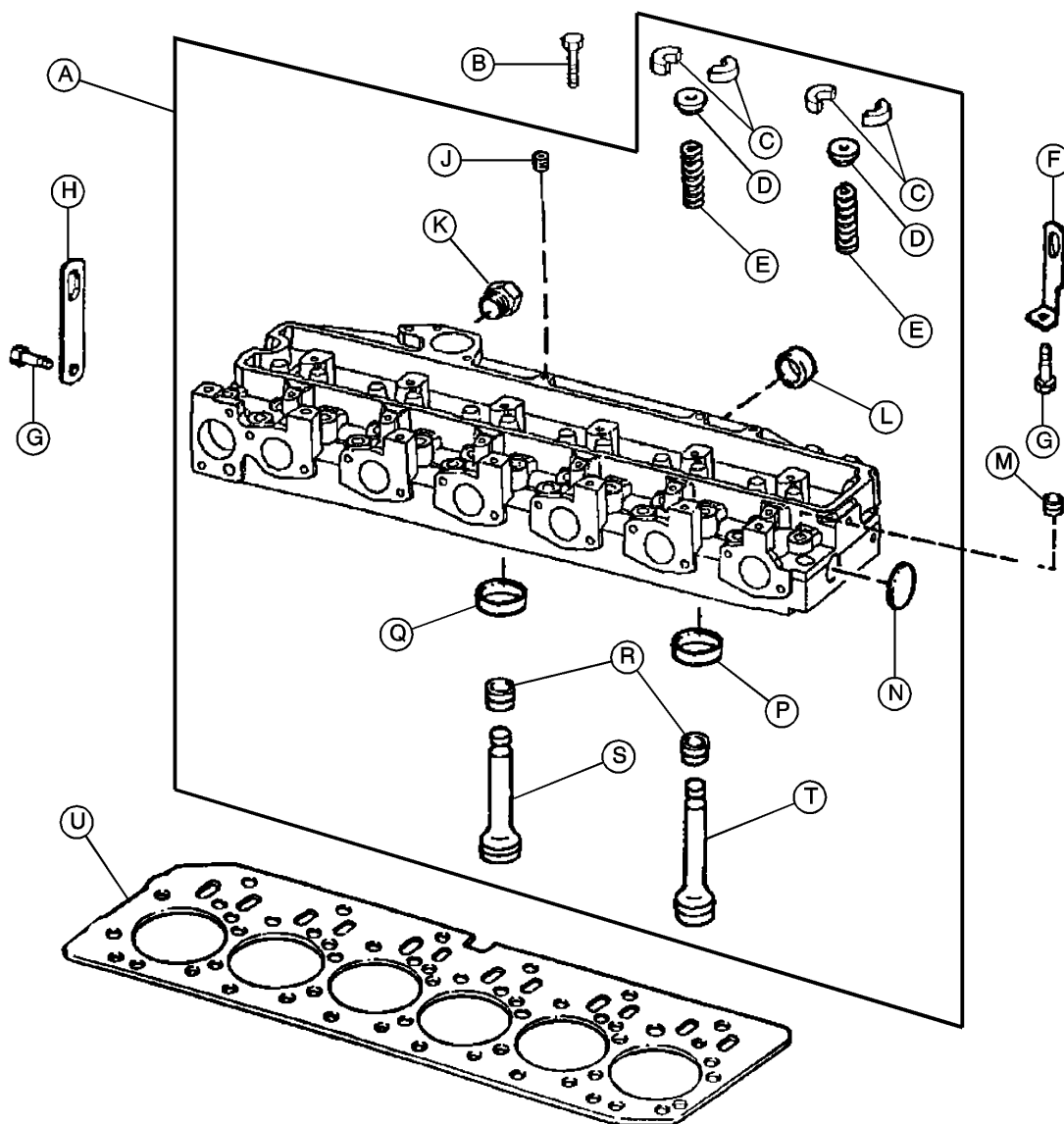


22557896_016_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36108579	SCREW, SPECIAL FLANGE M12-1.75	14	
B	85473395	FLYWHEEL & RING GEAR	1	
C	85470003	SCREW, HEX FLANGE M12-1.75 X 50	4	
D	24899346	HOUSING, FLYWHEEL	1	
E	36108009	PLUG	1	
F	24899478	O-RING, 69.52 X2.616 mm	1	
G	36114015	SEAL, REAR OIL	1	
H	36100220	PLUG, PIPE 1/2" NPT	1	

CYLINDER HEAD ASSEMBLY

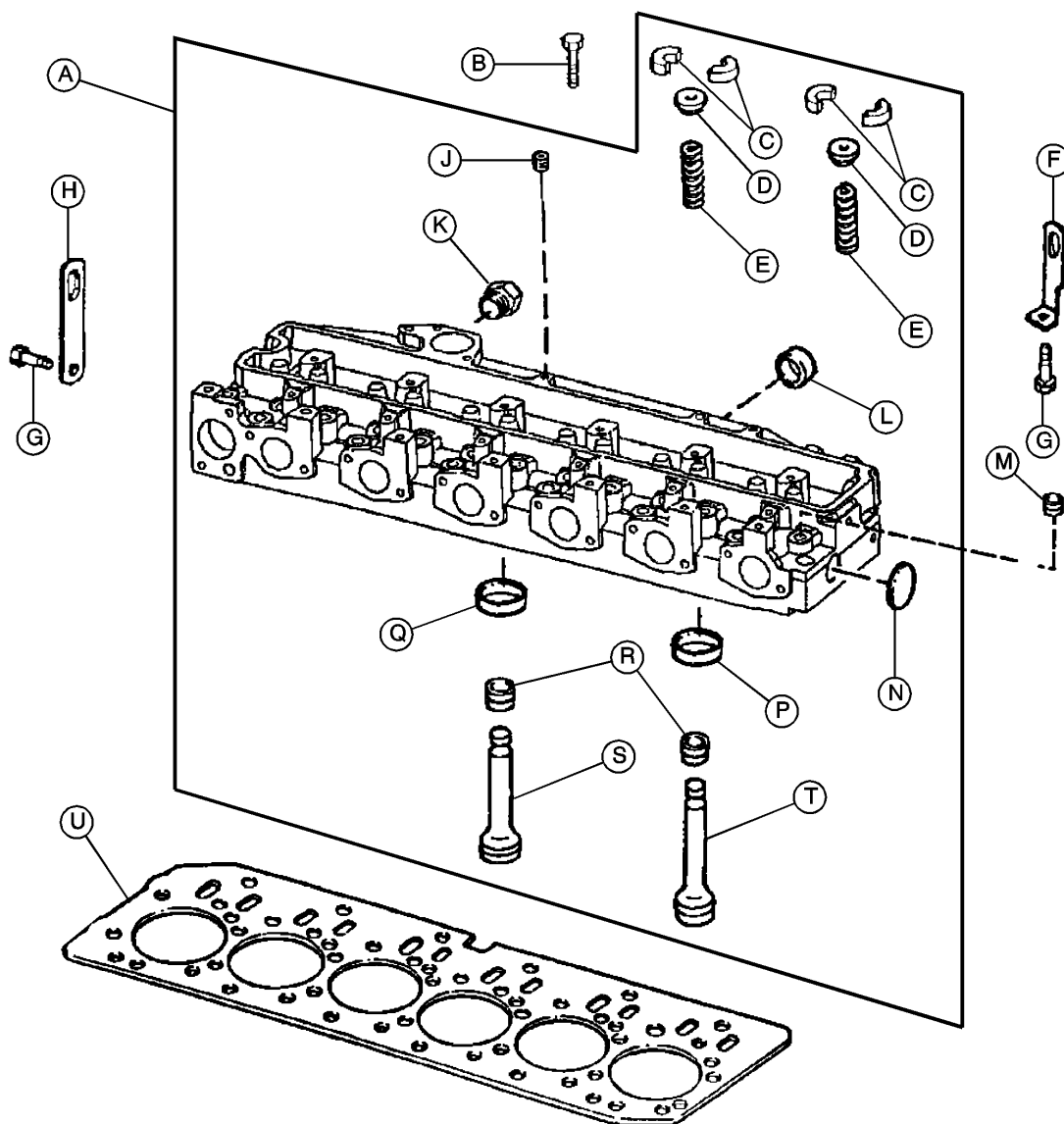
CYLINDER HEAD ASSEMBLY



22557896_017_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85474153	HEAD ASM., CYLINDER	1	NON SERVICE ITEM
B	36111185	SCREW, HEX CAP	26	
C	36111631	RETAINER, SPLIT VAVLE	24	
D	36116135	ROTATOR, VALVE SPRING	12	
E	36108645	SPRING, VALVE	12	
F	24899296	STRAP, REAR ENGINE LIFT	1	
G	36100881	SCREW, M12-1.75 X 25	2	
H		STRAP, FRONT ENGINE LIFT		
J	36103604	PLUG, PIPE	1	
K	36119766	FITTIING	1	
L	36109056	CAP	3	
M	36100220	PLUG, 1/2" NPT PIPE	1	
N	36102606	CAP	1	

CYLINDER HEAD ASSEMBLY

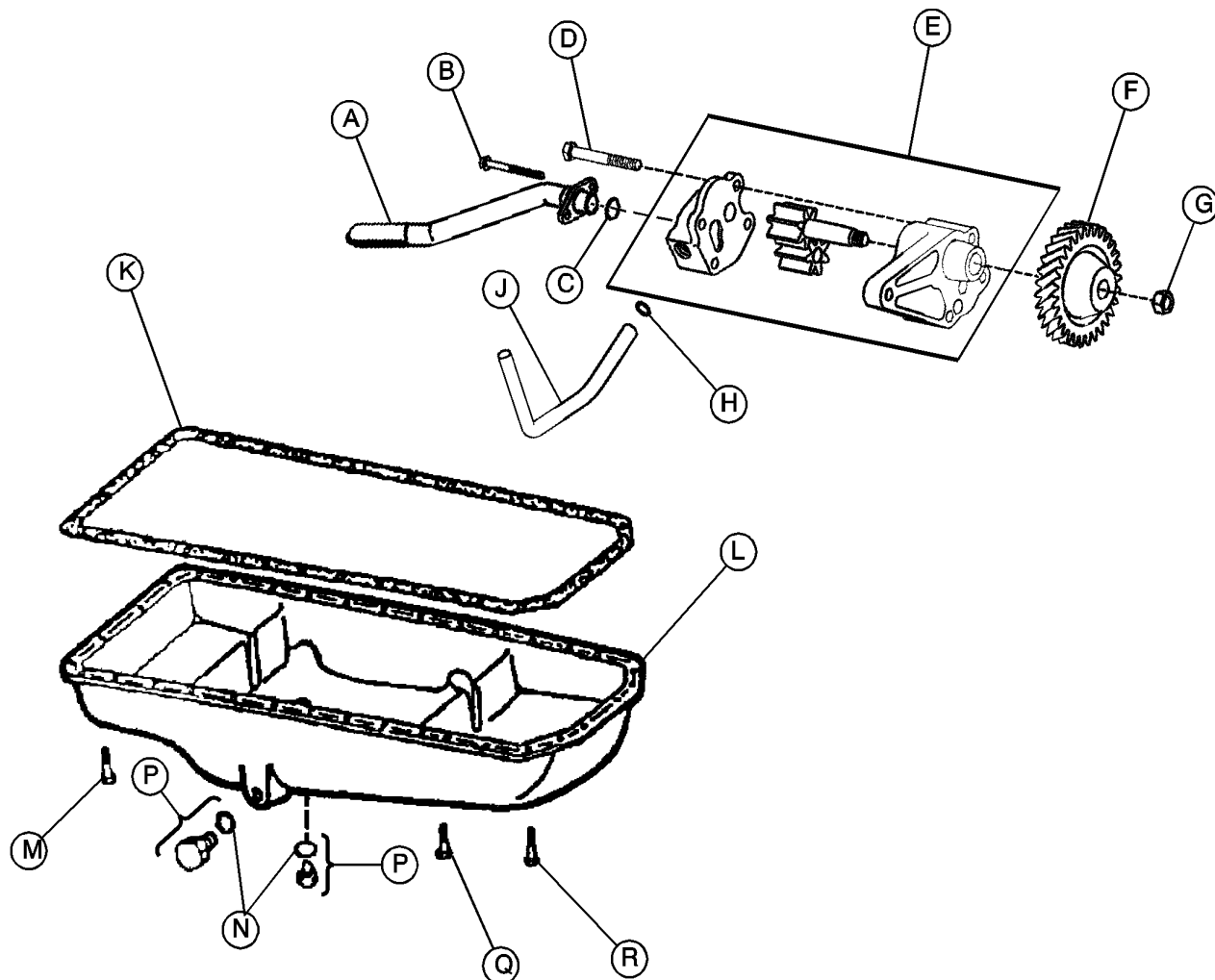


22557896_017_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36111201	INSERT, EXHAUST VAVLE	6	STANDARD
	36111789	INSERT, EXHAUST VAVLE	AR	OVERSIZED
Q	36112126	INSERT, INTAKE VAVLE	6	STANDARD
	36112159	INSERT, INTAKE VAVLE	AR	OVERSIZED
R	36113140	SEAL, VALVE	12	
S	36111466	VALVE, INTAKE	6	STANDARD
	36112050	VALVE, INTAKE	AR	.015 OVERSIZED
	36112068	VALVE, INTAKE	AR	.030 OVERSIZED
T	36112118	VALVE, EXHAUST	6	STANDARD
	36112043	VALVE, EXHAUST	AR	.015 OVERSIZED
	36112035	VALVE, EXHAUST	AR	.030 OVERSIZED
U	85471340	GASKET, HEAD	1	

OIL PAN ASM. & SUMP TUBE

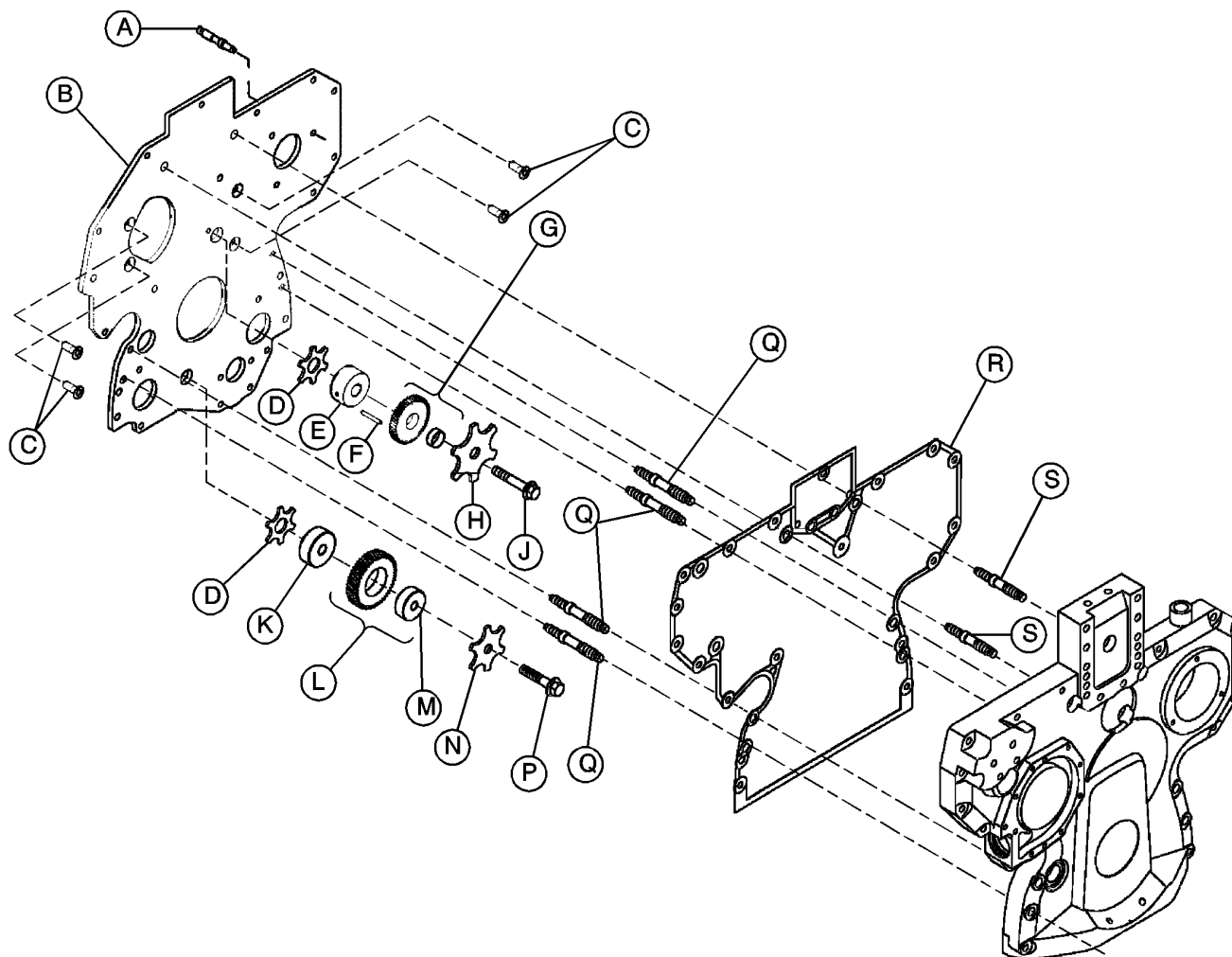
OIL PAN ASM. & SUMP TUBE



22557896_018_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85474781	TUBE, OIL PUMP INTAKE	1	
B	85470508	SCREW, 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 PUMMP OUTLEET	1	
H	36111938	NUT, HEX M12-1.75	1	
J	36105377	TUBE, OIL PUMP OUTLET	1	
K	24899155	GASKET, OIL PAN	1	
L	24899197	PAN, OIL	1	
M	24898868	SCREW, M08-1.25 X 45	4	
N	85470623	O-RING, 15.3 X 2.20 mm	2	
P	36114080	PLUG, OIL DRAIN w/ GASKET	2	
Q	85470417	SCREW, M08-1.25 X 25	26	
R	85471761	SCREW, M08-1.25 X 30	6	

 CRANKSHAFT IDLE GEARS

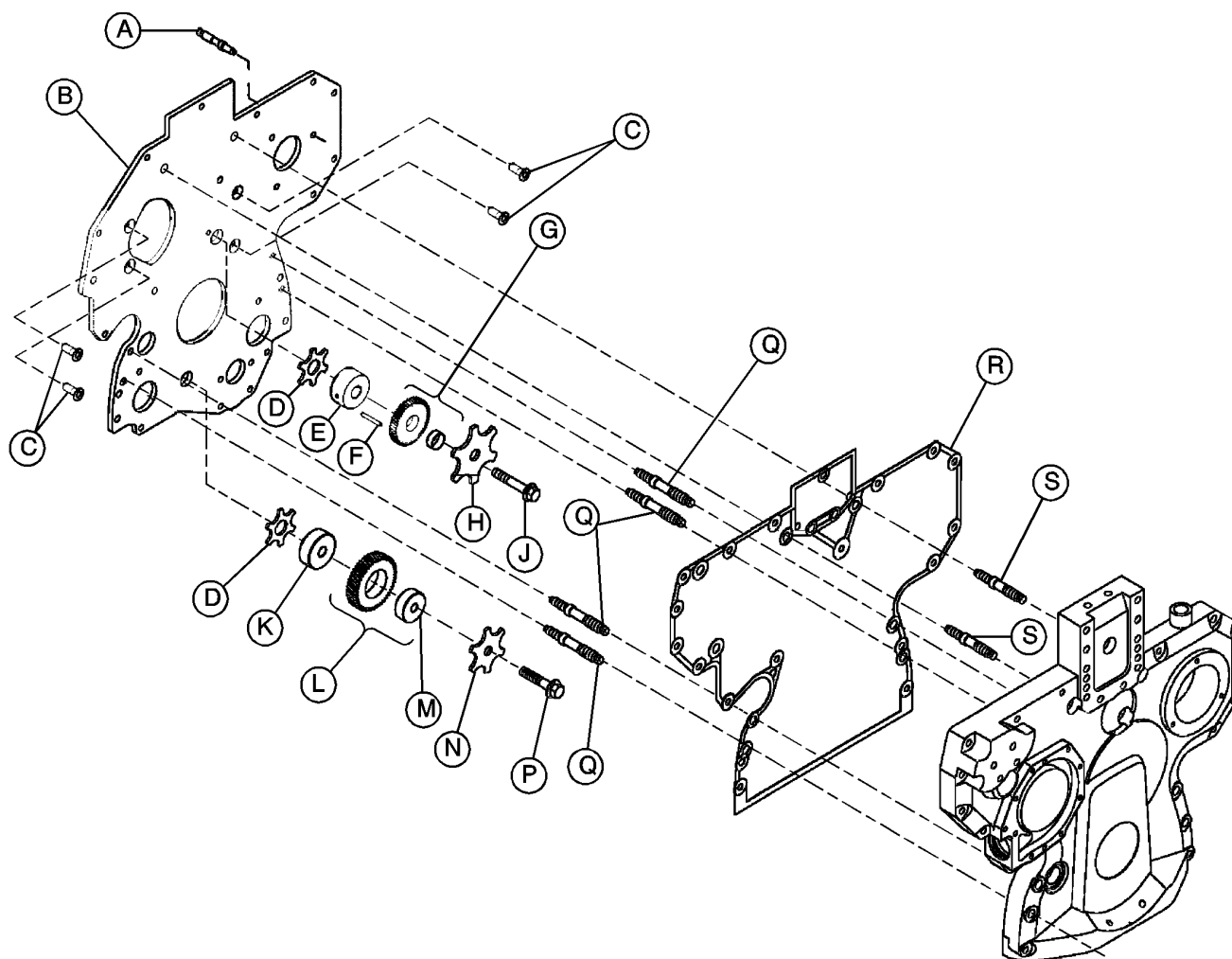


22557896_019_11/04_A

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 UPPER IDLE GEAR THRUST	1	
J	24898991	SCREW, HEX FLANGE M08-1.25 X 12	1	

CRANKSHAFT IDLE GEARS

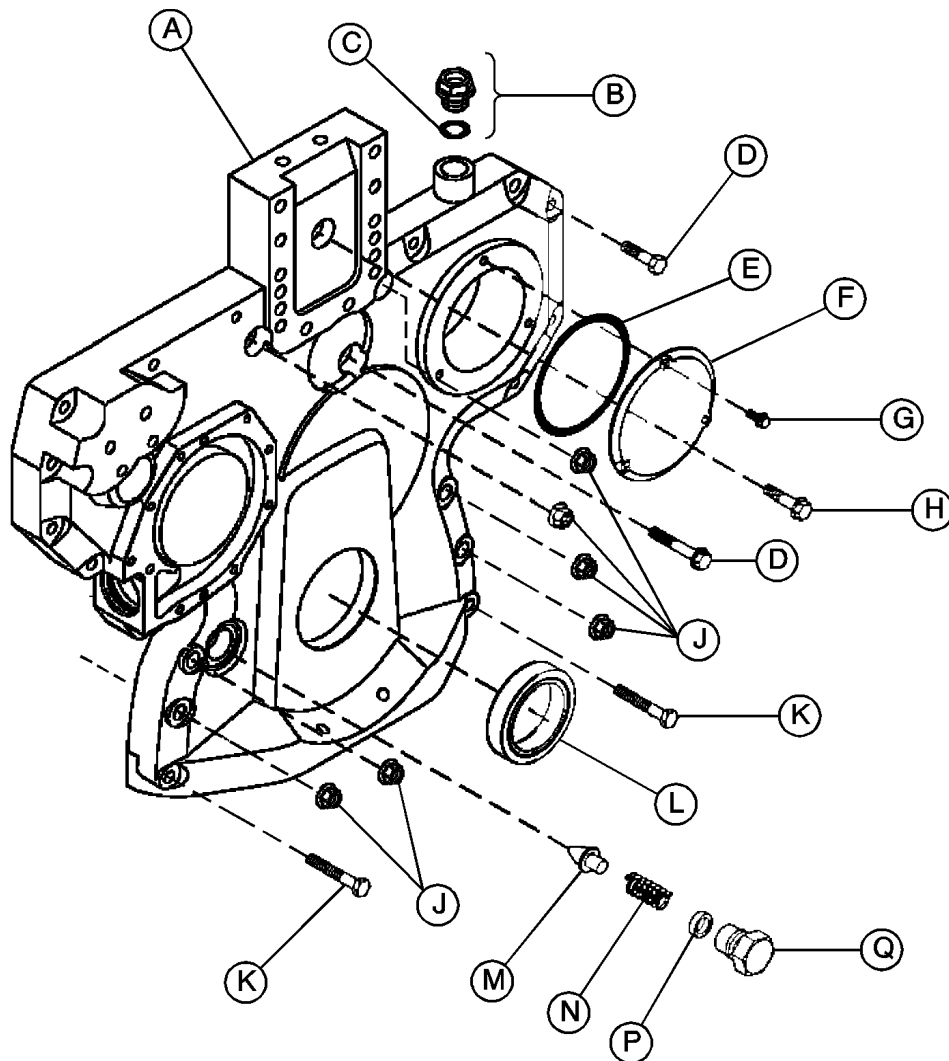
CRANKSHAFT IDLE GEARS



22557896_019_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	36104248	SHAFT, LOWER IDLE GEAR	1	
L	36115095	GEAR, LOWER IDLER	1	
M	36104230	BUSHING, LOWER IDLER GEAR	1	
N	36107951	WASHER, OUT LOWER IDLER GEAR	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

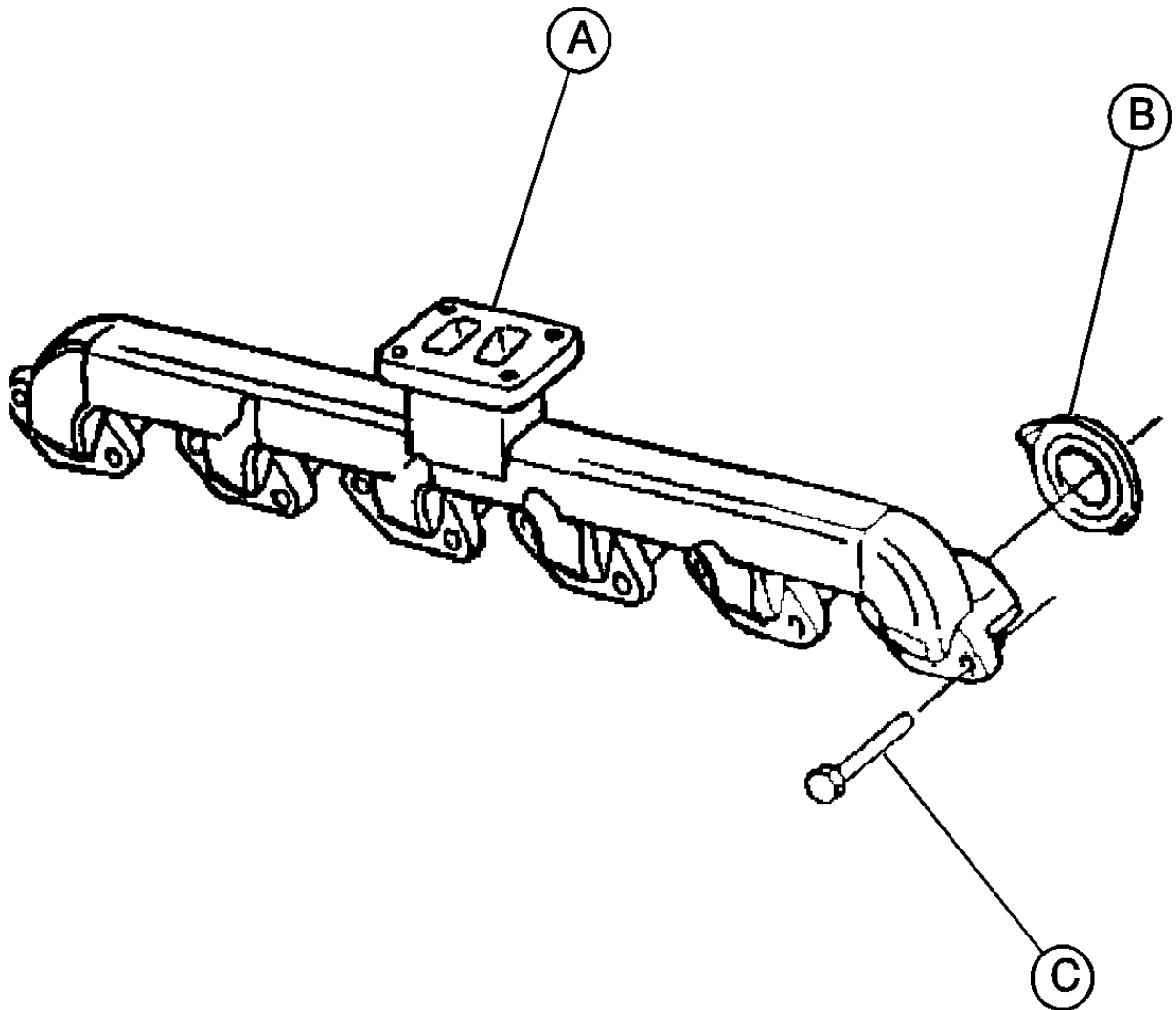


22557896_020_11/04_A

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	36118156	SCREW, HEX HD M08-1.25 X 45	3	
E	36105450	O-RING	1	
F	36108419	COVER, INJECTION PUMP	1	
G	85470342	SCREW, M06-1.0 X 16	3	
H	85471084	SCREW, M08-1.25 X 35	1	
J	36100188	NUT, HEX FLANGE M10-1.5	6	
K	85471126	SCREW, M08-1.25 X 55	2	
J	36116036	SEAL, FRONT OIL	1	
M	36110999	VALVE, OIL BY-PASS	1	
N	36119568	SPRING, OIL BY-PASS VALVE	1	
P	36120327	WASHER, FLAT 1 X 1.25 X .06	1	
Q	36119550	FITTING, PLUG	1	

EXHAUST MANIFOLD

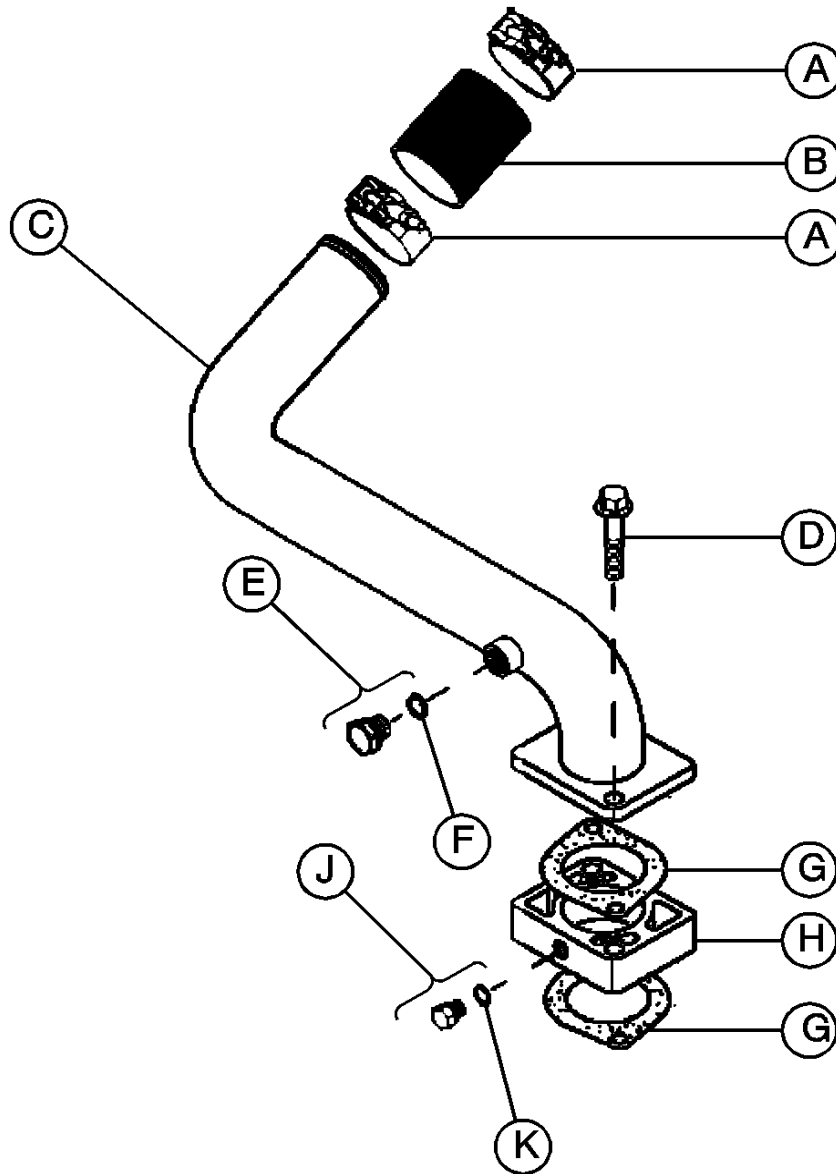
EXHAUST MANIFOLD



22557896_021_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85471944	MANIFOLD, EXHAUST	1	
B	36111458	GASKET, EXHAUST	1	
C	85470292	SCREW, HEX FALNGE M10-1.5 X 80	12	

 AIR INTAKE w/ HEATER

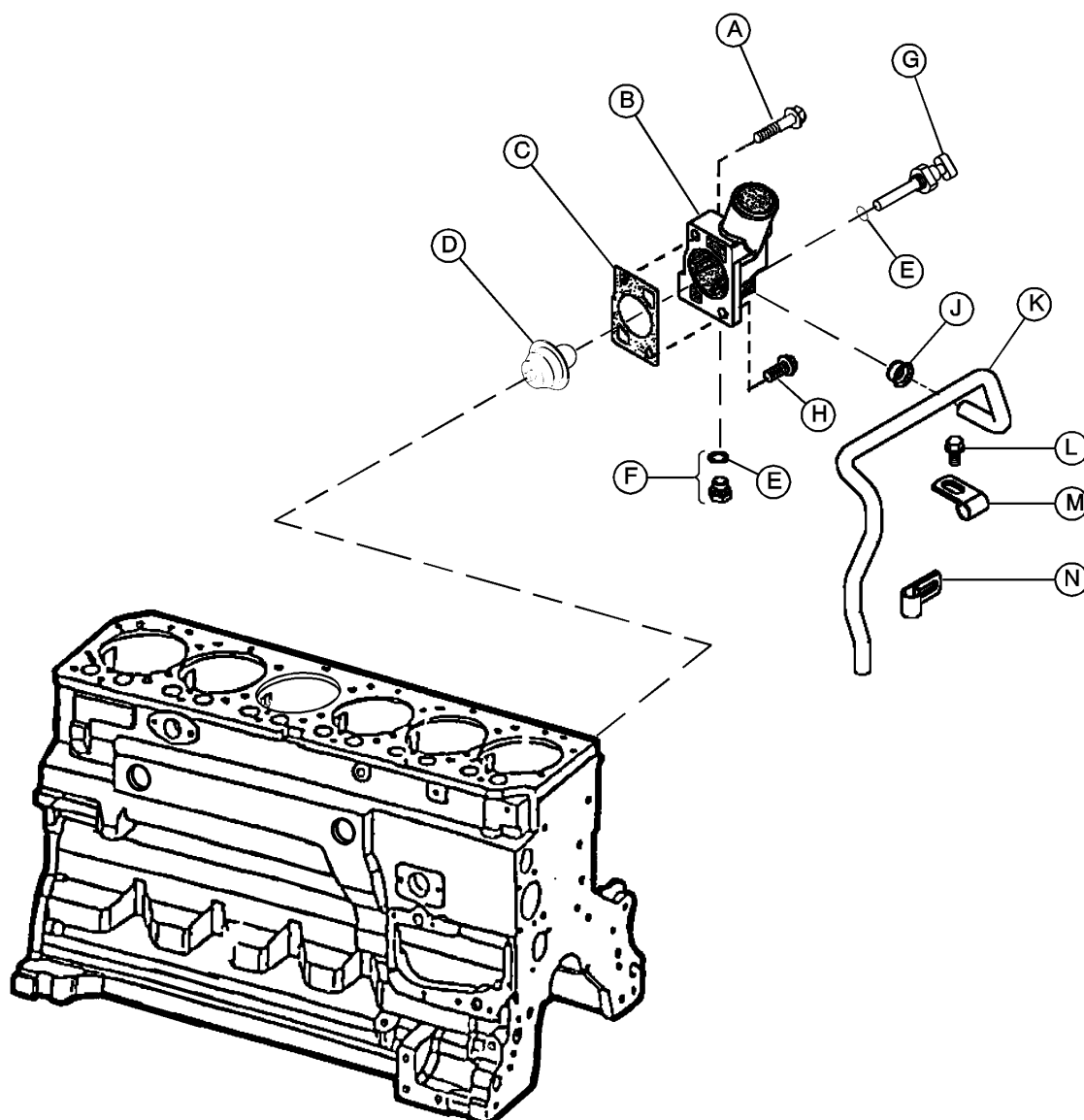


22557896_022_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36103976	CLAMP, HOSE	2	
B	36109692	HOSE	1	
C	24899908	TUBE, AIR INTAKE	1	
D	85470474	SCREW, HEX FLANGE M10-1.5 X 50	2	
E	36114072	PLUG w/ O-RING	1	
F	85470607	O-RING, 11.30 X 2.20 mm	1	
G	36125284	GASKET, AIR INTAKE	2	
H	85473999	HEATER, 24V AIR INTAKE	1	
J	36116341	PLUG w/ O-RING	1	
K	24899106	O-RING, 8.10 X 1.60 mm	1	

THERMOSTAT HOUSING

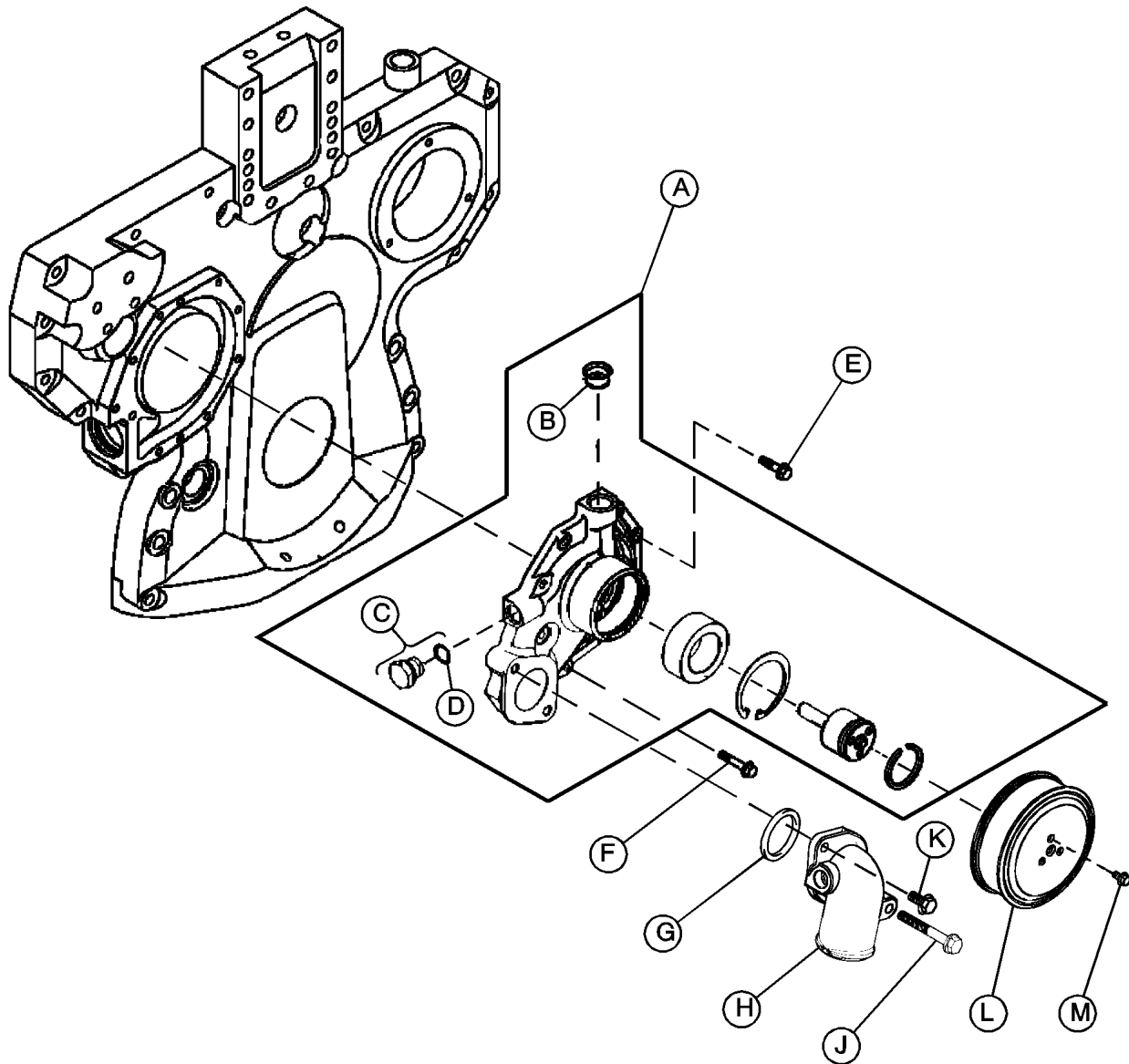
THERMOSTAT HOUSING



22557896_022_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85470474	SCREW, HEX FLANGE M10-1.5 X 50	1	
B	36017910	HOUSING, THERMOSTAT	1	
C	85472496	GASKET, THERMOSTAT HOUSING	1	
D	22276489	ELEMENT, THERMOSTAT	1	
E	85470607	O-RING, 11.30 X 2.20 mm	2	
F	36114072	PLUG w/ O-RING	1	
G	22222590	SENSOR, COOLANT TEMPERATURE	1	
H	24898843	SCREW, HEX FLANGE M10-1.5 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

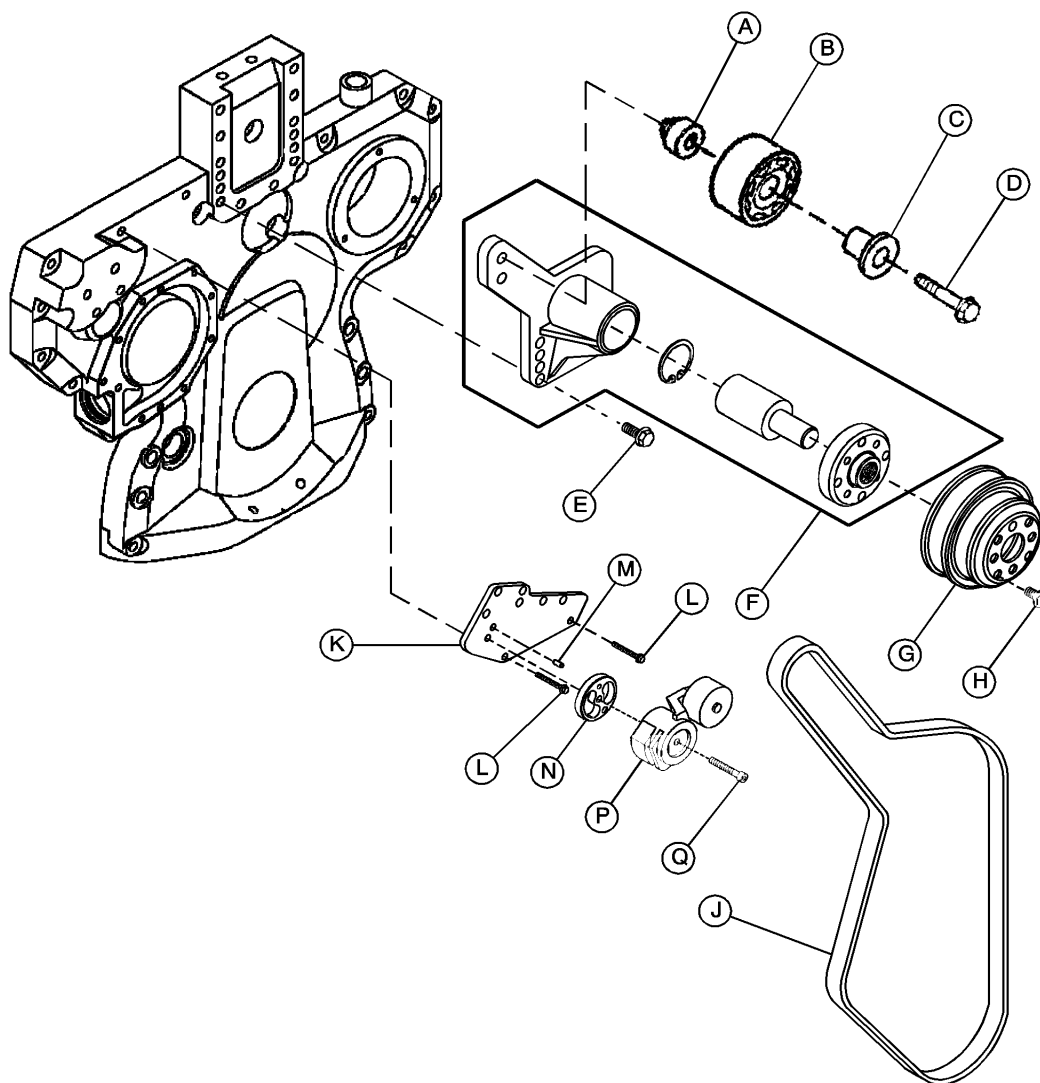


22557896_024_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22223903	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	85471183	SCREW, M06-1.0 X 30	3	
F	85471167	SCREW, M06-1.0 X 25	5	
G	36111425	O-RING, 50.4 X 3.5	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 & IDLER PULLEYS

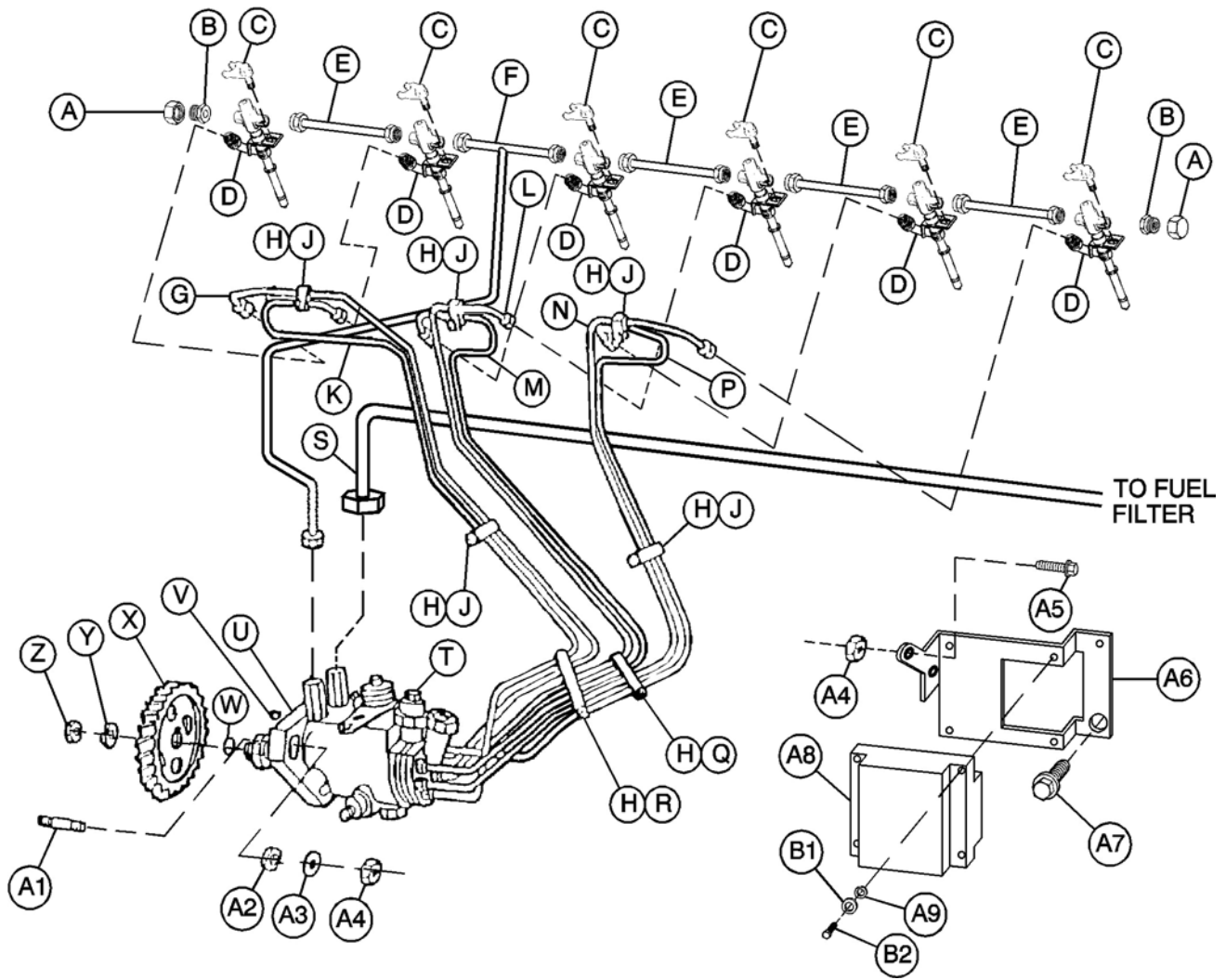
FAN DRIVE & IDLER PULLEYS



22557896_025_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85472280	SPACER, IDLER PULLEY	1	
B	85473833	PULLEY, IDLER	1	
C	85472454	SLEEVE, IDLER PULLEY	1	
D	24898876	SCREW, HEX FLANGE M10-1.5 X 65	1	
E	24898900	SCREW, HEX FLANGE M10-1.5 X 35	4	
F	36126258	HOUSING ASM., FAN DRIVE	1	
G	36107498	PULLEY, FAN	1	
H	85470359	SCREW, HEX FLANGE M10-1.5 X 65	4	
J	22232086	BELT, 6IRF8TE FAN	1	
K	36108082	SUPPORT, IDLE TENSIONER	1	
L	85471134	SCREW, HEX FLANGE M08-1.25 X 60	2	
M	24899056	PIN, SPRING	1	
N	24899262	SPACER, BELT TENSIONER	1	
P	36118487	PULLEY, BELT TENSIONER	1	
Q	24898942	SCREW, HEX SOC CAP M10-1.5 X 70	1	

INJECTION PUMP and FUEL LINES

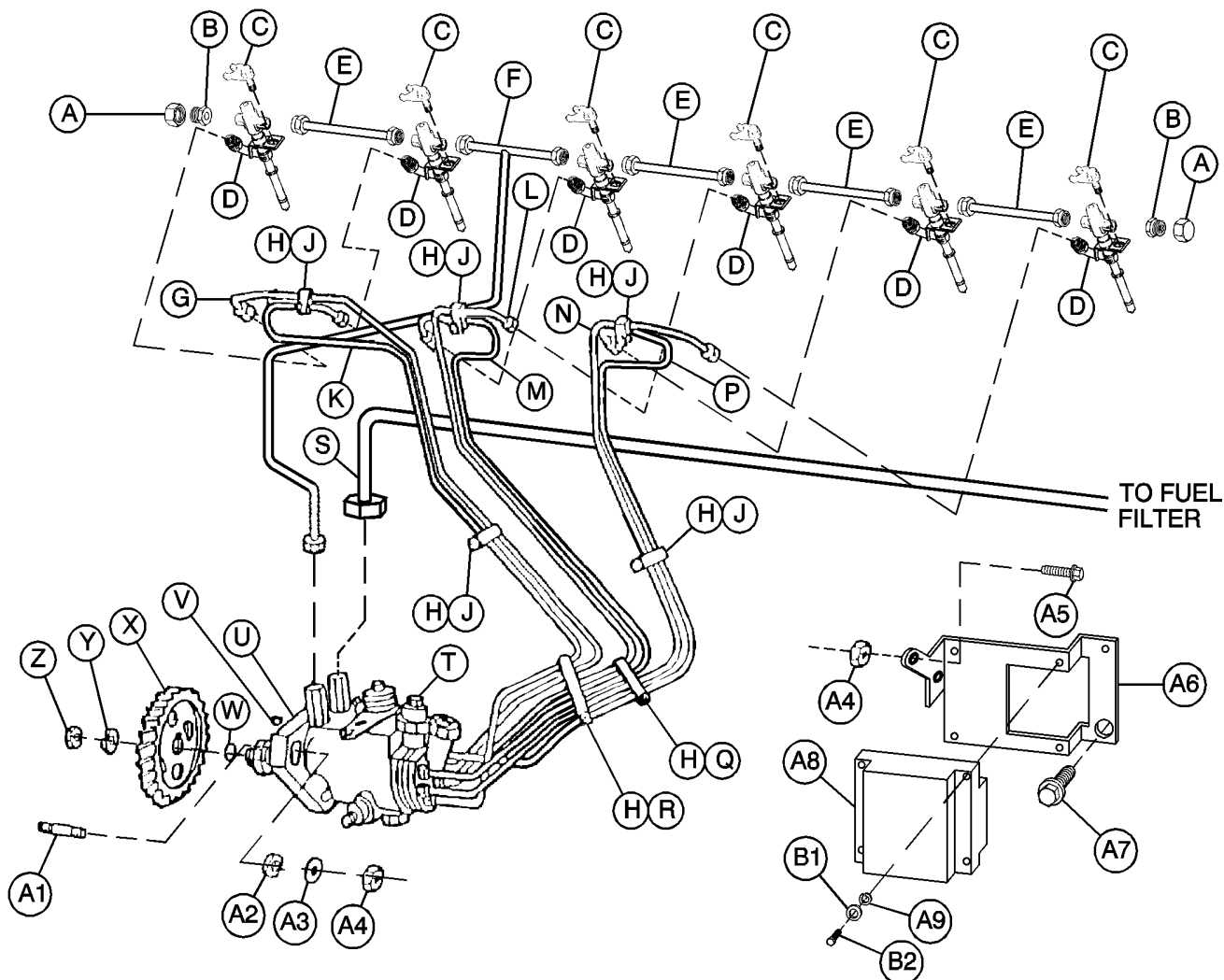


22557896_026_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36106821	NUT, TUBE	2	
B	36101962	PLUG, w/ SLEEVE	2	
C	24899759	CLAMP, INJECTION PUMP	6	
D	22222566	NOZZLE, INJECTION	6	
E	36118339	TUBE, FUEL RAIL	4	
F	24899668	LINE, LEAK-OFF FUEL	1	
G	24899817	LINE, #1 FUEL	1	
H	85470458	SCREW, CAP M06-1.0 X 12	7	
J	36112514	CLAMP, 2 TUBE	5	
K	24899825	LINE, #2 FUEL	1	
L	24899841	LINE, #4 FUEL	1	
M	24899833	LINE, #3 FULE	1	

INJECTION PUMP and FUEL LINES

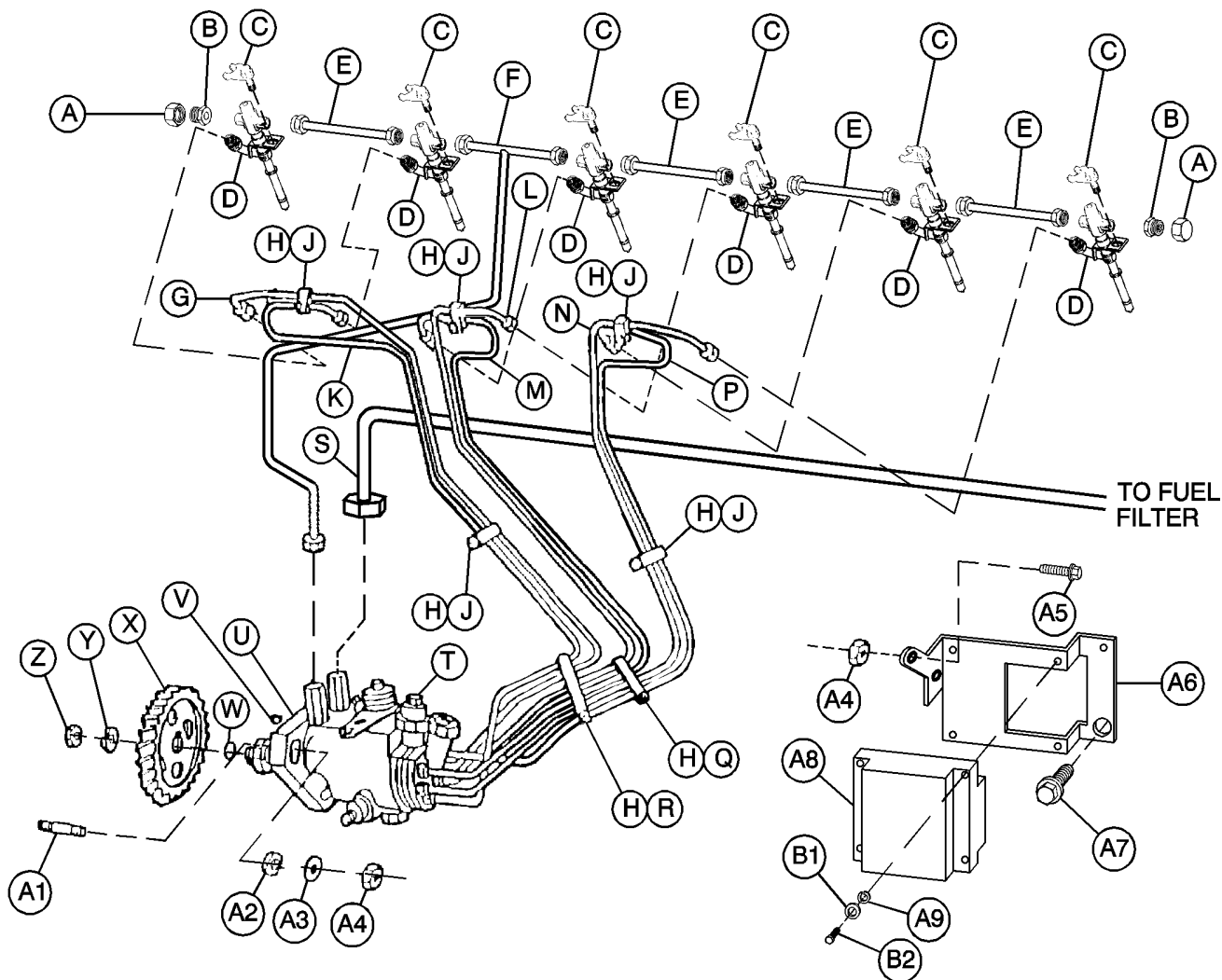
INJECTION PUMP and FUEL LINES



22557896_026_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	24899866	LINE, #6 FUEL	1	
P	24899858	LINE, #5 FUEL	1	
Q	36112522	CLAMP, 4 TUBE	1	
R	85473072	CLAMP, 6 TUBE	1	
S	24899874	LINE, FUEL FILTER / INJECTION PUMP FUEL	1	
T	36125409	SOLENOID, FUEL SHUTDOWN	1	
U	22223937	PUMP, INJECTION FUEL	1	
V	24899031	KEY, SHAFT	1	
W	24899163	O-RING, INJECTION PUMP	1	
X	24899445	GEAR, INJECTION PUMP	1	
Y	36108256	WASHER, LOCK	1	
Z	36111516	NUT	1	

INJECTION PUMP and FUEL LINES

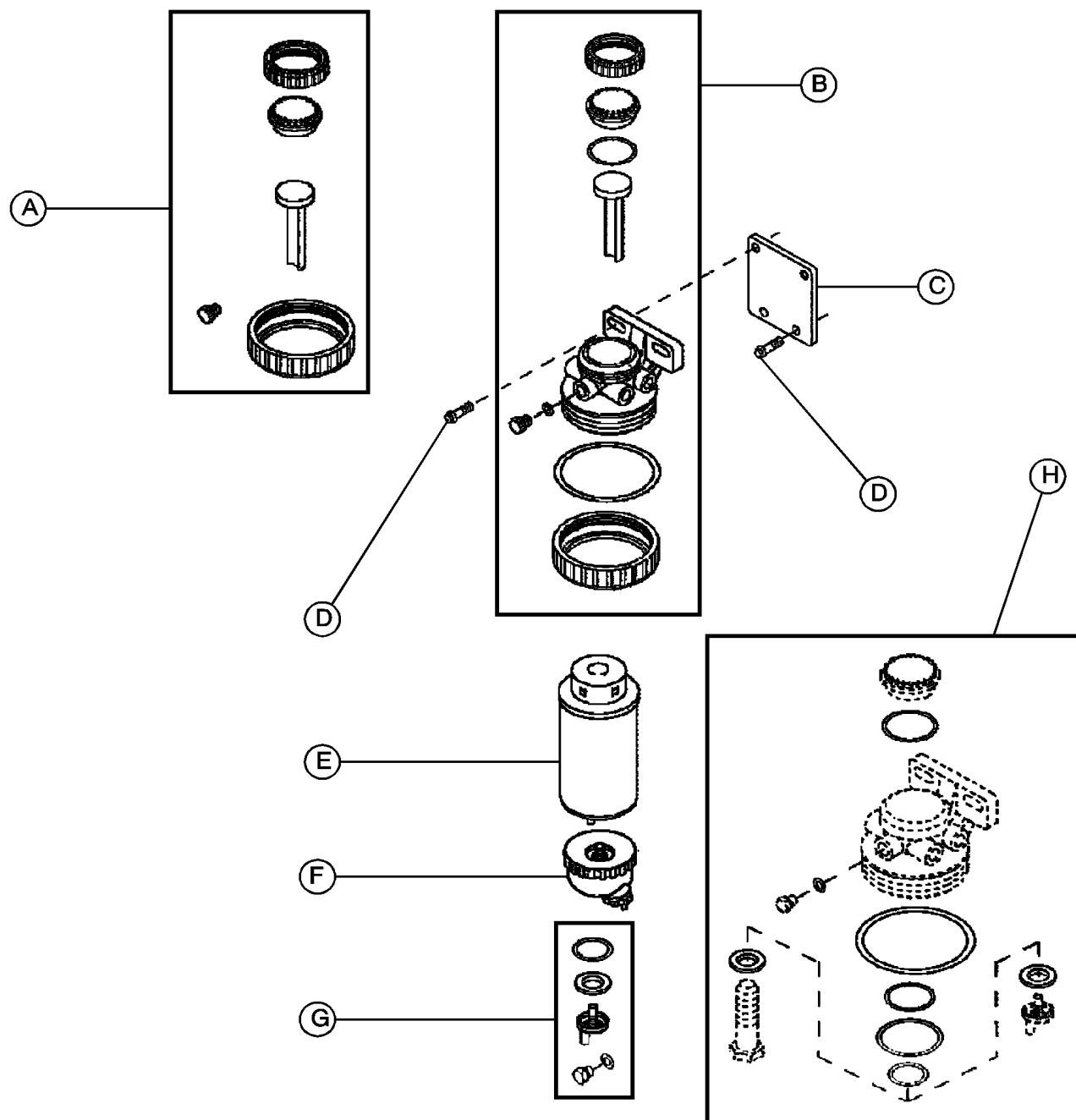


22557896_026_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A1	36104651	STUD	3	
A2	36119576	WASHER, FLAT 8 mm	3	
A3	36100055	WASHER, LOCK 8 mm	3	
A4	36100162	NUT, HEX M08-1.25	5	
A5	85471126	SCREW, HEX FLANGE M08-1.25 X 55	2	
A6	24899353	BRACKET, ENGINE CONTROLLER	1	
A7	85470359	SCREW, HEX FLANGE M10-1.5 X 20	1	
A8	22223911	CONTROLLER, ENGINE	1	
A9	24899114	WASHER, LOCK 5.5 mm	4	
B1	24899023	WASHER, FLAT 5.3 X 10 X 1 mm	4	
B2	24898827	SCREW, CAP M05-0.8 X 12	4	

FUEL FILTER

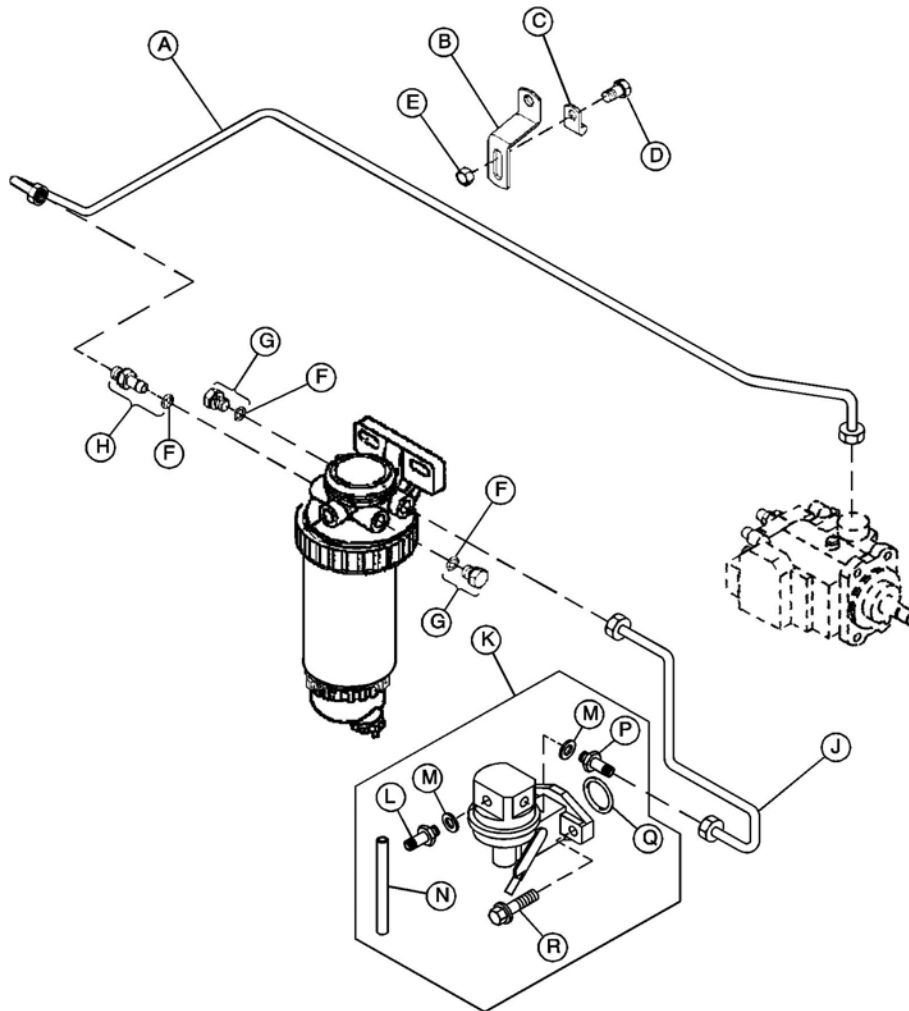
FUEL FILTER



22557896_027_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36114536	KIT, FUEL FILTER SEAL	AR	
B	36125219	HEAD, FUEL FILTER	1	
C	24899452	BRACKET, FULE FILTER MOUNTING	1	
D	85470359	SCREW, HEX FLANGE M10-1.5 X 20	4	
E	22206197	ELEMENT, FUEL FILTER	1	
F	36114544	BOWL, SEDIMNET	1	
G	36116648	KIT, FUEL FILTER DRAIN	AR	
H	24899932	KIT, FUEL FILTER GASKET	AR	

FUEL FILTER and TRANSFER PUMP

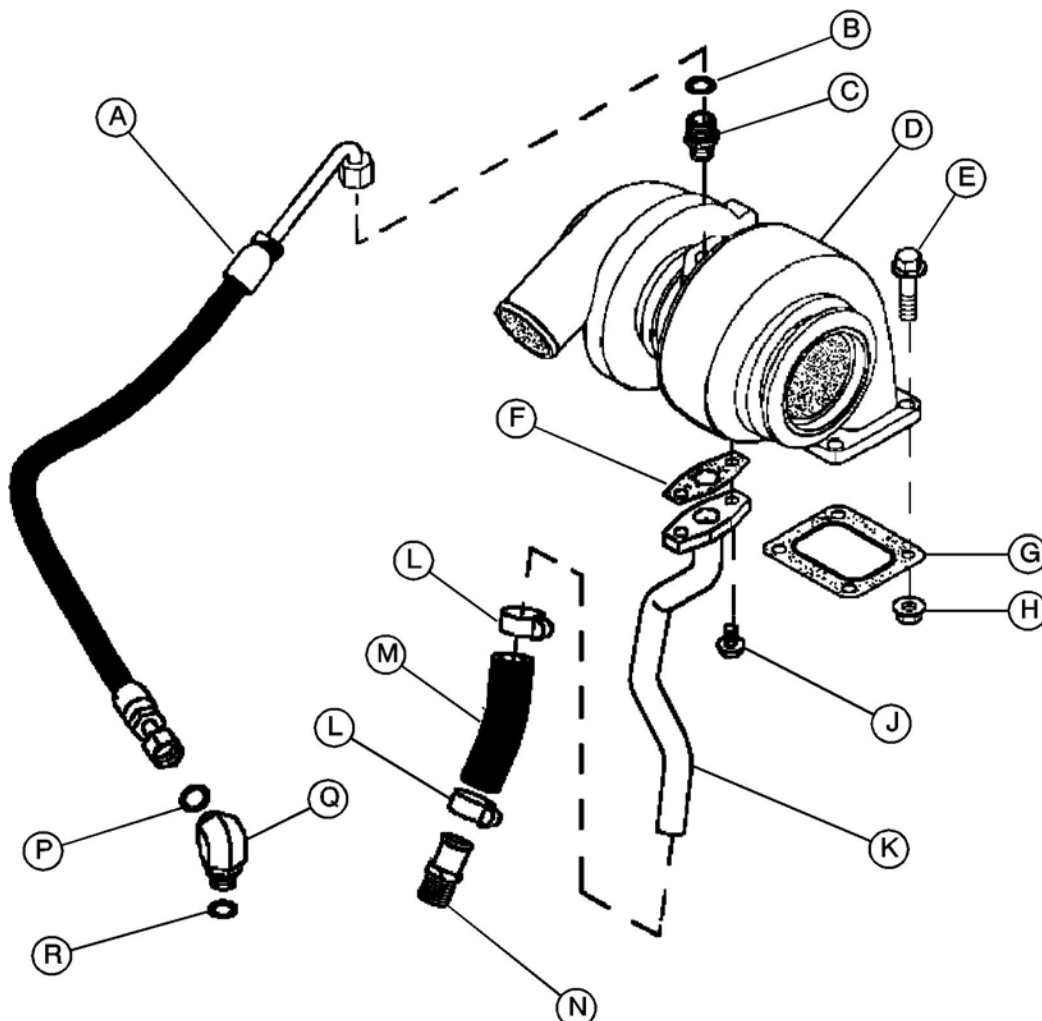


22557896_028_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	24899874	LINE, FUEL FILTER / INJECTION PUMP FUEL	1	
B	24899437	BRACKET, CLAMP	1	
C	36117850	CLAMP, FUEL LINE	1	
D	85470359	SCREW, HEX HD M08-1.25 X 45	1	
E	24898819	NUT, FLANGE M10-1.50	1	
F	36126019	O-RING, 9.3 X 2.2 mm	3	
G	36116242	ADAPTER, w/ O-RING	2	
H	24899775	FITTING, HOSE	1	
J	24899882	LINE, FUEL PUMP TO FUEL FILTER	1	
K	36118271	PUMP, FUEL TRANSFER	1	
L	24899239	FITTING, BARBED HOSE	1	
M	24899254	O-RING, FUEL PUMP	2	
N	36108371	ROD, PUSH	1	
P	24899247	FITTING, FLEX OUTLET	1	
Q	36106102	O-RING, FUEL TRANSFER PUMP	1	
R	24899536	SCREW, HEX FLANGE M08-1.25 X 30	1	

TURBOCHARGER

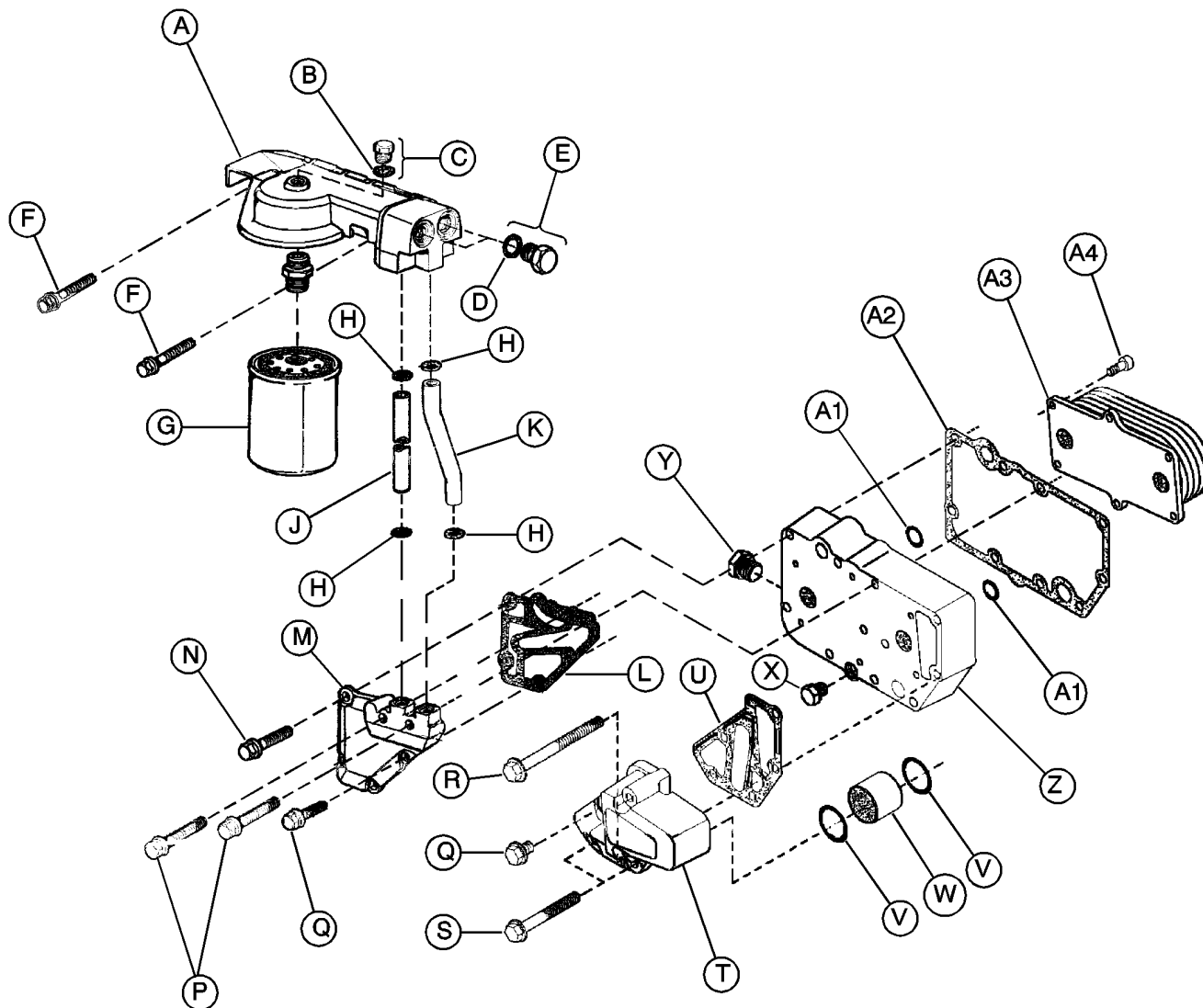
TURBOCHARGER



22557896_029_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	85473676	LINE, TURBO INLET OIL	1	
B	36110054	O-RING	1	
C	36103182	ADAPTER	1	
D	22223929	TURBOCHARGER	1	
E	85471787	SCREW, CAP M10-1.50 X 40	4	
F	36106748	GASKET, TURBO OIL OUTLET	1	
G	36106755	GASKET, TURBO / EXHAUST	1	
H	36100188	NUT, FLANGE M10-1.50	4	
J	85470409	SCREW	2	
K	85474203	LINE, TURBO OIL DRAIN	1	
L	36117885	CLAMP, HOSE	2	
M	24899148	HOSE, TURBO OIL DRAIN	1	
N	85474054	FITTING, HOSE	1	
P	36119808	O-RING	1	
Q	85470581	FITTING, ELBOW 90 DEGREE	1	
R	85470615	O-RING	1	

OIL FILTER & COOLER

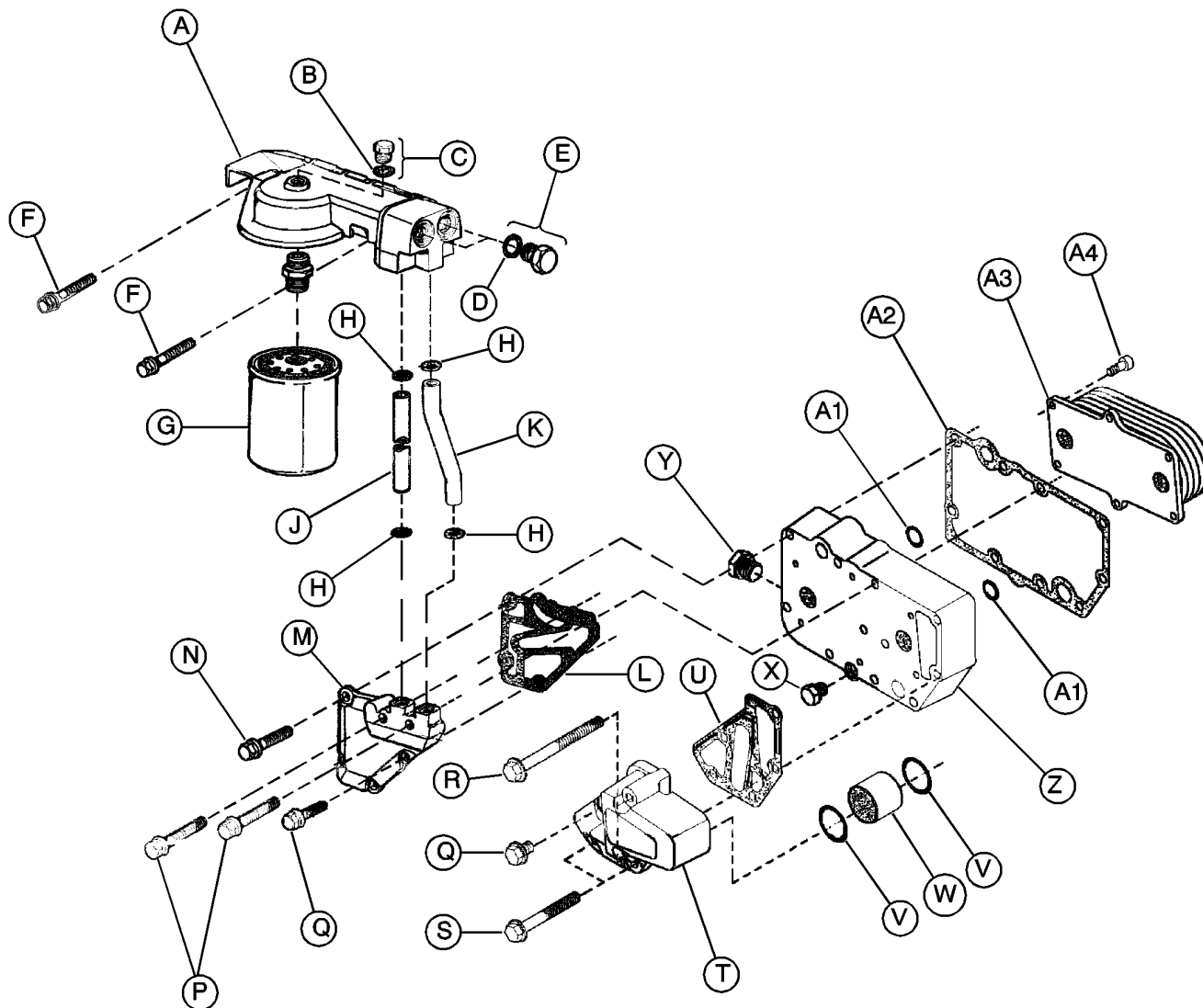


22557896_030_11/04_A

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, 19.3 X 2.2 mm	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 3.51 mm	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	

OIL FILTER & COOLER

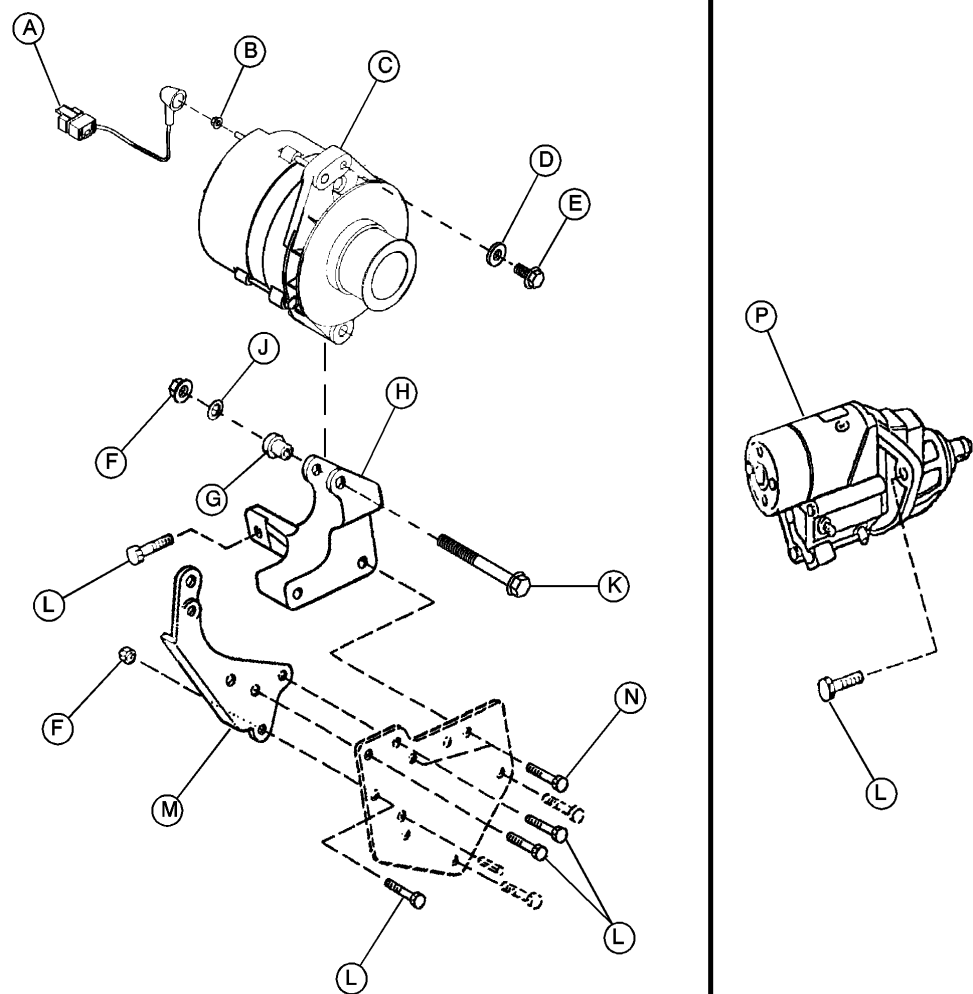
OIL FILTER & COOLER



22557896_030_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Q	36118149	SCREW, HEX FLANGE M08-1.25 X 20	2	
R	85470548	SCREW, HEX FLANGE M08-1.25 X 100	2	
S	85470375	SCREW, HEX FLANGE M08-1.25 X 65	2	
T	85472074	ADAPTER, OIL COOLER	1	
U	85471597	GASKET, OIL COOLER ADAPTER	1	
V	36109890	O-RING, TUBE/TIMING GEAR COVER	2	
W	36104370	TUBE, OIL COOLER ADAPTER	1	
X	36114098	PLUG w/ O-RING	1	
Y	36114080	PLUG, M18-2.5 X 1.5 w/ O-RING	1	
Z	36106516	HOUSING, OIL COOLER	1	
A1	36118693	O-RING, OIL COOLER HOUSING	2	
A2	36106607	GASKET, OIL COOLER HOUSING	1	
A3	36115251	COOLER, OIL	1	
A4	36118131	SCREW, M06-1.0 X 16	6	

ELECTRICAL COMPONENTS

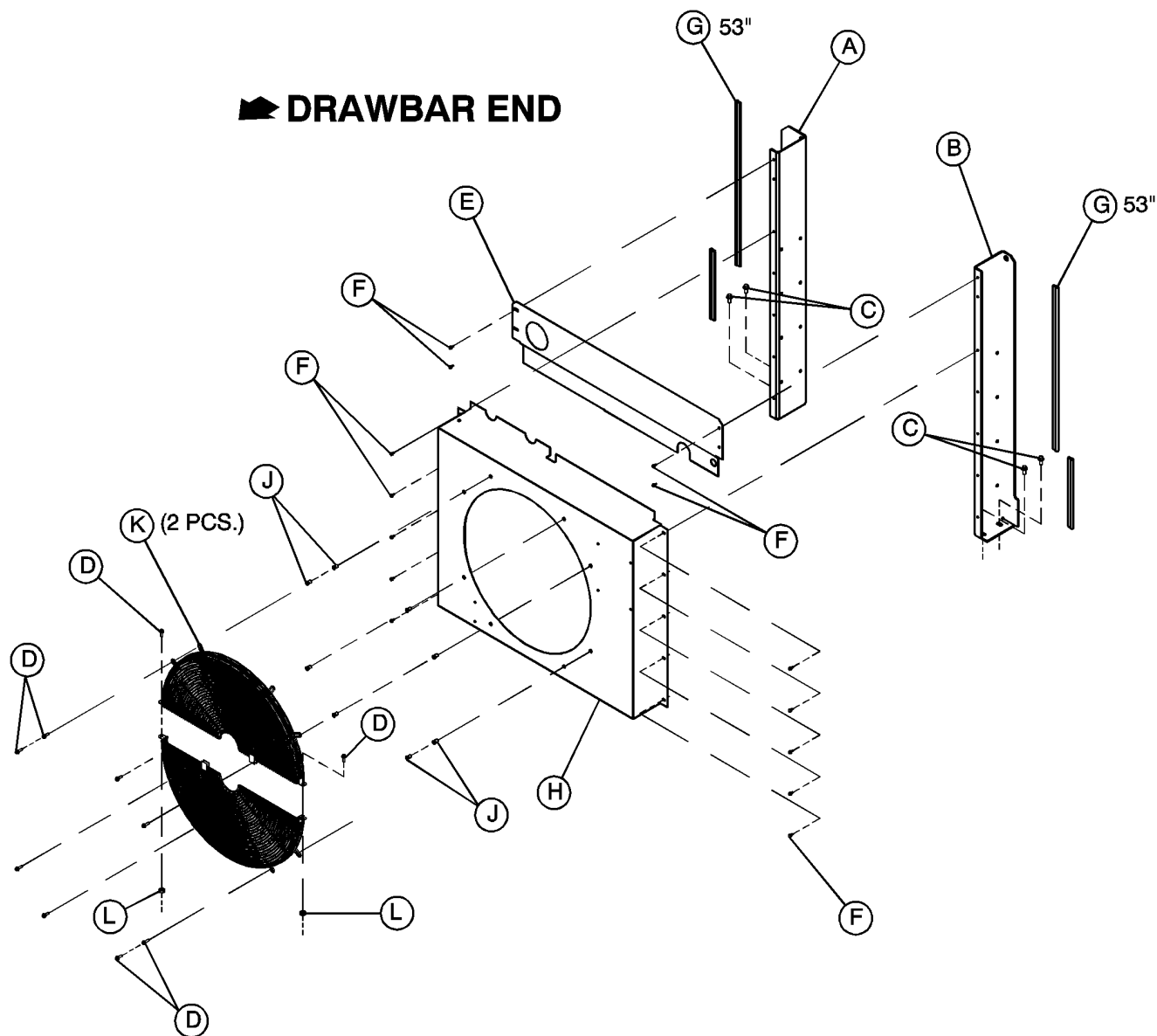


22557896_031_11/04_A

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, 24 V	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 M10-1.50 X 100	1	
L	24898843	SCREW, HEX FLANGE M10-1.50 X 30	8	
M	36108074	STRAP, ALTERNATOR ADJUSTMENT	1	
N	85470185	SCREW, HEX FLANGE M10-1.50 X 25	2	
P	22206213	STARTER, 24V	1	

COOLER SHROUD

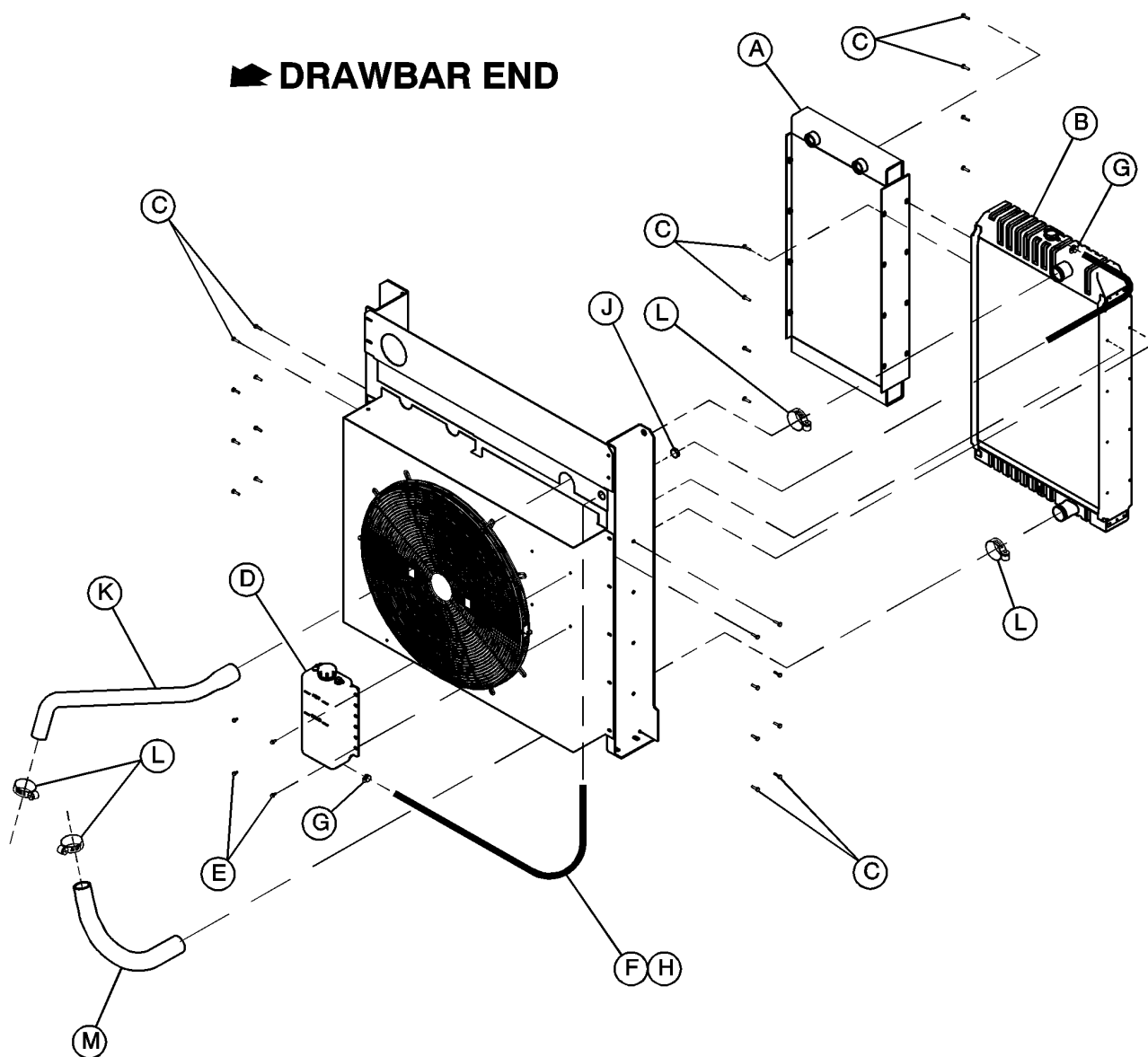
COOLER SHROUD



22557896_032_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22140826	SUPPORT, OIL COOLER	1	SEE LENGTHS ABOVE
B	22141386	SUPPORT, RADIATOR	1	
C	36879492	SCREW, HEX FLANGE M12-1.75 X 25	4	
D	36889068	SCREW, HEX FLANGE M08-1.25 X 25	26	
E	22140834	BAFFLE, TOP RADIATOR	1	
F	36797652	SCREW, TAPPING M06-1.0 X 12	12	
G	54627617	GUARD, DOOR EDGE	~	
H	22151070	SHROUD, FAN	1	
J	36895746	NUTSERT, M08	8	
K	22124093	GUARD, FAN	1	
L	36881886	NUT, HEX FLANGE M08-1.25	2	

COOLERS COMPLETE

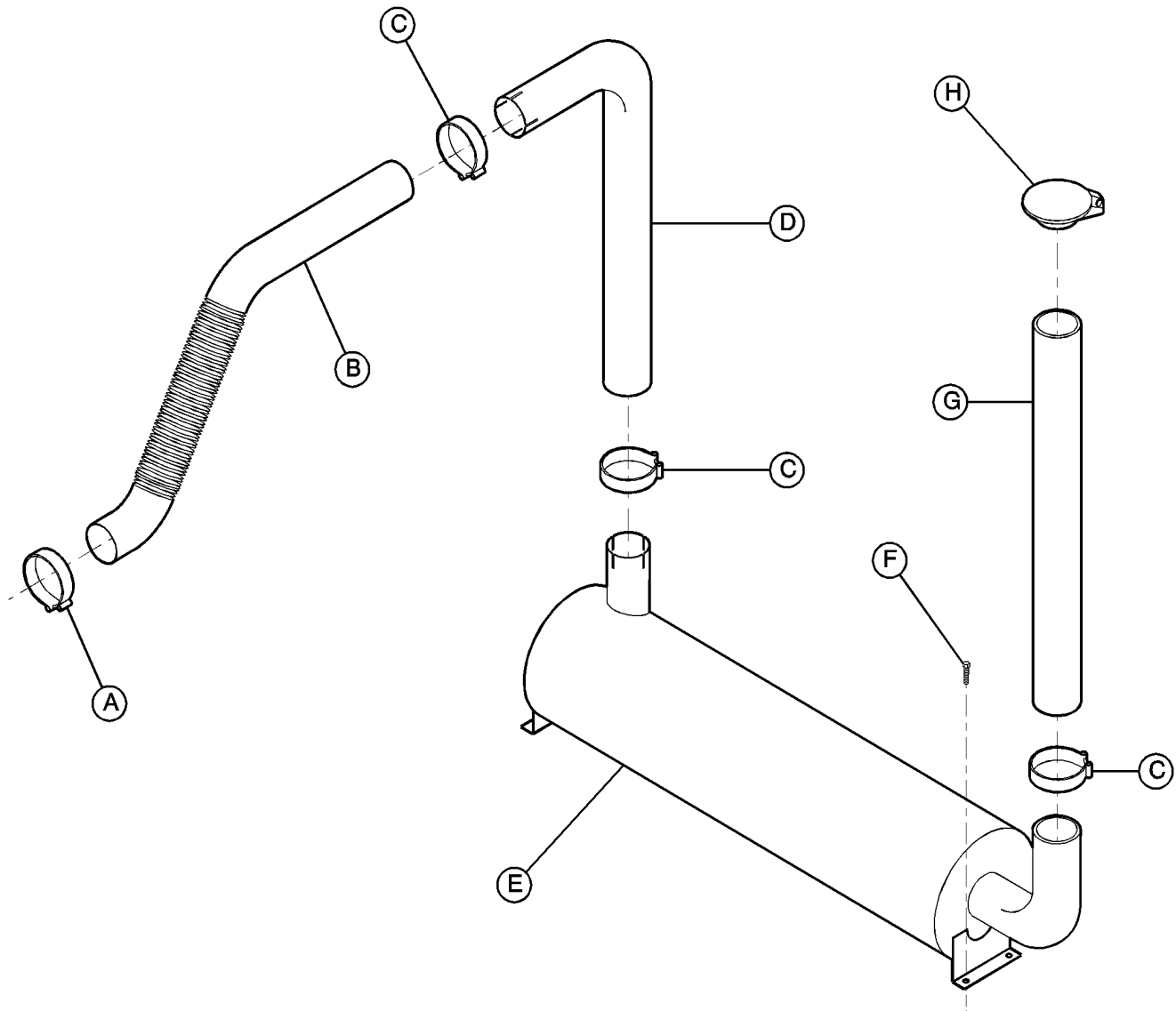


22557896_033_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54738901	COOLER, OIL	1	
B	54738927	RADIATOR	1	
C	36889608	SCREW, HEX FLANGE M08-1.25 X 25	24	
D	36845600	BOTTLE, COOLANT RECOVERY	1	
E	36797652	SCREW, TAPPING M06-1.0 X 12	4	
F	35360777	TUBING, 5/16"	48"	
G	35296342	CLAMP, WORM GEAR	2	
H	35253038	CLAMP, SUPPORT 3/8"	2	
J	35285162	GROMMET	1	
K	22184311	HOSE, TOP RADIATOR	1	
L	35221639	CLAMP, HOSE	4	
M	22184329	HOSE, BOTTOM RADIATOR	1	

EXHAUST COMPLETE

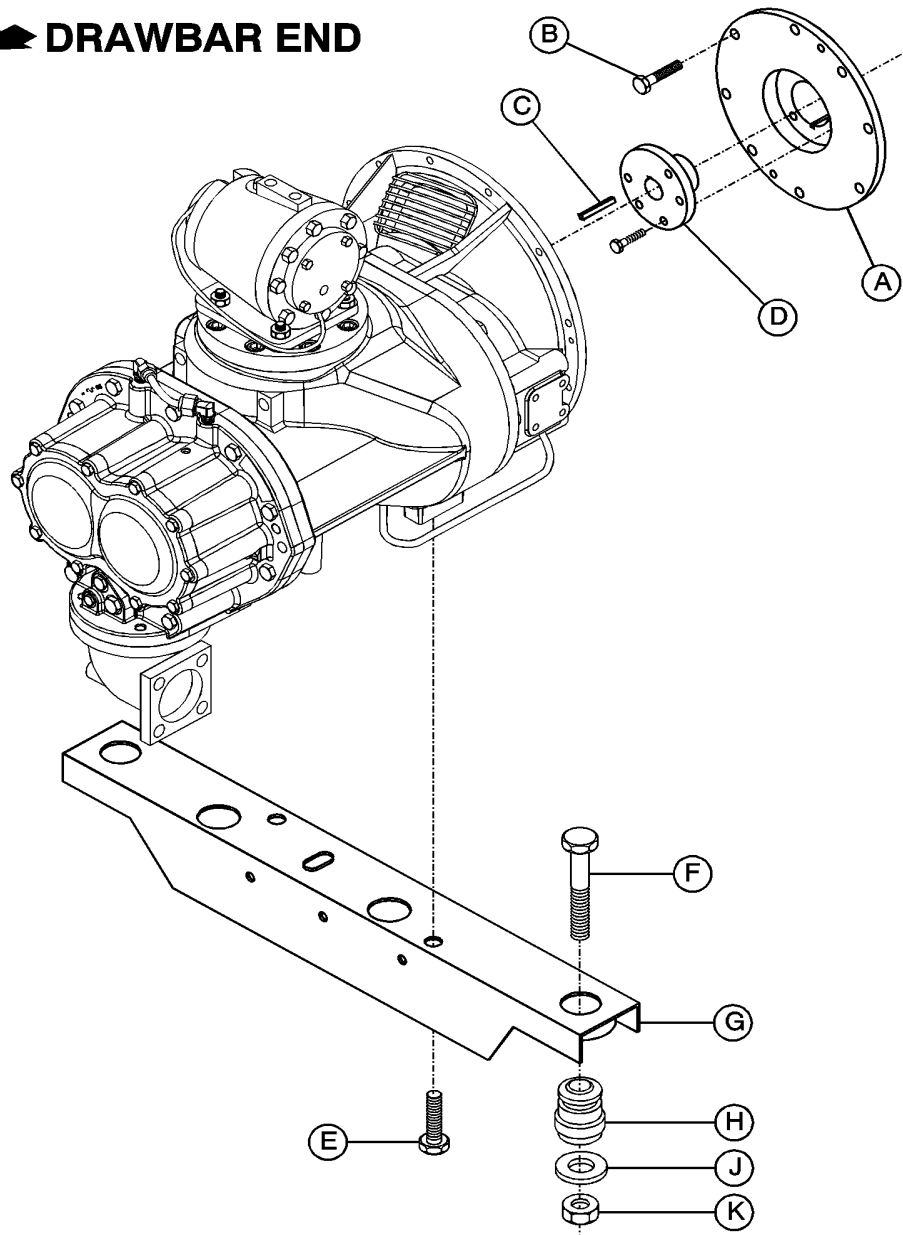
EXHAUST COMPLETE



22557896_034_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881175	CLAMP, EXHAUST	1	
B	22153530	TUBE, ENGINE EXHAUST	1	
C	35313303	CLAMP, 4" SEAL	3	
D	22184774	TUBE, EXHAUST	1	
E	22152250	MUFFLER	1	
F	35279025	SCREW, TAPPING M08-1.25 X 20	4	
G	54774229	PIPE, EXHAUST	1	
H	35504364	CAP, RAIN	1	

AIREND MOUNTING

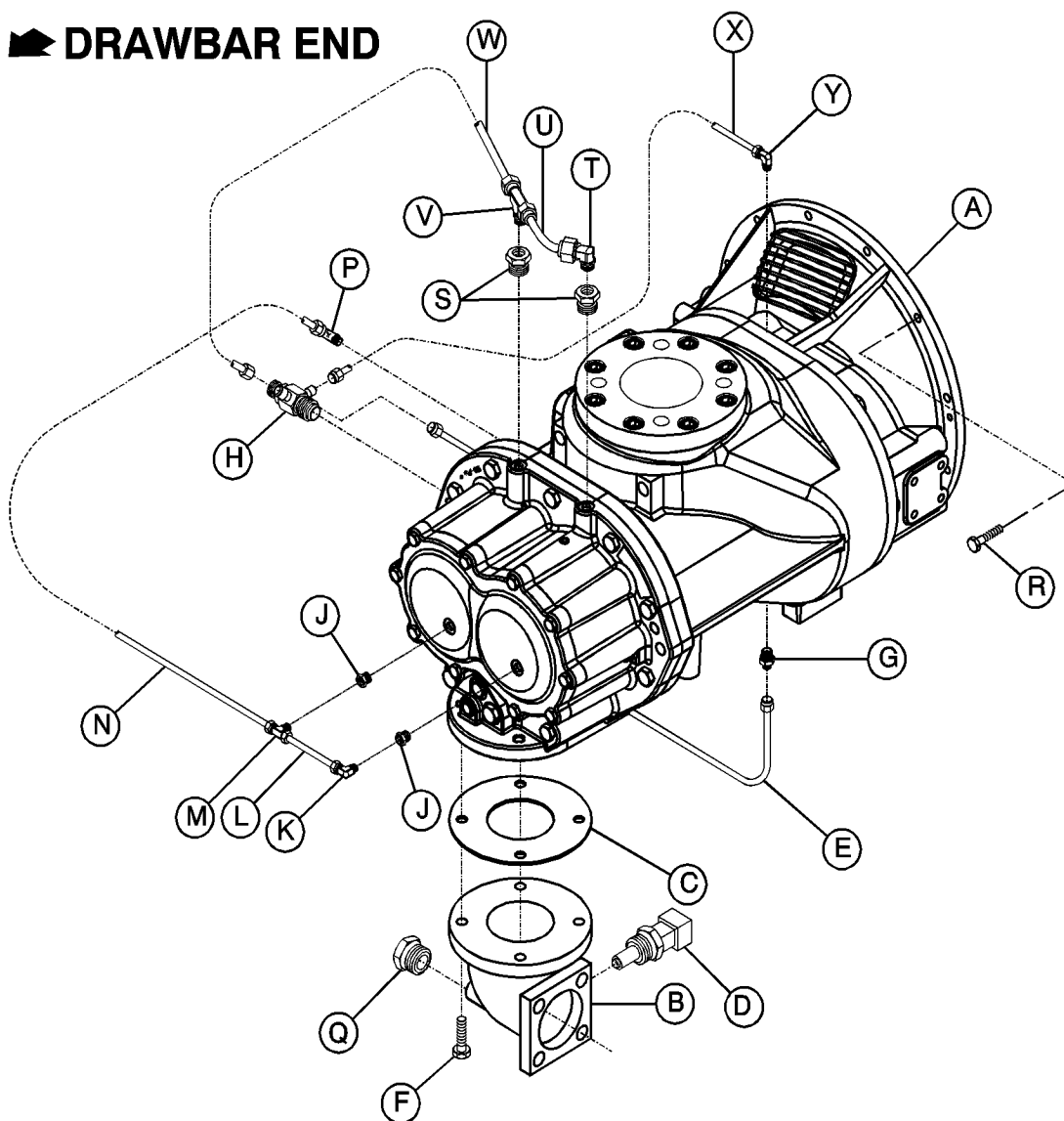
 DRAWBAR END


22557896_035_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35834787	COUPLING, CLUTCH	1	
B	95220604	SCREW, SOCKET HD 3/8-16 X .75"	8	
C	35364975	KEY, 1/2" SQ X 2.75"	1	
D	35103852	BUSHING, CLUTCH	1	
E	35375591	SCREW, HEX M16-2.0 X 30	2	
F	35290113	SCREW, HEX M16-2.0 X 75	2	
G	42308511	SUPPORT, AIREND	1	
H	35318229	ISOLATOR, CENTER BOND MOUNT	2	
J	35327212	WASHER, SNUBBER	2	
K	96704630	NUT, HEX NYLOC M16-2.0	2	

AIREND PIPING

AIREND PIPING

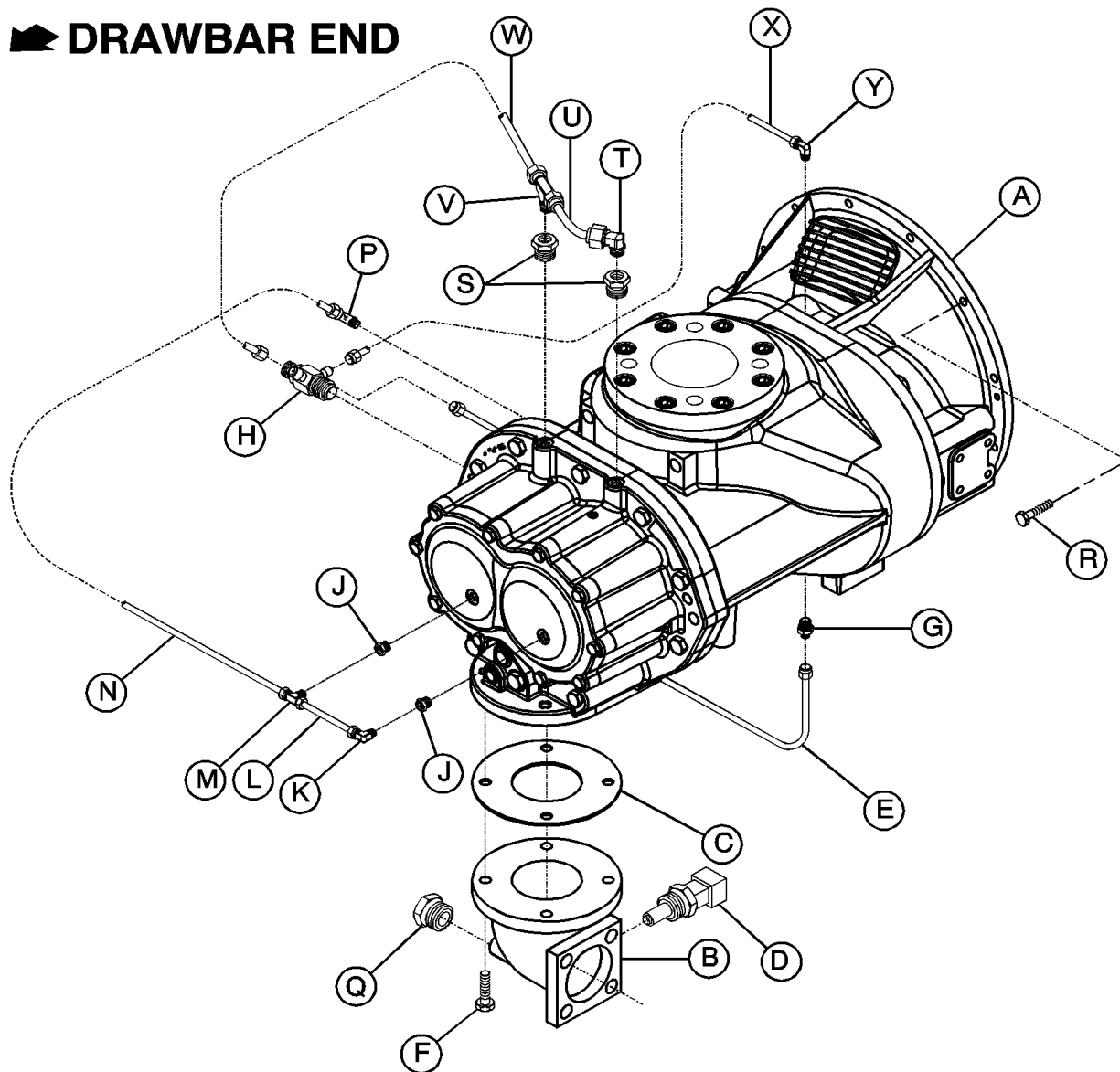
 DRAWBAR END


22557896_036_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35093665	AIREND ASM.	1	P600, 7/170
	36083988	AIREND ASM.	1	HP450, 10/125
	36083996	AIREND ASM.	1	VHP400, 14/115
B	22247340	ELBOW, DISCHARGE	1	
C	35575570	GASKET, AIREND DISCHARGE	1	
D	36898922	SWITCH, ALARM	1	
E	22189609	TUBE, AIREND OIL	1	
F	35375385	SCREW, HEX M16-2.0 X 40	4	
G	95402806	ADAPTER, 7/16-20 X -6 JIC	1	
H	36845154	MANIFOLD, OIL	1	
J	36846095	CONNECTOR, 3/4" O-RING	2	
K	35286491	ELBOW, 7/8-14 X -10 JIC	1	
L	36846111	TUBE, REAR SCAVENGE	1	

AIREND PIPING

DRAWBAR END

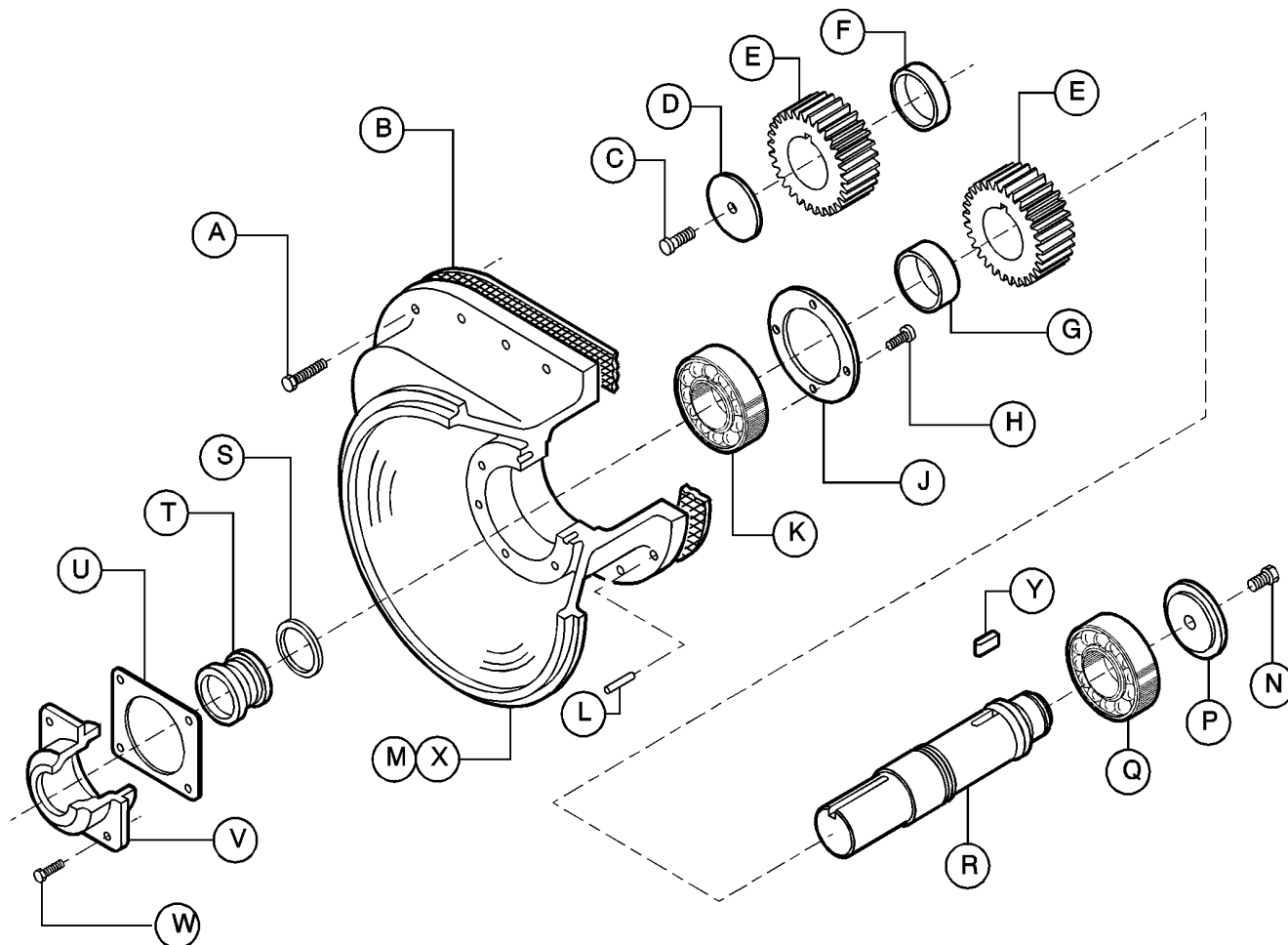


22557896_036_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	36846129	TEE, 7/8-14 X -10 JIC	1	
N	36846103	TUBE, BEARING OIL SCAVENGE	1	
P	35305622	ELBOW, 3/4-16 X -10 JIC	1	
Q	35278555	PLUG, ADAPTER	1	
R	36880995	SCREW, HEX M10-1.75 X 30	12	
S	35287945	EXPANDER, 9/16-18 X -6 JIC	2	
T	35279827	ELBOW 9/16-18 X -6 JIC	1	
U	35795482	TUBE ASM.	1	
V	35279843	TEE, 9/16-18 X -6 JIC	1	
W	36846078	TUBE, BEARING OIL SUPPLY	1	
X	22189591	TUBE, AIREND OIL	1	
Y	35279876	ELBOW, 7/16-20 X -4 JIC	1	

AIREND GEAR CASE ASM.

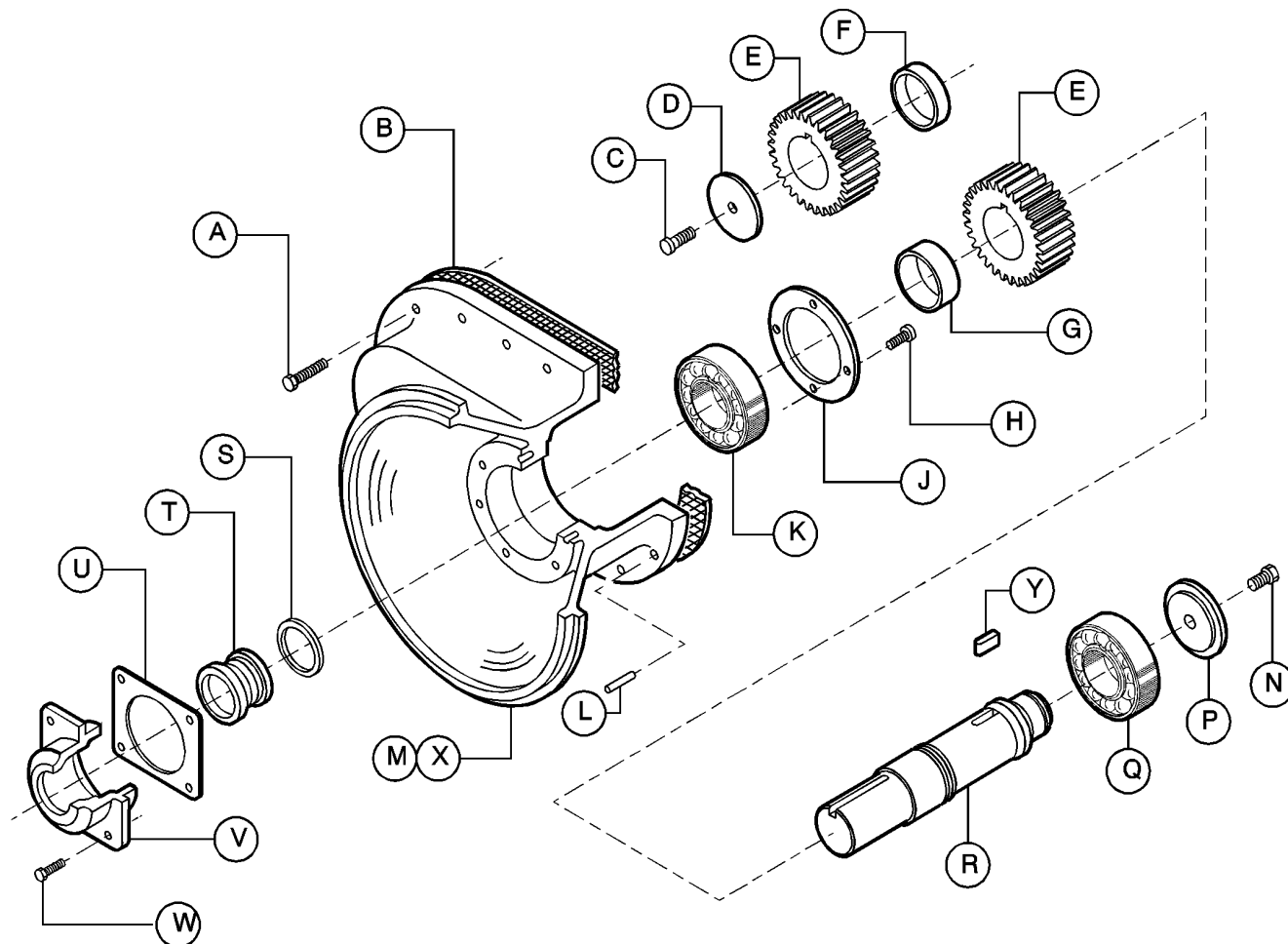
AIREND GEAR CASE ASM.



22557896_037_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	96716162	SCREW, HEX SOCKET M16-2.0 X 40	12	
B	39437637	GASKET	1	
C	35108372	SCREW, HEX HD 1/2-13 X 1.25"	1	
D	35255827	PLATE, CLAMP	1	
E	92512516	GEAR SET	1	P600, 7/170
	22377949	GEAR SET	1	HP450, 10/125
	22376784	GEAR SET	1	VHP400, 14/115
F	35262716	SPACER	1	
G	35269224	SPACER, BEARING	1	
H	95264149	SCREW, HEX SOCKET CAP 3/8-16 X 2.0"	4	
J	35573070	PLATE, RETAINING	1	
K	35601517	BEARING, BALL	1	
L	95239919	PIN, DOWEL 1/2 X 1.25"	2	
M	35996164	CASE, GEAR	1	

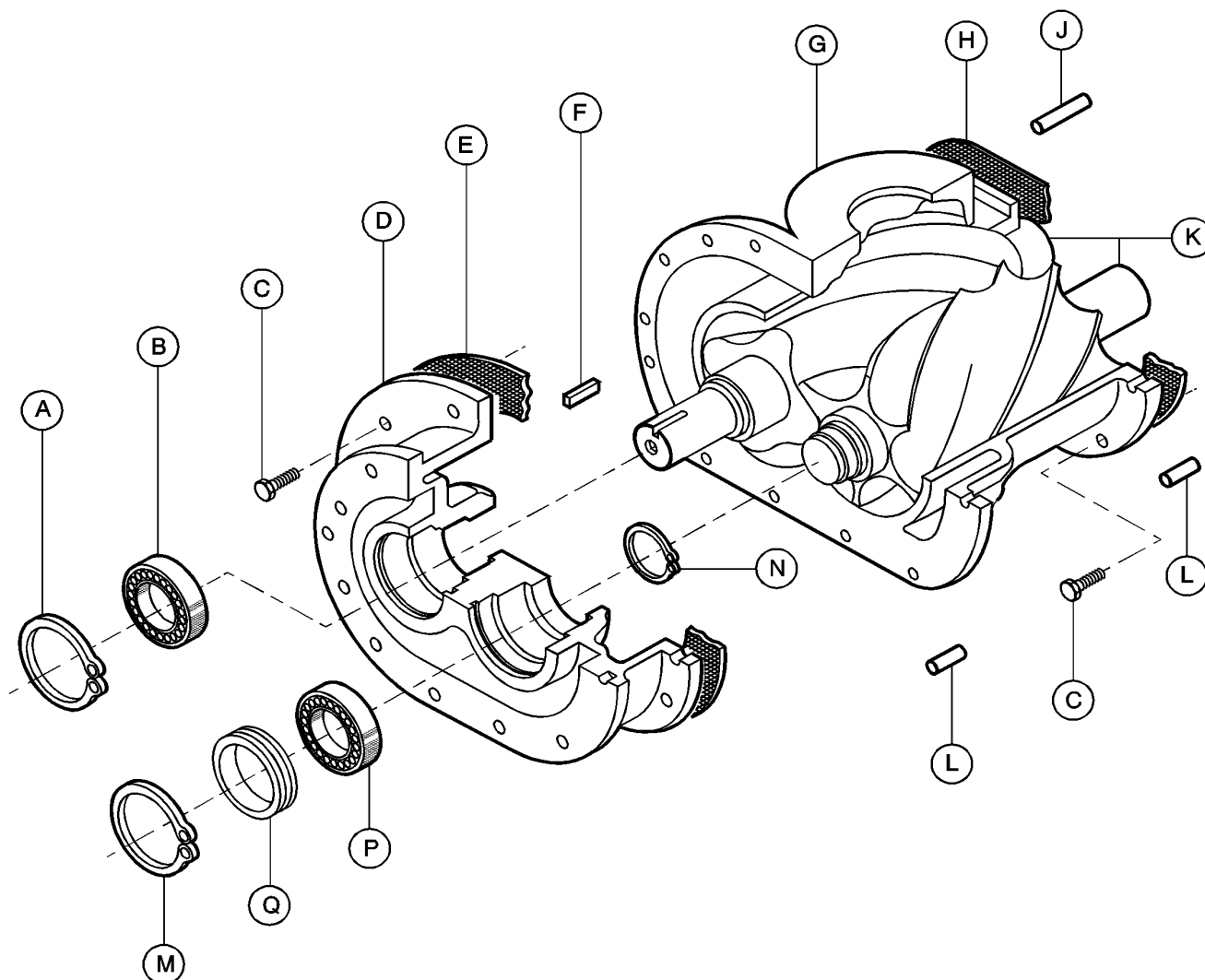
AIREND GEAR CASE ASM.



22557896_037_11/04_A

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	36780906	SHAFT, GEAR	1	
S	35104082	NUT, LOCK	1	
T	35593508	SEAL, OIL	1	
U	35210087	GASKET	1	
V	35592757	COVER, OIL SEAL	1	
W	96712187	SCREW, HEX SOCKET M12-1.75 X 30	6	
X	36798205	GUARD	2	
Y	35361328	KEY	1	

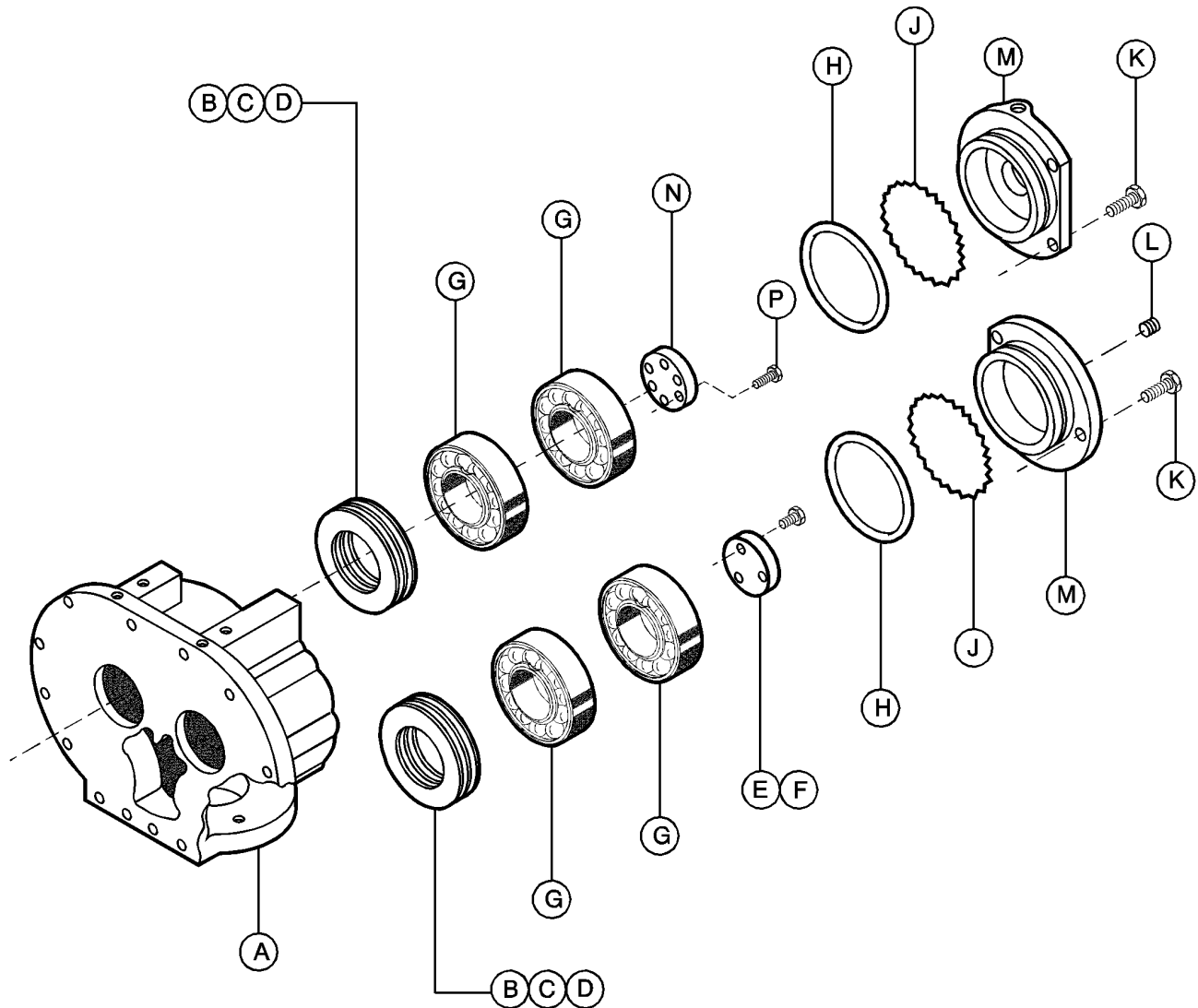
AIREND ROTOR HSG. ASM.



22557896_038_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	13	
D	39703921	HOUSING, FRONT BEARING	1	
E	35518497	GASKET, FRONT BEARING HOUSING	1	
F	95381109	KEY, 3/8" SQ.	1	
G	39748942	HOUSING, ROTOR	1	
H	39437629	GASKET, REAR BEARING HOUSING	1	
J	95239927	PIN, DOWEL 1/2 X1.5"	2	
K	36008241	ROTOR SET	1	
L	35332915	PIN, LOCATOR	2	
M	95223178	RING, SNAP	1	
N	95223806	RING, SNAP	1	
P	35609361	BEARING, CYLINDRICAL ROLLER	1	
Q	35270131	SPACER, BEARING	1	

AIREND REAR BEARING HSG. ASM.



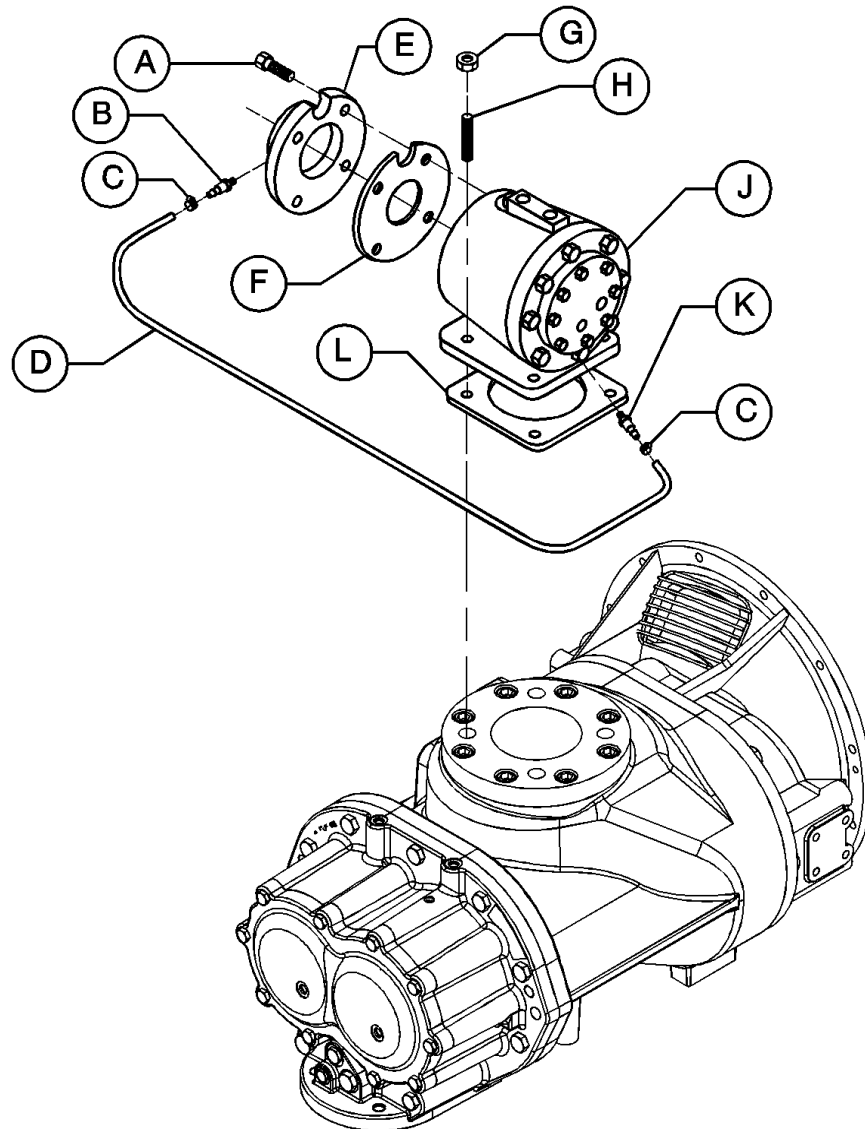
22557896_039_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36769404	HOUSING, REAR BEARING	1	
B	35313600	SHIM, .002	4	
C	35313618	SHIM, .003	4	
D	35364769	SHIM, .010	2	
E	35262690	PLATE, CLAMP	1	
F	35104108	SCREW, HEX 3/8-16 X 1.25"	3	
G	39437595	BEARING, TAPERED ROLLER	4	
H	95358131	O-RING	2	
J	35354448	SHIM SET	2	
K	96712187	SCREW, HEX M12-1.75 X 30	6	
L	35287556	PLUG	1	
M	36500832	COCVER, REAR BEARING	2	
N	39435441	PLATE, CLAMP	1	
P	95494167	SCREW, HEX SOCKET CAP 5/16-18 X 1.25"	8	

UNLOADER COMPLETE

UNLOADER COMPLETE

DRAWBAR END

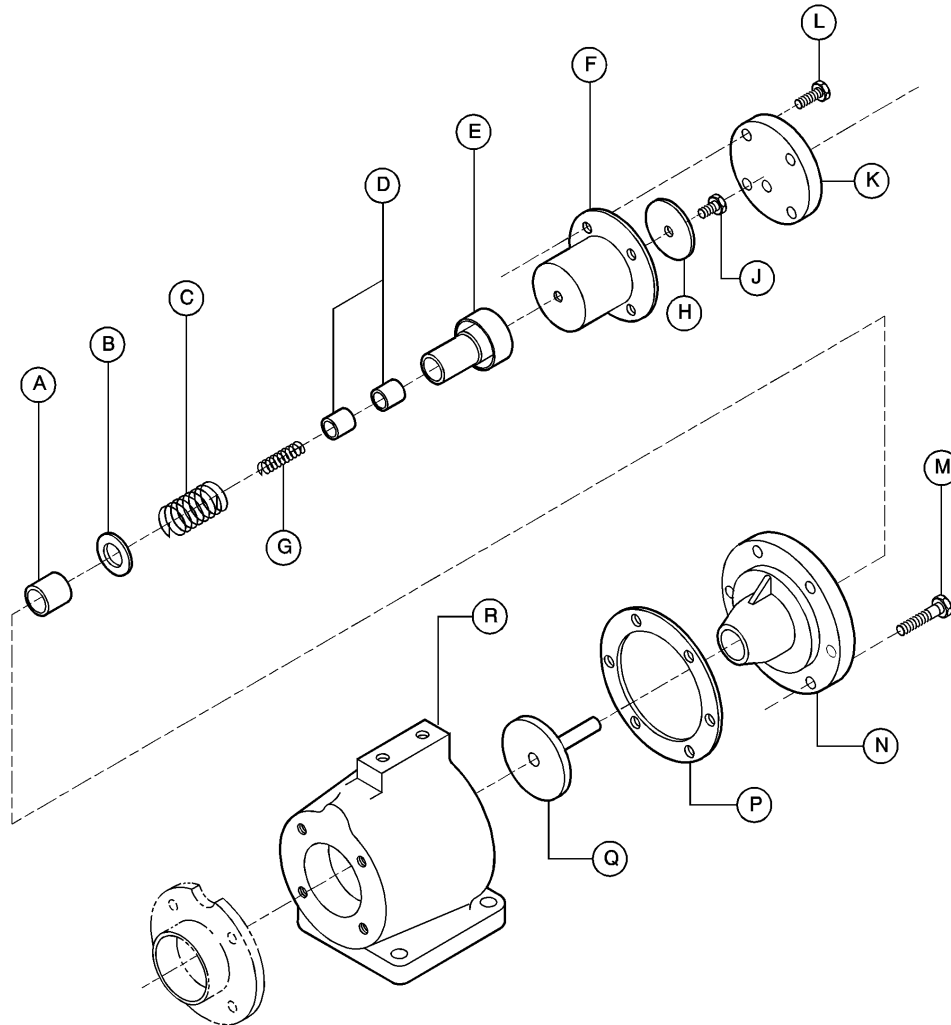


22557896_031_11/04_A

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	36011567	VALVE, UNLOADER	1	
K	35323542	ADAPTER, UNLOADER	1	
L	35589589	GASKET, UNLOADER TO AIREND	1	

UNLOADER ASSEMBLY

UNLOADER ASSEMBLY

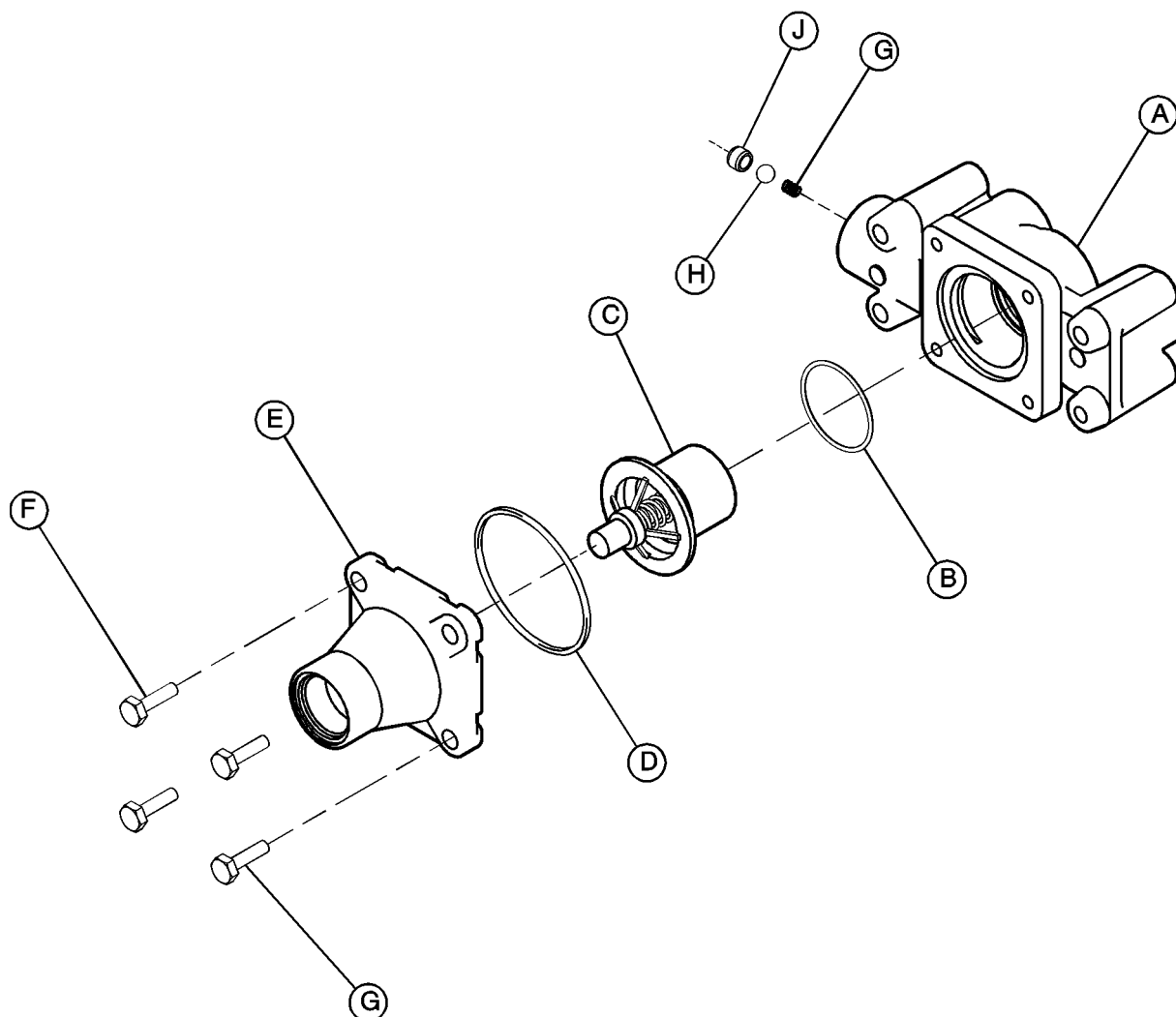


22557896_041_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35318013	BUSHING, HOUSING	1	
B	35317205	WASHER	1	
C	35322767	SPRING, PISTON	1	
D	35318005	BUSHING, PISTON	2	
E	35588193	PISTON, UNLOADER	1	
F	35317197	DIAPHRAGM	1	
G	35321603	SPRING	1	
H	35317239	WASHER, PISTON	1	
J	35321595	SCREW, BUTTON SOC HD CAP M10-1.5 X 16	1	
K	36849461	COVER, PISTON	1	
L	35271162	SCREW, HEX M08-1.25 X 30	4	
M	96702287	SCREW, HEX M10-1.50 X 25	6	
N	35833227	HOUSING, PISTON	1	
P	35588300	GASKET, PISTON	1	
Q	35591122	VALVE, UNLOADER	1	
R	36849453	BODY, UNLOADER	1	

OIL TEMPERATURE BY-PASS VALVE

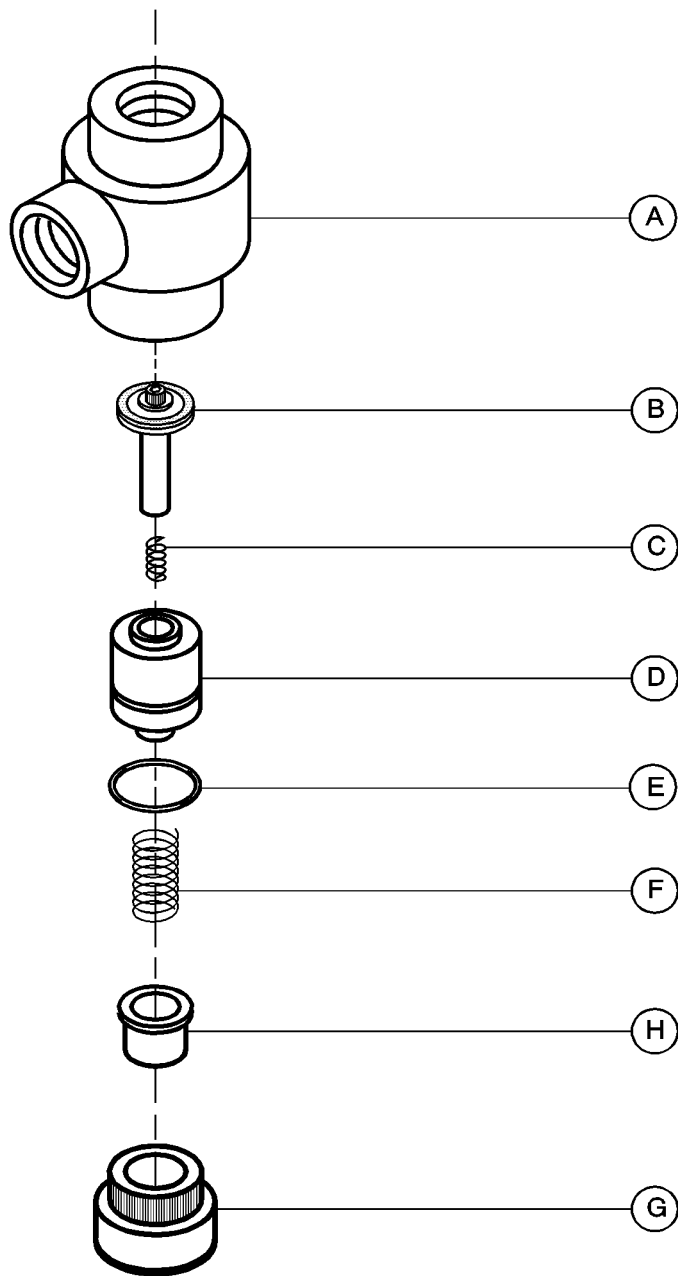
OIL TEMPERATURE BY-PASS VALVE



22557896_042_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54414305	HOUSING, O T B V	1	
B	36788172	SEAL, U-TYPE VITON	1	
C	36782019	ELEMENT, 125 DEG - 145 DEG F	1	
D	95022307	O-RING	1	
E	36876779	COVER	1	
F	96702659	SCREW, HEX M08-1.25 X 25	4	
G	35379940	SPRING	1	
H	35288448	BALL	1	
J	54414677	ORIFICE, OIL	1	

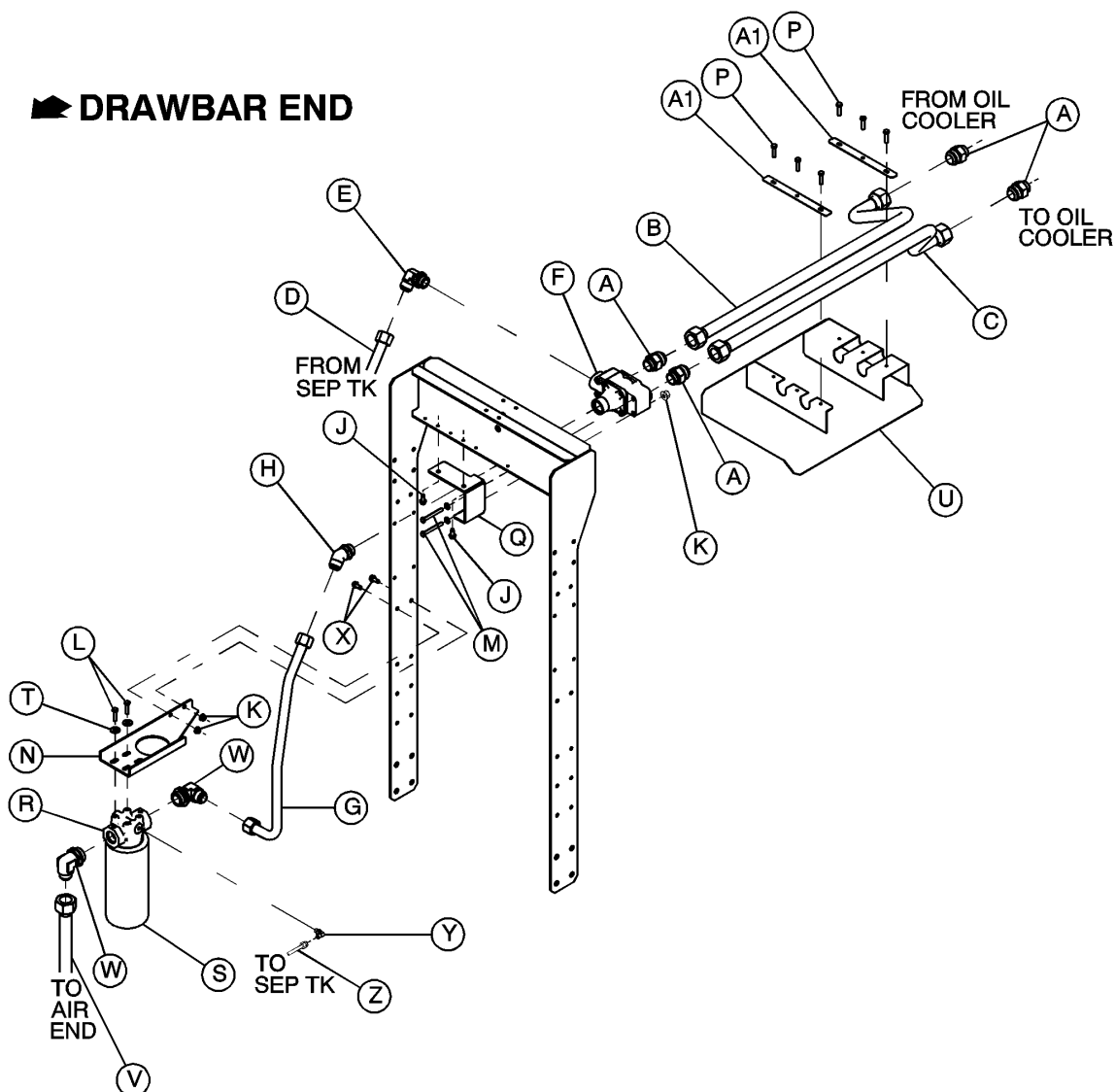
MINIMUM PRESSURE VALVE



22557896_043_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35367333	BODY, MINIMUM PRESSURE VALVE	1	
B	35367317	CV ASM.	1	
C	35367658	SPRING	1	
D	35367325	PISTON	1	
E	35367374	O-RING	1	
F	35367366	SPRING	1	
G	35367341	CAP	1	
H	35367390	INSERT	1	
	22217848	VALVE ASM., MINIMUM PRESSURE		

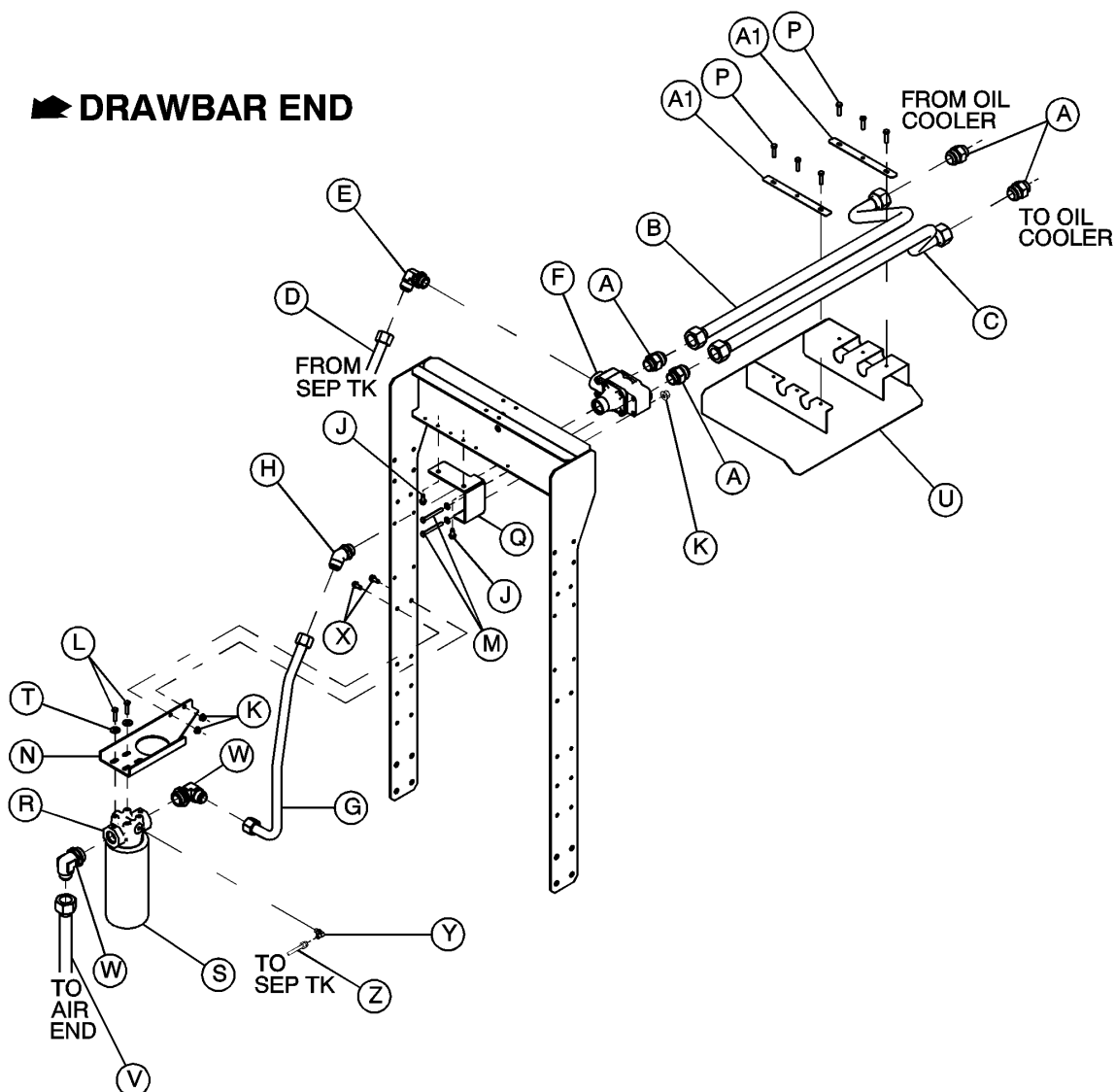
OTBV / OIL FILTER MOUNTING

 DRAWBAR END


22557896_044_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95315289	CONNECTOR, 1.31-12 X 1.62-12	4	
B	22185789	TUBE, OIL COOLER	1	
C	22185797	TUBE, OIL COOLER	1	
D	35132877	TUBE, OBTV TO SEPERATOR TANK	1	
E	95938171	ELBOW, 90 X 1.31 SAE	1	
F	54414420	OBTV, 1.31 SAE	1	
G	22165369	TUBE, OBTV	1	
H	95992632	ELBOW, 45 X 1.31 SAE	1	
J	92368687	SCREW, TAPPING M06-1.0 X 12	2	
K	36881886	NUT, HEX FLANGE M08-1.25	4	
L	35252493	SCREW, HEX LOCK 3/8-16 X .75"	2	
M	36786382	SCREW, HEX M08-1.25 X 70	2	
N	22165039	BRACKET, OIL FILTER	1	

OTBV / OIL FILTER MOUNTING

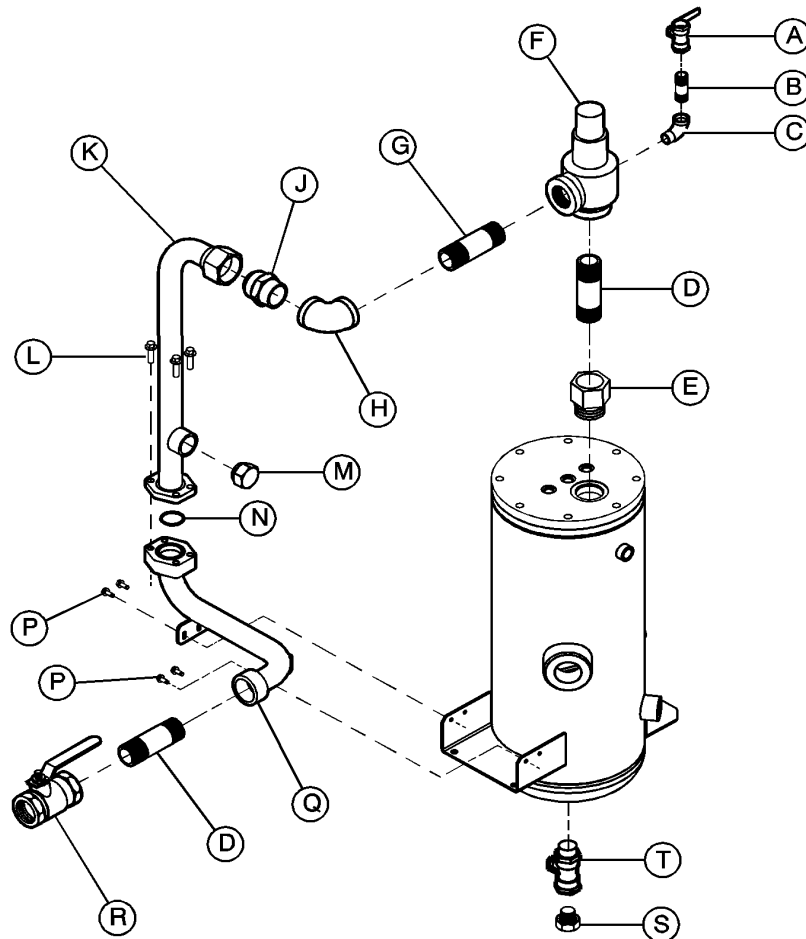
 DRAWBAR END


22557896_044_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36797652	SCREW, TAPPING M06-1.0 X 12	6	
Q	22165047	BRACKET, OBTV	1	
R	36897437	HEAD, SINGLE OIL FILTER	1	
S	36897346	ELEMENT, OIL FILTER	1	
T	95935037	WSHER, FLAT	2	
U	22228423	GUARD, BY-PASS VALVE	1	
V	35231455	HOSE, -16 JIC	1	
W	95376133	ELBOW, 1.63-12	2	
X	36889608	SCREW, HEX FLANGE M08-1.25 X 25	2	
Y	95365094	ELBOW, 9/16-18 X -4 JIC	1	
Z	35282920	HOSE, -4 JIC	1	
A1	22228720	STRAP, GUARD	2	

SERVICE AIR COMPLETE

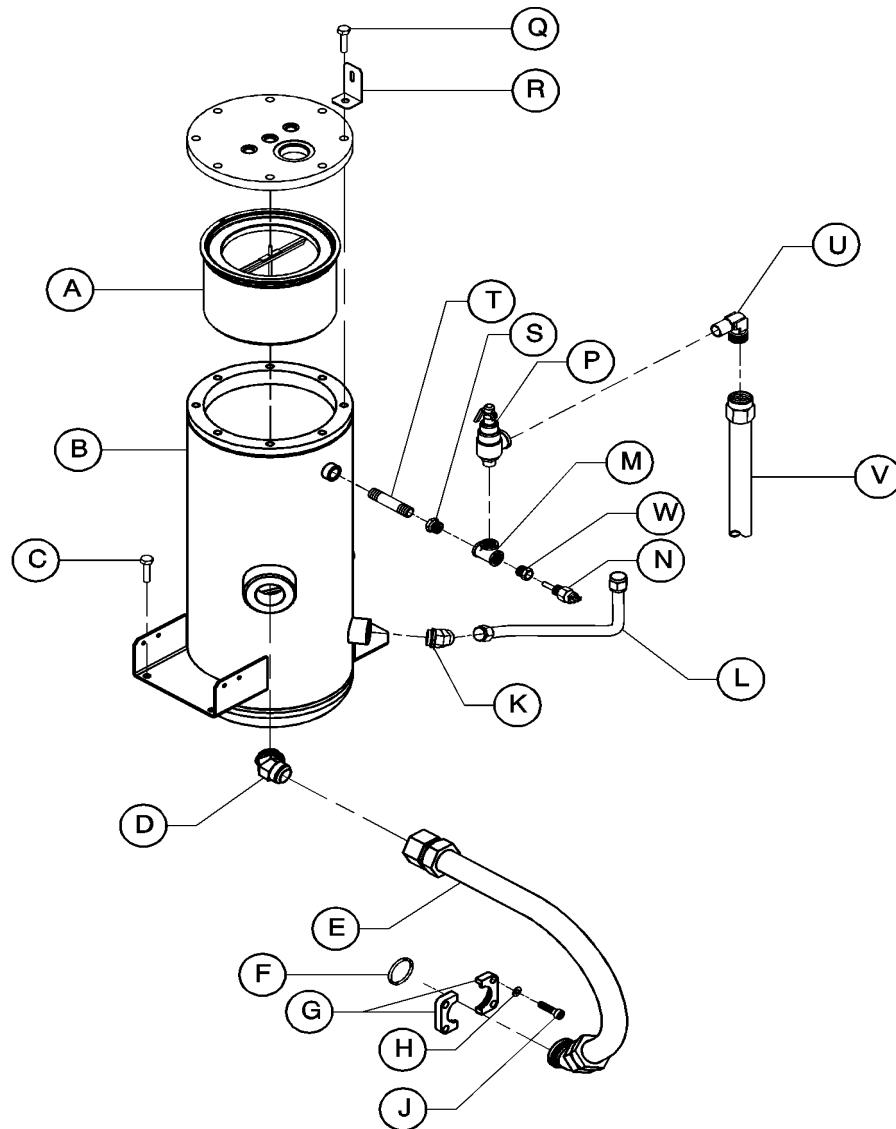
SERVICE AIR COMPLETE



22557896_045_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35581792	VALVE, BALL 1/2 NPT	1	
B	95934279	NIPPLE, CLOSE 1/2 NPT X 1.12"	1	
C	95928164	ELBOW, STREET 1/2 NPT X 90	1	
D	95097291	NIPPLE, PIPE 2.0 X 2.50"	2	
E	95944641	ADAPTER, 2.5-12 X 2.0 NPTF	1	
F	22217848	VALVE, MINIMUM PRESSURE	1	
G	95285615	NIPPLE, PIPE 2.0 X 5.5	1	
H	95916281	ELBOW, 2.0 NPT	1	
J	35335124	CONNECTOR, MALE -32 X 2.0 NPT	1	
K	22055719	TUBE, SERVICE	1	
L	36877793	SCREW, HEX FLANGE M12-1.75 X 40	4	
M	95941639	PLUG, SQ HD 1.5 NPT	1	
N	95357976	O-RING	1	
P	35279025	SCREW, TAPPING M08-1.25 X 20	4	
Q	22055727	TUBE, BOTTOM SERVICE	1	
R	35602473	VALVE, 2" BALL	1	
S	95280541	PLUG, HEX SOCKET 1.06-12	1	
T	36795680	VALVE, 3/4" BALL	1	

SEPARATOR TANK PIPING

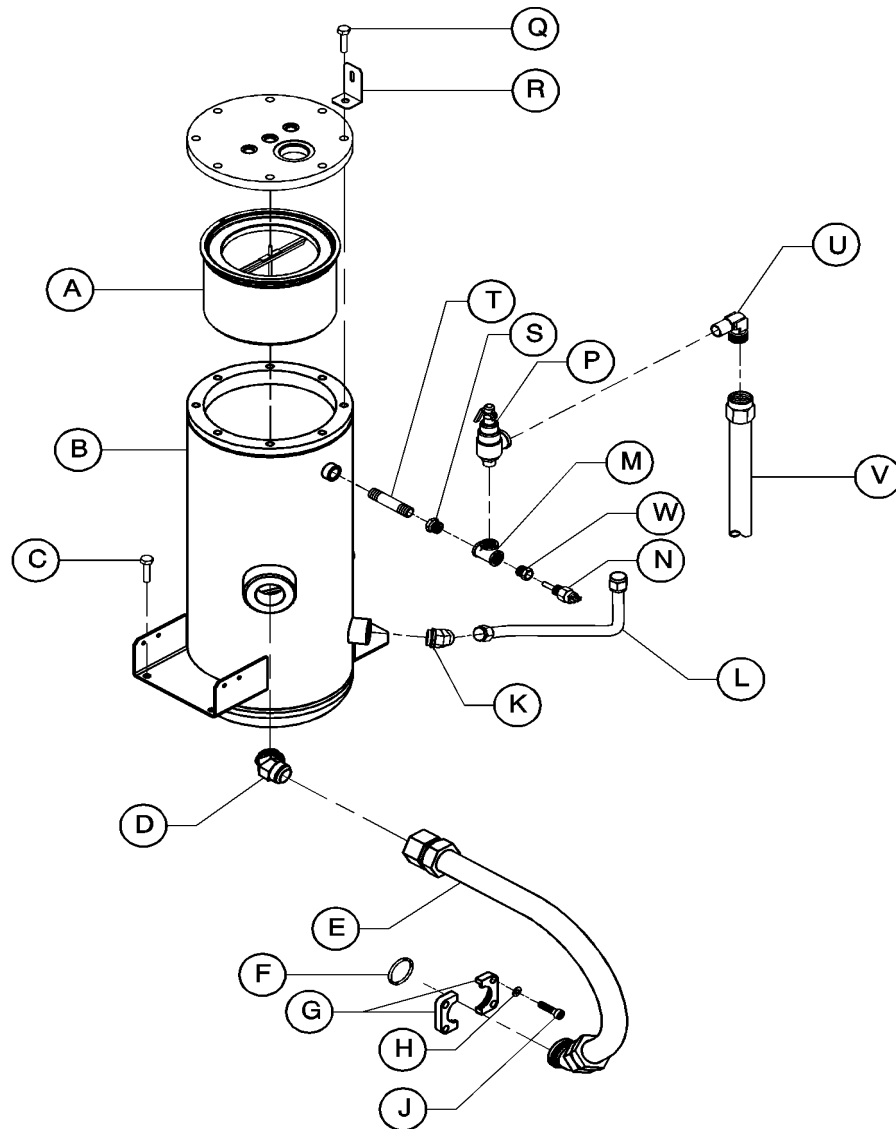


22557896_046_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22111975	ELEMENT, SEPARATOR	1	
B	22331870	TANK, SEPARATOR	1	
C	36888055	SCREW, HEX FLANGE M12-1.75 X 30	4	
D	95944732	ELBOW, 45 X 2.5-12 SAE	1	
E	54688015	HOSE, DISCHARGE	1	
F	95357976	O-RING	1	
G	35292143	FLANGE, HALF	2	
H	95934683	WASHER, LOCK	4	
J	96719810	SCREW, HEX M14-2.0 X 40	4	
K	95992632	ELBOW, 45 X 1.31 SAE	1	
L	35132877	TUBE, OBTV TO SEPARATOR TANK	1	
M	95954228	TEE, 1.0 NPT	1	P600, 7/170
	95954210	TEE, 3/4 NPT	1	HP450, 10/125,VHP400, 14/115

SEPARATOR TANK PIPING

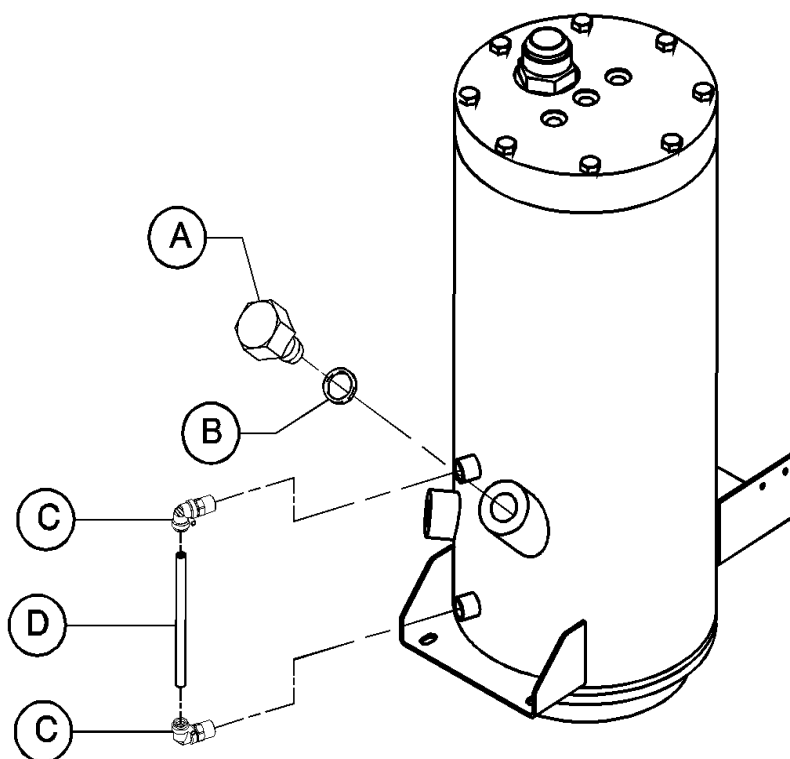
SEPARATOR TANK PIPING



22557896_046_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	36898922	SWITCH, ALARM	1	
P	22216360	VALVE, SAFETY 150 PSI	1	P600, 7/170
	54731443	VALVE, SAFETY 200 PSI	1	HP450, 10/125
	54731450	VALVE, SAFETY 250 PSI	1	VHP400, 14/115
Q	96757557	SCREW, HEX FLANGE M16-2.0 X 60	8	
R	36785012	BRACKET, SEPARATOR TANK LIFT	2	
S	95944617	BUSHING, REDUCING 1.0" X 3/4" NPT	1	P600, 7/170
T	95928040	NIPPLE, 3/4" NPT CLOSED	1	
U	95286548	ELBOW, 1.25 NPT X -16 JIC	1	P600, 7/170
	95219853	ELBOW, 1.0" NPT X -16 JIC	1	HP450, 10/125,VHP400, 14/115
V	22226906	TUBE, SAFETY VALVE	1	
W	95932802	BUSHING, REDUCING 1.0" X 3/8" NPT	1	P600, 7/170
	95953956	BUSHING, REDUCING .75" X 3/8" NPT	1	HP450, 10/125,VHP400, 14/115

 SEPARATOR TANK OIL FILL

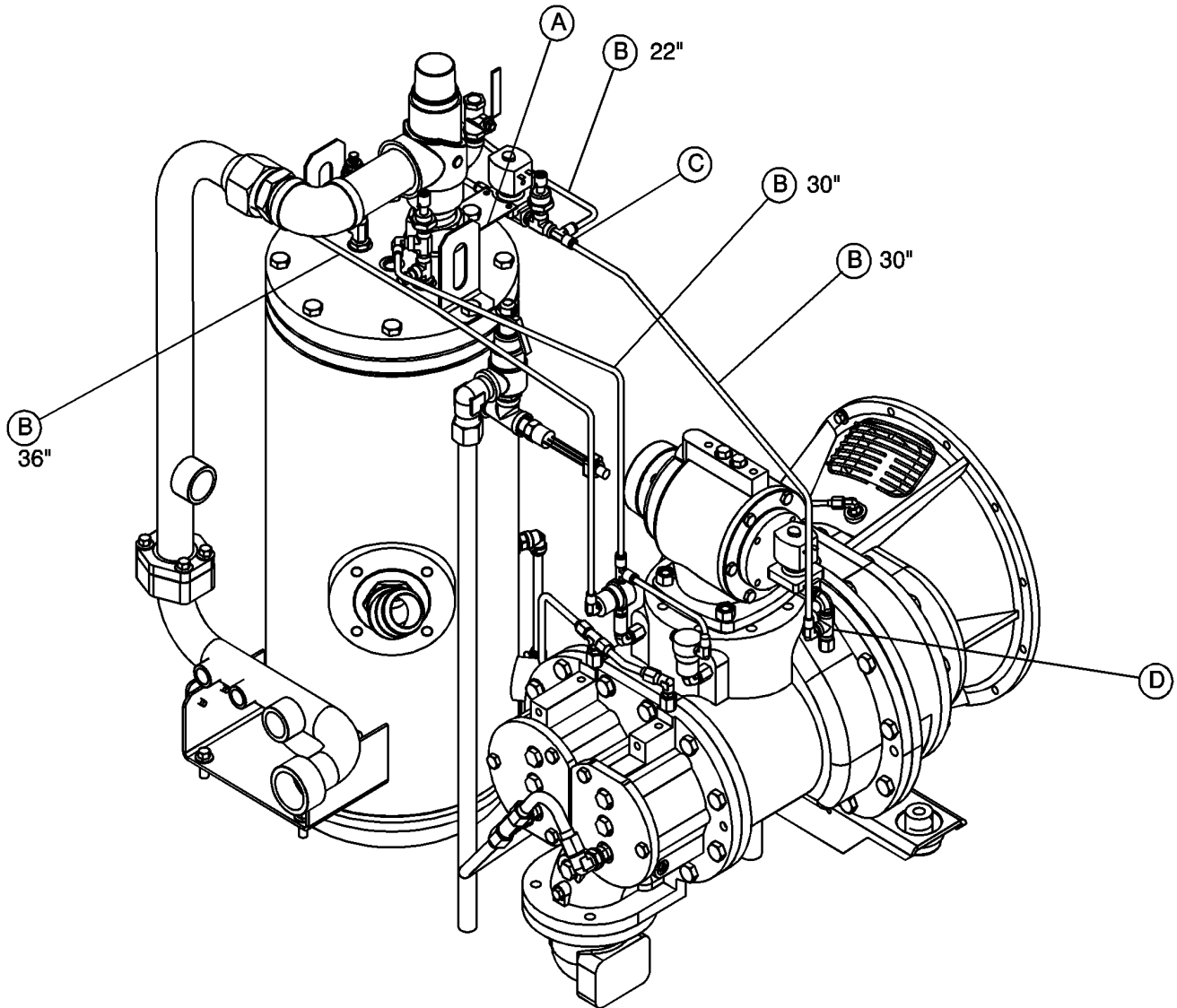


22557896_047_11/04_A

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

AIR PIPING

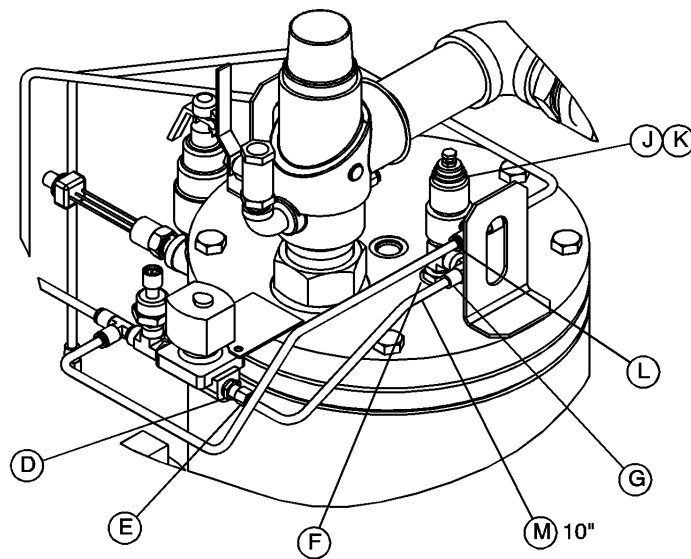
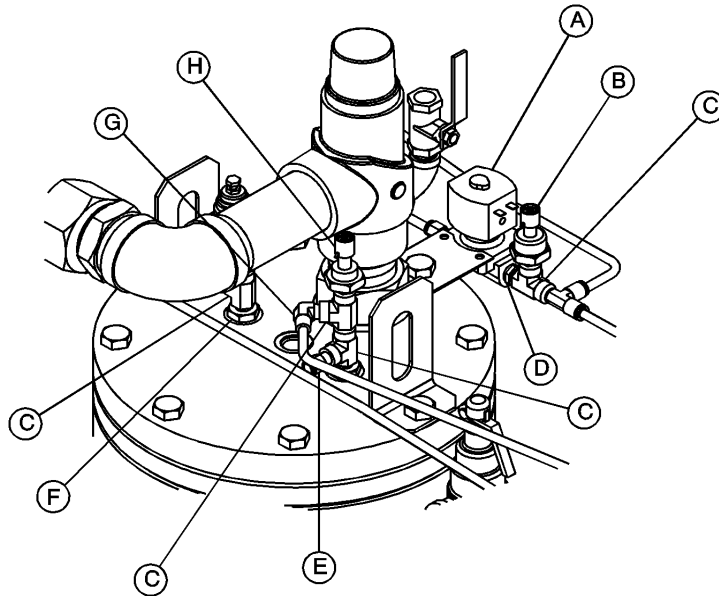
AIR PIPING



22557896_048_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36892669	BRACKET, SOLENOID	1	SEE LENGTH ABOVE
B	35356484	TUBING, 3/8" SYNPLEX	~	
C	35369503	TEE, STREET 1/4 NPT X 3/8 TUBE	1	
D	95954194	TEE, 1/4 NPT FEMALE	1	

AIR PIPING

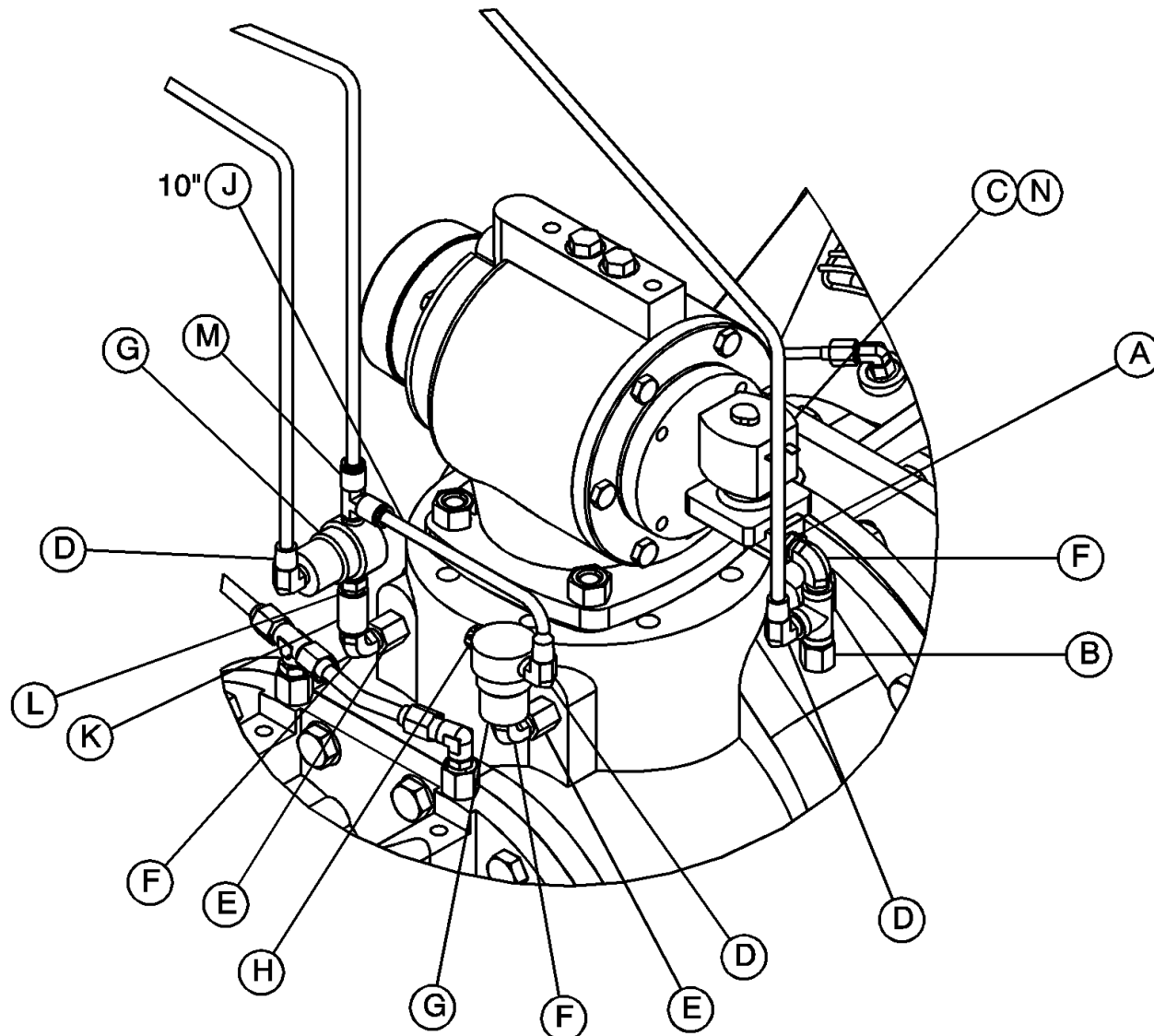


22557896_049_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36840841	VALVE, SOLENOID 24V	1	SEE LENGTH ABOVE
B	36920825	TRANSDUCER, 0-100 PSI	1	
C	35114545	TEE, STREET 1/4 NPT	4	
D	95940748	BUSHING, REDUCING 3/8 NPT X 1/4 NPT	2	
E	35369347	CONNECTOR, 1/4 NPT X 3/8 TUBE	2	
F	95773032	ADAPTER, FEMALE 7/8-14 X 1/4 NPT	2	
G	35369354	ELBOW, 1/4 NPT	2	
H	54765946	TRANSDUCER, 0-500 PSI	1	
J	36854149	REGULATOR, PRESSURE	1	
K	95944575	NIPPLE, 1.4 NPT X 7/8"	1	
L	35373976	TEE, MALE RUN 1/4 NPT X 3/8 TUBE	1	
M	35356484	TUBING, 3/8" SYNFLEX	~	

AIR PIPING

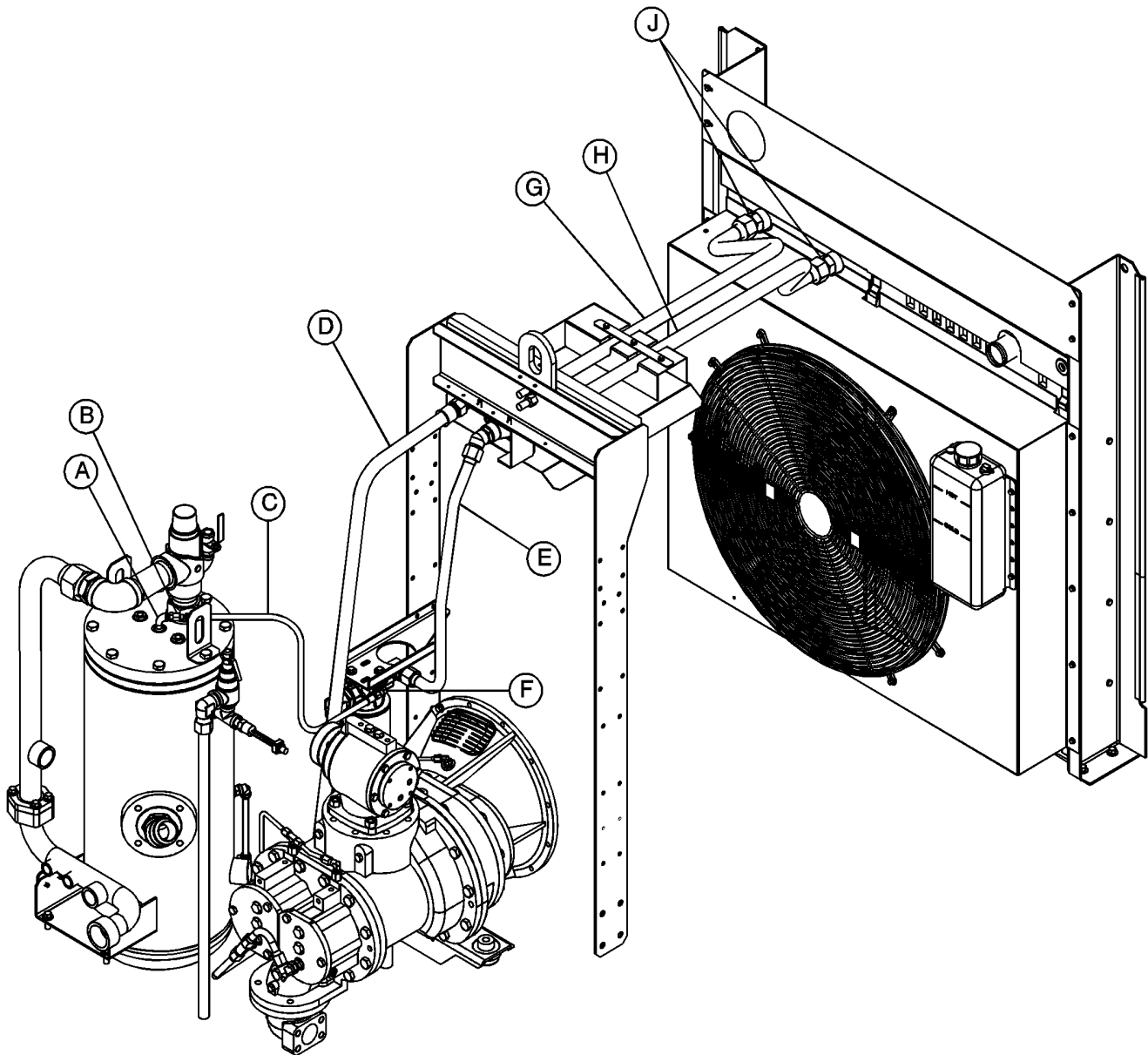
AIR PIPING



22557896_050_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95940748	BUSHING, REDUCING 3/8 NPT X 1/4 NPT	1	SEE LENGTH ABOVE
B	35322346	ORIFICE, .156	1	
C	95092318	NIPPLE, 3/8 NPT X1"	1	
D	35369354	ELBOW, 1/4 NPT X 3/8 TUBE	3	
E	35302314	ADAPTER, 9/16-18 X 1/4 NPT	2	
F	95364469	ELBOW, 1/4 NPT	3	
G	35322379	VALVE, BLOWDOWN	2	
H	36766756	MUFFLER, ORIFICE .140	1	
J	35356484	TUBING, 3/8" SYN FLEX	~	
K	95952990	COUPLING, 1/4 NPT X 1.12"	1	
L	35248145	VALVE, 1/4" CHECK	1	
M	35373976	TEE, STREET 1/4 NPT X 3/8 TUBE	1	
N	36840841	VALVE, SOLENOID 24V	1	

OIL PIPING

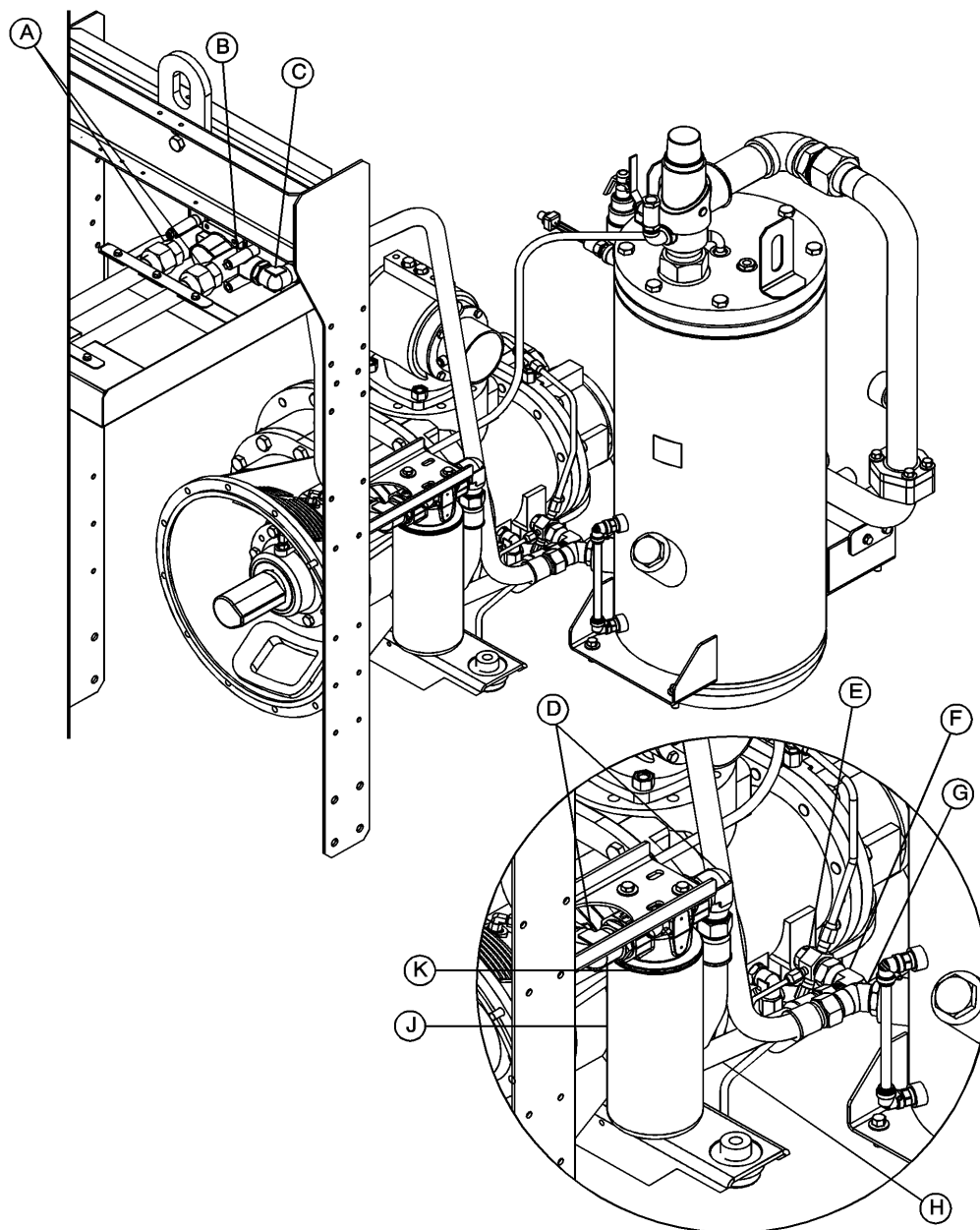


22557896_051_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95944666	ELBOW, STREET 1/4 NPT X 90	1	
B	36840411	VALVE, CHECK	1	
C	35282920	HOSE, -4 JIC X 30"	1	
D	35132877	HOSE, -16 JIC X 69"	1	
E	22165369	TUBE, BY-PASS VALVE	1	
F	95365094	ELBOW, 9/16-18 X -4 JIC	1	
G	22185797	TUBE, OIL COOLER	1	
H	22185789	TUBE, OIL COOLER	1	
J	95315289	CONNECTOR, 1.31-12 X 1.62-12	2	

OIL PIPING

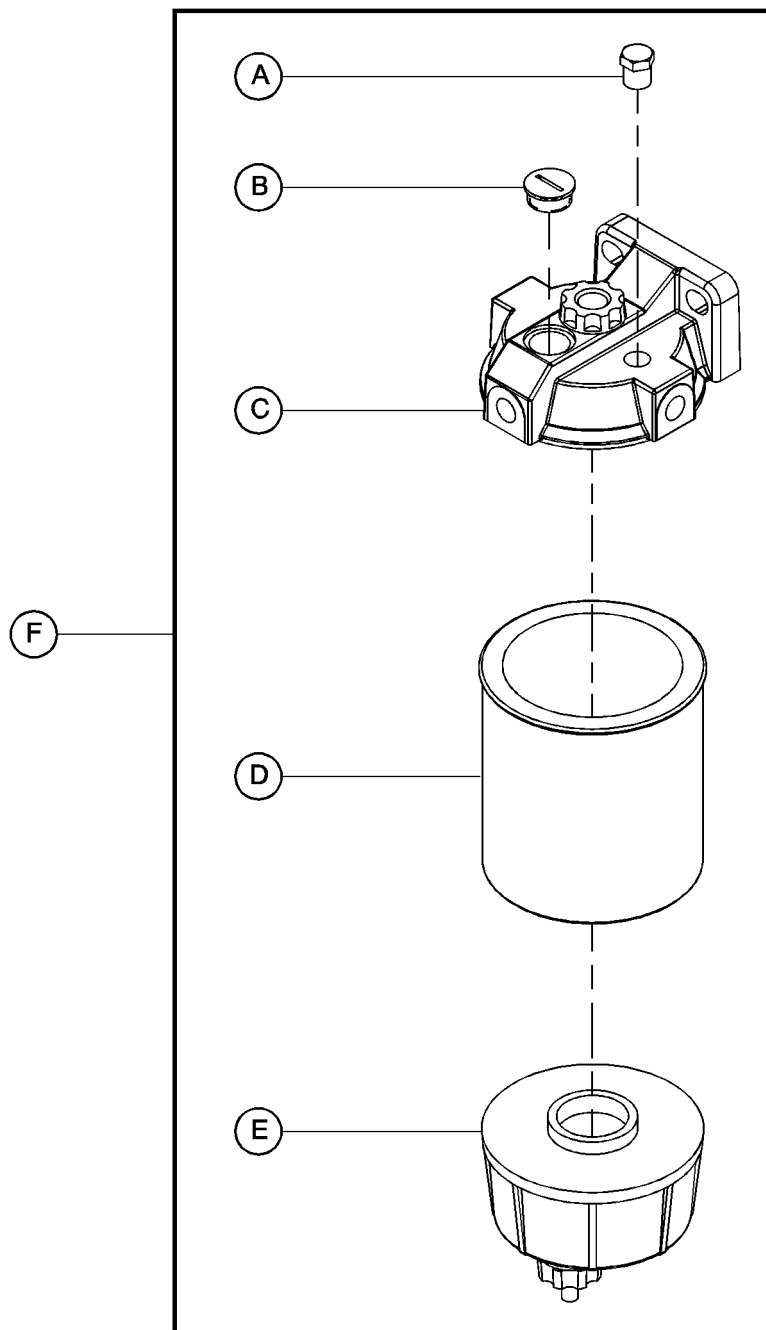
OIL PIPING



22557896_052_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95315289	CONNECTOR, 1.31-12 X 1.62-12	2	
B	54414420	VALVE, OIL TEMPERATURE BY-PASS	1	
C	95928171	ELBOW, 90 X 1.31 SAE	1	
D	95376133	ELBOW, 1.63 -12	1	
E	36845154	MANIFOLD, OIL	1	
F	35292051	ELBOW, 90 SWIVEL NUT -16 JIC	1	
G	95992632	ELBOW, 45 X 1.31 SAE	1	
H	35231455	HOSE, -16 JIC	1	
J	36897346	ELEMENT, OIL FILTER	1	
K	36897437	HEAD, OIL FILTER	1	

FUEL / WATER FILTER

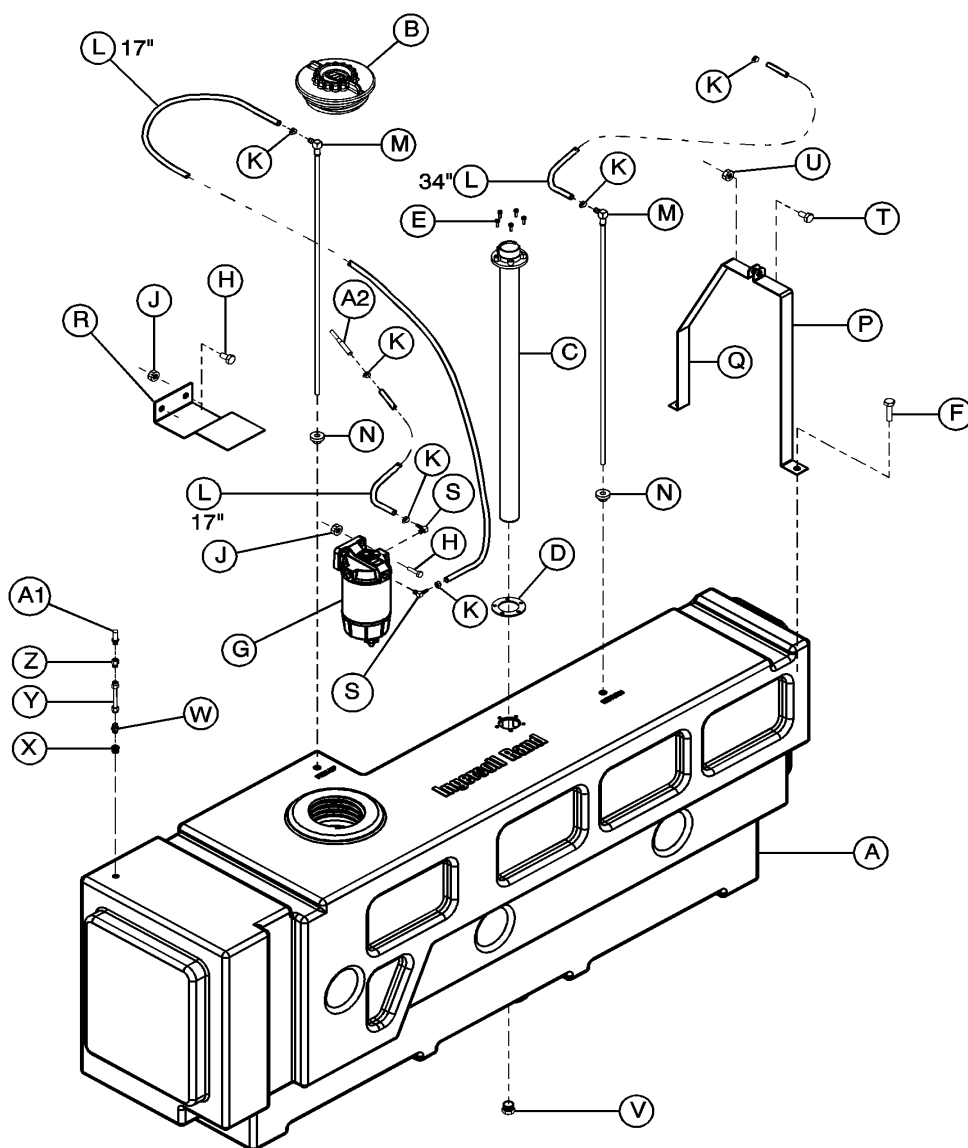


22557896_053_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54480520	PLUG, VENT	~	INCLUDED ITEM F
B	35358381	COVER, CHECK BALL	~	INCLUDED ITEM F
C	54480512	HEAD	~	INCLUDED ITEM F
D	54468178	ELEMENT ASM.	~	INCLUDED ITEM F
E	54480504	BOWL	~	INCLUDED ITEM F
F	54468160	FILTER, FUEL/WATER SEPARATOR	1	

FUEL TANK COMPLETE

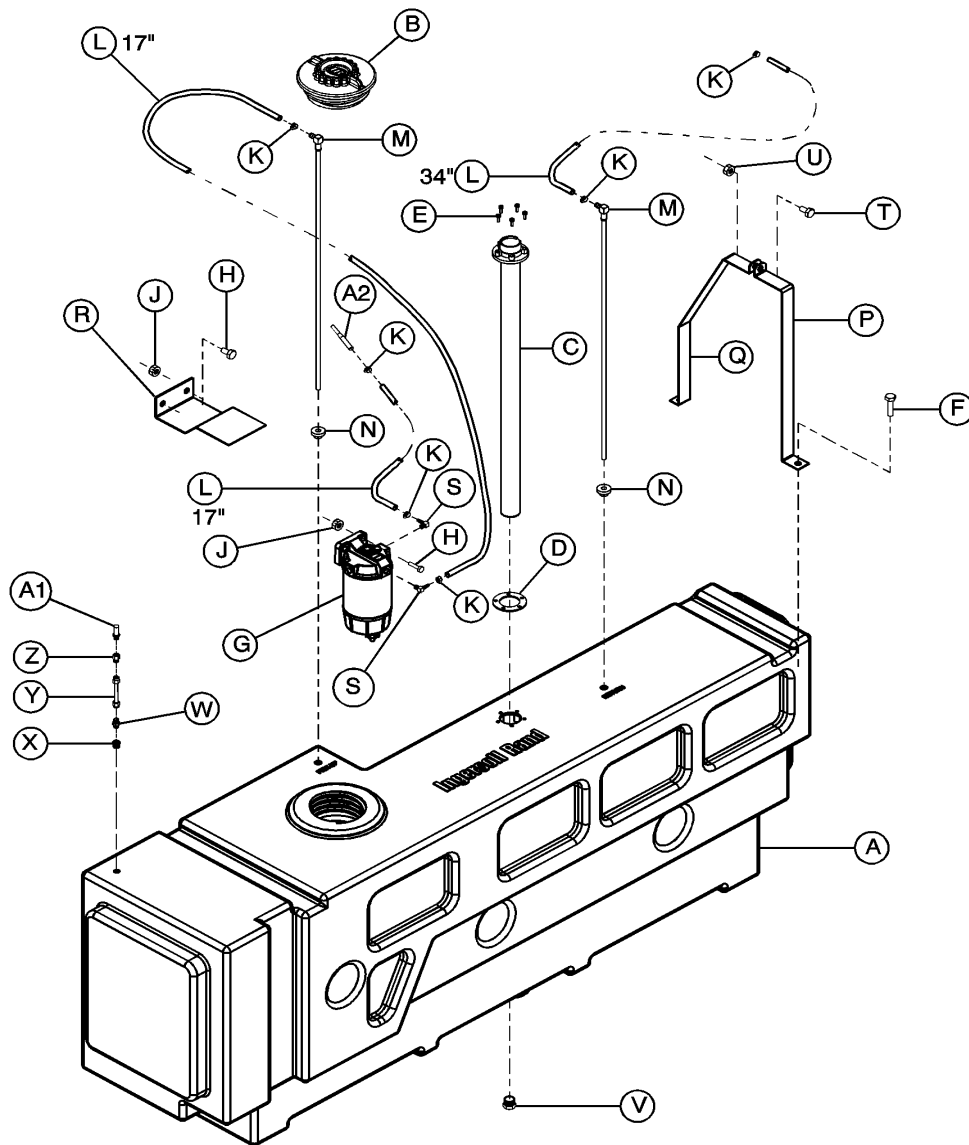
FUEL TANK COMPLETE



22557896_054_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54774260	TANK, FUEL	1	
B	54660089	CAP, FUEL TANK	1	
C	54731427	SENDER, FUEL LEVEL	1	
D	35361849	GASKET, FUEL SENDER	1	
E	95946532	SCREW, HEX #10-32 X 1/2"	5	
F	35279025	SCREW, TAPPING M08-1.25 X 20	4	
G	54468160	SEPARATOR, FUEL/WATER	1	
H	36889608	SCREW, HEX FLANGE M08-1.25 X 25	4	
J	36881886	NUT, HEX FLANGE M08-1.25	4	
K	35296342	CLAMP, WORM GEAR	6	
L	35363498	HOSE, 5/16" FUEL	~	SEE LENGTHS ABOVE
M	54675863	STANDPIPE ASM.	2	INCLUDED ITEM L
N	35384577	BUSHING	2	INCLUDED ITEM L

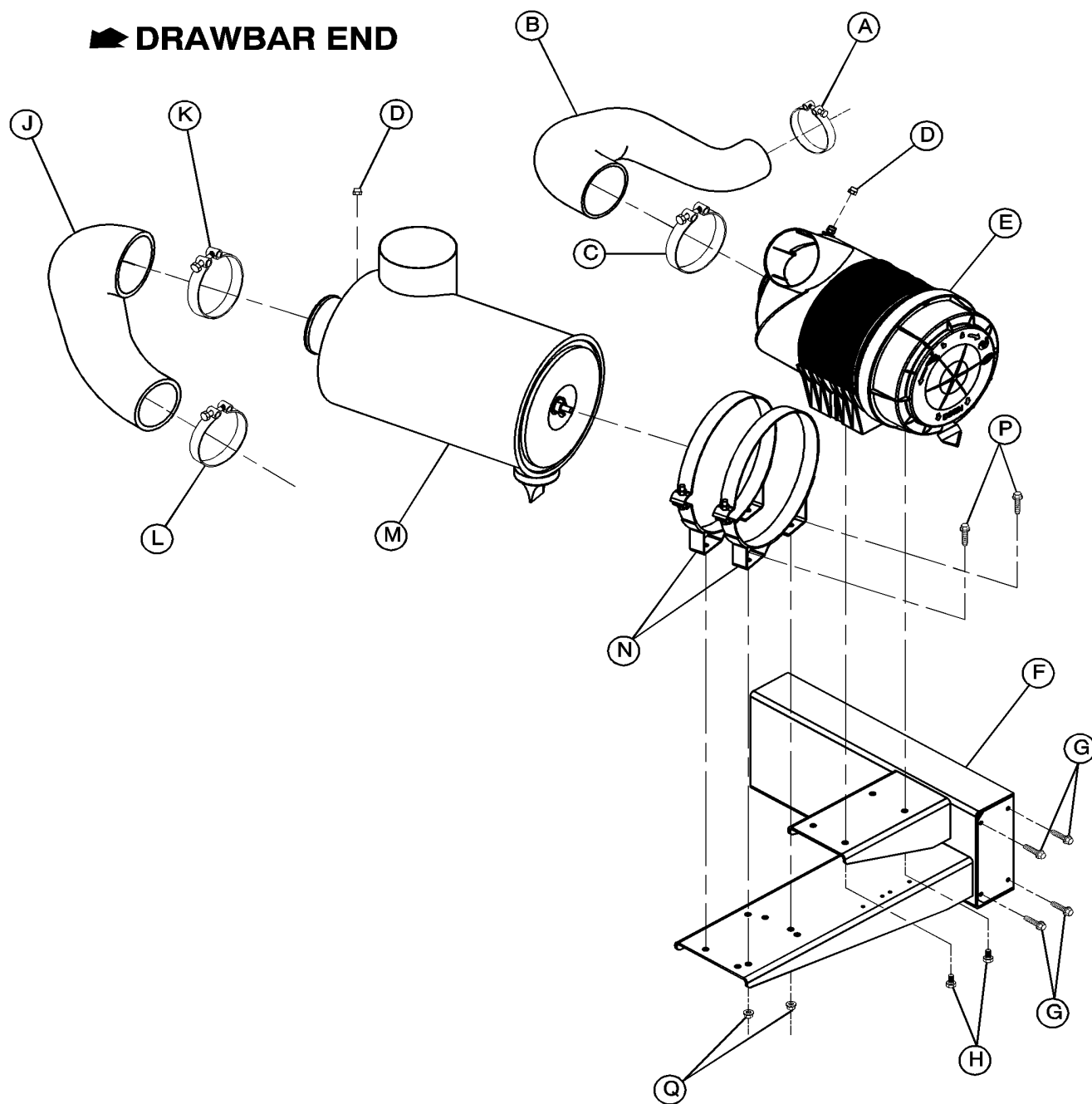
FUEL TANK COMPLETE



22557896_054_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22221022	STRAP, FUEL TANK	1	
Q	22221030	STRAP, FUEL TANK	1	
R	22260038	STRAP, FUEL TANK	1	
S	35378538	ELBOW, BARBED 1/4 NPT	2	
T	95946532	SCREW, HEX M10-1.50 X 30	2	
U	35278530	NUT, HEX NYLOC M10-1.50	2	
V	95280541	PLUG, HEX 1.06-16 SAE	1	
W	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	
X	95940748	BUSHING, REDUCING 3/8 NPT X 1/4 NPT	1	
Y	35356484	TUBING, 3/8\" SYNPLEX	1\"	
Z	35369339	CONNECTOR, FEMALE 1/4 NPT X 3/8 TUBE	1	
A1	35322395	SILENCER, PNEUMATIC 1/4 NPT	1	
A2	36895977	REDUCER, FUEL LINE 5/16 X 1/4	1	

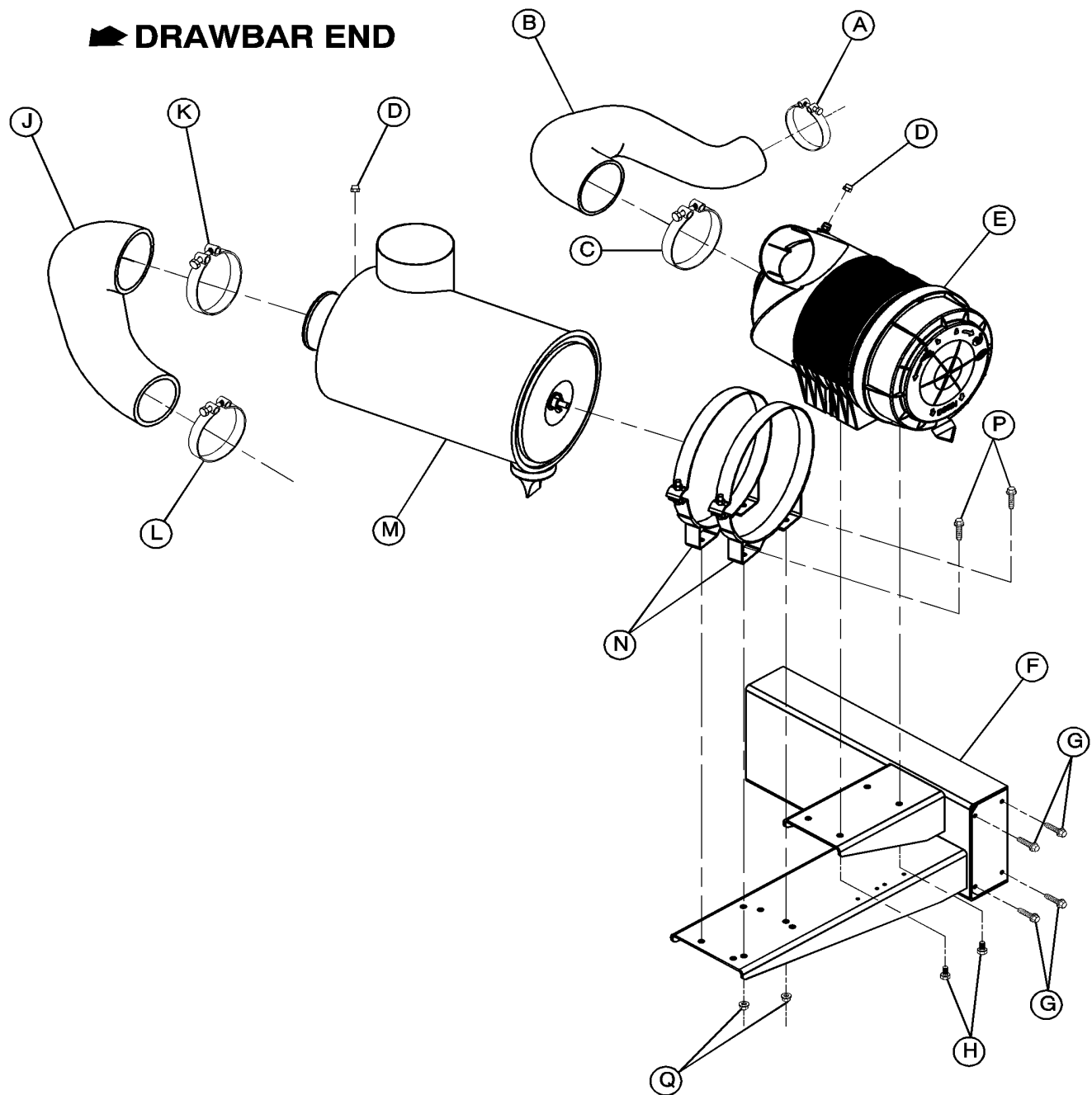
 AIR INTAKE FILTERS (P600 & 7/170)



22557896_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35374073	CLAMP, T-BOLT 3.38"	1	
B	22151161	HOSE, ENGINE INTAKE	1	
C	36897668	CLAMP, T-BOLT 4.62"	1	
D	35314939	INDICATOR, AIR RESTRICTION	2	
E	54661889	CLEANER ASM., AIR	1	
F	22147243	SUPPORT, AIR CLEANER	1	
G	35279025	SCREW, TAPPING M08-1.25 X 20	8	
H	96702048	SCREW, HEX M08-1.25 X 16	4	

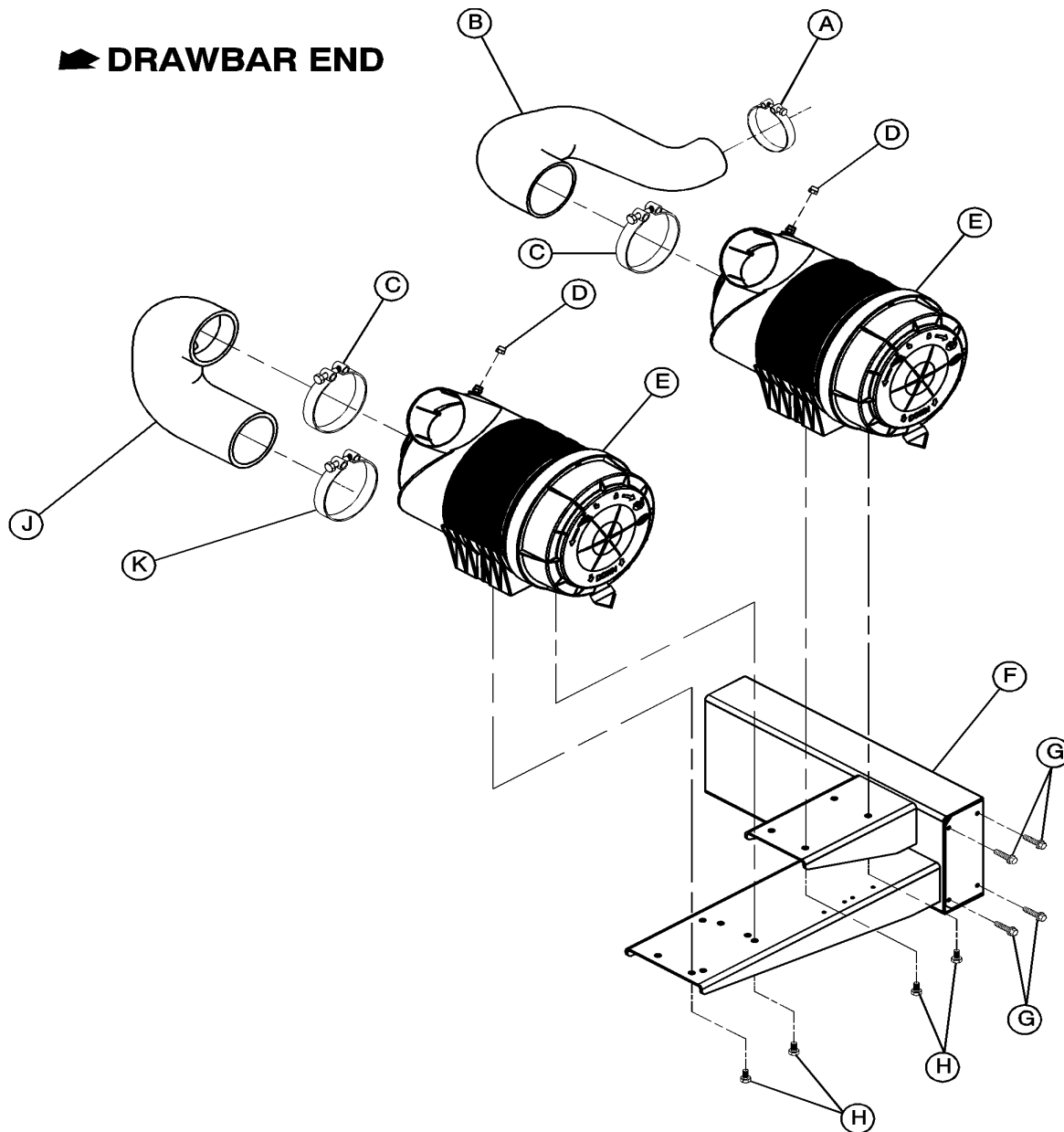
AIR INTAKE FILTERS (P600 & 7/170)



22557896_055_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	22184485	HOSE, AIREND INTAKE	1	
K	35116615	CLAMP, BAND 6.0"	1	
L	35365477	CLAMP, T-BOLT 4.75"	1	
M	22119192	CLEANER ASM., AIR	1	
N	35274711	BAND, AIR CLEANER	2	
P	96702279	SCREW, HEX M10-1.50 X 20	4	
Q	36879195	NUT, HEX FLANGE M10-1.50	4	

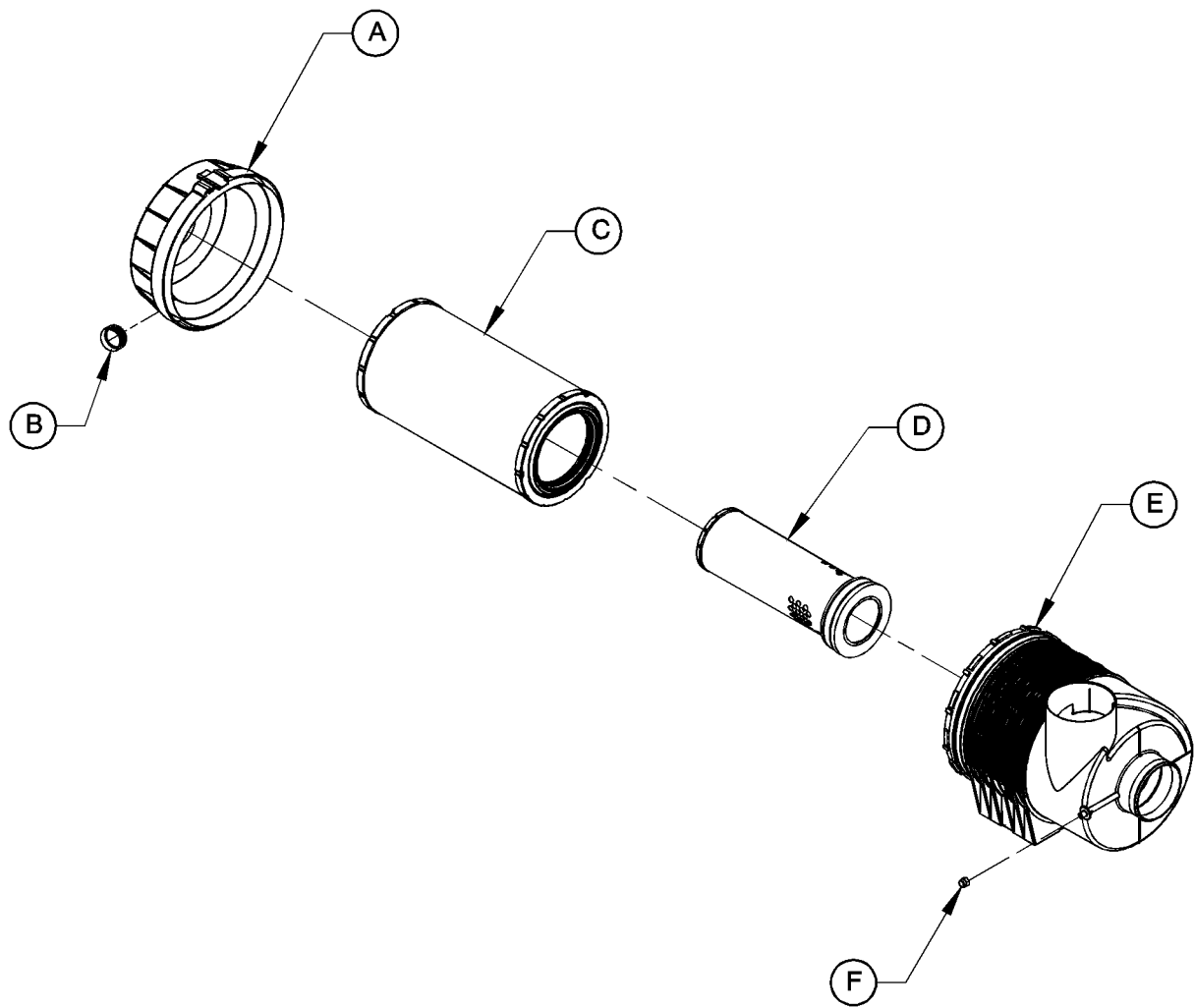
 AIR INTAKE FILTERS (HP450, 10/125, VHP400 & 14/115)



22557896_056_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35374073	CLAMP, T-BOLT 3.38"	1	
B	22151161	HOSE, ENGINE INTAKE	1	
C	36897668	CLAMP, T-BOLT 4.62"	1	
D	35314939	INDICATOR, AIR RESTRICTION	2	
E	54661889	CLEANER ASM., AIR	2	
F	22147243	SUPPORT, AIR CLEANER	1	
G	35279025	SCREW, TAPPING M08-1.25 X 20	8	
H	96702048	SCREW, HEX M08-1.25 X 16	4	
J	22134126	HOSE, AIREND INTAKE	1	
K	35161025	CLAMP, T-BOLT 5.50"	1	

AIR CLEANER ASM.

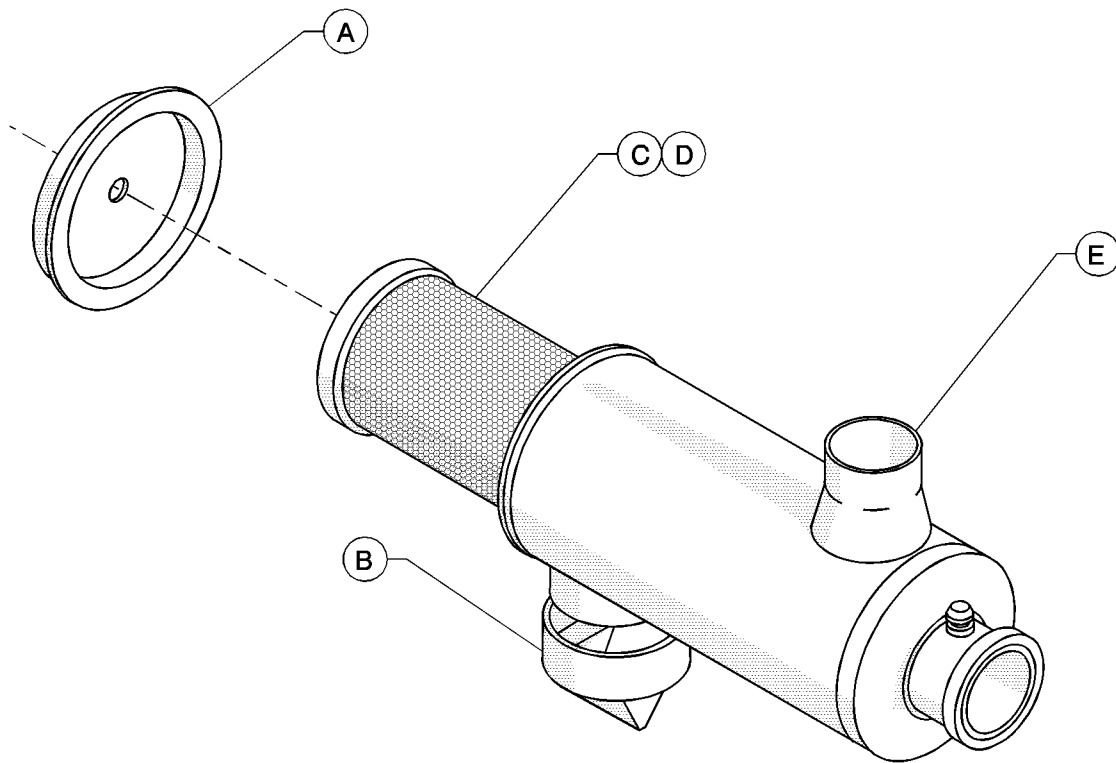


22557896_057_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54692975	COVER, AIR CLEANER	1	OPTIONAL
B	35393677	VALVE, DUST EJECTOR	1	
C	54717145	ELEMENT, PRIMARY	1	
D	54717152	ELEMENT, SAFETY	1	
E	54692967	BODY, AIR CLEANER	1	
F	35393719	PLUG, CAP	1	

AIR CLEANER ASM. (P600-&-7/170)

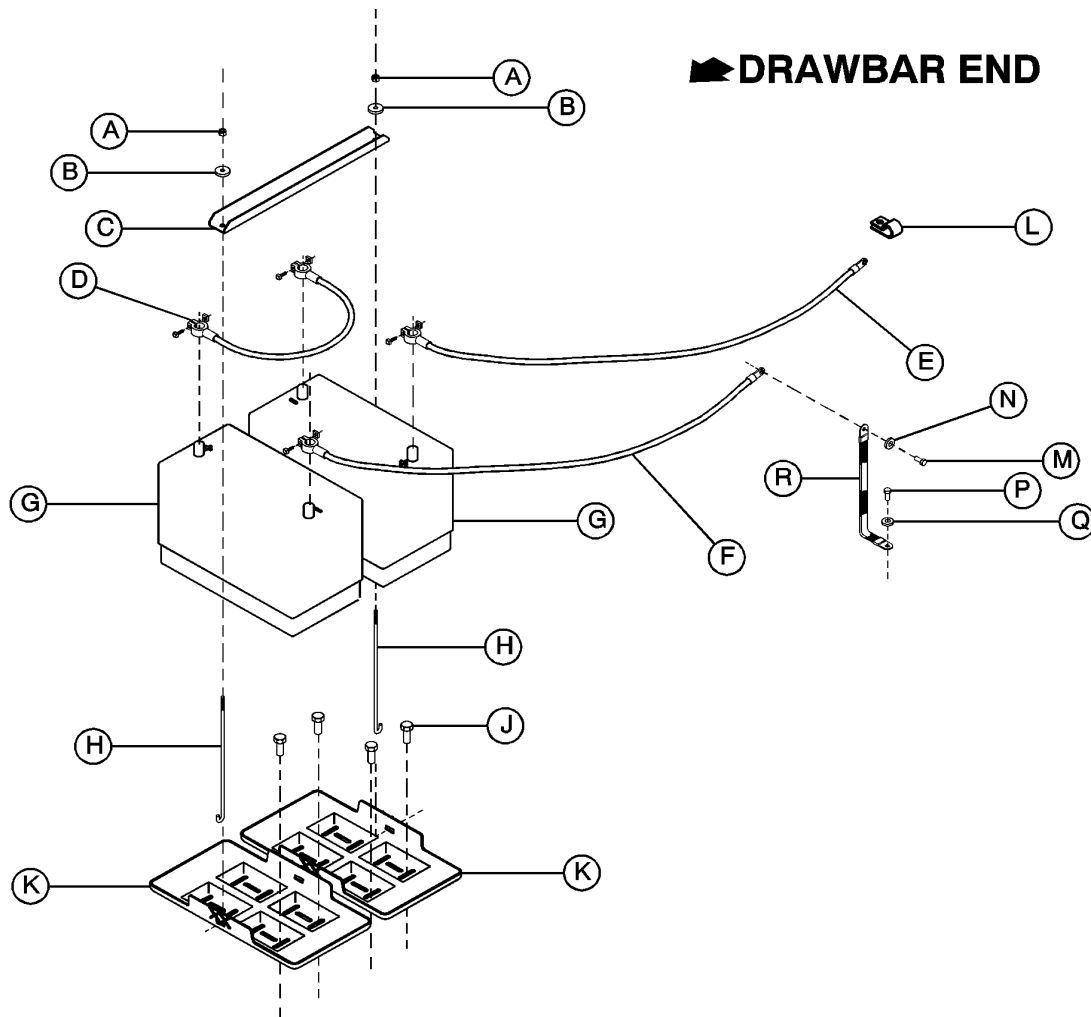
AIR CLEANER ASM. (P600-&-7/170)



22557896_058_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22119184	COVER, AIR CLEANER	1	
B	36867778	VALVE, DUST EJECTOR	1	
C	22119168	ELEMENT, PRIMARY	1	
D	22119176	ELEMENT, SAFETY	1	
E	22119150	BODY, AIR CLEANER	1	

BATTERY ASSEMBLY

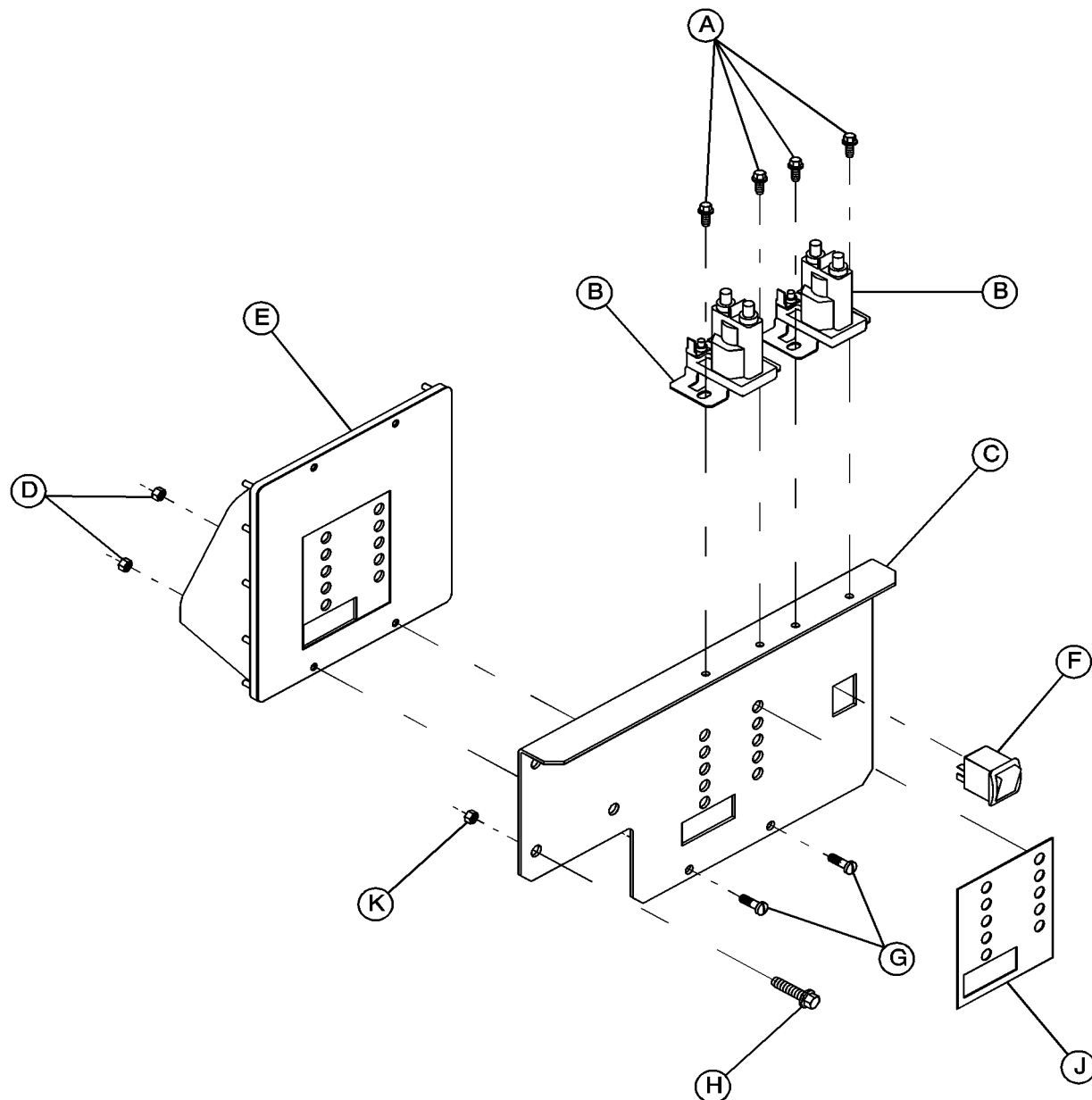


22557896_059_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95923298	NUT, LOCK 1/4-20	2	
B	36853265	WASHER, PLASTIC	2	
C	22128490	HOLD DOWN, BATTER	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, TAPPING M06-1.9 X 12	8	
K	36878064	TRAY, BATTERY	2	
L	35225093	CLAMP, 1/2" SUPPORT	3	
M	96701495	SCREW, HEX M12-1.75 X 25	1	
N	95935003	WASHER, FLAT	1	
P	35134550	SCREW, TAPPING 3/8-16 X 1"	1	
Q	95934998	WASHER, FLAT	1	
R	36783488	STRAP, GROUND	1	

WEDGE CONTROLLER

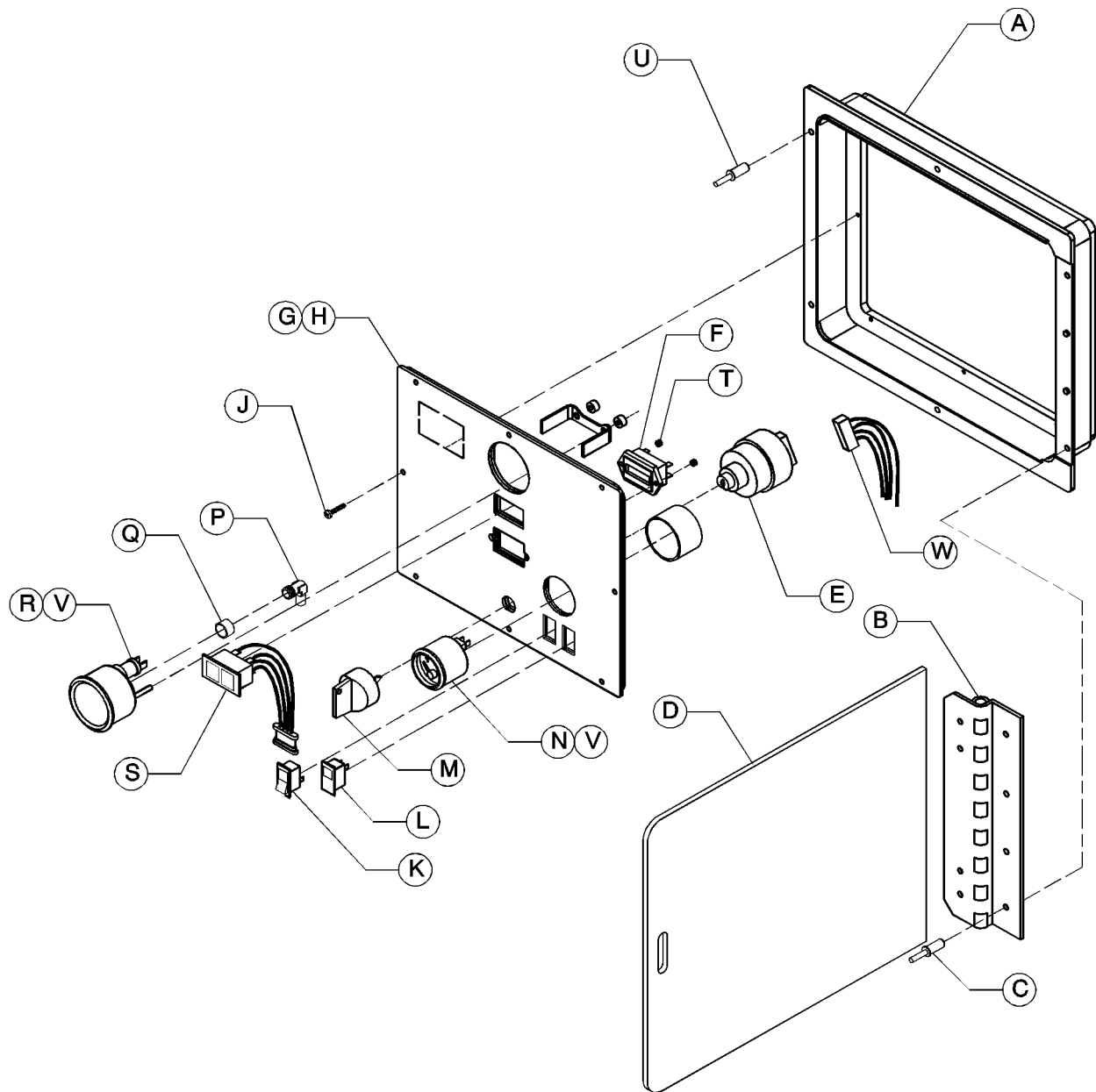
WEDGE CONTROLLER



22557896_060_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36797652	SCREW, TAPPING M06-1.0 X 12	4	
B	36853521	RELAY, 100 A	2	
C	22197776	BRACKET, WEDGE MOUNTING	1	
D	95928800	NUT, HEX LOCK #10-32	4	
E	22173579	WEDGE MODULE	1	
F	54475777	SWITCH, ROCKER	1	
G	36842102	SCREW, HEX #10-32 x 1"	4	
H	36889608	SCREW, HEX M08-1.25 X 25	4	
J	22215354	DECAL, WEDGE	1	
K	36881886	NUT, HEX FLANGE M08-1.25	4	

INSTRUMENT / CONTROL PANEL

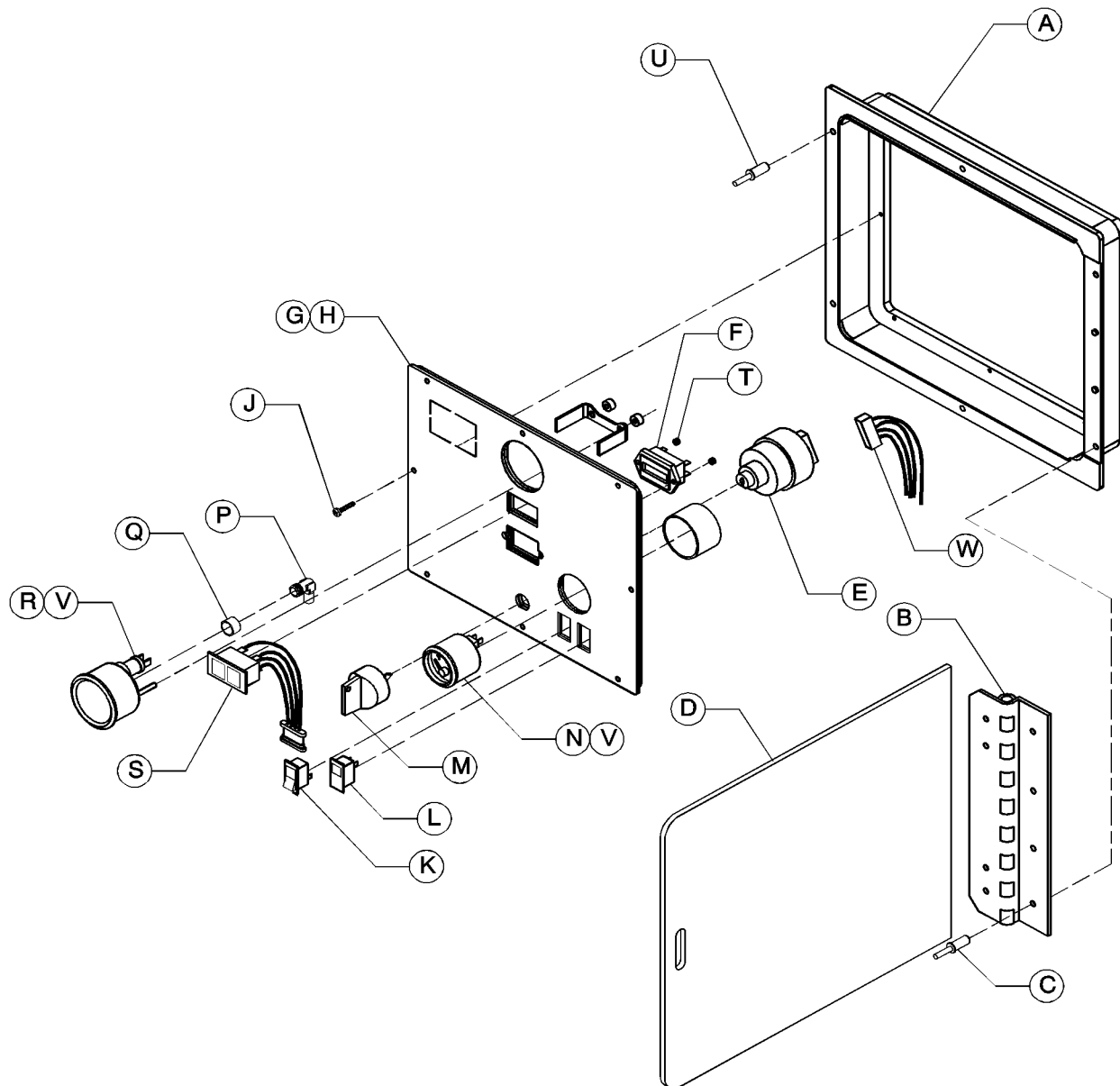


22557896_061_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INSTRUMENT PANEL	1	
B	22107478	HINGE, CONTROL PANEL	1	
C	36877587	RIVET, 3/16" ALUMINUM	4	
D	54743265	DOOR, INSTRUMENT PANEL	1	
E	22127385	SWITCH, IGNITION	1	
F	22054175	METER, ELECT/MECH HOUR	1	
G	22171680	PANEL, INSTRUMENT	1	
H	22171698	DECAL, WW INSTRUMENT PANEL	1	
J	22070494	SCREW, PLASTIC TAPPING	8	
K	22054076	SWITCH, ROCKER	1	LOAD/UNLOAD

INSTRUMENT / CONTROL PANEL

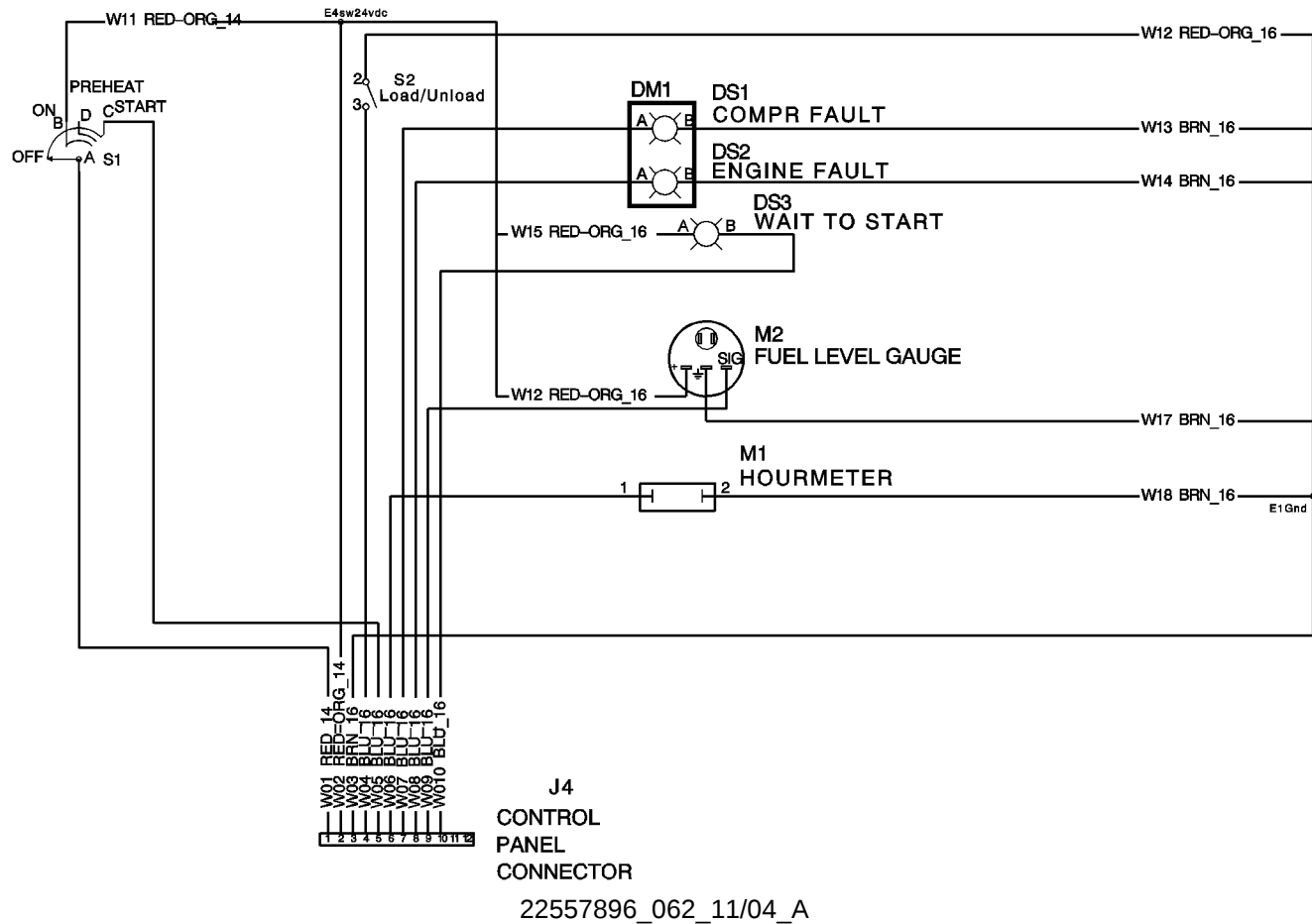
INSTRUMENT / CONTROL PANEL



22557896_061_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	22050553	LIGHT, WARNING	1	INCLUDED w/ ITEM F
M	22134118	KNOB ASM.	*	
N	22050991	GAUGE, FUEL LEVEL	1	
P	35370386	ELBOW, MALE 1/8 NPT X 3/8 TUBE	1	
Q	95935599	COUPLING, STD 1/8 NPT X .75"	1	
R	36891216	GAUGE, 250 PSI PRESSURE	1	
S	22172423	MODULE, 2-LIGHT WARNING	1	
T	22054159	NUT, PLASTIC #4-40	2	
U	36920486	RIVET, 3/16" ALUMINUM	4	
V	22137426	LAMP, 28V	2	
W	22205223	HARNESS, PANEL WIRING	1	

PANEL SCHEMATIC WIRING DIAGRAM



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
DM1	22172423	MODULE, 2-LIGHT WARNING	1	WAIT TO START
DS3	22050553	LIGHT, WARNING	1	
M1	22054175	METER, ELECT/MECH HOUR	1	
M2	22050991	GAUGE, FUEL LEVEL	1	LOAD/UNLOAD
S1	22127385	SWITCH, IGNITION	1	
S2	22054076	SWITCH, ROCKER	1	
W1	22205223	HARNESS, PANEL WIRING	1	

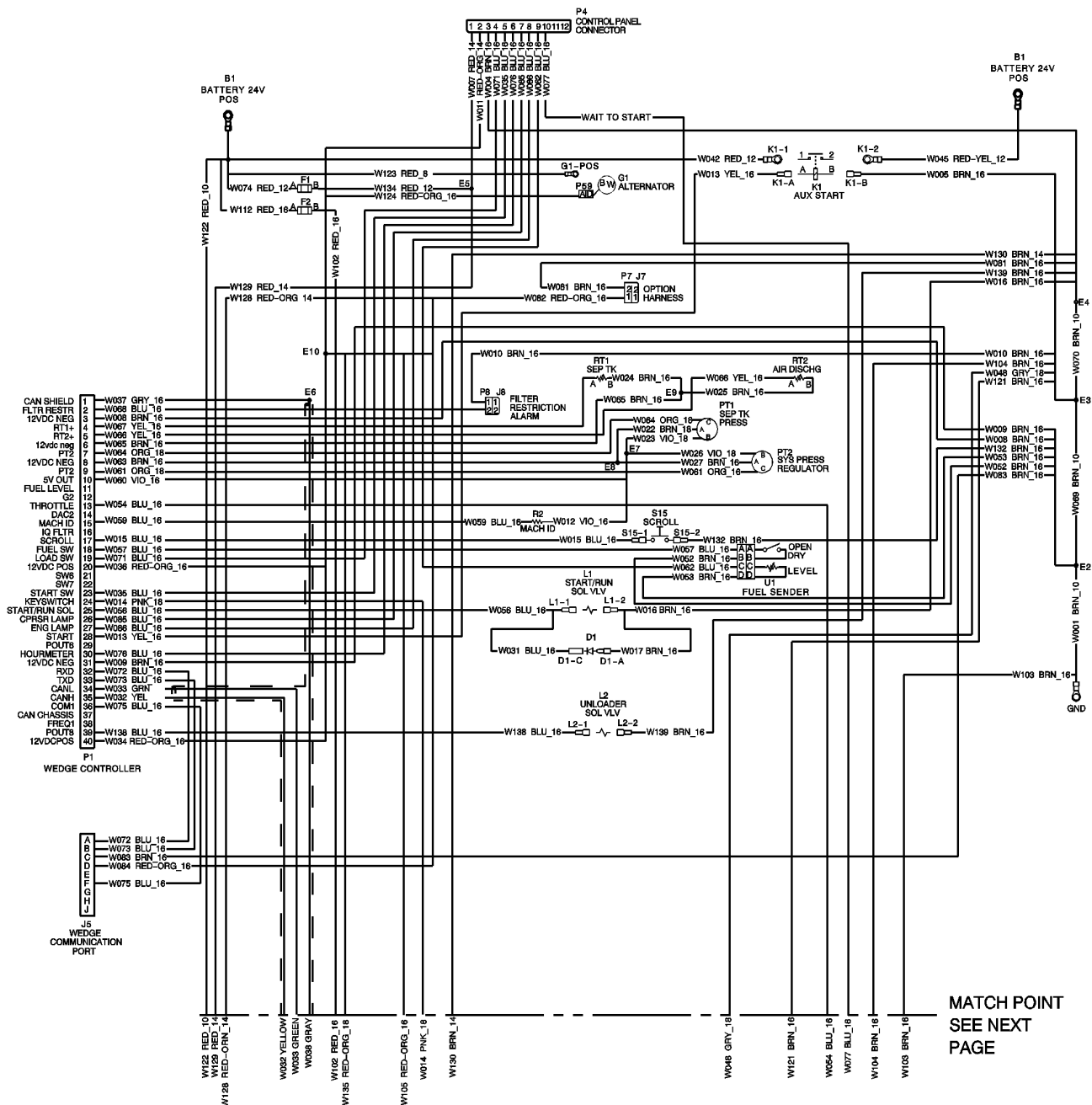
Wiring Diagram Details:

- Control Panel Connector (P4):** 1-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48, 49-50, 51-52, 53-54, 55-56, 57-58, 59-60, 61-62, 63-64, 65-66, 67-68, 69-70, 71-72, 73-74, 75-76, 77-78, 79-80, 81-82, 83-84, 85-86, 87-88, 89-90, 91-92, 93-94, 95-96, 97-98, 99-100, 101-102, 103-104, 105-106, 107-108, 109-110, 111-112, 113-114, 115-116, 117-118, 119-120, 121-122, 123-124, 125-126, 127-128, 129-130, 131-132, 133-134, 135-136, 137-138, 139-140, 141-142, 143-144, 145-146, 147-148, 149-150, 151-152, 153-154, 155-156, 157-158, 159-160, 161-162, 163-164, 165-166, 167-168, 169-170, 171-172, 173-174, 175-176, 177-178, 179-180, 181-182, 183-184, 185-186, 187-188, 189-190, 191-192, 193-194, 195-196, 197-198, 199-200, 201-202, 203-204, 205-206, 207-208, 209-210, 211-212, 213-214, 215-216, 217-218, 219-220, 221-222, 223-224, 225-226, 227-228, 229-230, 231-232, 233-234, 235-236, 237-238, 239-240, 241-242, 243-244, 245-246, 247-248, 249-250, 251-252, 253-254, 255-256, 257-258, 259-260, 261-262, 263-264, 265-266, 267-268, 269-270, 271-272, 273-274, 275-276, 277-278, 279-280, 281-282, 283-284, 285-286, 287-288, 289-290, 291-292, 293-294, 295-296, 297-298, 299-300, 301-302, 303-304, 305-306, 307-308, 309-310, 311-312, 313-314, 315-316, 317-318, 319-320, 321-322, 323-324, 325-326, 327-328, 329-330, 331-332, 333-334, 335-336, 337-338, 339-340, 341-342, 343-344, 345-346, 347-348, 349-350, 351-352, 353-354, 355-356, 357-358, 359-360, 361-362, 363-364, 365-366, 367-368, 369-370, 371-372, 373-374, 375-376, 377-378, 379-380, 381-382, 383-384, 385-386, 387-388, 389-390, 391-392, 393-394, 395-396, 397-398, 399-400, 401-402, 403-404, 405-406, 407-408, 409-410, 411-412, 413-414, 415-416, 417-418, 419-420, 421-422, 423-424, 425-426, 427-428, 429-430, 431-432, 433-434, 435-436, 437-438, 439-440, 441-442, 443-444, 445-446, 447-448, 449-450, 451-452, 453-454, 455-456, 457-458, 459-460, 461-462, 463-464, 465-466, 467-468, 469-470, 471-472, 473-474, 475-476, 477-478, 479-480, 481-482, 483-484, 485-486, 487-488, 489-490, 491-492, 493-494, 495-496, 497-498, 499-500, 501-502, 503-504, 505-506, 507-508, 509-510, 511-512, 513-514, 515-516, 517-518, 519-520, 521-522, 523-524, 525-526, 527-528, 529-530, 531-532, 533-534, 535-536, 537-538, 539-540, 541-542, 543-544, 545-546, 547-548, 549-550, 551-552, 553-554, 555-556, 557-558, 559-560, 561-562, 563-564, 565-566, 567-568, 569-570, 571-572, 573-574, 575-576, 577-578, 579-580, 581-582, 583-584, 585-586, 587-588, 589-590, 591-592, 593-594, 595-596, 597-598, 599-600, 601-602, 603-604, 605-606, 607-608, 609-610, 611-612, 613-614, 615-616, 617-618, 619-620, 621-622, 623-624, 625-626, 627-628, 629-630, 631-632, 633-634, 635-636, 637-638, 639-640, 641-642, 643-644, 645-646, 647-648, 649-650, 651-652, 653-654, 655-656, 657-658, 659-660, 661-662, 663-664, 665-666, 667-668, 669-670, 671-672, 673-674, 675-676, 677-678, 679-680, 681-682, 683-684, 685-686, 687-688, 689-690, 691-692, 693-694, 695-696, 697-698, 699-700, 701-702, 703-704, 705-706, 707-708, 709-710, 711-712, 713-714, 715-716, 717-718, 719-720, 721-722, 723-724, 725-726, 727-728, 729-730, 731-732, 733-734, 735-736, 737-738, 739-740, 741-742, 743-744, 745-746, 747-748, 749-750, 751-752, 753-754, 755-756, 757-758, 759-760, 761-762, 763-764, 765-766, 767-768, 769-770, 771-772, 773-774, 775-776, 777-778, 779-780, 781-782, 783-784, 785-786, 787-788, 789-790, 791-792, 793-794, 795-796, 797-798, 799-800, 801-802, 803-804, 805-806, 807-808, 809-810, 811-812, 813-814, 815-816, 817-818, 819-820, 821-822, 823-824, 825-826, 827-828, 829-830, 831-832, 833-834, 835-836, 837-838, 839-840, 841-842, 843-844, 845-846, 847-848, 849-850, 851-852, 853-854, 855-856, 857-858, 859-860, 861-862, 863-864, 865-866, 867-868, 869-870, 871-872, 873-874, 875-876, 877-878, 879-880, 881-882, 883-884, 885-886, 887-888, 889-890, 891-892, 893-894, 895-896, 897-898, 899-900, 901-902, 903-904, 905-906, 907-908, 909-910, 911-912, 913-914, 915-916, 917-918, 919-920, 921-922,

MATCH POINT
SEE NEXT
PAGE

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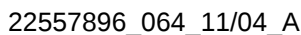
CHASSIS WIRING DIAGRAM



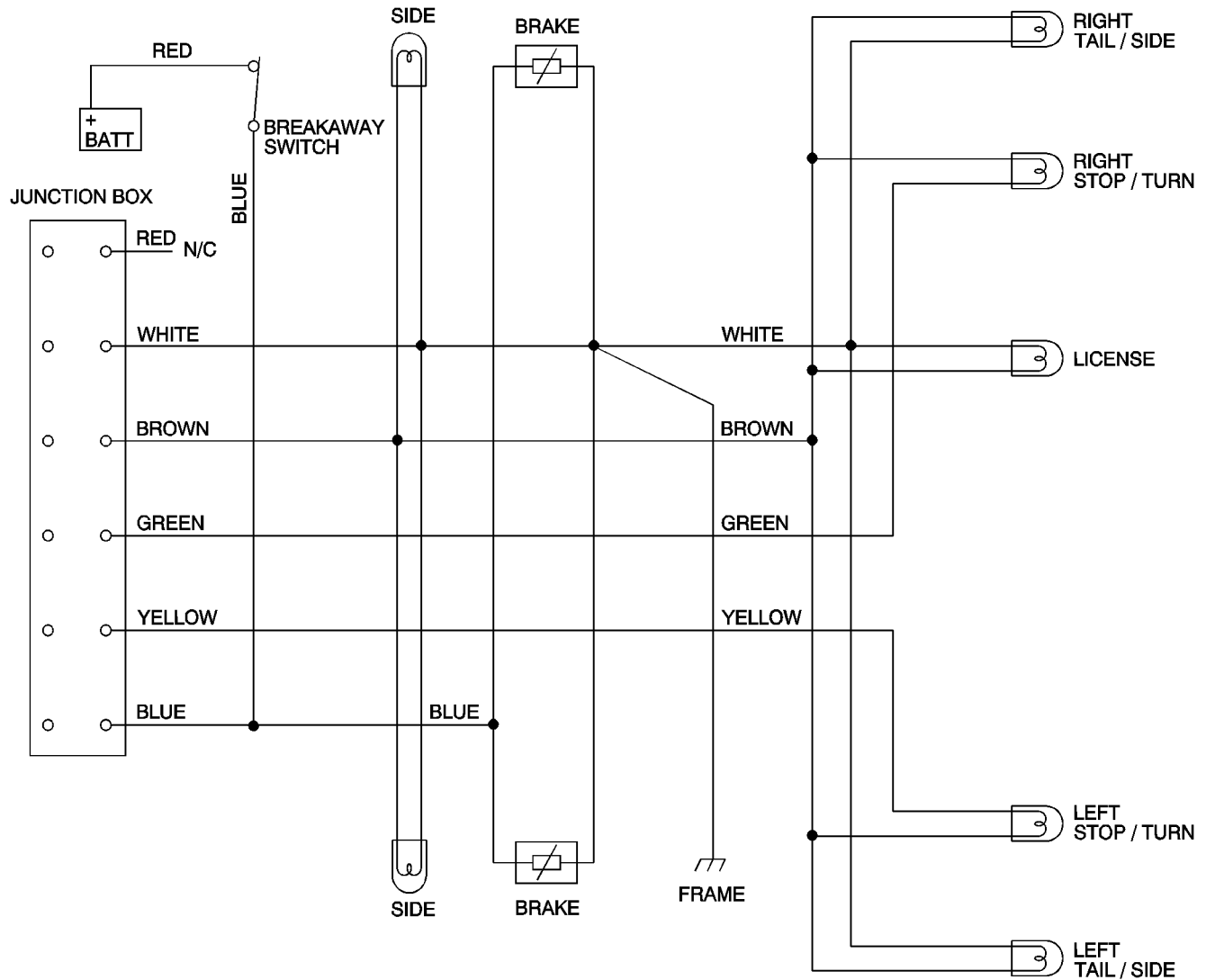
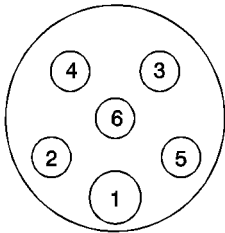
22557896_063_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
PT2	36920825	TRANSDUCER, 0-100 PSI	1	
R2	22201362	RESISTOR, MACHINE ID	1	24.3 K OHM
RT1	54764956	SWITCH, THERMAL	1	SEPERATOR TANK
RT2	54764964	SWITCH, THERMAL	1	DISCHARGE AIR
S15	54475777	SWITCH, MOMENTARY ROCKER	1	SCROLL
U1	35731427	SENDER, FUEL LEVEL	1	
W2	22199061	HARNESS, CHASSIS	1	
W3	22214373	HARNESS, SOLENOID	1	

MATCH POINT
SEE PREVIOUS
PAGE

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TAIL LIGHT WIRING DIAGRAM

PLUG / SOCKET WIRING CONNECTIONS

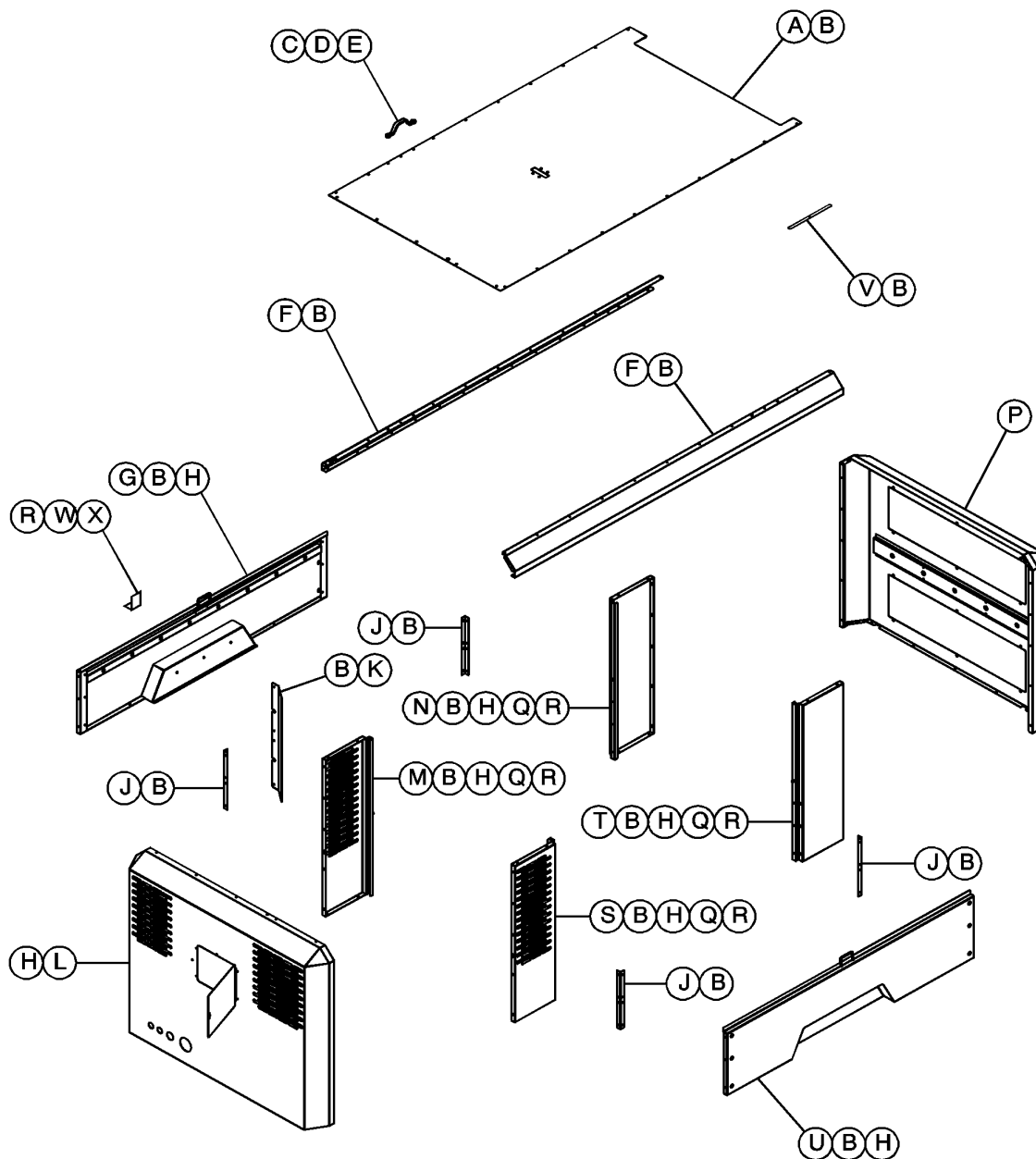
- 1 WHITE - GROUND
- 2 YELLOW - LEFT STOP/TURN SIGNAL
- 3
- 4 GREEN - RIGHT STOP/TURN SIGNAL
- 5 BROWN - TAIL / CLEARANCE LIGHTS
- 6 BLUE - ELECTRIC BRAKES

22557896_065_11/04_A

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

ROOF & SIDE ENCLOSURE

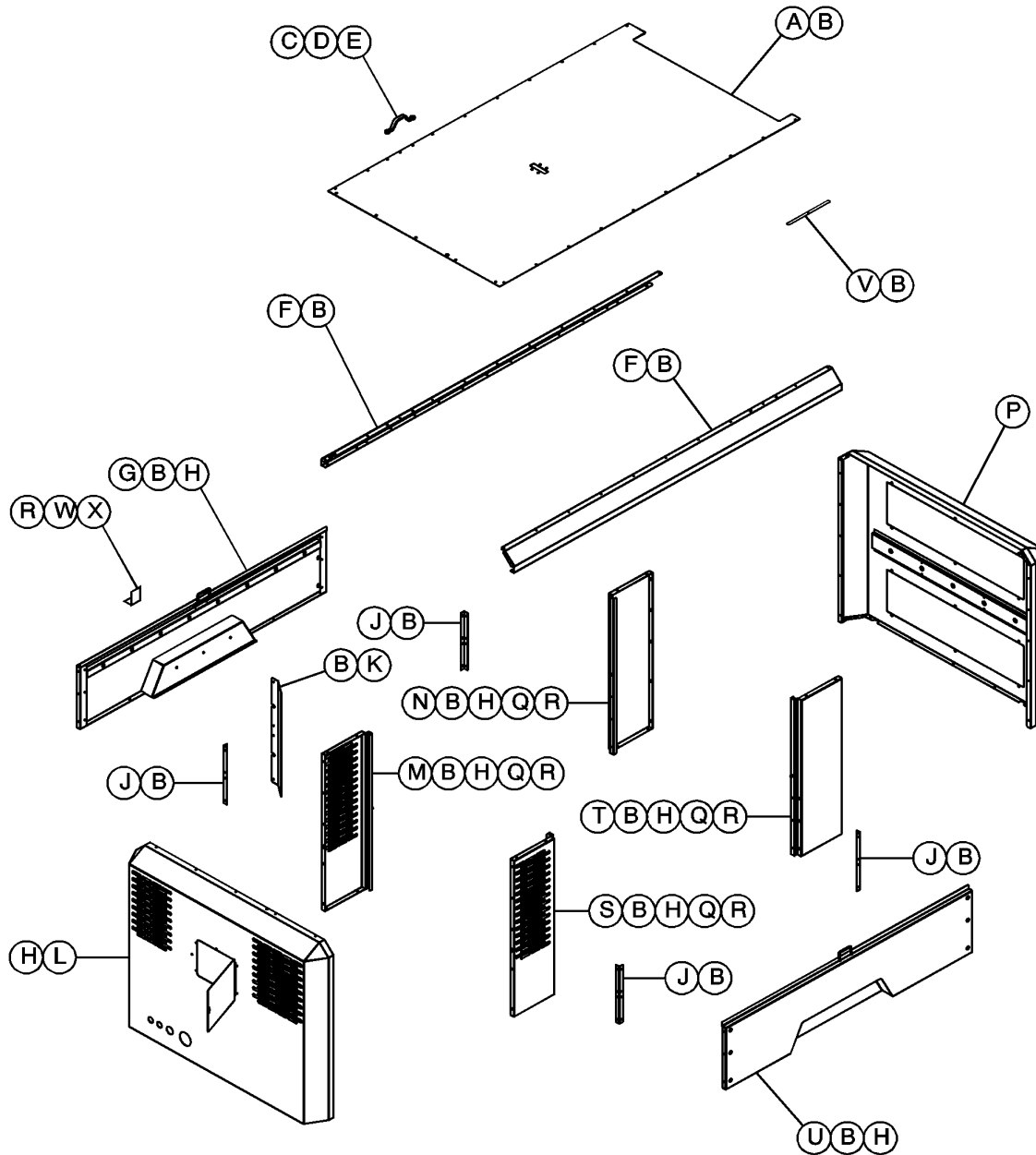
ROOF & SIDE ENCLOSURE



22557896_066_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54739818	PANEL, ROOF	1	STANDARD
	22194716	PANEL, ROOF	1	GALVANNEAL
B	36797652	SCREW, TAPPING M06-1.0 X 12	96	
C	35130707	HOLD, HAND	1	
D	96702659	SCREW, HEX M08-1.25 X 25	2	
E	36895746	NUTSERT, HEX M08-1.25	2	
F	54739800	RAIL, TOP SIDE	2	STANDARD
	22194708	RAIL, TOP SIDE	2	GALVANNEAL
G	54773155	PANEL, SIDE	2	STANDARD
	22194658	PANEL, SIDE	2	GALVANNEAL

 ROOF & SIDE ENCLOSURE

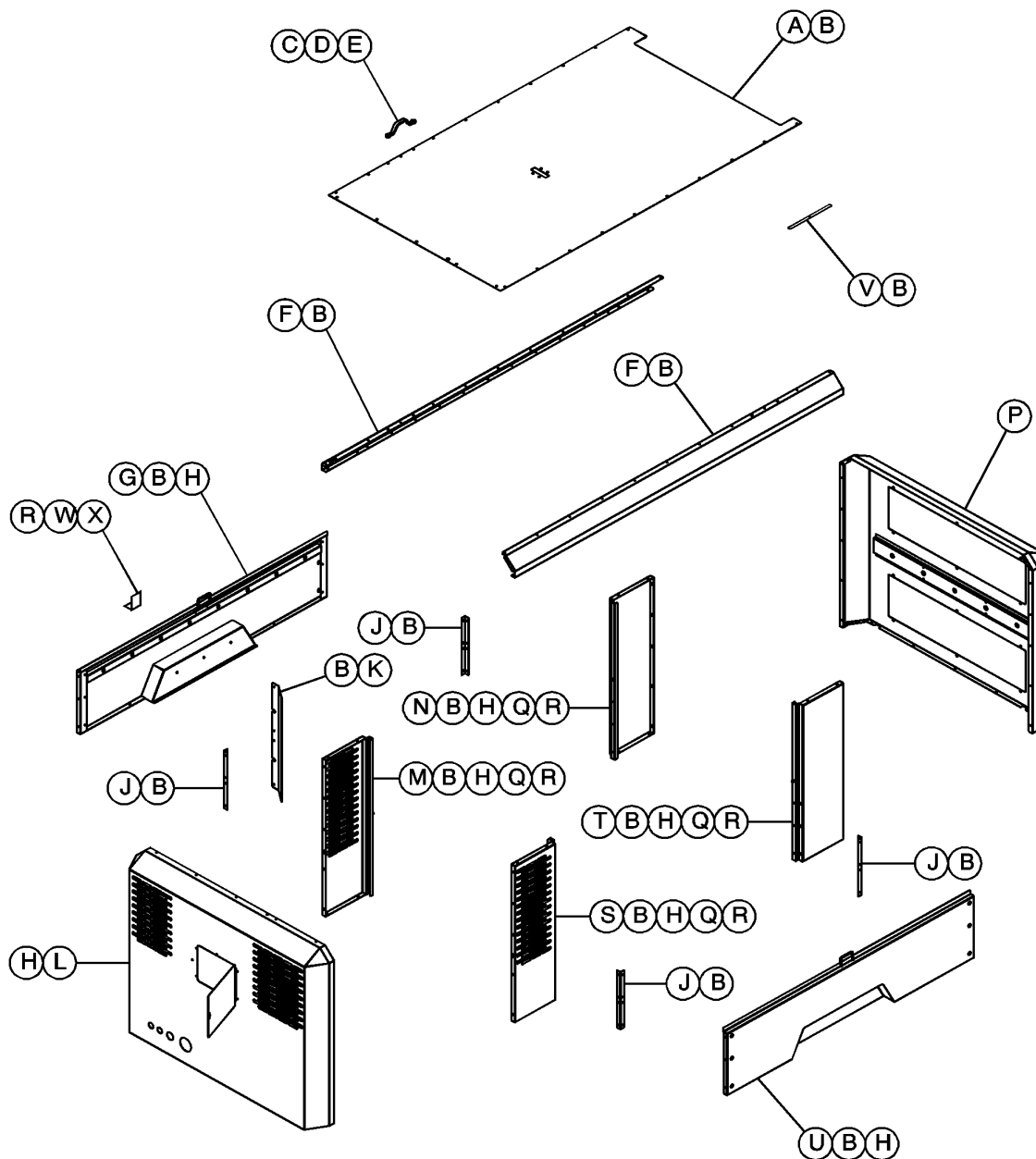


22557896_066_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	35279025	SCREW, TAPPING M08-1.25 X 20	16	
J	22192132	BRACKET, SIDE PANEL	4	
K	22112478	BAFFLE, INTAKE	1	
L	54739784	ENDCAP, FRONT	1	
M	54739826	PANEL, FRONT CRBSD	1	
N	54739859	PANEL, REAR CRBSD	1	STANDARD
	22194674	PANEL, REAR CRBSD	1	GALVANNEAL
P	54739792	PANEL, REAR END	1	STANDARD
	22194690	PANEL, REAR END	1	GALVANNEAL
Q	35337328	STUD, BALL	4	

ROOF & SIDE ENCLOSURE

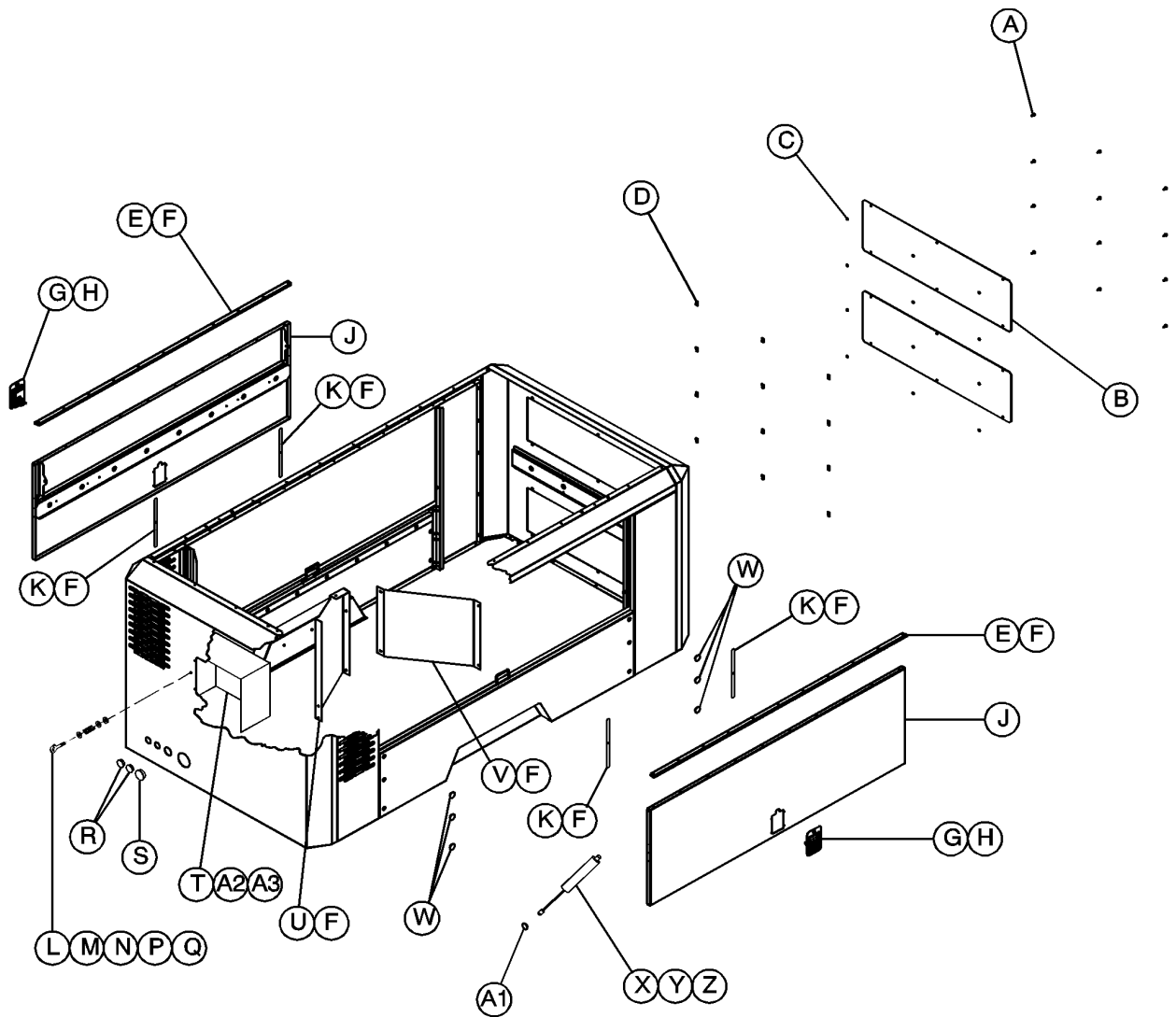
ROOF & SIDE ENCLOSURE



22557896_066_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	36881886	NUT, HEX FLANGE M08-1.25	6	
S	54739842	PANEL,FRONT STSD	1	
T	54738934	PANEL, REAR STSD	1	STANDARD
	22194682	PANEL, REAR STSD	1	GALVANNEAL
U	54739867	PANEL, LOWER STSD	1	STANDARD
	22194666	PANEL, LOWER STSD	1	GALVANNEAL
V	54718184	STRAP, FOAM RETAINING	8	
W	35369313	STEP, FOLDING	1	
X	96702659	SCREW, HEX M08-1.25 X 25	2	

DOOR & BAFFLE ENCLOSURE

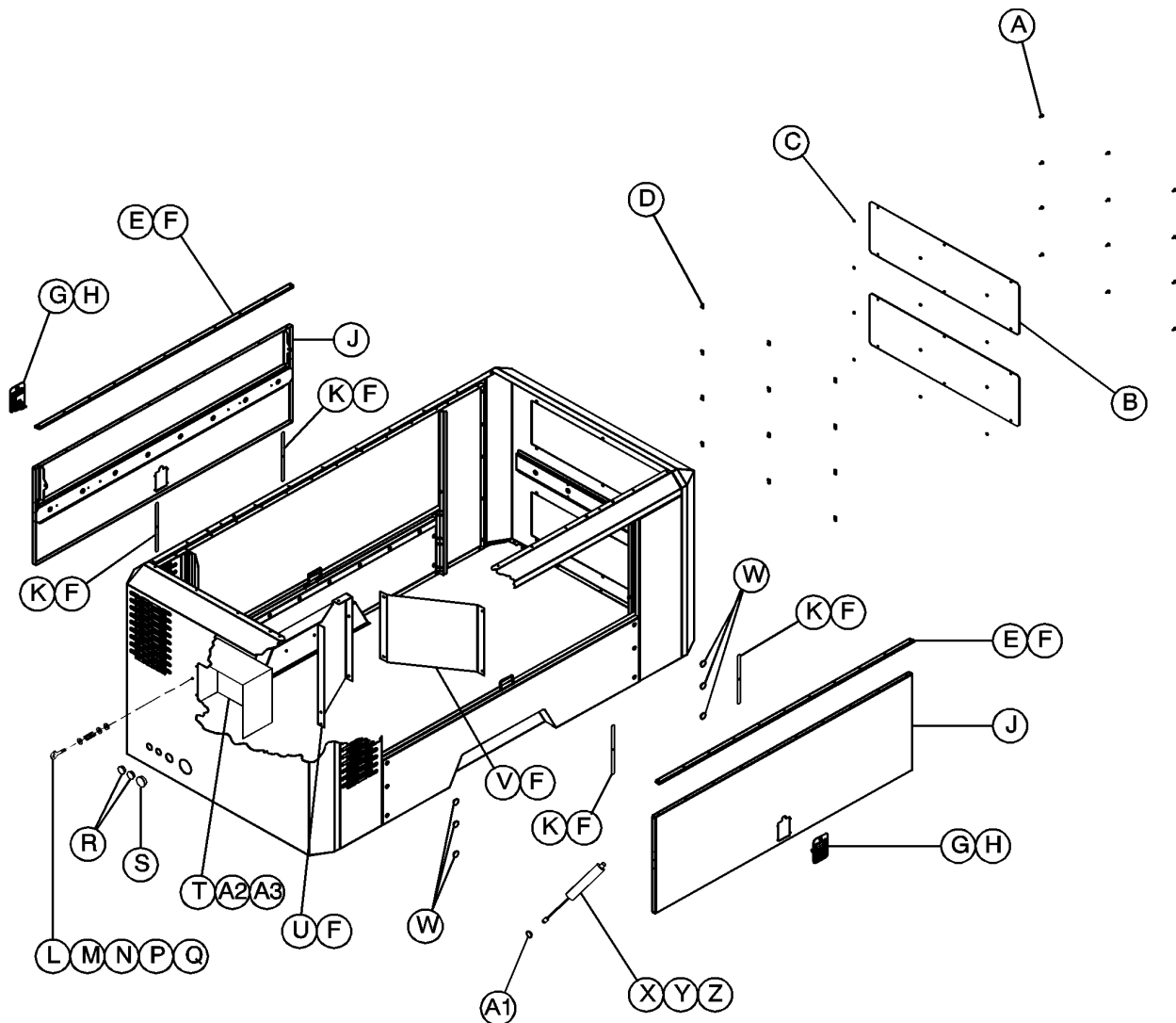


22557896_067_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35256429	STUD, SHORT	12	STANDARD GALVANNEAL
B	54694831	PANEL, REAR ACCESS	2	
C	35256445	RETAINER	12	
D	35256452	RECEPTACLE, CLIP-ON	12	
E	54639174	HINGE, SIDE DOOR	2	
F	36797652	SCREW, TAPPING M06-1.0 X 12	53	
G	36793602	LATCH, SLAM	2	
H	36794816	RIVET, 3/16 STAINLESS	8	
J	54629993	DOOR ASM., SIDE	2	
	54743257	DOOR ASM., SIDE	2	
K	54718184	STRAP, FOAM RETAINING	4	
L	35607829	EYEBOLT, 1/4-20 X 2.50"	1	
M	36772028	WASHER, NYLON	1	
N	35607837	SPRING	1	

DOOR & BAFFLE ENCLOSURE

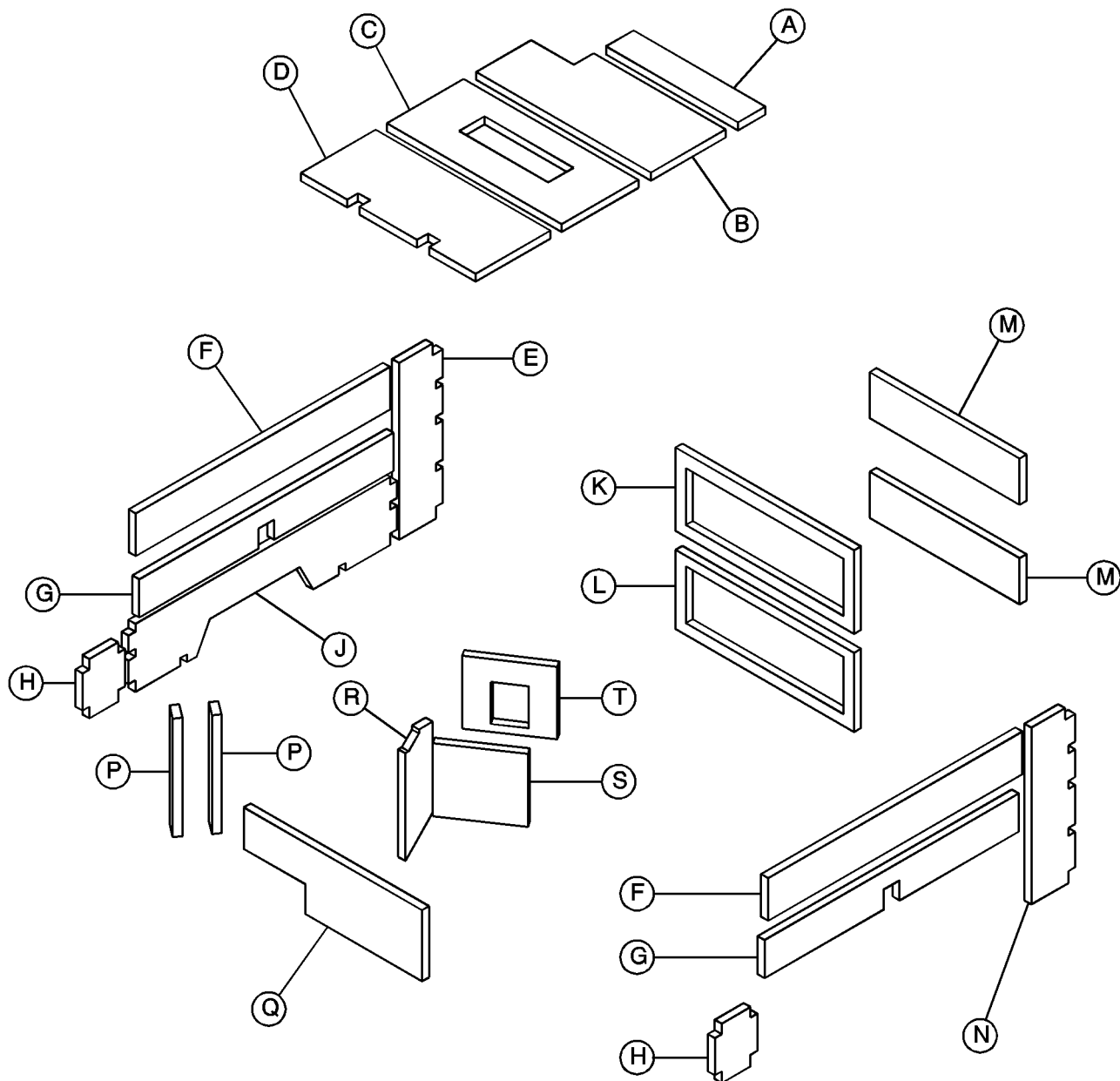
DOOR & BAFFLE ENCLOSURE



22557896_067_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	95935029	WASHER, FLAT	1	STUDS ON FRT PNL ONLY
Q	95923298	NUT, HEX LOCK 1/4-20	1	
R	35285546	PLUG, HOLE 1.50 DIA	2	
S	35316022	PLUG, HOLE 2.0 DIA	1	
T	22058325	COVER, REAR INSTRUMENT PANEL	1	
U	22058101	BRACKET, FRONT INTAKE	1	
V	22058119	BAFFLE, FRONT INTAKE	1	
W	54772041	PLUG, HOLE	12	
X	35600261	SPRING, GAS DOOR	4	
Y	35337328	STUD, BALL M08	8	
Z	36881886	NUT, HEX FLANGE M08-1.25	8	
A1	95934998	WASHER, FLAT	2	
A2	95972188	RIVET, 3/16 ALUMINUM	3	
A3	95916151	WSHER, FLAT	3	

FOAM INSULATION

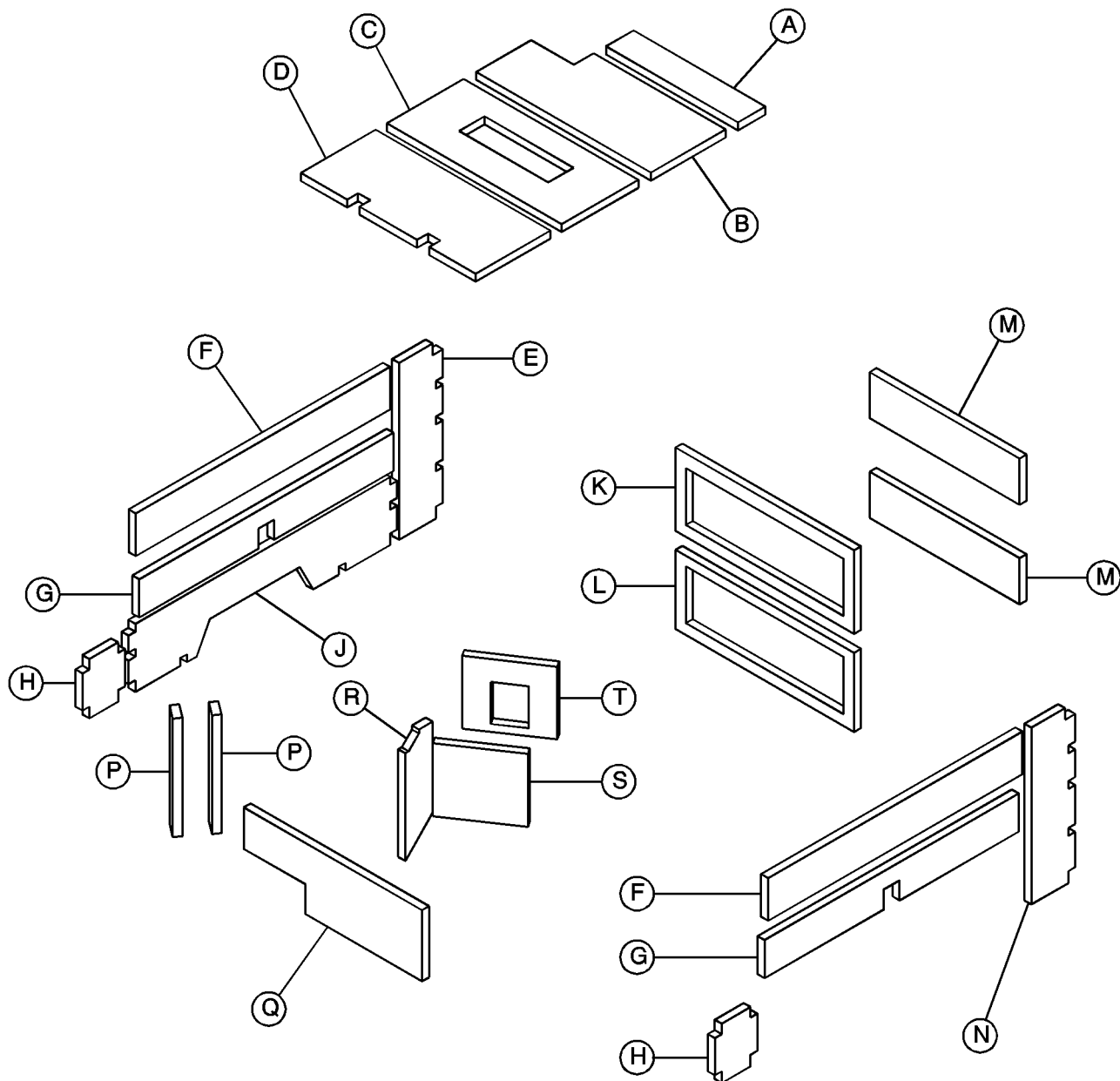


22557896_068_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22094304	PANEL, ACOUSTIC COOLER	1	
B	22094296	PANEL, ACOUSTIC ENGINE	1	
C	22094288	PANEL, ACOUSTIC LIFT BAIL	1	
D	22094270	PANEL, ACOUSTIC FRONT	1	
E	22094239	PANEL, ACOUSTIC REAR CRBSD	1	
F	22164842	PANEL, ACOUSTIC UPPER DOOR	2	
G	22164859	PANEL, ACOUSTIC LOWER DOOR	2	
H	22095079	PANEL, ACOUSTIC FRONT SIDE	2	
J	22094247	PANEL, ACOUSTIC LOWER SIDE	1	

FOAM INSULATION

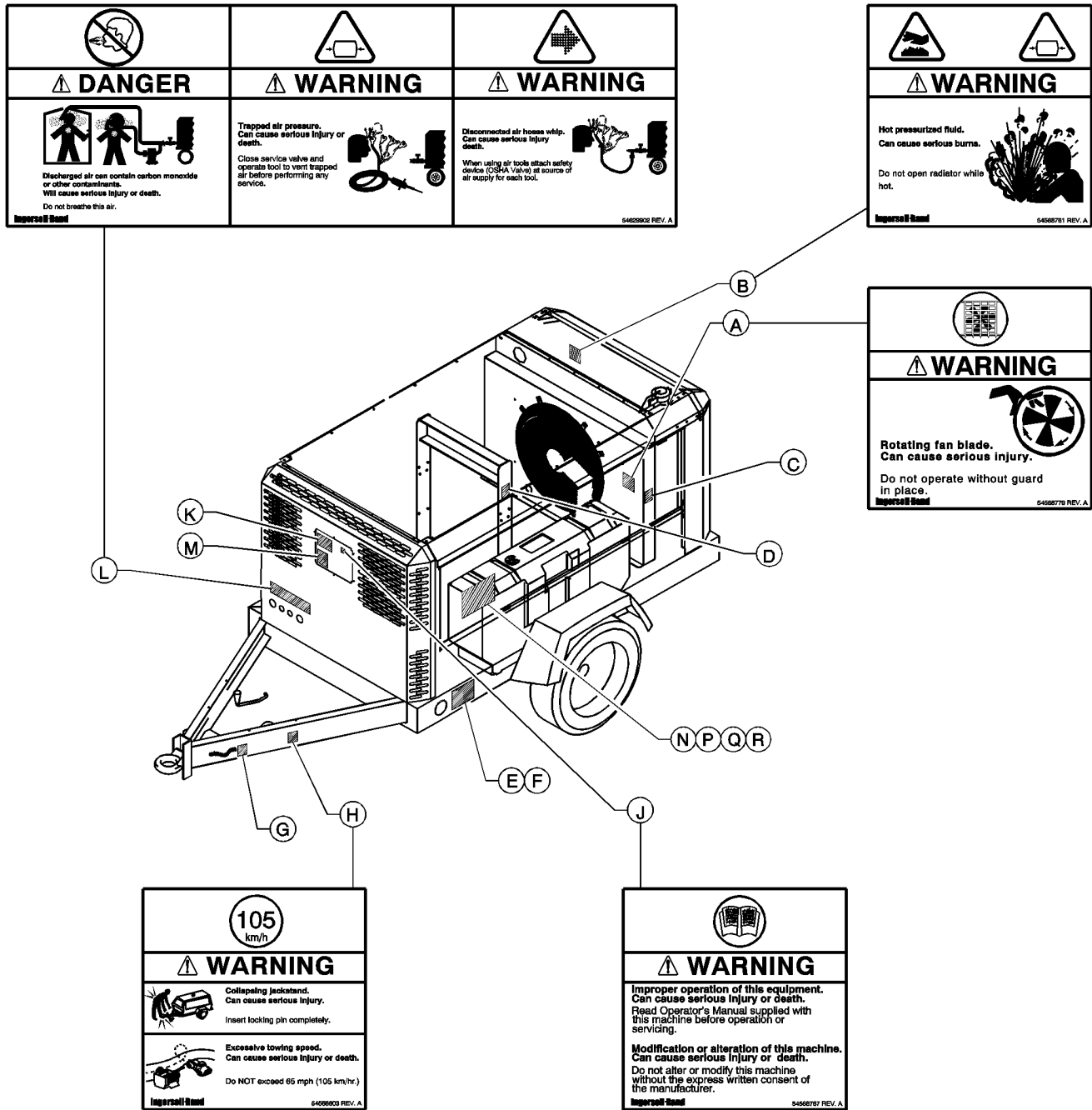
FOAM INSULATION



22557896_068_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	22096531	PANEL, ACOUSTIC REAR END TOP	1	
L	22096598	PANEL, ACOUSTIC REAR END LOWER	1	
M	54674957	PANEL, ACOUSTIC REAR COVER	2	
N	22094452	PANEL, ACOUSTIC REAR STSD	1	
P	22164867	PANEL, ACOUSTIC BAFFLE	2	
Q	22095129	PANEL, ACOUSTIC FRONT END	1	
R	22096523	PANEL, ACOUSTIC INTAKE BRACKET	1	
S	22227086	PANEL, ACOUSTIC INSIDE BAFFLE	1	
T	22096515	PANEL, ACOUSTIC OUTSIDE BAFFLE	1	

DECAL LOCATION

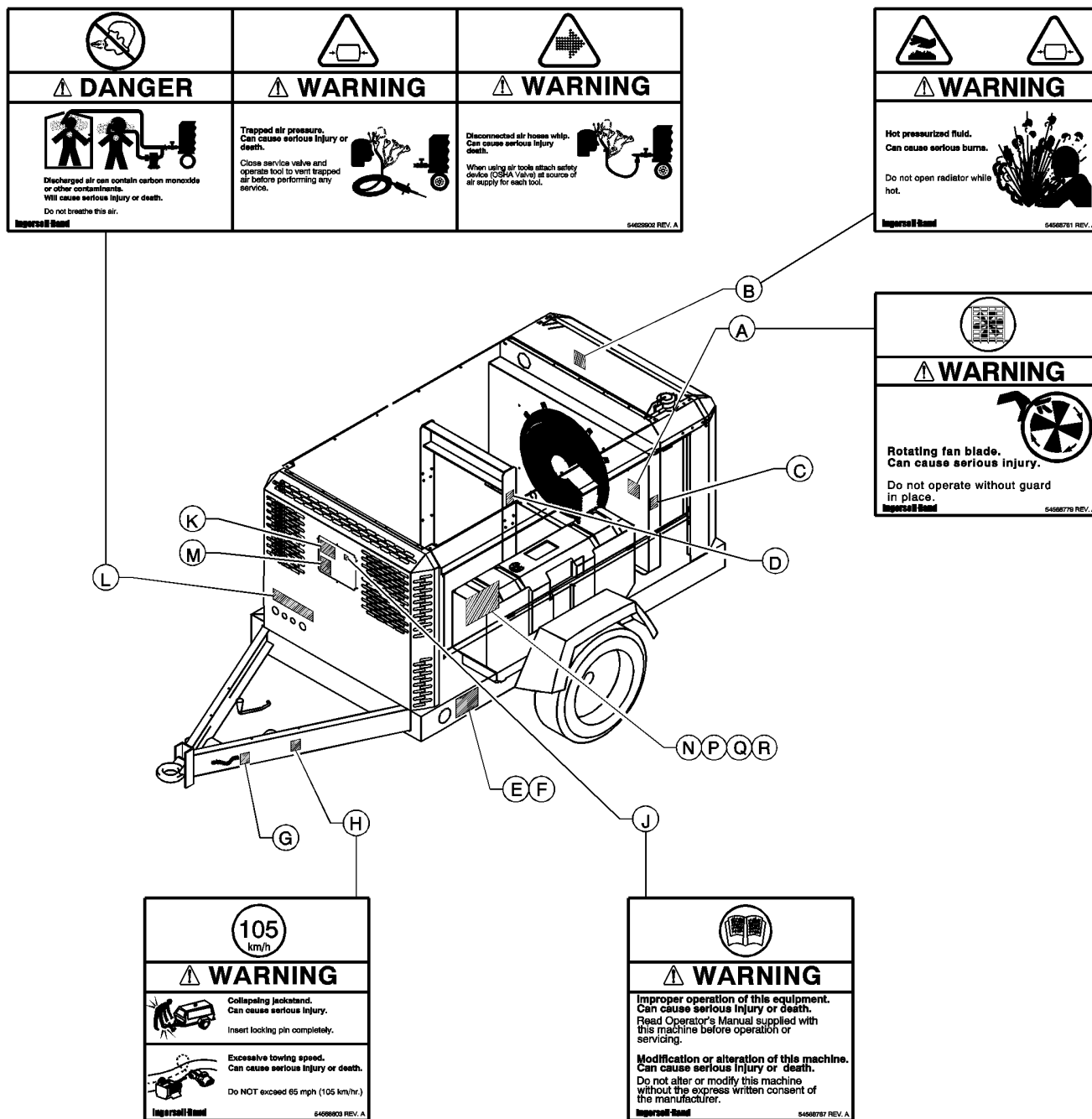


22557896_069_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	ROTATING FAN WARNING	1	
B	54568761	HOT PRESSURIZED FLUID WARNING	1	
C	54604962	NOTICE, RADIATOR FILL	1	
D	54625207	DIESEL FUEL	1	
E	36531176	V. I. N.	1	
F	36533081	V. I. N. OVERLAY	1	
G	54604921	TOW CHAINS NOTICE	1	
H	54568803	2-PART DRAWBAR WARNING	1	

DECAL LOCATION

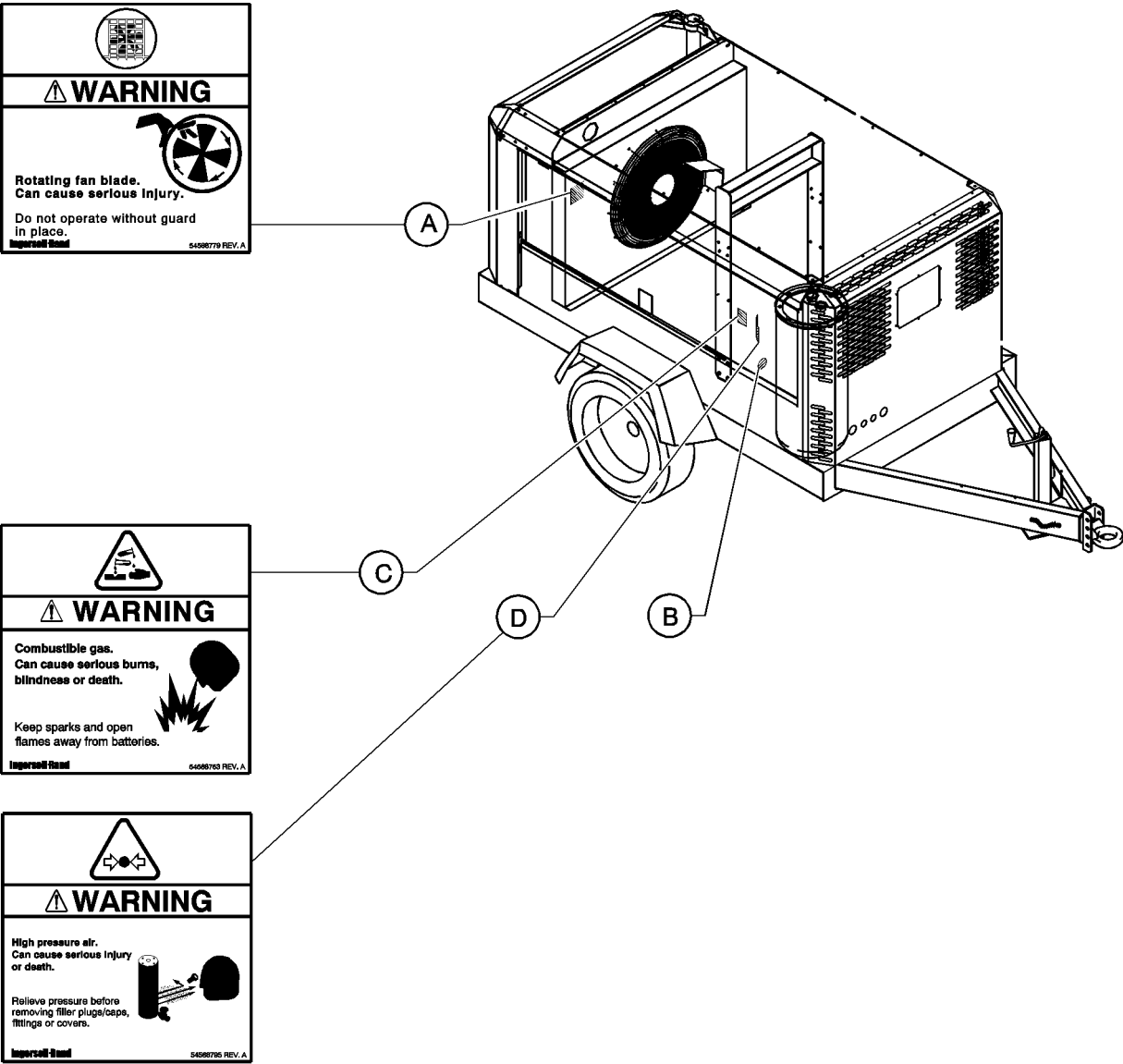
DECAL LOCATION



22557896_069_11/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
J	54568787	IMPROPER OPERATION	1	
K	54749163	OPERATING INSTRUCTIONS	1	
L	54629902	3-PART DANGER/WARNING	1	
M	22299051	SYMBOL INTERPERTATION	1	
N	22233597	LAMINATE, P425A-P600 WIRING DIAGRAM	1	
P	22068282	SCREW, TAPPING M04-0.7 X 25	2	
Q	54767900	LAMINATE, TRAILER WIRING	1	
R	36788982	BINDER, 3-RING	1	

DECAL LOCATION



22557896_070_11/04_A

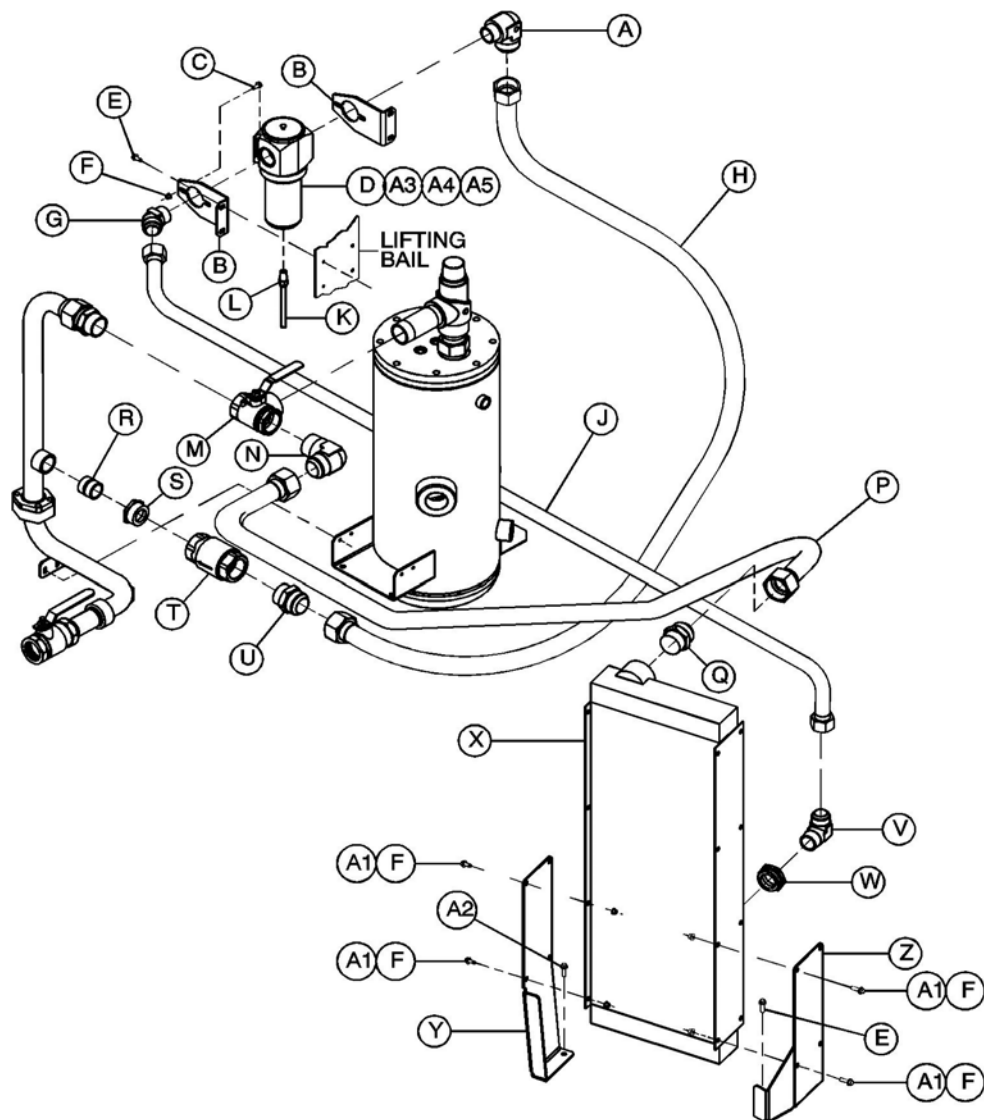
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568779	ROTATING FAN WARNING	1	
B	54604970	OIL FILL	1	
C	54568753	BATTERY GAS WARNING	1	
D	54568795	HIGH PRESSURE WARNING	1	
E	22389886	SERIAL NUMBER PLATE	1	
F	36794816	RIVET	2	

Section B - OPTION PARTS



AFTERCOOLER with WATER SEPARATOR

AFTERCOOLER with WATER SEPARATOR

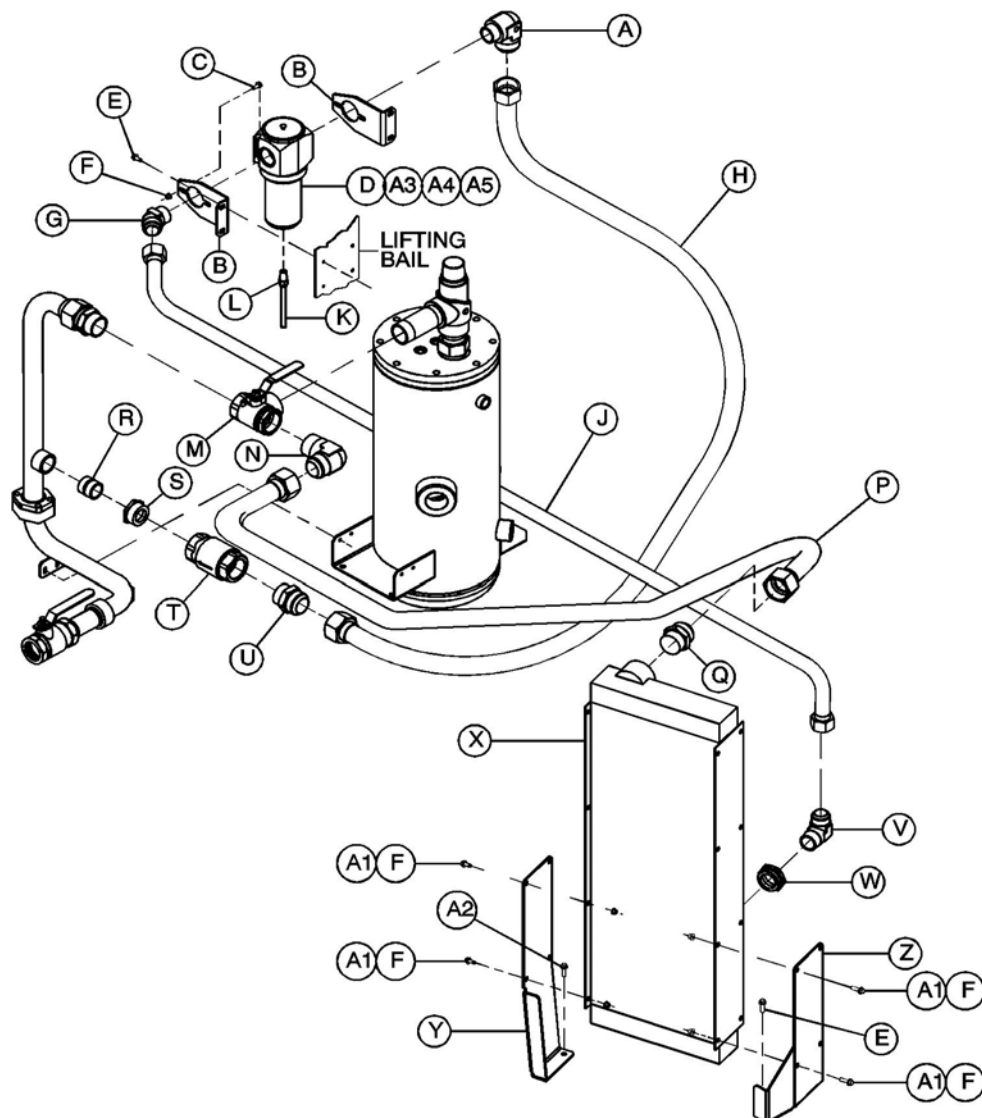


P600_OPT_002_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22225361	ELBOW, 1.50 NPT X -32 JIC	1	
B	36882884	BRACKET, AFTERCOOLER	2	
C	35376953	SCREW, HEX M10-1.50 X 20	4	
D	36882728	SEPARATOR, WATER	1	
E	35279025	SCREW, TAPPING M08-1.25 X 20	6	
F	36879195	NUT, HEX FLANGE M08-1.25	12	
G	95279139	ELBOW, 45 X 1.50 NPT X -24 JIC	1	
H	35141423	HOSE, -32 JIC X 64.5"	1	
J	35117472	HOSE, -24 JIC X 62"	1	
K	35356484	TUBING, 3/8" SYNIFLEX	36"	
L	35379700	CONNECTOR, 1/8 NPT X 3/8 TUBE	1	
M	36922987	VALVE, 3-WAY	1	
N	36786127	ELBOW, 2.0 NPT X -32 JIC	1	
P	36856920	HOSE, AFTERCOOLER -32 JIC X 48"	1	
Q	35356500	CONNECTOR, 2.50-12 X -32 JIC	1	

AFTERCOOLER with WATER SEPARATOR

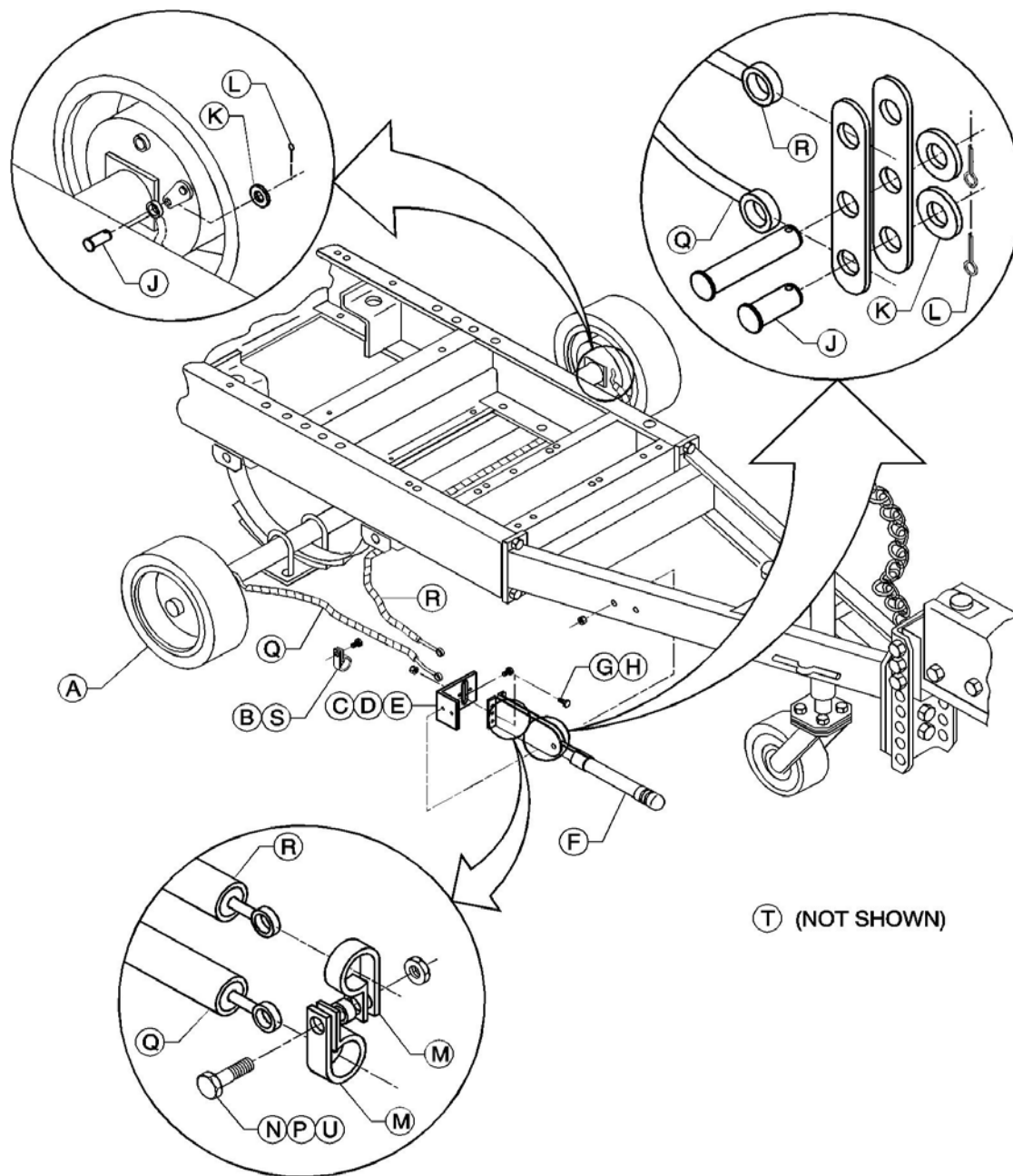
AFTERCOOLER with WATER SEPARATOR



P600_OPT_002_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	95487773	NIPPLE, CLOSED 1.50 NPT X 1.75"	1	PART of ITEM D PART of ITEM D PART of ITEM D
S	9599.762	BUSHING, REDUCING 2.0 NPT X 1.50 NPT	1	
T	95279352	COUPLING, 2.0 NPT PIPE	1	
U	95279352	ADAPTER, 2.0 NPT X 2.50-12	1	
V	95279477	ELBOW, 1.50 NPT X -24 JIC	1	
W	95741088	ADAPTER, 1.50 NPT X 2.50-12	1	
X	22092167	AFTERCOOLER	1	
Y	22218879	BRACKET, AFTERCOOLER	1	
Z	22218861	BRACKET, AFTERCOOLER	1	
A1	96702279	SCREW, HEX M10-1.50 X 20	8	
A2	36889608	SCREW, HEX FLANGE M08-1.25 X 25	2	
A3	36883270	CAP, WATER SEPARATOR		
A4	36883270	KIT, WATER SEPARATOR		
A5	35378231	KIT, AUTO DRAIN		

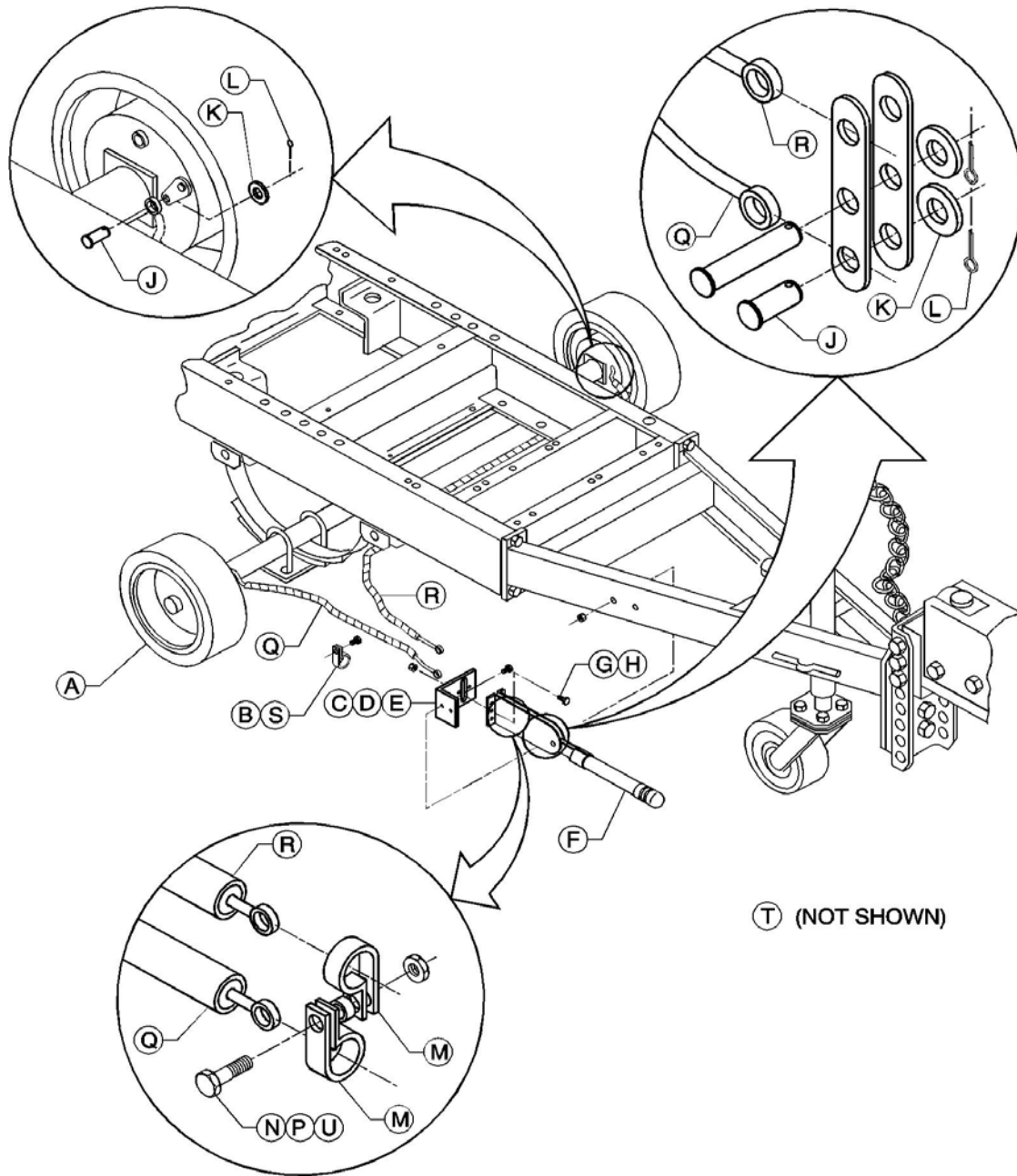
PARKING BRAKE
PARKING BRAKE



P600_OPT_003_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54625322	BRAKES, RUNNING GEAR w/	1	
B	35134477	CLAMP, RUBBER COATED	2	
C	35116433	BRACKET, BRAKE LEVER	1	
D	96704309	SCREW, HEX M10-1.5 X 35	2	
E	96735550	NUT, HEX M10-1.5	2	
F	35370055	LEVER, PARKING BRAKE	1	
G	96702659	SCREW, HEX M08-1.25 X 25	2	
H	96735543	NUT, HEX M08-1.25	2	
J	36846780	PIN, CLEVIS .31 X .75	4	
K	95934998	WASHER, 3/8 FLAT	4	

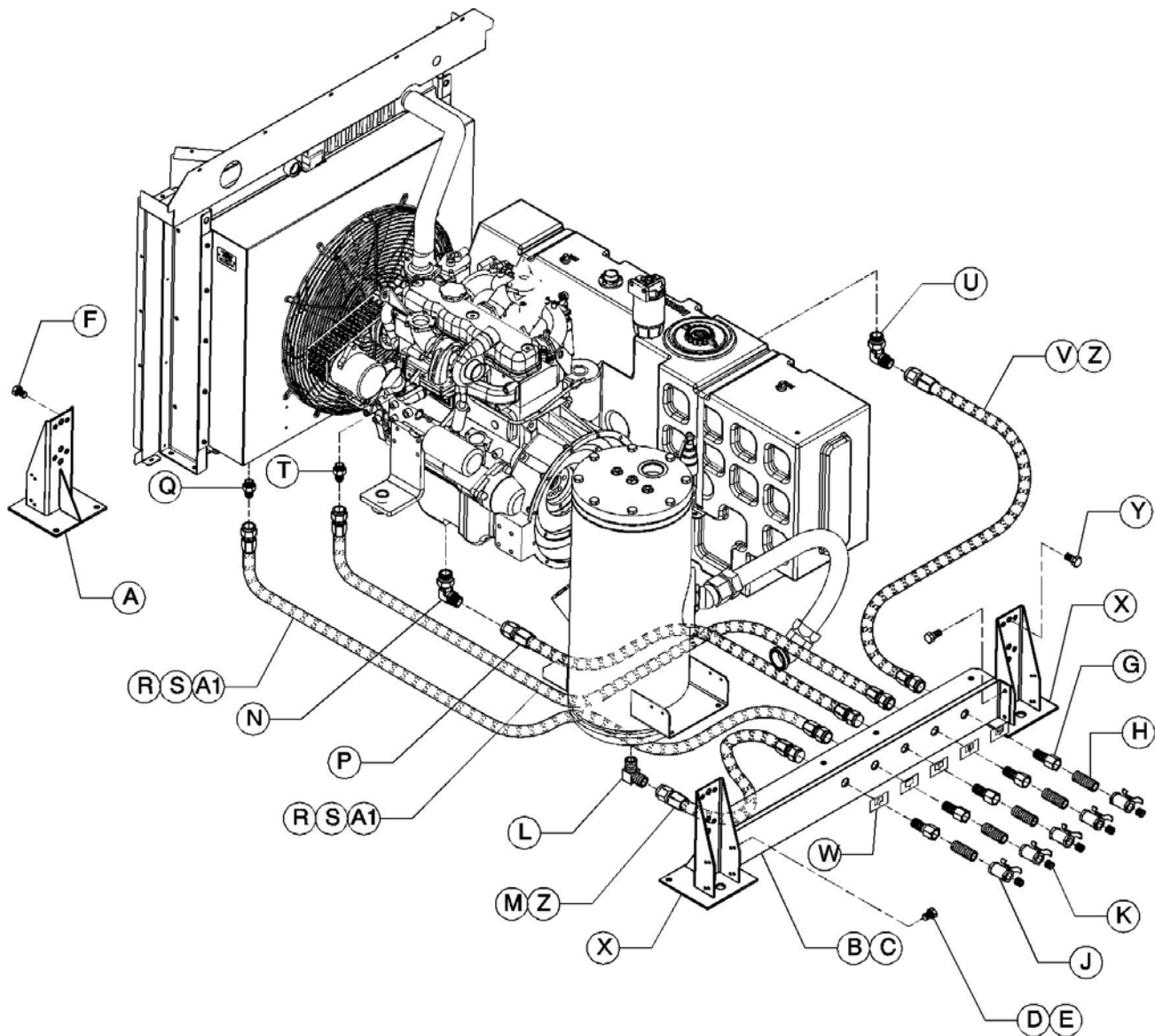
PARKING BRAKE PARKING BRAKE



P600_OPT_003_06/04_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	CABLE ASM., 78" BRAKE	1	
R	36503134	CABLE ASM., 108" BRAKE	1	
S	35300771	SCREW, TAPPING M06-1.0 X 20	1	
T	35253038	CLAMP, RUBBER COATED	3	
U	35252600	NUT, LOCKING 5/16-18	1	

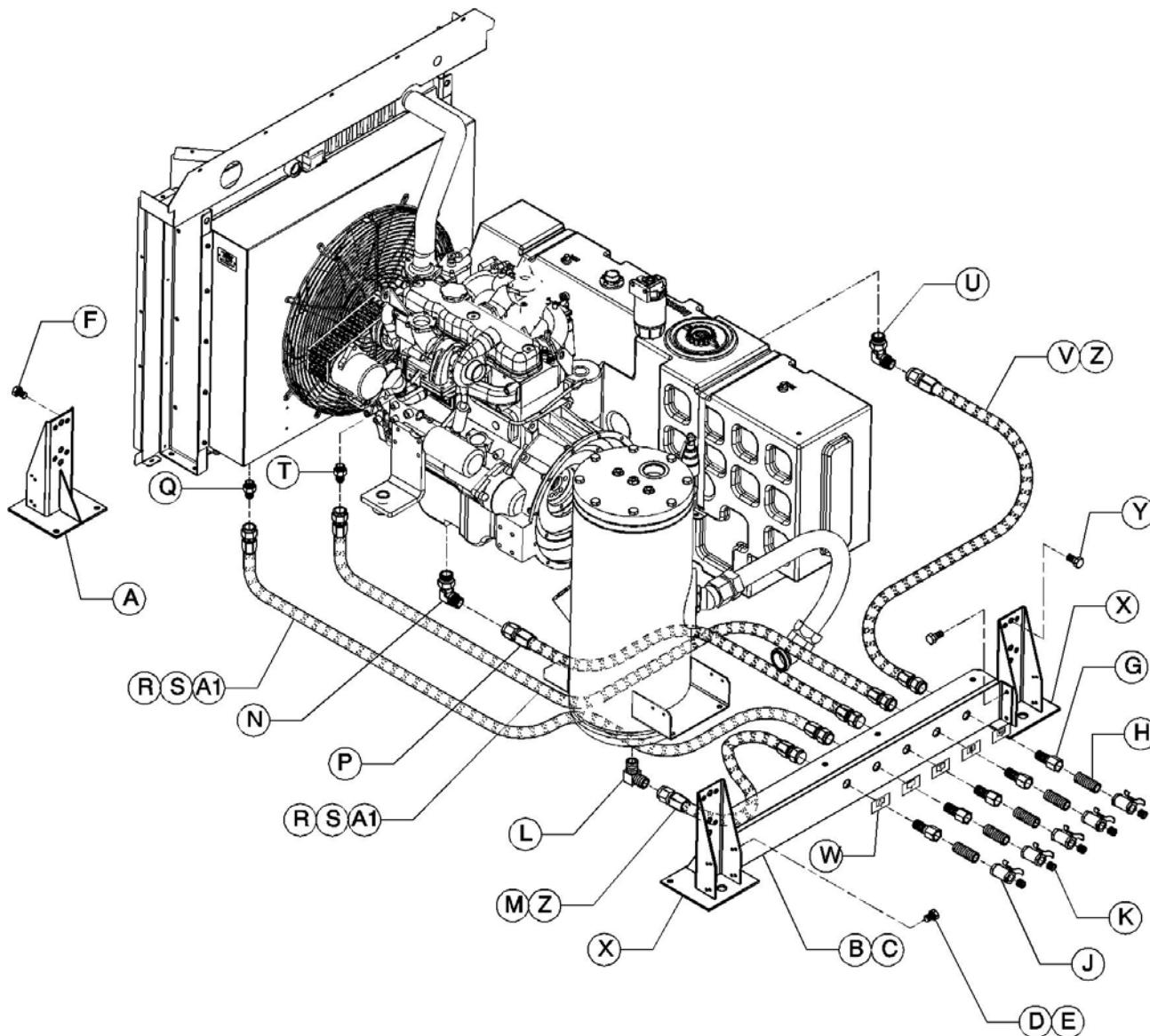
CENTRAL DRAINS
CENTRAL DRAINS



P600_OPT_004_06/04_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	2	
D	36889608	SCREW, HEX FLANGE M12-1.75 X 25	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 3/4	5	
J	36777399	VALVE, BALL 3/4 T-HANDLE	5	
K	95947149	PLUG, HEX COUNTER SINK	5	
L	36885093	ELBOW, -12 JIC O-RING	1	
M	35323799	HOSE ASM., -12JIC X 27"	1	
N	36883395	ELBOW, M18-1.5	1	

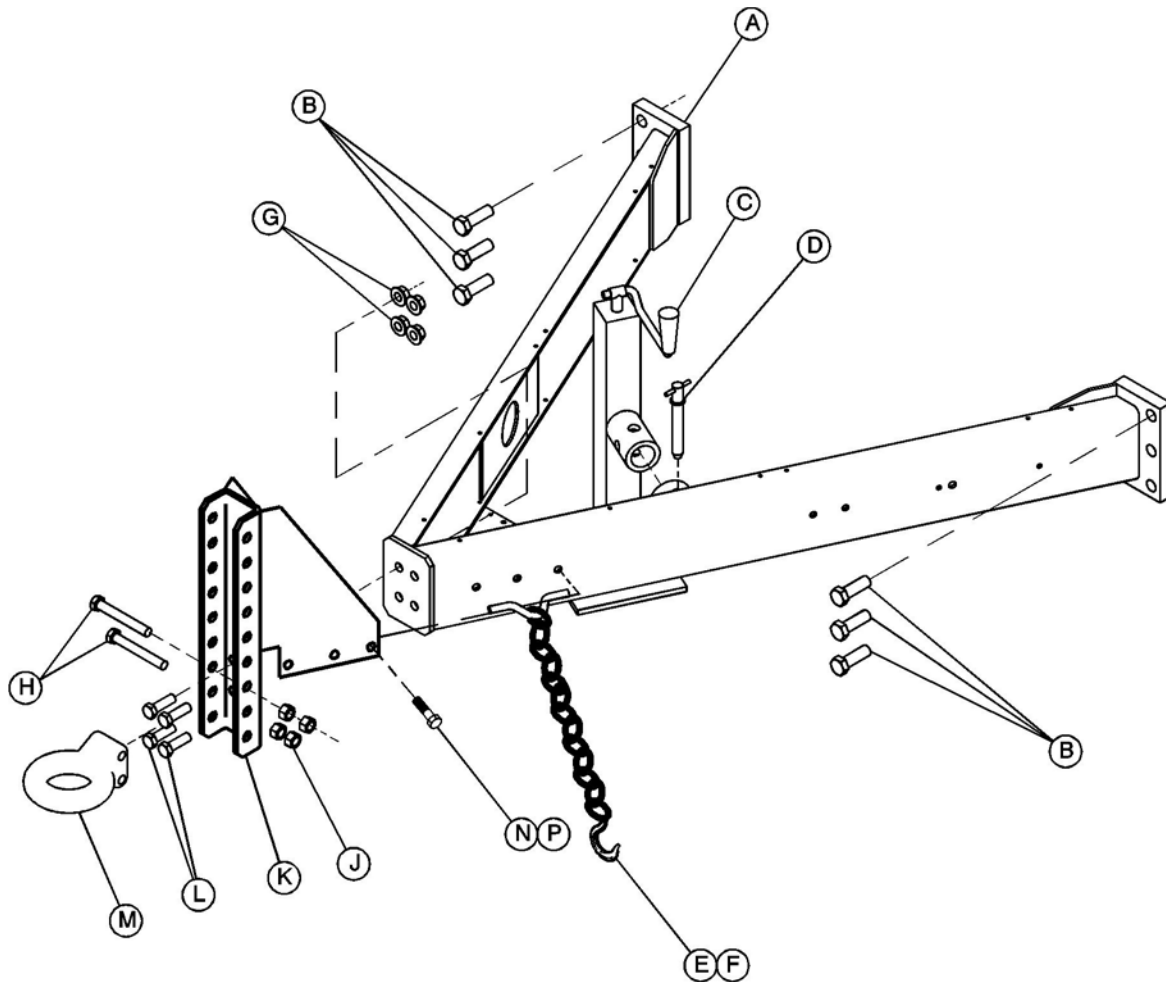
CENTRAL DRAINS
CENTRAL DRAINS



P600_OPT_004_06/04_A

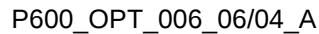
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	35290378	HOSE ASM., -12 JIC X 68"	1	
Q	35287895	CONNECTOR, 9/16-18 X -8 JIC	1	
R	35305499	HOSE ASM., -8 JIC X 112"	1	
S	35225077	CLAMP, 9/16" RUBBER SUPPORT	10	
T	35283134	CONNECTOR, 1/4 NPT X -8 JIC	1	
U	35294750	ELBOW, 1.06 SAE X -12 JIC	1	
V	35376110	HOSE ASM., -12JIC X 54"	1	
W	54629977	DECAL, CENTRAL DRAIN	1	
X	22198238	SUPPORT, FRONT	1	
Y	36763670	SCREW, HEX M20-2.5 0 X 60	4	
Z	35225085	CLAMP, HOSE 15/16"	3	
A1	35365774	REDUCER, 1/2" TUBE X3/4"	2	

ADJUSTABLE HEIGHT DRAWBAR
ADJUSTABLE HEIGHT DRAWBAR



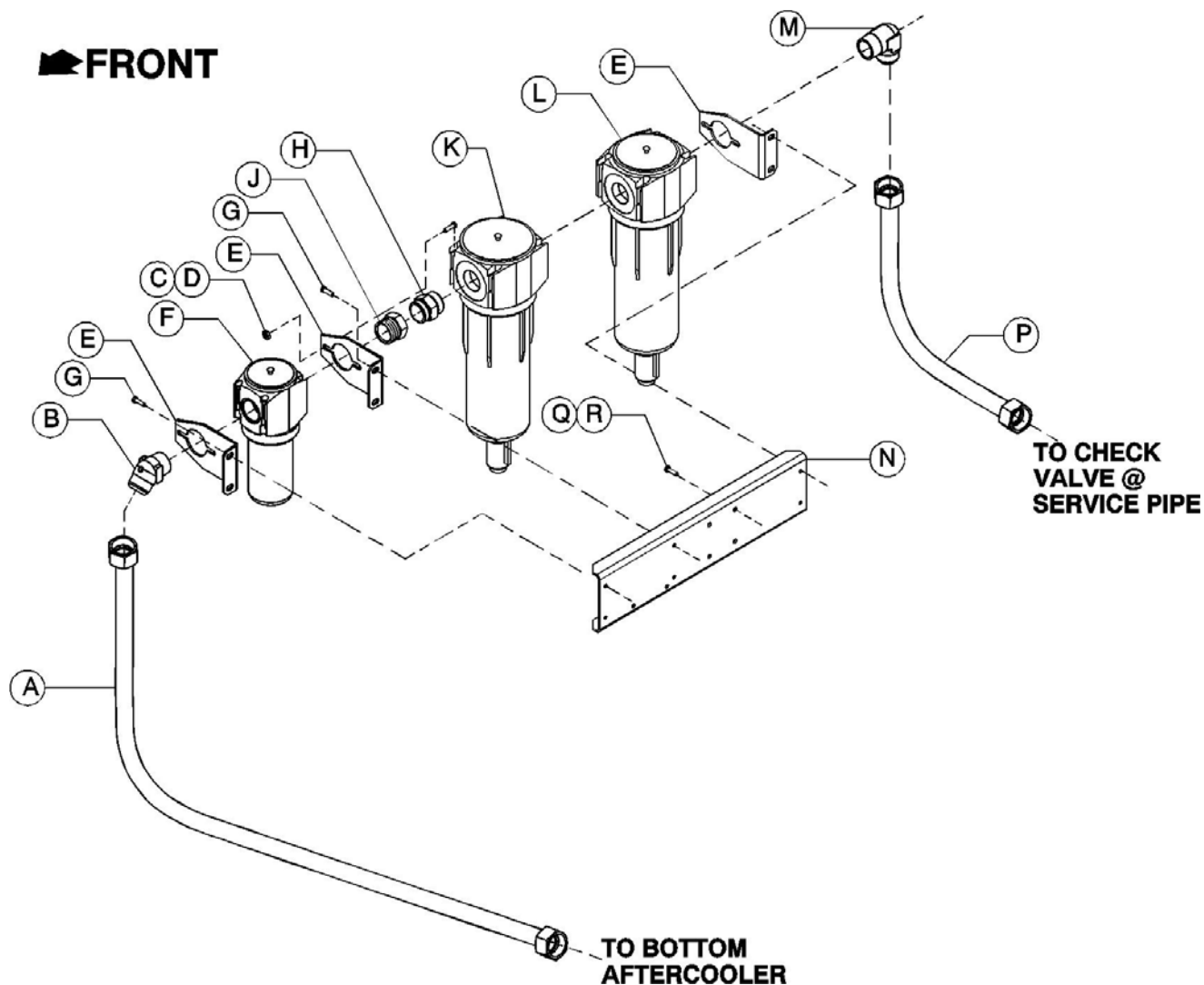
P600_OPT_005_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54767280	DRAWBAR	1	
B	36763670	SCREW, HEX M20-2.0 X 60	6	
C	54443577	JACK, SCREW	1	
D	35609544	PIN, QUICK RELEASE	1	
E	35610377	LINK, COUPLING	2	
F	35372432	CHAIN/HOOK	2	
G	36879211	NUT, HEX FLANGE M16-2.0	4	
H	35376094	SCREW, HEX M16-2.0 X 120	2	
J	96701750	NUT, HEX M16-2.0	4	
K	36882017	CHANNEL, PINTEL MOUNTING	1	
L	39179072	SCREW, HEX M16-2.0 X 50	4	
M	35605187	EYE, PINTEL	1	
N	35255758	SCREW, HEX LOCK 1/2-13 X 1"	6	
P	35252618	NUT, HEX LOCK FLANGE 1/2-13	6	



B - 9

DUAL IQ FILTER MOUNTING
DUAL IQ FILTER MOUNTING

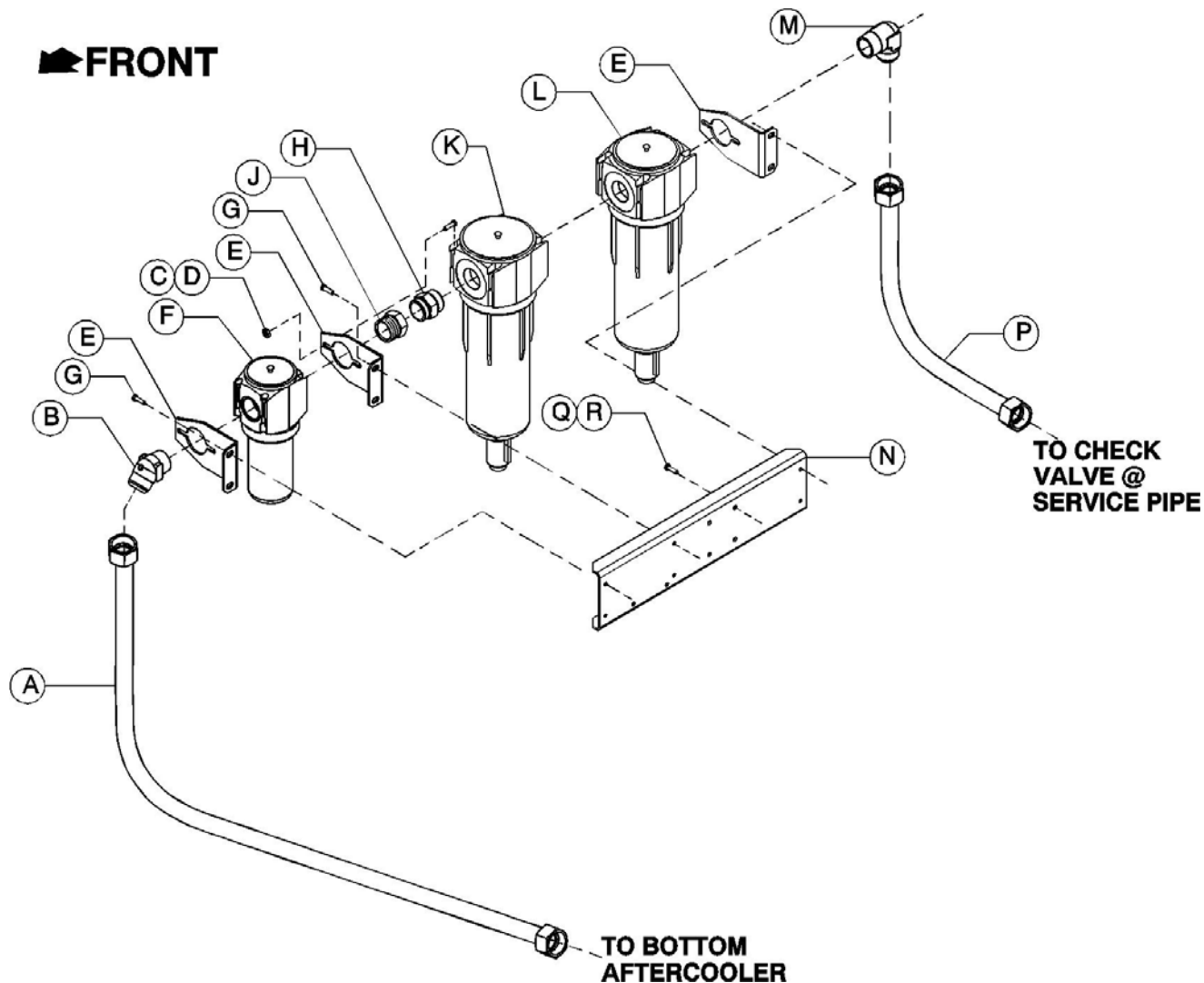


P600_OPT_007_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	43214956	HOSE, -24 JIC X 55"	1	
B	36921500	ELBOW, 45 X 1.50 NPT TO -24 JIC	1	
C	35376953	SCREW, HEX FLANGE M10-1.50 X 20	4	
D	36879195	NUT, HEX FLANGE M10-1.50	4	
E	36882884	BRACKET, FILTER MOUNTING	3	
F	36882728	SEPARATOR, WATER 1/50 NPT	1	
G	35279025	SCREW, TAPPING M08-1.25 X 20	4	
H	36883155	ADAPTER, SWIVEL 1.50 NPT X -24 JIC	1	
J	95208682	ADAPTER, 1.50 NPT X -24 JIC	1	
K	36882983	FILTER, 1 ST STAGE	1	
L	36882991	FILTER, 2 ND STAGE	1	
M	22225361	ELBOW, 1.50 NPT X -32 JIC	1	
N	54761630	BRACKET, FILTER MOUNTING	1	
P	35141423	HOSE ASM., -32 JIC X 64.5"	1	
Q	36889608	SCREW, HEX FLANGE M08-1.25 X 25	4	

DUAL IQ FILTER MOUNTING DUAL IQ FILTER MOUNTING

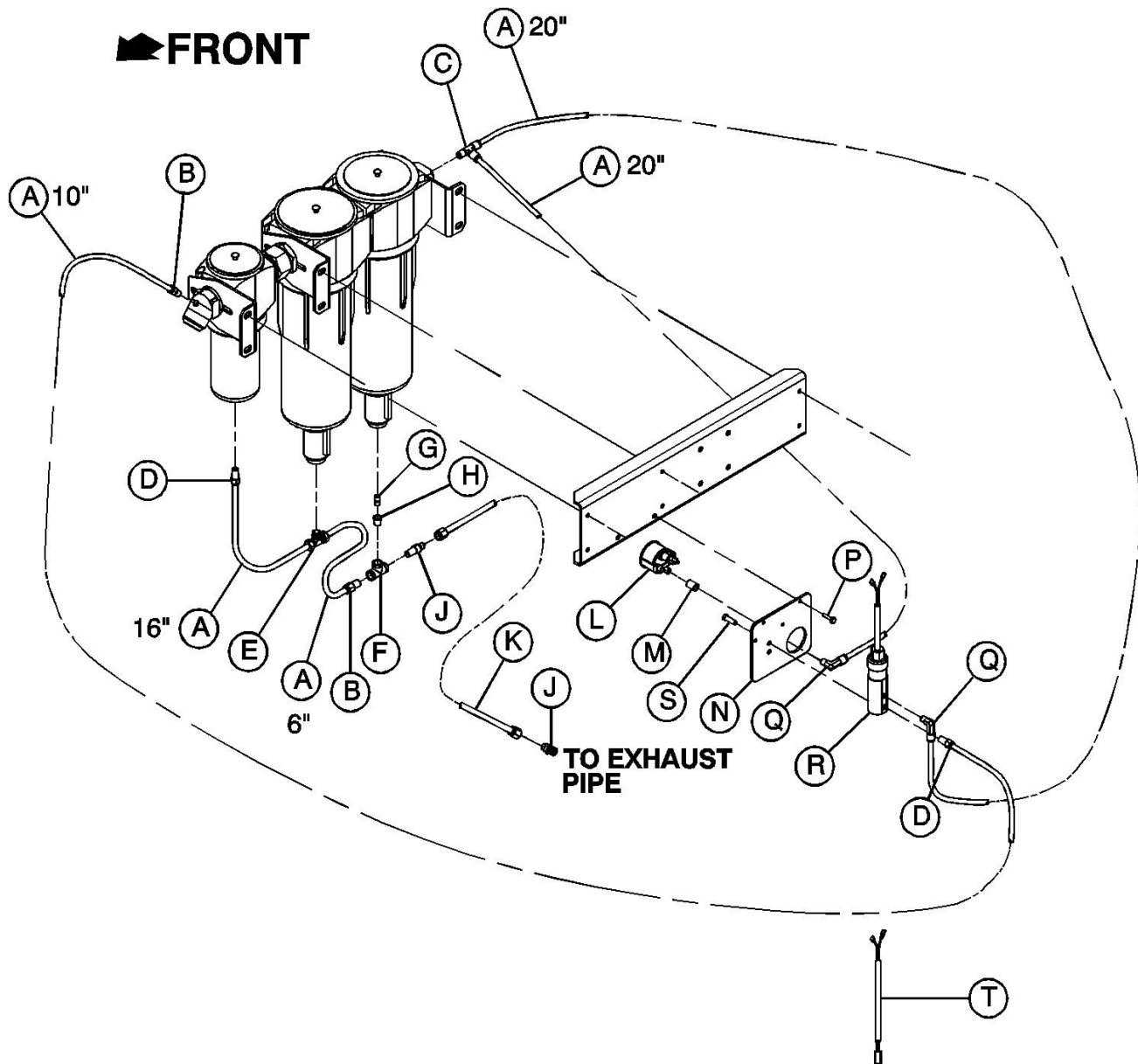
FRONT



P600_OPT_007_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
R	36881886	NUT, HEX FLANGE M08-1.25	4	
	36883049	CAP, FILTER HOUSING	AR	SVC PRT 1 ST STAGE FLTR
	36883015	ELEMENT, 1 ST STAGE FILTER	AR	SVC PRT 1 ST STAGE FLTR
	36883080	KIT, WEDGE BOLT	AR	SVC PRT 1 ST STAGE FLTR
	35378264	KIT, SIGHT GLASS	AR	SVC PRT 1 ST & 2 ND STAGE FLTR
	36883106	KIT, AIR FILTER MAINTANCE	AR	SVC PRT 1 ST & 2 ND STAGE FLTR
	36883114	ROD, ELEMENT RETAINING	AR	SVC PRT 1 ST & 2 ND STAGE FLTR
	35378223	INDICATOR, DIFFERENTIAL PRESS	AR	SVC PRT 1 ST & 2 ND STAGE FLTR
	36883056	CAP, FILTER HOUSING	AR	SVC PRT 2 ND STAGE FLTR
	36883023	ELEMENT, 2 ND STAGE FILTER	AR	SVC PRT 2 ND STAGE FLTR
	36883270	CAP, WATER SEPARATOR	AR	SVC PRT 3 RD STAGE FLTR
	36883098	KIT, WATER SEPARATOR	AR	SVC PRT 3 RD STAGE FLTR
	35378231	KIT, FILTER DRAIN	AR	SVC PRT ALL 3 FLTR

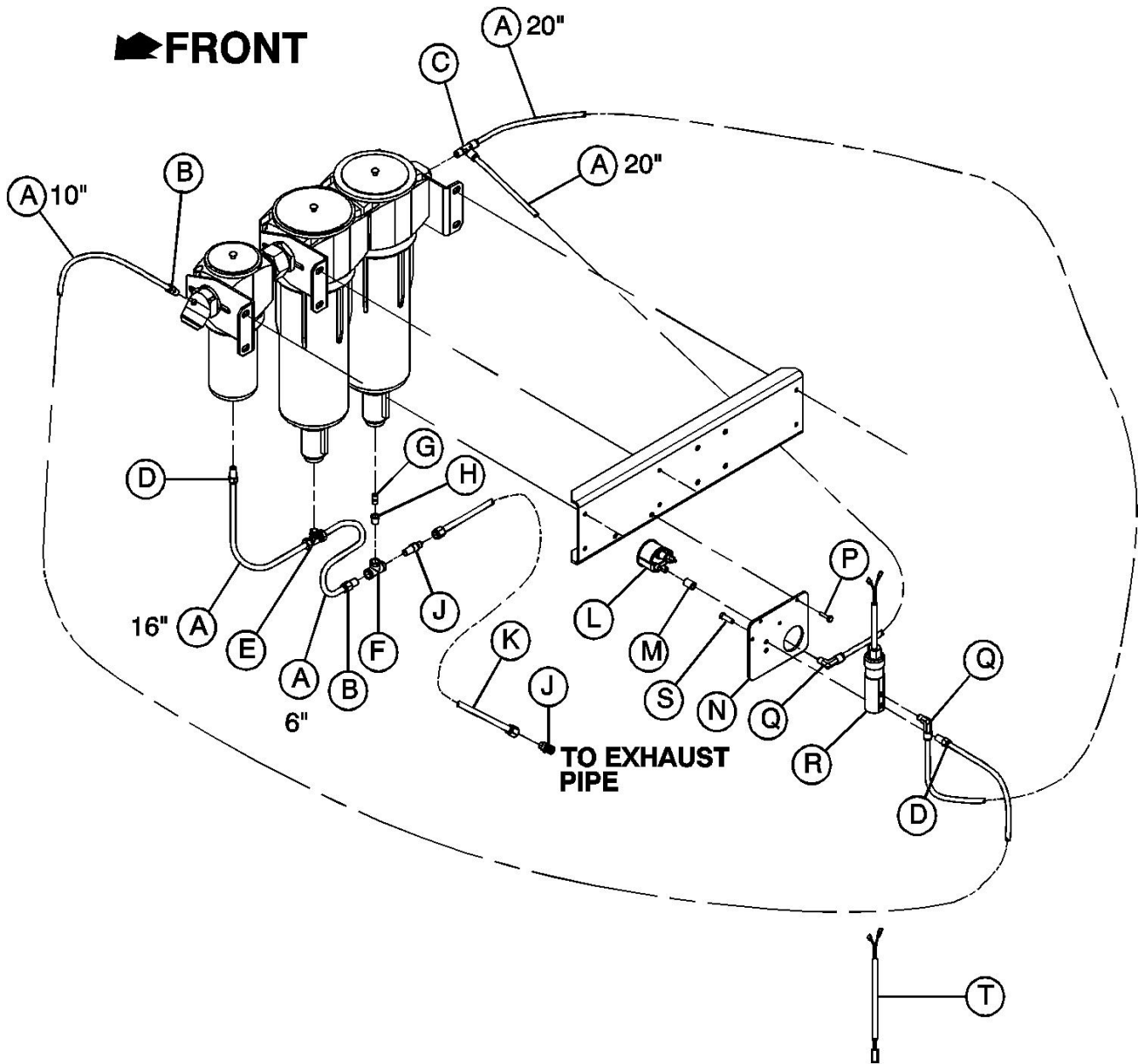
DUAL IQ FILTER PIPING
DUAL IQ FILTER PIPING



P600_OPT_008_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35356484	TUBE, 3/8" SYNPLEX	~	SEE LENGTH ABOVE
B	35369347	CONNECTOR, 1/4 NPT X 3/8 TUBE	2	
C	35369503	TEE, MALE RUN 1/4 NPT X 3/8 TUBE	1	
D	35379700	CONNECTOR, 1/8 NPT X 3/8 TUBE	2	
E	35369396	TEE, MALE RUN 1/8 NPT X 3/8 TUBE	1	
F	95954194	TEE, 1/4 NPT	1	
G	95953493	NIPPLE, CLOSED 1/8 NPT X 3/4"	1	
H	95930301	BUSHING, REDUCING 1/4 NPT X 1/8 NPT	1	
J	35284082	CONNECTOR, 1/4 NPT X -6 JIC	2	

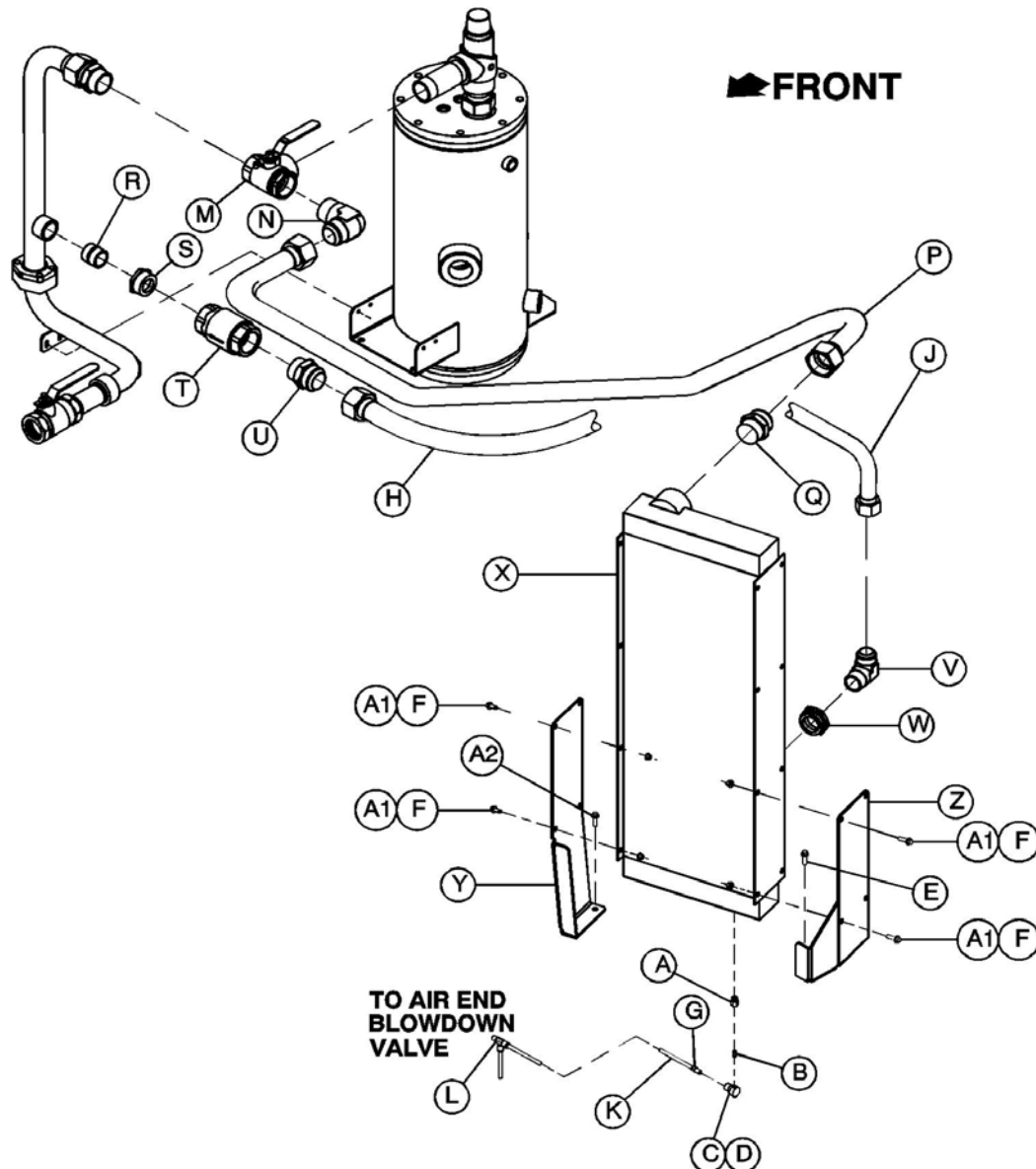
DUAL IQ FILTER PIPING
DUAL IQ FILTER PIPING



P600_OPT_008_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	35284538	HOSE ASM., -6 JIC X 82"	1	
L	36891216	GAUGE, PRESSURE 250 PSI	1	
M	95038634	COUPLING, 1/8 NPT	1	
N	54762125	PLATE, GAUGE	1	
P	36797652	SCREW, TAPPING M06-1.0 X 12	2	
Q	35370386	ELBOW, MALE 1/4 NPT X 3/8 TUBE	2	
R	36899615	INDICATOR, DIFFERENTIAL PRESSURE	1	
S	95934774	SCREW, HEX 1/4-20 X 1/2"	2	
T	22293484	HARNESS, IQ OPTION	1	

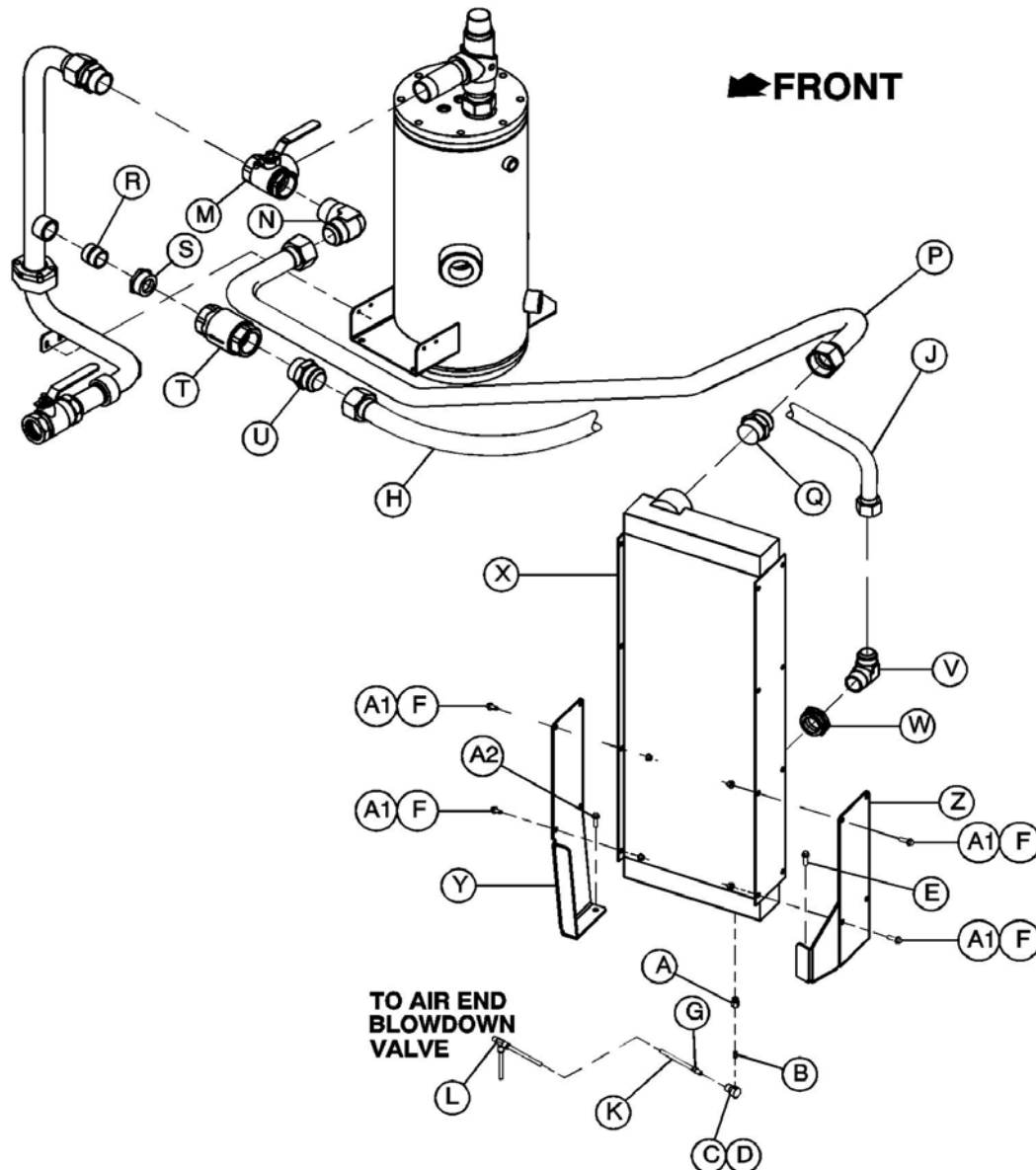
DUAL IQ FILTER AFTERCOOLER
DUAL IQ FILTER AFTERCOOLER



P600_OPT_009_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35293687	ADAPTER, 9/16-18 X 1/4 NPT O-RING	1	
B	95944575	NIPPLE, CLOSED 1/4 NPT X 7/8"	1	
C	35322379	VALVE, BLOWDOWN	1	
D	36766756	ORIFICE, MUFFLER .140	1	
E	35379025	SCREW, TAPPING M08-1.25 X 20	2	
F	36879195	NUT, HEX FLANGE M08-1.25	8	
G	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	1	
H	35141423	HOSE, -32 JIC X 64.5"	1	
J	43214956	HOSE, -24 JIC X 55"	1	
K	35356484	TUBE, 3/8" SYN FLEX	50"	
L	35369503	TEE, MALE RUN 1/4 NPT X 3/8 TUBE	1	
M	36922987	VALVE, 3-WAY	1	
N	36786127	ELBOW, 2.0 NPT X -32 JIC	1	

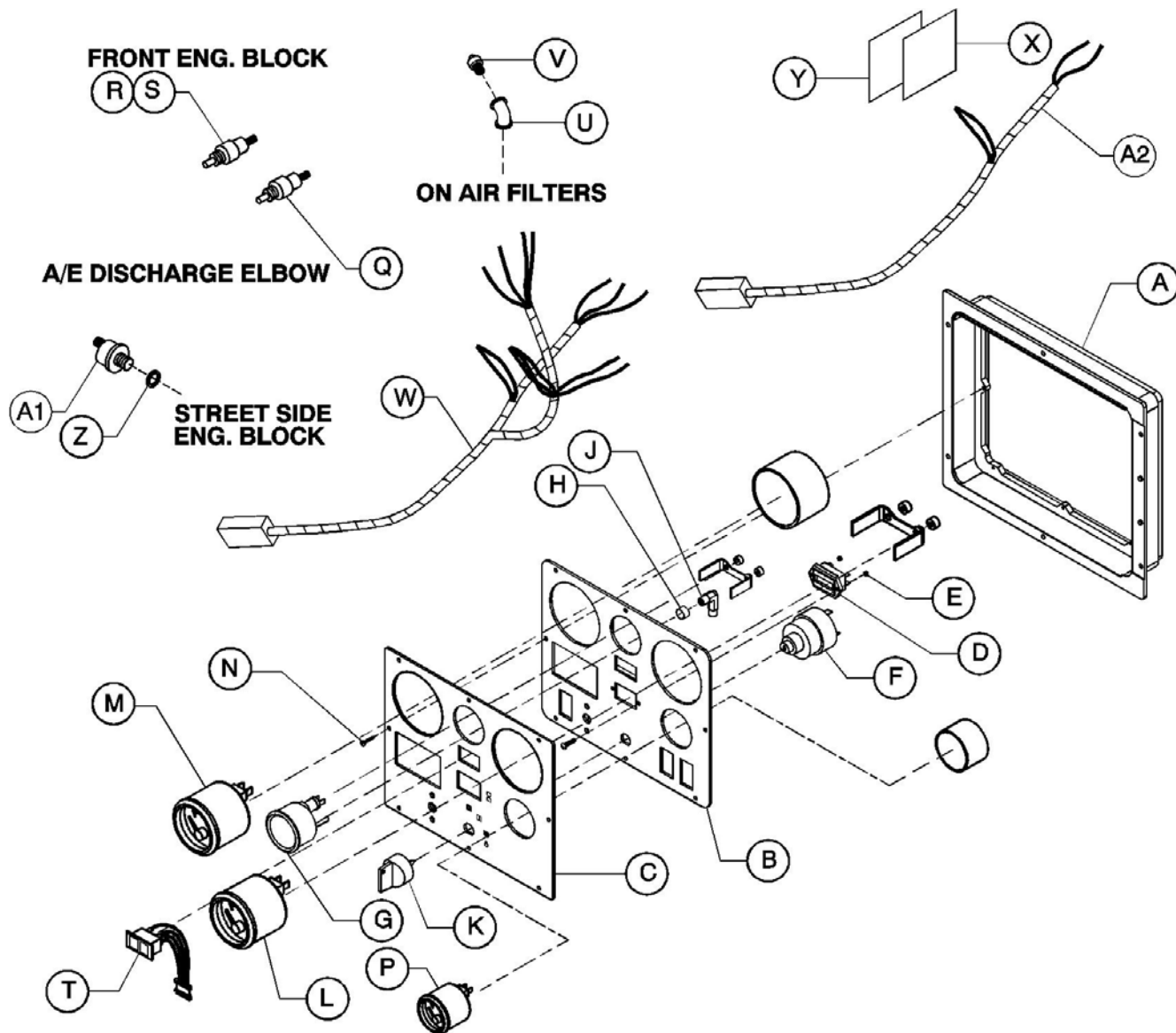
DUAL IQ FILTER AFTERCOOLER



P600_OPT_009_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	36856920	HOSE, AFTERCOOLER -32 JIC X 48"	1	
Q	35356500	CONNECTOR, 2.50 -12 X -32 JIC	1	
R	95487773	NIPPLE, CLOSED 1.5 NPT X 1.75"	1	
S	95937462	BUSHING, REDUCING 2.0 NPT X 1.5 NPT	1	
T	36920021	VALVE, CHECK 2" BALL	1	
U	95279352	ADAPTER, 2.0 NPT X 2.50-12	1	
V	95279477	ELBOW, 1.5 NPT X -24 JIC	1	
W	95741088	ADAPTER, 1.5 NPT X 2.50-12	1	
X	22092167	AFTERCOOLER	1	
Y	22218879	BRACKET, AFTERCOOLER	1	
Z	22218861	BRACKET, AFTERCOOLER	1	
A1	96702279	SCREW, HEX M10-1.50 X 20	8	
A2	36889608	SCREW, HEX FLANGE M08-1.25 X 25	2	

FULL GAUGE INSTRUMENT PANEL wo/ START-RUN VALVE

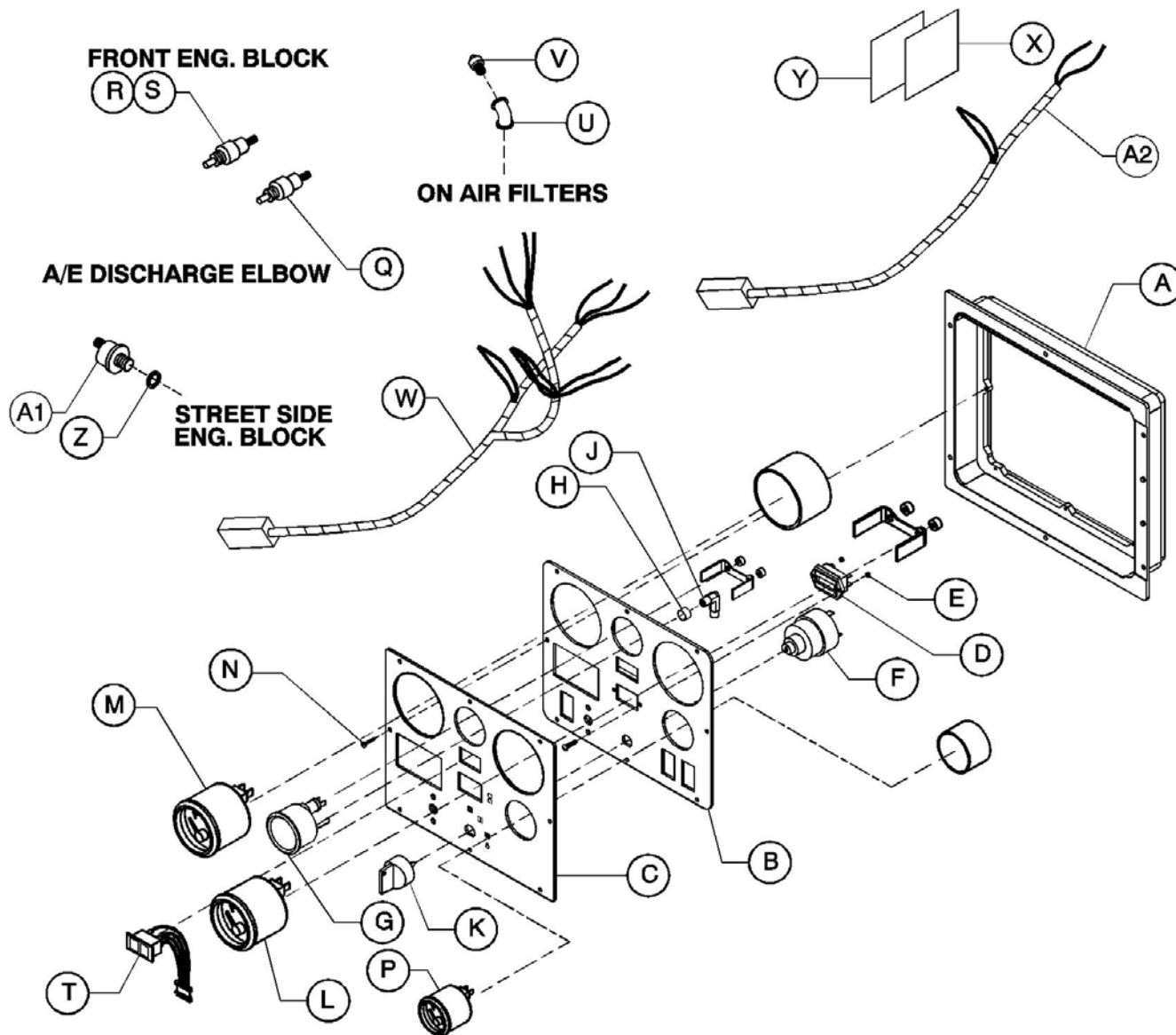


P600_OPT_010_06/04_B

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	22054175	METER, ELECT/MECH HOUR	1	
E	22054159	NUT, PLASTIC #4-40	2	
F	22127385	SWITCH, IGNITION	1	
G	36891216	GAUGE, 250 PSI PRESSURE	1	
H	95935599	COUPLING, STD 1/8 NPT X .75"	1	
J	35370386	ELBOW, 1/8 NPT X 3/8 TUBE	1	
K	22134118	KNOB ASM.	~	
L	22255046	GAUGE, 4 in 1	1	
M	22055883	TACHOMETER	1	
N	22070494	SCREW, PAN HD #8-32 X 0.6	8	

FULL GAUGE INSTRUMENT PANEL wo/ START-RUN VALVE

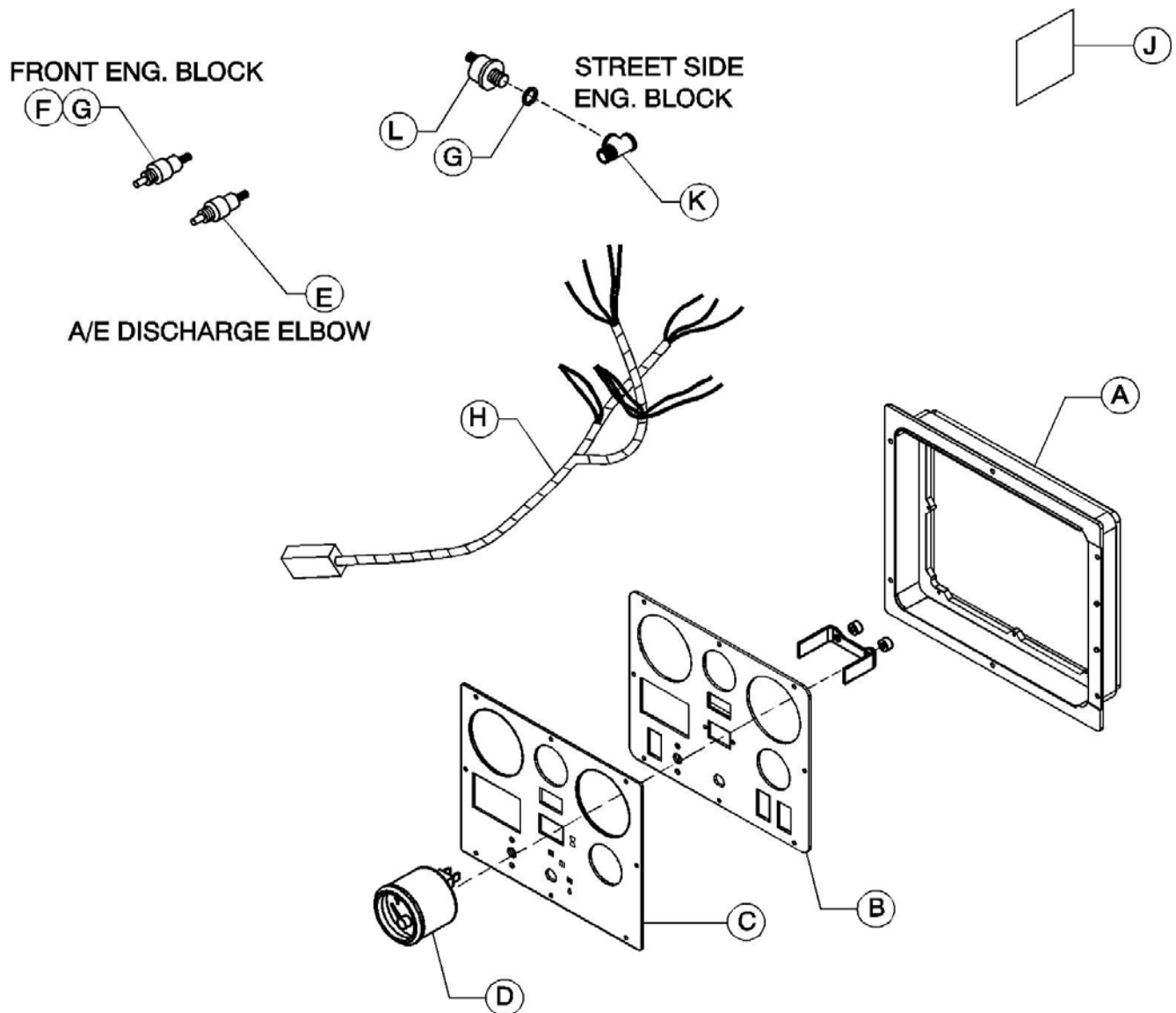
FULL GAUGE INSTRUMENT PANEL wo/ START-RUN VALVE



P600_OPT_010_06/04_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22050991	GAUGE, FUEL LEVEL	1	
Q	54593843	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 1/8 NPT X 45°	1	
V	36847838	SWITCH, VACUUM	1	
W	22251896	HARNESS, OPTION WIRING	1	
X	22530748	LAMINATE, OPTION WIRING DIAGRAM	1	
Y	22530797	LAMINATE, AFRI OPTION WIRING DIAGRAM	1	
Z	35278571	O-RING	1	
A1	36780608	SENDER, OIL PRESSURE	1	
A2	22251904	HARNESS, AIR FILTER RESTRICTION	1	

4-in-1 GAUGE
4-in-1 GAUGE

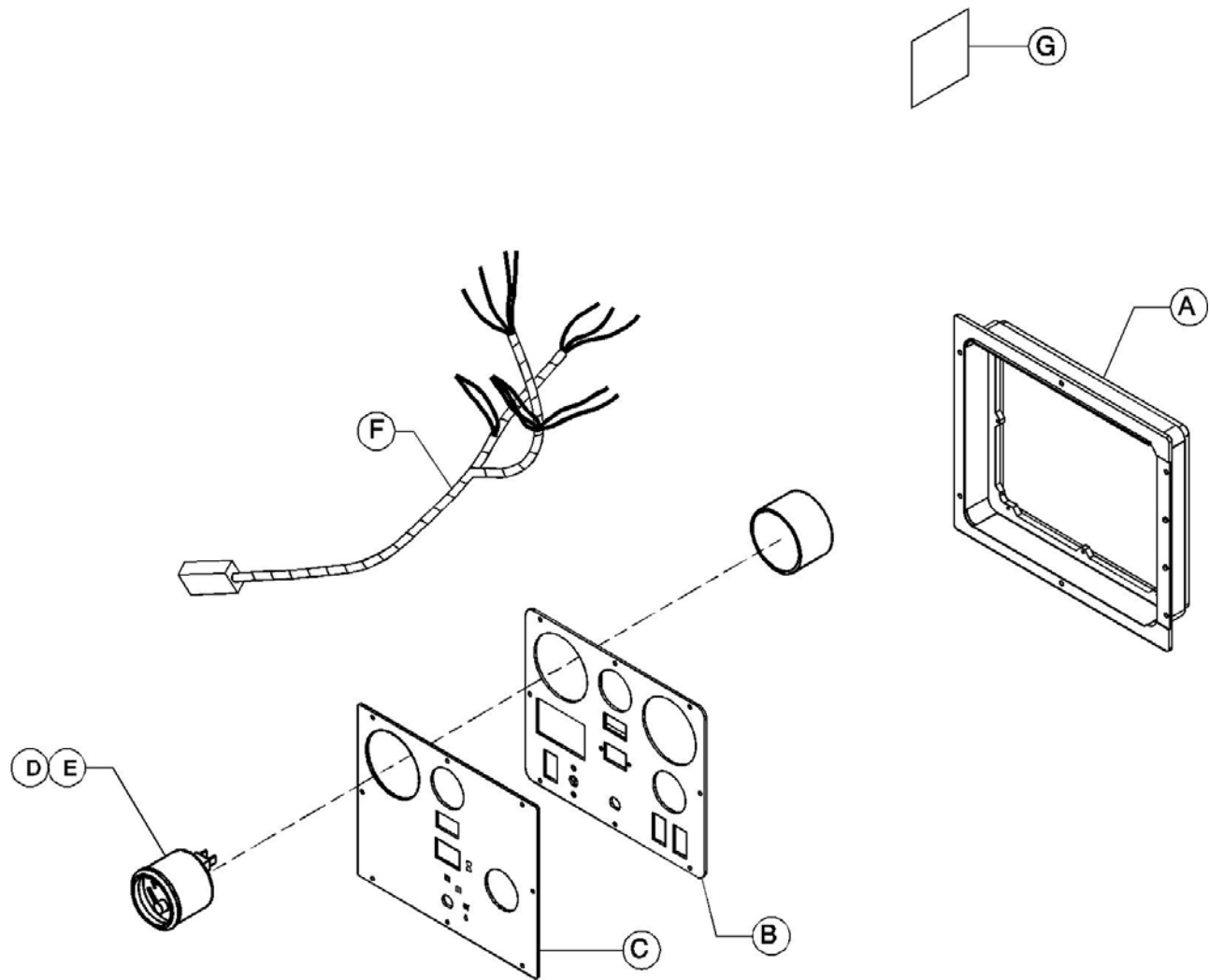


P600_OPT_011_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54749601	FRAME, WW INSTRUMENT PANEL	1	
B	22171680	PANEL, INSTRUMENT	1	
C	22171698	DECAL, WW INSTRUMENT PANEL	1	
D	22255046	GAUGE, 4 in 1	1	
E	35372457	SENDER, ENGINE TEMPERATURE	1	
F	54593843	SENDER, DISCHARGE TEMPERATURE	1	
G	35278571	O-RING	1	
H	22251896	HARNESS, OPTION WIRING	1	
J	22530748	LAMINATE, OPTION WIRING DIAGRAM	1	
K	39127287	TEE, 1/8 NPT STREET	1	
L	36780608	SENDER, OIL PRESSURE	1	

TACHOMETER

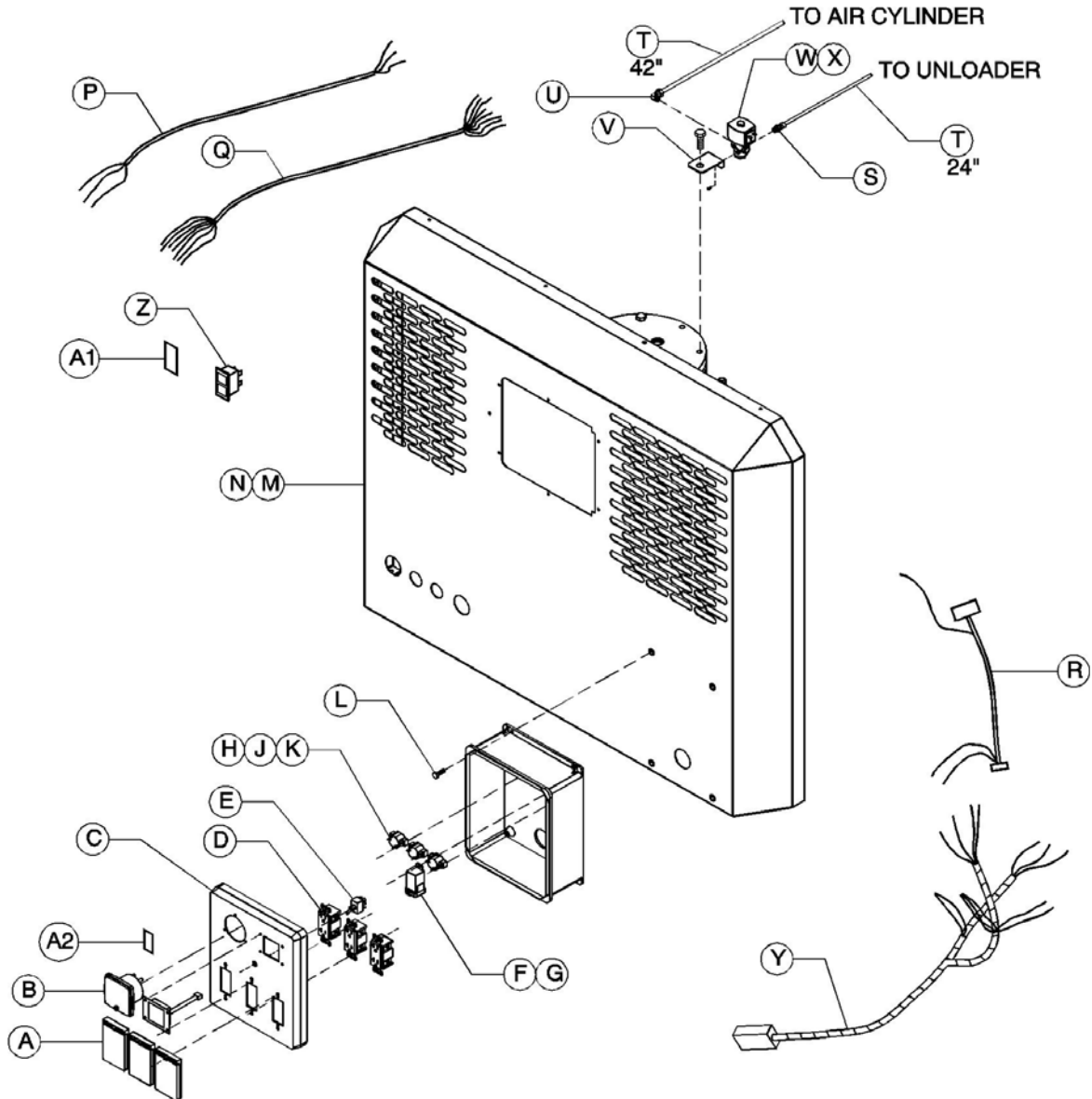
TACHOMETER



P600_OPT_012_06/04_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	GAUGE, TACHOMETER	1	
E	22137426	LAMP, 28V	1	
F	22261465	HARNESS, OPTION WIRING	1	
G	22351217	LAMINATE, OPTION WIRING	1	

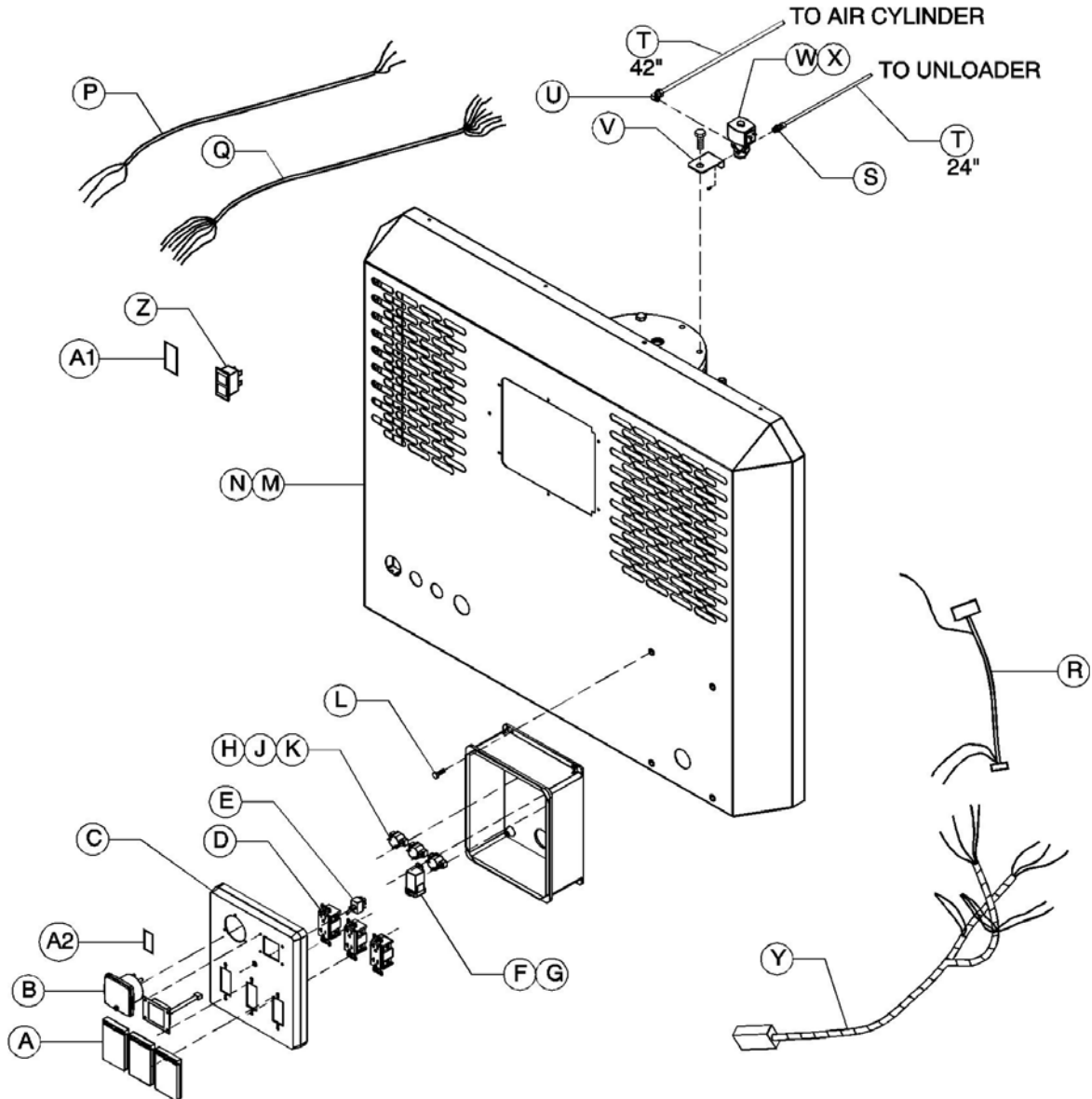
6KW GENERATOR FRONT PANEL
6KW GENERATOR FRONT PANEL



P600_OPT_013_06/04_A

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, PAN HD #10-32 X .75"	6	
K	95923124	NUT, HEX #10-32	6	
L	35279025	SCREW, TAPPING M08-1.25 X 20	4	
M	36895746	NUTSERT, HEX M08	4	
N	22374664	PANEL, FRONT END	1	

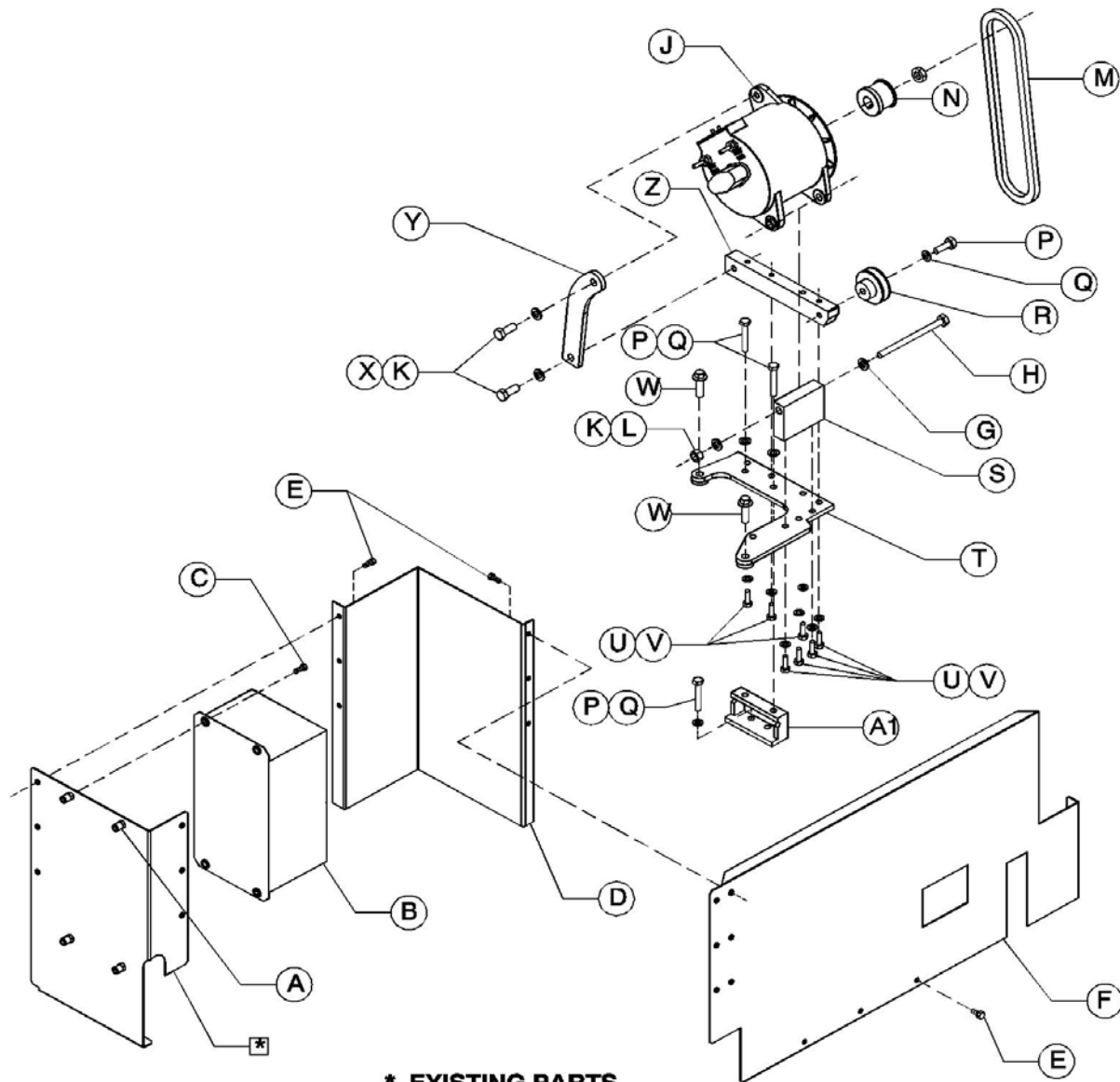
6KW GENERATOR FRONT PANEL
6KW GENERATOR FRONT PANEL



P600_OPT_013_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	22098727	HARNESS, ALTERNATOR	1	SEE LENGTH ABOVE
Q	22098735	HARNESS, AC POWER	1	
R	22098743	HARNESS, STATUS	1	
S	35369347	CONNECTOR, MALE 1/4 NPT X 3/8 TUBE	3	
T	35356484	TUBING, 3/8" SYNFLEX	*	
U	35369354	ELBOW, MALE 1/4 NPT X 3/8 TUBE	1	
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, GEN.-AIR-GEN/AIR	1	

6KW GENERATOR MOUNTING
6KW GENERATOR MOUNTING

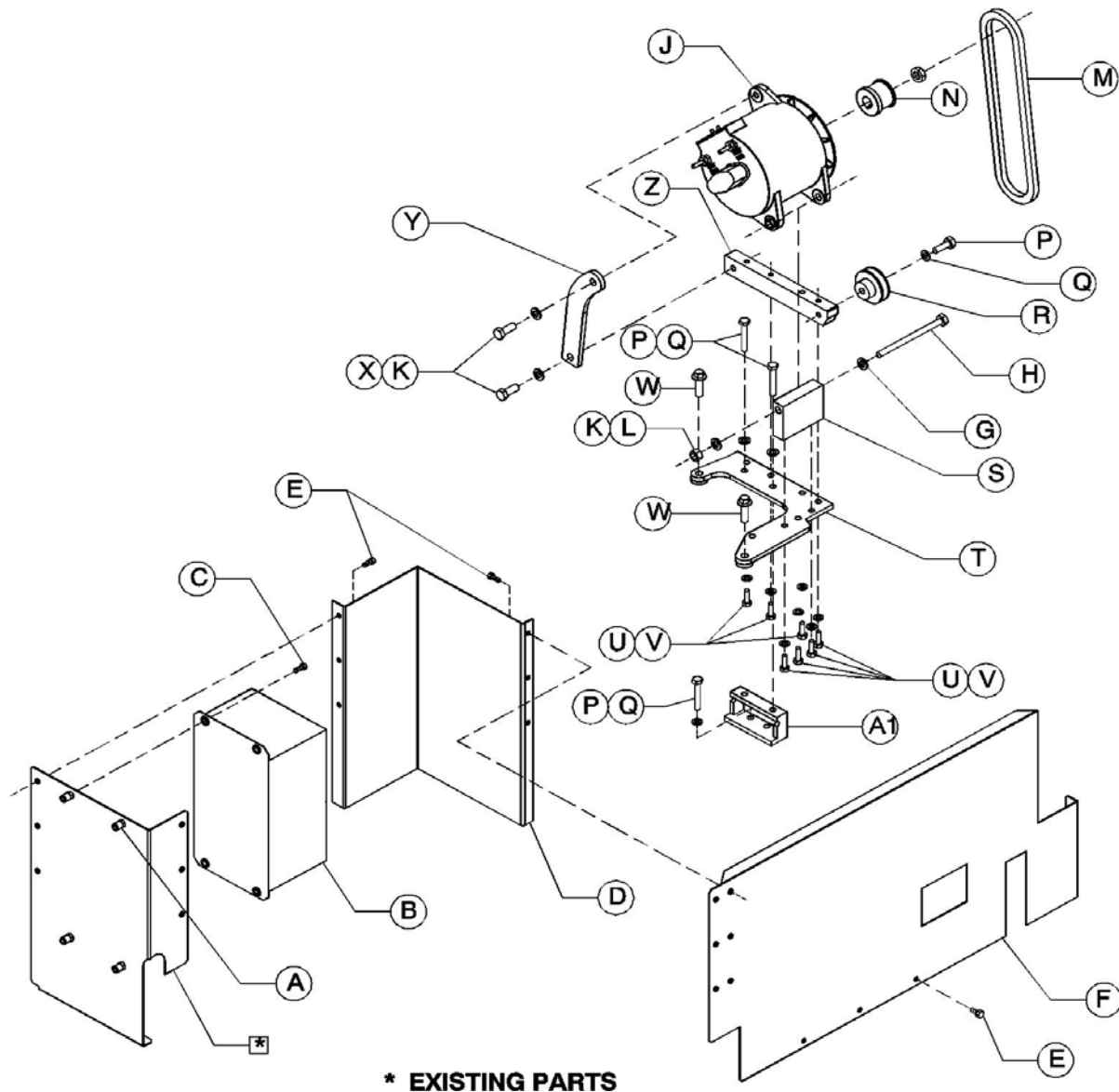


*** EXISTING PARTS**

P600_OPT_014_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36895746	NUTSERT, HEX M08	4	
B	54629696	UNIT, POWER CONVERSION	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	22058333	PANEL, TOOL BOX	1	
G	95935003	WASHER, FLAT 1/2"	3	
H	95955548	SCREW, HEX 1/2-13 X 6"	1	
J	54629746	GENERATOR, 6KW	1	
K	95081824	WASHER, LOCK 1/2"	3	
L	95922902	NUT, HEX 1/2-13	1	
M	22357206	BELT, GENERATOR	1	
N	22307789	PULLEY, GENERATOR	1	

6KW GENERATOR MOUNTING 6KW GENERATOR MOUNTING

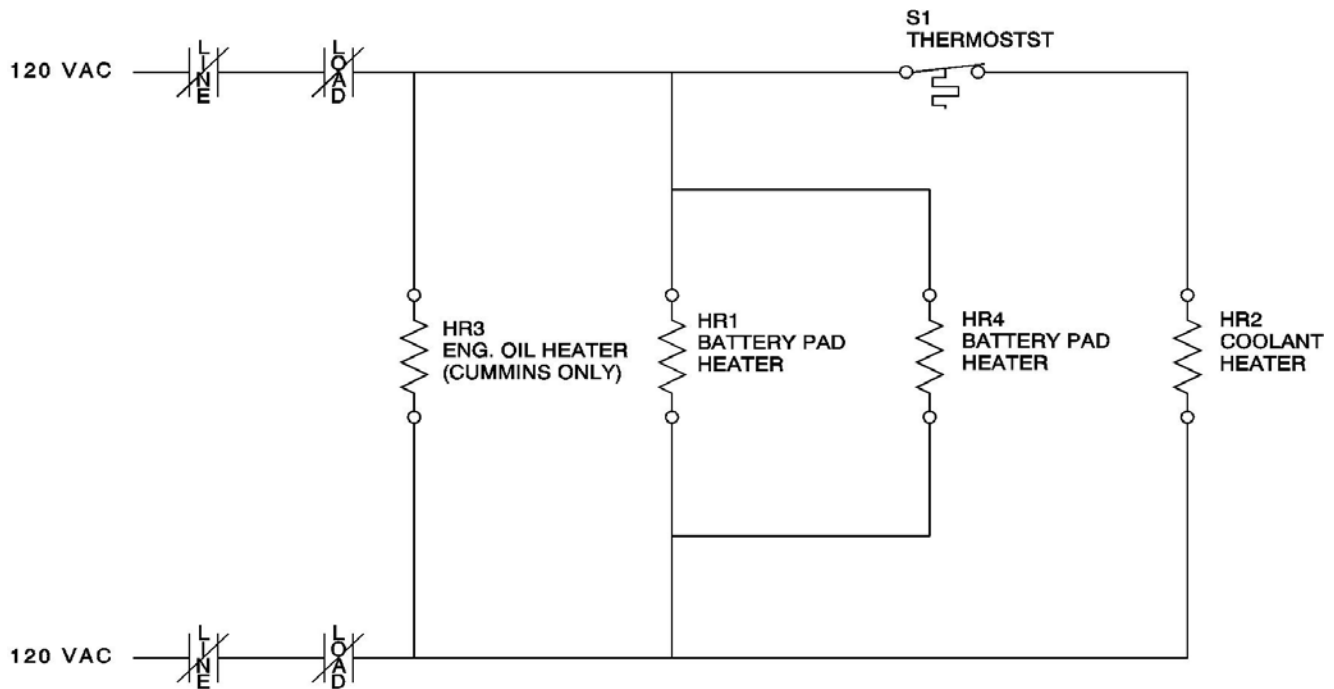


*** EXISTING PARTS**

P600_OPT_014_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
P	96701487	SCREW, HEX M10-1.5 X 30	6	
Q	95935037	WASHER, FLAT M10	6	
R	22360259	PULLEY, IDLER	1	
S	22334585	BRACKET, GENERATOR SIDE	1	
T	22390090	BRACKET, GENERATOR BASE	1	
U	95920674	SCREW, HEX HD3/8-16 X 1"	7	
V	95081857	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	
A1	22372684	BRACKET, GENERATOR SUPPORT	1	

BLOCK HEATER BLOCK HEATER

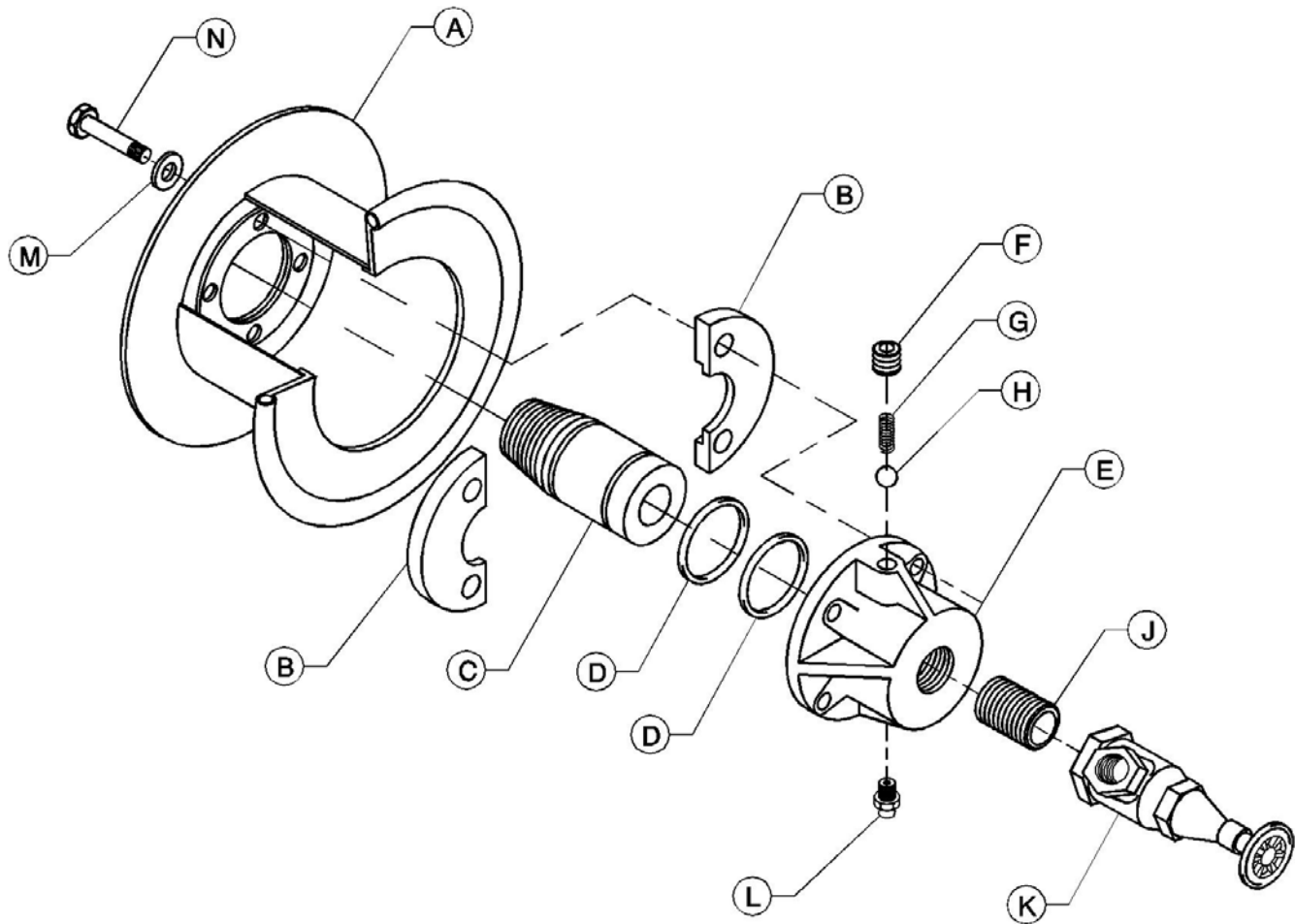


NOTE: REFER TO MODEL FOR LIST OF OPTIONAL HEATERS AVAILABLE

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

HOSE REEL ASSEMBLY

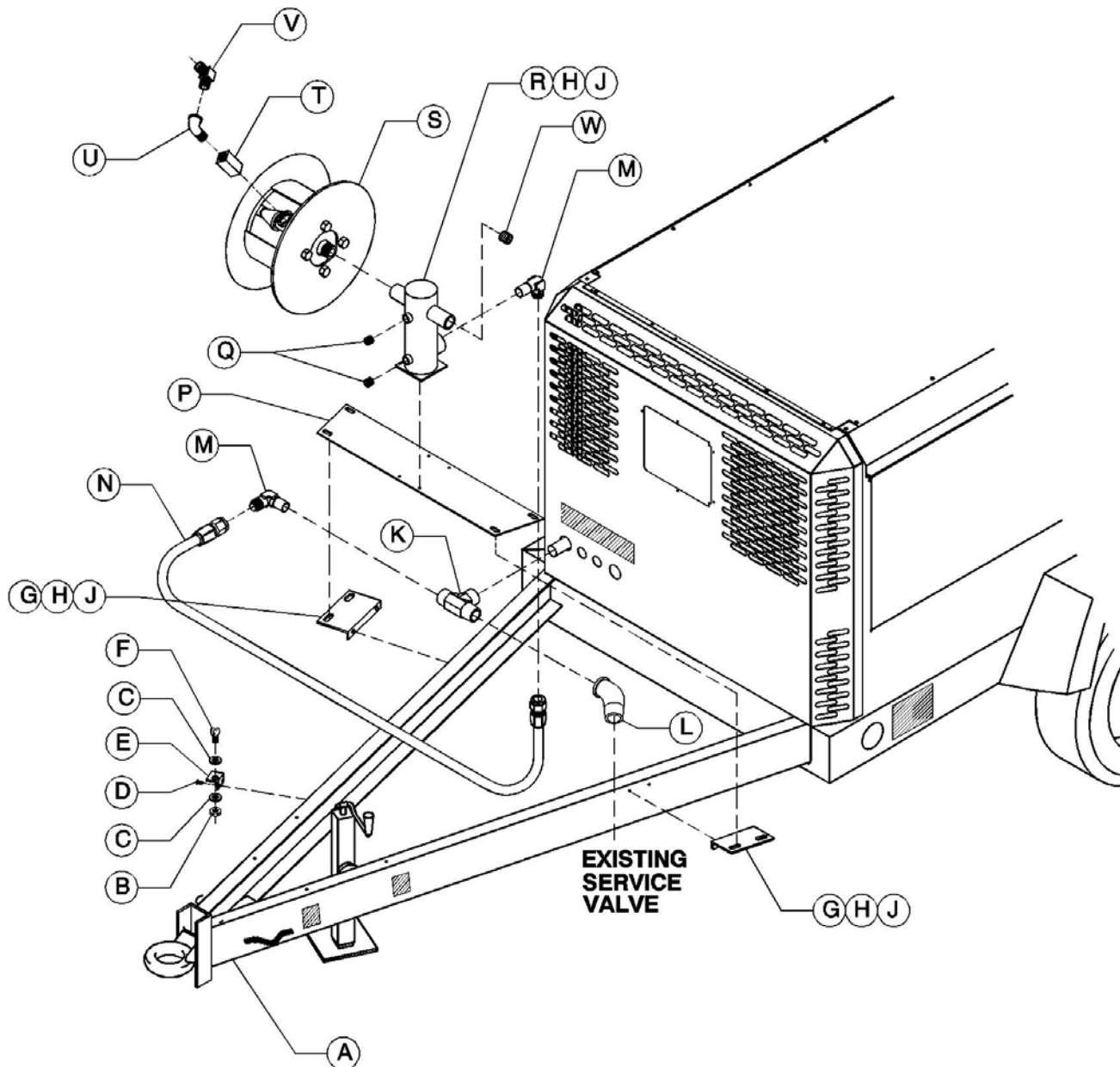
HOSE REEL ASSEMBLY



P600_OPT_016_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36765212	HOSE REEL	1	
B	36765188	COVER, BEARING	2	
C	36765196	SHAFT, BEARING	1	
D	95358297	O-RING	2	
E	36762706	BEARING, HOSE REEL	1	
F	95928222	PLUG	1	
G	90671242	SPRING	1	
H	35221902	BALL, RETARD	1	
J	95928040	NIPPLE	1	
K	95072971	VALVE, GLOBE	1	
L	35221894	FITTING, 1/8" LUBE	1	
M	95937413	WASHER, 3/8" LOCK	4	
N	95934584	SCREW, HEX 3/8-16 X 1.50"	4	

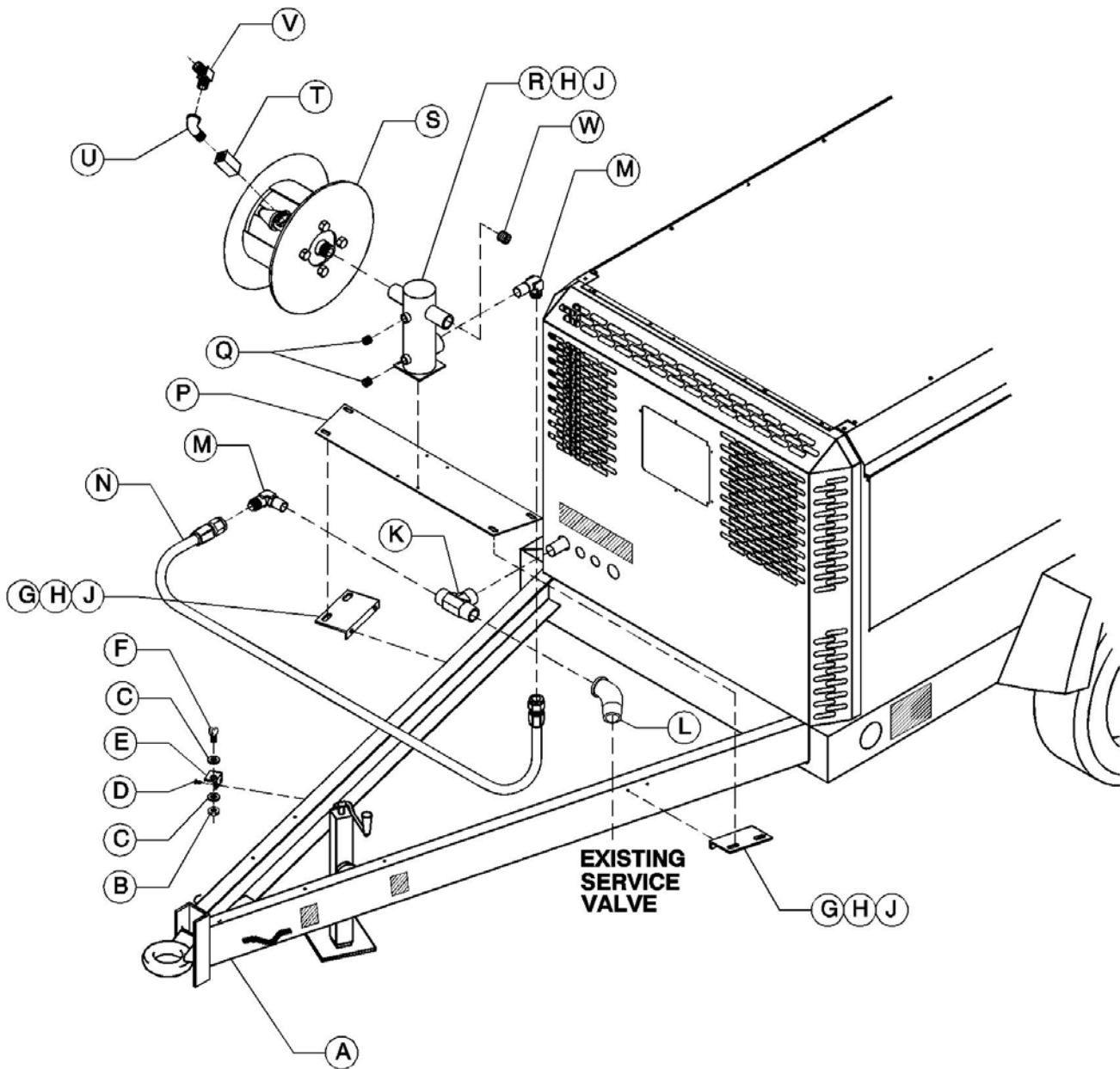
SINGLE HOSE REEL
SINGLE HOSE REEL



P600_OPT_017_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR, EXTENDED LENGTH	1	
B	35153972	CAP, HOSE LOCK	1	
C	95928321	WASHER, FLAT 7/8"	2	
D	92368687	SCREW, TAPPING M06-1.0 X 14	2	
E	35296748	BRACKET, HOSE REEL LOCK	1	
F	35221910	LOCK, COUPLING HOSE	1	
G	35855238	BRACKET, CHANNEL MOUNTING	2	
H	36880995	SCREW, HEX M10-1.50 X 30	12	
J	36879195	NUT, HEX FLANGE M10-1.50	12	
K	95280087	TEE, STREET 1.25 NPT	1	
L	95031522	ELBOW, 45° STREET 1.25 NPT	1	

SINGLE HOSE REEL
SINGLE HOSE REEL

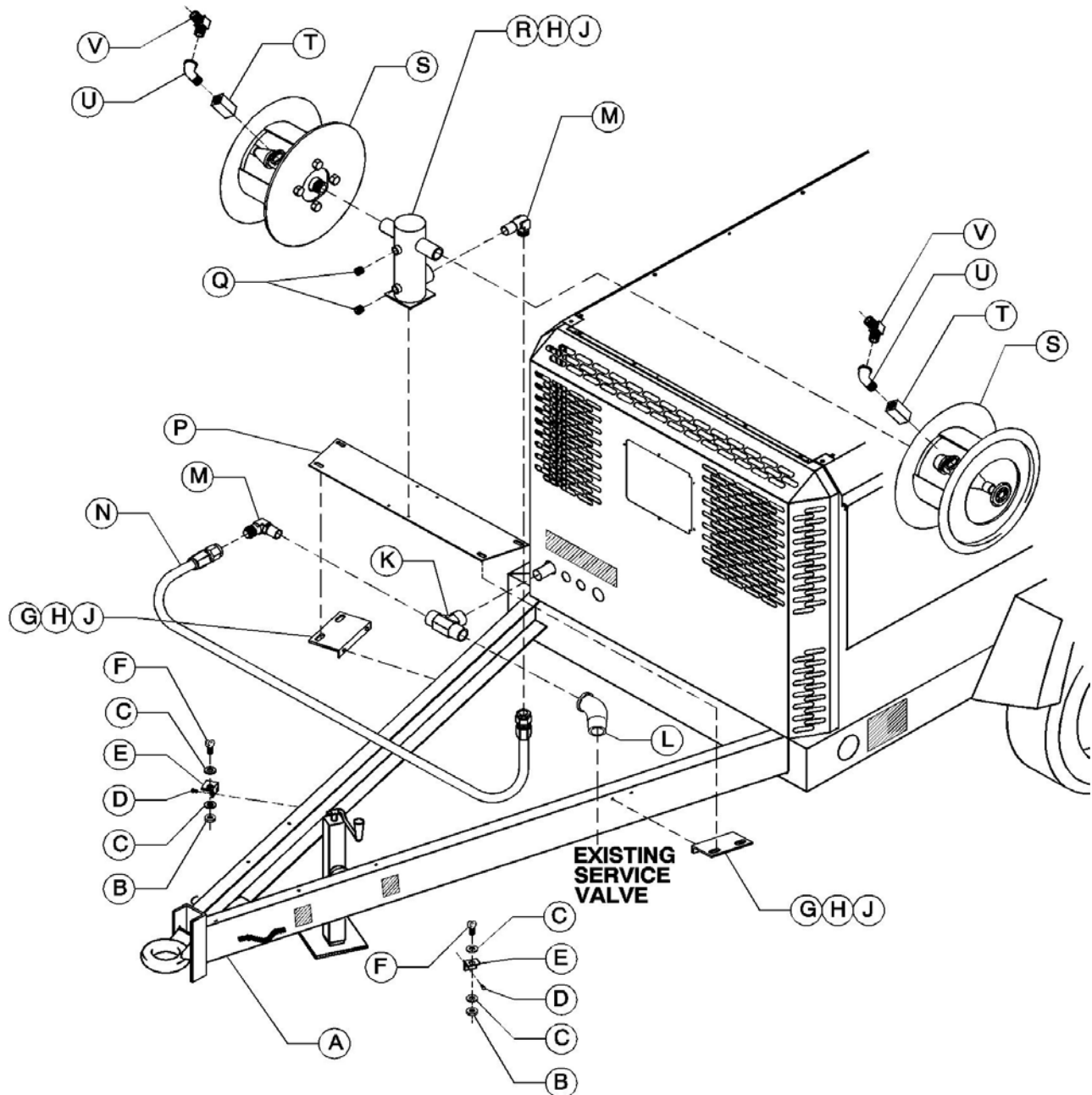


P600_OPT_017_06/04_A

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

DOUBLE HOSE REEL

DOUBLE HOSE REEL

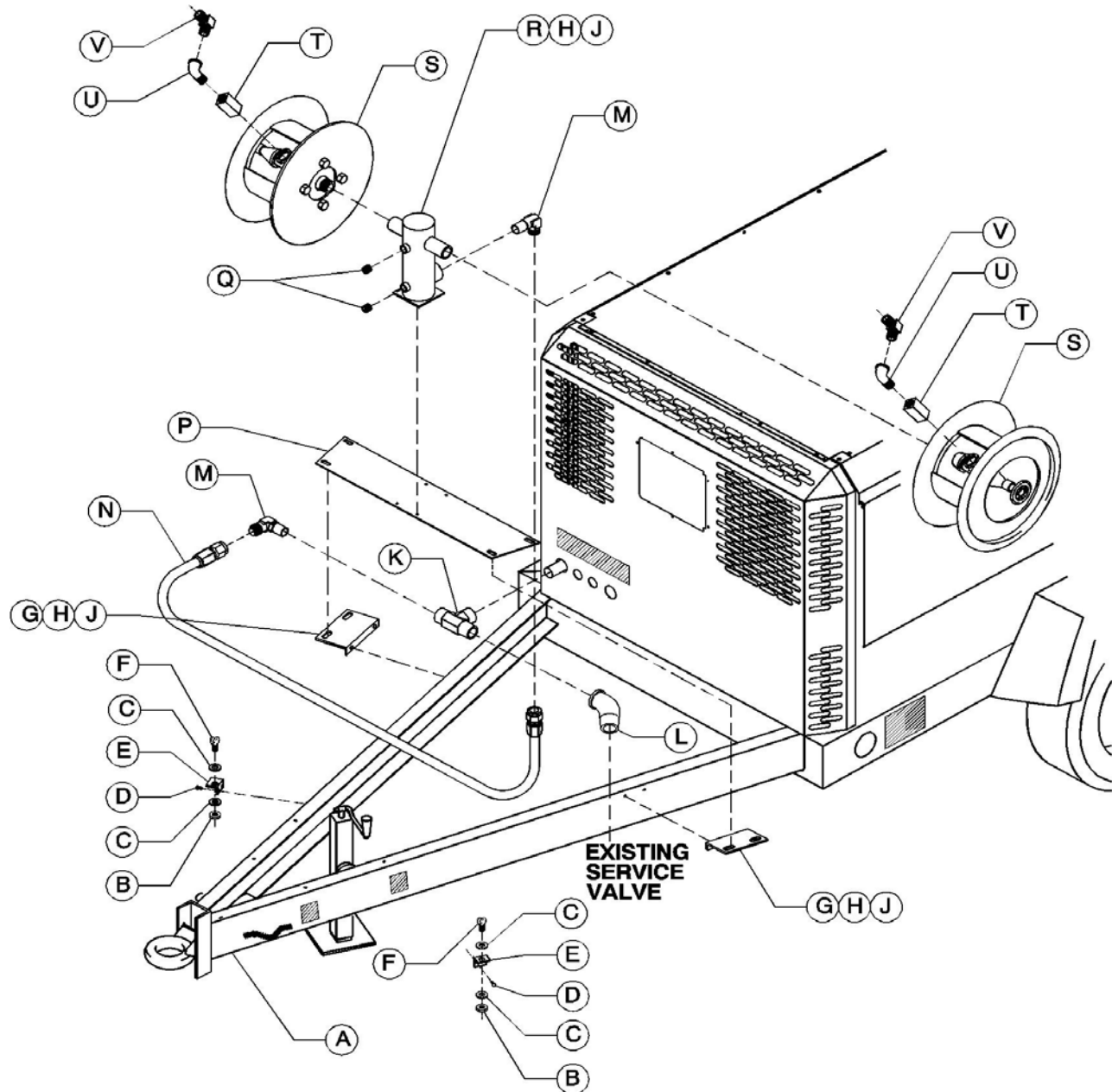


P600_OPT_018_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881191	DRAWBAR, EXTENDED LENGTH	1	
B	35153972	CAP, HOSE LOCK	2	
C	95928321	WASHER, FLAT 7/8"	4	
D	92368687	SCREW, TAPPING M06-1.0 X 14	4	
E	35296748	BRACKET, HOSE REEL LOCK	2	
F	35221910	LOCK, COUPLING HOSE	2	
G	35855238	BRACKET, CHANNEL MOUNTING	2	
H	36880995	SCREW, HEX M10-1.50 X 30	12	
J	36879195	NUT, HEX FLANGE M10-1.50	12	
K	95280087	TEE, STREET 1.25 NPT	1	

DOUBLE HOSE REEL

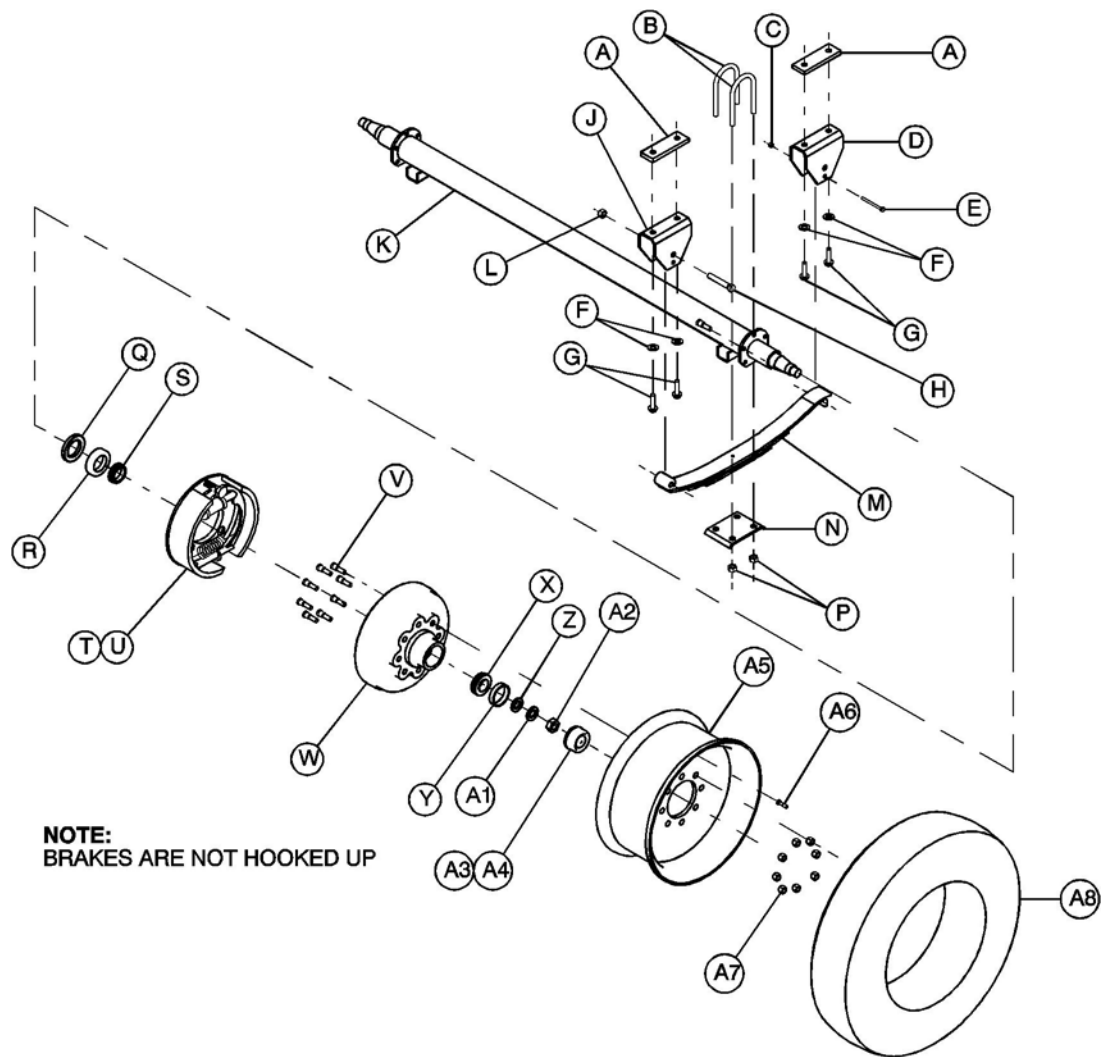
DOUBLE HOSE REEL



P600_OPT_018_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	95031522	ELBOW, 45° STREET 1.25 NPT	1	
M	95219861	ELBOW, 90° 1.25 NPT X -20 J IC TUBE	2	
N	35228170	HOSE	1	
P	36882181	CHANNEL, HOSE REEL	1	
Q	95947149	PLUG, HEX COUNTERSINK 3/4"	2	
R	36755460	MANIFOLD, HOSE REEL	1	
S	35097914	REEL ASM., HOSE	2	
T	35364397	VALVE, OSHA CHECK	2	
U	95928172	ELBOW, STREET 3/4" X 90°	2	
V	95928198	ELBOW, STREET 3/4 NPT X 45°	2	

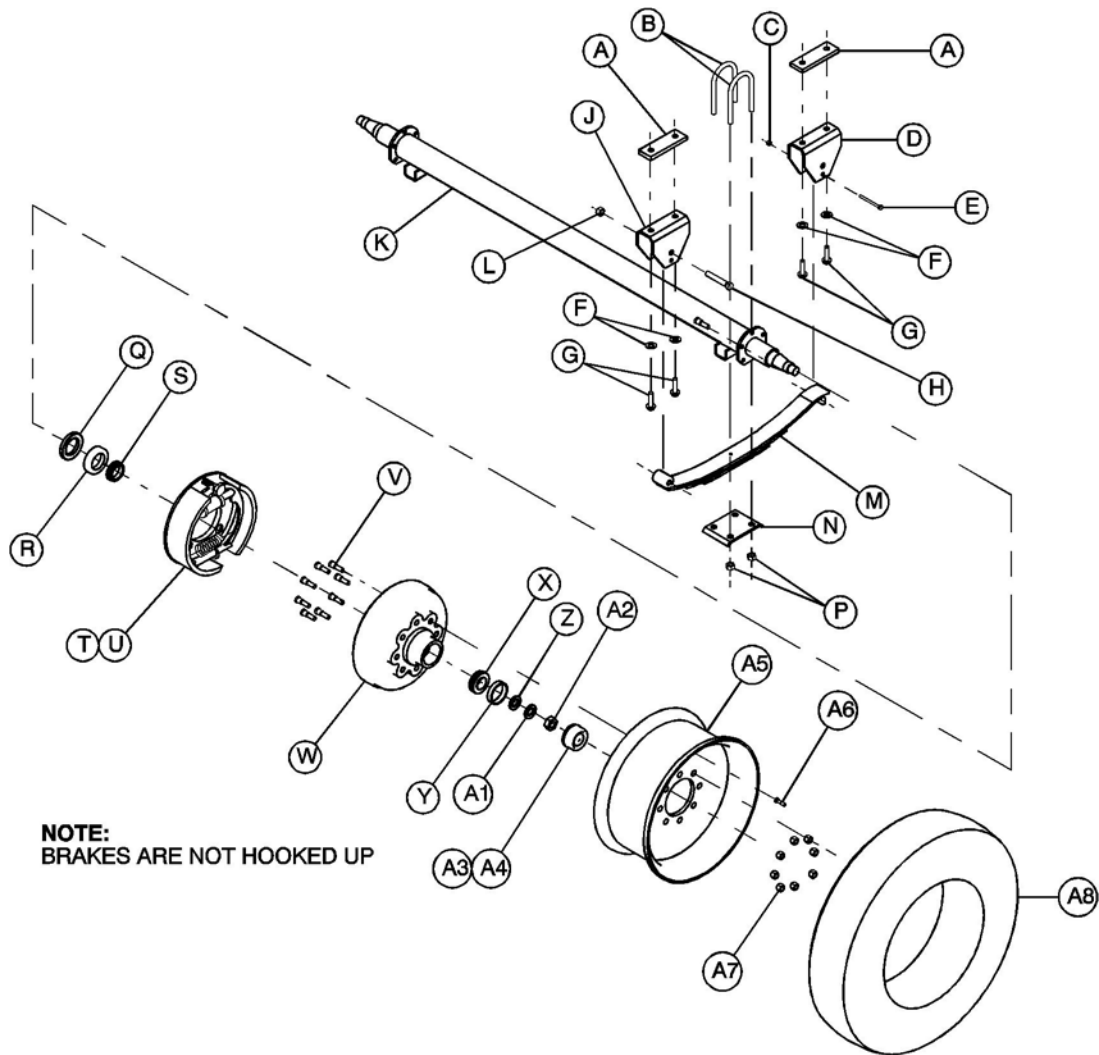
RUNNING GEAR without BRAKES
RUNNING GEAR without BRAKES



P600_OPT_019_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36880599	SPACER, RUNNING GEAR	4	
B	35316959	U-BOLT, 1/2-20	4	
C	35315373	NUT, KEEPER 5/16-18	2	
D	35326966	HANGER, REAR	2	
E	35315365	BOLT, KEEPER 5/16-18 X 3.25"	2	
F	95935003	WASHER, FLAT 1/2"	8	
G	95730395	SCREW, HEX M12-1.75 X 50	8	
H	35315340	BOLT, SHACKLE 9/16-18 X 3.50"	2	
J	35326958	HANGER, FRONT	2	
K	22053995	BEAM, AXLE	1	
L	35315357	NUT, HEX LOCK 9/16-18	2	
M	35315126	SPRING, SLIPPER	2	
N	35316967	PLATE, TIE	2	
P	35315258	NUT, U-BOLT 1/2-20	8	
Q	36865962	SEAL, GREASE	2	
R	35316884	CUP, INNER BEARING	2	

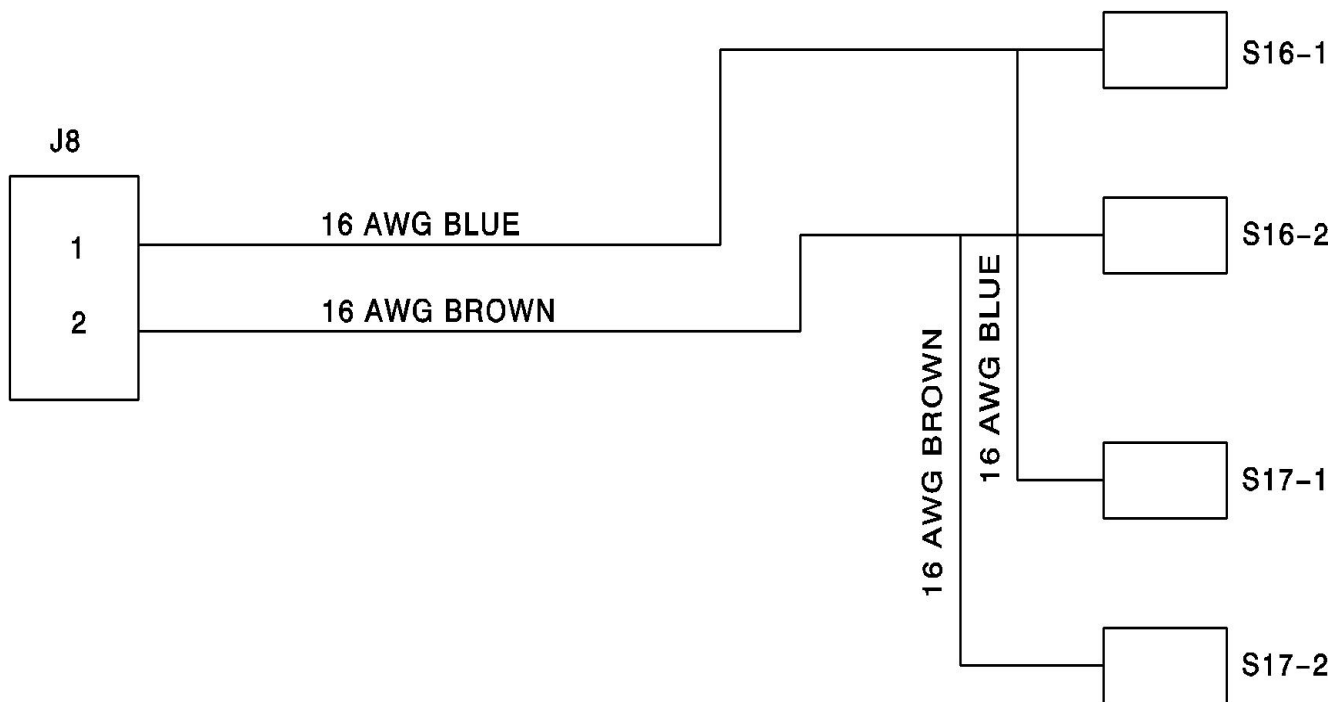
RUNNING GEAR without BRAKES
RUNNING GEAR without BRAKES



P600_OPT_019_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
S	35316876	CONE, INNER BEARING	2	
T	36855377	BRAKE ASM., LH	1	
U	36855385	BRAKE ASM., RH	1	
V	35361898	STUD, WHEEL 1/2-20 X 1.84	16	
W	35388669	HUB, DRUM WITH STUDS	2	
X	35316918	CONE, OUTER BEARING	2	
Y	35316900	CUP, OUTER BEARING	2	
Z	35315209	WASHER, SPINDLE	2	
A1	35390012	WASHER, TANG	2	
A2	35315217	NUT, SPINDLE 1-14	2	
A3	35393792	CAP, GREASE	2	
A4	35391135	PLUG, RUBBER EZ-LUBE	2	
A5	35145234	WHEEL	2	
A6	35148204	STEM, VALVE	2	
A7	35315274	NUT, WHEEL 1/2-20	16	
A8	35148071	TIRE, 875-16LT/E	2	

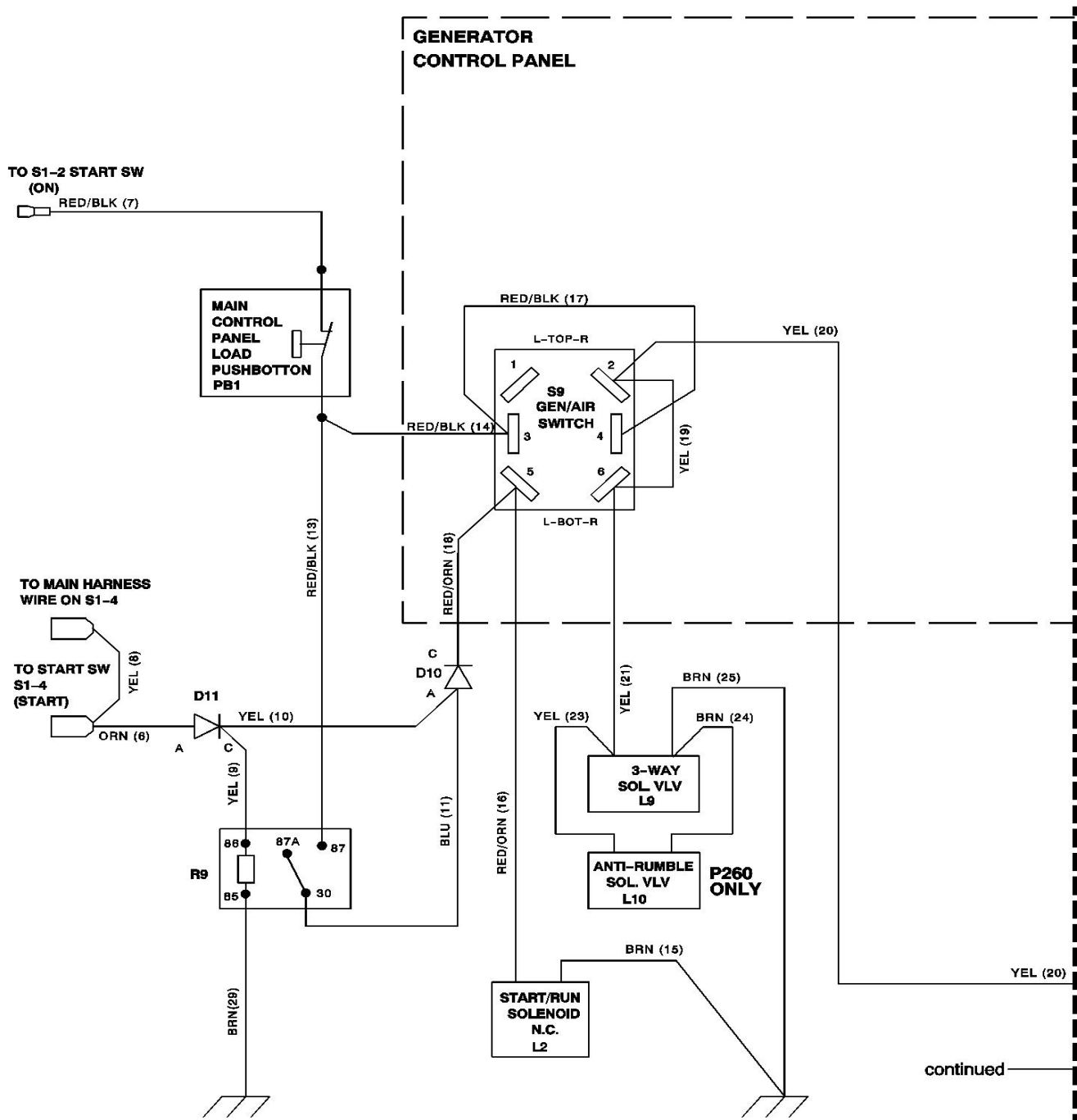
FILTER RESTRICTION WIRING SCHEMATIC
 FILTER RESTRICTION WIRING SCHEMATIC



P600_OPT_020_06/04_A

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

6 KW GENERATOR WIRING SCHEMATIC

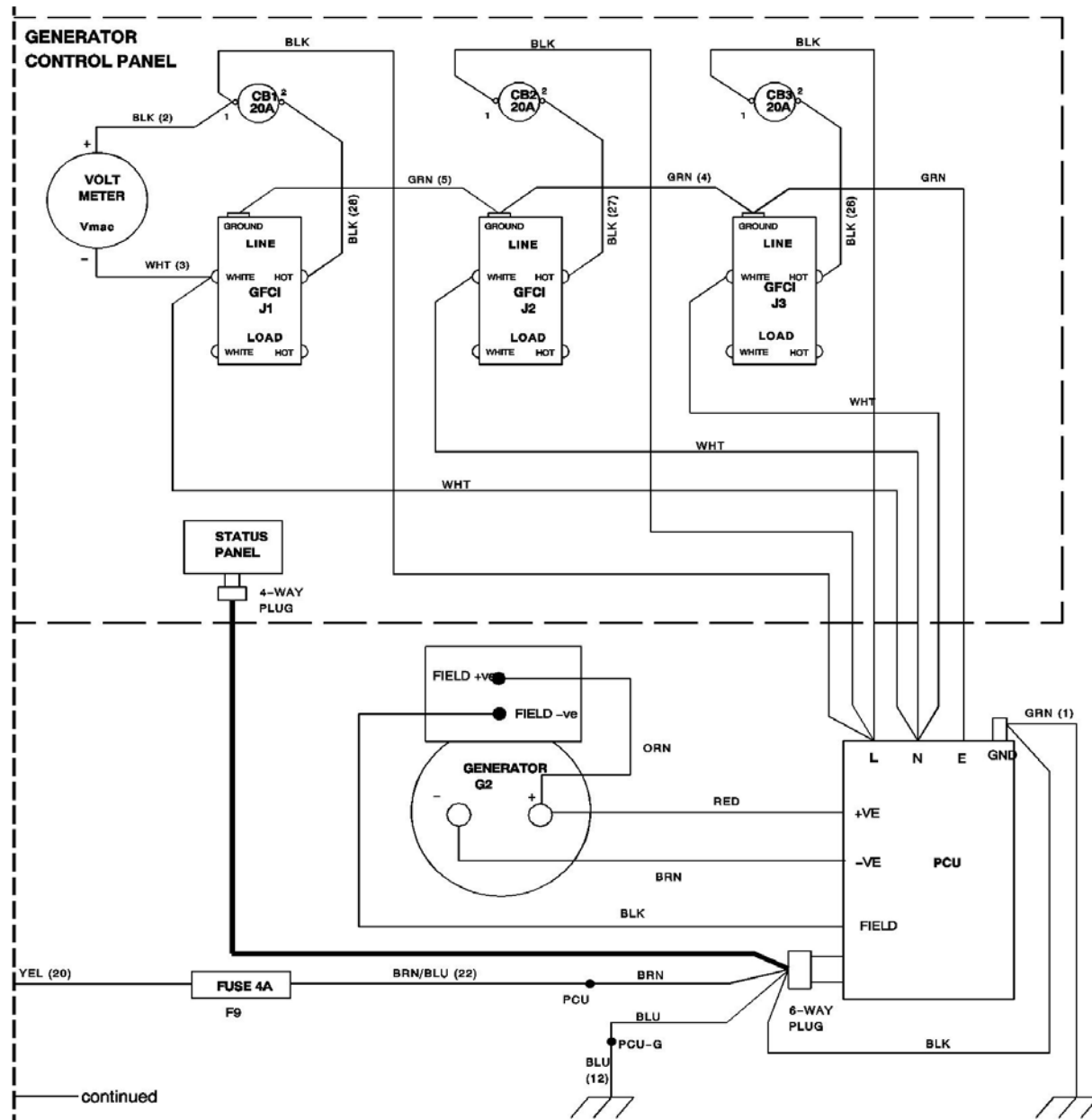


P600_OPT_021_06/04_A

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

6 KW GENERATOR WIRING SCHEMATIC

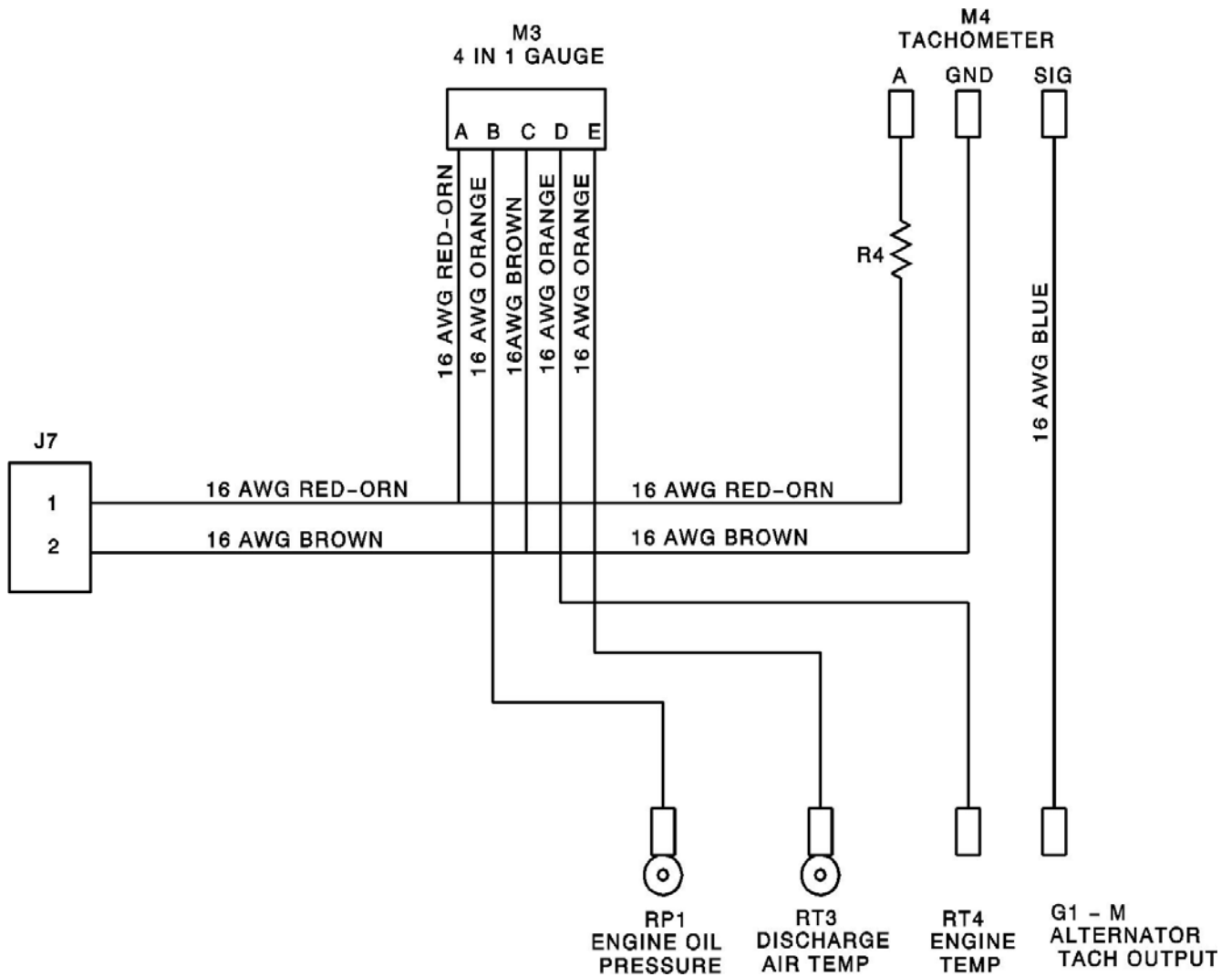
6 KW GENERATOR WIRING SCHEMATIC



P600_OPT_022_06/04_A

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	54629746	GENERATOR, 6 KW	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, 6 KW GENERATOR	1	

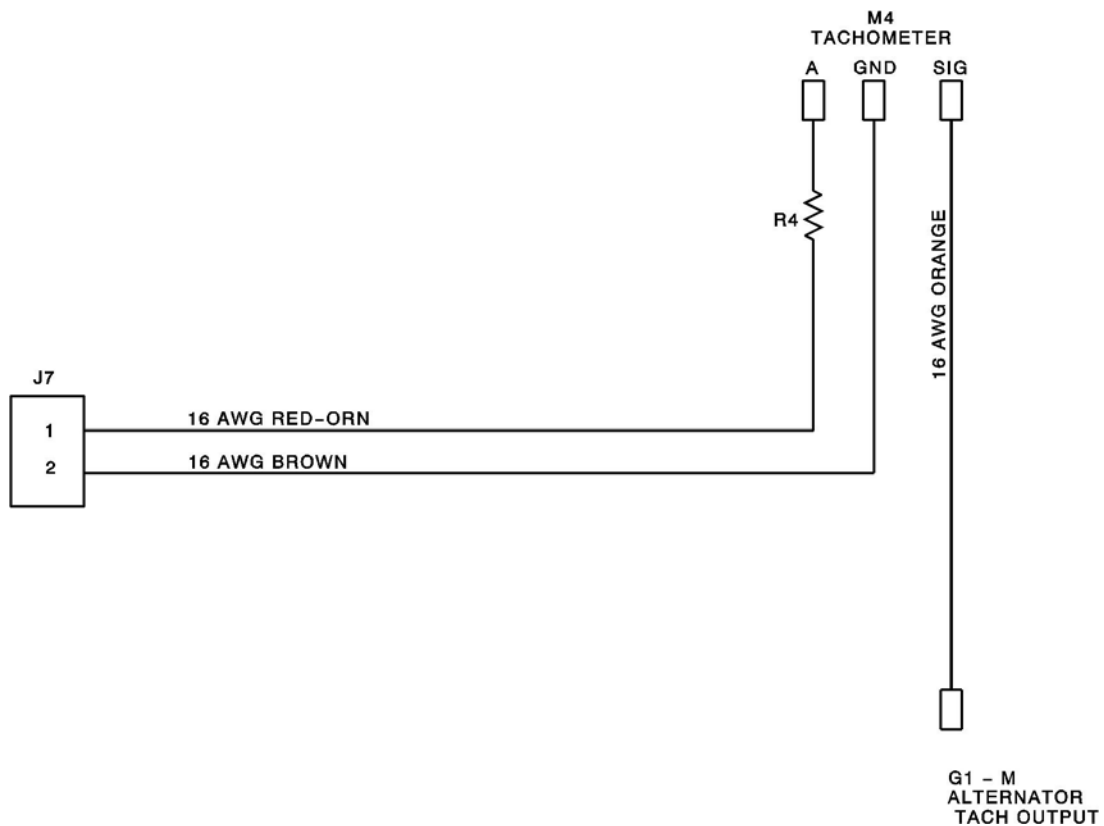
OPTION WIRING SCHEMATIC OPTION WIRING SCHEMATIC



P600_OPT_023_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M3	22255046	GAUGE, FUEL LEVEL	1	
M4	22055883	TACHOMETER	1	
RP1	36870608	SENDER, PRESSURE	1	ENGINE OIL
RT1	54593843	SENDER, TEMPERATURE	1	DISCHARGE AIR
RT2	3532457	SENDER, TEMPERATURE	1	ENGINE WATER
W3	22251896	HARNESS, PANEL WIRING	1	

TACHOMETER WIRING SCHEMATIC TACHOMETER WIRING SCHEMATIC



P600_OPT_024_06/04_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M4	22055883	TACHOMETER	1	
W5	22261465	HARNESS, TACHOMETER WIRING	1	

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