



Ingersoll-Rand

PARTS MANUAL

COMPRESSOR MODEL

**10/425
(NHP1500WCU)**

Code:



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.



Ingersoll-Rand

**Portable Power
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028
www.portablepower.irco.com**

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PARTS ORDERING

GENERAL

This publication, which contains an illustrated parts breakdown, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. All of the compressor parts, listed in the parts breakdown, are manufactured with the same precision as the original equipment. For the greatest protection always insist on genuine Ingersoll-Rand Company parts for your compressor.

NOTICE

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

Ingersoll-Rand Company service facilities and parts are available worldwide. There are Ingersoll-Rand Company Construction Equipment Group Sales Offices and authorized distributors located in the principal cities of the United States. In Canada our customers are serviced by the Canadian Ingersoll-Rand Company, Limited. There are also Ingersoll-Rand International autonomous companies and authorized distributors located in the principal cities throughout the free world.

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.

A series of illustrations show each part distinctly and in location relative to the other parts in the assembly. The part number, the description of the part and the quantity of parts required are shown on each illustration or on adjacent page. The quantities specified are the number of parts used per one assembly and are not necessarily the total number of parts used in the machine. Where no quantity is specified the quantity is assumed to be one.

Each description of a part is based upon the "noun first" method, i.e., the identifying noun or item name is always the first part of the description. The noun name is generally followed by a single descriptive modifier. The descriptive modifier may be followed by words or abbreviations such as upper, lower, inner, outer, front, rear, RH, LH, etc. when they are essential.

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, 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. In order to clarify the proper usage and for exact replacement parts, all standard fasteners have been identified by part number, size and description. This will enable a customer to obtain fasteners locally rather than ordering from the factory. These parts are identified in tables that will be found at the rear of the parts illustrations. Any fastener that has not been identified by both part number and size is a specially engineered part that must be ordered by part number to obtain the exact replacement part.

MARKINGS AND DECALS

NOTICE

Do not paint over safety warnings or instructional decals. If safety warning decals become illegible, immediately order replacements from the factory.

Part numbers for original individual decals and their mounting locations are shown within Parts List Section. These are available as long as a particular model is in production.

Afterwards, service sets of exterior decals and current production safety warning decals are available. Contact the Product Support Group at Mocksville for your particular needs and availability.

HOW TO USE PARTS LIST

- a. Locate the area or system of the compressor in which the desired part is used and find illustration page number.
- b. Locate the desired part on the illustration by visual identification and make note of part number and description.

HOW TO ORDER

The satisfactory ordering of parts by a purchaser is greatly dependent upon the proper use of all available information.

In order that all avoidable errors may be eliminated, the following instructions are offered as a guide to the purchaser when ordering replacement parts:

- a. Always specify the model number of the unit as shown on the general data decal attached to the unit.
- b. Always specify the serial number of the unit. **THIS IS IMPORTANT.** The serial number of the unit will be found stamped on a plate attached to the unit. (The serial number on the unit is also permanently stamped in the metal of the frame side rail.)
- c. Always specify the number of the parts list publication.
- d. Always specify the quantity of parts required.
- e. Always specify the part number, as well as the description of the part, or parts, exactly as it is given on the parts list illustration.

In the event parts are being returned to your nearest sales office, autonomous company or authorized distributor, for inspection or repair, it is important to include the serial number of the unit from which the parts were removed.

AIREND EXCHANGE PROGRAM

Ingersoll-Rand offers an airend exchange program to benefit portable compressor users.

Consult the Ingersoll-Rand representative for details.

For parts, service or information, regarding your local U.S. Latin America or Asia Pacific distributor, please contact:

Facility:	Telephone	Fax:
Ingersoll-Rand Company	800-633-5206 (US & Canada)	336-751-1579 (US & Canada)
501 Sanford Ave	305-222-0835 (Latin America)	336-751-4325 (Latin America)
P.O. Box 868	65-860-6863 (Asia Pacific)	336-751-4325 (Asia Pacific)
Mocksville, N.C. 27028		

Office hours: Monday-Friday 8:00 a.m. to 5:30 p.m. (EST)

For information on how to order parts or information regarding your local distributor
(Europe, Middle East, Africa) please contact:

Facility:
Portable Power Aftermarket ESA
Ingersoll-Rand European Sales Ltd
Swan Lane, Hindley Green
Wigan WN2 4 EZ
United Kingdom

Telephone: +44 (0) 1942 257 171
Emergency order telephone #: +44 (0) 777 617 0921
Fax: +44 (0) 1942 523 417

Office hours: Monday-Friday 8:00 a.m. to 4:30 p.m. (GMT)

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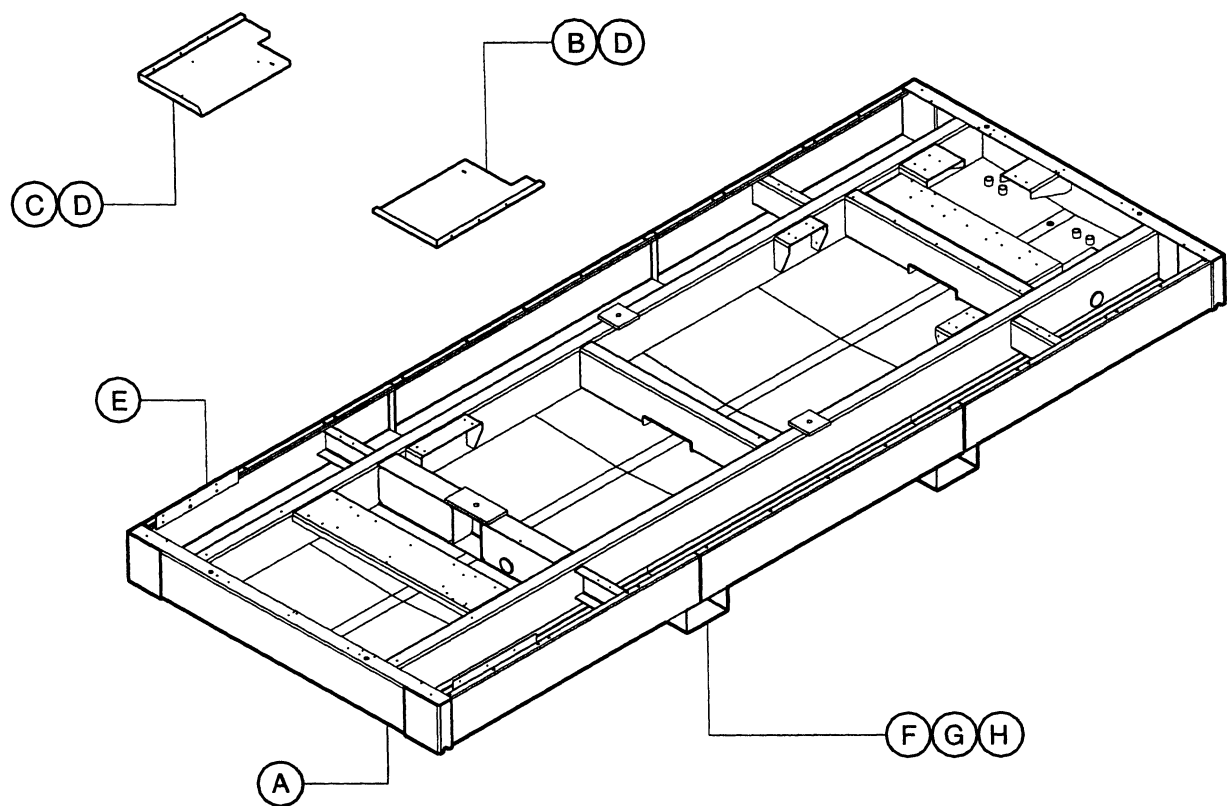
WIRING DIAGRAM

ENCLOSURE ASSEMBLY

ACOUSTIC ASSEMBLY

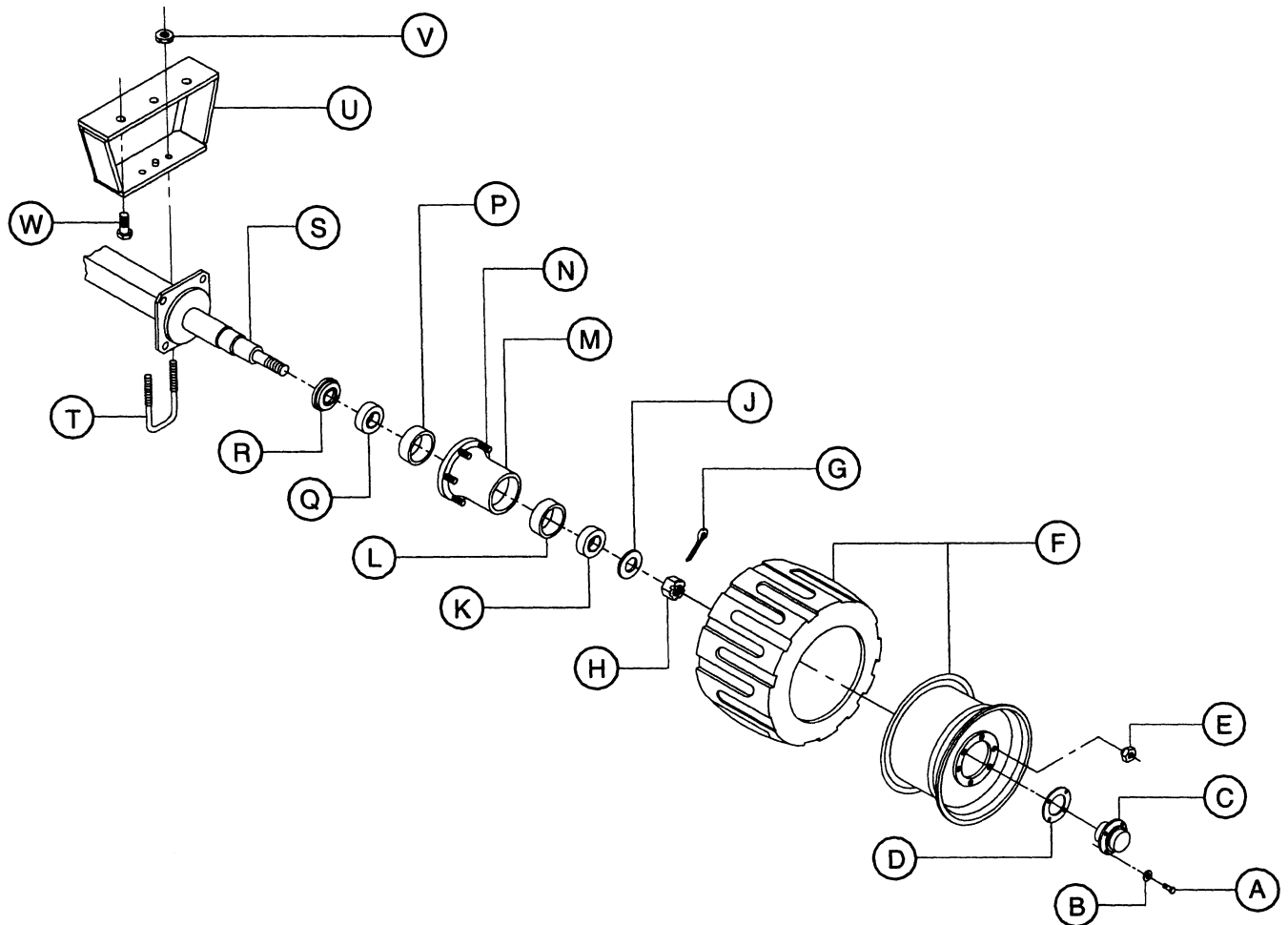
DECAL LOCATION

FRAME ASSEMBLY



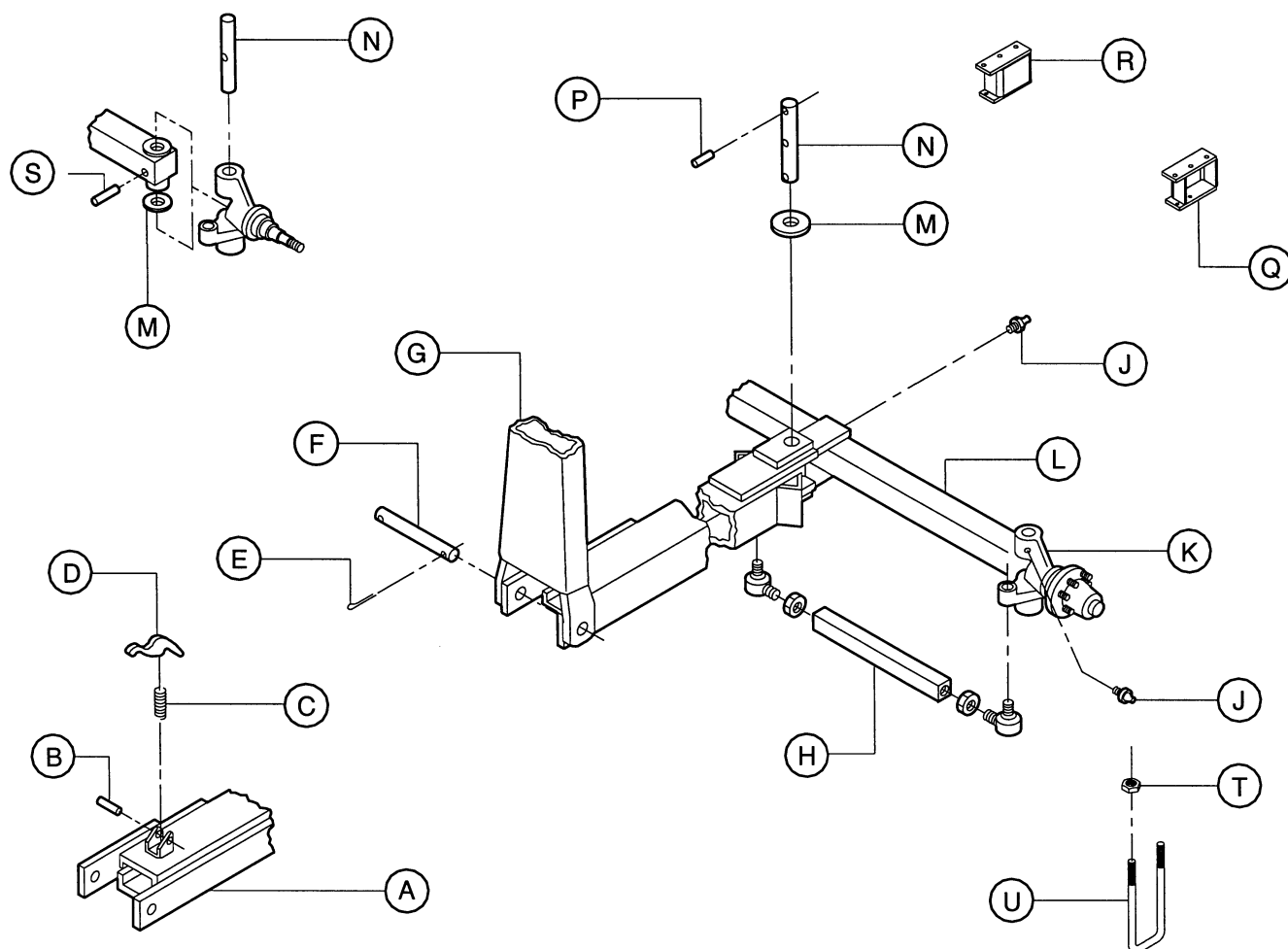
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36922185	1	FRAME ASSEMBLY				
B	54631684	1	PLATE , R.H. COVER				
C	54631676	1	PLATE , L.H. COVER				
D	35279025	----	SCREW				
E	54631668	2	SUPPORT , PLATE				
F	54500798	2	TUBE , FORKLIFT				
G	36763670	8	SCREW				
H	54676796	8	WASHER				

RUNNING GEAR ASSEMBLY



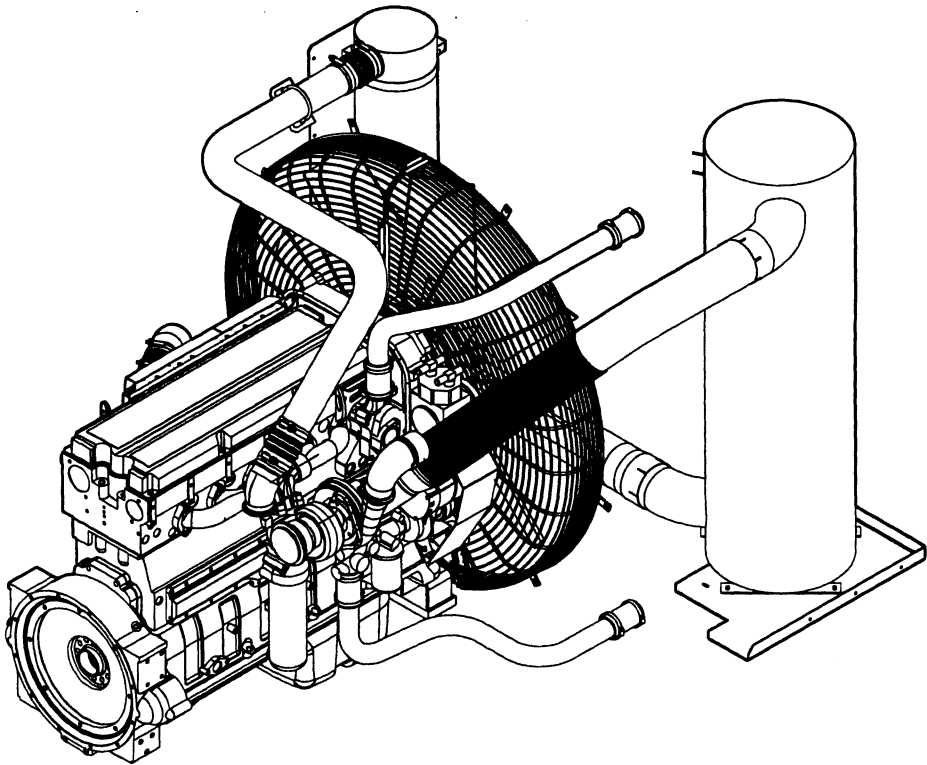
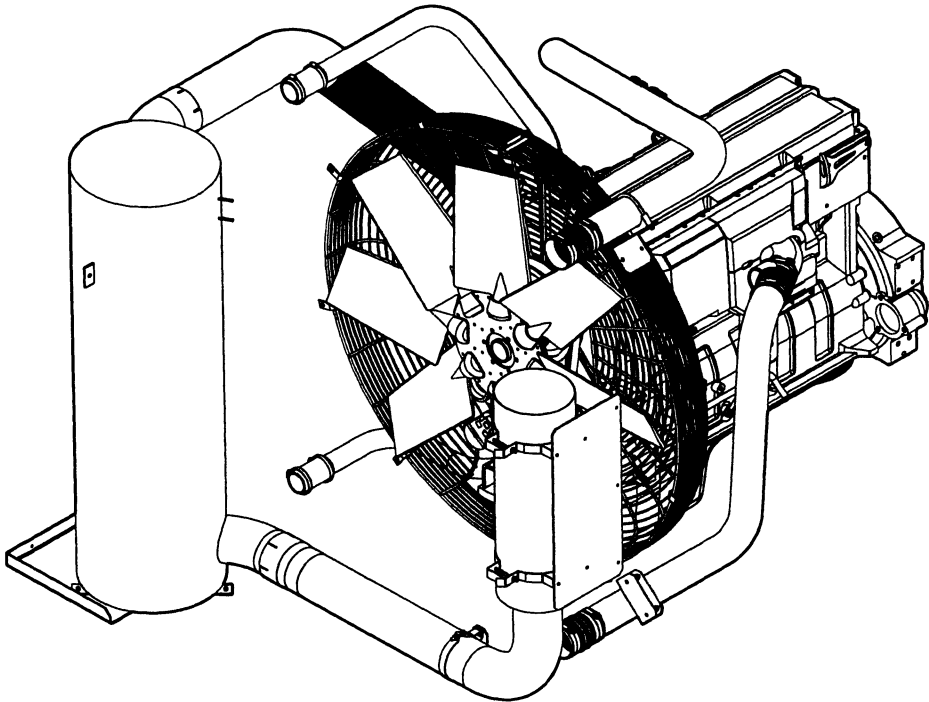
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54677240	24	SCREW				
B	54677257	24	WASHER				
C	54677224	6	CAP , GREASE				
D	54677232	6	GASKET				
E	54676705	36	NUT				
F	54676689	6	WHEEL AND TIRE ASSEMBLY				
G	35281229	6	PIN , COTTER				
H	35360098	6	NUT , SPINDLE				
J	35360080	6	WASHER , SPINDLE				
K	54677182	6	CONE , OUTER BEARING				
L	54677190	6	CUP , OUTER BEARING				
M	54676853	2	FRONT HUB ASSEMBLY				
	54676879	4	REAR HUB ASSEMBLY				
N	54677265	36	STUD , WHEEL				
P	54677208	6	CUP , INNER BEARING				
Q	54677174	6	CONE , INNER BEARING				
R	54677216	6	SEAL				
S	54676648	2	REAR AXLE ASSEMBLY				
T	54676747	8	U-BOLT				
U	54385752	4	SUPPORT , REAR AXLE				
V	54676762	16	NUT				
W	36763670	12	SCREW				

RUNNING GEAR ASSEMBLY



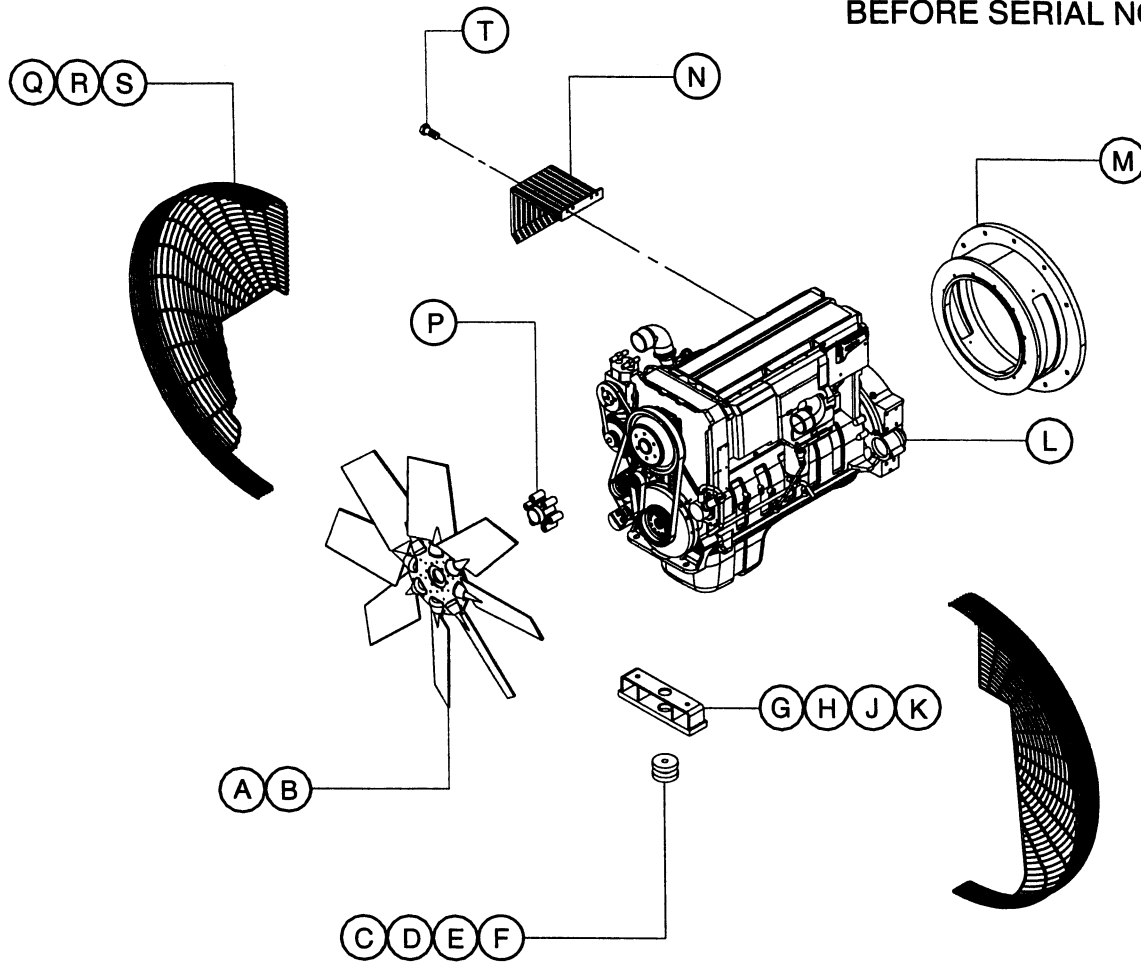
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54676804	1	CENTER ARM ASSEMBLY				
B	35281666	1	PIN , ROLL				
C	35281674	1	SPRING				
D	54676812	1	LATCH , PEDAL				
E	NO PART NUMBER						
F	NO PART NUMBER						
G	54676663	1	DRAWBAR ASSEMBLY				
H	54676796	2	TIE ROD ASSEMBLY				
J	35281773	6	FITTING , LUBE				
K	54676838	1	KNUCKLE ASSEMBLY , R.H.				
	54676820	1	KNUCKLE ASSEMBLY , L.H.				
L	54676622	1	FRONT AXLE ASSEMBLY				
M	54676903	4	WASHER				
N	54677166	3	PIN , KING				
P	54676945	1	PIN , SPRING				
Q	54424114	1	SUPPORT , L.H.				
R	54424569	1	SUPPORT , R.H.				
S	54676929	2	PIN , ROLL				
	35603661	2	BRACKET , WHEEL CHOCK				
	35333830	2	STRAPS , WHEEL CHOCK				
	35603190	2	CHOCK , WHEEL				
T	54676762	12	NUT				
U	54676747	2	U-BOLT				

ENGINE ASSEMBLY



ENGINE ASSEMBLY

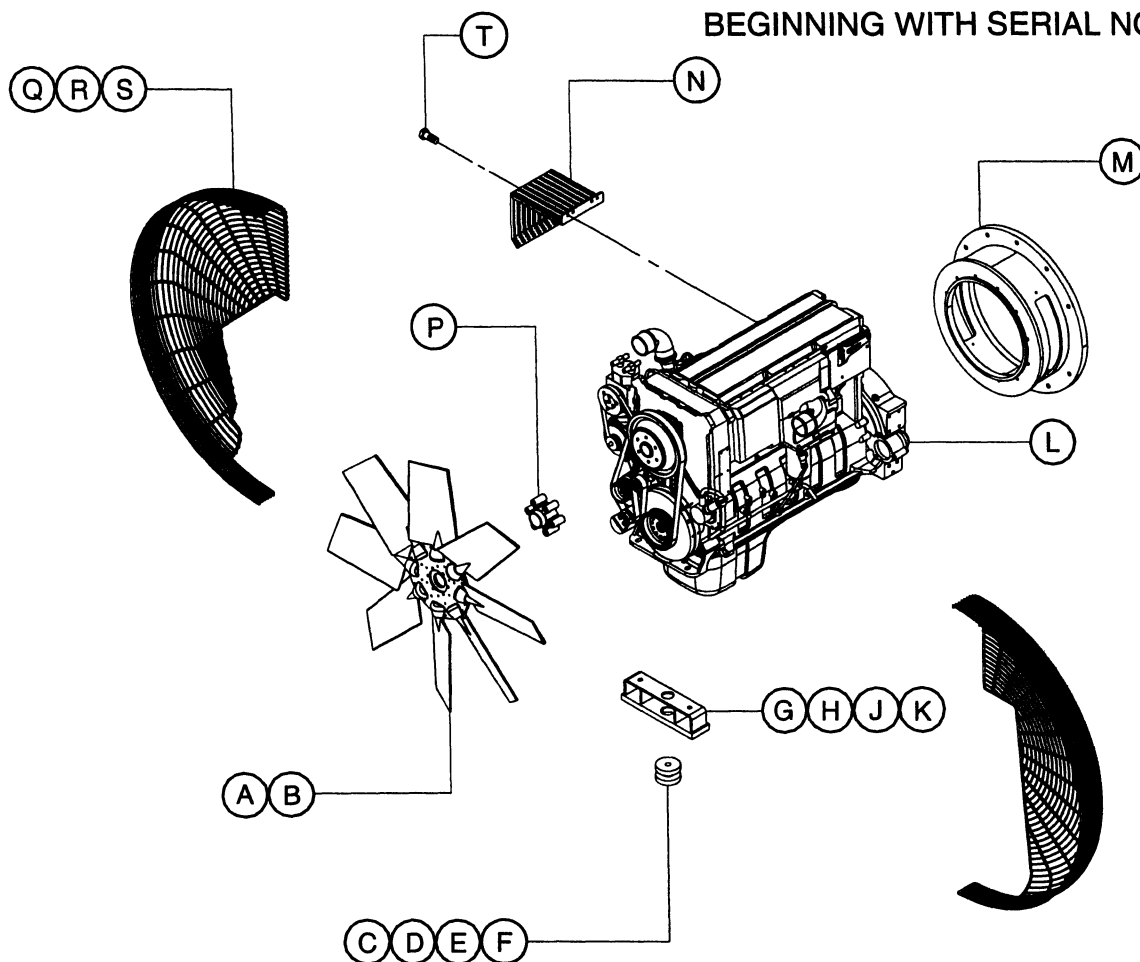
BEFORE SERIAL NO. 325561



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36884047	1	FAN , 54 INCH				
B	95104303	6	SCREW				
C	36921302	1	MOUNT , RUBBER				
D	54610621	1	WASHER				
E	54720768	1	SCREW				
F	51206787	1	NUT				
G	36921492	1	MOUNT , ENGINE				
H	36763670	2	SCREW				
J	95935011	2	WASHER				
K	35297340	2	NUT				
L	54482427	1	ENGINE				
M	54592951	1	ADAPTER , AIR END				
N	54687322	1	GUARD , TURBO				
P	54409339	1	SPACER , FAN				
Q	54501085	1	GUARD , FAN				
R	35279025	8	SCREW				
S	36898096	2	SCREW				
T	36879492	2	SCREW				
	54604343	1	PUMP , HYDRAULIC				
	54662028	1	FILTER , ENGINE OIL				
	54662036	1	FILTER , ENGINE FUEL				
	54662051	1	FILTER , ENGINE COOLANT				
	54728696	1	BELT , ENGINE FAN				
	54728688	1	BELT , ALTERNATOR				

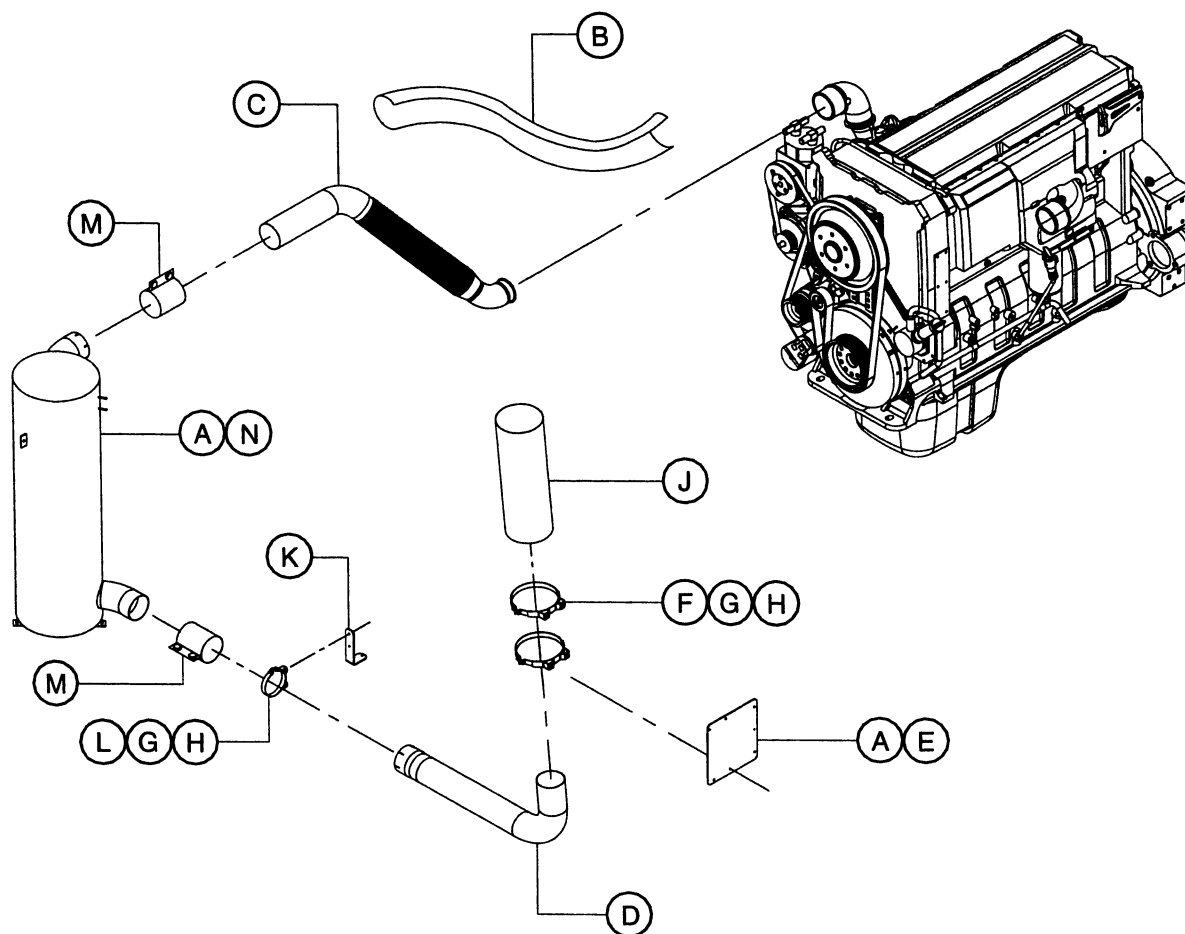
ENGINE ASSEMBLY

BEGINNING WITH SERIAL NO. 325561



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36884047	1	FAN , 54 INCH				
B	95104303	6	SCREW				
C	36921302	1	MOUNT , RUBBER				
D	54610621	1	WASHER				
E	54720768	1	SCREW				
F	51206787	1	NUT				
G	36921492	1	MOUNT , ENGINE				
H	36763670	2	SCREW				
J	95935011	2	WASHER				
K	35297340	2	NUT				
L	22065908	1	ENGINE				
M	54592951	1	ADAPTER , AIR END				
N	54687322	1	GUARD , TURBO				
P	54409339	1	SPACER , FAN				
Q	54501085	1	GUARD , FAN				
R	35279025	8	SCREW				
S	36898096	2	SCREW				
T	36879492	2	SCREW				
	54604343	1	PUMP , HYDRAULIC				
	54662028	1	FILTER , ENGINE OIL				
	54662036	1	FILTER , ENGINE FUEL				
	54662051	1	FILTER , ENGINE COOLANT				
	54728696	1	BELT , ENGINE FAN				
	22065916	1	BELT , ALTERNATOR				

EXHAUST ASSEMBLY



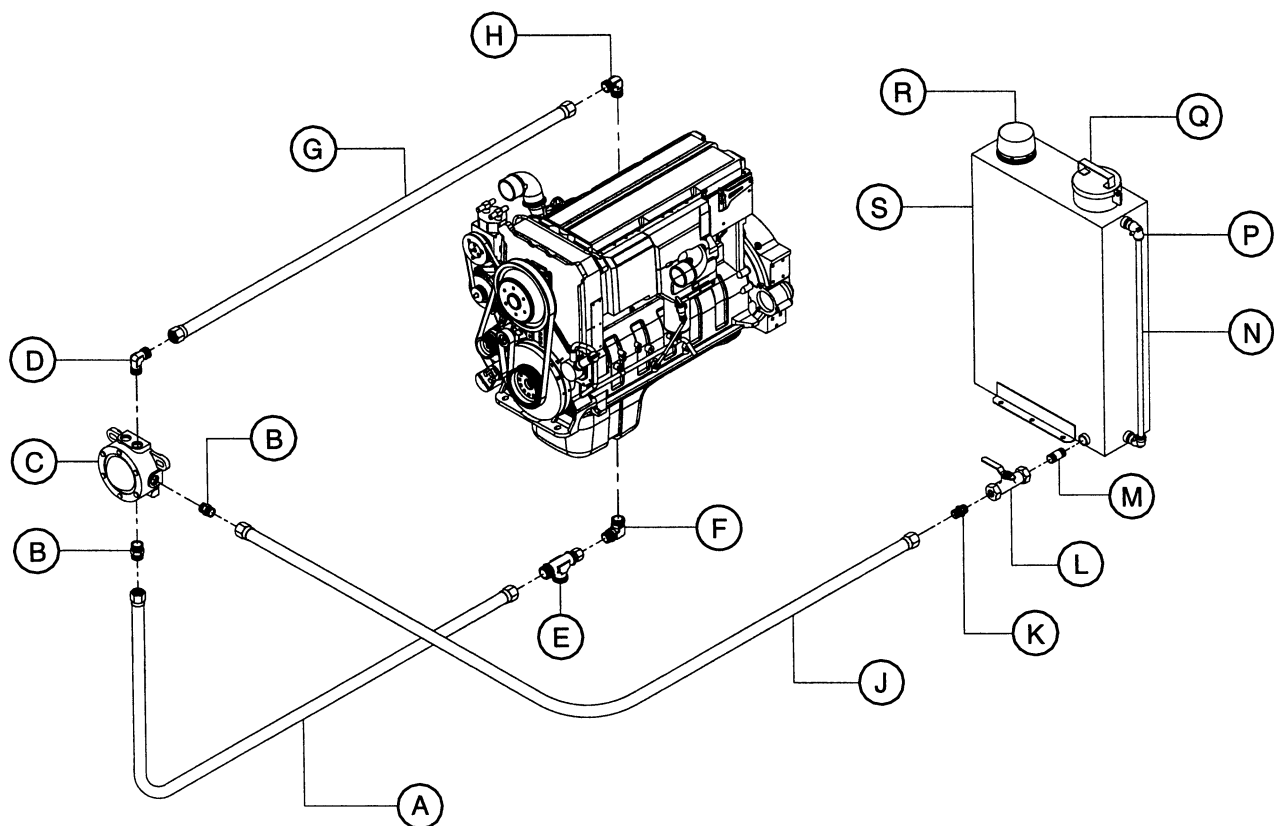
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35279025	----	SCREW				
B	54662010	1	INSULATION , EXHAUST				
C	54648159	1	PIPE , FLEX TURBO				
D	54648209	1	PIPE , EXHAUST				
E	54656624	1	PLATE , SUPPORT				
F	36787026	2	CLAMP , BAND				
G	36889608	----	SCREW				
H	36881886	----	NUT				
J	36787034	1	TUBE , EXHAUST				
K	54656632	1	BRACKET , SUPPORT				
L	35303361	1	CLAMP , BAND				
M	36799807	2	CLAMP , SEAL				
N	54615752	1	MUFFLER				

[illegible]

COLD START

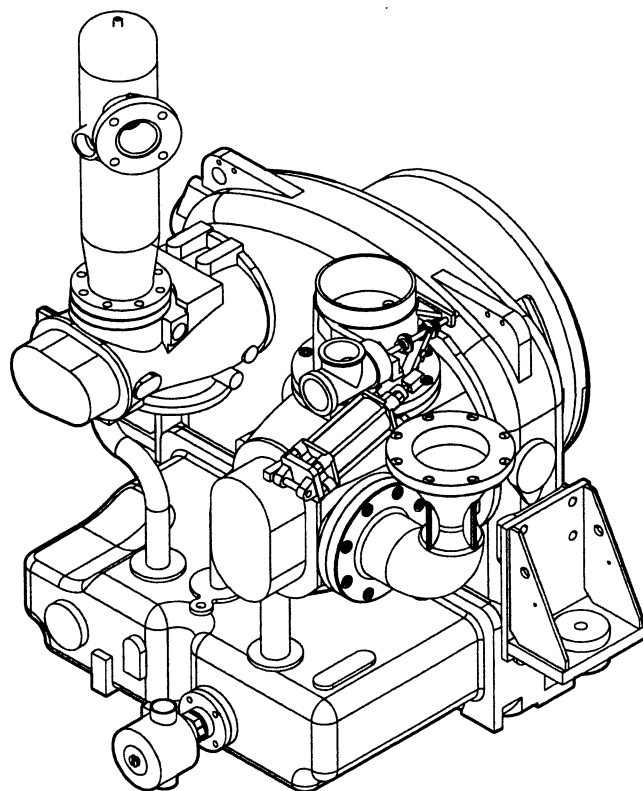
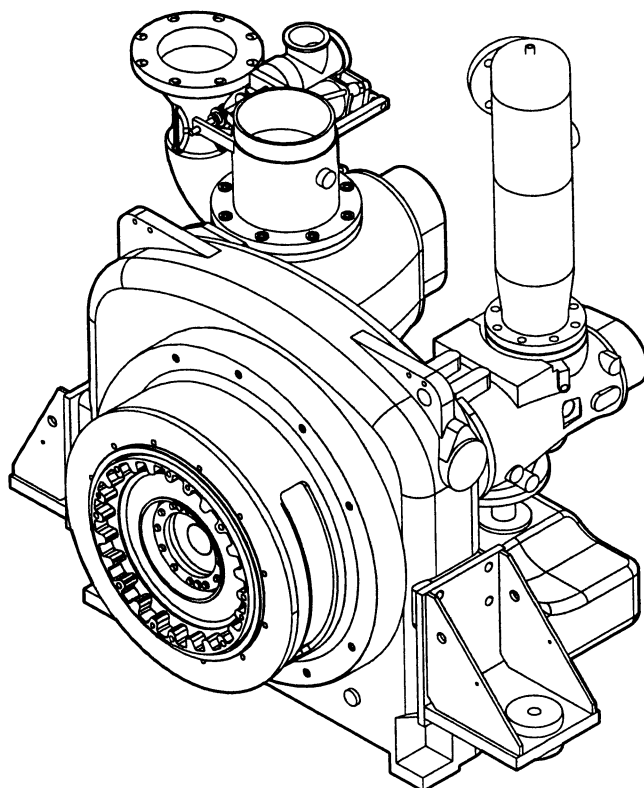
	<u>120V / 60HZ</u>	<u>220V / 50HZ</u>	
(A)	36920346	54392634	HEATER , BATTERY PAD (1 LEAD)
(B)	36920338	54392626	HEATER , BATTERY PAD (2 LEADS)
(C)	22079693	22079693	HARNESS , HEAT TRACE THERMOSTAT
(D)	22079701	22079701	HEAT TRACE ASSEMBLY
(E)	54671607	54678941	HEATER , AIR END OIL SUMP
(F)	36858751	36858751	WELL , HYDRAULIC THERMOSTAT
(G)	54480298	54480298	WELL , ENGINE THERMOSTAT
(H)	54464631	54678982	HEATER , HYDRAULIC RESERVOIR
(J)	95419073	95419073	TEE
(K)	54720719	54720719	ADAPTER
(L)	35284520	35284520	HOSE ASSEMBLY
(M)	35283464	35283464	ELBOW
(N)	54718929	54718929	HOSE ASSEMBLY
(P)	54720719	54720719	ADAPTER
(Q)	54464623	54678438	HEATER , ENGINE OIL PAN
(R)	35357052	35357052	ETHER KIT
(S)	35602812	35602812	ATOMIZER , ETHER
(T)	95930301	95930301	BUSHING
(U)	54758404	54701057	HEATER , ENGINE COOLANT
	54464664	54678784	HARNESS , ENGINE HEATERS
	54464672	54678826	HARNESS , AIR END HEATERS
	54464607	54678511	ENG. COLD START HEATER ASSY.
	54464615	54678875	AIR END COLD START HEATER ASSY.

REPLENISHMENT OIL TANK PIPING

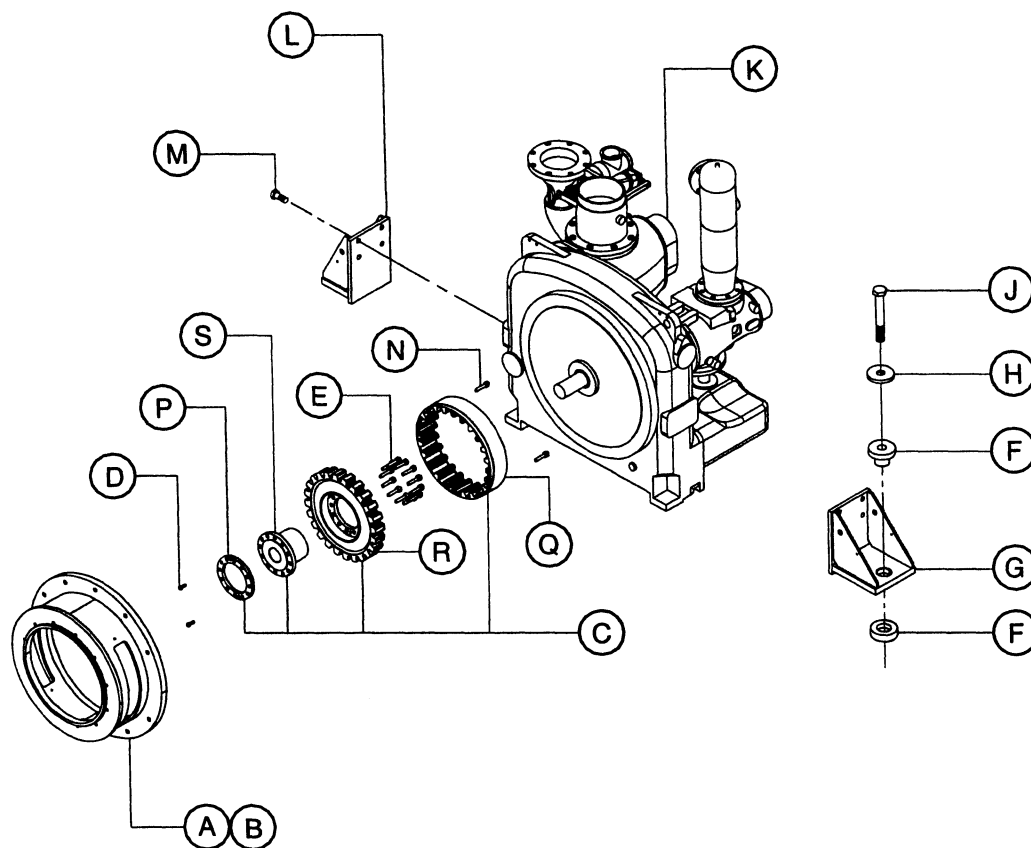


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35289503	1	HOSE ASSEMBLY				
B	35286426	1	CONNECTOR				
C	22053235	1	SENSOR , MURPHY				
D	35309210	1	ELBOW				
E	95951646	1	TEE				
F	22063937	1	ELBOW				
G	35252782	1	HOSE ASSEMBLY				
H	22063945	1	ELBOW				
J	35310234	1	HOSE ASSEMBLY				
K	35286426	1	CONNECTOR				
L	35581792	1	VALVE , BALL				
M	95934279	1	NIPPLE				
N	22050926	1	TUBE				
P	54627799	2	ELBOW				
Q	36845014	1	CAP , FILLER				
R	43205384	1	CAP , FILLER				
S	22424279	1	TANK , OIL				

AIR END ASSEMBLY

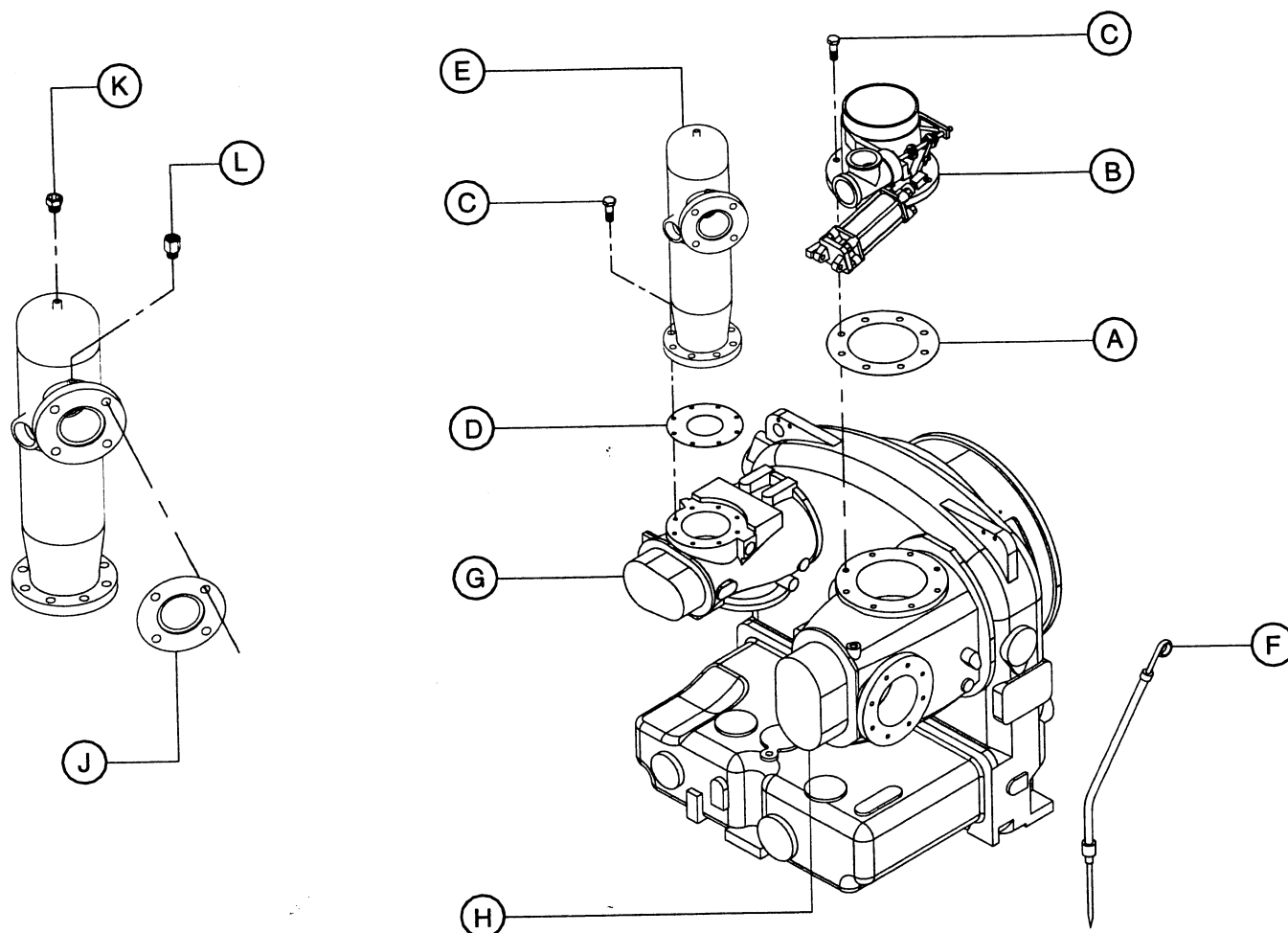


AIR END COUPLING & MOUNTING



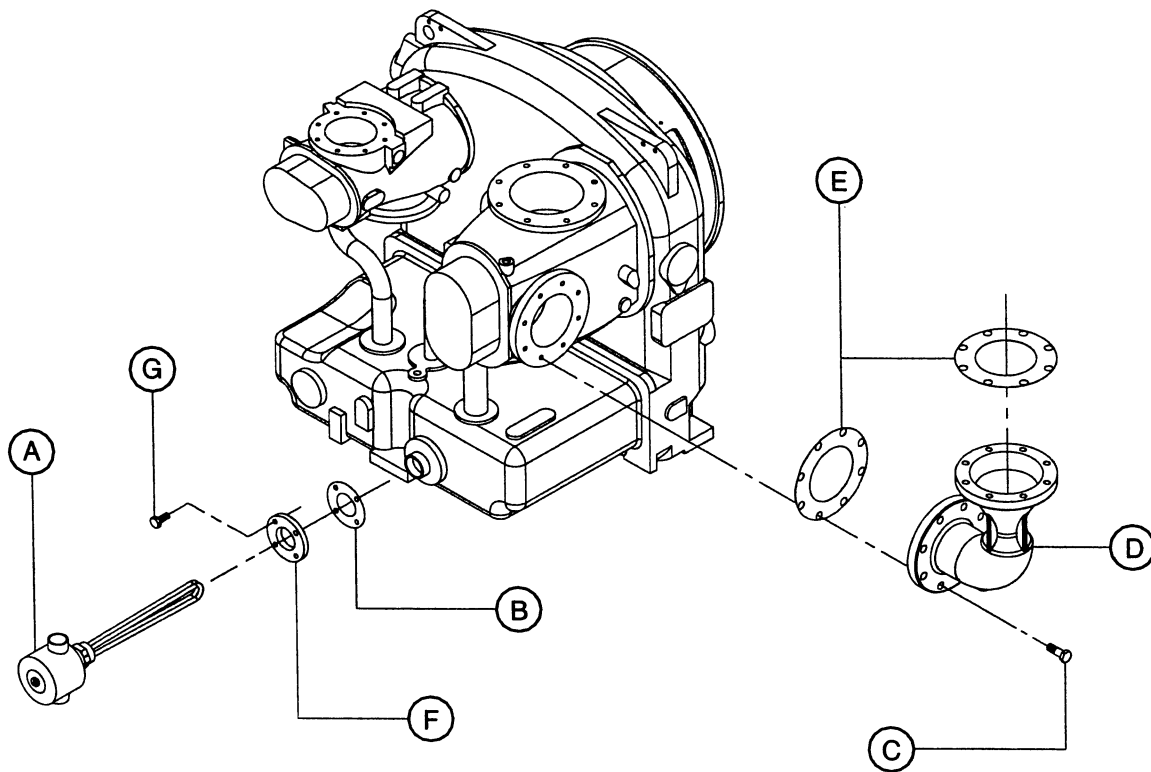
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54592951	1	ADAPTER , AIR END				
B	39179072	10	SCREW				
C	54740691	1	AIR END COUPLING ASSEMBLY				
D	35271154	2	SCREW				
E	96725130	12	SCREW				
F	36921302	2	MOUNT , RUBBER				
G	36921351	1	MOUNT , L.H. AIR END				
H	54610621	2	WASHER				
J	54720768	2	BOLT				
K	54434147	1	AIR END ASSEMBLY				
	39330741	1	LOW PRESSURE AIR END ASSEMBLY				
	39330758	1	HIGH PRESSURE AIR END ASSEMBLY				
L	36923886	1	MOUNT , R.H. AIR END				
M	35375377	8	SCREW				
N	95104303	8	BOLT				
P	54758305	1	SPACER , COUPLING				
Q	54758297	1	RING , OUTER				
R	54758263	1	RING , INNER				
S	54758271	1	BUSHING , SPLIT				
	54690102	2	ADAPTER , COVER				
	35279025	4	SCREW				
	39213442	1	OIL PUMP KIT				
	54432612	1	GEAR SET				

AIR END INLET VALVE



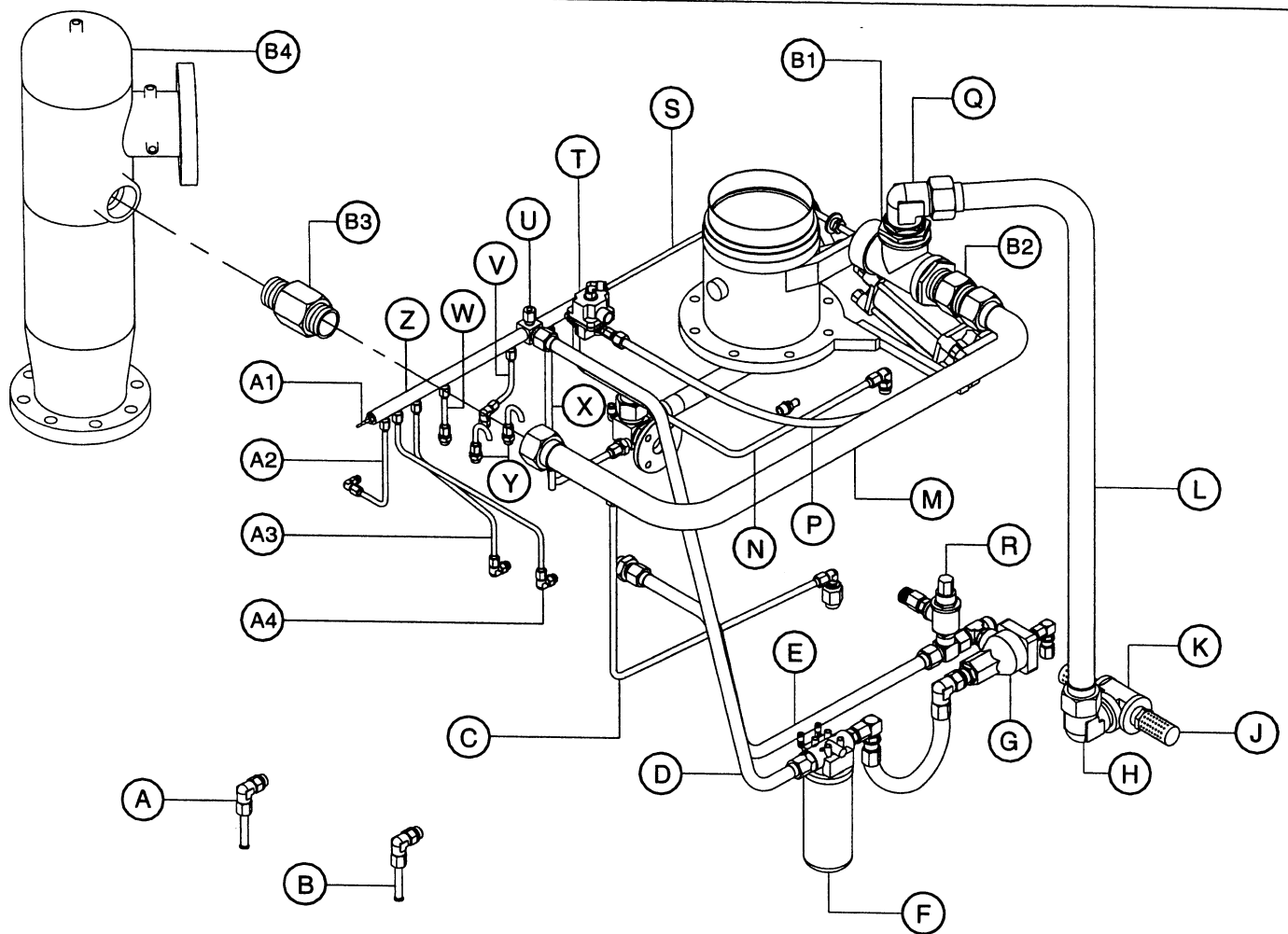
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	39330279	1	GASKET				
B	39911110	1	VALVE , AIR INLET				
C	39179072	16	SCREW				
D	39330303	1	GASKET				
E	22233258	1	SILENCER , SECOND STAGE				
F	54579057	1	OIL DIP STICK ASSEMBLY				
G	39330758	1	AIR END , HIGH PRESSURE				
H	39330741	1	AIR END , LOW PRESSURE				
	39213442	1	KIT , OIL PUMP				
	54656657	1	PUMP , OIL				
	54628151	1	COUPLER , OIL PUMP				
	39925425	1	DRIVER , OIL PUMP				
	54432612	1	SET , GEAR				
J	39330287	1	GASKET				
K	95252409	1	PLUG				
L	95371829	1	BUSHING , REDUCING				

AIR END 1ST STAGE INLET



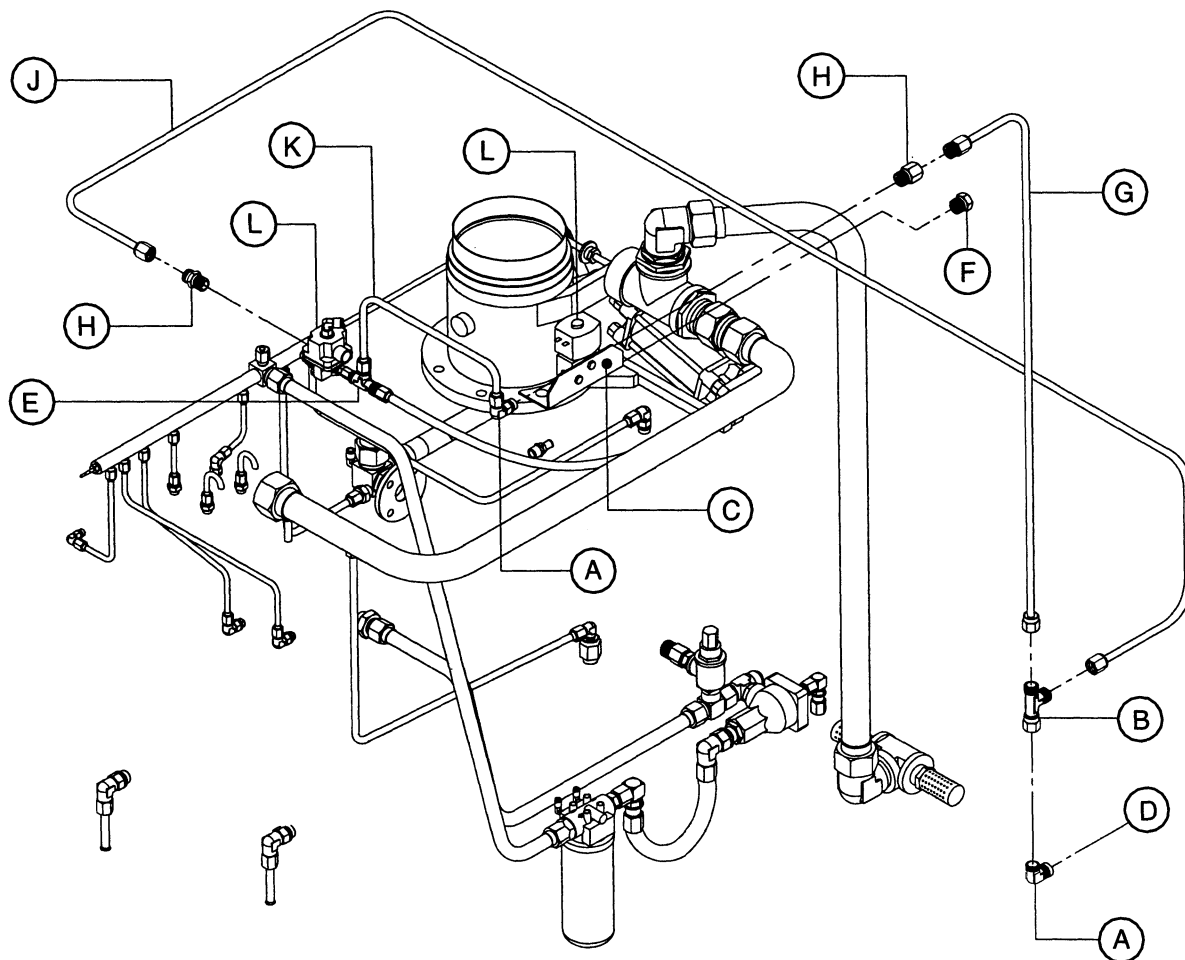
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54671607	1	HEATER , 120V SUMP				
	54678941	1	HEATER , 240V SUMP				
B	39497904	1	GASKET , HEATER				
C	39179072	8	SCREW				
D	39913124	1	VENTURI , FIRST STAGE				
E	39464433	1	GASKET				
F	39497912	1	PLATE				
G	36877793	4	SCREW				

AIR END TUBING AND FITTINGS



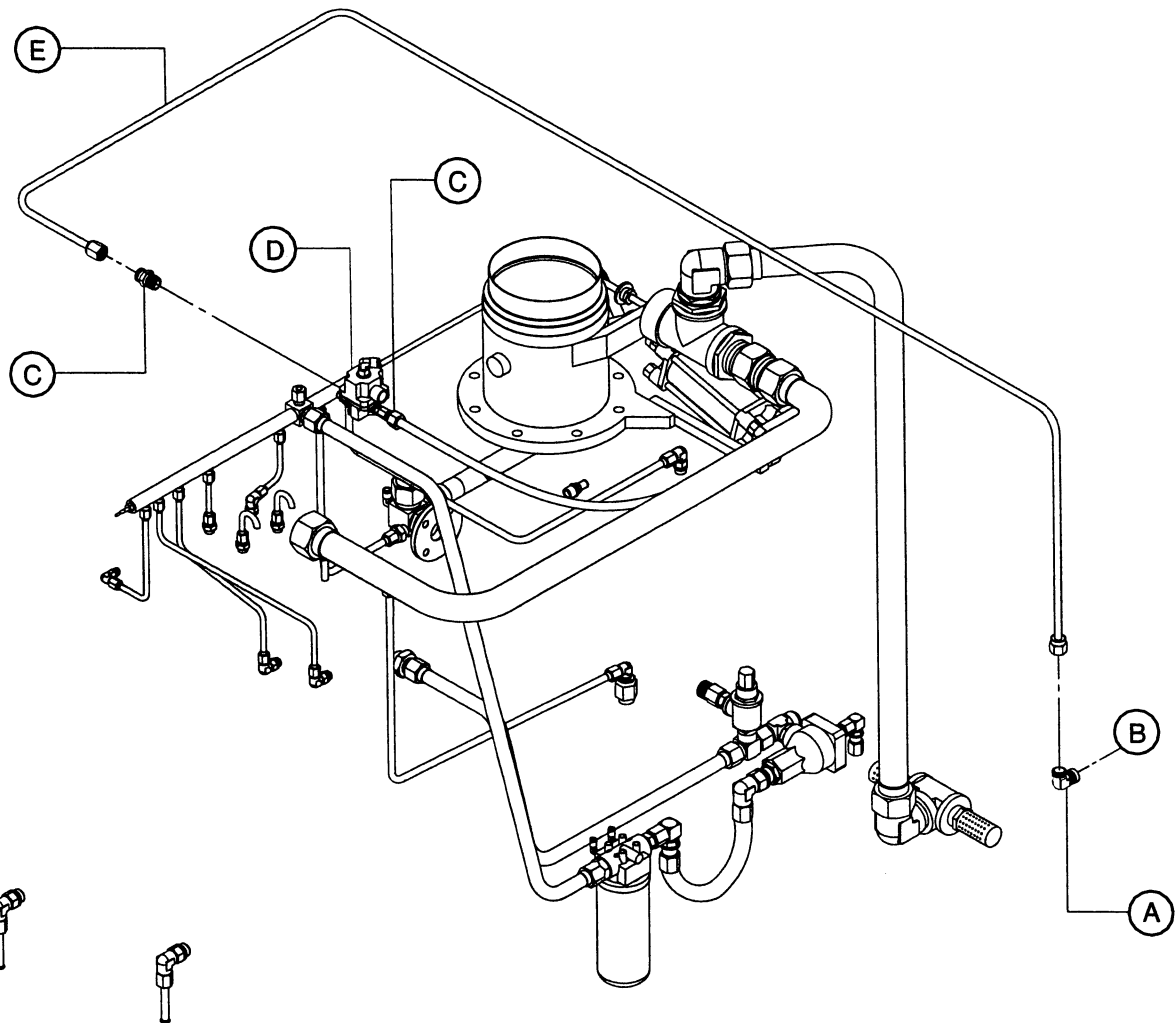
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	39172994	7	ELBOW	W	39914171	1	TUBE
B	54606603	2	TUBE	X	399173042	1	ADAPTER
C	39914270	1	TUBE	Y	39914239	1	TUBE
D	39914254	1	TUBE	Y	39311923	2	TUBE
E	22087118	1	TUBE		39173042	1	ADAPTER
F	39911615	1	ELEMENT , FILTER	Z	39913827	1	MANIFOLD , TUBE
	39871165	1	HEAD , FILTER	A1	54557087	1	SENSOR
G	39467634	1	VALVE , TEMPERATURE	A2	39914197	1	TUBE
H	95937678	1	ELBOW	A3	39914205	1	TUBE
J	39309547	2	MUFFLER	A4	39914213	1	TUBE
K	95937678	1	TEE	A5	39172945	1	CONNECTOR
L	54519186	1	TUBE	A6	95937512	1	CONNECTOR
M	22235204	1	TUBE	A7	39172994	2	ELBOW
N	39914221	1	TUBE	A8	39172952	1	ELBOW
P	35282987	1	HOSE	A9	35284082	2	ADAPTER
	35279926	1	ELBOW (TO CYLINDER)	B1	39313598	1	BUSHING
Q	39140512	3	ELBOW		39310396	1	ELBOW (OUT OF STAGE 2)
	39313598	1	BUSHING		39914270	1	TUBE (STAGE 2, DRAIN TO SUMP)
R	39167119	1	VALVE		39485255	1	ELBOW (MANIFOLD OIL DUMP)
S	39914247	1	TUBE		39583927	1	ELBOW (TO SUMP)
	39172952	1	ELBOW		95953956	1	BUSHING (BUSHING TO BUSHING)
T	54512611	1	VALVE , SOLENOID		39175187	1	BUSHING (TO SUMP)
U	35313428	1	CAP		35279926	1	ELBOW (ELBOW TO MANIFOLD)
V	39914189	1	TUBE	B2	95985578	1	CONNECTOR
	39172994	1	ELBOW	B3	95937561	1	CONNECTOR
				B4	22233258	1	SILENCER , SECOND STAGE

LOAD CYLINDER PIPING (OPTIONAL QUICK RESPONSE)



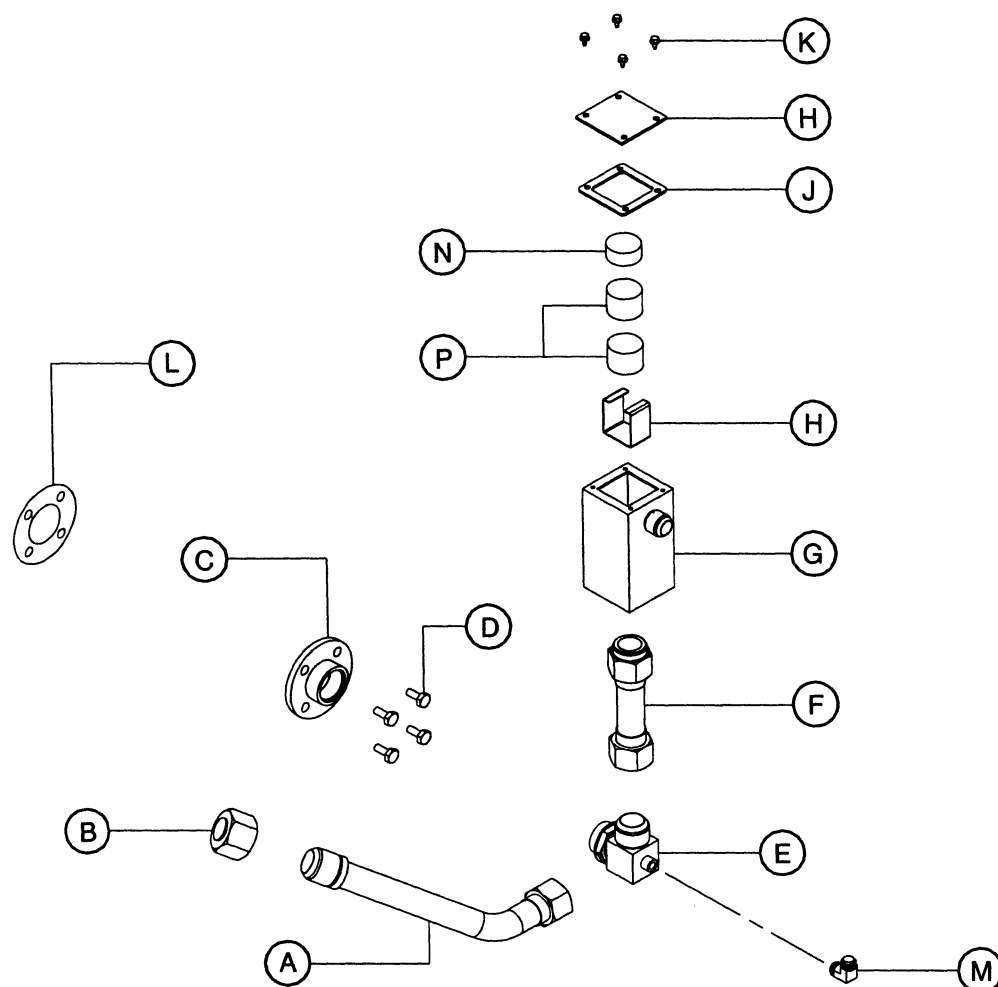
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35279934	1	ELBOW				
B	95415667	1	TEE				
C	22437016	1	BRACKET , SOLENOID VALVE				
D			TO SUMP				
E	35283050	1	TEE				
F	95033593	1	PLUG				
G	35310994	1	TUBE				
H	35284082	1	ADAPTER				
J	54718432	1	TUBE				
K	35282979	1	TUBE				
L	54512611	1	VALVE , SOLENOID				

LOAD CYLINDER PIPING (STANDARD)



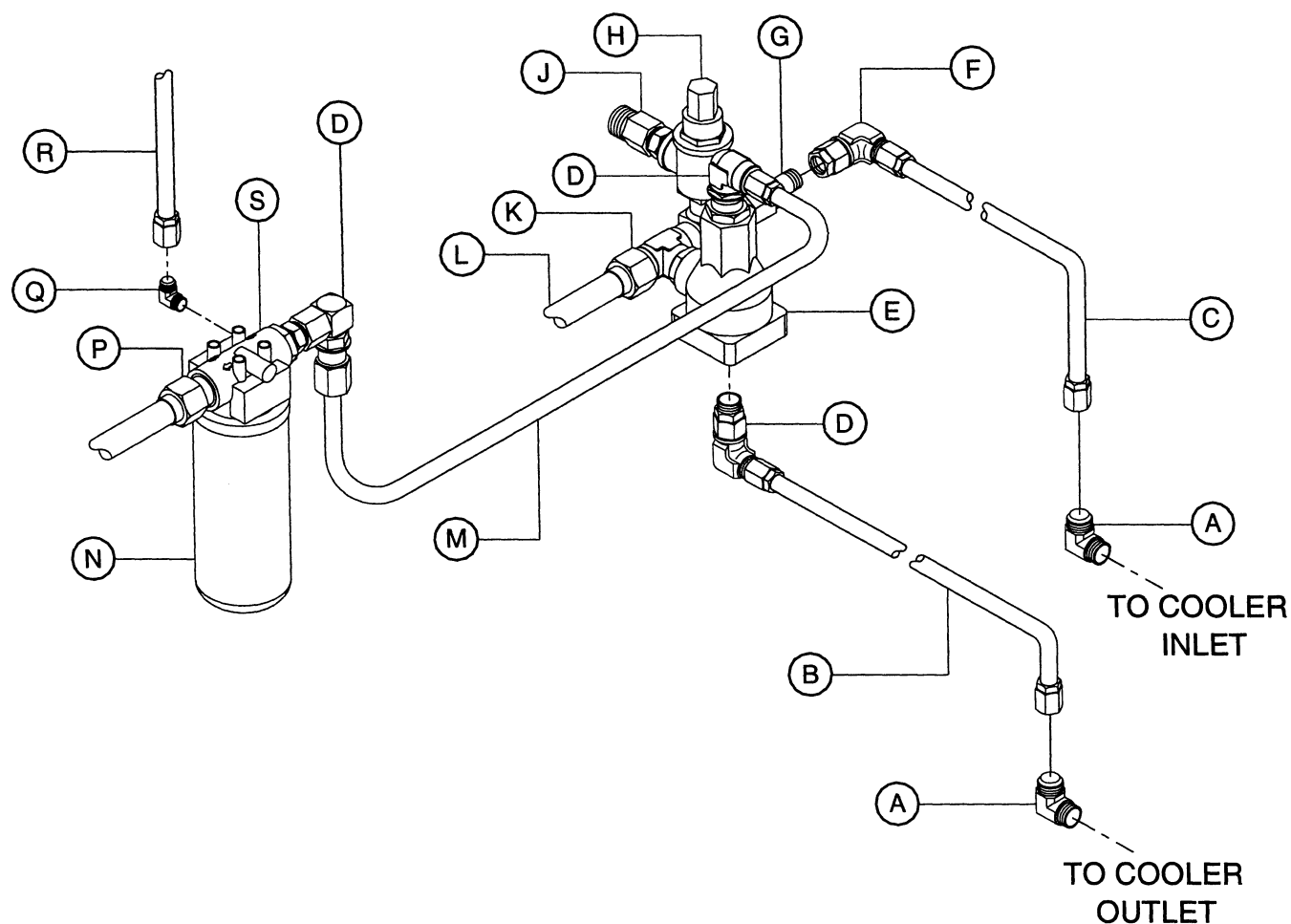
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35279934	1	ELBOW				
B	TO ELBOW IN SUMP						
C	35284082	1	ADAPTER				
D	54512611	1	VALVE , SOLENOID				
E	54718432	1	HOSE ASSEMBLY				

AIR END BREATHER ASSEMBLY



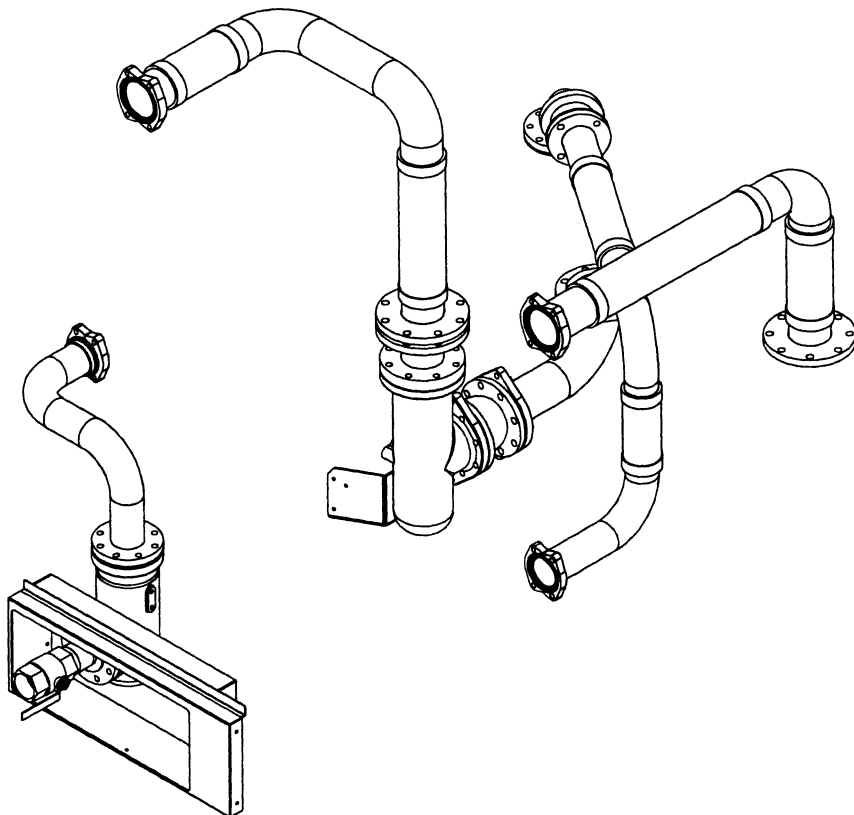
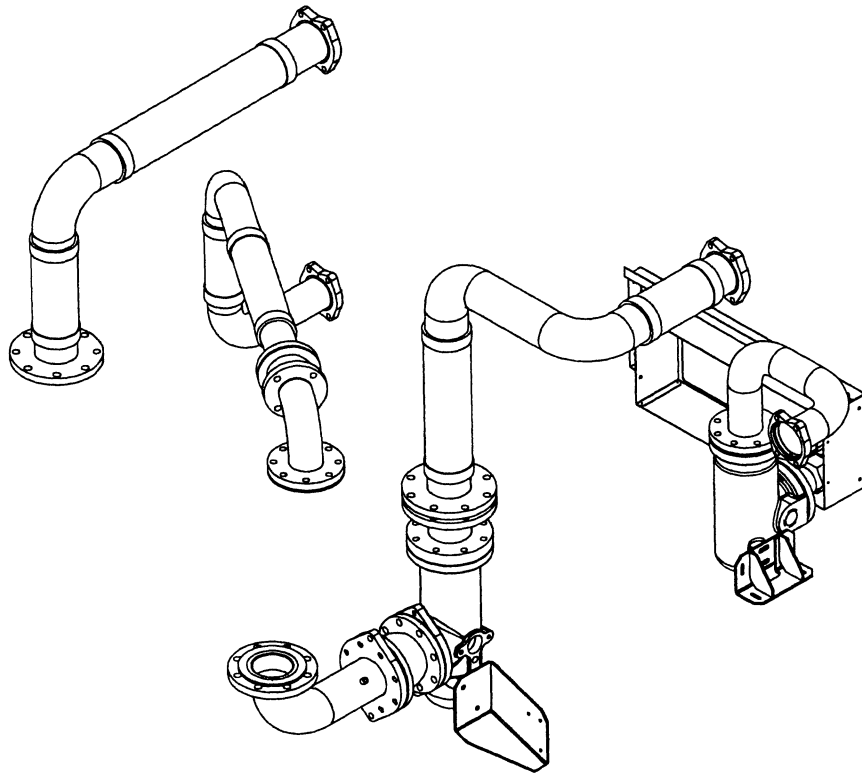
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	39917323	1	TUBE ASSEMBLY				
B	95972873	1	NUT , TUBE				
C	39497003	1	FLANGE , MOUNTING				
D	39173463	4	SCREW				
E	39590542	1	MANIFOLD				
F	39917315	1	TUBE ASSEMBLY				
G	39560180	1	BOX , BREATHER				
H	39489646	1	COVER ASSEMBLY				
J	39491741	1	GASKET				
K	39133145	4	SCREW				
L	39464367	1	GASKET				
M	35279934	1	ELBOW				
N	40068371	1	ELEMENT , FOAM				
P	40068389	2	ELEMENT , METALLIC				

AIR END TUBING AND FITTINGS

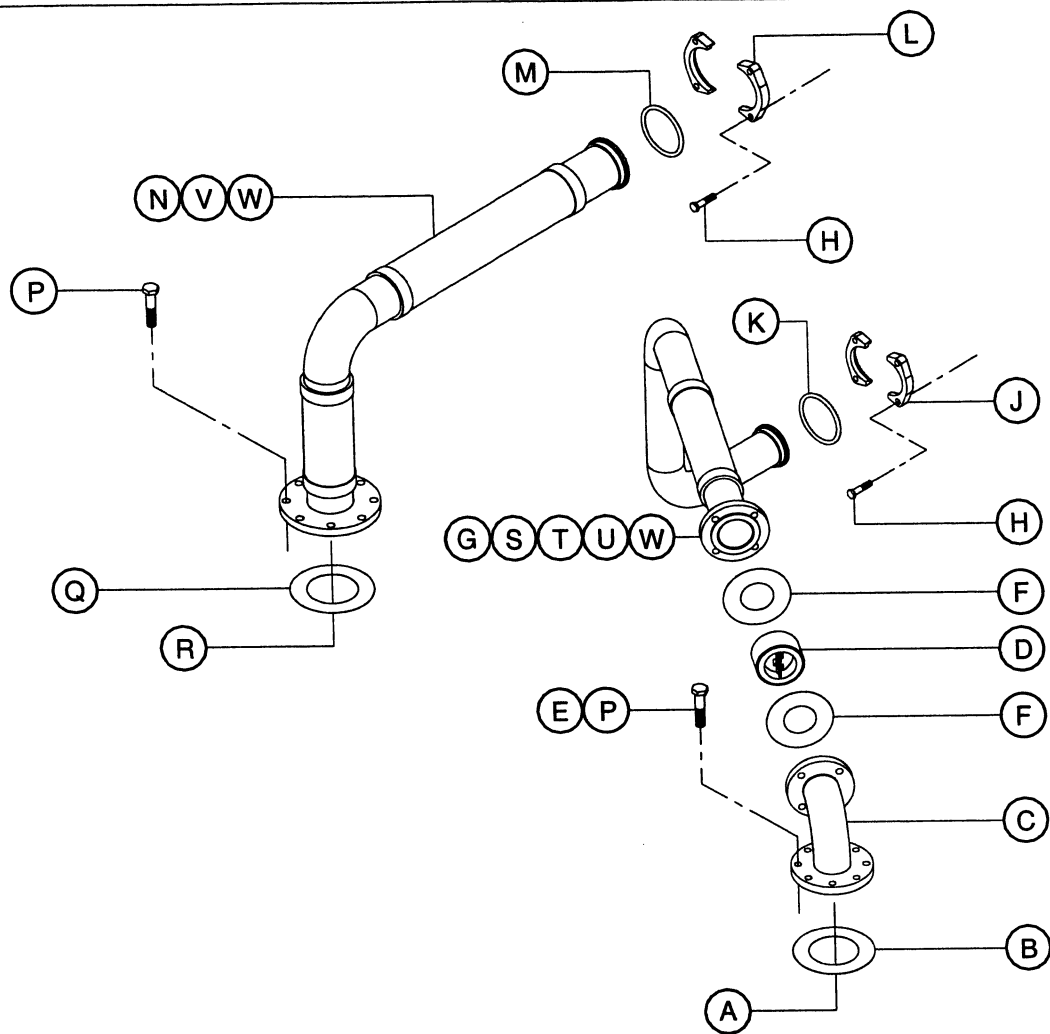


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95368890	1	ELBOW				
B	54718739	1	HOSE ASSEMBLY				
C	35118272	1	HOSE ASSEMBLY				
D	35291384	1	ELBOW				
E	39467634	1	VALVE , TEMPERATURE				
F	35292051	1	ELBOW				
G	39591565	1	TEE				
H	39167119	1	VALVE , PUMP BYPASS				
J	95937512	1	CONNECTOR				
K	95947636	1	TEE				
L	22087118	1	HOSE ASSEMBLY				
M	36792000	1	HOSE ASSEMBLY				
N	39911615	1	ELEMENT				
P	95955993	1	CONNECTOR				
Q	35306687	1	ELBOW				
R	35284520	2	HOSE ASSEMBLY				
S	39871165	1	HEAD , FILTER				

AIR END PIPING ASSEMBLY



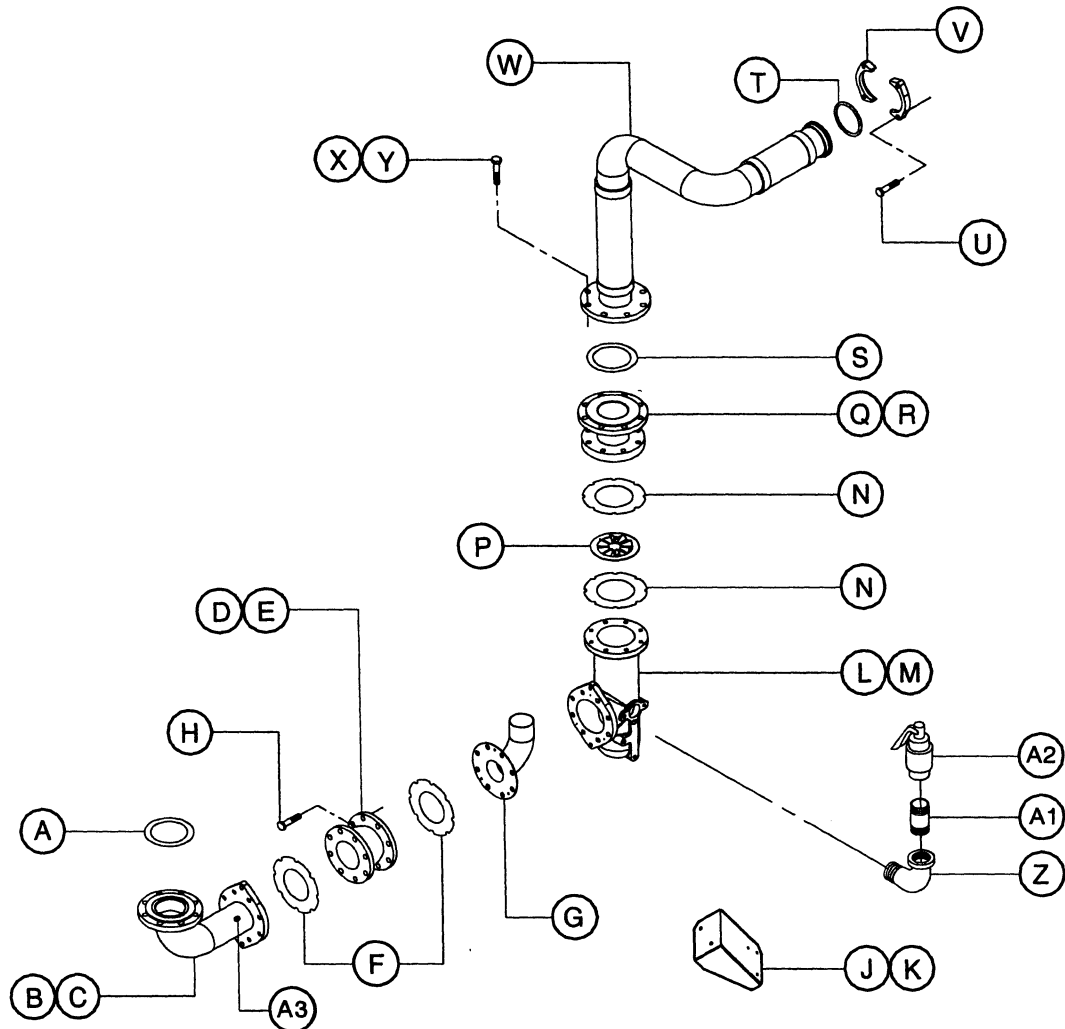
AIR END PIPING



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A			TO TOP OF VENTURI ON 2ND STAGE AIR END				
B	39330295	1	GASKET				
C	36922938	1	TUBE , 2ND STAGE OUTLET				
D	39911128	1	VALVE , CHECK				
E	95934170	7	SCREW				
F	39330287	1	GASKET				
G	54620588	1	TUBE , AFTERCOOLER INLET				
H	95060745	----	SCREW				
J	39481593	2	FLANGE , SPLIT				
K	39188479	1	O-RING				
L	95985735	2	FLANGE , SPLIT				
M	95060745	1	O-RING				
N	54534847	1	TUBE , INTERCOOLER INLET				
P	95035465	----	SCREW				
Q	39330303	1	GASKET				
R			TO 2ND STAGE AIR END INLET				
S	96721659	4	SCREW				
T	36879211	4	NUT				
U	54719752	1	INSULATION , 2ND STAGE				
V	54719745	1	INSULATION , INTERCOOLER IN				
W	54721105	1	WIRE , STAINLESS STEEL				
	54719737	1	INSULATION , VENTURI				
	54719729	1	INSULATION , 1ST STAGE				
	54662010	1	INSULATION , EXHAUST PIPE				

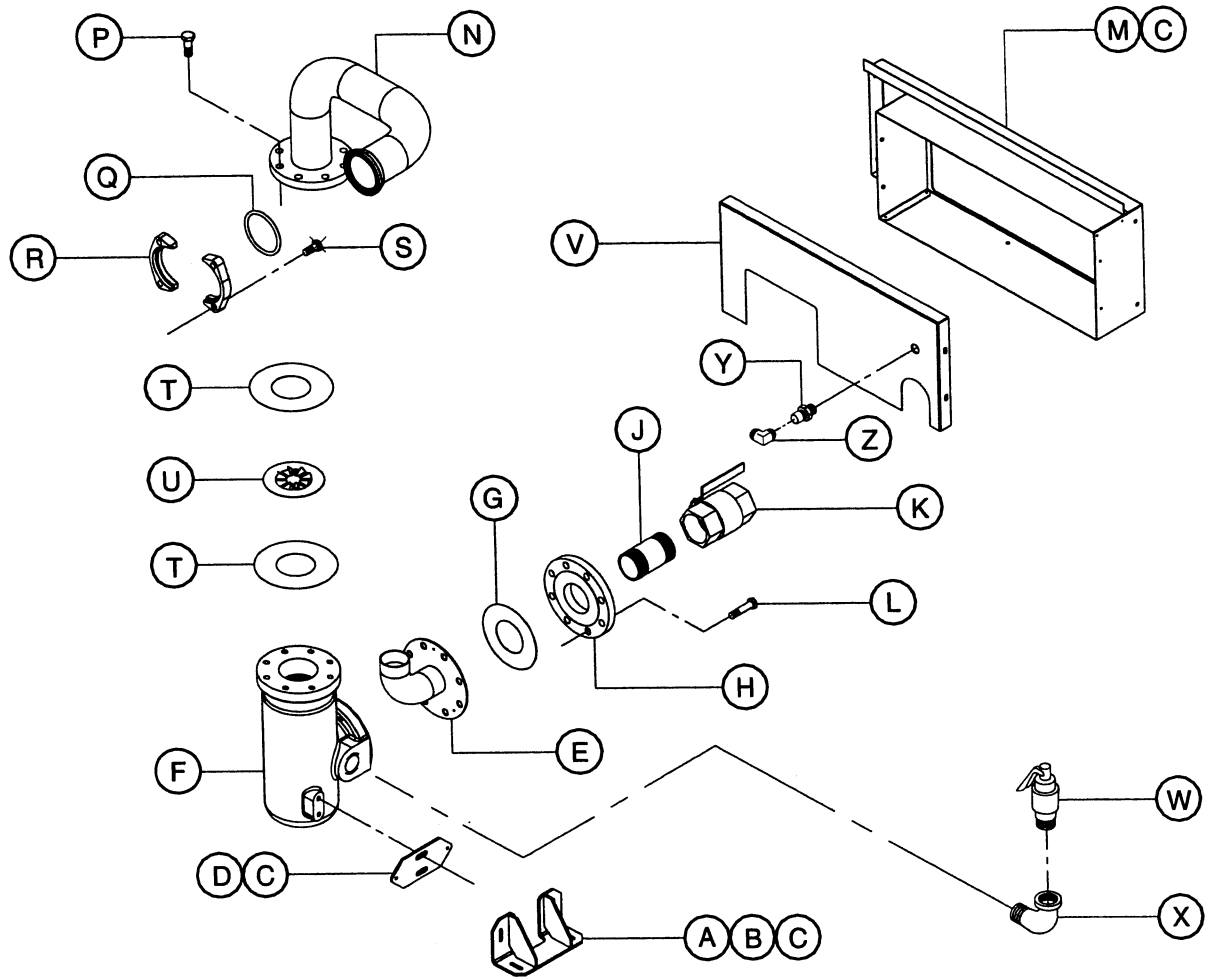
ASSEMBLY PART NUMBER 54719760

AIR END PIPING



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	39464425	1	GASKET	Z	95946281	1	ELBOW
B	54597745	1	TUBE , 2ND STAGE INLET	A1	95953808	1	NIPPLE
C	39179072	8	SCREW	A2	39918214	1	VALVE , SAFETY
D	39912795	1	JOINT , PIPE	A3	54557087	1	RTD (RT-2)
E	95934386	8	SCREW				
F	39487426	1	GASKET				
G	39913025	1	TUBE ASSEMBLY				
H	35356039	8	SCREW				
J	54379649	1	BRACKET , WATER SEPARATOR				
K	36889608	3	SCREW				
L	39915087	1	SEPARATOR , WATER				
M	95934634	2	SCREW , MOUNTING				
N	39330253	1	GASKET				
P	54362819	1	ELEMENT				
Q	54380449	1	TUBE , WATER SEPARATOR				
R	95934170	8	SCREW				
S	39464425	1	GASKET				
T	95060745	1	O-RING				
U	95930723	4	SCREW				
V	95985735	2	FLANGE , SPLIT				
W	54597737	1	TUBE , INTERCOOLER OUTLET				
X	95934253	8	SCREW				
Y	95922928	8	NUT				

AIR END PIPING

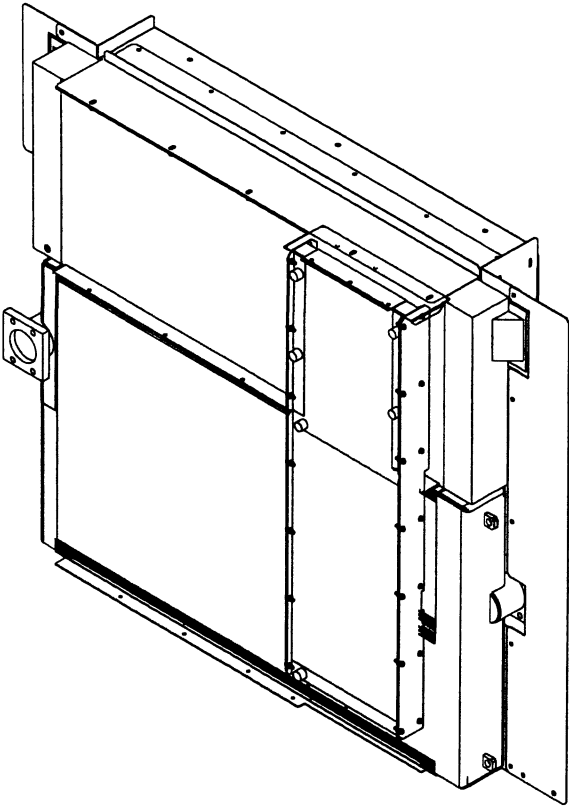
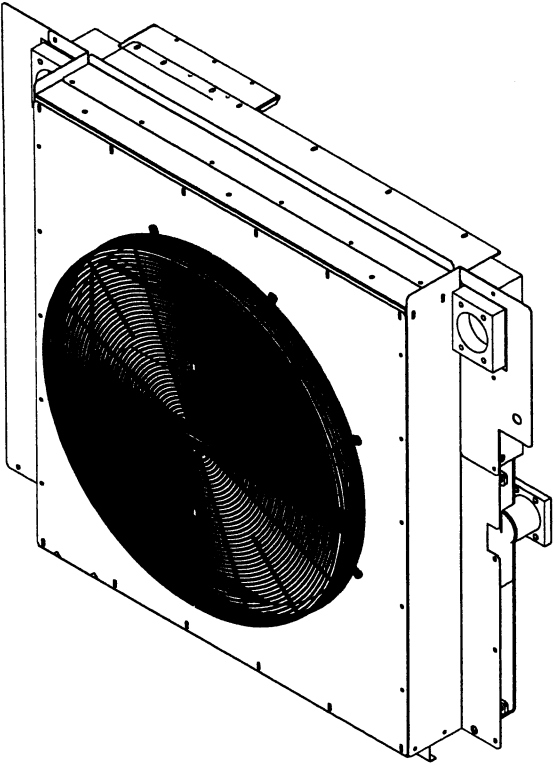


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54688163	1	BRACKET , WATER SEPARATOR				
B	95934642	2	SCREW				
C	35279025	----	SCREW				
D	54688171	1	PLATE , MOUNTING				
E	39890926	1	TUBE ASSEMBLY				
F	39922800	1	SEPARATOR , WATER				
G	39925532	1	GASKET				
H	95991105	1	FLANGE				
J	54728654	1	NIPPLE				
K	36755718	1	VALVE , BALL				
L	39928007	1	SEPARATOR , MOISTURE				
M	54690755	1	LOWER REAR PANEL ASSEMBLY				
N	54383468	1	TUBE , AFTERCOOLER OUTLET				
P	95934170	8	SCREW				
Q	39188479	1	O-RING				
R	39481593	2	FLANGE , SPLIT				
S	95930723	4	SCREW				
T	39487434	2	GASKET				
U	39891171	1	FILTER				
V	54690771	1	COVER , END PANEL				
W	39918206	1	VALVE , SAFETY				
X	95953311	1	ELBOW				
Y	95365151	1	FITTING , BULKHEAD				
Z	35290352	1	ELBOW				

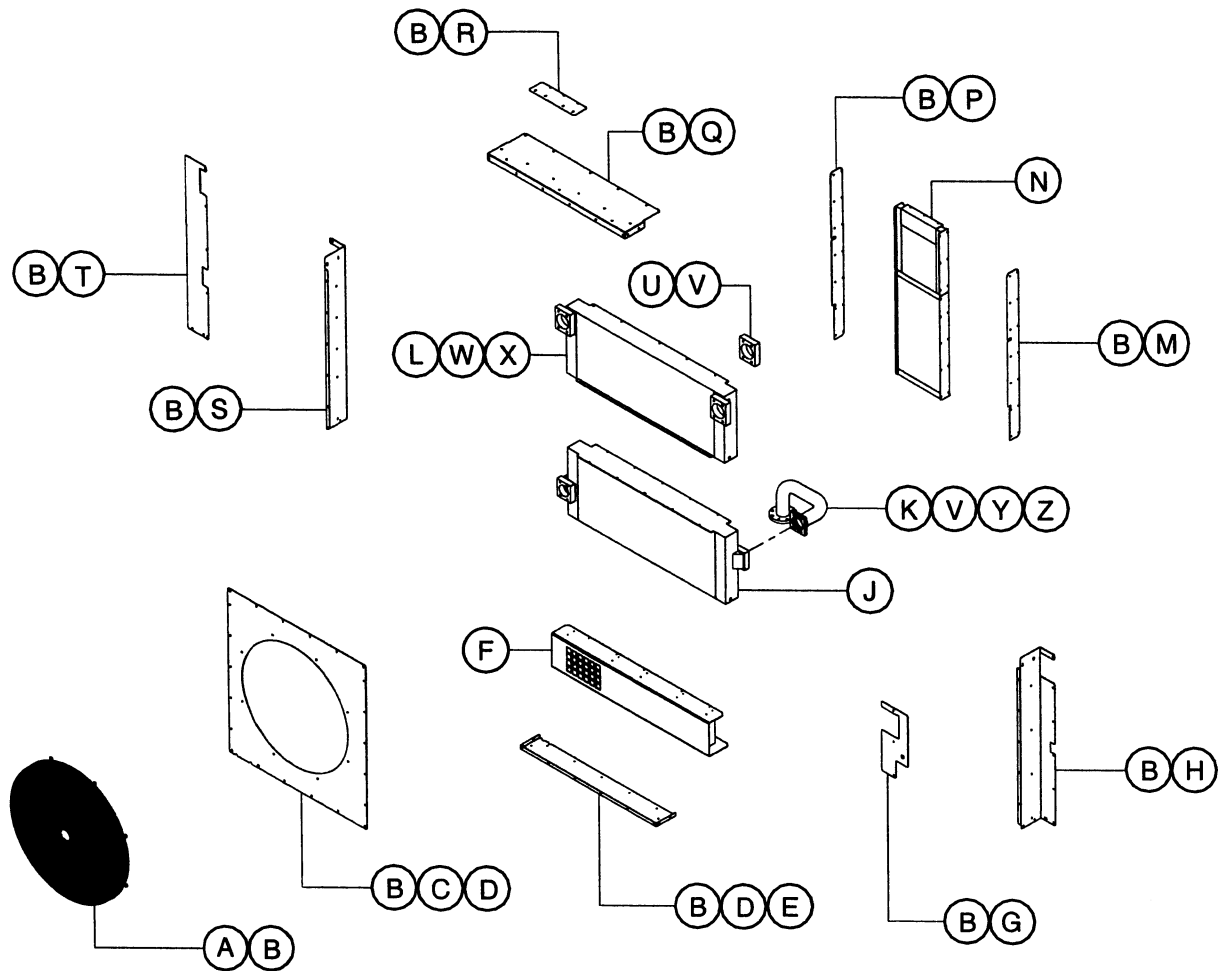
CONDENSATE BURN-OFF PIPING

(A)	35248145	VALVE , CHECK
(B)	35248319	ORIFICE , .094
(C)	36841526	HEATER , 24 VOLT
(D)	95954194	TEE
(E)	95944575	NIPPLE
(F)	36842318	VALVE , SOLENOID
(G)	35279934	ELBOW
(H)	54718663	HOSE ASSEMBLY
(J)	95940748	BUSHING
(K)	36844579	STRAINER
(L)	95944666	ELBOW
(M)	39915087	SEPARATOR , INTERSTAGE
(N)	54718671	HOSE ASSEMBLY
(P)	36842318	VALVE , SOLENOID
(Q)	37081528	ORIFICE , .063
(R)	36844579	STRAINER
(S)	95953618	NIPPLE
(T)	95300943	ELBOW
(U)	95245353	BUSHING
(V)	39928007	SEPARATOR , DISCHARGE

AIR END COOLING ASSEMBLY

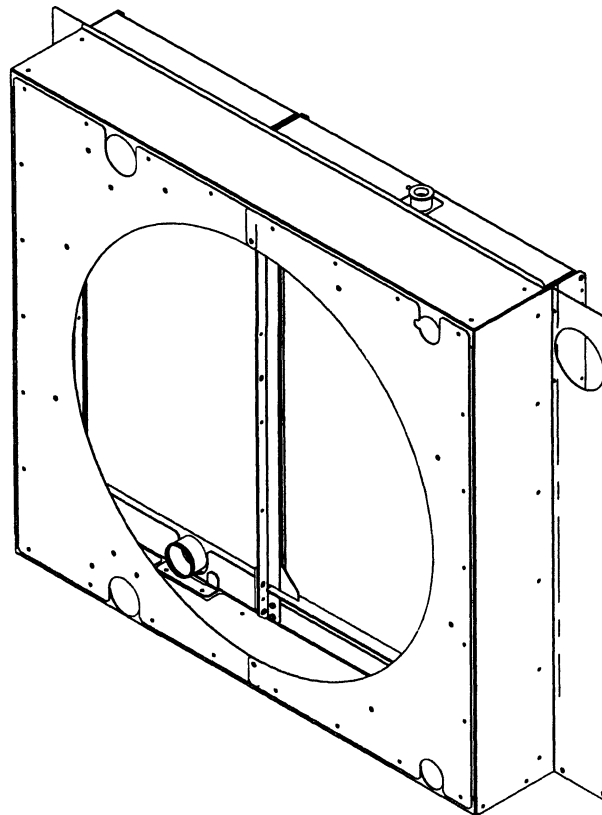
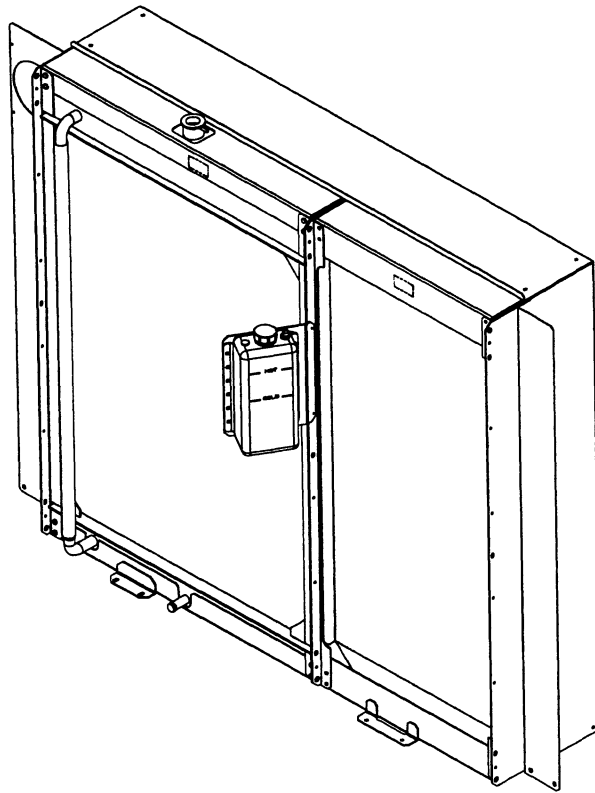


AIR END COOLERS

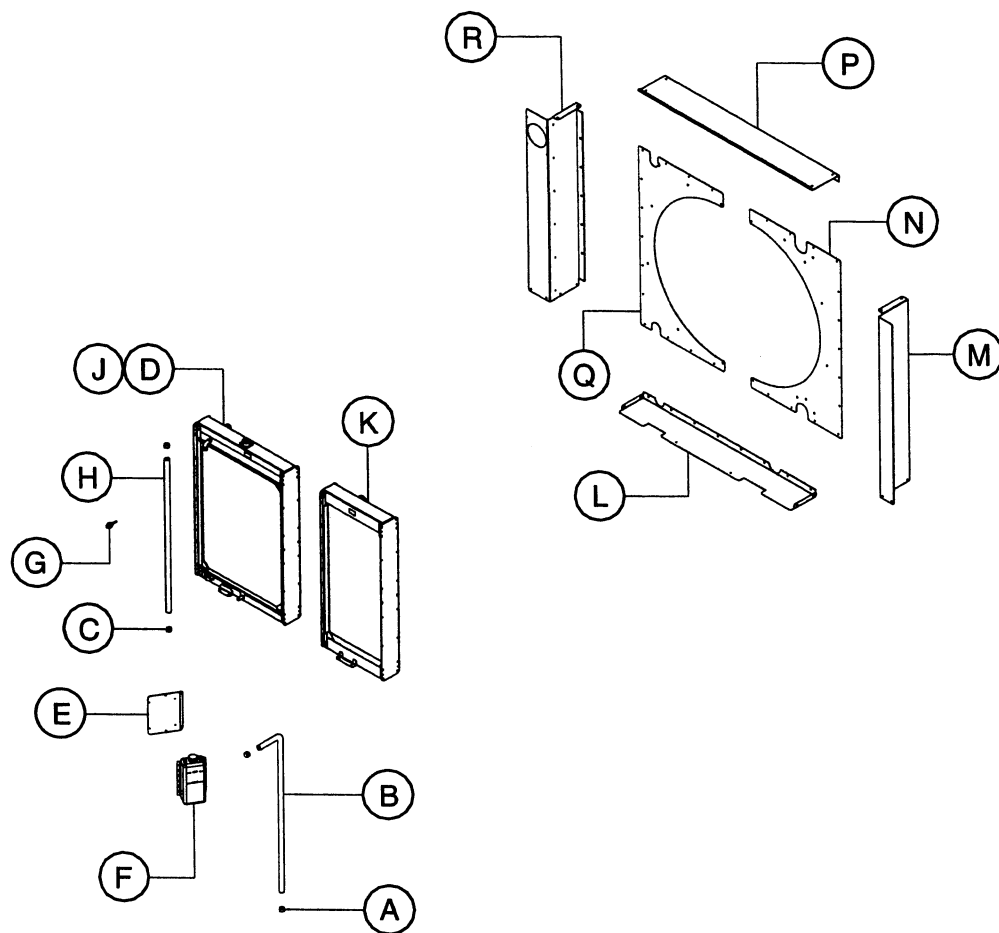


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54672688	1	GUARD , FAN				
B	35279025	----	SCREW				
C	54406715	1	ORIFICE , FAN				
D	36895746	----	NUTSERT				
E	54407549	1	SHROUD , BOTTOM				
F	54638135	1	SUPPORT , COOLER (NOT REQUIRED FOR STAINLESS STEEL AFTERCOOLER)				
G	54416037	1	BRACKET , SHROUD				
H	54407564	1	SHROUD , L.H.				
J	54637236	1	AFTERCOOLER , ALUMINUM				
	54584594	1	AFTERCOOLER , STAINLESS STEEL				
K	54672746	1	TUBE , ALUMINUM				
	54383468	1	TUBE , STAINLESS STEEL				
L	54550827	1	INTERCOOLER , AIR END				
M	54673553	1	SUPPORT , DUAL COOLER				
N	54543343	1	COOLER , DUAL				
P	54673553	1	SUPPORT , DUAL COOLER				
Q	54407523	1	SHROUD , TOP				
R	54642368	1	PLATE , COOLER				
S	54407556	1	SHROUD , R.H. INSIDE				
T	54416029	1	SHROUD , R.H. OUTSIDE				
U	54745559	1	FLANGE				
V	39188479	2	O-RING				
W	36889608	10	SCREW				
X	36881886	10	NUT				
Y	39481593	2	CLAMP				
Z	95930723	4	SCREW				

ENGINE COOLING ASSEMBLY

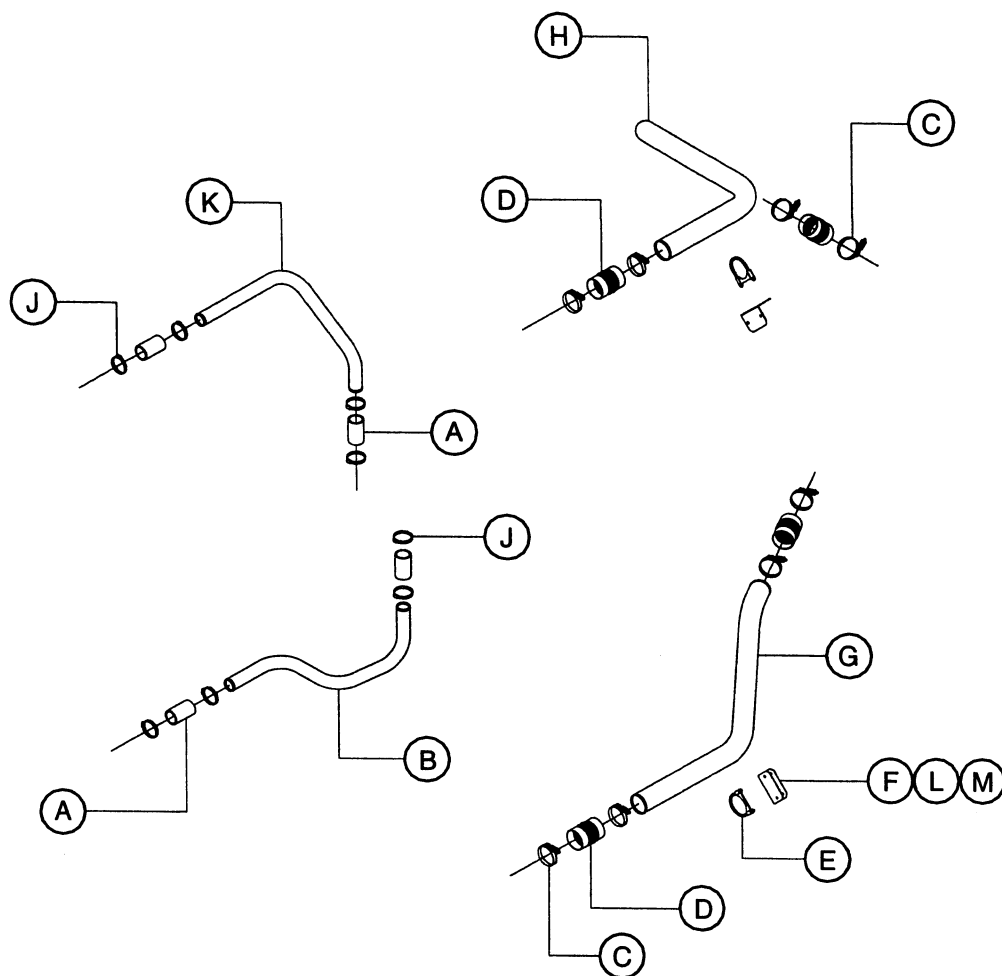


ENGINE RADIATOR AND COOLER



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95235131	2	CLAMP				
B	35360775	1	56" TUBING				
C	35296342	2	CLAMP				
D	35279025	----	SCREW				
E	54660899	1	BRACKET , COOLANT OVERFLOW				
F	36845600	1	BOTTLE , COOLANT RECOVERY				
G	54404280	1	SENDER				
H	35135458	1	HOSE , RUBBER				
J	54521067	1	RADIATOR				
K	54521075	1	COOLER , CHARGE AIR				
L	54421714	1	SHROUD , BOTTOM				
M	54421722	1	SHROUD , L.H.				
N	54427802	1	ORIFICE , L.H. FAN				
P	54421706	1	SHROUD , TOP				
Q	54427810	1	ORIFICE , R.H. FAN				
R	54421730	1	SHROUD , R.H.				
	54474572	1	PROBE , LOW WATER				

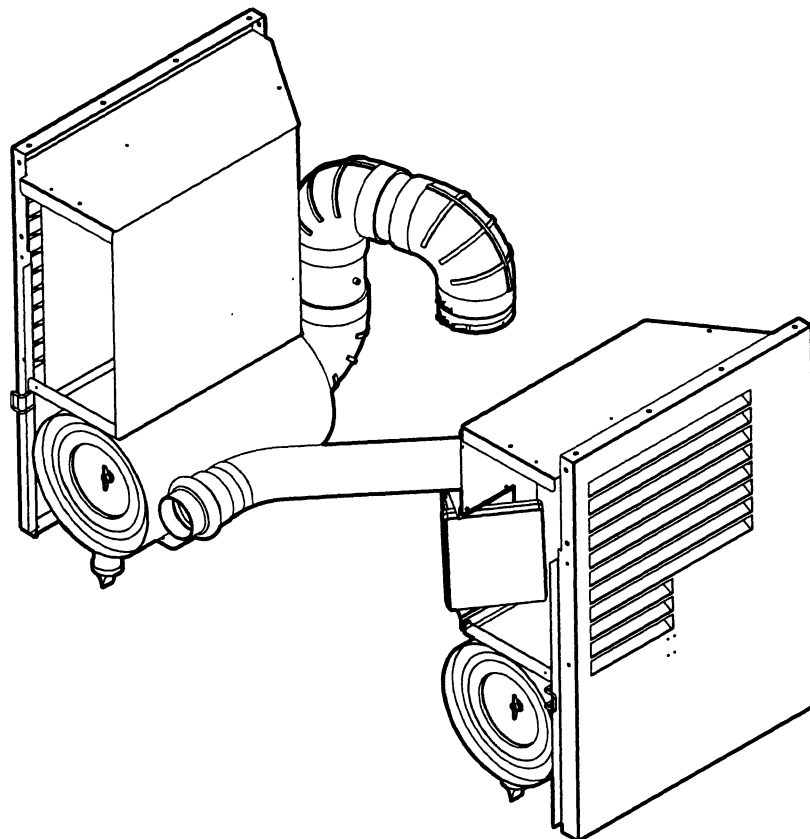
ENGINE COOLING PIPING



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35330570	4	CONNECTOR , RUBBER				
B	54454251	1	TUBE , LOWER RADIATOR				
C	54444427	8	CLAMP				
D	54422522	4	CONNECTOR , RUBBER				
E	35111731	2	CLAMP				
F	54661459	2	SUPPORT				
G	54422555	1	TUBE , CHG. AIR INLET				
H	54633920	1	TUBE , CHG. AIR				
J	31497357	8	CLAMP				
K	54454244	1	TUBE , UPPER RADIATOR				
L	36895746	4	NUT				
M	35279025	4	SCREW				
	35285600	1	58" HOSE				
	35296342	2	CLAMP				

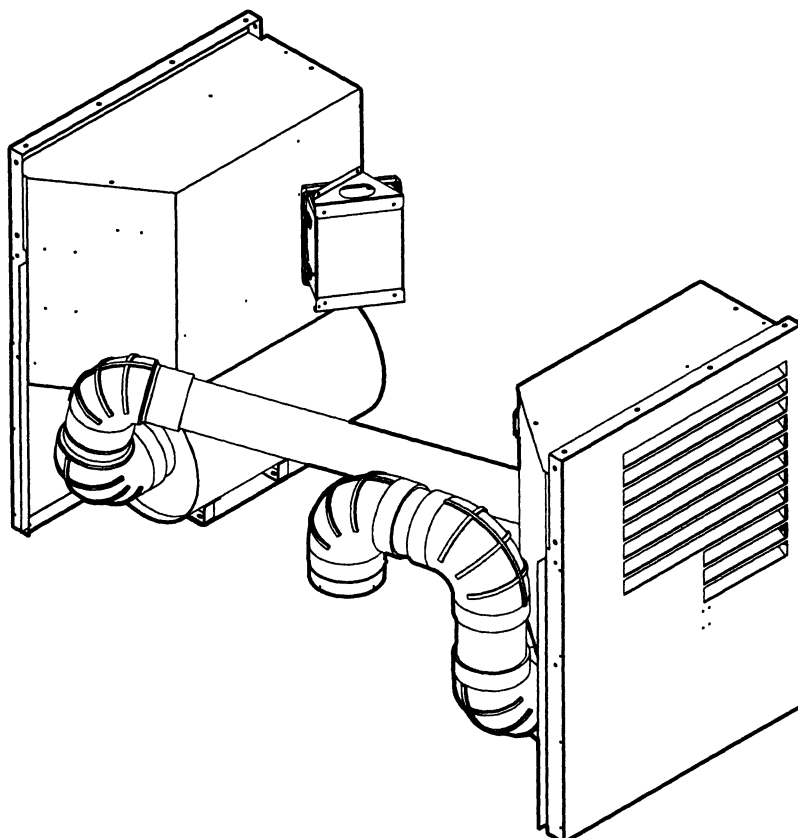
AIR INTAKE ASSEMBLY

(AIR END)



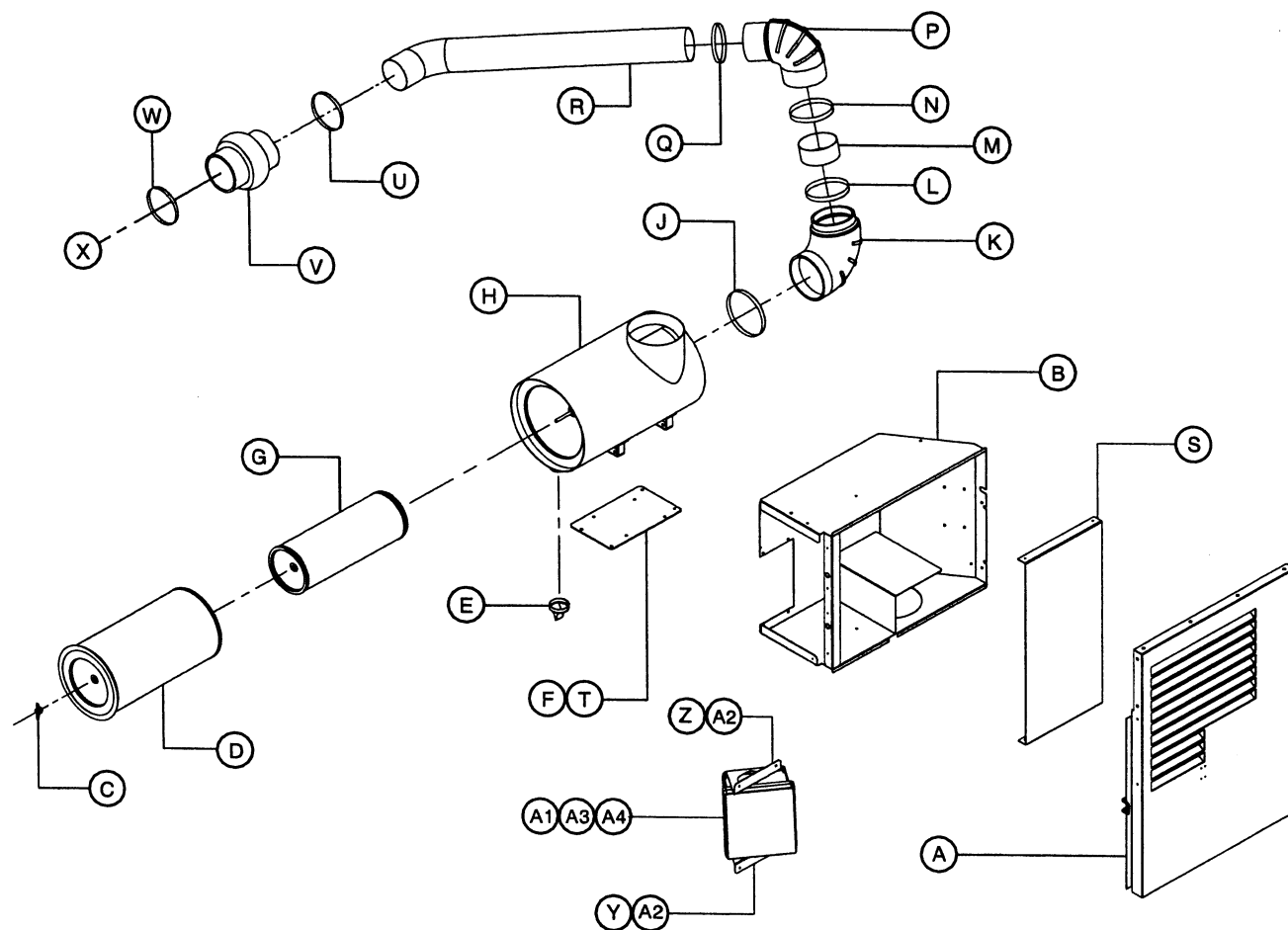
(ENGINE)

(ENGINE)



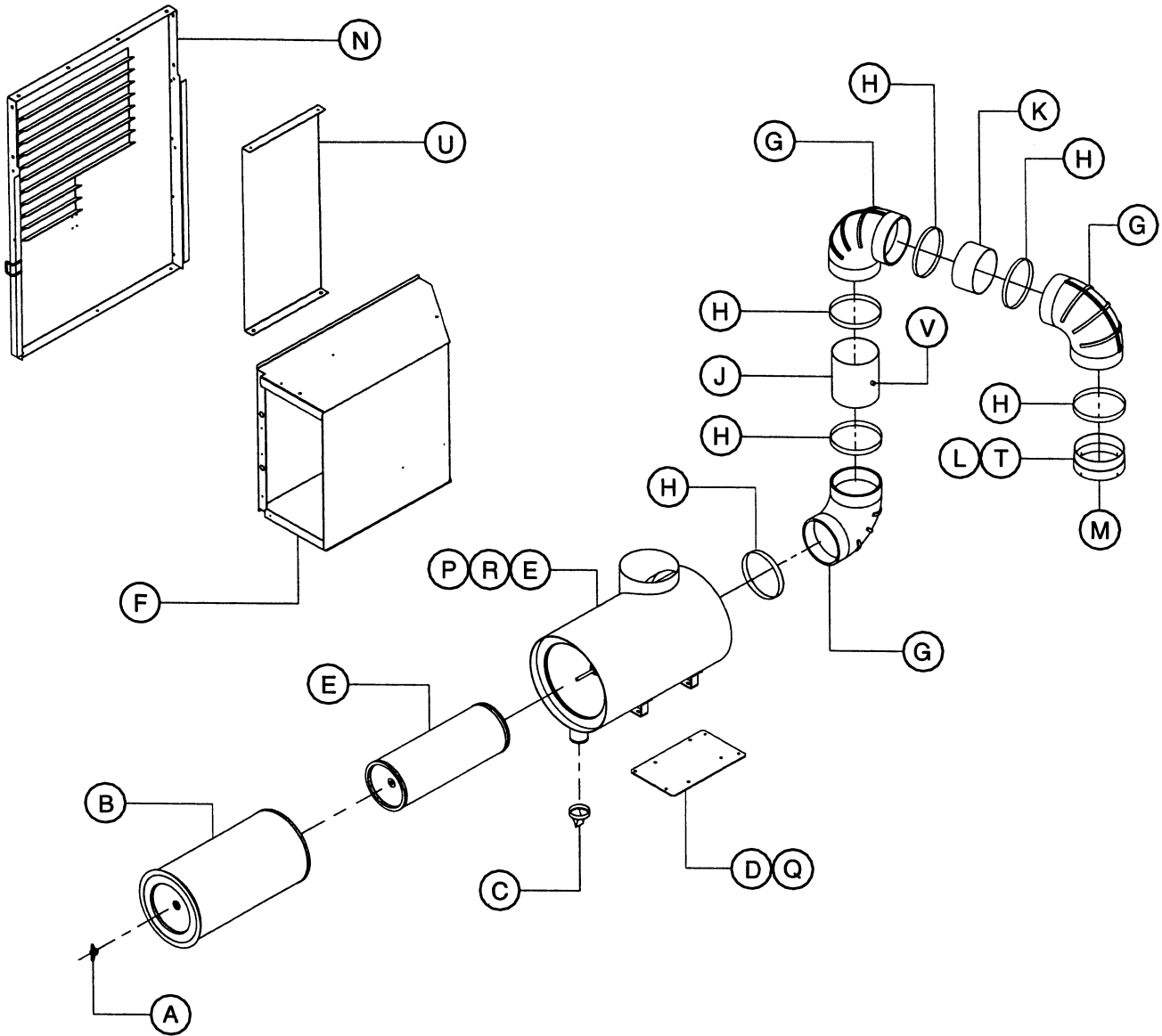
(AIR END)

ENGINE AIR INTAKE



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54656194	1	INTAKE GRILL , STREET SIDE	A1	54631312	1	BOX , POWER DISTRIBUTOR (FUSE)
B	54656491	1	INTAKE HOUSING , STREET SIDE	A2	35300771	4	SCREW
C	35388982	1	NUT , WING	A3	36898096	4	SCREW
D	36864361	1	ELEMENT , PRIMARY	A4	36898104	4	NUT
E	36867778	1	VALVE , EVACUATOR				
F	54631338	1	PLATE , MOUNTING				
G	36864379	1	ELEMENT , SAFETY				
H	54625926	1	HOUSING , AIR CLEANER				
J	35119858	1	CLAMP				
K	36759025	1	ELBOW , RUBBER				
L	35119858	1	CLAMP				
M	35112648	1	TUBING				
N	35119858	1	CLAMP				
P	35315894	1	ELBOW , RUBBER				
Q	35123496	1	CLAMP				
R	54674007	1	TUBE				
S	54656517	1	BAFFLE , VERTICAL				
T	35279025	4	SCREW				
U	35123496	1	CLAMP				
V	35264415	1	HOSE , HUMP				
W	35161025	1	CLAMP				
X	TO ENGINE TURBO						
Y	54656533	1	BRACKET , BOTTOM				
Z	54656525	1	BRACKET , TOP				

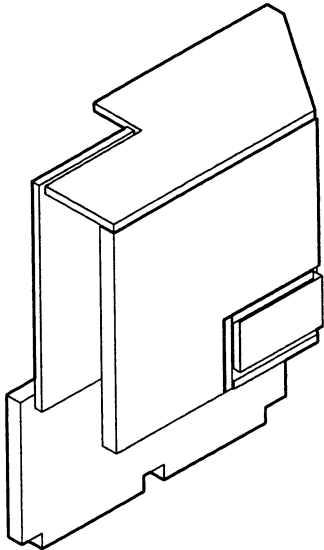
AIREND AIR INTAKE



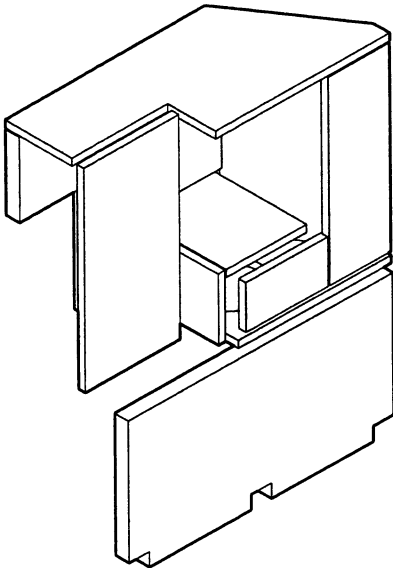
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35388982	1	NUT , WING				
B	36864361	1	ELEMENT , PRIMARY				
C	36867778	1	VALVE , EVACUATOR				
D	54631338	1	PLATE , MOUNTING				
E	36864379	1	ELEMENT , SAFETY				
F	54656509	1	INTAKE HOUSING , CURB SIDE				
G	35120211	3	ELBOW , RUBBER				
H	35129071	6	CLAMP				
J	54638143	1	TUBE				
K	35300110	1	TUBE				
L	39919352	1	TUBE , ADAPTER				
M	TO AIR END INTAKE						
N	54656202	1	INTAKE GRILL , CURB SIDE				
P	36864346	1	HOUSING , AIR CLEANER				
Q	35279025	4	SCREW				
R	35376953	4	SCREW				
S	36879195	4	NUT				
T	39919360	1	GASKET				
U	54656517	1	BAFFLE , VERTICAL				
V	54557095	1	THERMISTER (RT-6)				

AIR INTAKE ACOUSTIC ASSEMBLY

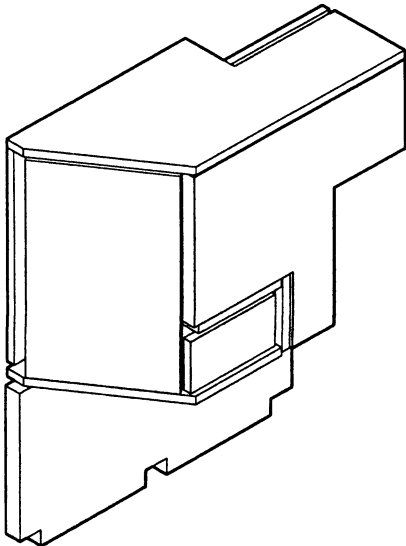
(AIR END)



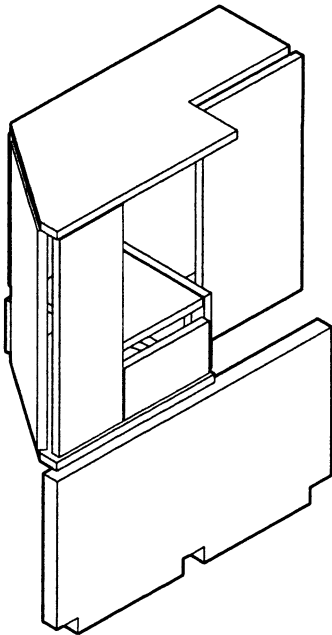
(ENGINE)



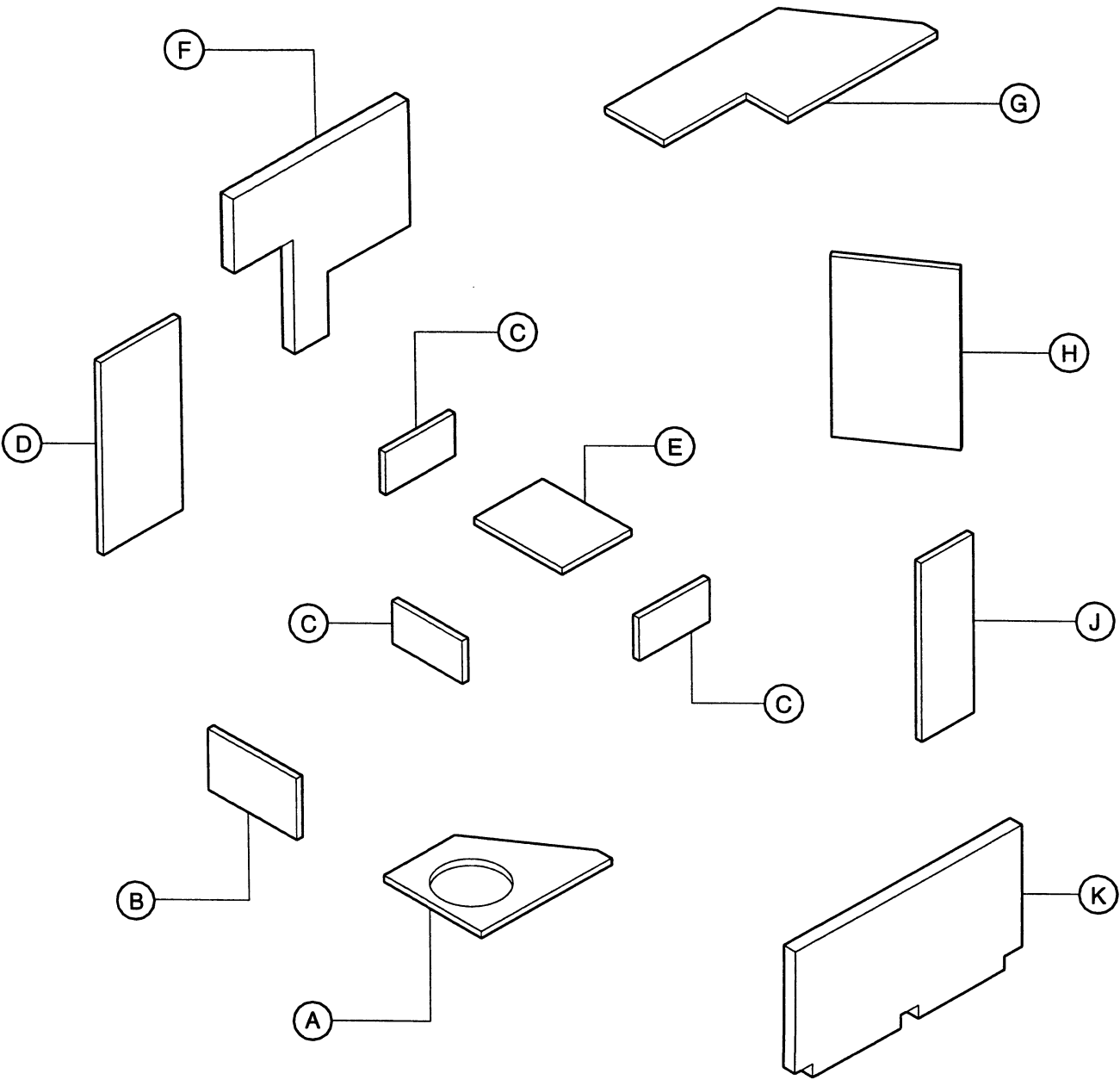
(ENGINE)



(AIR END)

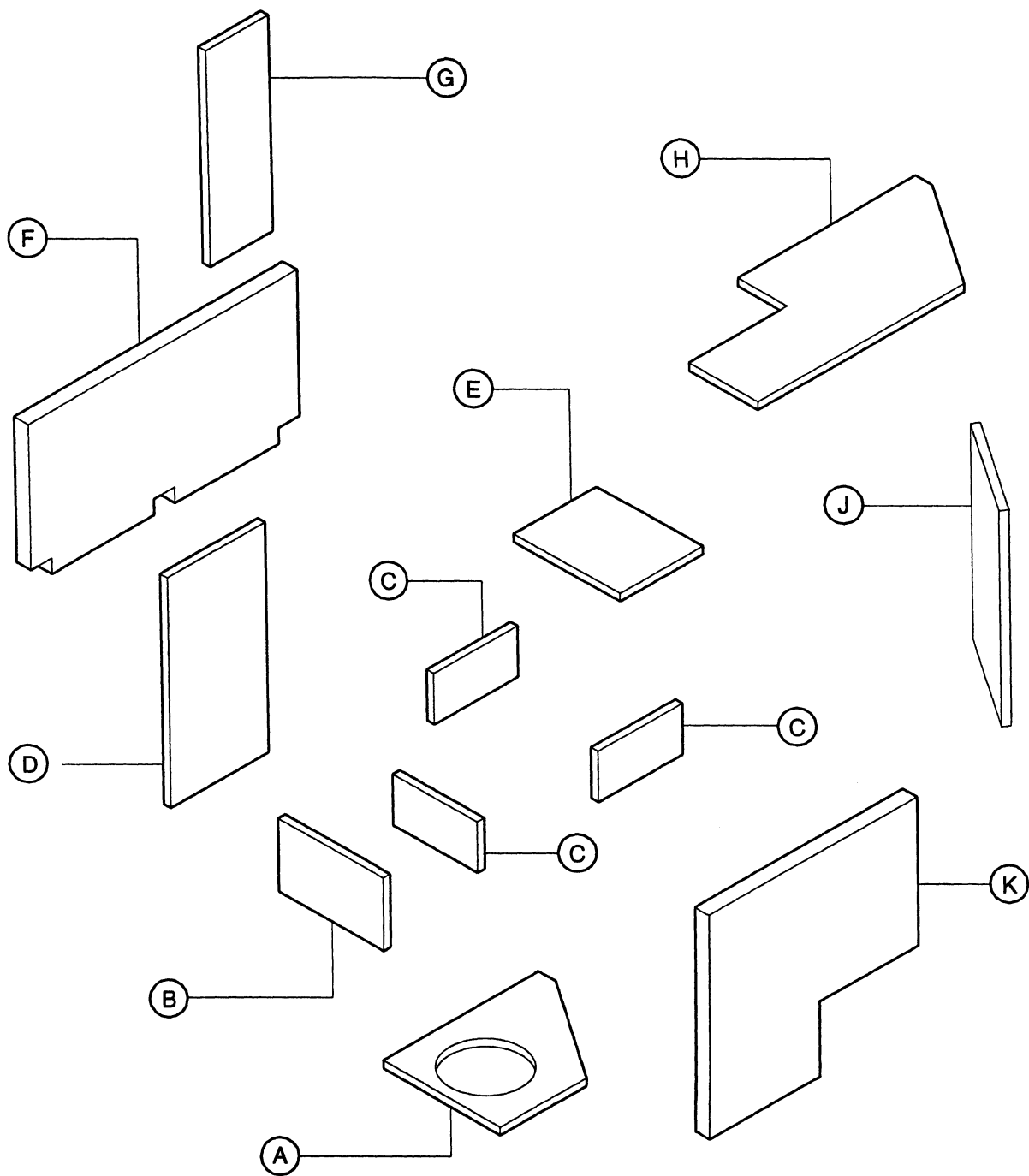


ENGINE AIR INTAKE ACOUSTICS



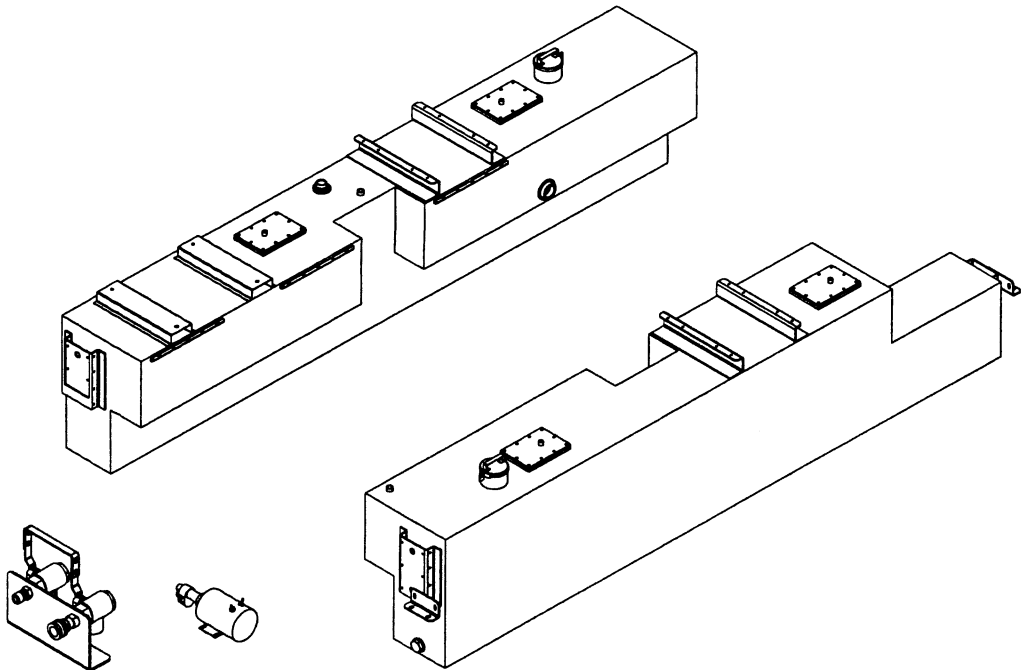
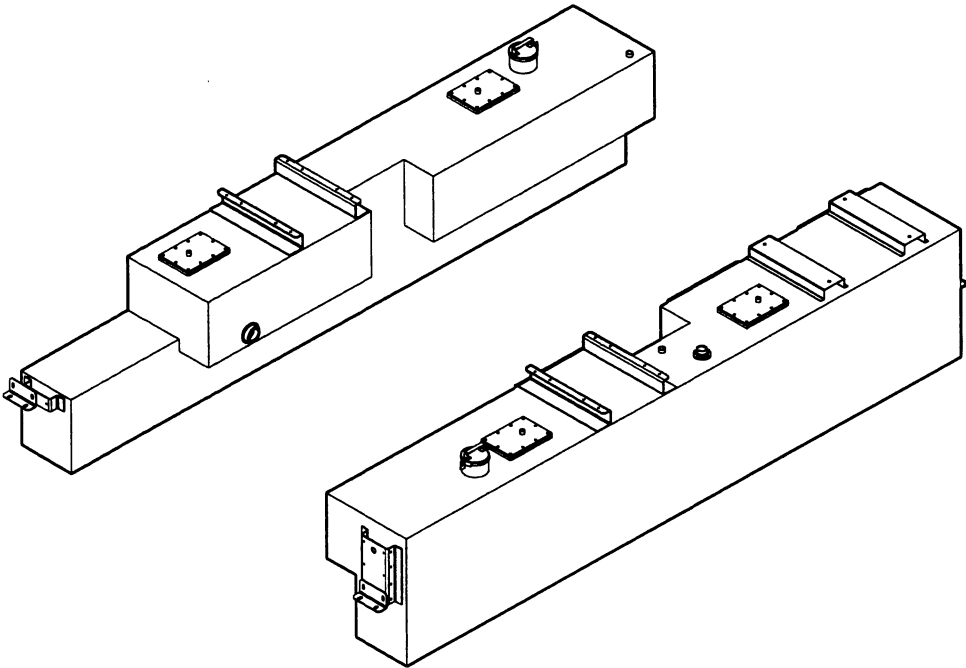
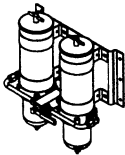
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659289	1	FOAM , ENGINE AIR INTAKE (BOTTOM)				
B	54659271	1	FOAM , INTAKE (SIDE)				
C	54659255	3	FOAM , INTAKE BOX				
D	54659222	1	FOAM , INTAKE (REAR)				
E	54659263	1	FOAM , INTAKE BOX (TOP)				
F	54659339	1	FOAM , INTAKE REAR				
G	54659305	1	FOAM , INTAKE (TOP)				
H	54659347	1	FOAM , INTAKE (SIDE)				
J	54659248	1	FOAM , INTAKE (SIDE)				
K	54659230	1	FOAM , INTAKE (FRONT)				

AIR END AIR INTAKE ACOUSTICS

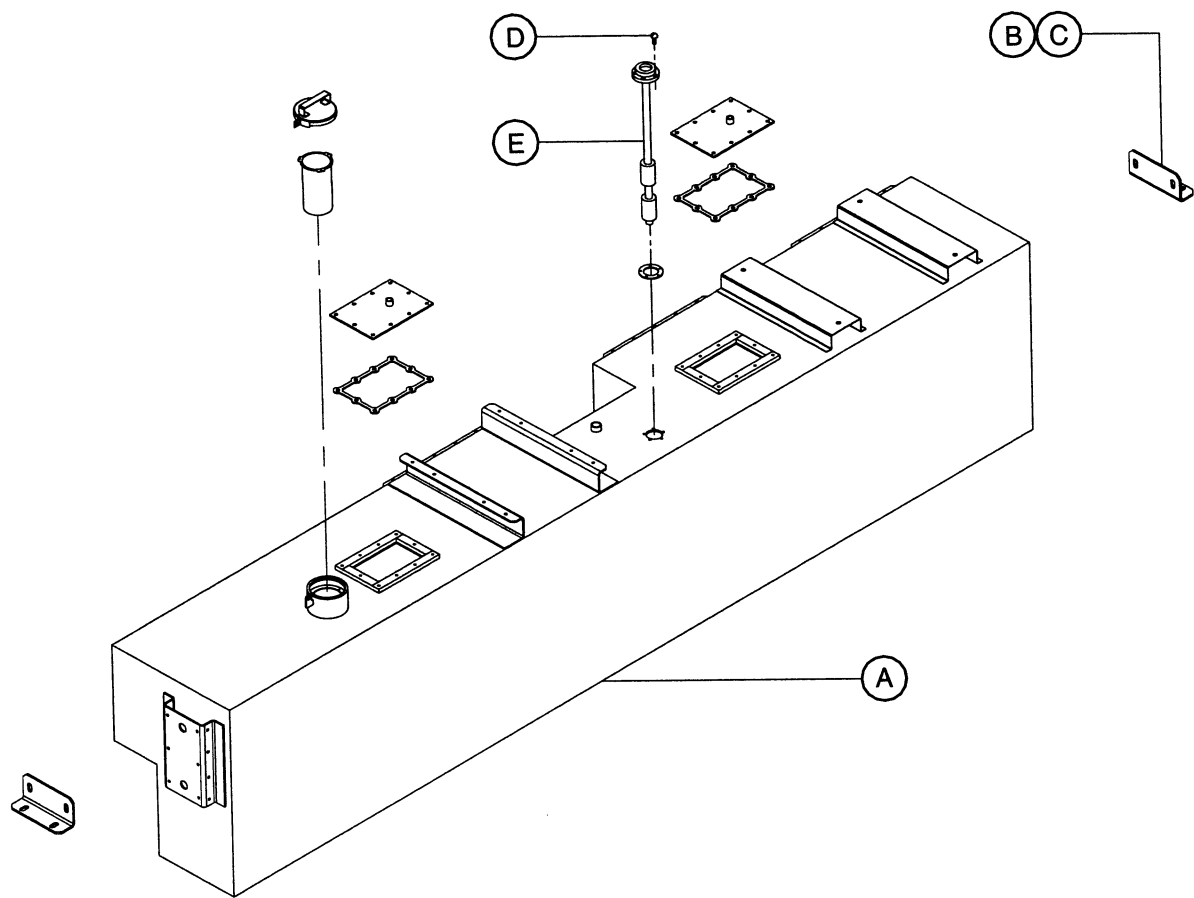


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659297	1	FOAM , AIR END AIR INTAKE (BOTTOM)				
B	54659271	1	FOAM , INTAKE (SIDE)				
C	54659255	3	FOAM , INTAKE BOX				
D	54659222	1	FOAM , INTAKE (REAR)				
E	54659263	1	FOAM , INTAKE BOX (TOP)				
F	54659230	1	FOAM , INTAKE REAR				
G	54659248	1	FOAM , INTAKE (FRONT)				
H	54659313	1	FOAM , INTAKE (TOP)				
J	54659347	1	FOAM , INTAKE (SIDE)				
K	54659321	1	FOAM , INTAKE (REAR)				

FUEL TANK ASSEMBLY

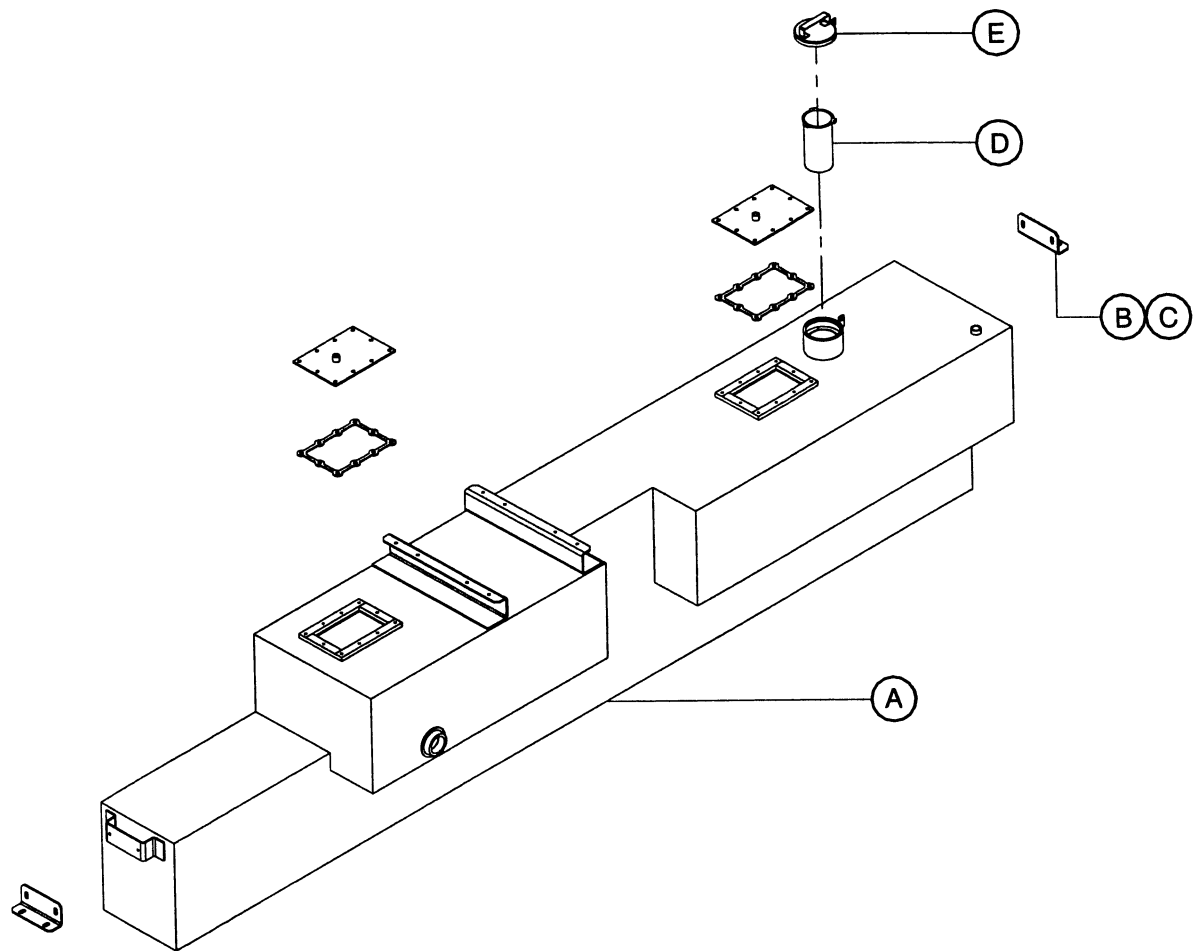


FUEL TANK



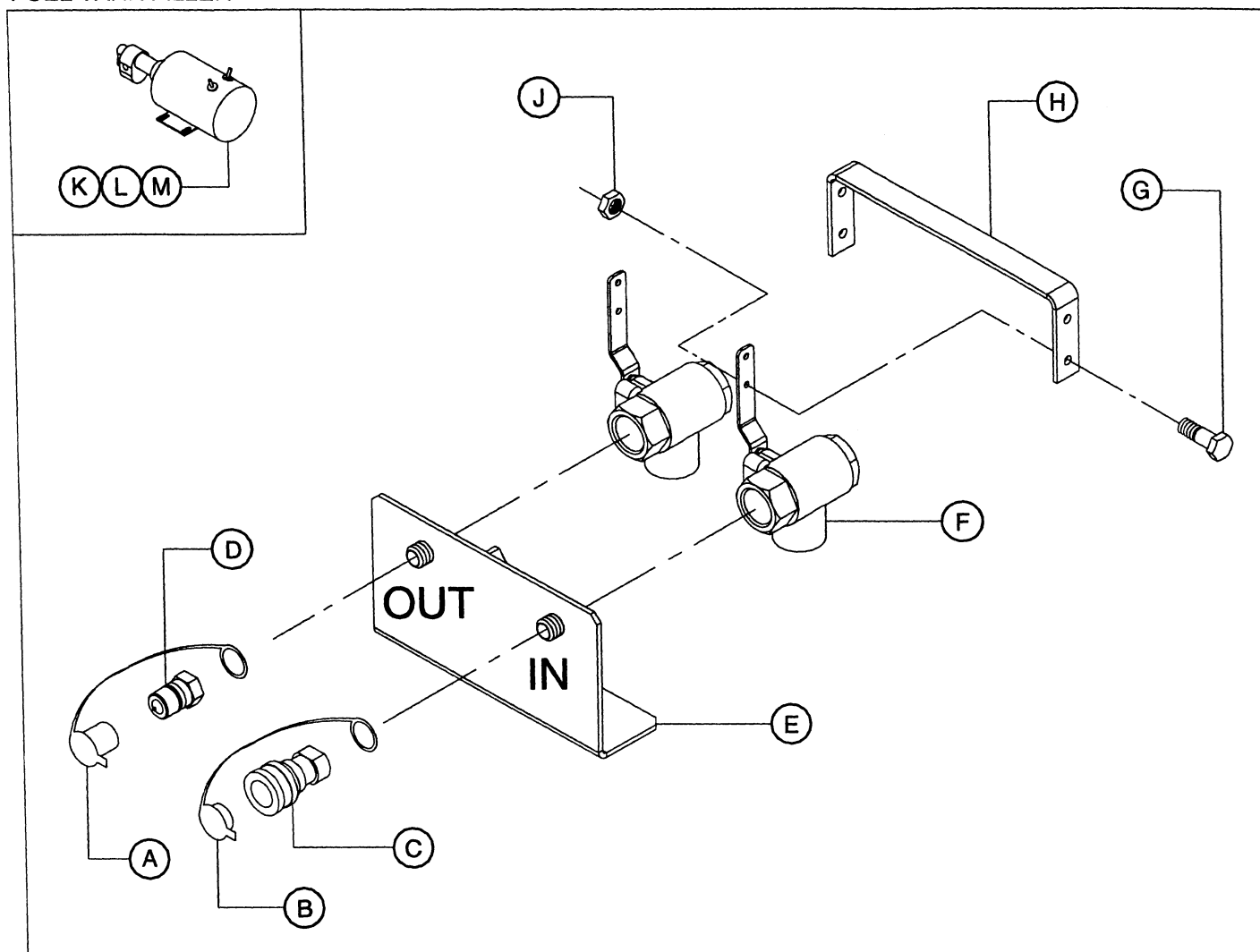
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54377585	1	TANK , FUEL				
B	54381769	2	BRACKET , MOUNTING				
C	35279025	8	SCREW				
D	36842102	5	SCREW				
E	36876845	1	SENDER , FUEL				

FUEL TANK



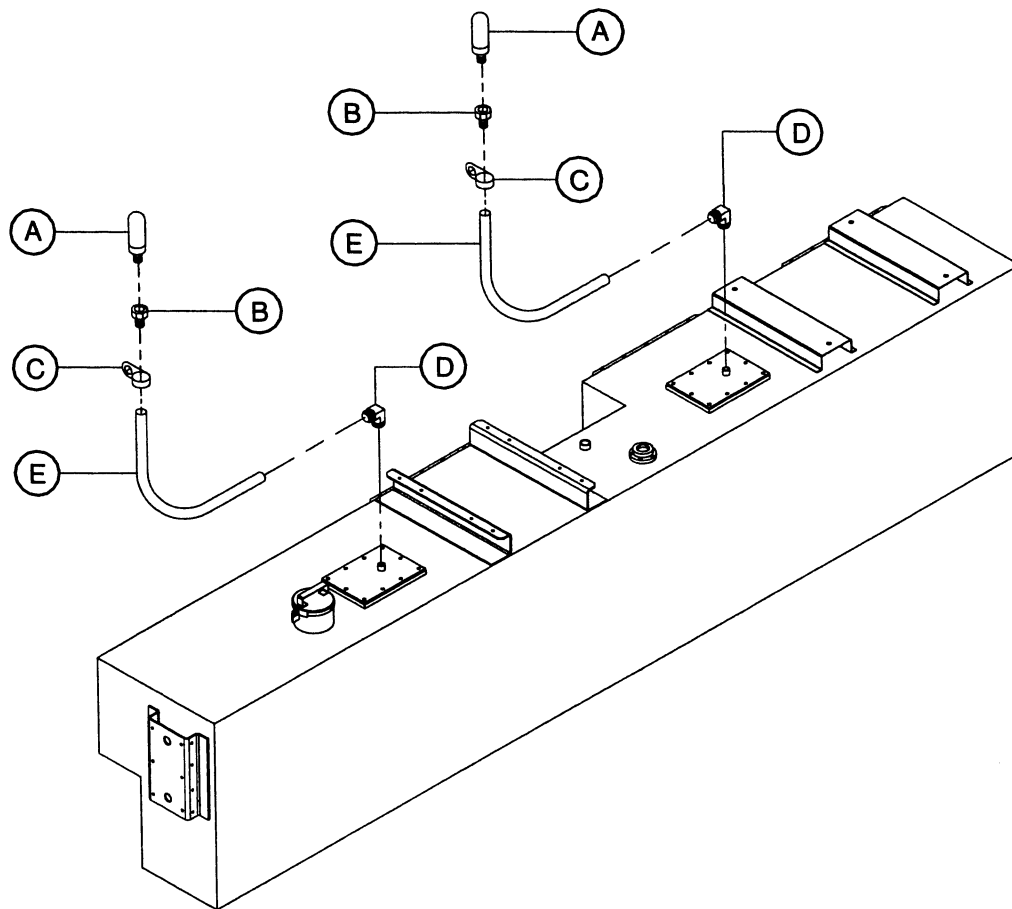
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54381793	1	TANK , FUEL				
B	54381769	2	BRACKET , MOUNTING				
C	35279025	8	SCREW				
D	36845022	1	STRAINER				
E	36845014	1	CAP , FUEL				

FUEL TANK FILLER



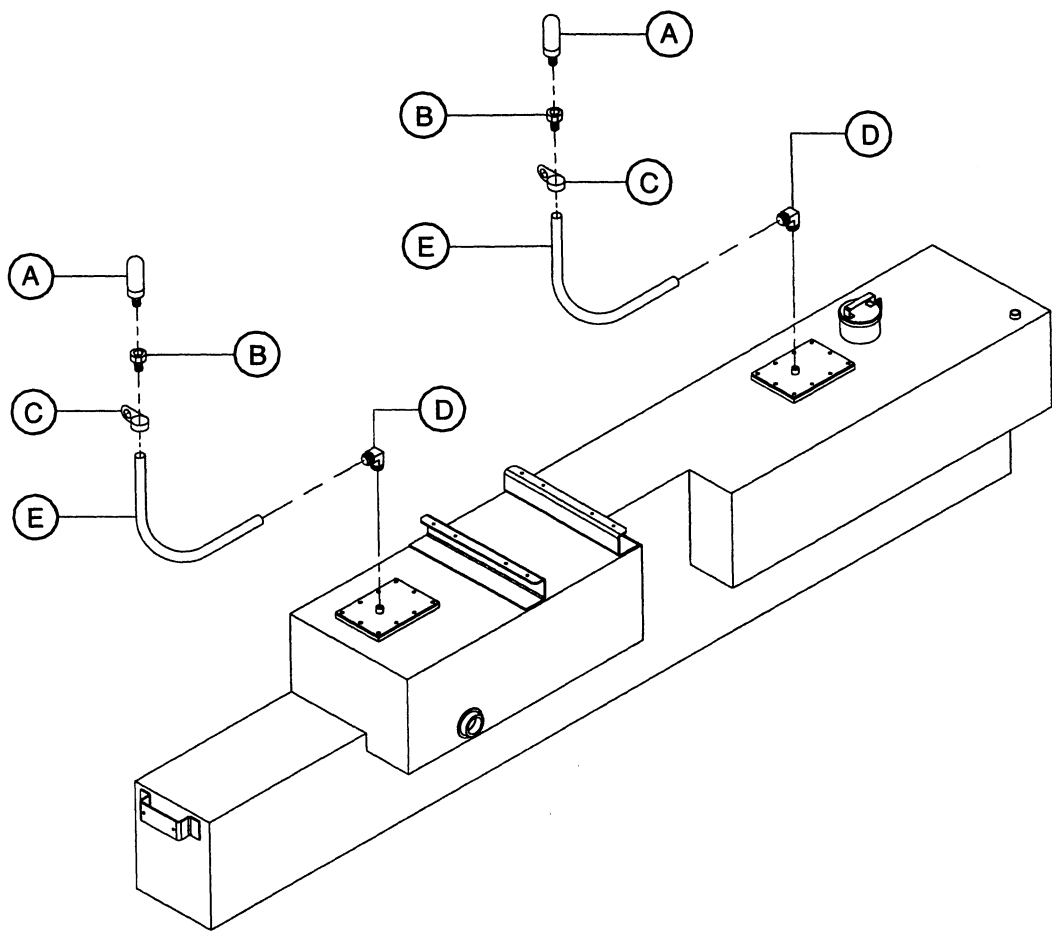
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54720222	1	PLUG , DUST				
B	54720230	1	PLUG , DUST				
C	54489109	1	CONNECTOR				
D	54489125	1	COUPLER				
E	54454103	1	BRACKET , FUEL COUPLER				
F	54726575	2	VALVE , 3-WAY				
G	36898096	4	BOLT				
H	54720248	1	LEVER , VALVE				
J	36898104	4	NUT				
K	54661962	1	FUEL PUMP ASSEMBLY				
L	54728605	1	MOTOR , FUEL PUMP				
M	54728639	1	HEAD , FUEL PUMP				

FUEL TANK



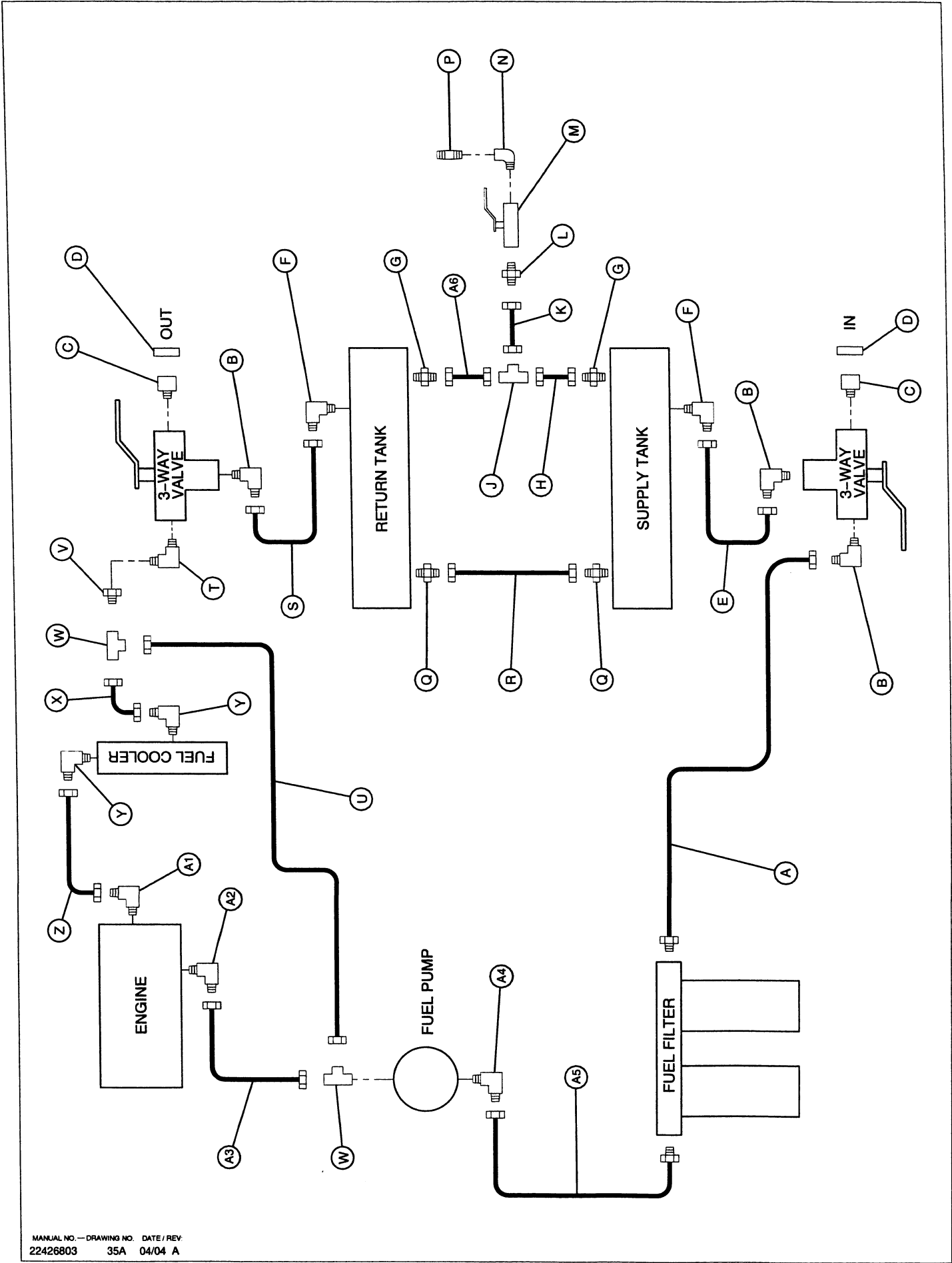
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35369354	1	ELBOW				
B	35356484	1	TUBING				
C	35253038	1	CLAMP				
D	35369339	1	CONNECTOR				
E	35322395	1	SILENCER				

FUEL TANK



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35369354	1	ELBOW				
B	35356484	1	TUBING				
C	35253038	1	CLAMP				
D	35369339	1	CONNECTOR				
E	35322395	1	SILENCER				

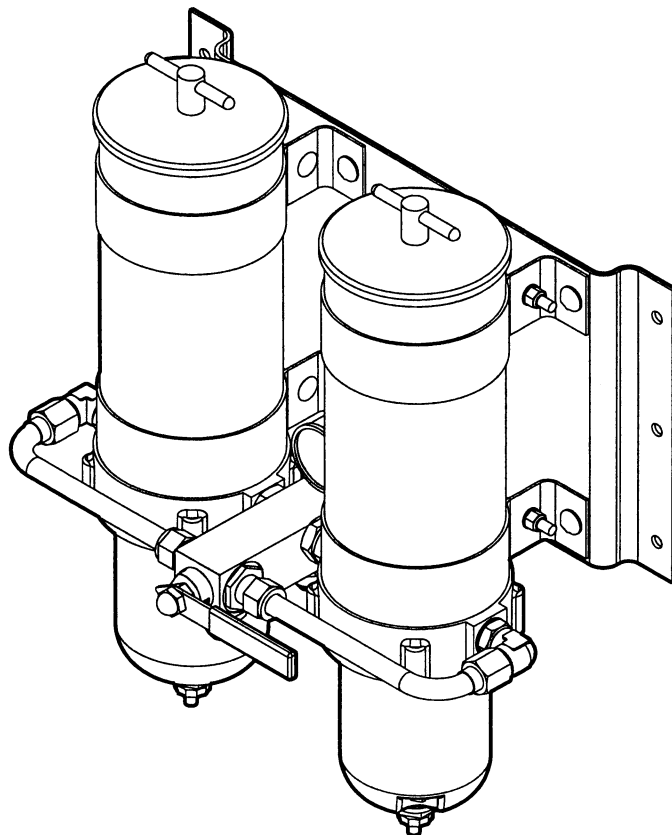
FUEL PIPING



FUEL PIPING

(A)	35291863	HOSE ASSEMBLY
(B)	95937637	ELBOW
(C)	54489125	COUPLER
(D)	54720230	PLUG , DUST
(E)	35286939	HOSE ASSEMBLY
(F)	35286756	ELBOW
(G)	36846061	ADAPTER
(H)	36792018	HOSE ASSEMBLY
(J)	95774220	TEE
(K)	54718747	HOSE ASSEMBLY
(L)	95328761	ADAPTER
(M)	35576123	VALVE , BALL
(N)	95928180	ELBOW
(P)	95946117	NIPPLE
(Q)	35335124	ADAPTER
(R)	54718754	HOSE ASSEMBLY
(S)	54718887	HOSE ASSEMBLY
(T)	95928172	ELBOW
(U)	54718655	HOSE ASSEMBLY
(V)	95953956	BUSHING
(W)	35315977	TEE
(X)	54718861	HOSE ASSEMBLY
(Y)	95992863	ELBOW
(Z)	54718853	HOSE ASSEMBLY
(A1)	35287911	ELBOW
(A2)	35305648	ELBOW
(A3)	54718846	HOSE ASSEMBLY
(A4)	35286525	ELBOW
(A5)	35291863	HOSE ASSEMBLY
(A6)	35142199	HOSE ASSEMBLY

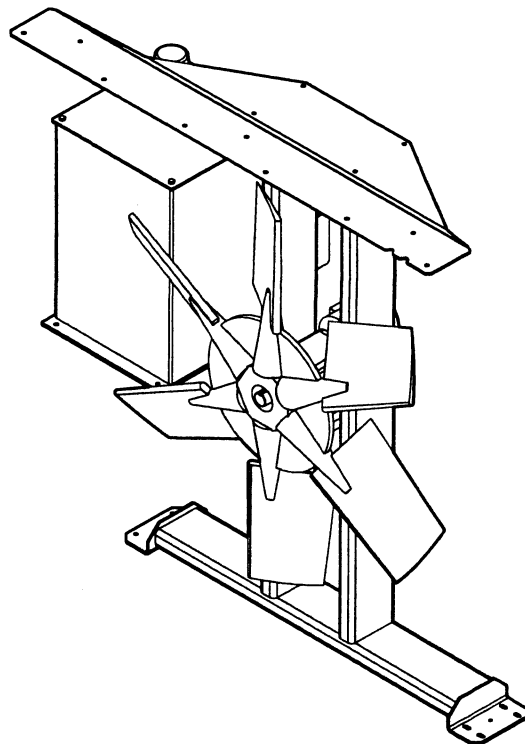
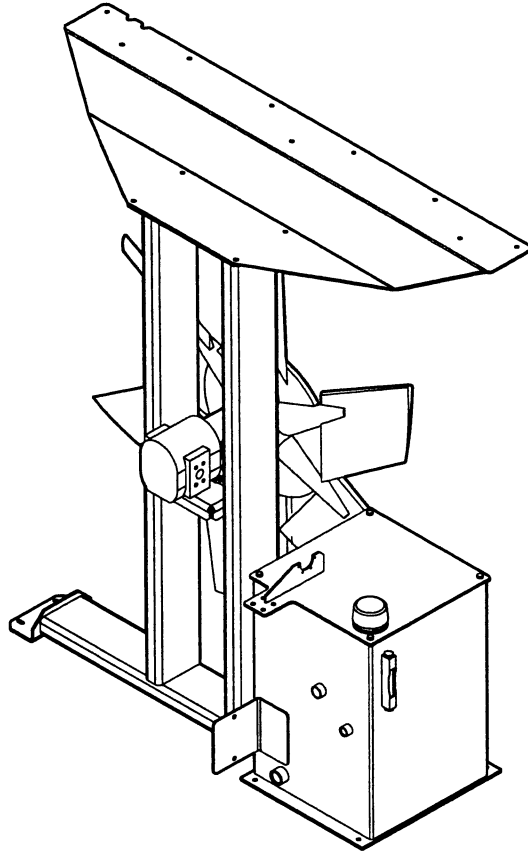
WATER FILTER ASSEMBLY



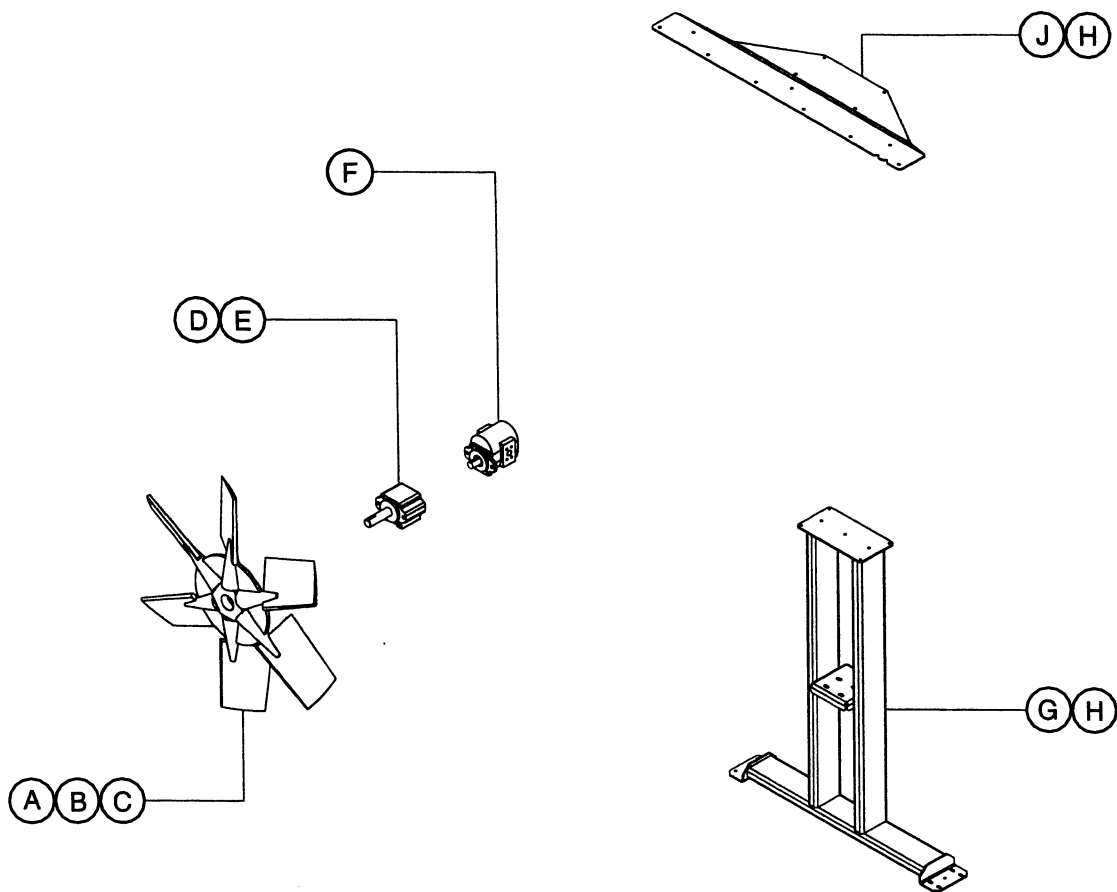
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54661582	1	FILTER ASSEMBLY				
B	* 54726971	1	GAUGE , VACUUM				
C	* 54726965	2	HEATERS , 24 VOLT / 300 WATT				
D	* 54661590	2	ELEMENTS , REPLACEMENT				

* INCLUDED WITH ASSEMBLY

HYDRAULIC FAN ASSEMBLY

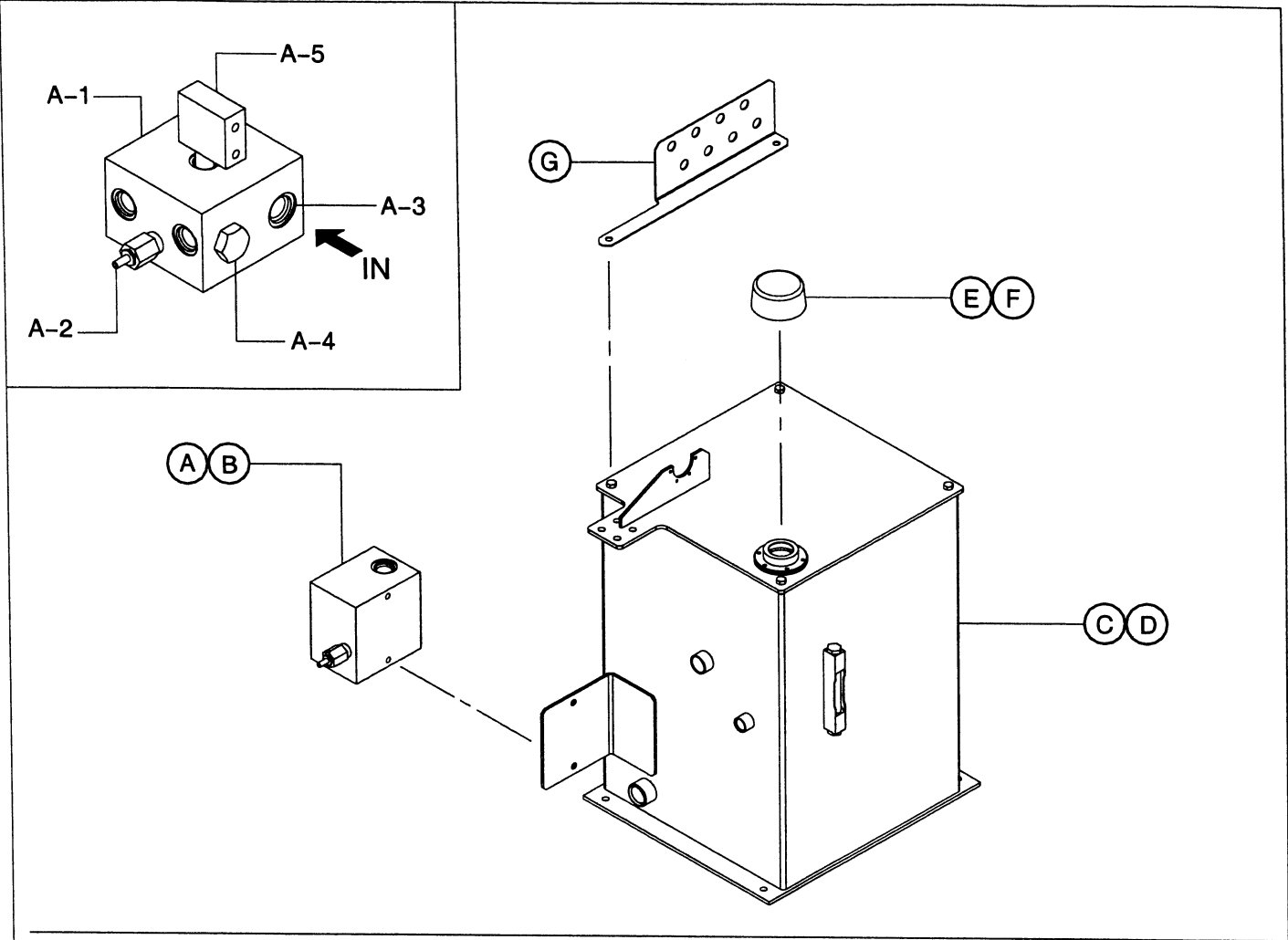


HYDRAULIC FAN ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54721188	1	FAN				
B	36863389	1	BUSHING , FAN				
C	35321421	1	KEY , BUSHING				
D	43205327	1	ADAPTER , OVERHUNG LOAD				
E	95955548	2	SCREW				
F	54661442	1	MOTOR , HYDRAULIC FAN				
G	54597588	1	SUPPORT , HYDRAULIC FAN				
H	35279025	----	SCREW				
J	54601620	1	PLATE , TOP				

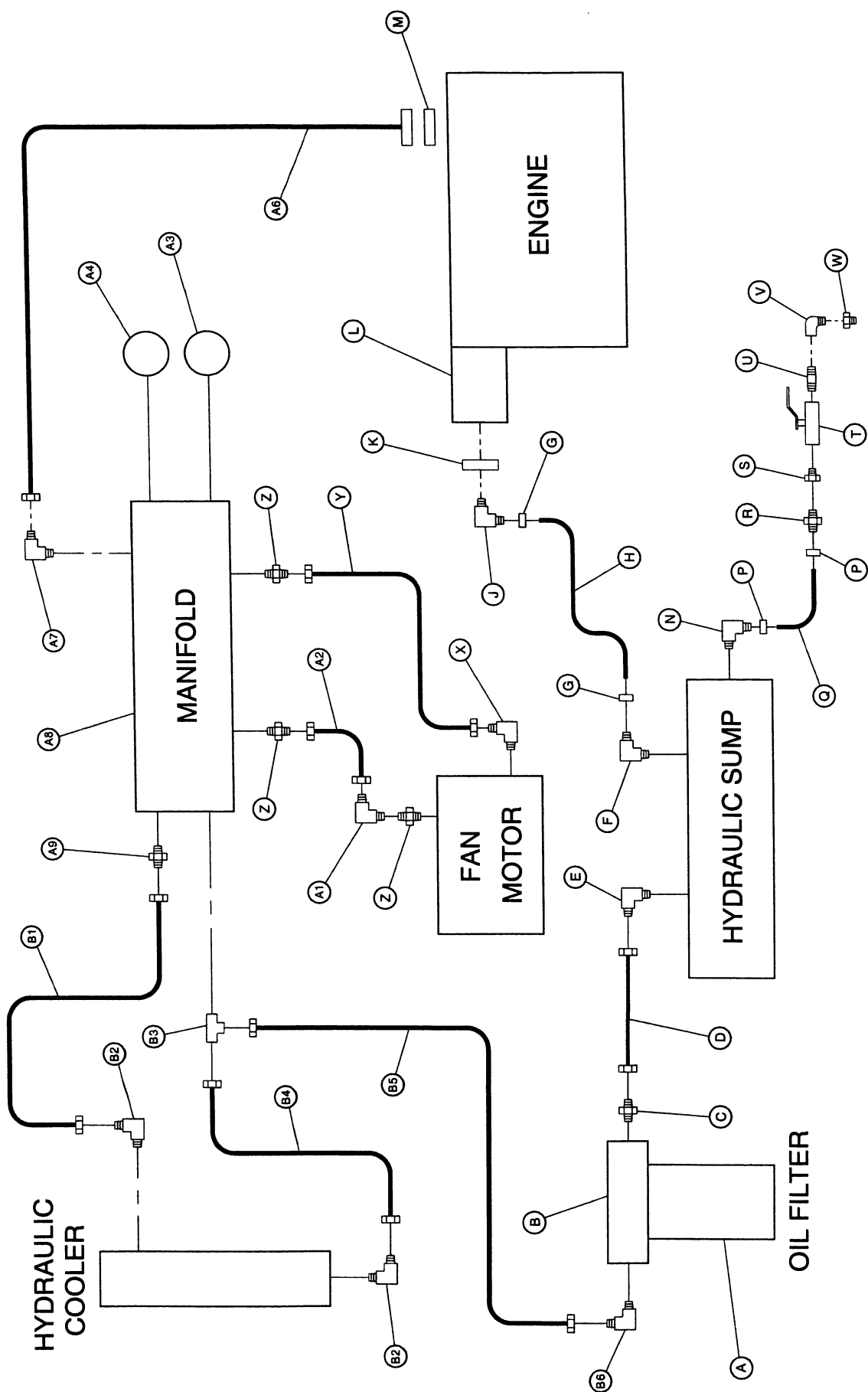
HYDRAULIC TANK ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54603865	1	RELIEF VALVE ASSEMBLY				
A-1	54631924	1	BLOCK , RELIEF VALVE				
A-2	54661517	1	CARTRIDGE , ADJUSTABLE RELIEF				
A-3	54661525	1	CARTRIDGE , CHECK VALVE				
A-4	54661541	1	VALVE , CHECK				
A-5	54661509	1	VALVE , PROPORTIONAL				
	35279827	1	ELBOW				
	35367846	1	NUT , SWIVEL				
	54661574	1	ISOLATOR , NEEDLE VALVE GAUGE				
	54661566	1	GAUGE , 0-3000 PSI				
B	95934618	2	SCREW				
C	54457072	1	TANK ASSEMBLY				
D	35279025	4	SCREW				
E	43205384	1	CAP				
F	43205392	1	GASKET				
G	54576327	1	BRACKET , TRANSDUCER				

NOT ILLUSTRATED

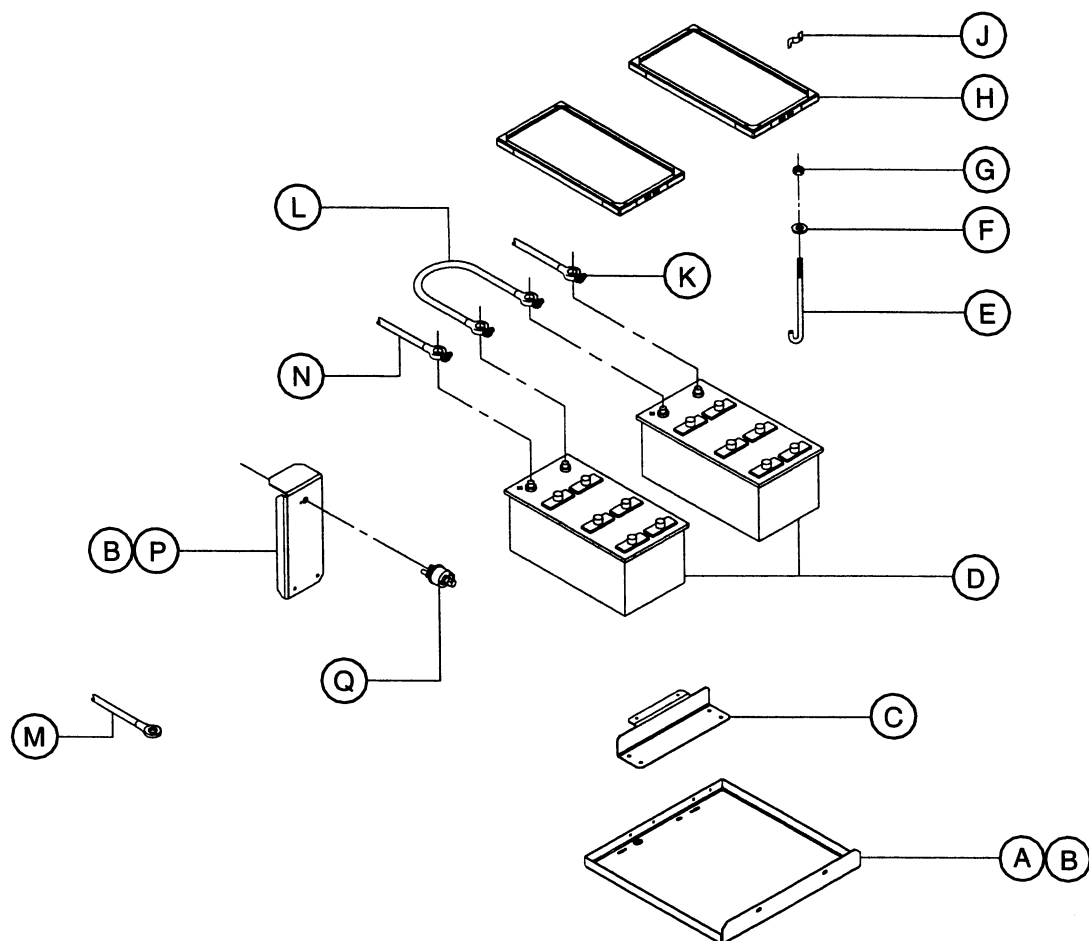
HYDRAULIC PIPING



HYDRAULIC PIPING

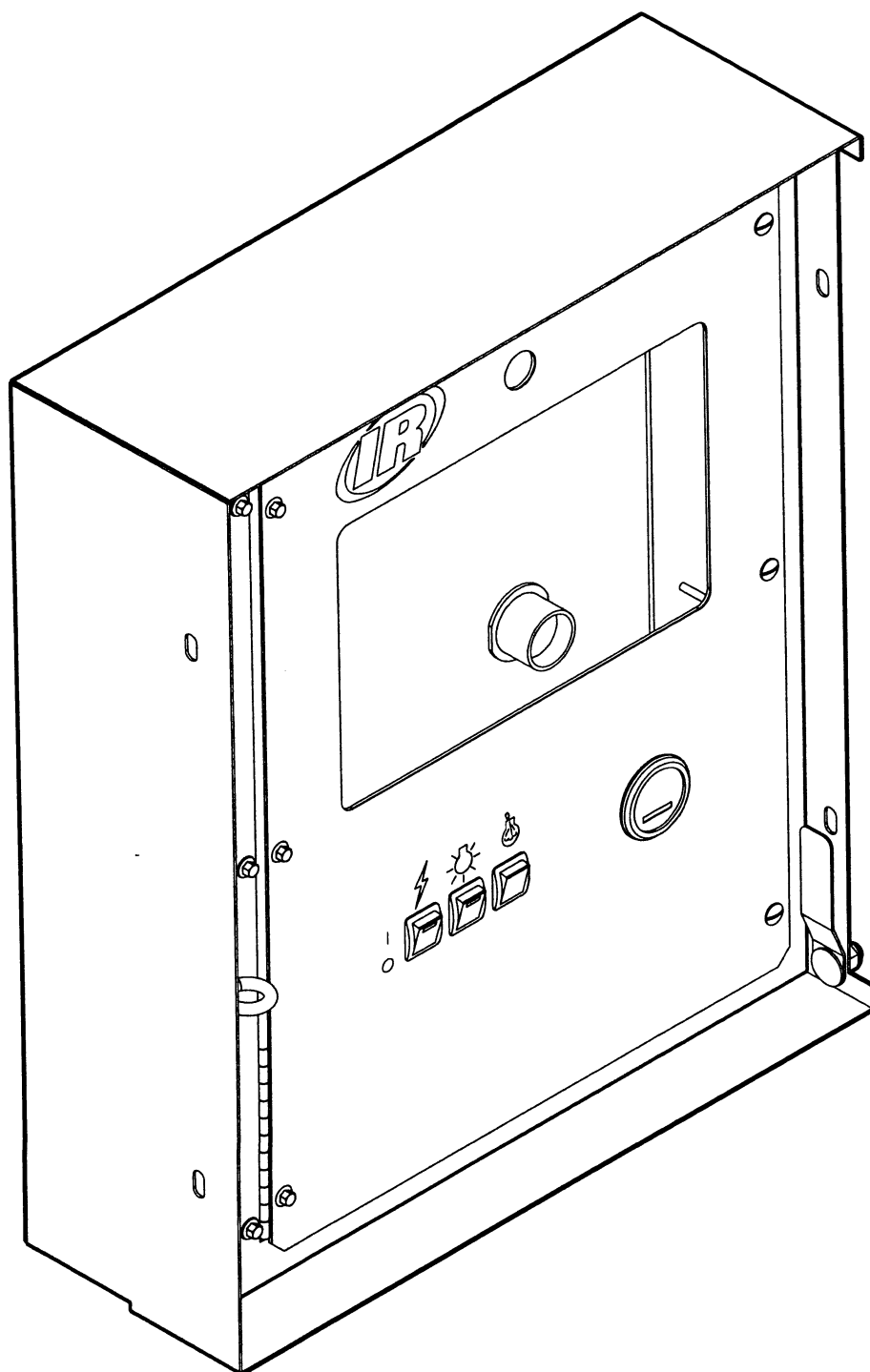
(A)	39911615	ELEMENT , FILTER	(A1)	35292051	ELBOW
(B)	39871165	HEAD , FILTER	(A2)	54718705	HOSE ASSEMBLY
(C)	95356978	CONNECTOR	(A3)	54661509	VALVE , PROPORTIONAL
(D)	54718697	HOSE ASSEMBLY	(A4)	54661566	GAUGE
(E)	95219853	ELBOW	(A5)	54661574	ISOLATOR
(F)	54603733	ELBOW	(A6)	54718721	HOSE ASSEMBLY
(G)	54603816	CLAMP	(A7)	35291384	ELBOW
(H)	54603790	HOSE (104")	(A8)	54603865	MANIFOLD
(J)	54603782	ELBOW	(A9)	35295880	CONNECTOR
(K)	54603758	FLANGE , SPLIT	(B1)	54718788	HOSE ASSEMBLY
(L)	54604343	PUMP , HYDRAULIC	(B2)	35294750	ELBOW
(M)	54603766	FLANGE , SPLIT	(B3)	35332030	TEE
(N)	35366665	ELBOW	(B4)	54718762	HOSE ASSEMBLY
(P)	95220844	CLAMP	(B5)	54718689	HOSE ASSEMBLY
(Q)	35326578	HOSE (96")	(B6)	59798322	ELBOW
(R)	35326560	ADAPTER			
(S)	95953949	BUSHING			
(T)	35576115	VALVE , BALL			
(U)	95647939	NIPPLE			
(V)	95928172	ELBOW			
(W)	95944617	BUSHING			
(X)	35291384	ELBOW			
(Y)	54718705	HOSE ASSEMBLY			
(Z)	95955993	CONNECTOR			

BATTERY & MOUNTING

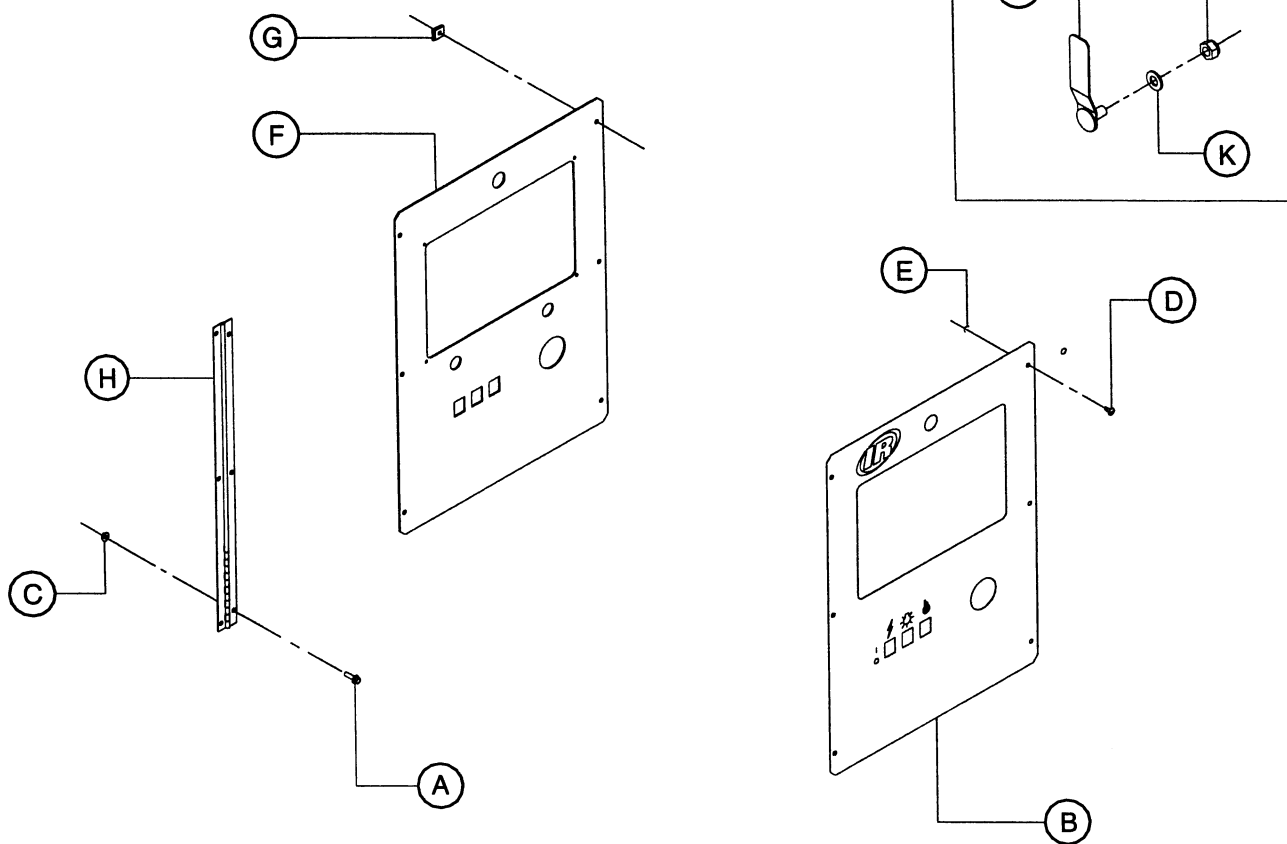


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54618640	1	TRAY , BATTERY				
B	35279025	----	SCREW				
C	54619952	1	SUPPORT , TRAY				
D	35225788	2	BATTERY				
E	36860005	4	J-BOLT				
F	95935029	4	WASHER				
G	35144492	4	NUT				
H	35562156	2	HOLD-DOWN , BATTERY				
J	35108216	4	CLIP				
K	54511258	1	CABLE , NEGATIVE				
L	35128982	1	CABLE , JUMPER				
M	54511274	1	CABLE , POSITIVE				
N	54511282	1	CABLE , DISCONNECT SWITCH				
P	54690789	1	BRACKET , MASTER DISCONNECT SWITCH				
Q	36896975	1	SWITCH , MASTER DISCONNECT				
	54511241	1	GROUND STRAP FROM STARTER				
	35293075	1	GROUND STRAP TO RH OF ENGINE				

INSTRUMENT / CONTROL PANEL ASSEMBLY

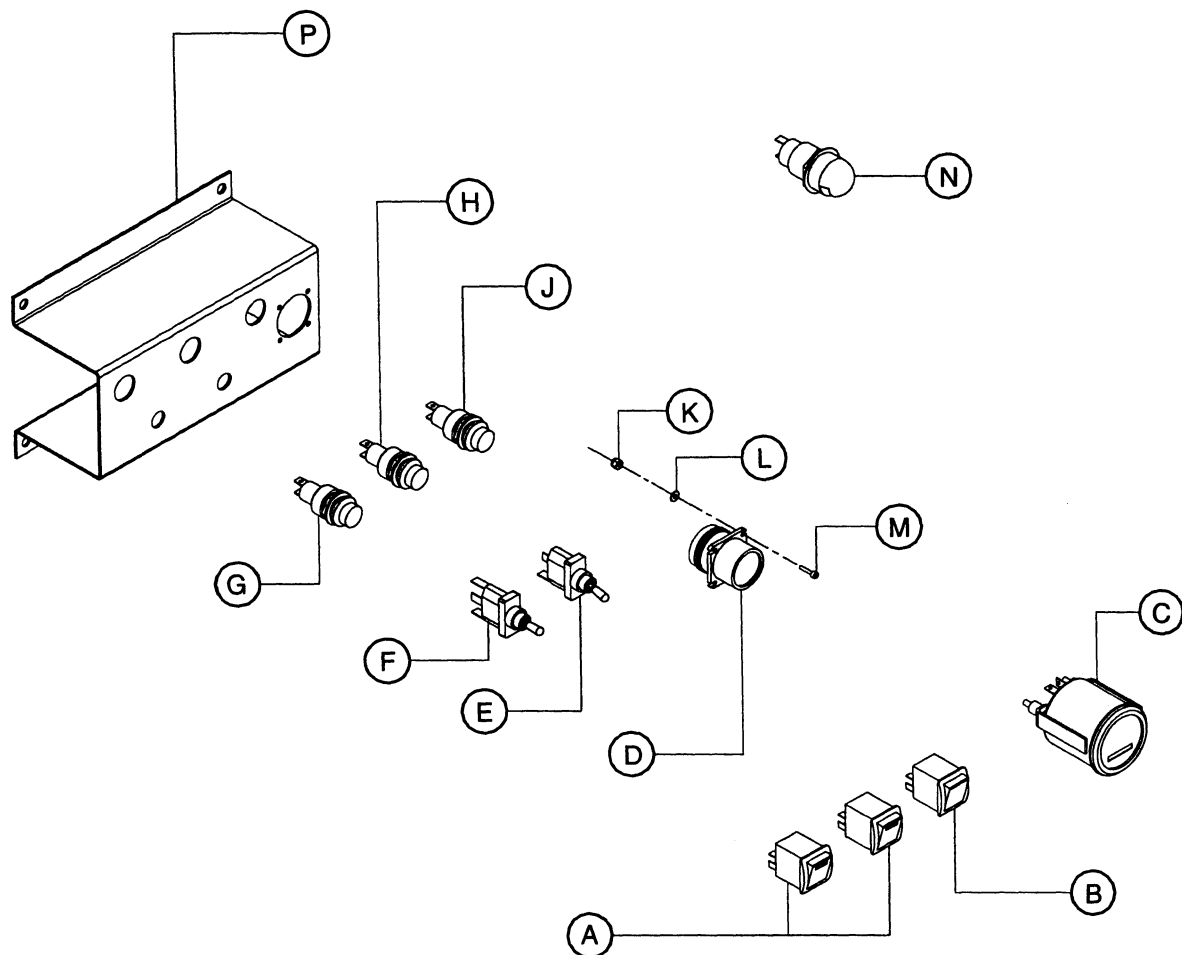


INSTRUMENT / CONTROL PANEL MOUNTING



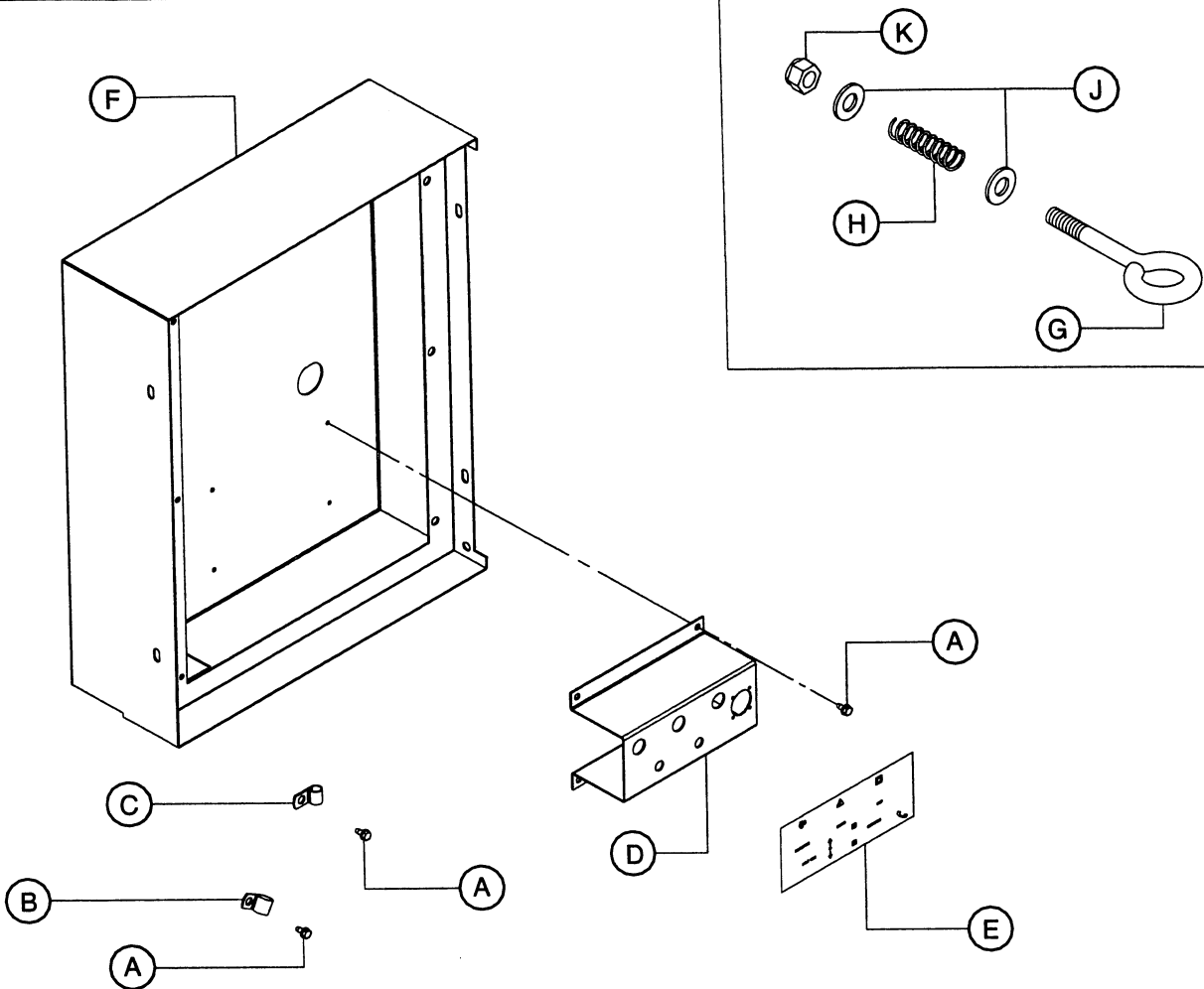
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36898096	6	SCREW				
B	54631767	1	LAMINATE , CONTROL PANEL				
C	36898104	6	NUT				
D	36844124	3	SCREW				
E	35369180	3	RETAINER				
F	54631908	1	PANEL , CONTROL / INSTRUMENT				
G	35314582	3	FASTENER				
H	36840908	1	HINGE				
J	35603349	1	LATCH				
K	95935037	2	WASHER				
L	35273366	1	NUT				

INSTRUMENT / CONTROL PANEL MOUNTING



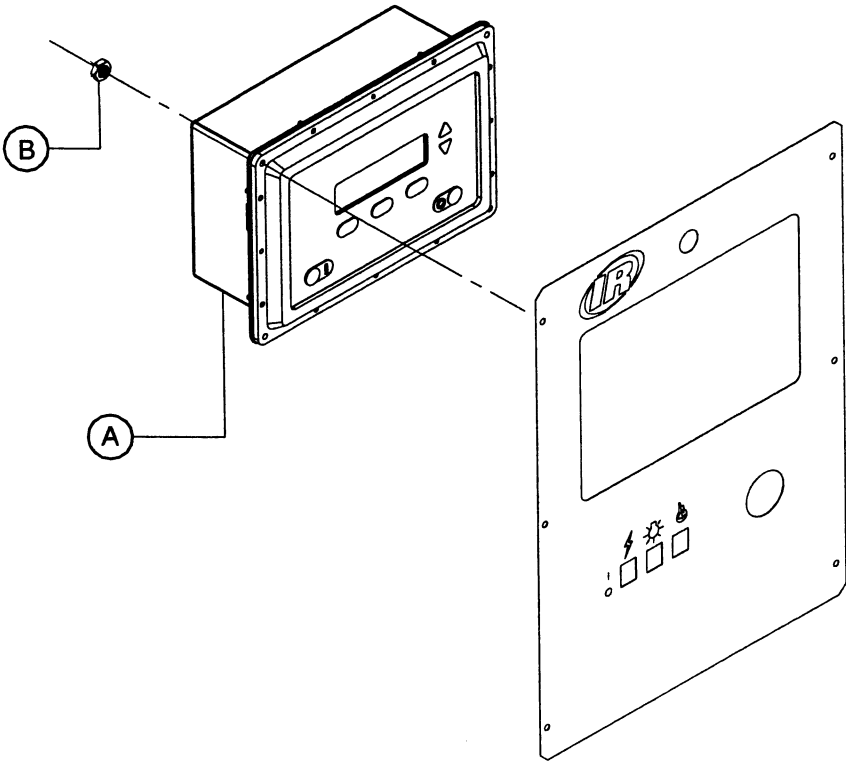
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54475686	2	SWITCH , ROCKER				
B	54475777	1	SWITCH , ROCKER				
C	36841245	1	HOURLMETER				
D			PART OF HARNESS CONNECTOR				
E	54615091	1	SWITCH , TOGGLE				
F	54615109	1	SWITCH , TOGGLE				
G	54615075	1	LIGHT , BLUE INDICATOR				
H	54615083	1	LIGHT , AMBER INDICATOR				
J	54615067	1	LIGHT , RED INDICATOR				
K	54720818	4	NUT				
L	95115812	4	WASHER				
M	95868816	4	SCREW				
N	36841252	1	LIGHT , CONTROL PANEL				
P	54623392	1	PANEL ,				

INSTRUMENT / CONTROL PANEL MOUNTING



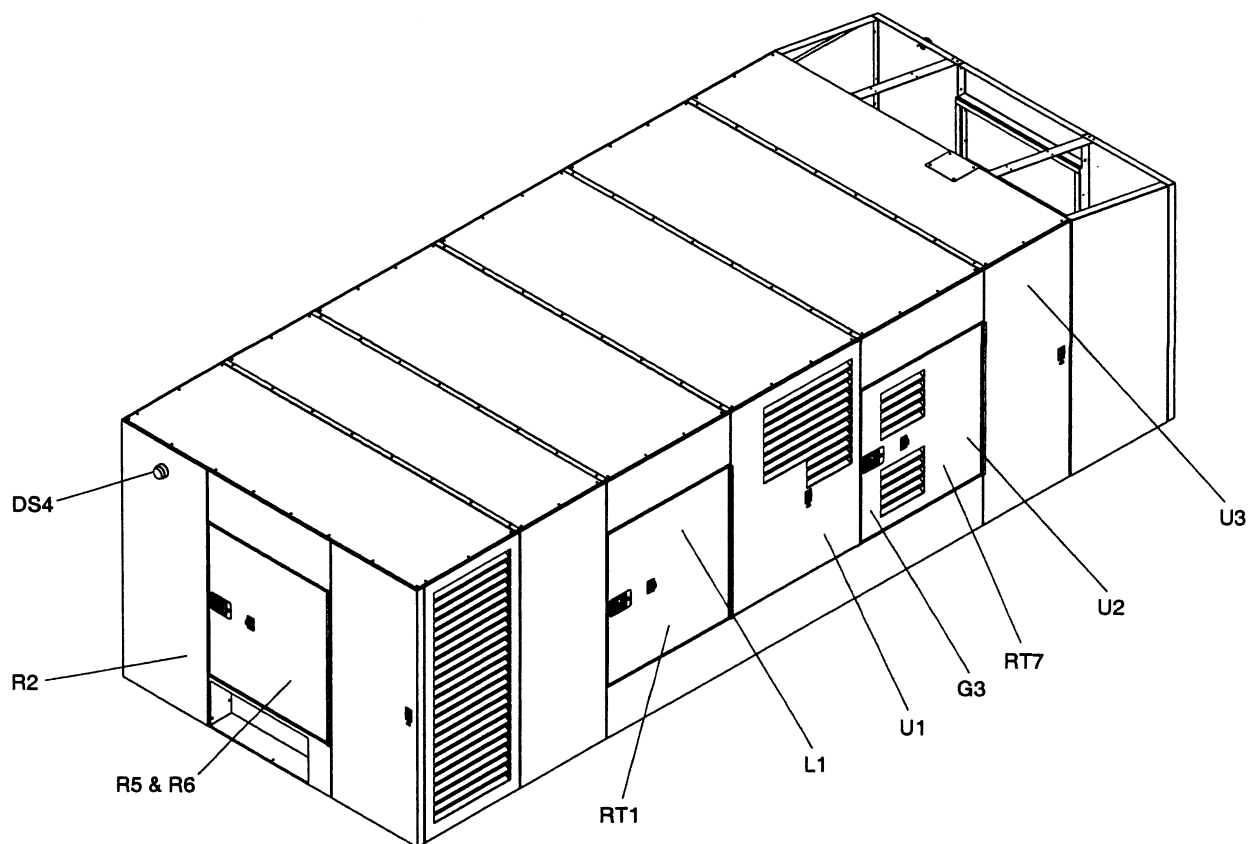
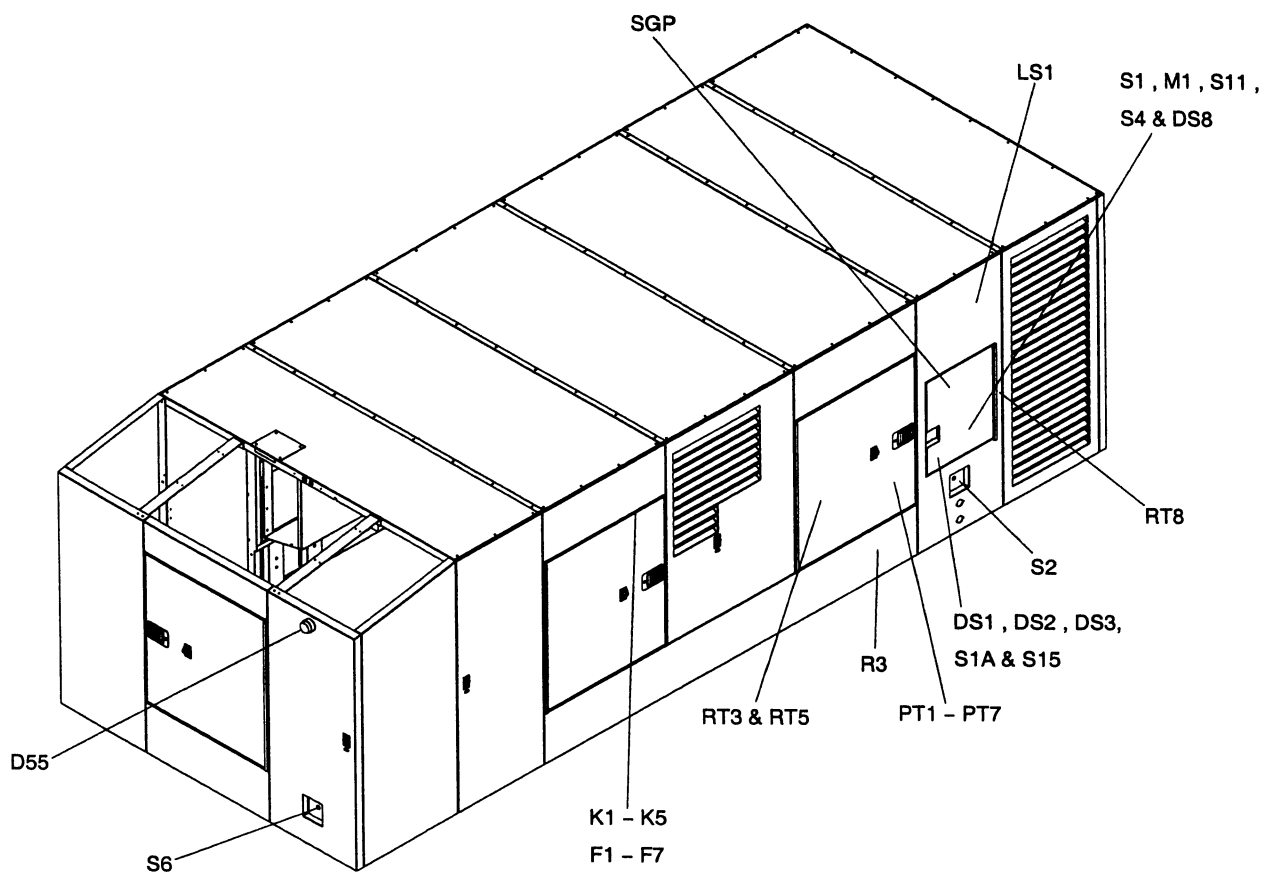
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36797652	6	SCREW				
B	35225077	1	CLAMP				
C	35225093	1	CLAMP				
D	54623392	1	PANEL , SWITCH				
E	54632757	1	DECAL , PANEL				
F	54621552	1	BOX , CONTROL PANEL				
G	35327303	1	BOLT , EYE				
H	35327311	1	SPRING				
J	95934998	1	WASHER				
K	95923314	1	NUT				

CONTROLLER ASSEMBLY

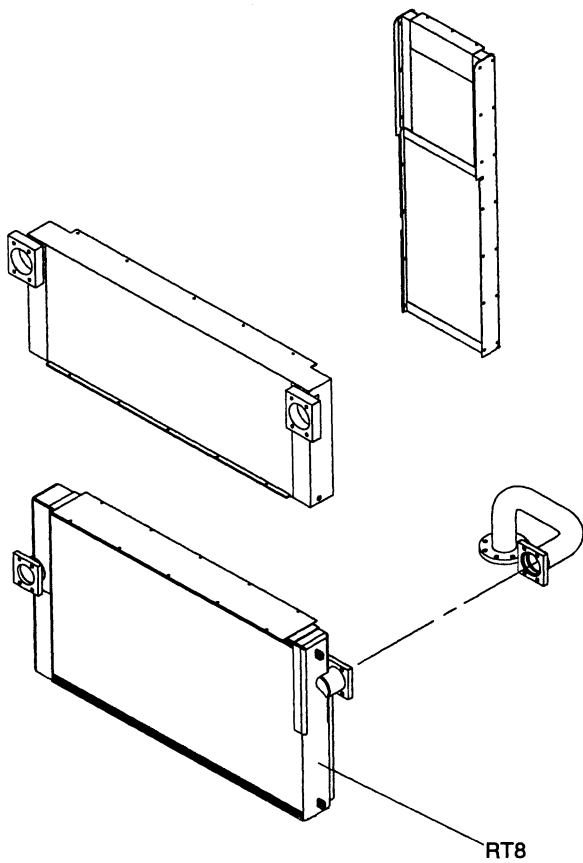


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54441753	1	CONTROLLER				
B	95928800	4	NUT				

ELECTRICAL COMPONENTS LOCATION

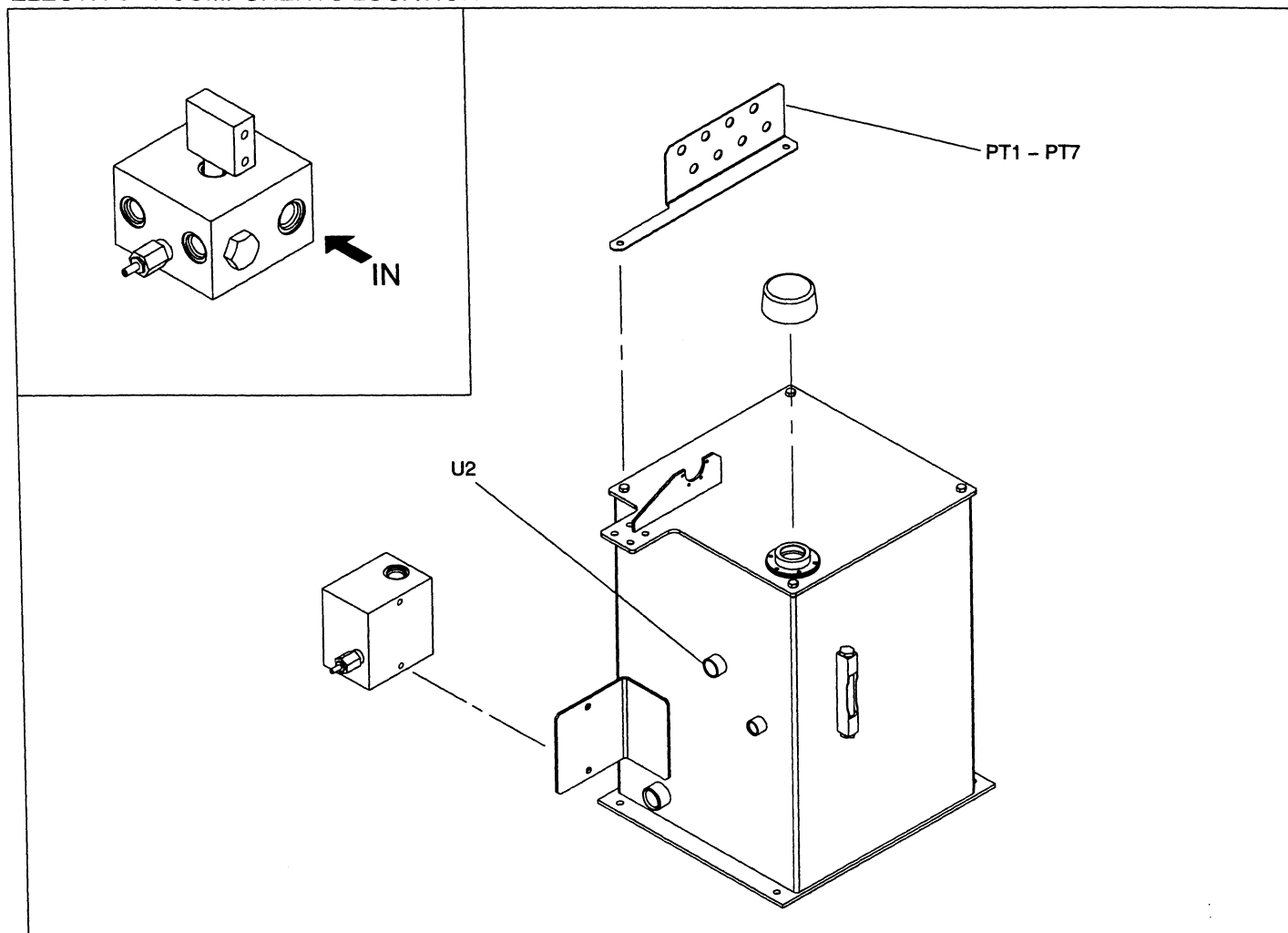


ELECTRICAL COMPONENTS LOCATION



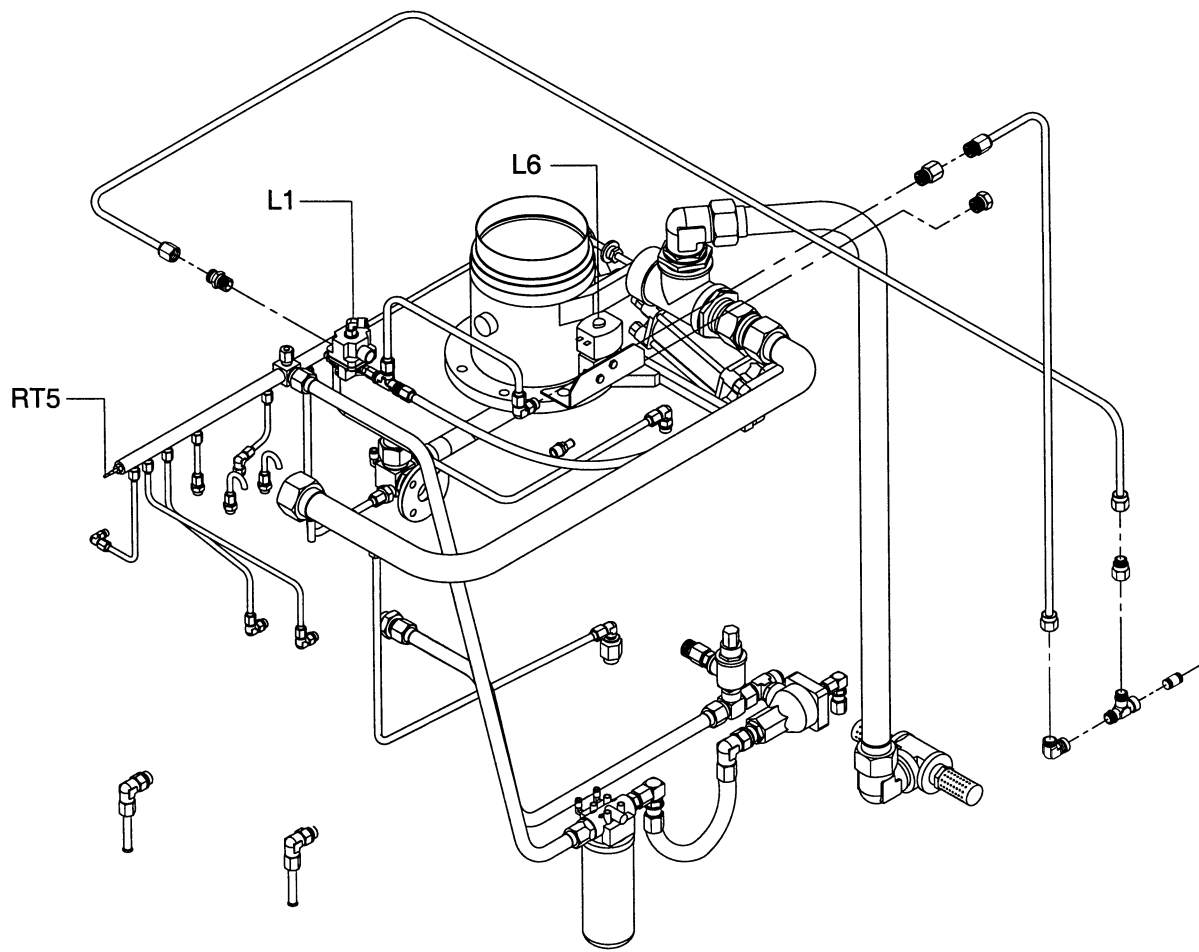
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
RT8	54557087	1	SENSOR				

ELECTRICAL COMPONENTS LOCATION



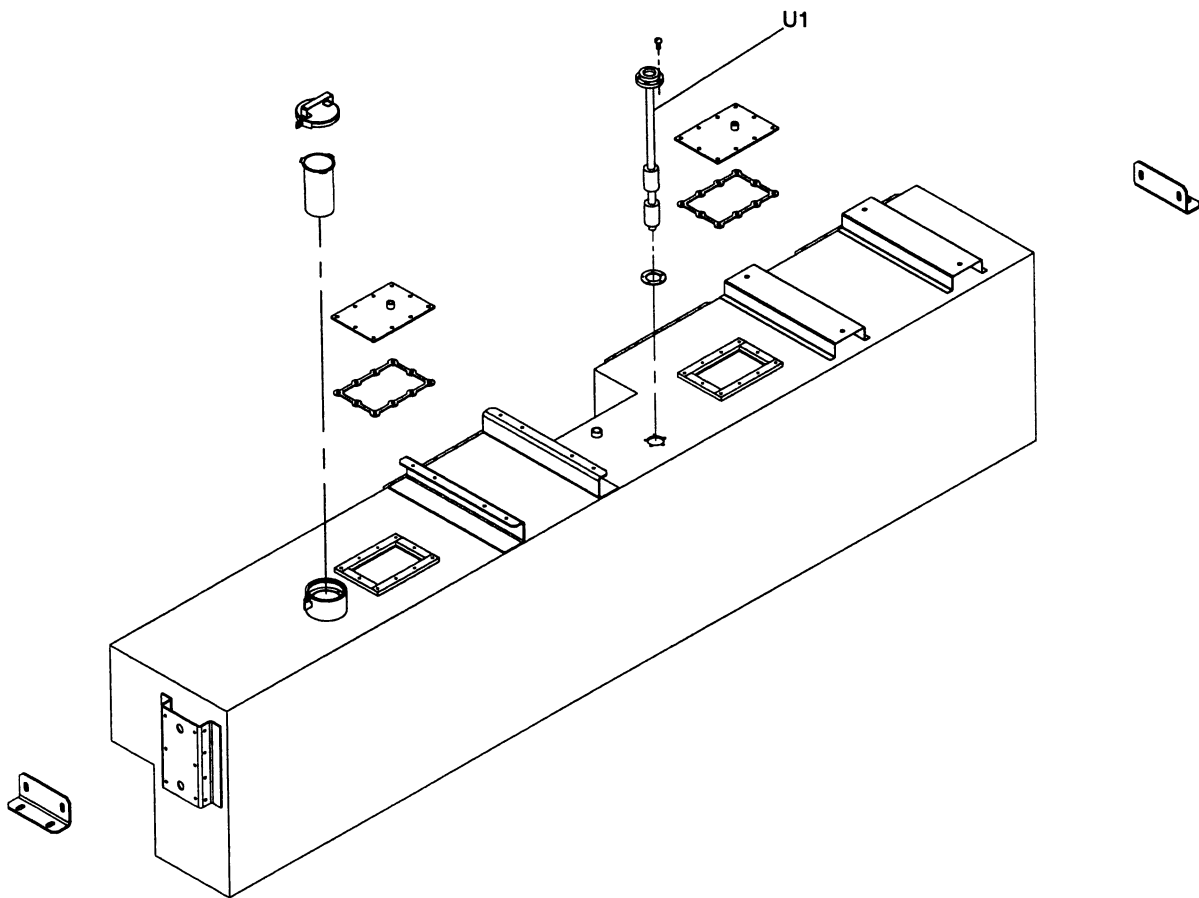
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
PT1	54757232	1	TRANSDUCER , 0-30 VACUUM				
PT2	36920825	1	TRANSDUCER , 0-100 VACUUM				
PT3	54496773	1	TRANSDUCER , 0-225 VACUUM				
PT4	54496773	1	TRANSDUCER , 0-225 VACUUM				
PT5	36920825	1	TRANSDUCER , 0-100 VACUUM				
PT6	36920825	1	TRANSDUCER , 0-100 VACUUM				
PT7	54496773	1	TRANSDUCER , 0-225 VACUUM				
U2	54581327	1	TRANSDUCER , LEVEL				

ELECTRICAL COMPONENTS LOCATION



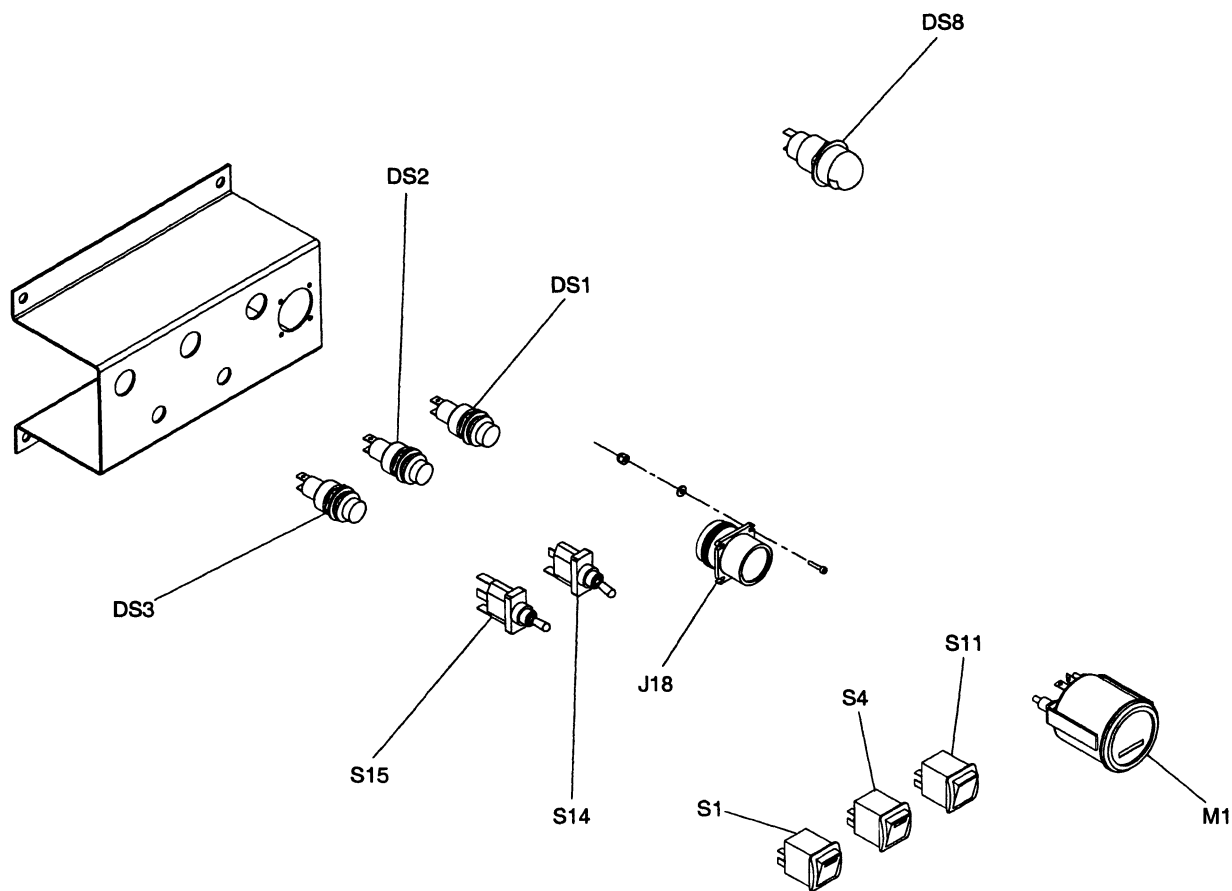
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
L1	54512611	1	VALVE , SOLENOID				
L6	54512611	1	VALVE , SOLENOID (WITH OPTION)				
RT5	54557087	1	SENSOR				

ELECTRICAL COMPONENTS LOCATION



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
U1	36876845	1	SENDER , FUEL				

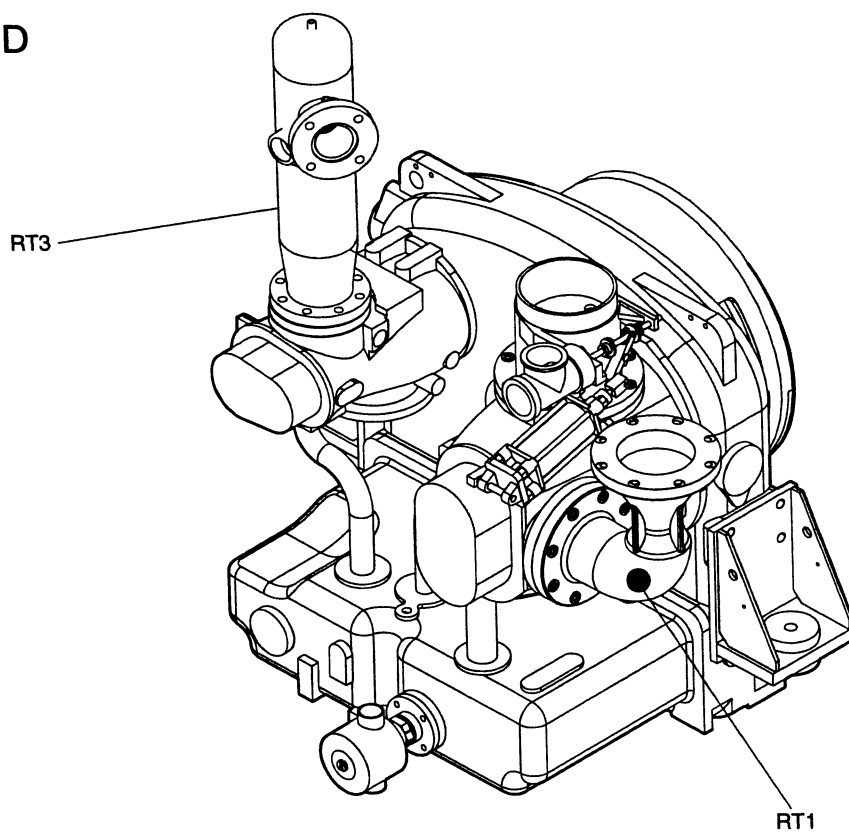
ELECTRICAL COMPONENTS LOCATION



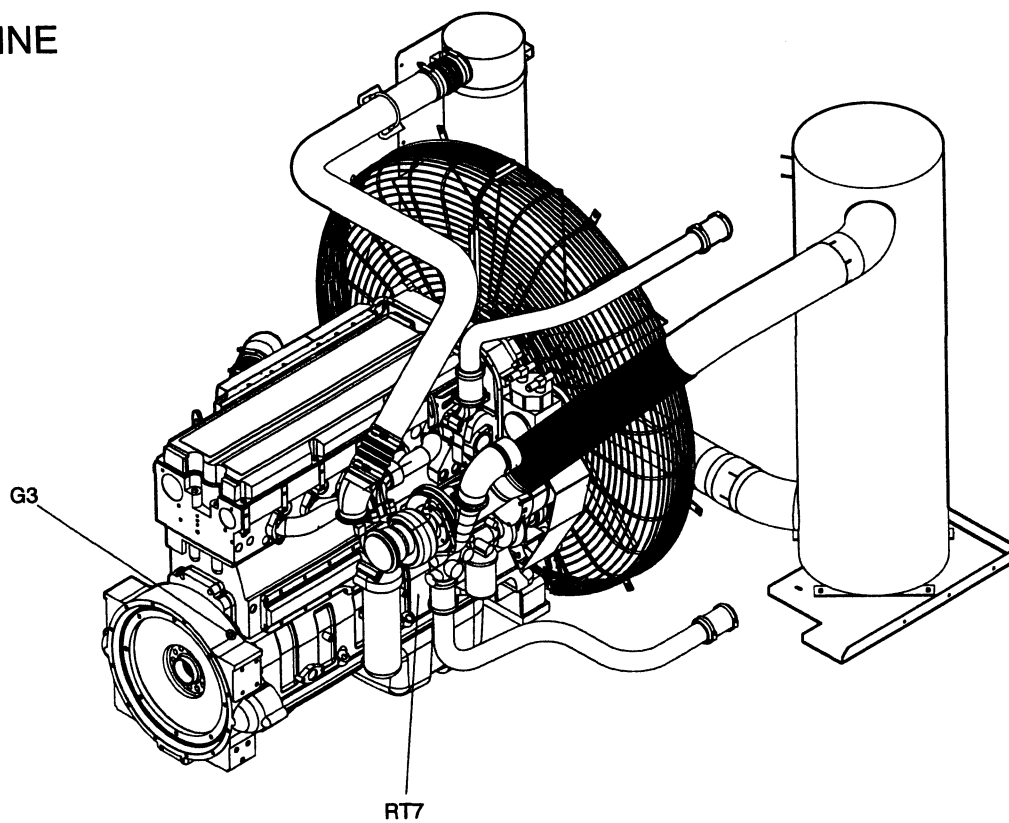
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
DS1	54615067	1	LIGHT , RED INDICATOR				
DS2	54615083	1	LIGHT , AMBER INDICATOR				
DS3	54615075	1	LIGHT , BLUE INDICATOR				
DS8	36841252	1	LIGHT , CONTROL PANEL				
J18	PART OF HARNESS CONNECTOR						
M1	36841245	1	HOURLMETER				
S1	54475686	1	SWITCH , ROCKER				
S4	54475686	1	SWITCH , ROCKER				
S11	54475777	1	SWITCH , ROCKER				
S14	54615091	1	SWITCH , TOGGLE				
S15	54615109	1	SWITCH , TOGGLE				

ELECTRICAL COMPONENTS LOCATION

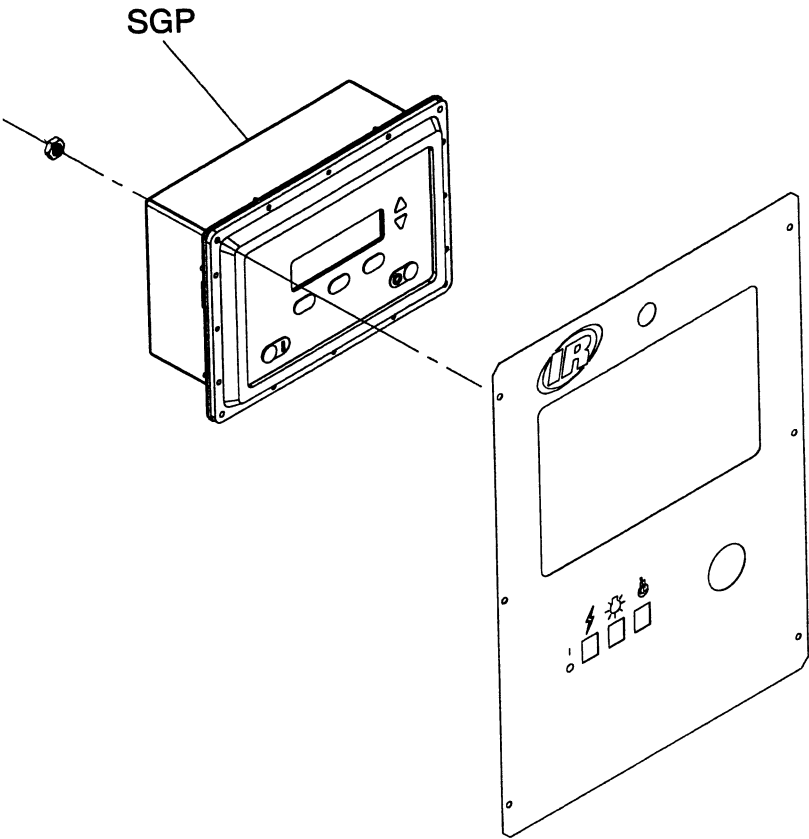
AIR END



ENGINE



ELECTRICAL COMPONENTS LOCATION



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
SGP	54441753	1	CONTROLLER				

CONTROL PANEL LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
S1 , S4	ROCKER SWITCH , LIGHTED	54475686
S11	ROCKER SWITCH , MOMENTARY	54475777
M1	HOURLMETER	36841245
	SGP CONTROLLER	54441753
DS8	PANEL , LIGHT	36841252
	PANEL LIGHT BULB	35290089
W2	WIRING HARNESS	54597497
<u>ENGINE DIAGNOSTIC PANEL:</u>		
S14	TOGGLE SWITCH SPST	54615091
S15	TOGGLE SWITCH SPDT MOMENTARY	54615109
DS1	RED INDICATOR LAMP	54615067
DS2	AMBER INDICATOR LAMP	54615083
DS3	BLUE INDICATOR LAMP	54615075

ENCLOSURE LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
DS4 , DS5	STROBE LIGHT	54477286
S2 , S6	ESTOP BUTTON	54494778
LS1	ALARM HORN	36785145

HYDRAULIC TANK LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
PT1	0-30 IN. HG VACUUM TRANSDUCER	54496757
PT2	0-100 PSIG PRESSURE TRANSDUCER	36920825
PT3	0-225 PSIG PRESSURE TRANSDUCER	54496773
PT4	0-225 PSIG PRESSURE TRANSDUCER	54496773
PT5	0-100 PSIG PRESSURE TRANSDUCER	36920825
PT6	0-100 PSIG PRESSURE TRANSDUCER	36920825
PT7	0-225 PSIG PRESSURE TRANSDUCER	54496773
U2	LEVEL TRANSDUCER	54581327

ENGINE LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
RT7	100 OHM RTD	54557987
	STARTER GROUND STRAP	35293075
G3	MAGNETIC PICKUP	36785319

RADIATOR LOCATED DEVICES

<u>REF. DESIGNATOR</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
U3	COOLANT LEVEL SWITCH	54474572

AIREND LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
L1 , L6	INLET SOLENOID	54512611
L2 , L3	CONDENSATE SOLENOIDS	36842318
RT1	100 OHM RTD	54557087
RT2	100 OHM RTD	54557087
RT3	100 OHM RTD	54557087
RT4	100 OHM RTD	54557087
RT5	10K OHM THERMISTER	54557095
RT6	10K OHM THERMISTER	54557095

COOLER LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
RT8 ,	100 OHM RTD	54557087

FRAME LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
S8	BATTERY DISCONNECT SWITCH	36896975
	BATTERY JUMPER CABLE	35128982
	POSITIVE BATTERY CABLE	54658331
	POS. BATTERY JUMPER CABLE	54511282
	NEGATIVE BATTERY CABLE	54658323
	FRAME GROUND STRAP	54511241
U1	FUEL LEVEL SENDER	36842011
D1 THRU D6	DIODE	35376169
W1	CHASSIS HARNESS	54631791
W4	ALARM HARNESS	54631809

POWER DISTRIBUTION BOX :

	POWER DISTRIBUTION BOX (INCLUDES W-3 HARNESS)	54631312
D1	DIODE	35376169
K1	AUXILIARY START RELAY	35577873
K2	RELAY , 24VDC SPDT	36892362
K3	RELAY , 24VDC SPDT	36892362
K4	RELAY , 24VDC SPDT	36892362
K5	RELAY , 24VDC SPDT	36892362

FRAME LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
S8	BATTERY DISCONNECT SWITCH	36896975
	BATTERY JUMPER CABLE	35128982
	POSITIVE BATTERY CABLE	54658331
	POS. BATTERY JUMPER CABLE	54511282
	NEGATIVE BATTERY CABLE	54658323
	FRAME GROUND STRAP	54511241
U1	FUEL LEVEL SENDER	36842011
D1 THRU D6	DIODE	35376169
W1	CHASSIS HARNESS	22079180

POWER DISTRIBUTION BOX :

	POWER DISTRIBUTION BOX (INCLUDES W-3 HARNESS)	54631312
D1	DIODE	35376169
K1	AUXILIARY START RELAY	35577873
K2	RELAY , 24VDC SPDT	36892362
K3	RELAY , 24VDC SPDT	36892362
K4	RELAY , 24VDC SPDT	36892362
K5	RELAY , 24VDC SPDT	36892362

FRAME LOCATED DEVICES

REF. DESIGNATOR	DESCRIPTION	PART NUMBER
S8	BATTERY DISCONNECT SWITCH	36896975
	BATTERY JUMPER CABLE	35128982
	POSITIVE BATTERY CABLE	54658331
	POS. BATTERY JUMPER CABLE	54511282
	NEGATIVE BATTERY CABLE	54658323
	FRAME GROUND STRAP	54511241
U1	FUEL LEVEL SENDER	36842011
D1 THRU D6	DIODE	35376169
W1	CHASSIS HARNESS	54631791
W4	ALARM HARNESS	54631809

POWER DISTRIBUTION BOX :

	POWER DISTRIBUTION BOX (INCLUDES W-3 HARNESS)	54631312
D1	DIODE	35376169
F1,F2,F3	10 AMP	22071591
F4	25 AMP	36793651
F5,F6,F7	15 AMP	22071575
K1	AUXILIARY START RELAY	35577873
K2	RELAY , 24VDC SPDT	36892362
K3	RELAY , 24VDC SPDT	36892362
K4	RELAY , 24VDC SPDT	36892362
K5	RELAY , 24VDC SPDT	36892362

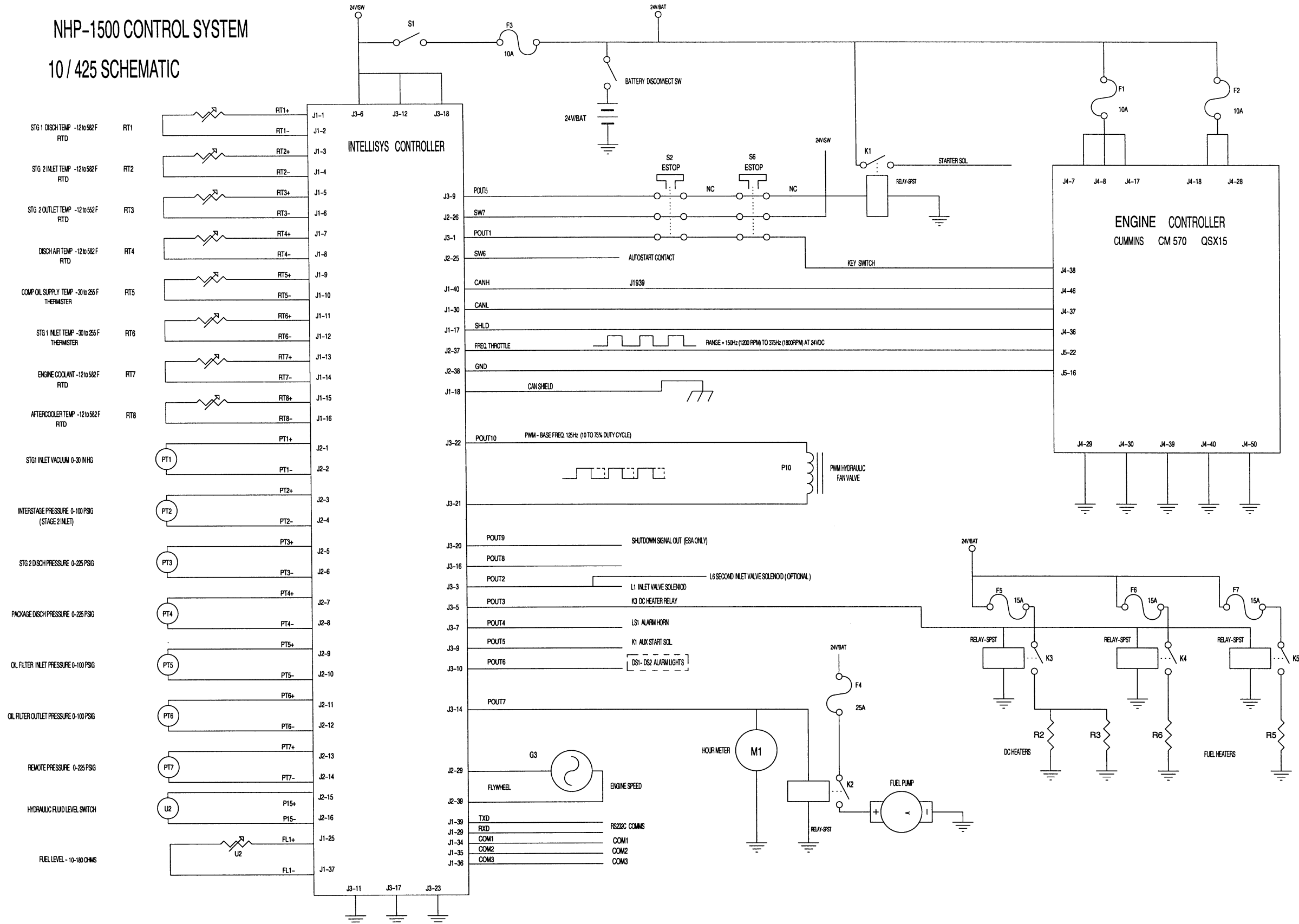
FRAME LOCATED DEVICES

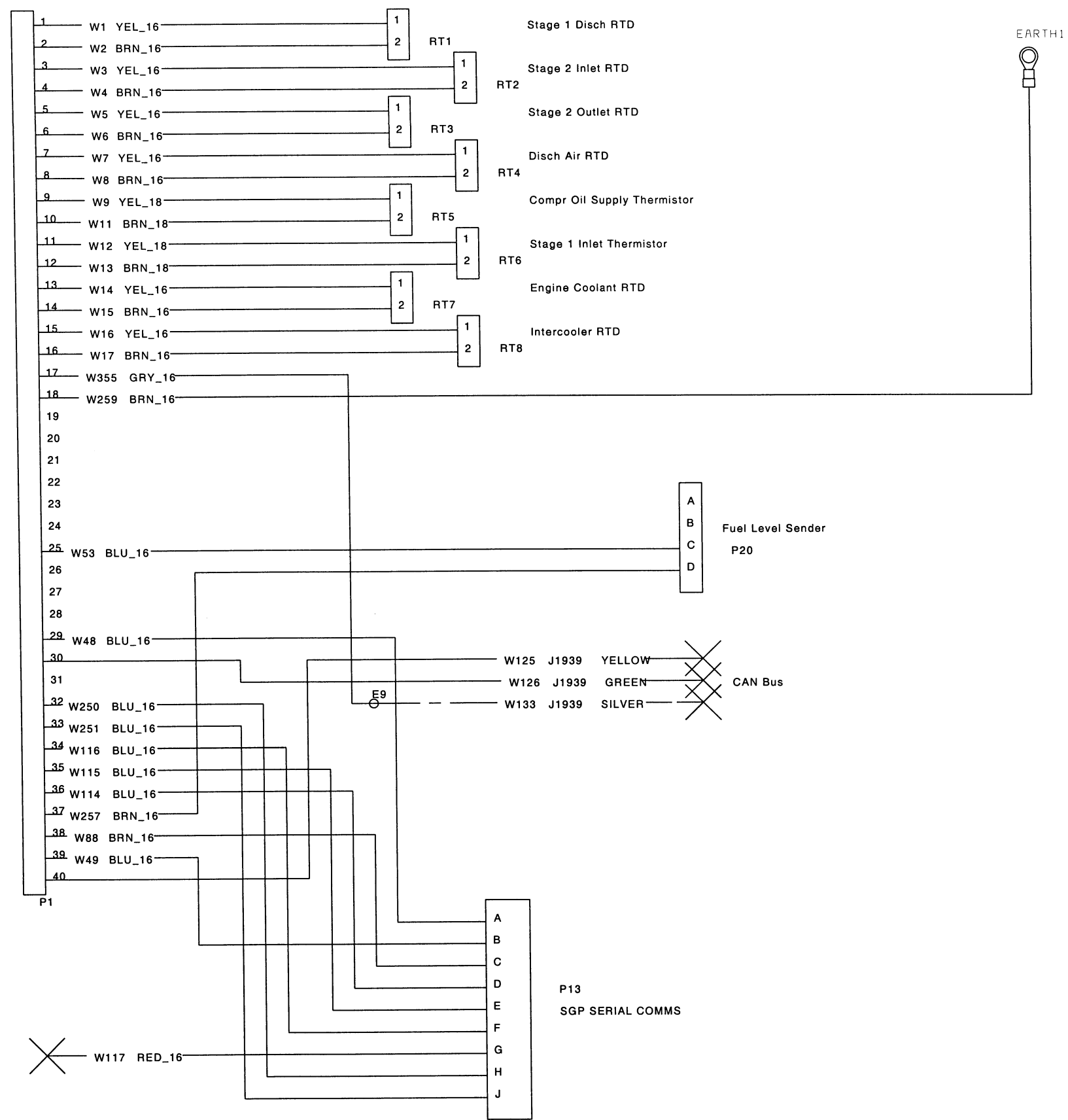
REF. DESIGNATOR	DESCRIPTION	PART NUMBER
S8	BATTERY DISCONNECT SWITCH	36896975
	BATTERY JUMPER CABLE	35128982
	POSITIVE BATTERY CABLE	54658331
	POS. BATTERY JUMPER CABLE	54511282
	NEGATIVE BATTERY CABLE	54658323
	FRAME GROUND STRAP	54511241
U1	FUEL LEVEL SENDER	36842011
D1 THRU D6	DIODE	35376169
W1	CHASSIS HARNESS	22079180

POWER DISTRIBUTION BOX :

	POWER DISTRIBUTION BOX (INCLUDES W-3 HARNESS)	54631312
D1	DIODE	35376169
F1,F2,F3	10 AMP	22071591
F4	25 AMP	36793651
F5,F6,F7	15 AMP	22071575
K1	AUXILIARY START RELAY	35577873
K2	RELAY , 24VDC SPDT	36892362
K3	RELAY , 24VDC SPDT	36892362
K4	RELAY , 24VDC SPDT	36892362
K5	RELAY , 24VDC SPDT	36892362

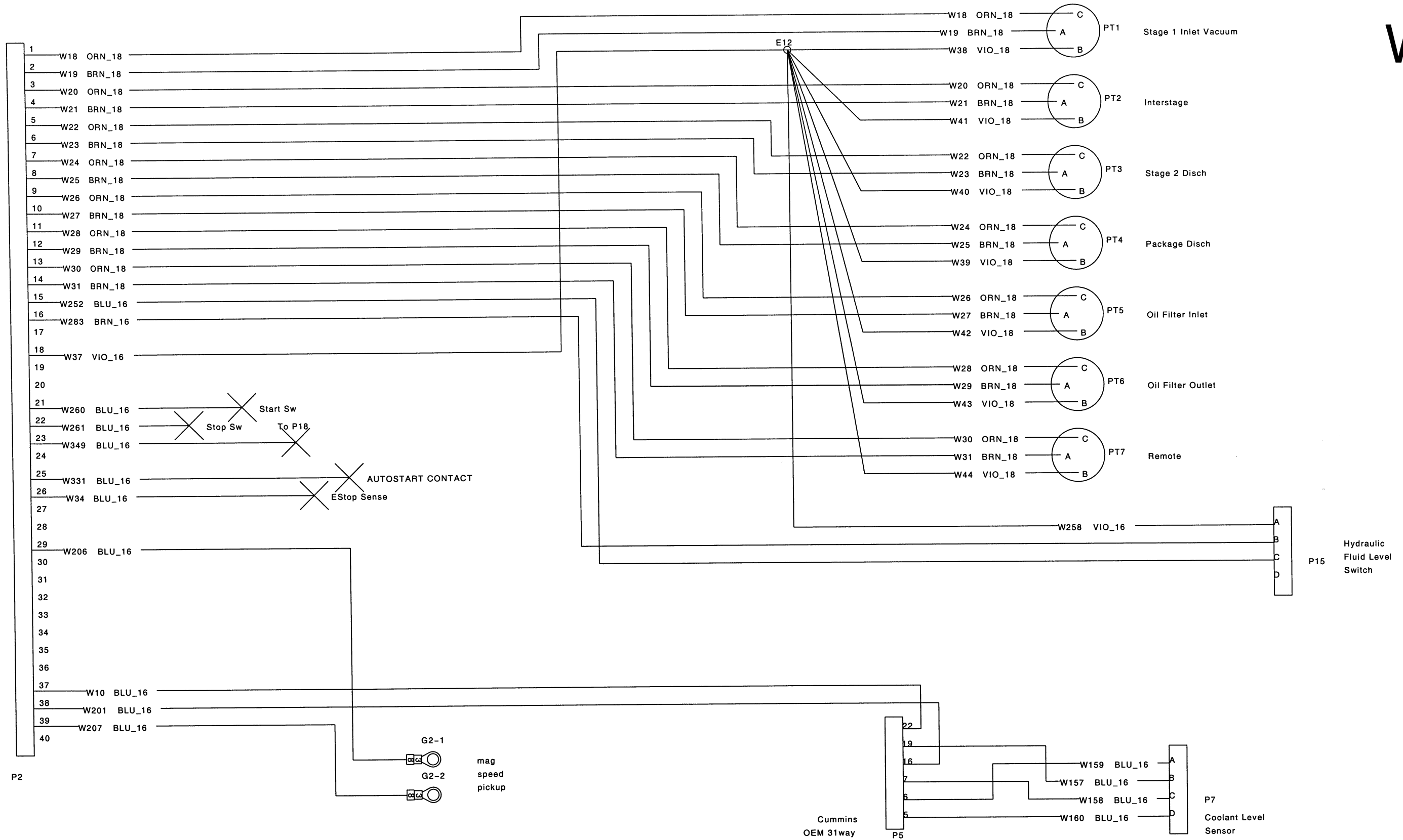
NHP-1500 CONTROL SYSTEM 10 / 425 SCHEMATIC



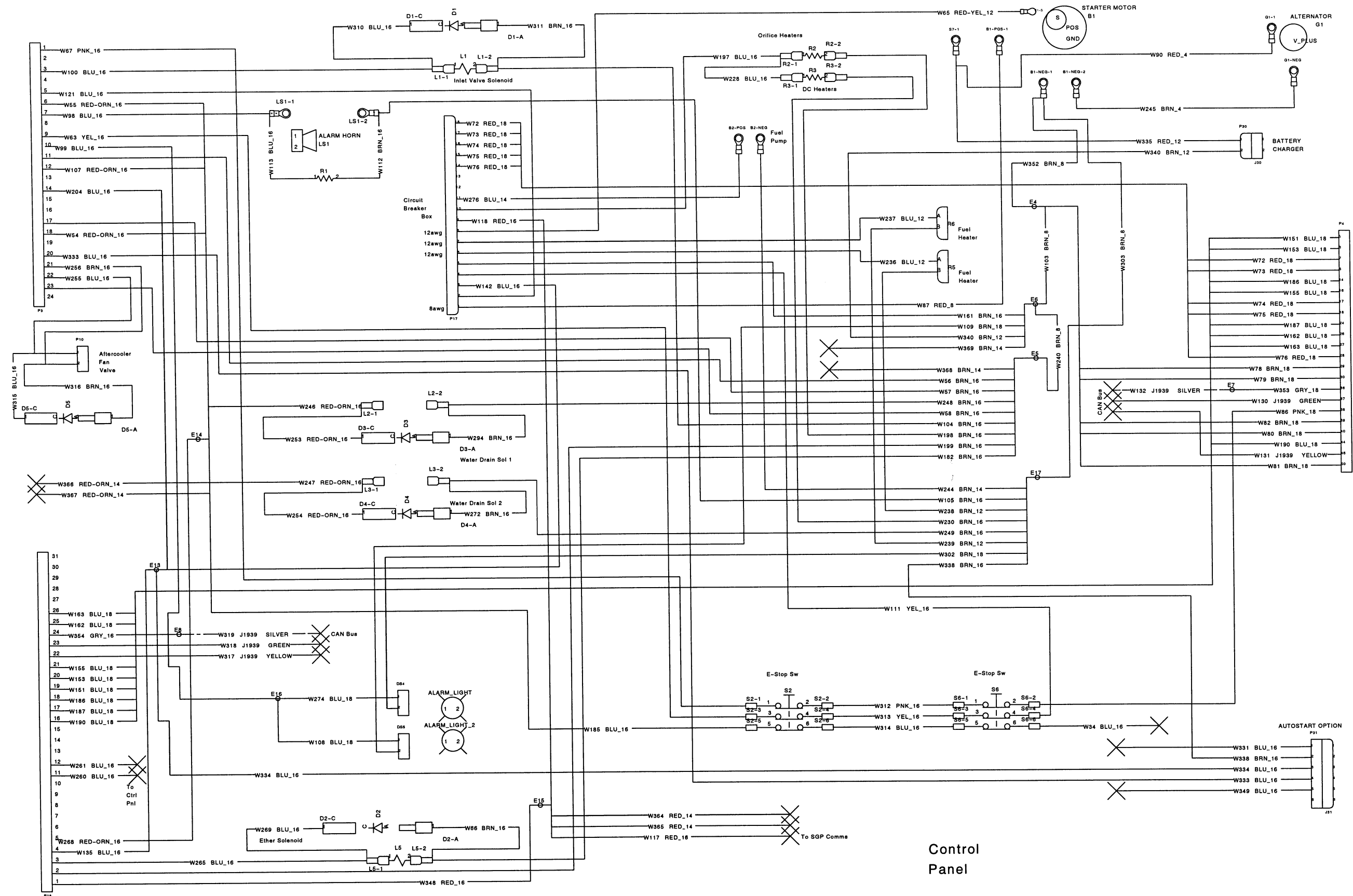


W1

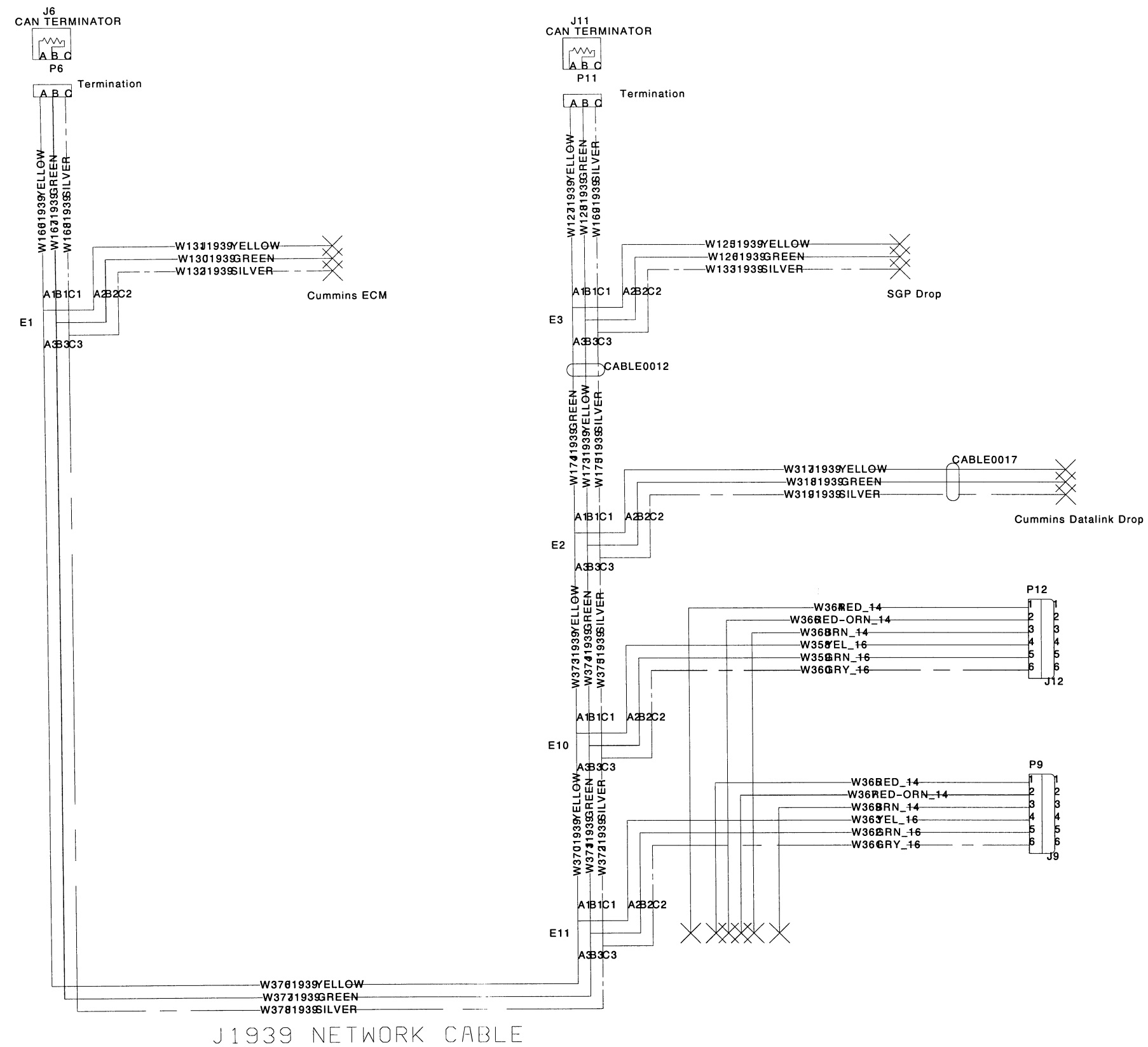
W1



W1



MANUAL NO.—DRAWING NO. DATE / REV:
22426803 62D 04/04 A

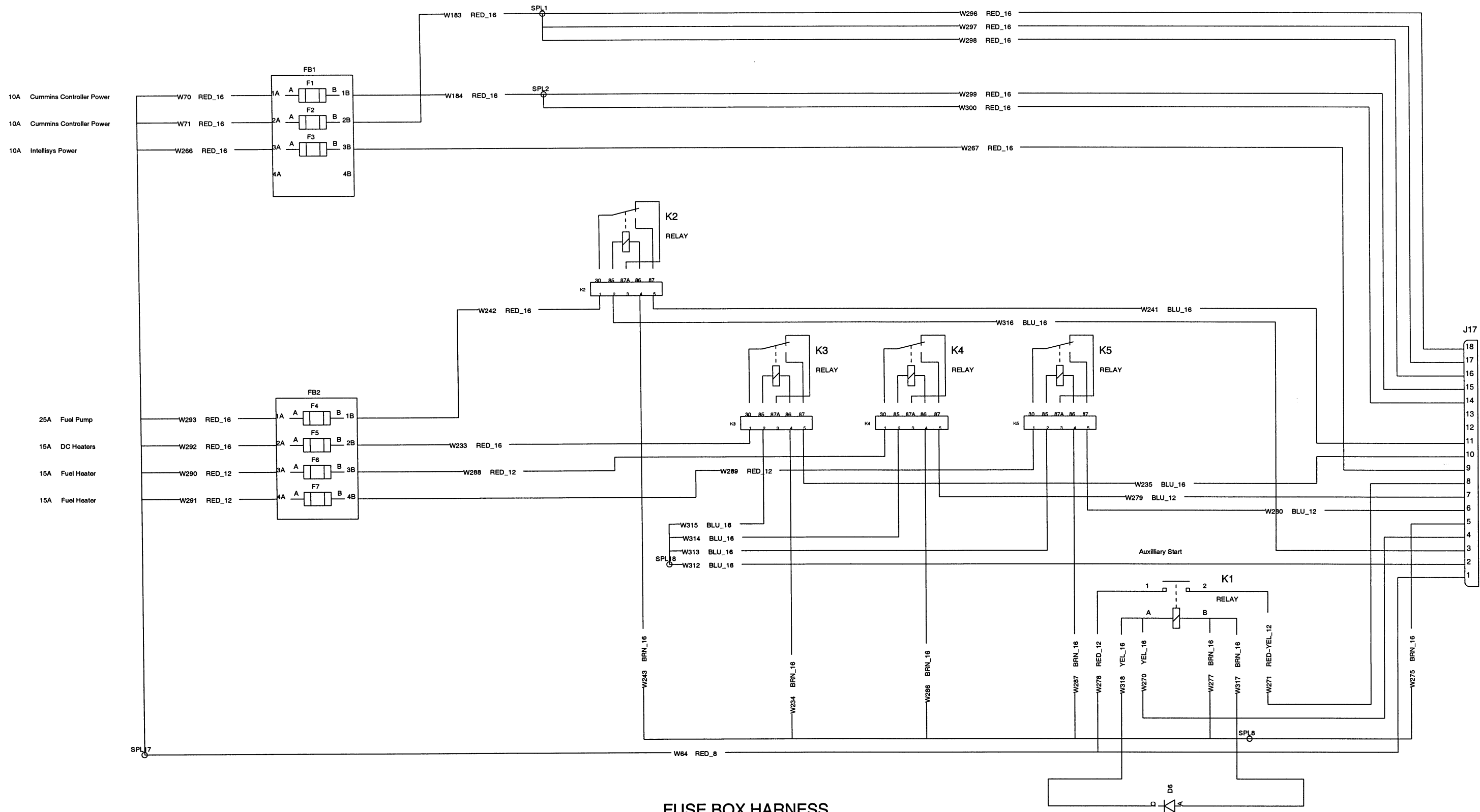


J8

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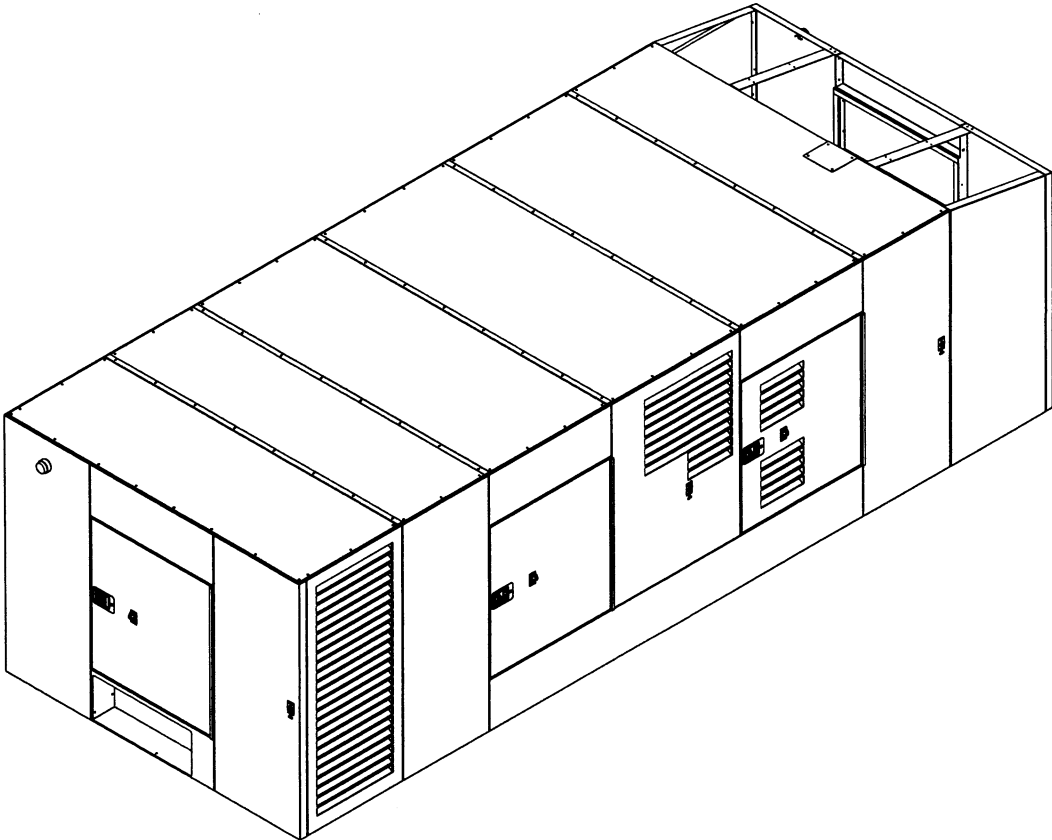
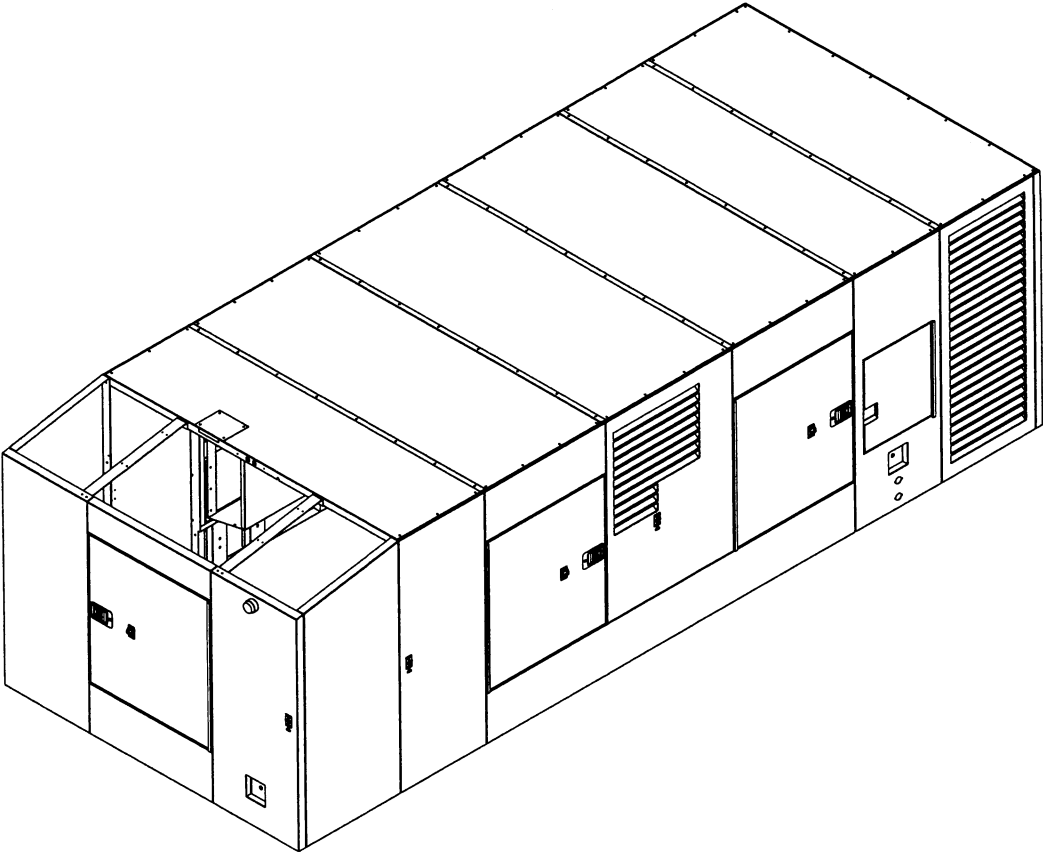


W-3

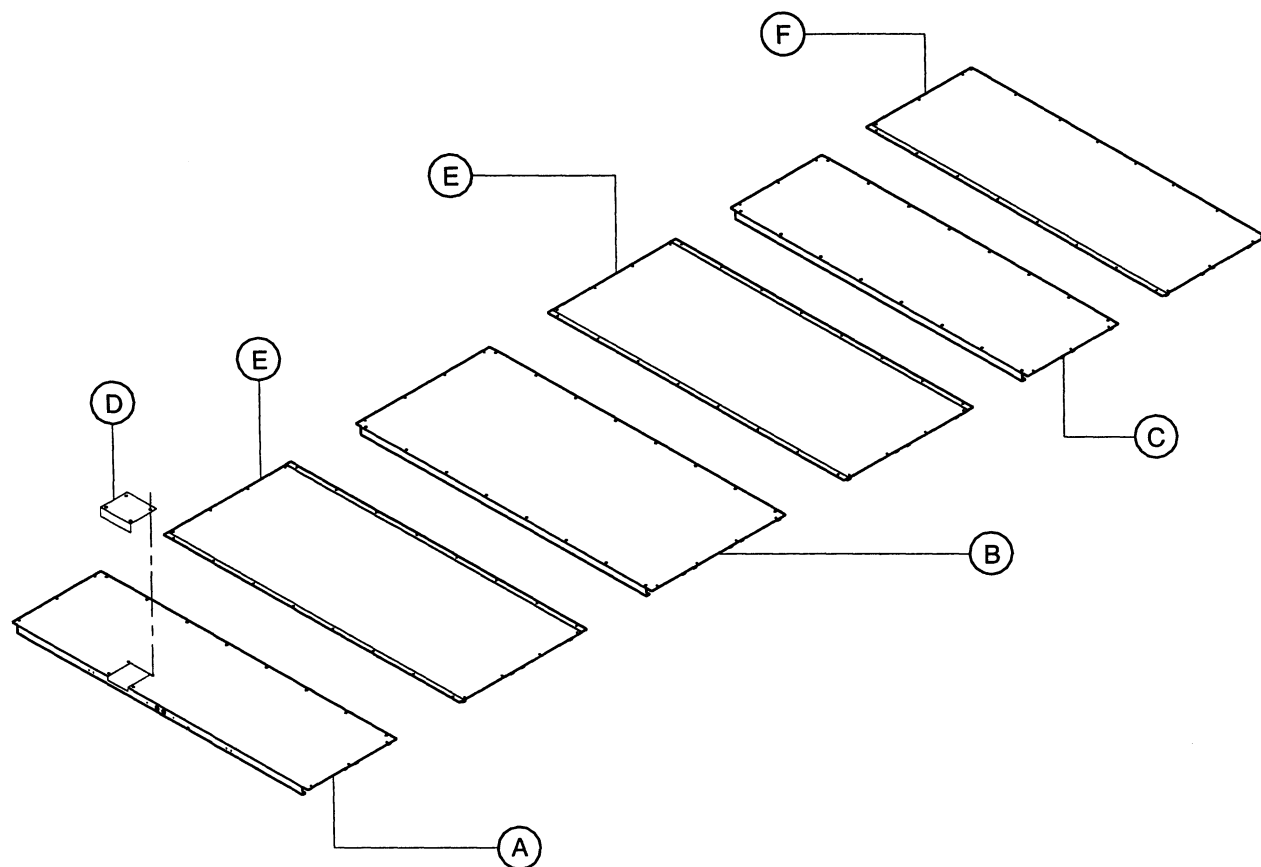


FUSE BOX HARNESS

ENCLOSURE ASSEMBLY

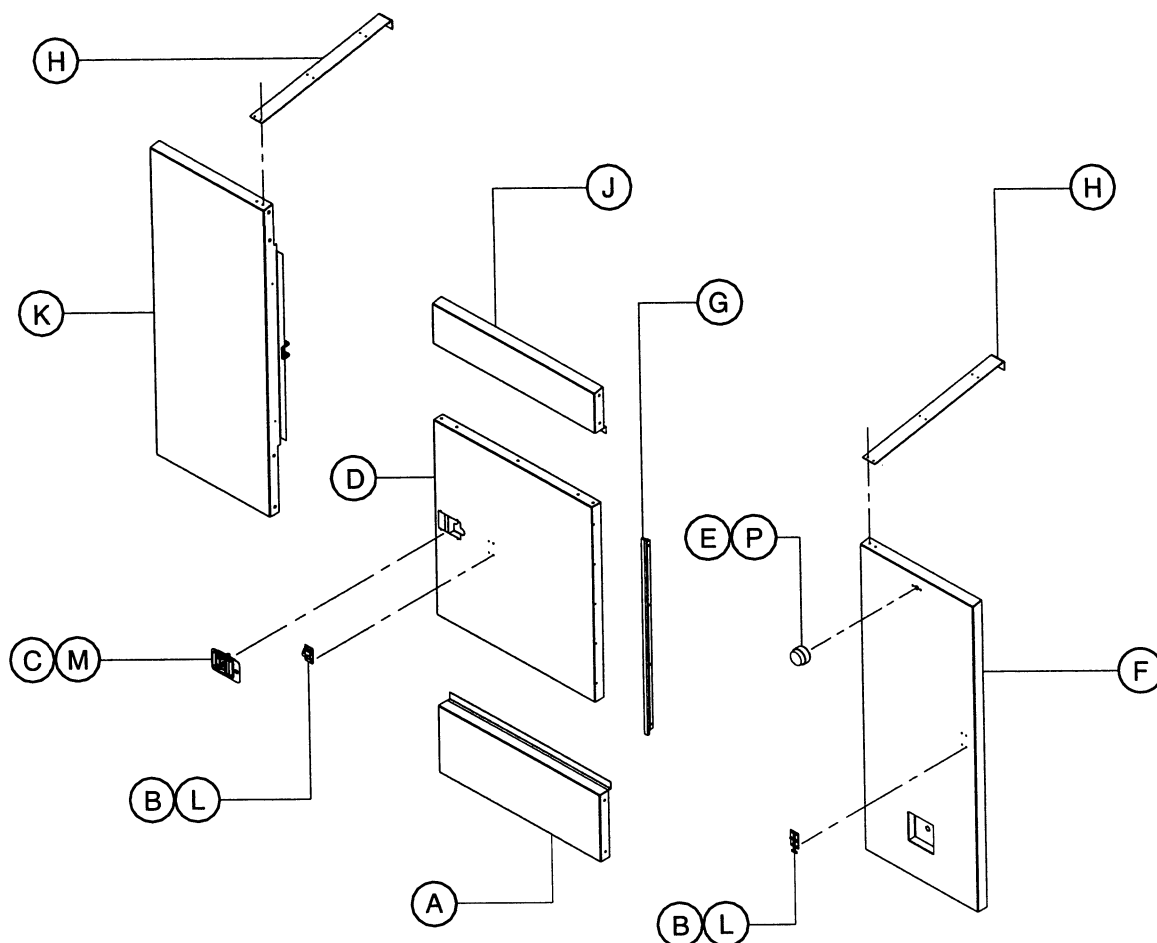


ENCLOSURE TOP PANELS



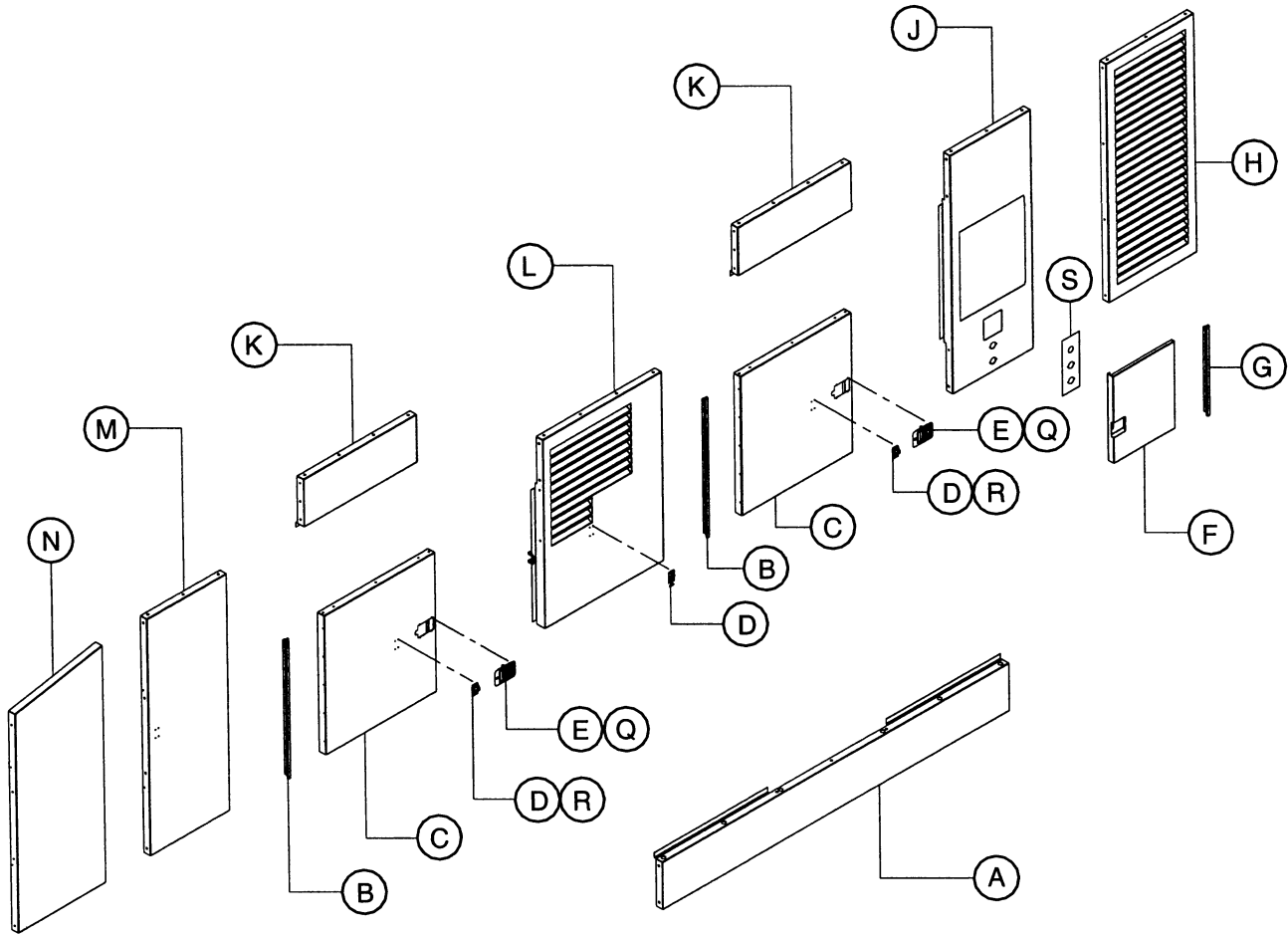
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36924231	1	PANEL , FRONT TOP				
B	36924223	1	PANEL , THIRD TOP				
C	36924207	1	PANEL , FIFTH TOP				
D	35924256	1	COVER , RADIATOR FILL				
E	36924215	1	PANEL , SECOND & FOURTH TOP				
F	36924199	1	PANEL , REAR TOP				
G	36889608	----	SCREW , TOP PANEL				

ENCLOSURE FRONT PANELS



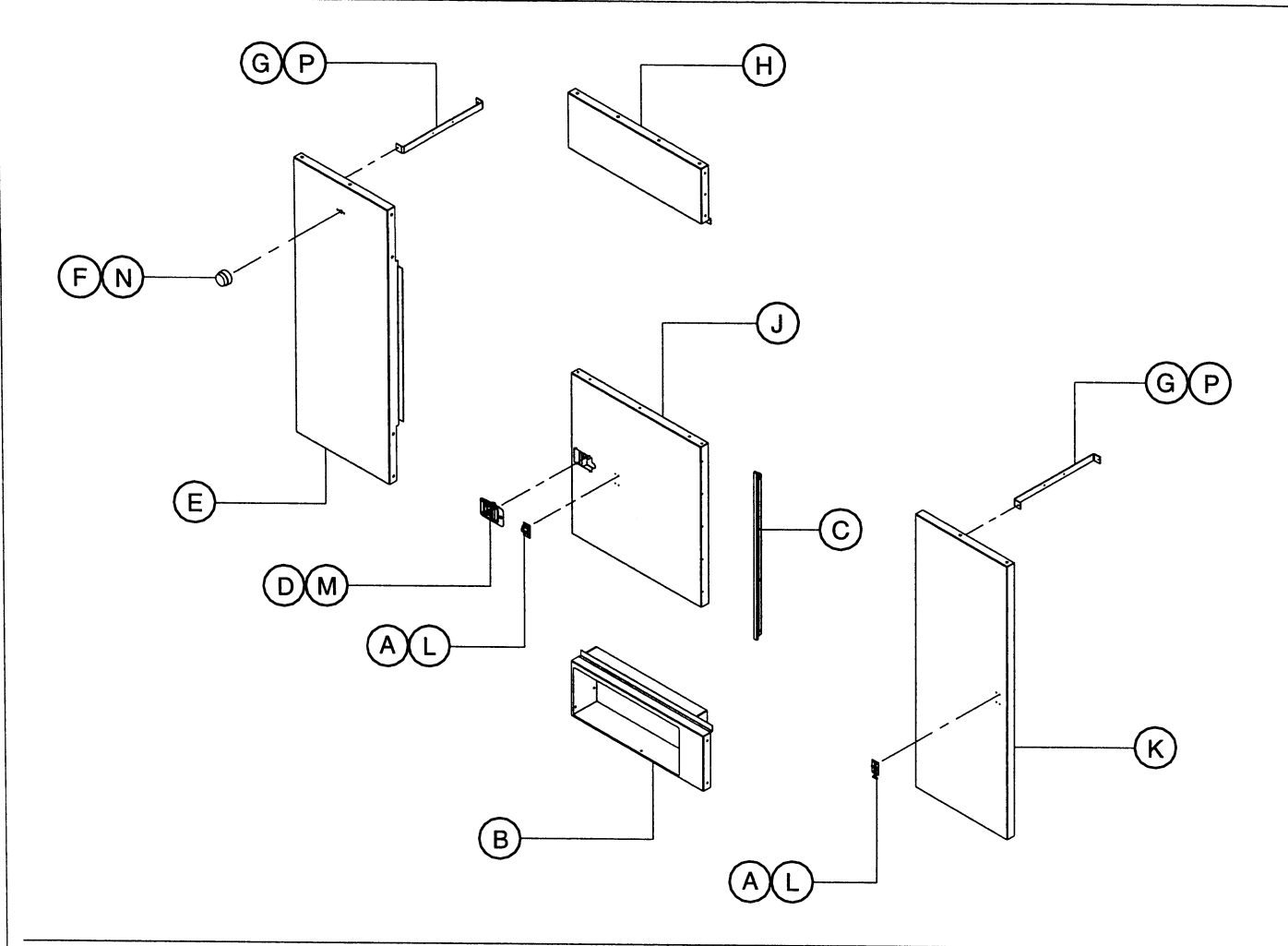
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36924249	1	PANEL , FRONT BOTTOM				
B	54485404	1	LATCH , TEE				
C	36793602	1	LATCH , SLAM				
D	54483722	1	DOOR , FRONT				
E	54477286	1	LIGHT , AMBER WARNING				
F	36924017	1	PANEL , STREET SIDE FRONT				
G	54373113	1	HINGE , DOOR				
H	54461736	2	STRAP , SUPPORT				
J	36924066	1	PANEL , FRONT TOP				
K	36924009	1	PANEL , CURB SIDE FRONT				
L	36843282	8	RIVET				
M	36794816	4	RIVET				
N	35279025	----	SCREW				
P	96702055	4	SCREW				

ENCLOSURE SIDE PANELS



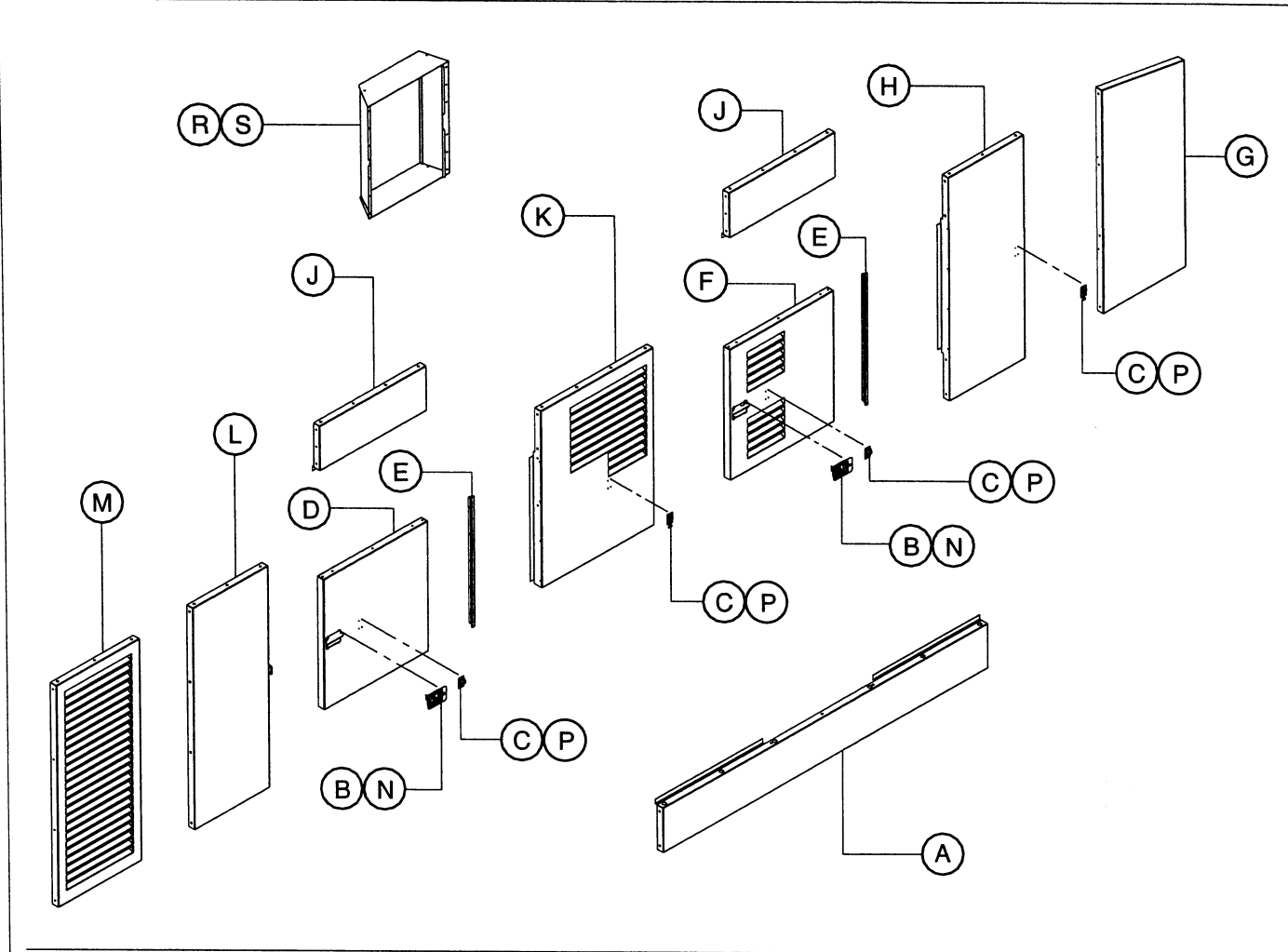
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36924280	1	PANEL , BOTTOM CENTER				
B	54373113	1	HINGE , DOOR				
C	54483722	1	DOOR , STREET SIDE				
D	54485404	1	LATCH , TEE				
E	36793602	1	LATCH , SLAM				
F	54621560	1	DOOR , CONTROL PANEL				
G	54623889	1	HINGE , DOOR				
H	36924074	1	PANEL , REAR GRILL				
J	54737820	1	PANEL , CONTROL DOOR				
K	36924058	1	PANEL , TOP DOOR				
L	54656194	1	PANEL , CENTER GRILL				
M	36924140	1	PANEL , SECOND FRONT				
N	36924165	1	PANEL , FRONT SIDE				
P	35279025	----	SCREW				
Q	36794816	8	RIVET				
R	36843282	12	RIVET				
S	54737838	1	PLATE , RECEPTACLE (120V / 60 HZ)				
	54737846	1	PLATE , RECEPTACLE (240V / 50 HZ)				
	39249875	----	SEAL , DOOR (AROUND EDGE OF EACH DOOR)				

ENCLOSURE REAR PANELS



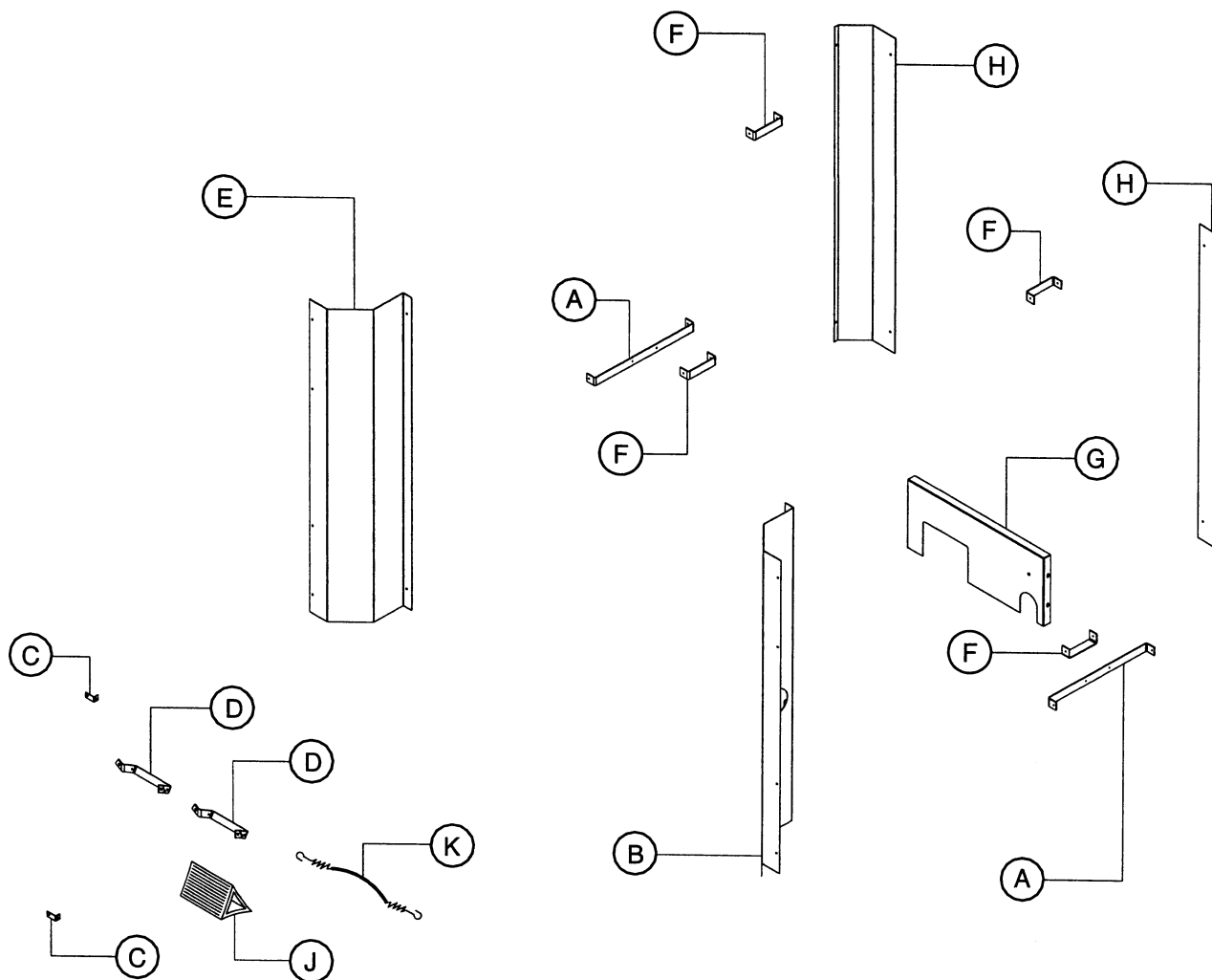
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54485404	1	LATCH , TEE				
B	54690755	1	PANEL , SERVICE ACCESS				
C	54373113	1	HINGE , DOOR				
D	36793602	1	LATCH , SLAM				
E	36924033	1	PANEL , STREET SIDE REAR				
F	54477286	1	LIGHT , AMBER WARNING				
G	54430855	1	STRAP , REAR SUPPORT				
H	36924058	1	PANEL , REAR MIDDLE TOP				
J	54483722	1	DOOR , REAR				
K	36924025	1	PANEL , CURB SIDE REAR				
L	36843282	8	RIVET				
M	36794816	4	RIVET				
N	96702055	2	SCREW				
P	36797652	4	SCREW				
Q	35279025	----	SCREW				

ENCLOSURE SIDE PANELS



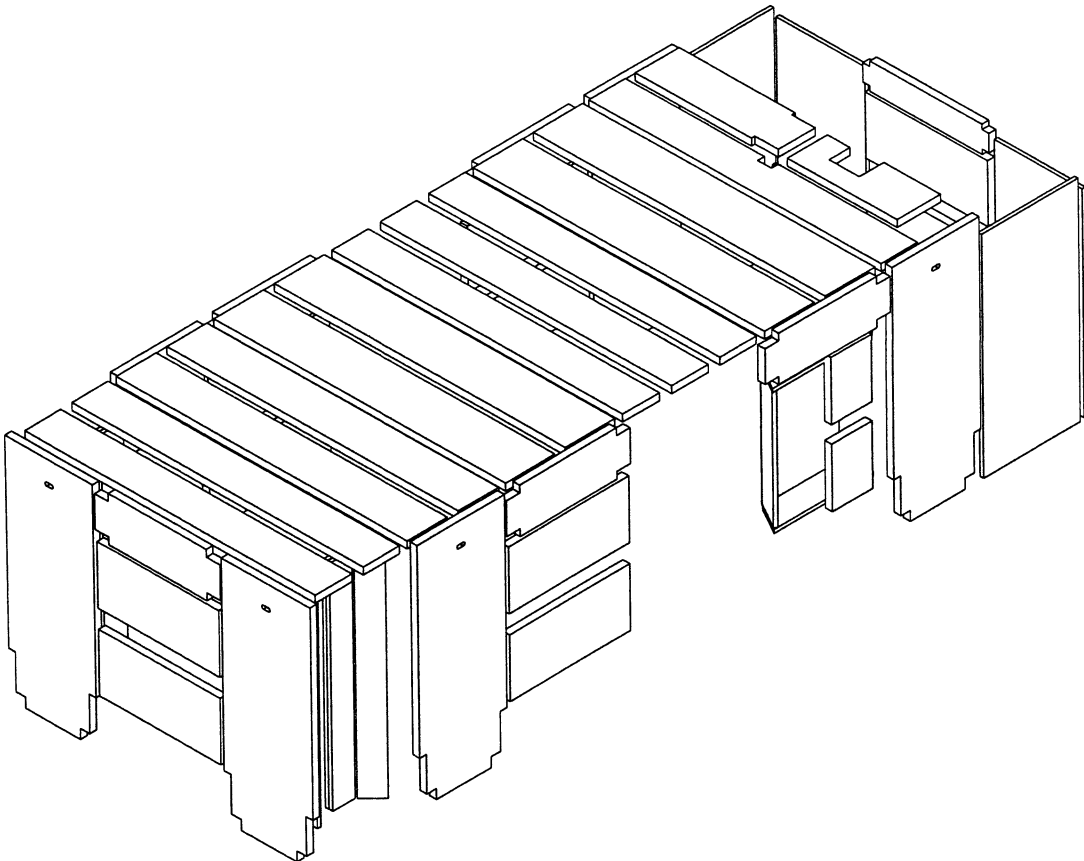
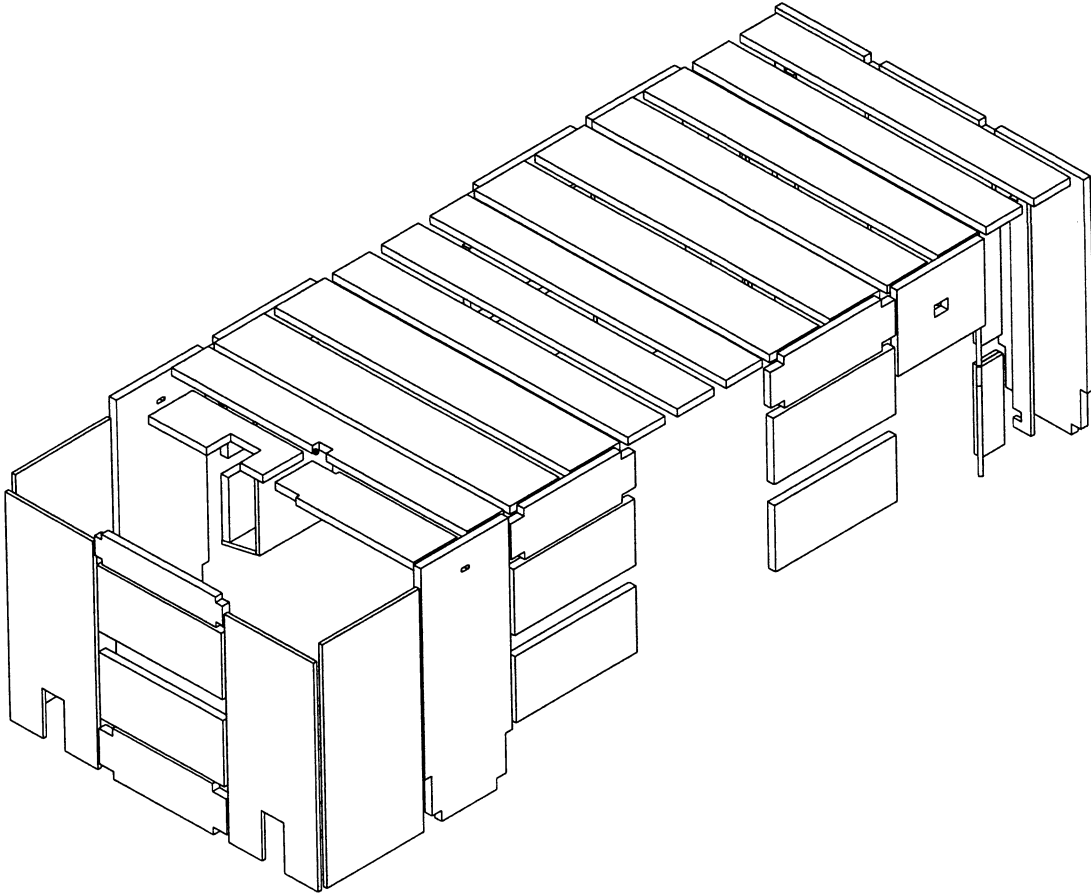
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36924280	1	PANEL , BOTTOM CENTER				
B	36793602	1	LATCH , SLAM				
C	54485404	1	LATCH , TEE				
D	54483722	1	DOOR , SIDE				
E	54373113	1	HINGE , DOOR				
F	36924173	1	DOOR , VENTED SIDE				
G	36924157	1	PANEL , CURB SIDE FRONT				
H	36924132	1	PANEL , CURB SIDE SECOND				
J	36924058	1	PANEL , TOP DOOR				
K	54656202	1	PANEL , CENTER GRILL				
L	36924090	1	PANEL , REAR SIDE				
M	36924074	1	PANEL , REAR GRILL				
N	36794816	8	RIVET				
P	36843282	12	RIVET				
Q	35279025	----	SCREW				
R	54419510	1	HOUSING , AIR INTAKE				
S	36797652	12	SCREW				
	39249875	----	SEAL , DOOR (AROUND EDGE OF EACH DOOR)				

ENCLOSURE INTERNAL PANELS

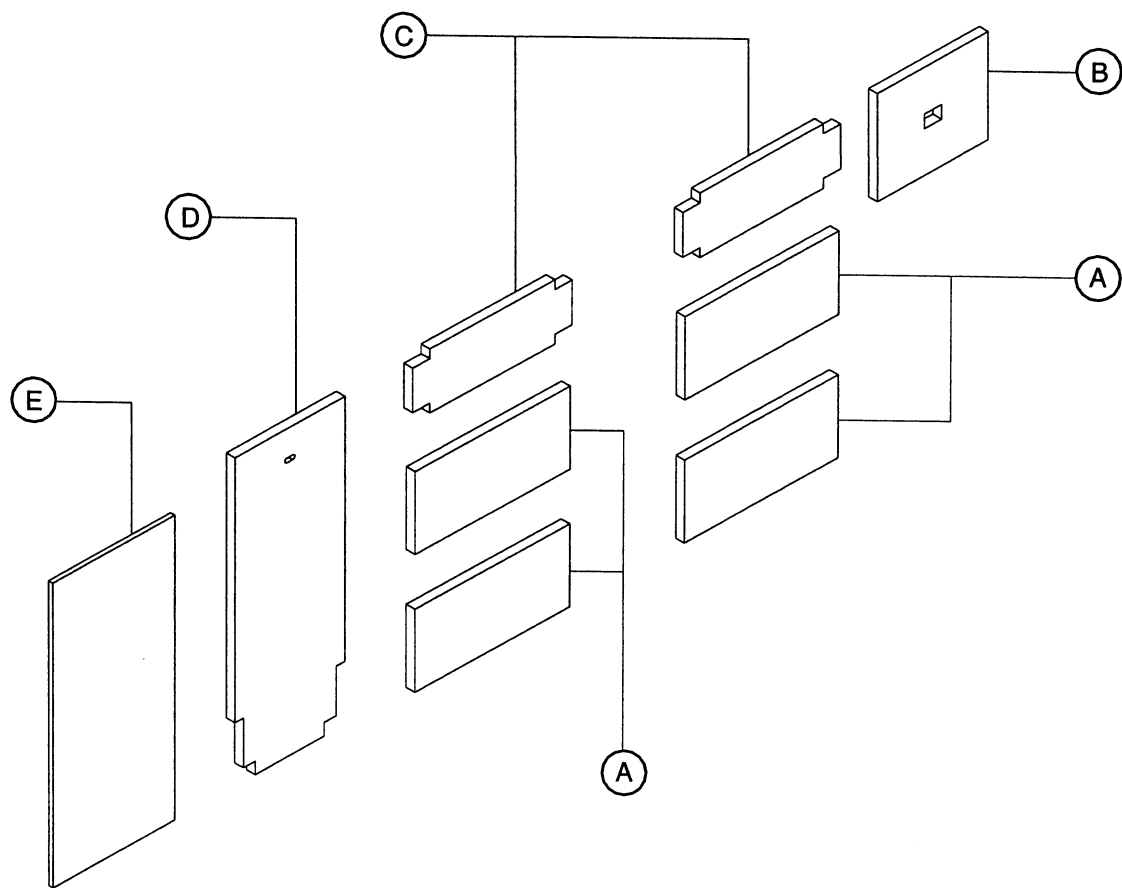


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54430855	1	BRACKET , SUPPORT				
B	54656228	1	BAFFLE , STREET SIDE INTAKE				
C	54656269	1	STRAP , FRONT FOAM				
D	35603661	1	BRACKET , WHEEL CHOCK				
E	54656210	1	BAFFLE , CURB SIDE INTAKE				
F	54656244	1	SUPPORT , INTAKE				
G	54690771	1	COVER , INTAKE				
H	54656236	1	BAFFLE , REAR INTAKE				
J	35603190	2	CHOCK , WHEEL				
K	35333830	2	STRAP , WHEEL CHOCK				

FOAM ASSEMBLY

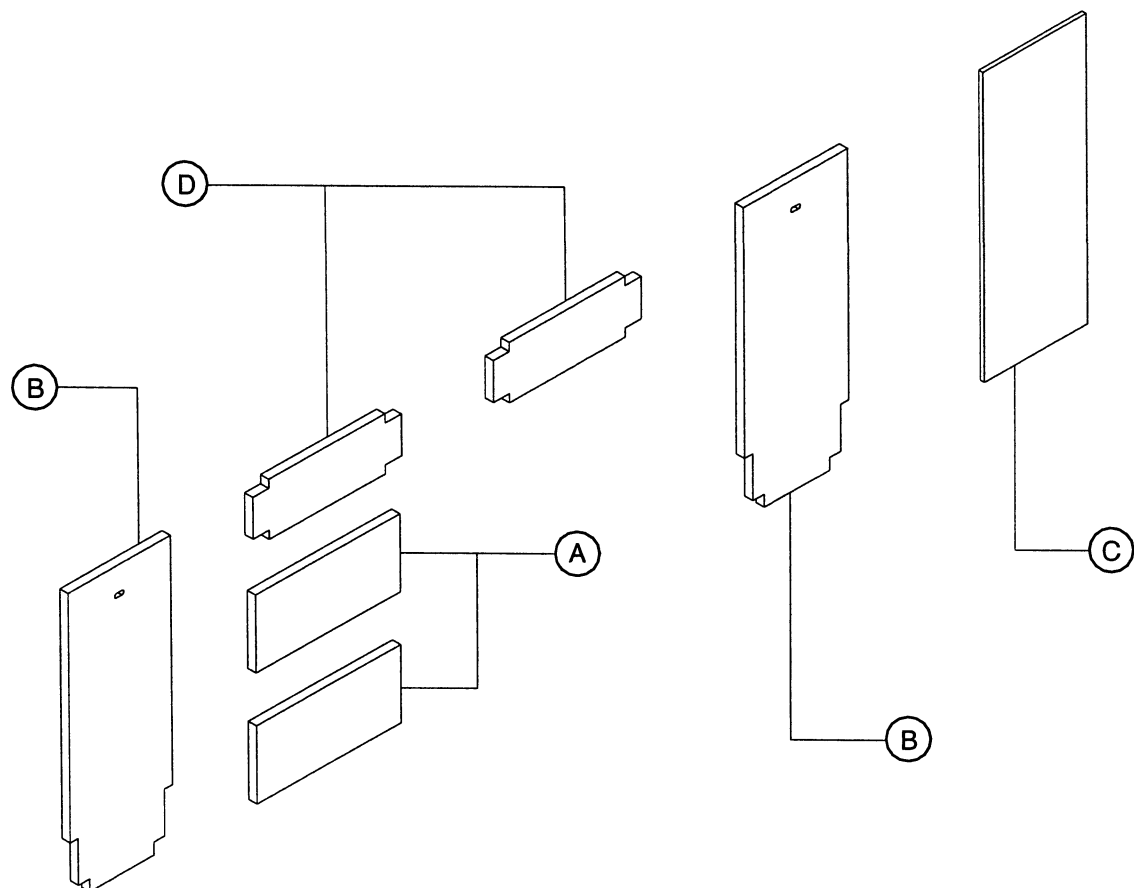


SIDE FOAM



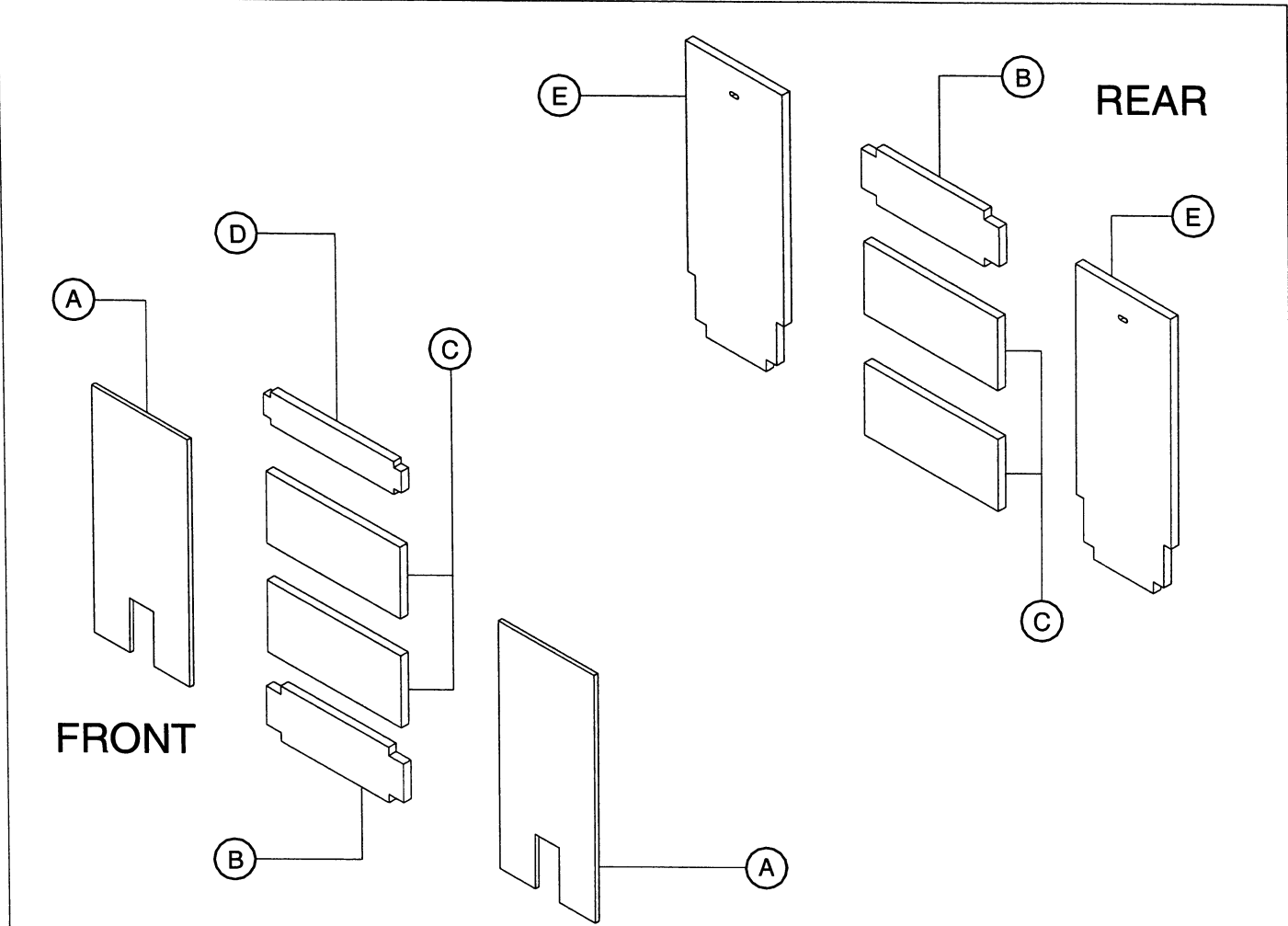
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659107	1	FOAM , DOOR				
B	54659131	1	FOAM , ABOVE CONTROL PANEL				
C	54659099	1	FOAM , ABOVE DOOR				
D	54659040	1	FOAM , SECOND PANEL				
E	54652425	1	FIBERGLASS , FRONT PANEL				

SIDE FOAM



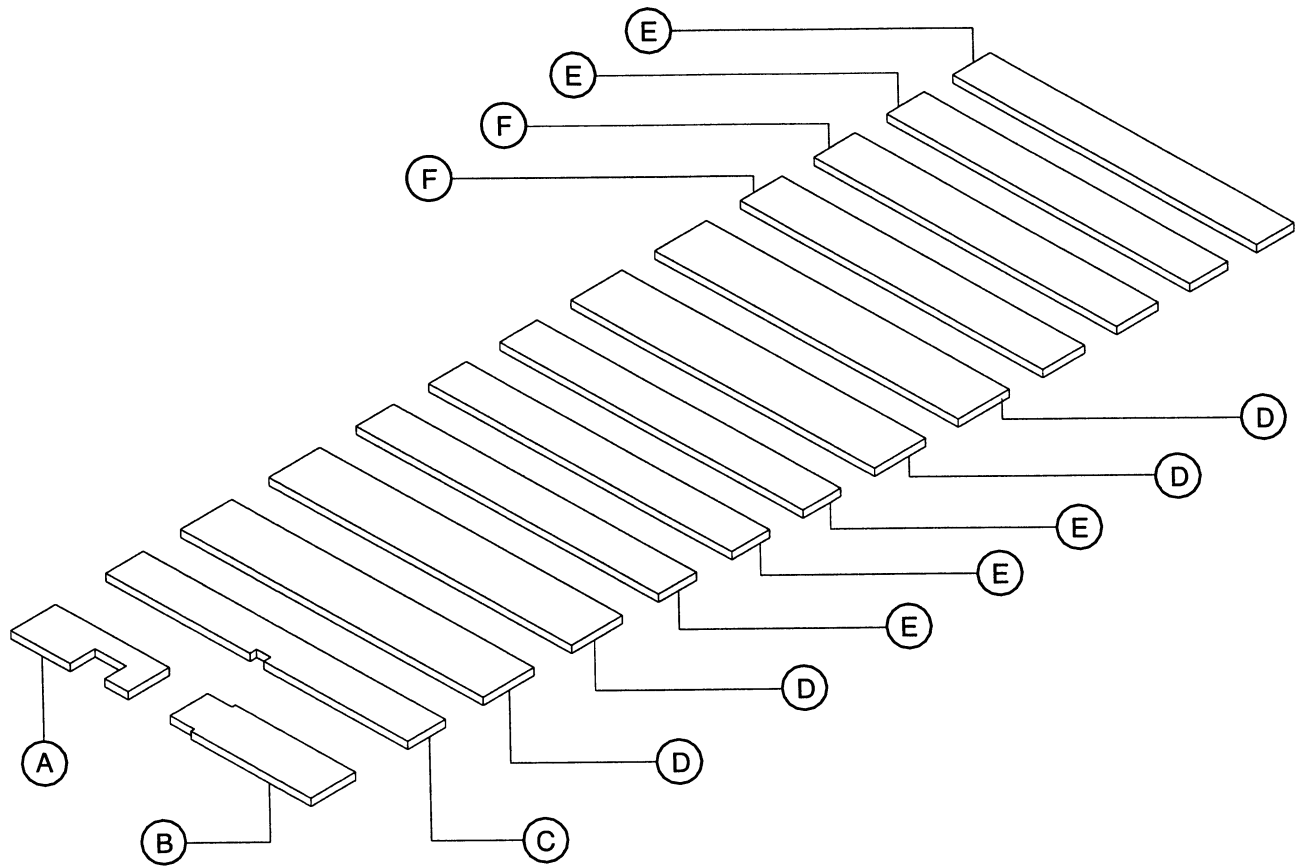
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659107	1	FOAM , DOOR				
B	54659040	1	FOAM , SIDE				
C	54652425	1	FIBERGLASS , FRONT PANEL				
D	54659099	1	FOAM , ABOVE DOOR				

FRONT AND REAR FOAM



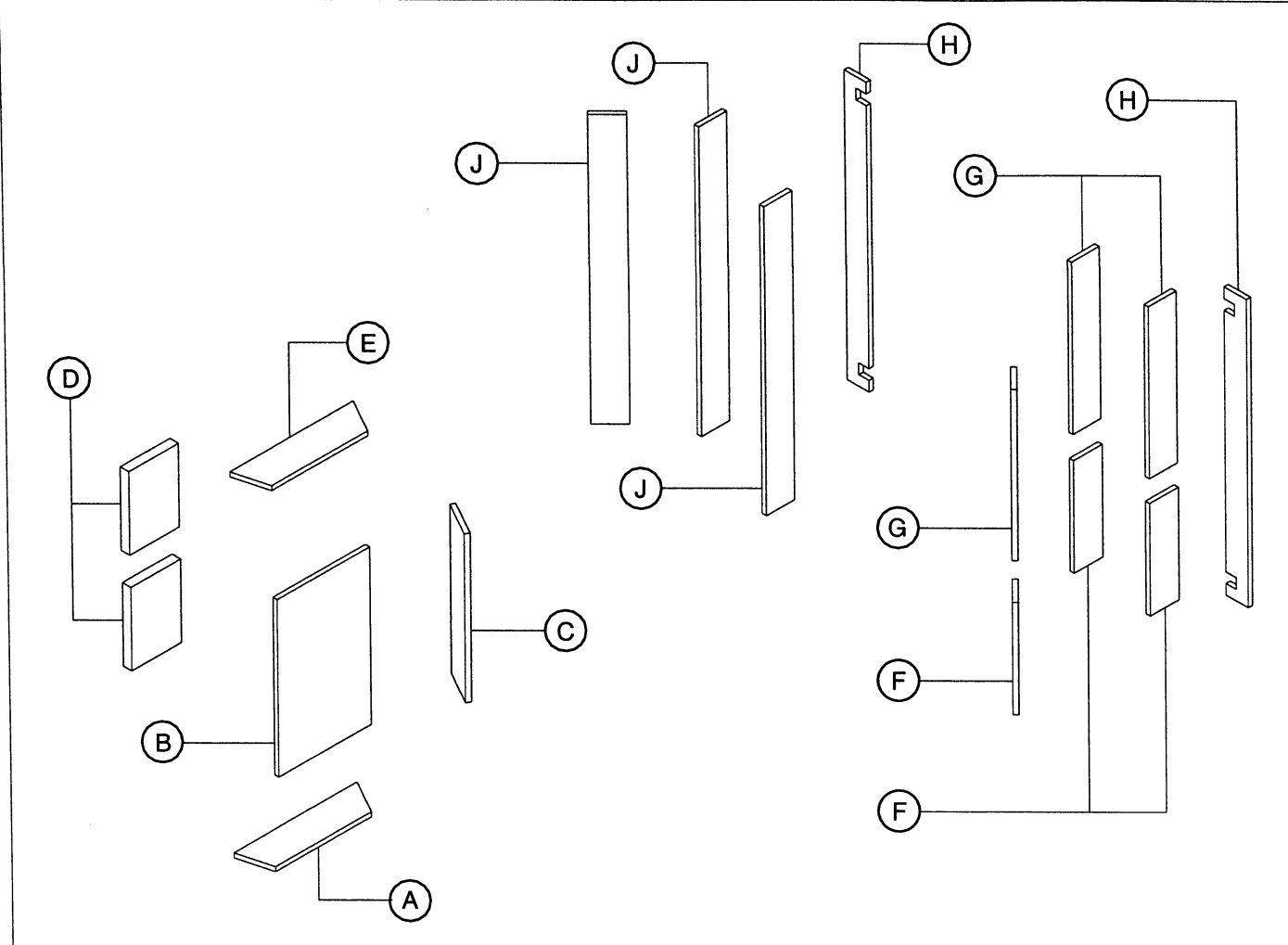
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54652417	1	FIBERGLASS , FRONT SIDE				
B	54659099	1	FOAM , BOTTOM & TOP DOOR				
C	54659107	1	FOAM , CENTER DOOR				
D	54659115	1	FOAM , OVER DOOR				
E	54659040	1	FOAM , REAR SIDE				

TOP FOAM

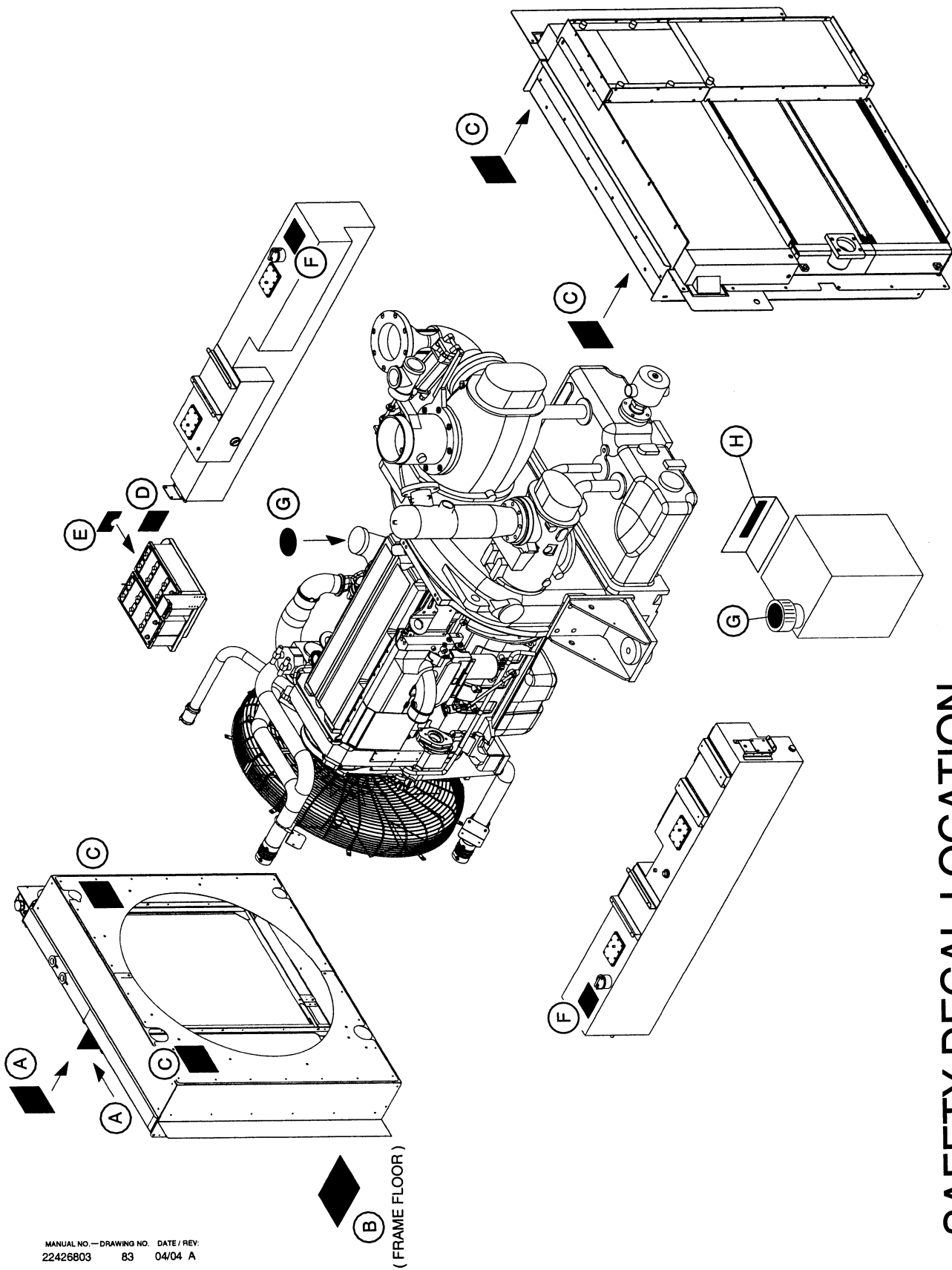


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659057	1	FOAM , CURB SIDE TOP				
B	54672274	1	FOAM , STREET SIDE TOP				
C	54672282	1	FOAM , FIRST TOP				
D	54659081	1	FOAM , 2ND, 3RD, 7TH, & 8TH TOP				
E	54659073	1	FOAM , 4TH, 5TH, 6TH, 11TH, & 12TH TOP				
F	54659123	1	FOAM , 9TH & 10TH TOP				

INSIDE BAFFLE FOAM



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54659206	1	FOAM , BOTTOM INTAKE				
B	54659198	1	FOAM , BACK INTAKE				
C	54659032	1	FOAM , SIDE INTAKE				
D	54659180	1	FOAM , INSIDE INTAKE				
E	54659214	1	FOAM , TOP INTAKE				
F	54659164	1	FOAM , BOTTOM BAFFLE				
G	54659156	1	FOAM , TOP BAFFLE				
H	54659172	1	FOAM , REAR BAFFLE				
J	54659149	1	FOAM , CURB SIDE BAFFLE				

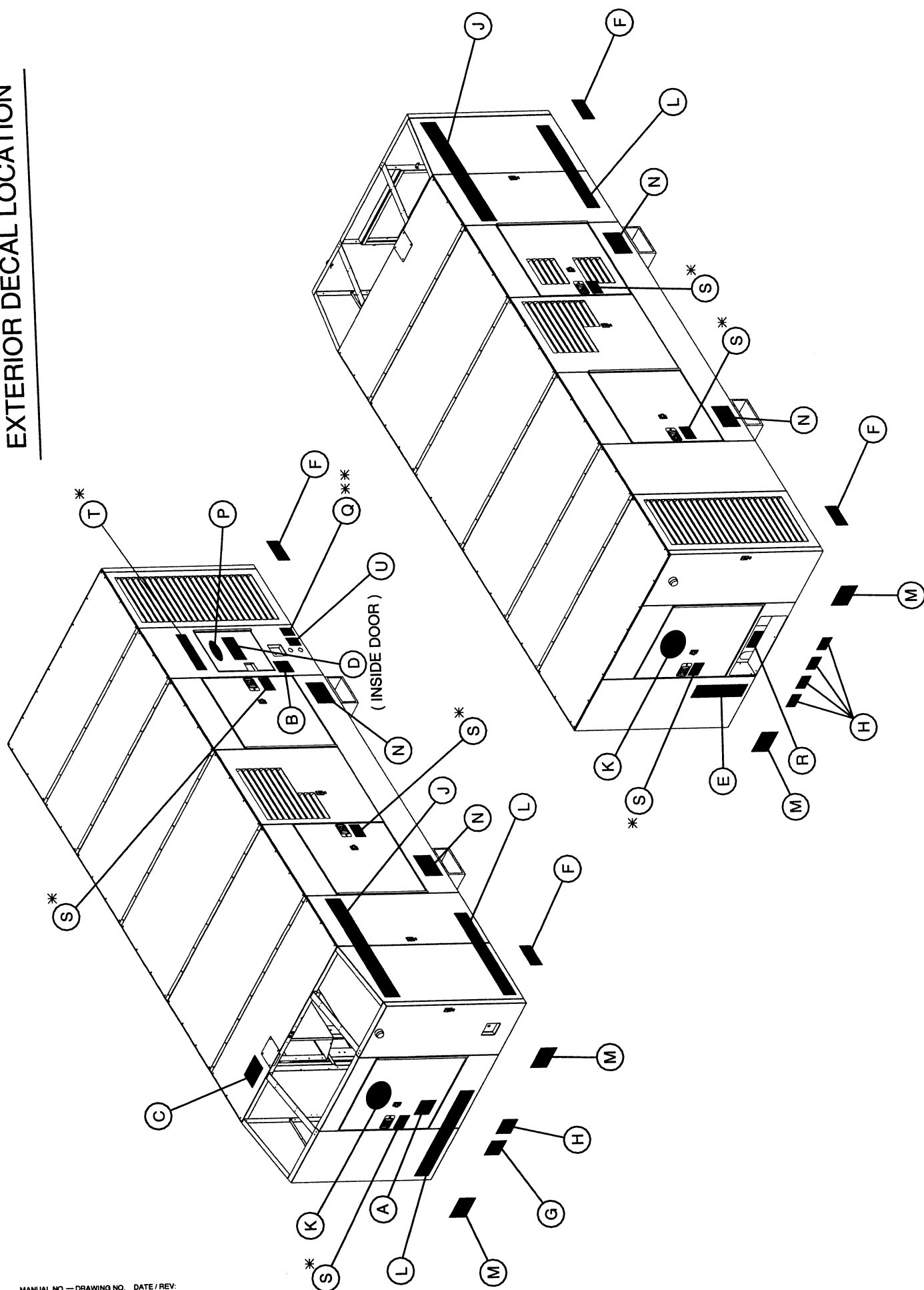


SAFETY DECAL LOCATION

DECAL LOCATION

	STANDARD	CE MARK	
		(DECAL SHEET – 54687256)	LETTER
Ⓐ	54604962	G	COOLANT FILL DECAL (2 REQD)
Ⓑ	54568761	E	HOT PRESSURIZED FLUID DECAL
Ⓒ	54568779	B	ROTATING FAN DECAL (4 REQD)
Ⓓ	54568753	C	COMBUSTIBLE GAS DECAL
Ⓔ	54642327	54642327	BATTERY DISCONNECT DECAL
Ⓕ	54625207	H	DIESEL FUEL DECAL (2 REQD)
Ⓖ	54604970	54604970	OIL FILL PLUG DECAL (2 REQD)
Ⓗ	54686852	54686852	TRANSDUCER LOCATION DECAL

EXTERIOR DECAL LOCATION



DECAL LOCATION

* AUTOSTART OPTION ONLY ** BATTERY CHARGER OPTION ONLY

	STANDARD	CE MARK (DECAL SHEET - 54687256) LETTER	
(A)	54604988	D	DOOR UNDER PRESSURE DECAL
(B)	54568787	N/A	NO UNAUTHORIZED MODIFICATIONS DECAL
(C)	54568761	E	HOT PRESSURIZED FLUID DECAL
(D)	54652532	54652532	OPERATING INSTRUCTIONS DECAL
(E)	54629944	J	3-PART DANGER / WARNING DECAL
(F)	54699400	A	LIFT POINT DECAL (4 REQD)
(G)	54699392	K	TOWING SPEED DECAL
(H)	54629977	54629977	CENTRAL DRAIN DECAL
(J)	54672324	54672332	CHEVRON DECAL (2 REQD)
(K)	54638333	54638333	IR SWOOSH DECAL (2 REQD)
(L)	54630181	N/A	OIL FREE AIR DECAL (3 REQD)
(M)	54749205	M	NO WELD DECAL (4 REQD)
(N)	54749213	N	FORK TUBE POCKETS DECAL (4 REQD)
(P)	54640024	54640024	I-R GENUINE PARTS DECAL
** (Q)	54749155	54749155	BATTERY CHARGER DECAL
(R)	54625207	H	DIESEL FUEL DECAL
* (S)	54687777	L	AUTOSTART WARNING DECAL (6 REQD)
* (T)	36511244	36511244	AUTOSTART DECAL
(U)	54749171	54749171	AC HEATER DECAL

