



PARTS MANUAL

COMPRESSOR MODEL

XHP1170WCU

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.



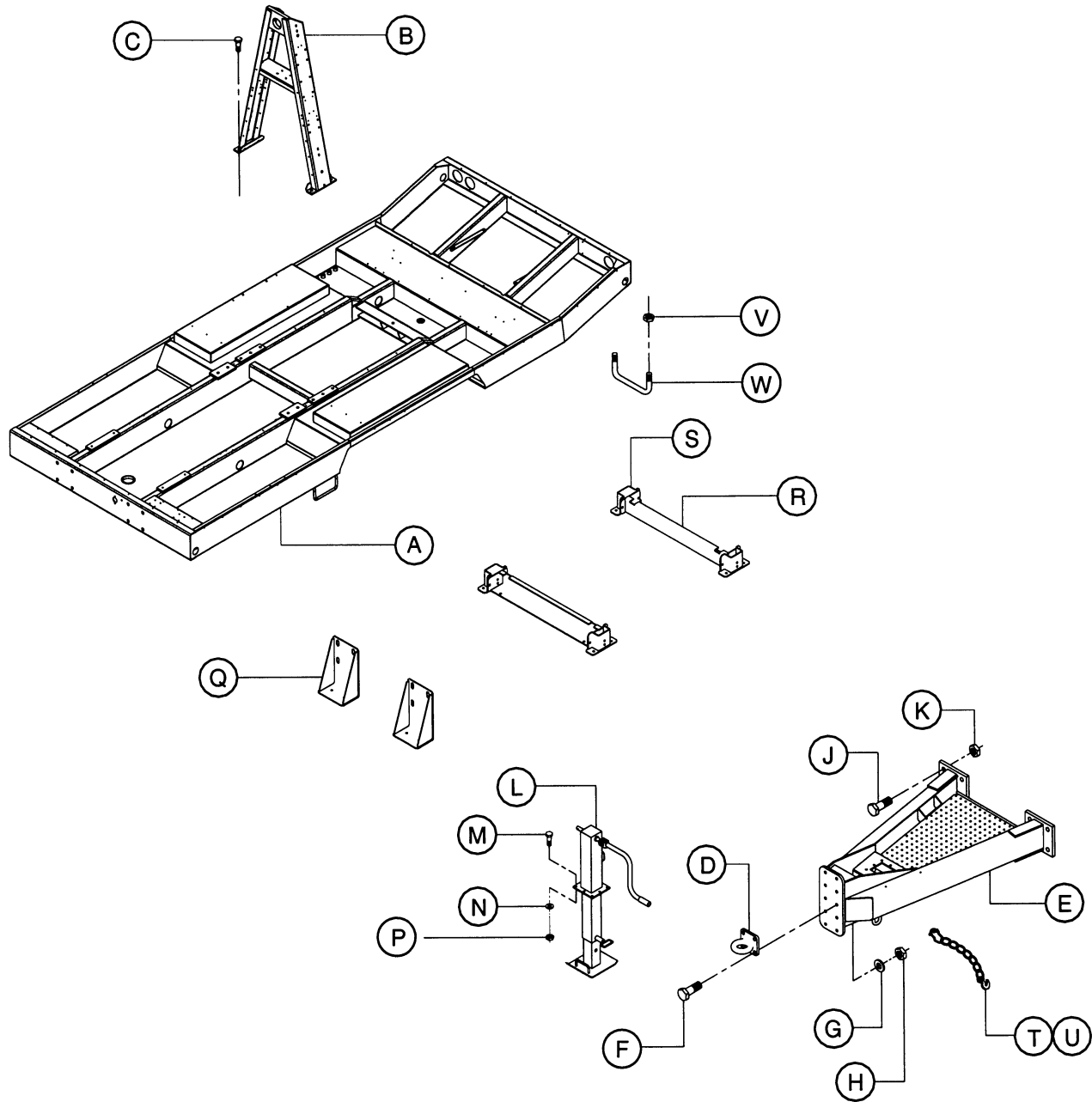
**Portable Power
P.O. Box 868 - 501 Sanford Ave
Mocksville, N.C. 27028**

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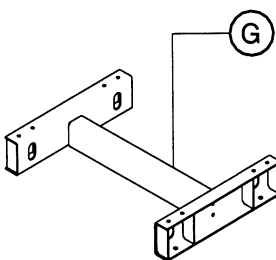
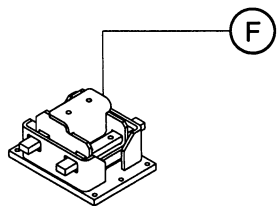
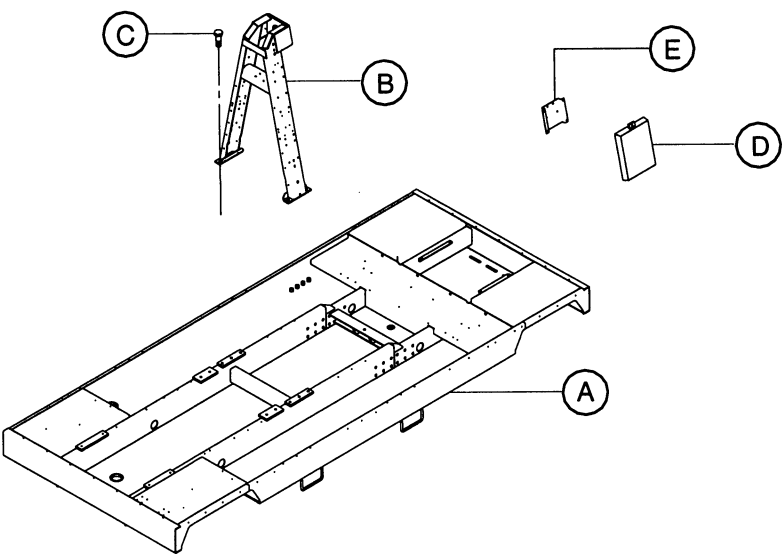
FRAME ASSEMBLY (FAST TRACK)
FRAME ASSEMBLY (WAGON WHEEL)
RUNNING GEAR ASSEMBLY (FAST TRACK)
RUNNING GEAR ASSEMBLY (WAGON WHEEL)
ENGINE ASSEMBLY
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MINIMUM PRESSURE / CHECK VALVE
INSTRUMENT / CONTROL PANEL
BATTERY AND MOUNTING
ENCLOSURE ASSEMBLY
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WIRING DIAGRAM
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SEPARATOR AIR PIPING
AIR CHARGE PIPING
IQ AIR PIPING
IQ COOLER PIPING
IQ FILTER PIPING
IQ INDICATOR PIPING
CENTRAL DRAIN PIPING
DECAL LOCATION
RECOMENDED SPARE PARTS LIST

FAST TRACK FRAME ASSEMBLY



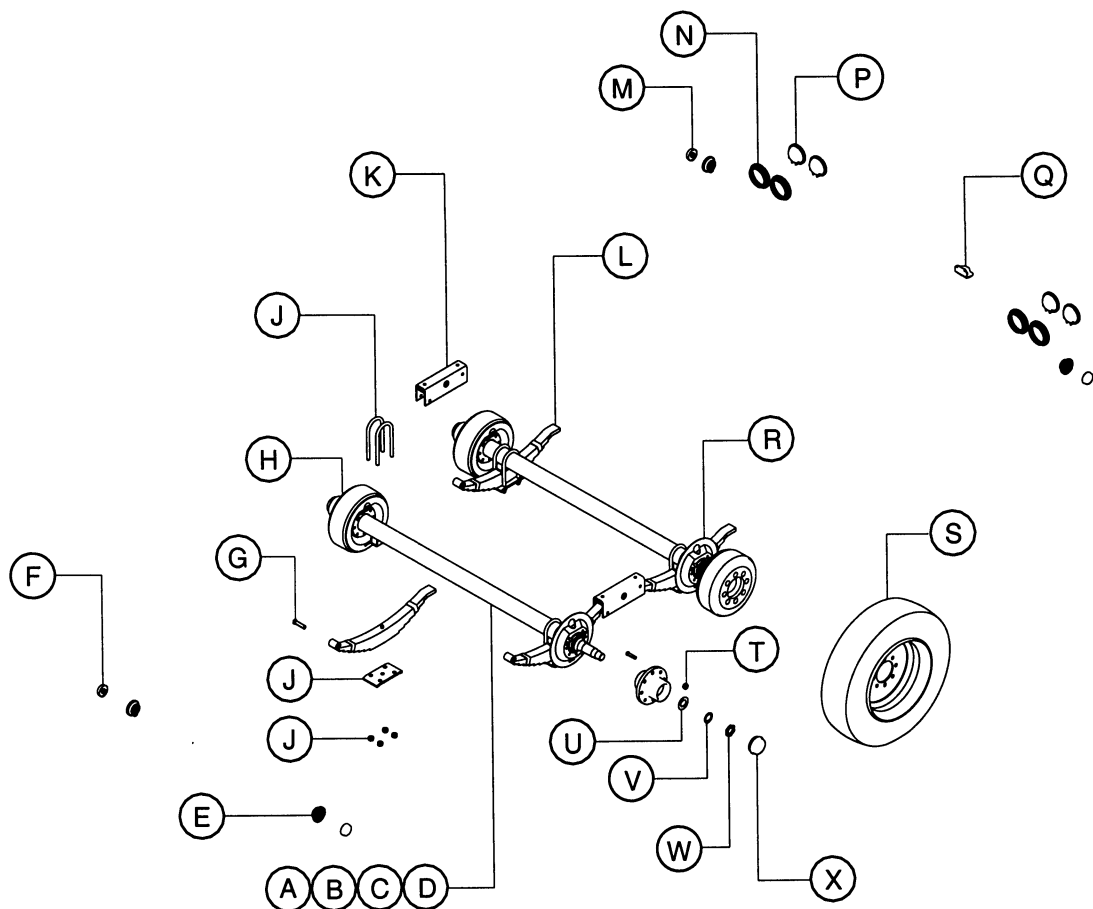
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54501804	1	FRAME ASSEMBLY	R	22053870	2	LESS RUNNING GEAR SUPPORT
B	54542543	1	BAIL , LIFTING	S	22053888	2	LESS RUNNING GEAR SUPPORT
C	96720610	4	SCREW	T	35369800	2	COUPLING , CHAIN
D	36880128	1	PINTLE EYE	U	36870475	2	CHAIN
E	22058283	1	DRAWBAR	V	95922910	4	NUT
F	36880136	4	SCREW	W	35304666	1	STEP
G	95935011	4	WASHER	X	36898005	1	BRACKET , AIR CYLINDER
H	95077608	4	NUT		35603190	2	CHOCK , WHEEL
J	95996179	8	SCREW		35333830	2	STRAP , CHOCK
K	95996187	8	NUT		36878031	1	ELECTRIC BRAKE HARNESS
L	36880144	1	JACK ASSEMBLY		54752308	1	LIGHTING HARNESS
M	95934451	4	SCREW				
N	95935003	4	WASHER				
P	95952156	4	NUT				
Q	22054118	2	LESS RUNNING GEAR SUPPORT				

WAGON WHEEL FRAME ASSEMBLY



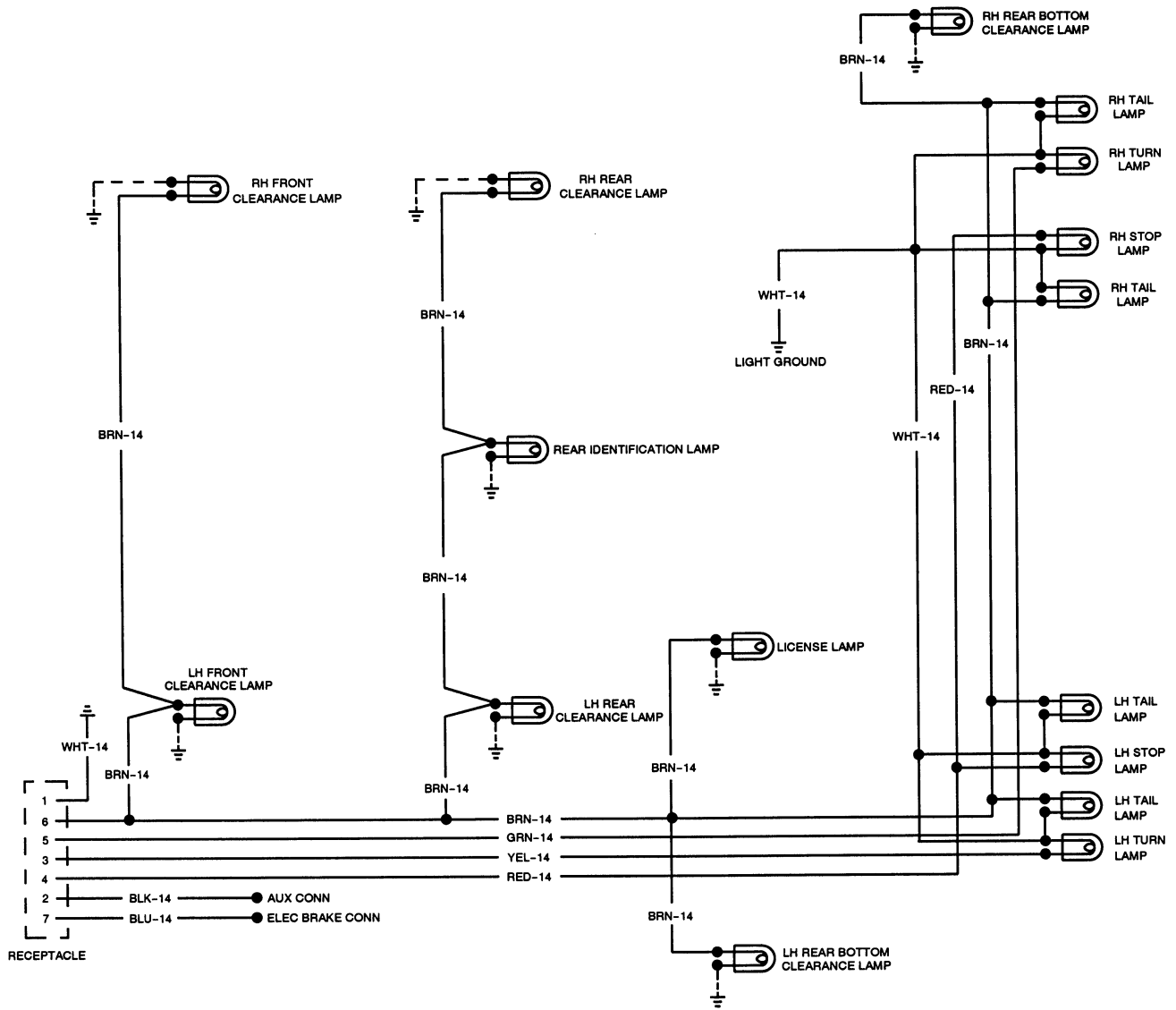
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54501796	1	FRAME ASSEMBLY				
B	22186845	1	BAIL , LIFTING				
C	96720610	4	SCREW				
D	36847580	1	POUCH , LITERATURE				
E	22150361	1	BRACKET , POUCH				
F	22110761	4	MOUNT , SHOCK				
G	22051304	4	MOUNT , PEDESTAL				

HIGH SPEED RUNNING GEAR

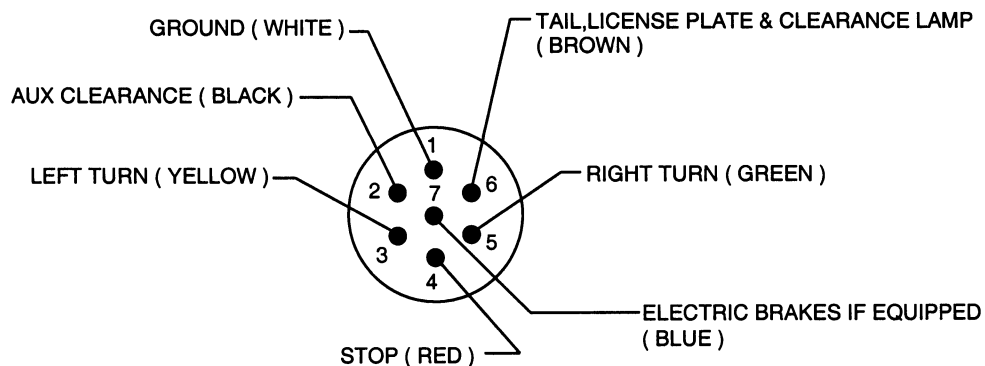


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	22131551	2	AXLE ASSEMBLY	T	36880276	8	NUT , LUG
B	22131569	2	BEAM , AXLE	U	36853109	4	WASHER , FLAT
C	36880300	1	RIGHT BRAKE ASSEMBLY	V	36853117	4	WASHER , LOCK
D	36880292	1	LEFT BRAKE ASSEMBLY	W	36853091	4	NUT , HUB
E	36893642	4	GROMMET	X	36776813	4	HUB , GREASE
F	35367051	2	LIGHT , YELLOW				
G	36880227	8	BOLT , SHACKLE				
H	35336700	8	LOCKNUT				
	35336700	8	LOCKNUT				
J	22134498	2	U-BOLT ASSEMBLY				
K	36880219	2	EQUALIZER				
	36880243	2	BOLT				
	36880250	2	NUT				
L	36880284	4	SPRING				
M	35367044	2	RED LIGHT				
N	36787968	4	GROMMET				
P	36859320	4	BRAKE & RUNNING LIGHT				
Q	36895860	1	LIGHT , LICENSE PLATE				
R	22134480	4	SHIELD , DUST				
S	22256507	4	TIRE				
	22077515	4	WHEEL				
	36878049	4	CLAMP , RING				

FAST TRACK WIRING



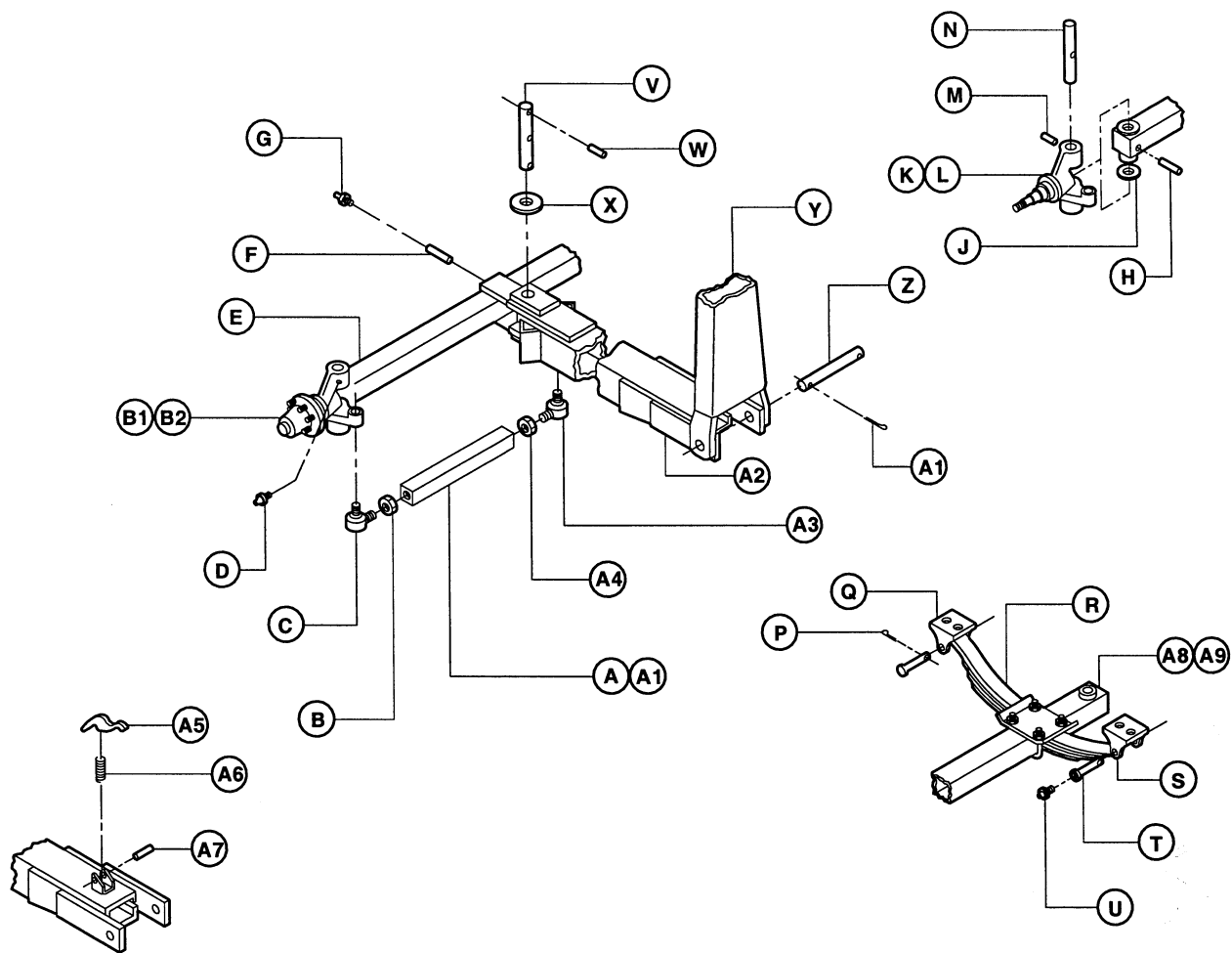
FAST TRACK WIRING



STOP, TAIL & TURN LIGHT OPTION
(AS VIEWED FROM REAR OF SOCKET)

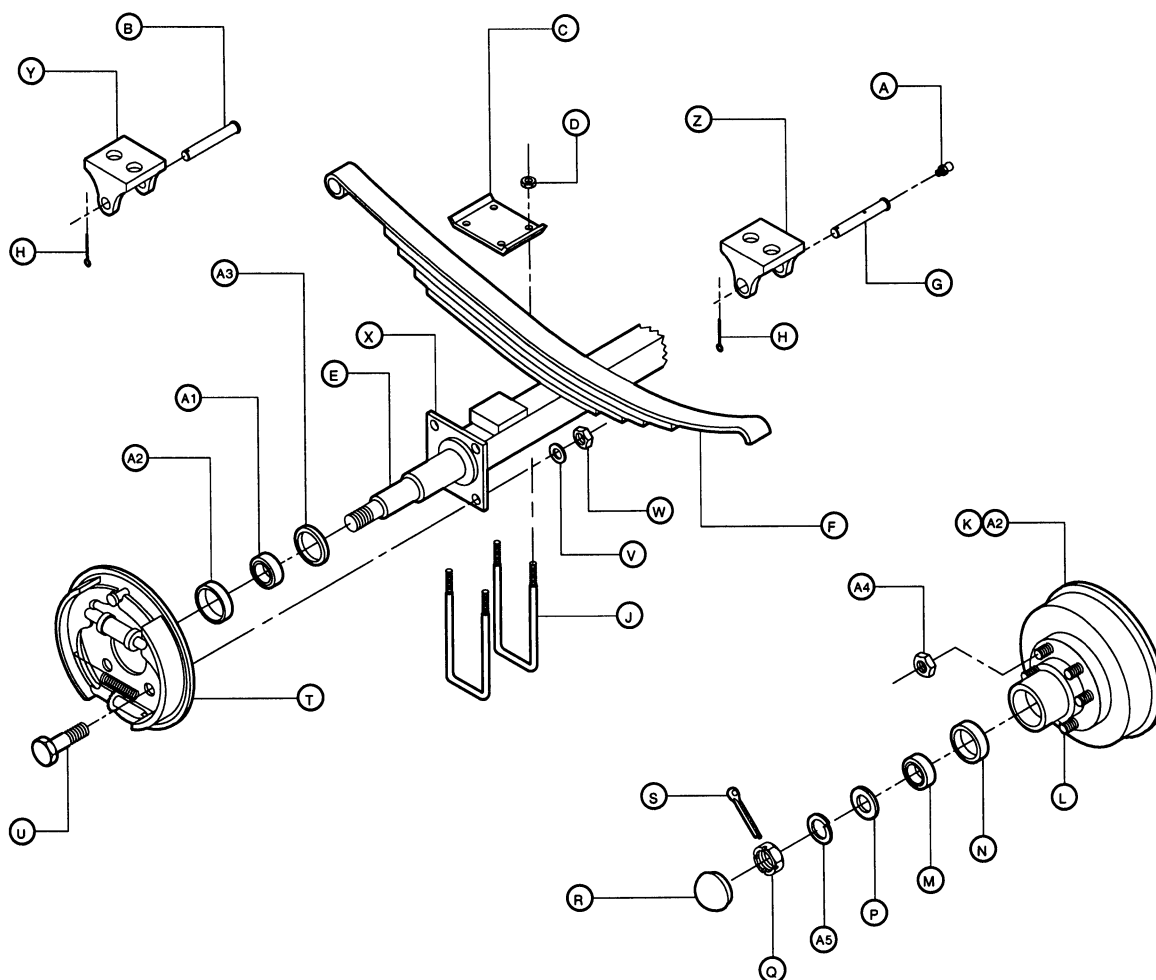
LIST OF MATERIALS									
CKT	TERMINATION A	TYPE	SIZE	TERMINATION B	TYPE	SIZE	GAUGE	LENGTH	COLOR
1	RECEPTACLE 1	E		GROUND	A	1/4	14	46	WHT
2	RECEPTACLE 6	E		SPLICE 1	D		14	24	BRN
3	SPLICE 1			LH FRT CLEARANCE	B		14	95	BRN
4	LH FRT CLEAR W/CKT 3B			RH FRT CLEARANCE	B		14	89	BRN
5	SPLICE 1 W/CKT 3A			SPLICE 2	D		14	218	BRN
6	RECEPTACLE 3	E		RH TURN	G		14	342	YEL
7	RECEPTACLE 5	E		LH TURN	G		14	255	GRN
8									
9									
10	RH TURN/TAIL W/CKT 27B			RH REAR CLEAR BOT	B		14	22	BRN
11									
12	SPLICE 2			LH REAR CLEARANCE	B		14	19	BRN
13	LH REAR CLEAR W/CKT 12B			LH REAR TOP CLEAR	B		14	74	BRN
14	LH REAR TOP CLEAR W/CKT 13B			REAR ID W/CKT 15A	B		14	61	BRN
15	R ID W/CKT 14B			RH REAR TOP CLEAR	B		14	56	BRN
16	SPLICE 2 W/CKT 12A			LICENSE LAMP	B		14	31	BRN
17	SPLICE 2 W/CKT 12A			LH TURN/TAIL	G		14	13	BRN
18	RECEPTACLE 4	E		LH STOP LAMP	G		14	261	RED
19	LIGHT GRD W/CKT 24A			LIGHT GROUND			14	36	WHT
20	LEFT STOP LAMP W/CKT 18B			RIGHT STOP LAMP	G		14	99	RED
21	RECEPTACLE 7	E		ELECTRIC BRAKES			14	29	BLU
22	LEFT TURN GRD			LH ST/GRD W/CKT 23A	G		14	30	WHT
23	LEFT STOP GRD			RT ST/GRD W/CKT 24A	G		14	99	WHT
24	RIGHT STOP GRD			RH TURN GRD	G		14	30	WHT
25	LH TURN/TAIL W/CKT 17B			LEFT STOP/TAIL	G		14	30	BRN
26	LH STOP/TAIL W/CKT 25B			RIGHT STOP/TAIL	G		14	99	BRN
27	RH STOP/TAIL W/CKT 26B			RIGHT TURN/TAIL	G		14	30	BRN
28	RECEPTACLE 2	E		AUX	B		14	29	BLK

WAGON WHEEL RUNNING GEAR



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36504389	2	ROD , TIE	X	95934964	2	WASHER
B	36140730	2	NUT , JAM	Y	36719557	1	DRAWBAR
C	35588953	2	BALL JOINT , OUTER	Z	35107168	1	PIN , HINGE
D	35221894	2	FITTING , LUBE	A1	36853042	2	TIE ROD ASSEMBLY (INCLUDES A,B,C,A3,A4)
E	22131502	1	AXLE , FRONT	A2	36753242	1	ARM , CENTER
F	95717369	1	PIN , ROLL	A3	35588961	2	BALLJOINT , INNER
G	35221894	1	FITTING , LUBE	A4	35140722	2	NUT , JAM
H	95338554	2	PIN , ROLL	A5	36719219	1	LATCH
J	95239927	4	WASHER	A6	35141167	1	SPRING
K	36851566	1	L.H. KNUCKLE ASSEMBLY	A7	95098703	2	PIN , ROLL
L	36851574	1	R.H. KNUCKLE ASSEMBLY	A8	36851376	1	FRONT AXLE ASSEMBLY
M	95673042	2	PIN , ROLL	A9	36851384	1	REAR AXLE ASSEMBLY
N	35319045	2	PIN , KING	B1	36853067	2	HUB
P	95018982	2	PIN , COTTER	B2	36853059	2	HUB ASSEMBLY
Q	36719169	2	BRACKET		22077515	4	WHEEL
R	36719466	2	SPRING		22256507	4	TIRE
S	36719177	2	BRACKET		36878049	4	RING , CLAMP
T	35111590	2	BOLT , SHACKLE				
U	95318556	2	FITTING , LUBE				
V	35588755	1	PIN , CENTER				
W	95717377	2	PIN , ROLL				

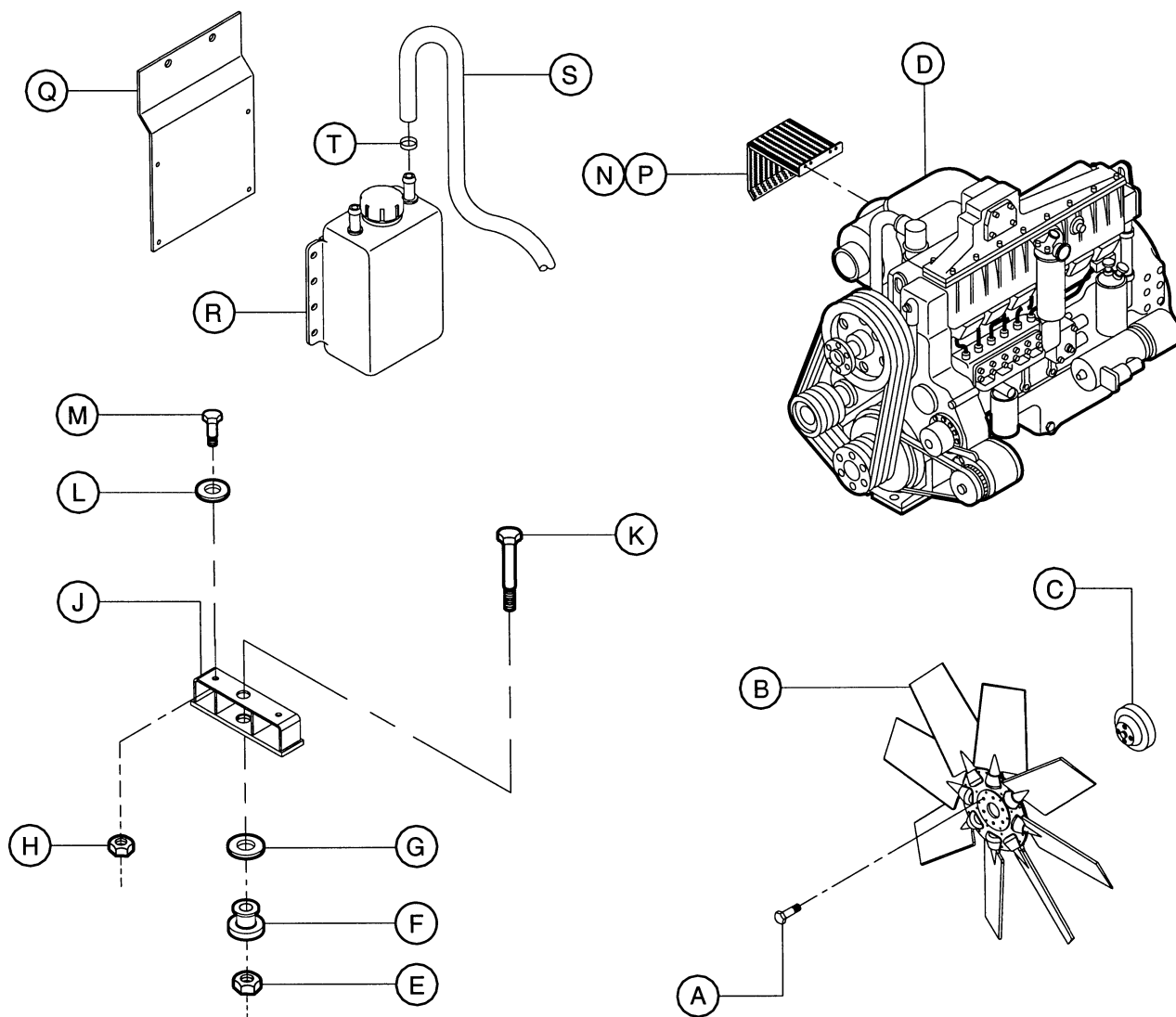
WAGON WHEEL RUNNING GEAR



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95318556	2	FITTING , LUBE	X	36776839	2	FLANGE , BRAKE MTG
B	35588839	2	PIN	Y	36719169	2	BRACKET
C	35589241	2	PLATE , CLAMP	Z	36719177	2	BRACKET
D	35111566	8	NUT	A1	36851608	2	INNER BEARING
E	22131528	1	AXLE , REAR	A2	36851624	2	INNER RACE
F	36719466	2	SPRING	A3	36851632	2	SEAL
G	35111590	2	BOLT , SHACKLE	A4	22079032	8	NUT , CONE
H	95018982	2	PIN , COTTER	A5	36853117	2	WASHER , LOCK
J	35834621	4	U-BOLT	A6	36853067	2	HUB ASSEMBLY
K	36853059	2	HUB ASSEMBLY (INCLUDES ITEMS L, R, A6)				
L	36851673	8	STUD				
M	36851590	2	OUTTER BEARING				
N	36851616	2	OUTER RACE				
P	36853109	2	WASHER , FLAT				
Q	36853091	2	NUT				
R	36776813	2	CAP , GREASE				
S	95272902	2	PIN , COTTER				
T	36851665	1	PARKING BRAKE ASSEMBLY				
U	36A2D326Z1	8	BOLT				
V	95934741	8	WASHER , FLAT				
W	95916573	8	NUT				

22131510 REAR RUNNING GEAR ASSEMBLY

ENGINE ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION
A	95940920	6	SCREW
B	36884047	1	FAN ASSEMBLY
C	54409339	1	SPACER , FAN
D	54661558	1	ENGINE , QSX-15 CUMMINS
E	35297340	1	NUT
F	35584556	1	MOUNT , RUBBER
G	35273937	1	WASHER
H	35297340	2	NUT
J	54570122	1	BRACKET , ENGINE
K	96700919	1	SCREW
L	95935011	2	WASHER
M	36763670	2	SCREW
N	54687322	1	GUARD , TURBO
P	36879492	2	SCREW
Q	22068852	1	BRACKET , VENT
R	22061964	1	BOTTLE , VENT
S	35326578	1	HOSE (125")
T	95220844	2	CLAMP
	36870608	1	SENDER , PRESS. (R.H. SIDE OF ENG.)
	36841138	1	SENDER , TEMP. (SIDE OF WATER PUMP IN BUSHING 0
	95944633	1	SENSOR , SPEED MAG.

ENGINE FILTERS

54662036	ENGINE FUEL FILTER
54662028	ENGINE OIL FILTER
54662051	ENGINE WATER SEPARATOR FILTER

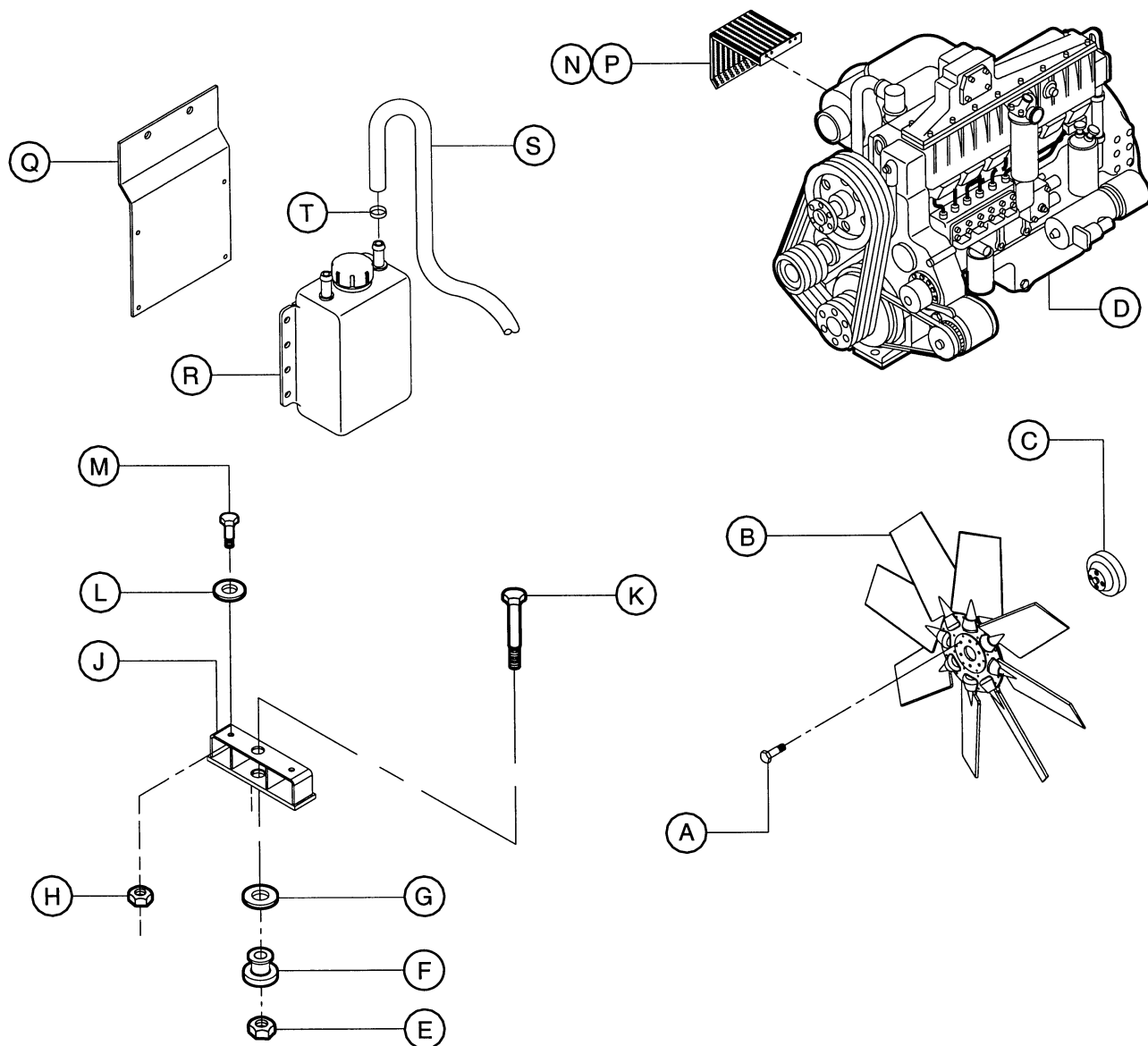
This exploded view diagram illustrates the assembly of a vacuum cleaner. The components are labeled as follows:

- A:** Motor housing (main body)
- B:** Motor housing (bottom cover)
- C:** Motor housing (top cover)
- D, E, F:** Motor housing (side cover)
- G:** Motor housing (top cover)
- H:** Motor housing (top cover)
- I:** Motor housing (top cover)
- J:** Motor housing (top cover)
- K:** Motor housing (top cover)
- L:** Motor housing (top cover)
- M:** Motor housing (top cover)

The diagram shows the motor housing (A) with the bottom cover (B) and top cover (C) attached. The side cover (D, E, F) is shown being attached to the motor housing. The top cover (G, H, I, J, K, L, M) is shown being attached to the motor housing. The motor housing (A) is shown with the bottom cover (B) and top cover (C) attached. The side cover (D, E, F) is shown being attached to the motor housing. The top cover (G, H, I, J, K, L, M) is shown being attached to the motor housing.

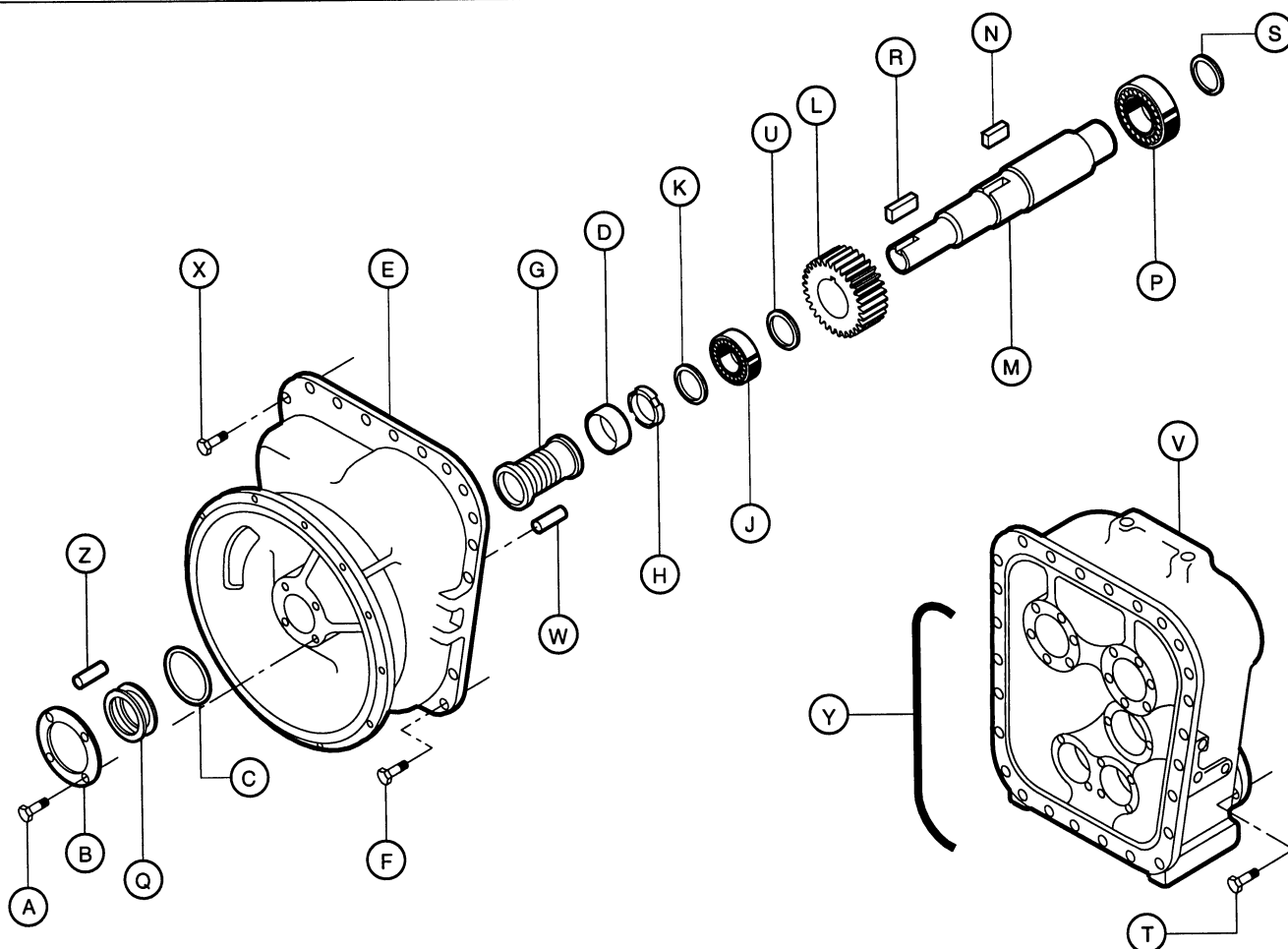
MANUAL NO. — DRAWING NO. DATE / REV:
22063556 10 06/03 B

ENGINE ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95940920	6	SCREW	ENGINE FILTERS			
B	36884047	1	FAN ASSEMBLY	54662036	—	ENGINE FUEL FILTER	
C	54409339	1	SPACER, FAN	54662028	—	ENGINE OIL FILTER	
D	54661533	1	ENGINE, QSX-15 CUMMINS	54662051	—	ENGINE WATER SEPARATOR FILTER	
E	35297340	1	NUT				
F	35584556	1	MOUNT, RUBBER				
G	35273937	1	WASHER				
H	35297340	2	NUT				
J	54570122	1	BRACKET, ENGINE				
K	96700919	1	SCREW				
L	95935011	2	WASHER				
M	36763670	2	SCREW				
N	54687322	1	GUARD, TURBO				
P	36879492	2	SCREW				
Q	22068852	1	BRACKET, VENT				
R	22061964	1	BOTTLE, VENT				
S	35326578	1	HOSE (125")				
T	95220844	2	CLAMP	36870608	1	SENDER, PRESS. (R.H. SIDE OF ENG.)	
				36841138	1	SENDER, TEMP. (SIDE OF WATER PUMP IN BUSHING)	
				95944633	1	SENSOR, SPEED MAG.	

HR2.5 AIR END ASSEMBLY

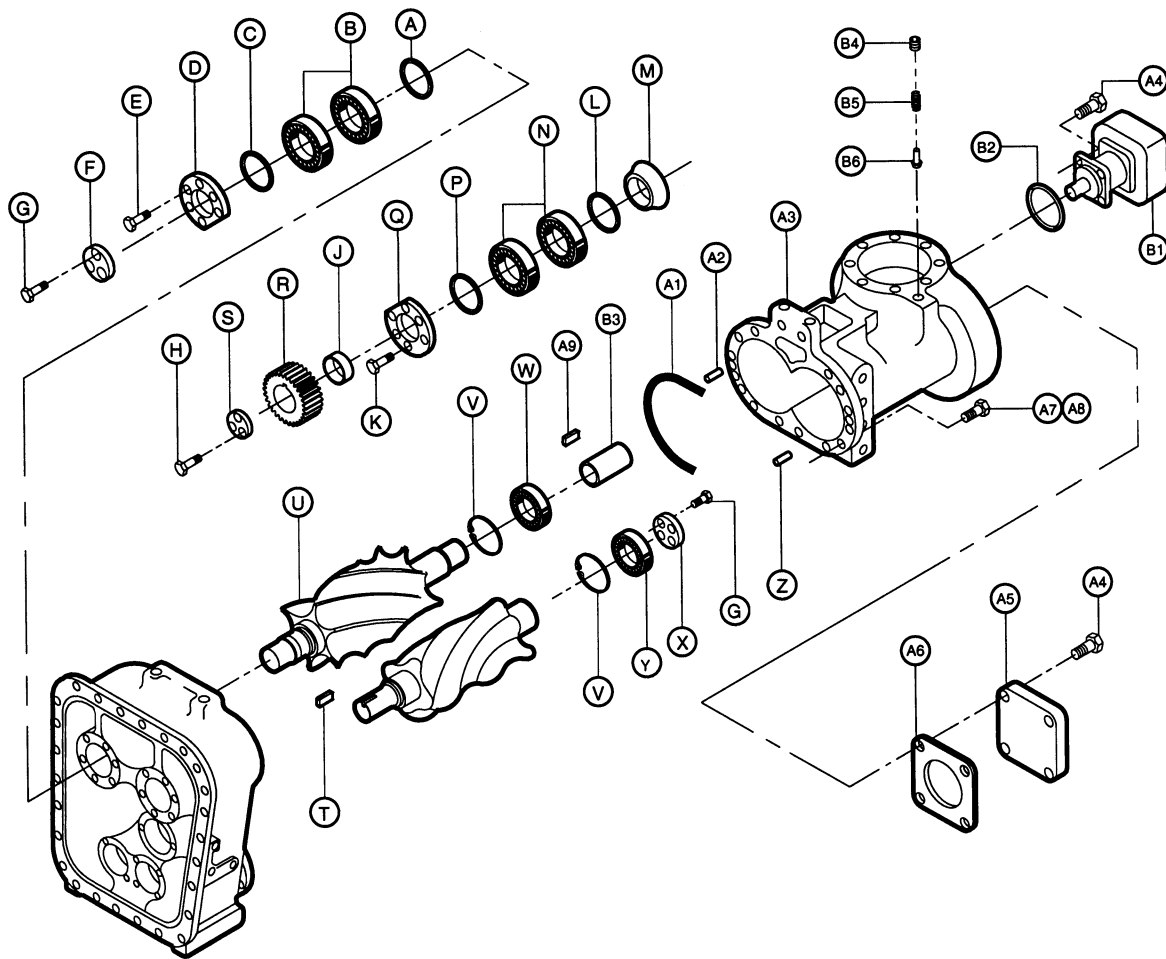


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
------	-----	-----	-------------	------	-----	-----	-------------

A	96702295	4	BOLT
B	39577648	1	COVER , OIL SEAL
C	35355536	1	O-RING
D	36795128	1	SPACER
E	36793750	1	CASE , GEAR
F	96716162	18	BOLT
G	39929351	1	SEAL , OIL
H	36795169	1	NUT , LOCK
J	36511640	1	BEARING
K	36795136	1	SPACER
L	SEE GEAR SET CHART		
M	36792836	1	SHAFT , DRIVE
N	36795110	1	KEY
P	35610203	1	BEARING
Q	36795151	1	SHIM SET
R	36795102	1	KEY
S	35372010	1	SPACER
T	35272533	16	SCREW
U	36795144	1	SPACER
V	36861367	1	HOUSING , MAIN
W	35336122	1	DOWEL
X	92398239	2	BOLT
Y	35355775	1	O-RING
Z	95650529	1	PIN , ROLL

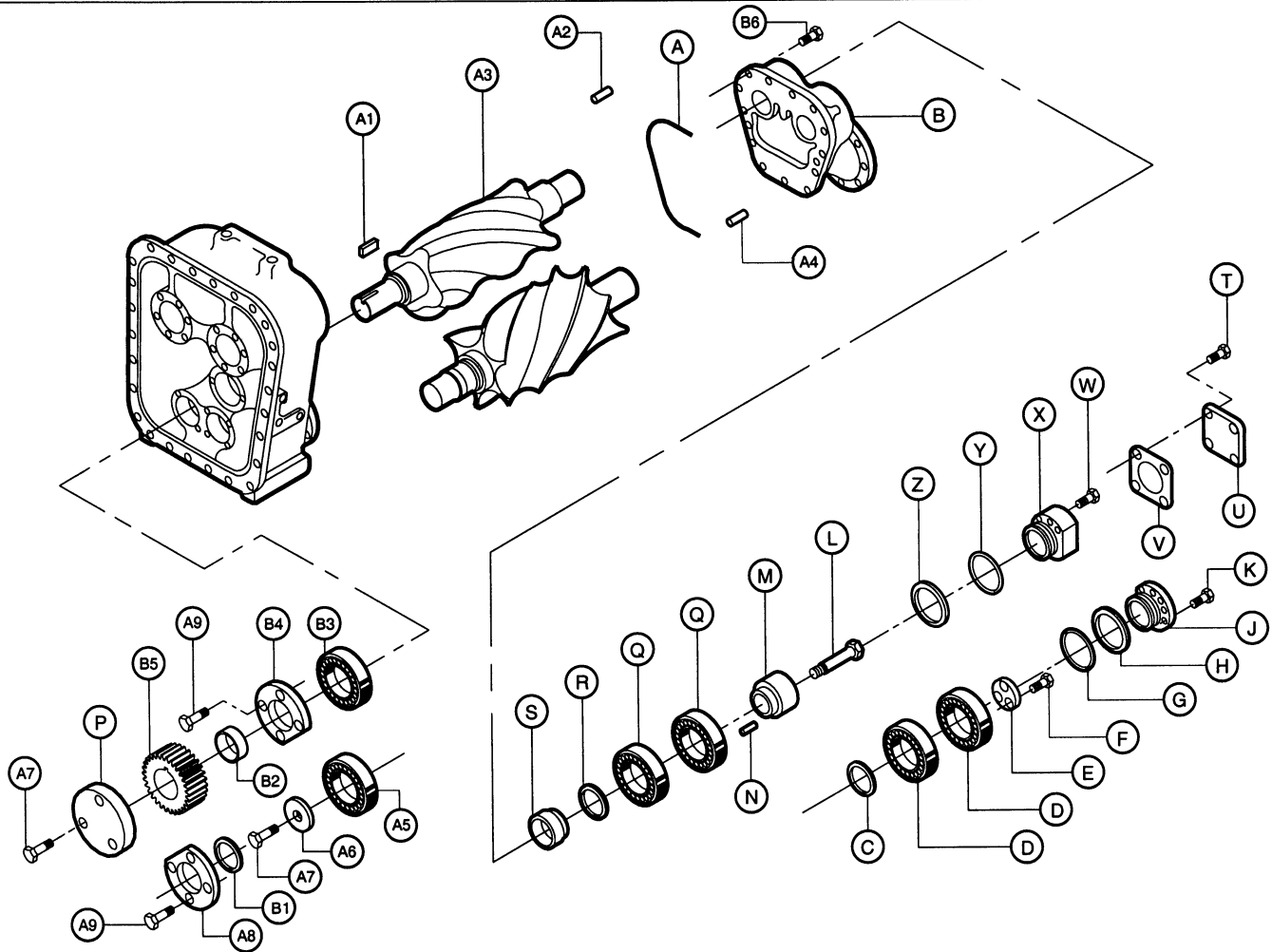
CFM	INPUT SPEED	GEAR SET PART NO.	HR2.5 A/E ASSY. NO.
1070	1800	36798973	36017549
1170	1800	54637897	36017556

HR2.5 AIR END ASSEMBLY



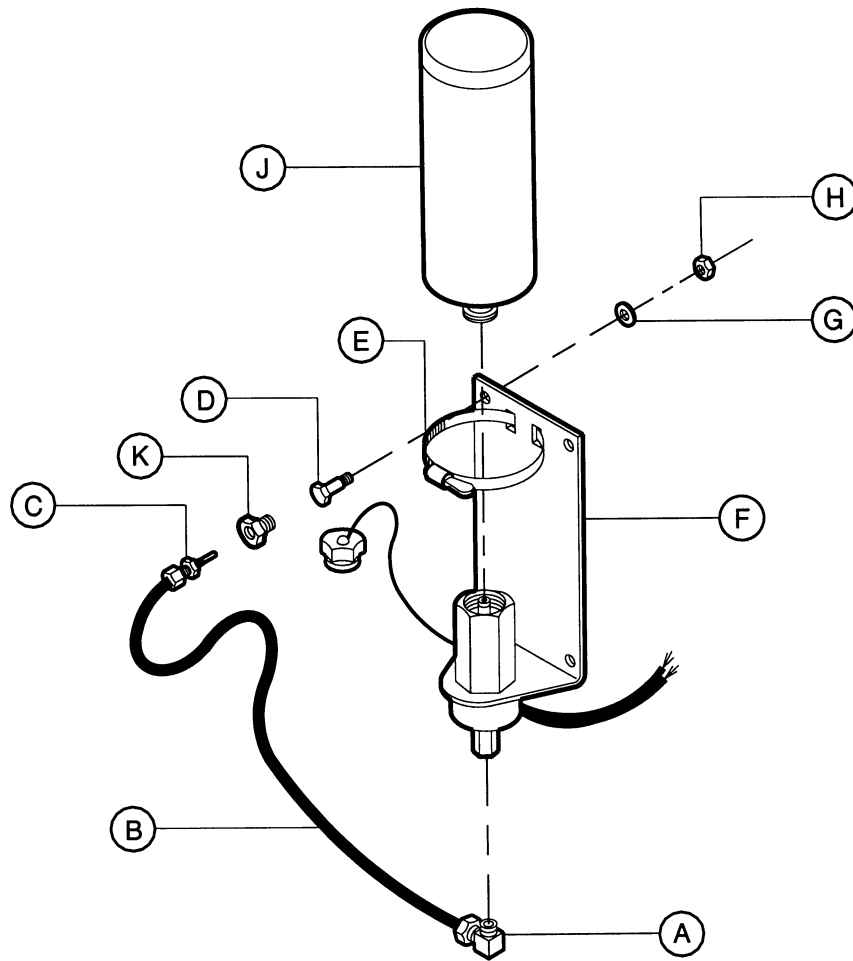
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35355833	1	SET , SHIM	A4	96706080	4	SCREW
B	35600105	2	BEARING	A5	36509388	1	PLATE , COVER
C	35355767	1	SET , SHIM	A6	35275742	1	GASKET
D	35856418	1	PLATE , RETAINING	A7	92398239	----	SCREW
E	96716139	6	SCREW	A8	35295344	----	SCREW
F	36508414	1	PLATE , RETAINING	A9	95340428	1	KEY
G	35311463	3	SCREW	B1	36861144	1	PUMP , OIL
H	96712187	3	SCREW	B2	95000410	1	O-RING
J	35355841	1	SPACER	B3	36854701	1	COUPLING
K	96701487	6	SCREW	B4	36861557	1	PLUG
L	35355825	1	SET , SHIM	B5	36861847	1	SPRING
M	35602457	1	PISTON , THRUST	B6	36861839	1	PISTON
N	35605203	2	BEARING				
P	35355767	1	SET , SHIM				
Q	36501013	1	PLATE , RETAINER				
R	SEE GEAR SET CHART ON PREVIOUS PAGE						
S	35355858	1	CLAMP , PLATE				
T	35355817	1	KEY				
U	36017465	1	SET , ROTOR (1ST STAGE)				
V	95223178	1	SNAP RING				
W	35600022	1	BEARING				
X	35300193	1	CLAMP , PLATE				
Y	35600030	1	BEARING , ROLLER				
Z	35336122	1	DOWEL				
A1	35355783	1	O-RING				
A2	35336130	1	DOWEL				
A3	36861193	1	HOUSING , ROTOR				

HR2.5 AIR END ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35355791	1	O-RING	A4	35336130	1	DOWEL
B	36738128	1	HOUSING , REAR BEARING	A5	35600014	1	BEARING , ROLLER
C	35355874	1	SET , SHIM	A6	35300201	1	PLATE , CLAMP
D	35600113	2	BEARING , TAPERED ROLLER	A7	35311463	1	SCREW
E	35355957	1	PLATE , CLAMP	A8	35355999	1	PLATE , RETAINING
F	35311463	3	SCREW	A9	35273408	4	BOLT
G	95026290	1	O-RING	B1	35355973	1	SPACER , BEARING
H	35355924	1	SET , SHIM	B2	35355866	1	SPACER
J	35856350	1	COVER , REAR BEARING	B3	35600022	1	BEARING , ROLLER
K	96702295	6	SCREW	B4	35355965	1	PLATE , RETAINING
L	36851277	1	BOLT	B5	SEE GEAR SET CHART 2 PAGES BACK		
M	35864644	1	COUPLING	B6	96712179	12	SCREW
N	95069522	1	DOWEL				
P	36847200	1	CLAMP , PLATE				
Q	35600113	2	BEARING , TAPERED ROLLER				
R	35355874	1	SET , SHIM				
S	35355940	1	PISTON , THRUST				
T	96712179	4	BOLT				
U	36509388	1	PLATE , COVER				
V	35275742	1	GASKET				
W	39125000	6	BOLT				
X	36864676	1	COVER , BEARING				
Y	95026290	1	O-RING				
Z	35355916	1	SET , SHIM				
A1	35355817	1	KEY				
A2	35336122	1	DOWEL				
A3	36006732	1	ROTOR SET (2ND STAGE)				

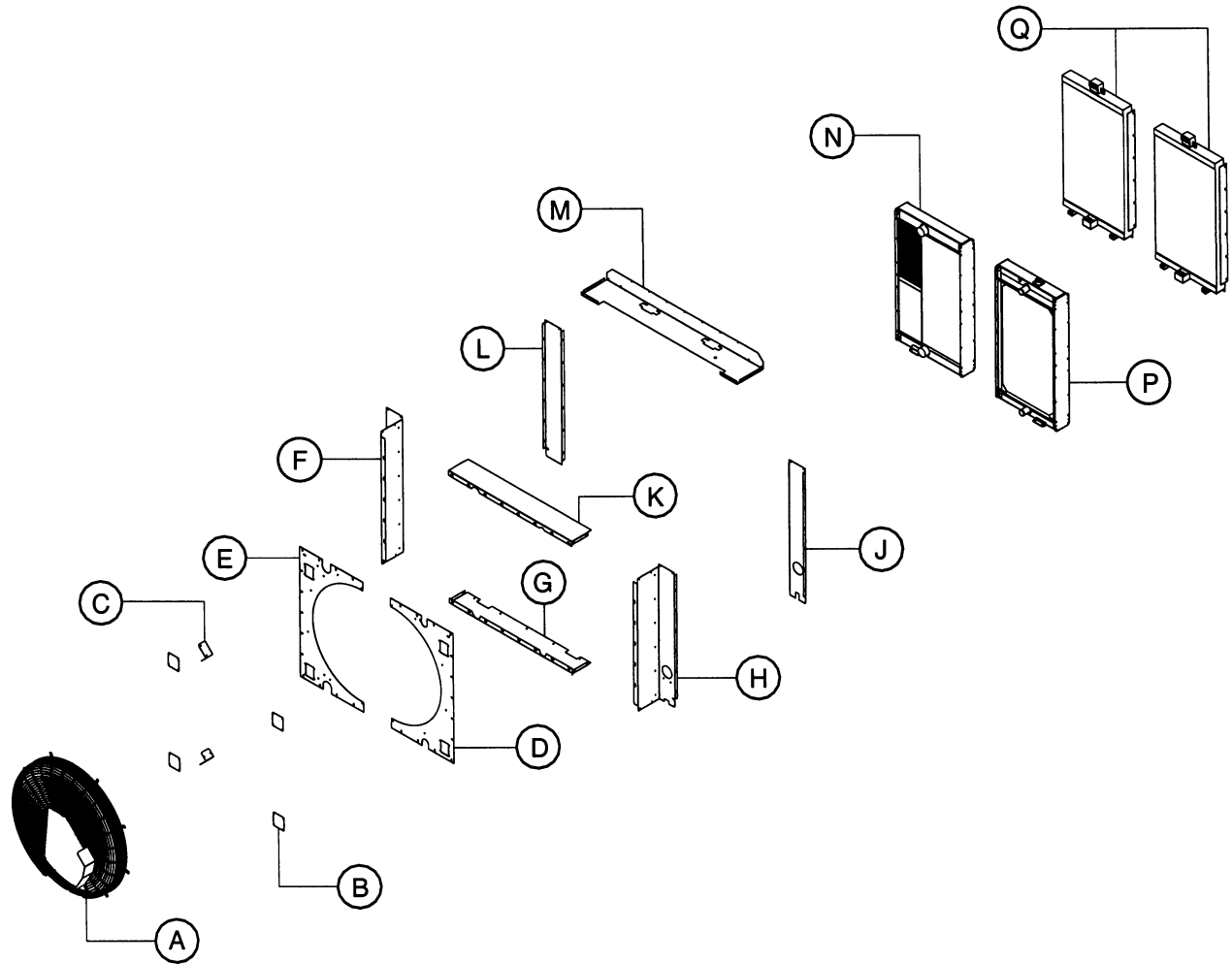
STARTING AID ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35103498	1	ELBOW				
B	35132166	1	TUBING (84 INCHES)				
C	35602812	1	ATOMIZER				
D	35322908	4	SCREW				
E	35103506	1	CLAMP				
F	35357961	1	VALVE AND BRACKET ASSEMBLY				
G	95043196	4	WASHER				
H	92304500	4	NUT				
J	35112911	1	CYLINDER , ETHER				
K	54720719	1	BUSHING (TO ENGINE AIR INLET)				

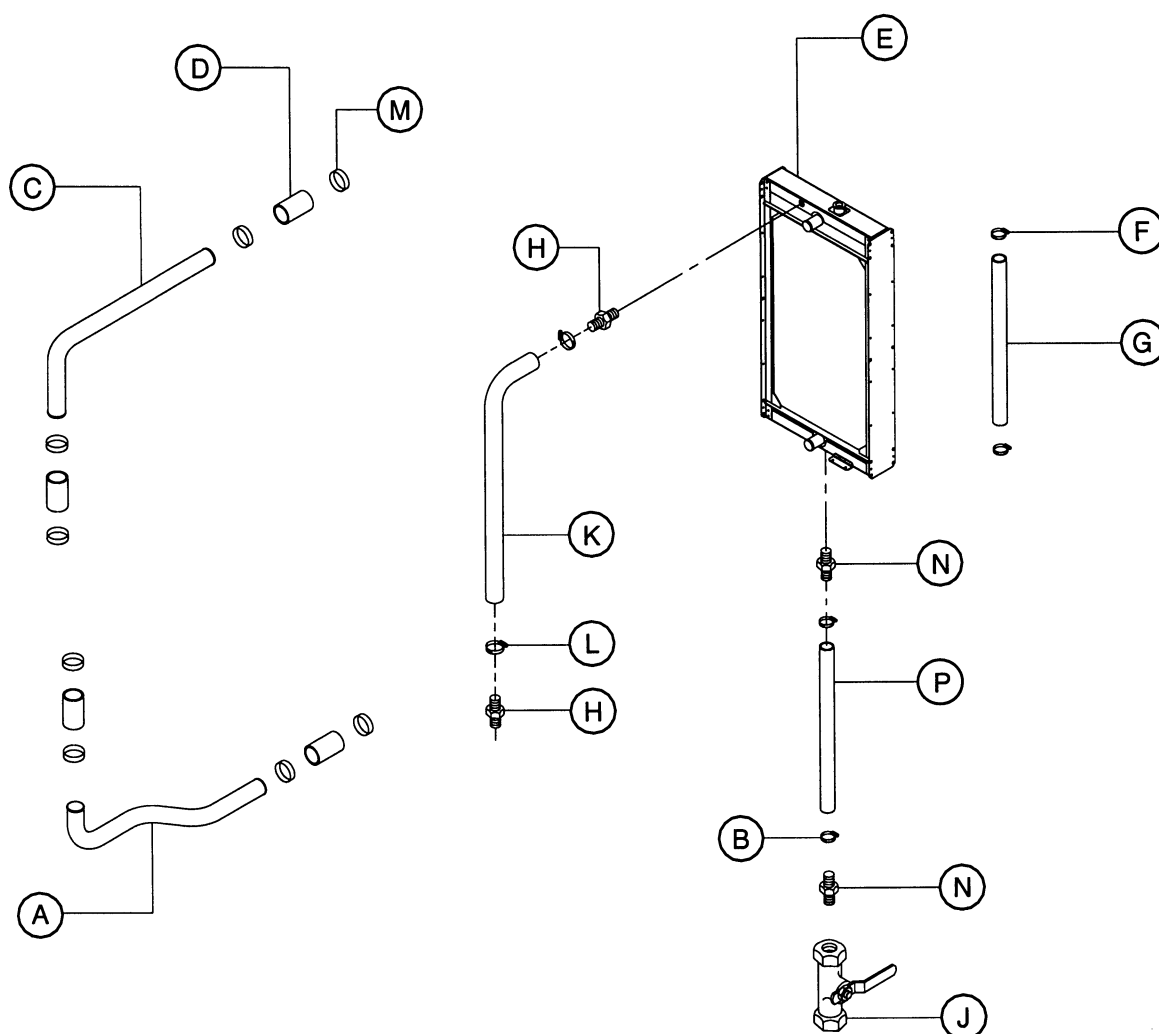
35357052 - ETHER START KIT

RADIATOR AND OIL COOLER



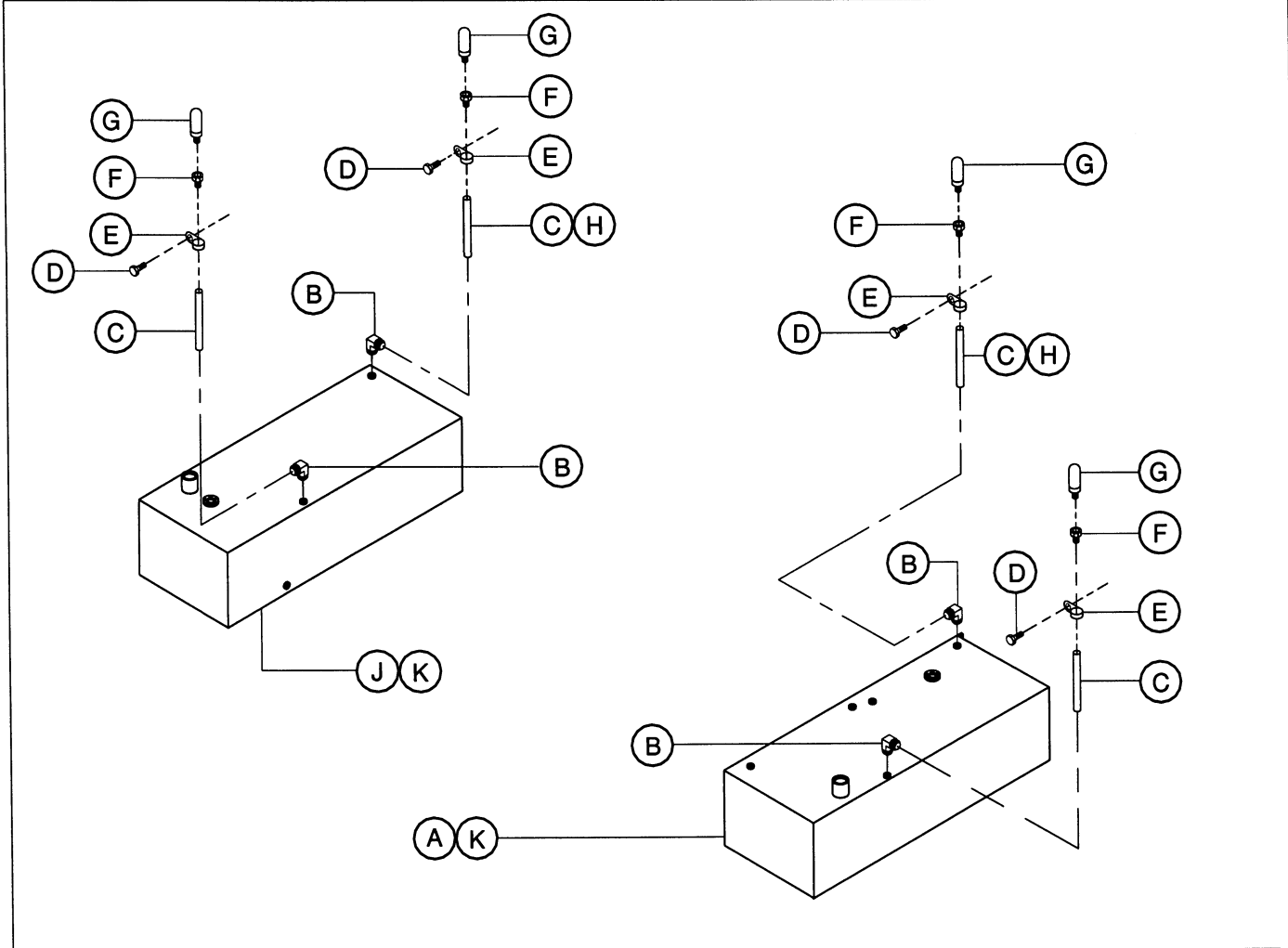
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54774526	1	FAN GUARD ASSEMBLY				
B	54661426	4	PLATE , COVER				
C	54661459	2	BRACKET				
D	54507470	1	ORIFICE , L.H. FAN				
E	54507488	1	ORIFICE , R.H. FAN				
F	54507454	1	SUPPORT , R.H. SHROUD				
G	54507447	1	SUPPORT , BOTTOM SHROUD				
H	54507462	1	SUPPORT , L.H. SHROUD				
J	54521422	1	SUPPORT , L.H. REAR SHROUD				
K	54507439	1	SUPPORT , TOP SHROUD				
L	54521430	1	SUPPORT , R.H. REAR SHROUD				
M	54521448	1	SUPPORT , TOP REAR SHROUD				
N	54501846	1	COOLER , CHARGE AIR				
P	54501838	1	RADIATOR				
Q	54627161	2	COOLER , OIL				
35368216 - FOAM (ON BAFFLE TO SEAL AT RADIATOR)							

RADIATOR PIPING



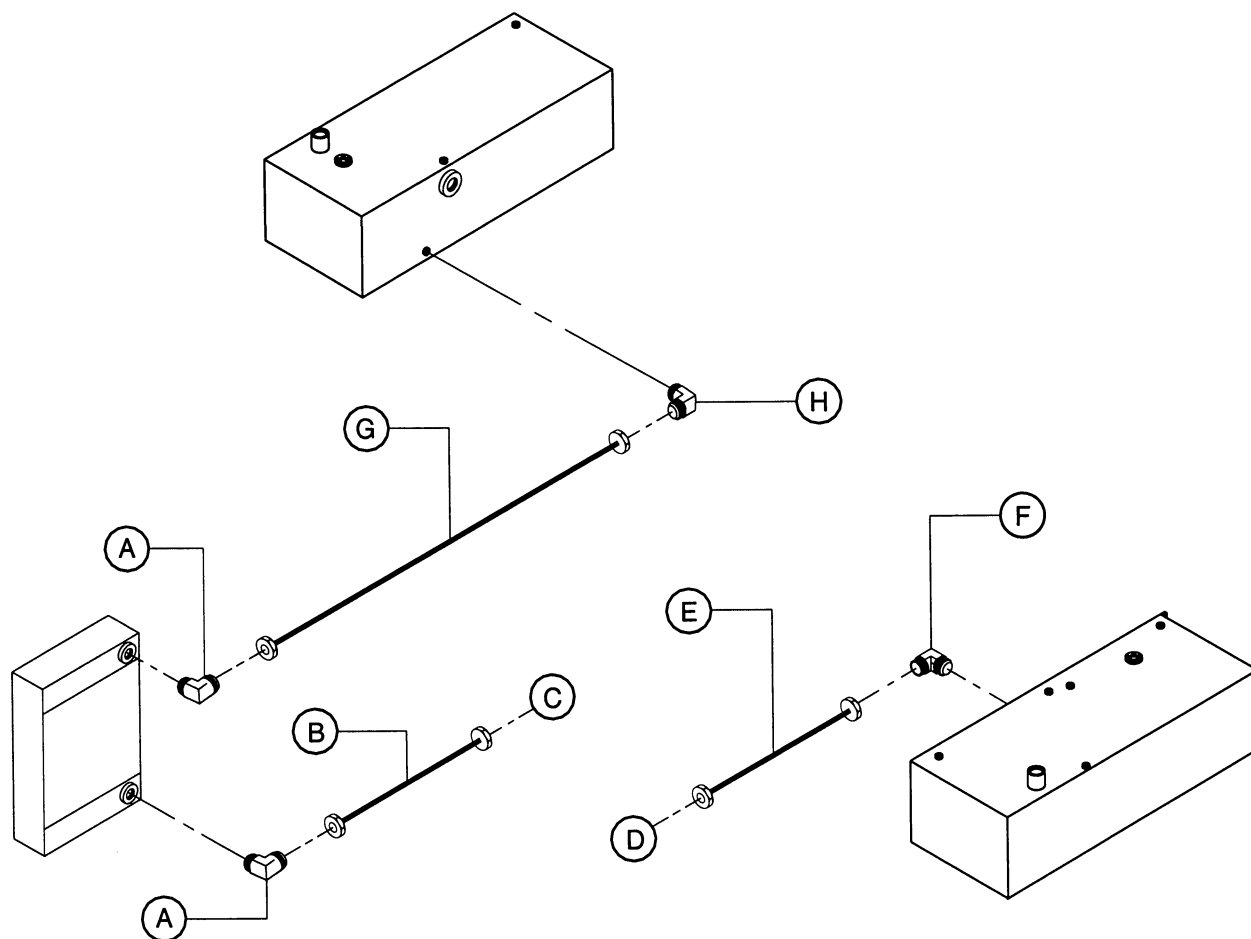
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54637996	1	TUBE , LOWER RADIATOR				
B	95220844	2	CLAMP				
C	54638101	1	TUBE , UPPER RADIATOR				
D	35330570	4	HOSE , CONNECTOR				
E	54501838	1	RADIATOR				
F	95235131	2	CLAMP				
G	35135458	1	HOSE , BY-PASS (55 INCHES)				
H	43212216	1	ADAPTER				
J	35576115	1	VALVE , BALL				
K	35285600	1	HOSE , VENT (52 INCHES)				
L	95264776	2	CLAMP				
M	35222017	8	CLAMP				
N	35366665	1	ELBOW				
P	35326578	1	HOSE , DRAIN (115 INCHES)				
	54474572	1	SWITCH , LEVEL				

FUEL TANK VENT PIPING



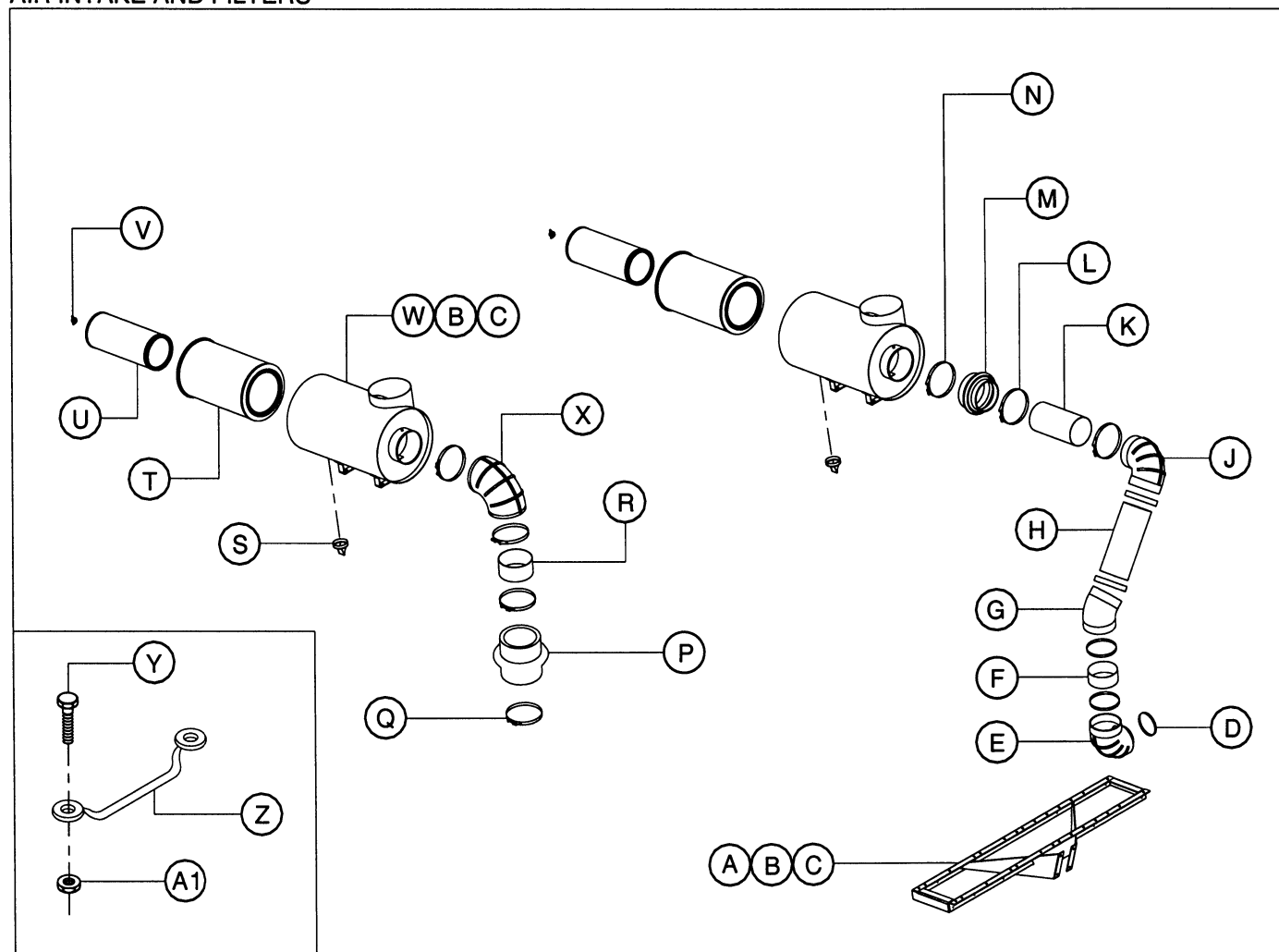
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54594098	1	TANK , R.H. FUEL				
B	35369354	1	ELBOW				
C	35356484	1	TUBING (23 INCHES)				
D	92368687	1	SCREW				
E	35253038	1	CLAMP				
F	35369339	1	REDUCER				
G	35322395	1	BREATHER				
H	35356484	1	TUBING (40 INCHES HSRG)				
J	54594080	1	TANK , L.H. FUEL				
K	35279025	12	SCREW				

FUEL PIPING



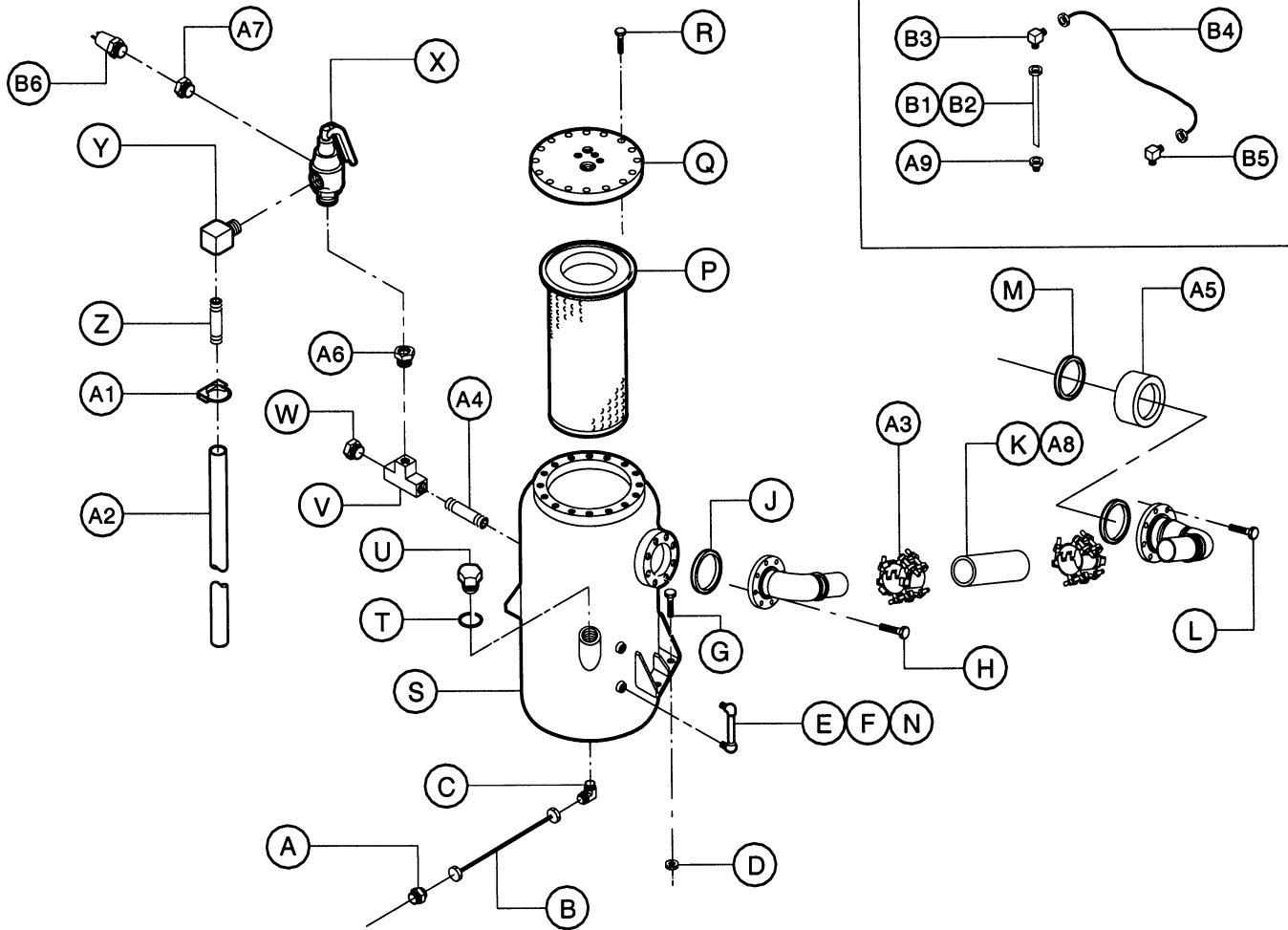
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35279801	1	ELBOW				
B	35305499	1	HOSE ASSEMBLY				
C			OUT OF FUEL PUMP ON ENGINE				
D			INTO FUEL PUMP ON ENGINE				
E	35136548	1	HOSE ASSEMBLY (HSRG) CUMMINS				
	35286921	1	HOSE ASSEMBLY (HSRG) CAT				
	35325083	1	HOSE ASSEMBLY (WAGON WHEEL)				
F	35286756	1	ELBOW				
G	22060156	1	HOSE ASSEMBLY (HSRG)				
	22060149	1	HOSE ASSEMBLY (WAGON WHEEL)				
H	35309210	1	ELBOW				
	36845014	1	CAP , FUEL TANK				
	54672811	1	SENDER , FUEL LEVEL				

AIR INTAKE AND FILTERS



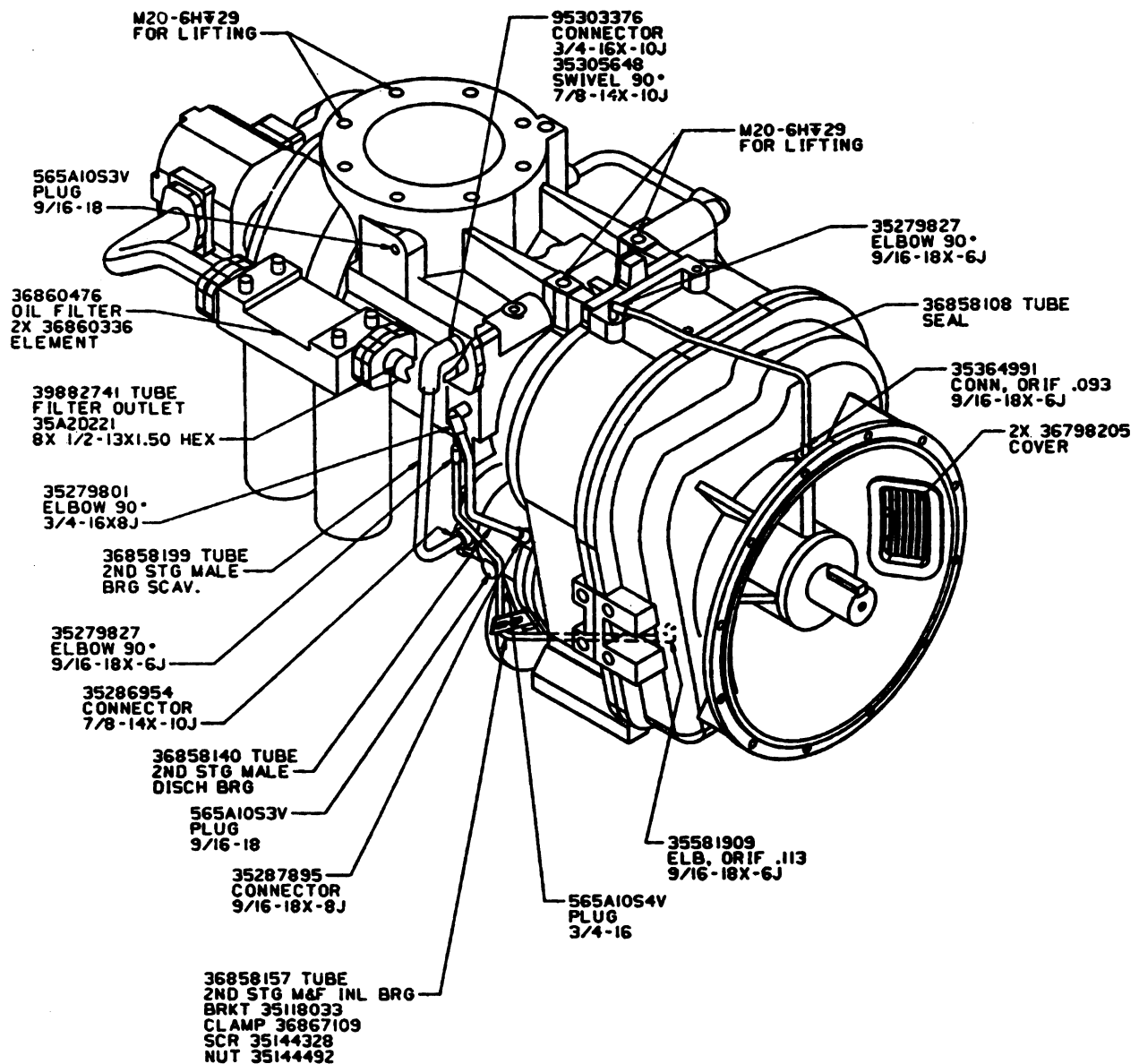
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36755163	1	BRACKET , AIR CLEANER				
B	36880995	12	SCREW				
C	36879195	12	NUT				
D	35161025	1	CLAMP				
E	54599956	1	ELBOW , RUBBER				
F	35112648	1	TUBE				
G	36758902	1	ELBOW , RUBBER				
H	35123272	1	TUBE				
J	35112630	1	ELBOW , RUBBER				
K	35505866	1	TUBE				
L	35119858	1	CLAMP				
M	35141290	1	HOSE , HUMP				
N	35129071	1	CLAMP				
P	35120260	1	HOSE , HUMP				
Q	35129071	4	CLAMP				
R	36864726	1	TUBE				
S	36867778	2	EVACUATOR				
T	36864361	2	ELEMENT , PRIMARY				
U	36864379	2	ELEMENT , SAFETY				
V	35388982	2	NUT , WING				
W	36864346	2	AIR CLEANER ASSEMBLY				
X	35120211	1	ELBOW , RUBBER				
Y	36889608	2	SCREW				
Z	35130707	1	HANDLE				
A1	36881886	2	NUT				
	36847838	2	SWITCH , AIR FILTER				

SEPARATOR TANK ASSEMBLY

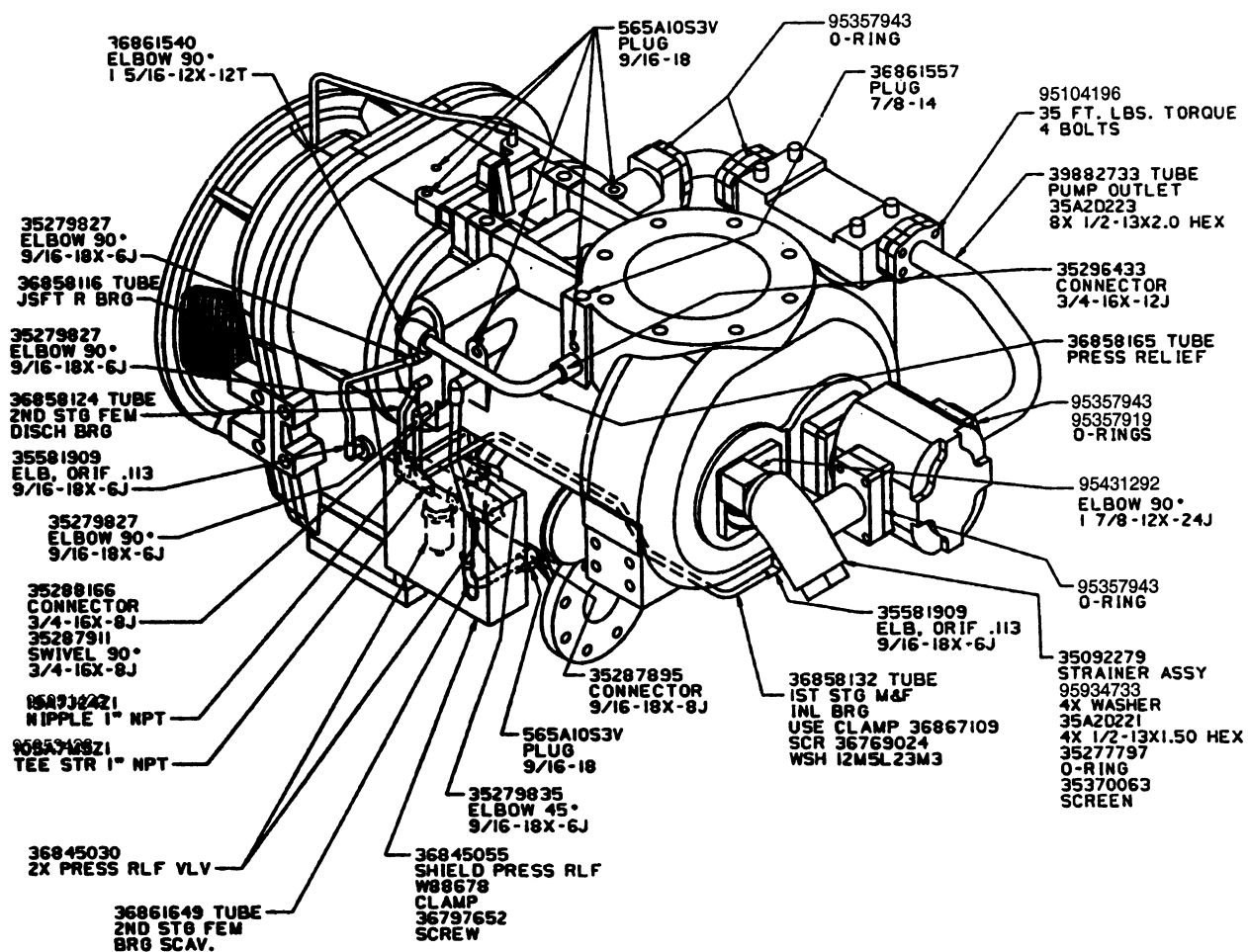


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95219747	1	CONNECTOR	A3	36883585	2	CLAMP
B	36878254	1	HOSE ASSEMBLY	A4	95928040	1	NIPPLE
C	35294750	1	ELBOW	A5	36843720	1	VALVE , CHECK
D	36879203	2	NUT	A6	95952248	1	BUSHING
E	22068837	1	GLASS , SIGHT	A7	95930301	1	BUSHING
F	36860468	2	ELBOW	A8	22163729	1	HOSE ASSEMBLY
G	36889608	2	SCREW	A9	35329309	1	FITTING , TUBE
H	95934386	8	SCREW	B1	35593201	1	TUBE , SCAVENGE
J	95225116	1	GASKET	B2	37081528	1	ORIFICE , .063
K	54634829	1	DISCHARGE HOSE ASSEMBLY	B3	35283464	1	ELBOW
L	96705504	4	SCREW	B4	35322494	1	HOSE ASSEMBLY
M	95225116	1	GASKET	B5	95365094	1	ELBOW (TO AIR END)
N	35324649	2	GASKET	B6	36757581	1	SWITCH , PRESSURE
P	36762250	1	ELEMENT , SEPARATOR		36841138	1	SWITCH , TEMP. (IN DISCH. PIPE)
Q	54629159	1	COVER , TANK		36898922	1	PROBE , TEMPERATURE (IN TEE)
R	95934170	16	SCREW				
S	54629134	1	TANK , SEPARATOR				
T	35277797	1	O-RING				
U	35802933	1	PLUG , OIL FILL				
V	95953410	1	TEE				
W	95953949	1	ADAPTER				
X	35596733	1	VALVE , SAFETY				
Y	95944104	1	ELBOW				
Z	36762821	1	NIPPLE				
A1	35261155	1	CLAMP				
A2	54744156	1	PIPE , SAFETY VALVE				

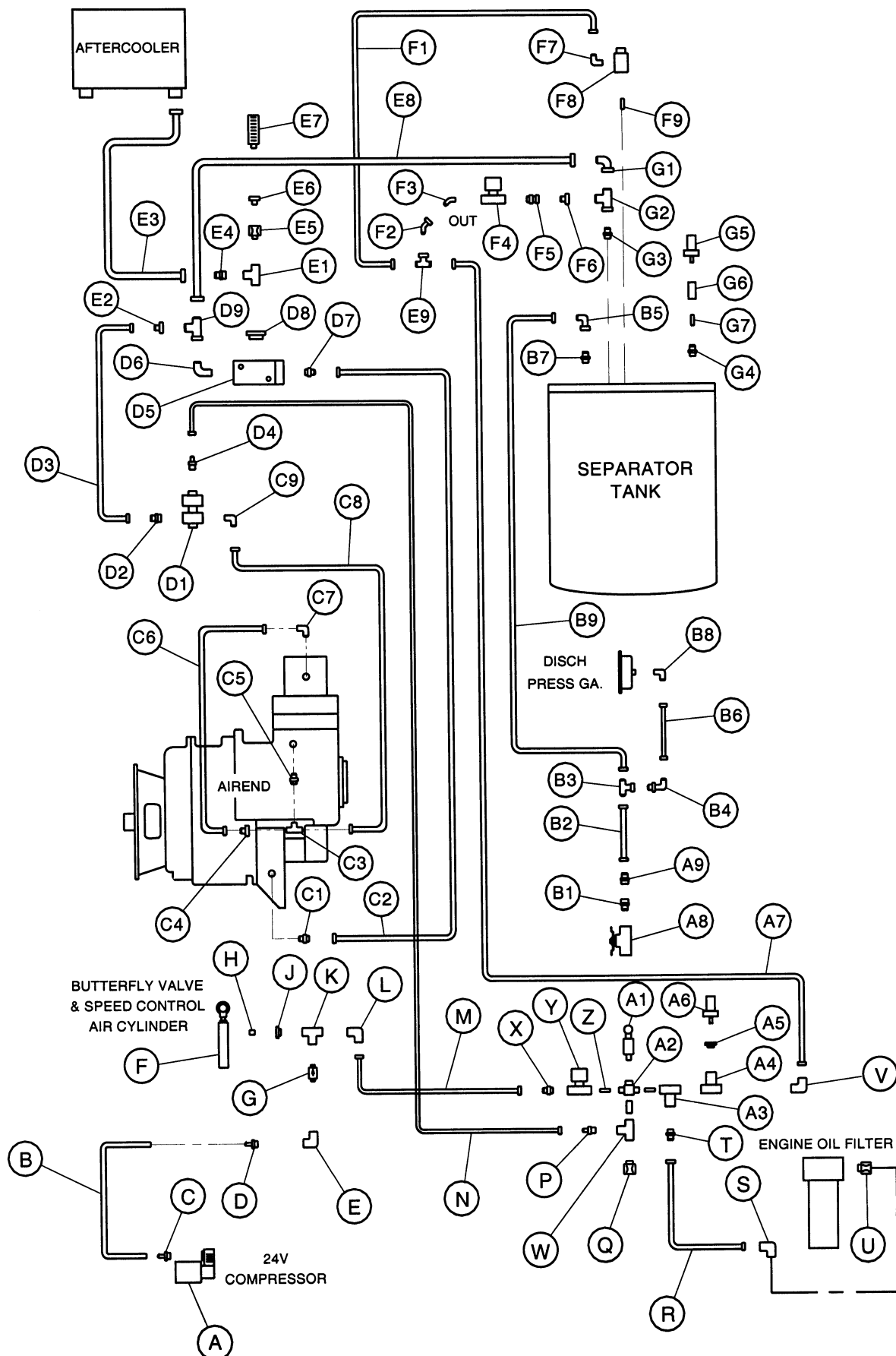
AIR END PIPING



AIR END PIPING



AIR PIPING



(A)	36850691	24V COMPRESSOR	(B2)	35282961	HOSE ASSEMBLY	(E9)	35283092	TEE
(B)	35288034	HOSE ASSEMBLY	(B3)	35283092	TEE	(F1)	35282946	HOSE ASSEMBLY
(C)	95287629	ADAPTER	(B4)	36852499	FITTING , BULKHEAD	(F2)	35283100	ELBOW
(D)	35283472	CONNECTOR	(B5)	35283068	ELBOW	(F3)	35294743	ELBOW
(E)	95954095	ELBOW	(B6)	35282979	HOSE ASSEMBLY	(F4)	36842300	VALVE , SOLENOID
(F)	35584689	CYLINDER , AIR	(B7)	35284082	CONNECTOR		36842573	BRACKET , VALVE
(G)	35248145	VALVE , CHECK	(B8)	35280098	ELBOW	(F5)	35368927	CONNECTOR
(H)	95953493	NIPPLE	(B9)	35294701	HOSE ASSEMBLY	(F6)	35321165	REDUCER
(J)	95930301	BUSHING	(C1)	35296391	CONNECTOR	(F7)	35301126	ELBOW
(K)	35321272	TEE	(C2)	35323724	HOSE ASSEMBLY	(F8)	35315795	VALVE , PRESSURE
(L)	35290253	ELBOW	(C3)	95642484	TEE	(F9)	95944575	NIPPLE
(M)	35322502	HOSE ASSEMBLY	(C4)	35299734	REDUCER	(G1)	35301506	ELBOW
(N)	35282912	HOSE ASSEMBLY	(C5)	35287895	CONNECTOR	(G2)	35287739	TEE
(P)	35283472	CONNECTOR	(C6)	35282904	HOSE ASSEMBLY	(G3)	95219747	ADAPTER
(Q)	35248319	ORIFICE (.094)	(C7)	35283464	ELBOW	(G4)	95930301	BUSHING
(R)	35284538	HOSE ASSEMBLY	(C8)	35295179	HOSE ASSEMBLY	(G5)	54765946	TRANSDUCER
(S)	35279934	ELBOW	(C9)	35309210	ELBOW	(G6)	95010906	COUPLING
(T)	35284082	CONNECTOR	(D1)	35316405	ANTI-RUMBLE VLV.	(G7)	95953493	NIPPLE
(U)	54720719	ADAPTER	(D2)	35286426	CONNECTOR			
(V)	35279934	ELBOW	(D3)	35252782	HOSE ASSEMBLY			
(W)	35321272	TEE	(D4)	35283472	CONNECTOR			
(X)	35284082	CONNECTOR	(D5)	35849215	VALVE , AUTO BLOWDOWN			
(Y)	36842318	VALVE , SOLENOID		36842532	BRACKET , VALVE			
(Z)	36793776	NIPPLE (3 REQD)	(D6)	35294735	ELBOW			
(A1)	35325133	VALVE , SAFETY	(D7)	35290147	CONNECTOR			
(A2)	95954293	CROSS	(D8)	95944633	BUSHING			
(A3)	35322379	VALVE , BLOWDOWN	(D9)	35287739	TEE			
(A4)	35114545	TEE	(E1)	35114545	TEE			
(A5)	95930301	BUSHING	(E2)	35365774	REDUCER			
(A6)	36920825	100 PSI TRANSDUCER	(E3)	35311471	HOSE ASSEMBLY			
(A7)	35311471	HOSE ASSEMBLY	(E4)	35284082	CONNECTOR			
(A8)	35324839	VALVE , BALL	(E5)	35322346	ORIFICE (.156)			
(A9)	35336189	FITTING , BULKHEAD	(E6)	95948501	ADAPTER			
(B1)	35367846	CONNECTOR	(E7)	35132299	SILENCER			
			(E8)	35376110	HOSE ASSEMBLY			

MANUAL NO. — DRAWING NO. DATE / REV:

22063556 25 06/03 C

36731602 BODY

35849116 PISTON

35849108 COVER

35335066 U-SEAL / 1"

35335074 U-SEAL / 2"

95021994 O-RING

35311463 SCREW (4 REQD)

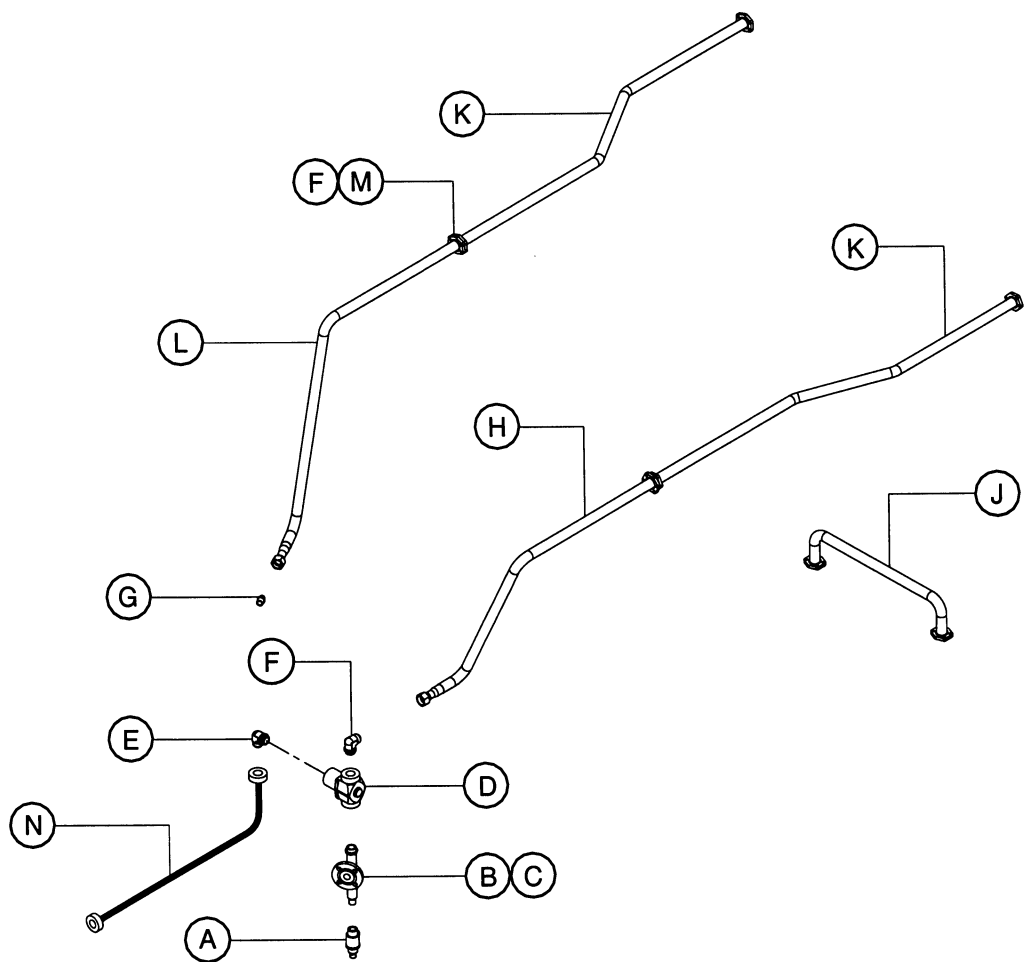
35337070 SCREW

35337088 WASHER

35601749 SPRING

95947149 PLUG (2 REQD)

HR 2.5 OIL PIPING

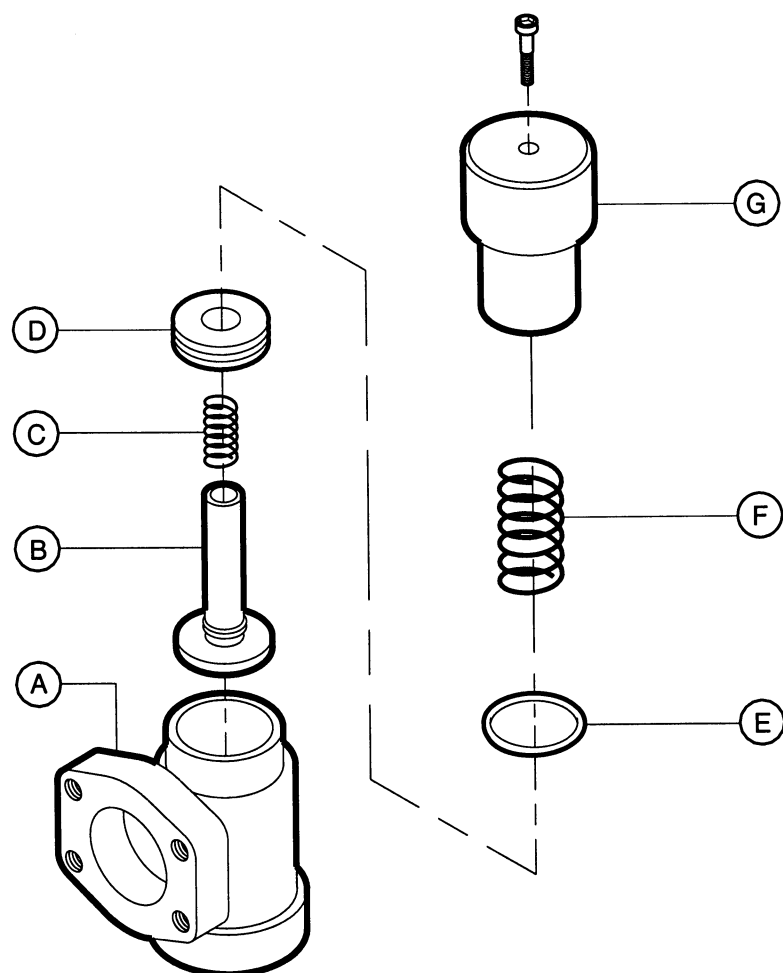


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36885887	1	VALVE , 75 PSI RELIEF				
B	36897155	1	MANIFOLD , OIL				
C	36786580	1	GASKET				
D	36897940	1	VALVE , OIL TEMPERATURE BY-PASS				
	39207402	1	150° F ELEMENT				
E	95431292	1	ELBOW				
F	95357976	4	O-RING				
G	95279329	1	CONNECTOR				
H	54638382	1	TUBE ASSEMBLY				
J	54628185	1	TUBE ASSEMBLY				
K	54628177	1	TUBE ASSEMBLY				
L	54638374	1	TUBE ASSEMBLY				
M	95920708	24	SCREW				
N	35130863	1	HOSE ASSEMBLY				

OIL TEMPERATURE BY-PASS VALVE KIT

39207402	ELEMENT
95000477	O-RING
22201271	SEAL , LIP
22201289	SCREW

MINIMUM PRESSURE CHECK VALVE ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54699731	1	BODY , CHECK VALVE				
B	54699764	1	CHECK VALVE ASSEMBLY				
C	54699749	1	SPRING , CHECK VALVE				
D	54699772	1	PISTON				
E	54699756	1	O-RING				
F	54699798	1	SPRING , MAIN				
G	54699780	1	CAP				

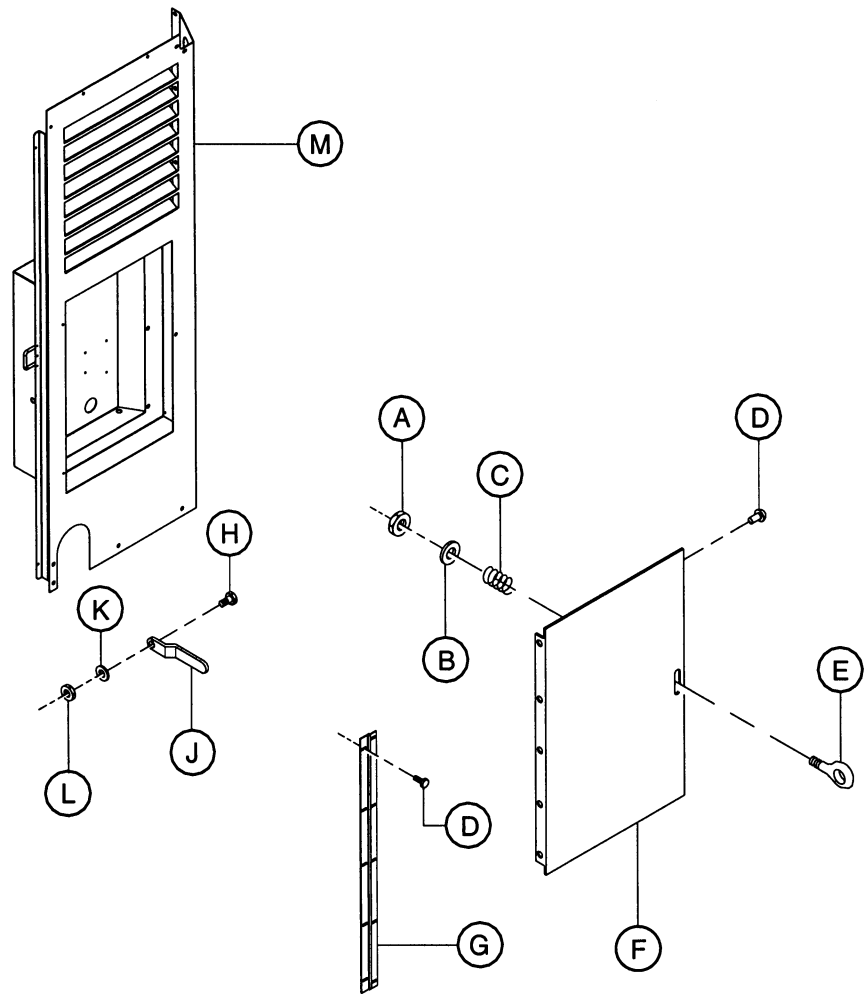
MINIMUM PRESSURE CHECK VALVE ASSEMBLY 54687504

This exploded view diagram illustrates the assembly of a control panel. The components are labeled as follows:

- A, B, D:** Three identical rectangular modules, likely relays or switches, positioned at the bottom.
- C:** A small rectangular component, possibly a terminal block or connector, located between modules B and D.
- E:** A screw used to secure the bottom of the panel.
- F:** A screw used to secure the right side of the panel.
- G:** A large rectangular component with multiple circular indicators, likely a digital display or meter.
- H, K, L, M, N:** Five circular components with internal markings, possibly indicator lights or gauges, arranged in a cluster on the left.
- J:** A cylindrical component, likely a potentiometer or a small motor, located in the center.
- Q:** A large circular component with a dial, likely a main meter or gauge.
- R:** A smaller circular component, possibly a sub-meter or a secondary gauge.
- S:** A rectangular component with a multi-pin connector, likely a terminal block.
- T:** A small cylindrical component, possibly a pin or a small connector.
- U:** A rectangular component with four mounting holes, likely a mounting plate or a cover.
- V:** A screw used to secure the mounting plate U.
- W:** A long vertical component with multiple slots, likely a terminal strip or a connector rail.
- X, Y:** Screws used to secure the terminal strip W.
- P:** The main control panel, which is the central rectangular board containing all the components.

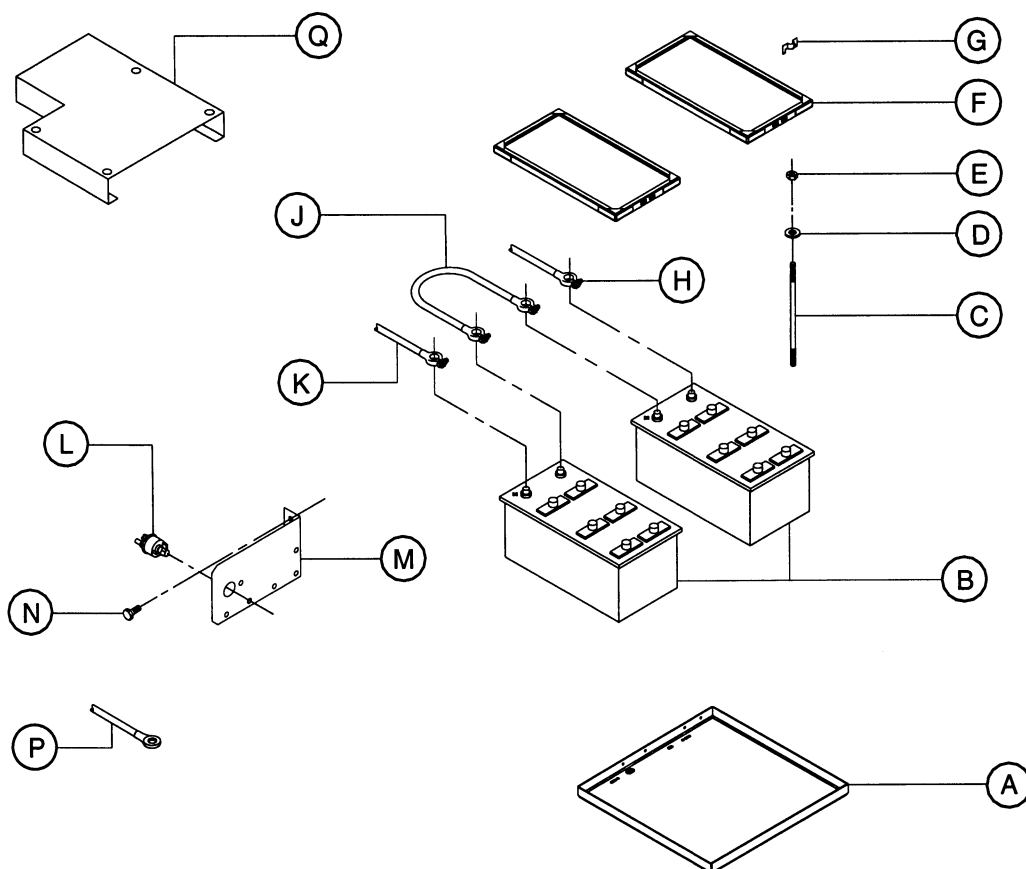
MANUAL NO.—DRAWING NO. DATE / REV:
22063556 28 06/03 B

INSTRUMENT PANEL ASSEMBLY



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95923314	1	NUT				
B	95934998	1	WASHER				
C	35327311	1	SPRING				
D	92368687	7	SCREW				
E	35327303	1	EYEBOLT				
F	36738565	1	DOOR , INSTRUMENT PANEL				
G	36740405	1	HINGE				
H	35357995	1	STUD				
J	35603349	1	HOLDER , DOOR				
K	95935037	1	WASHER				
L	35273366	1	NUT				
M	22055743	1	PANEL , VERTICAL (STANDARD UNITS)				
	54744479	1	PANEL , VERTICAL (IQ UNITS)				

BATTERY & MOUNTING

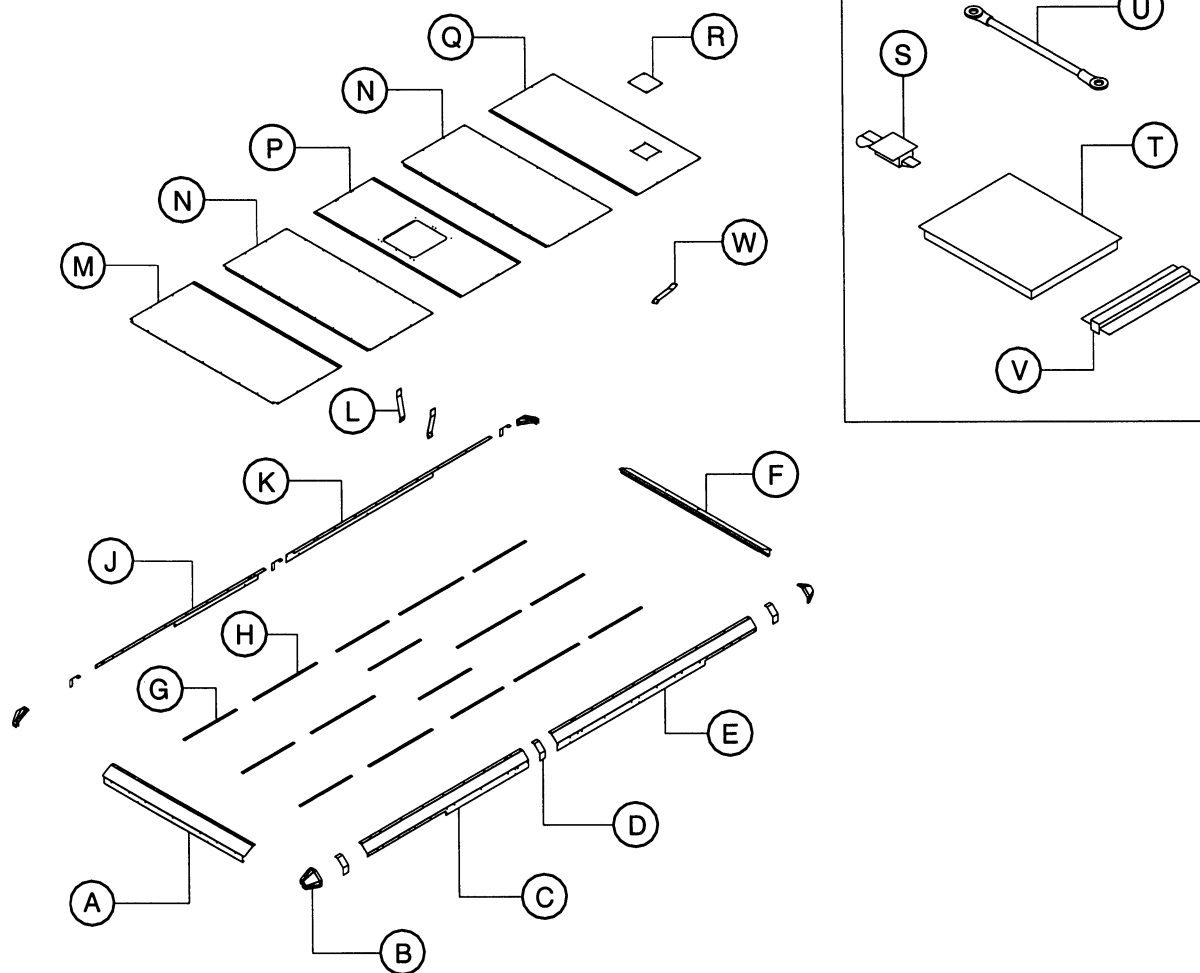


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36870350	1	TRAY , BATTERY				
B	35225788	2	BATTERY				
C	54715479	4	STUD				
D	95935037	8	WASHER				
E	35145077	8	NUT				
F	35562156	2	FRAME				
G	35108216	4	CLIP				
H	36780609	1	CABLE , NEGATIVE				
J	35128982	1	CABLE , JUMPER				
K	54765375	1	CABLE , POSITIVE				
L	36896975	1	SWITCH , MASTER CUT-OFF				
M	54737400	1	BRACKET , SWITCH				
N	35279025	2	SCREW				
P	54765383	1	CABLE , MASTER SWITCH				
Q	54706825	1	COVER , BATTERY				
	35578194	1	GROUND STRAP FROM STARTER -14"				
	35293075	1	GROUND STRAP TO RH OF ENGINE - 10"				

The diagram illustrates the assembly of a front panel. The top section shows components A (a small bracket), B (a long screw), C (a rectangular panel with a handle), D (a rectangular panel with a handle), E (a rectangular panel), and F (a small bracket). The bottom section shows components G (a rectangular panel with a handle), H (a rectangular panel), I (a rectangular panel), J (a rectangular panel), K (a rectangular panel), L (a rectangular panel), M (a rectangular panel), N (a rectangular panel), O (a rectangular panel), P (a rectangular panel), Q (a rectangular panel), R (a rectangular panel), S (a rectangular panel), and T (a rectangular panel). A small inset shows components S and Q.

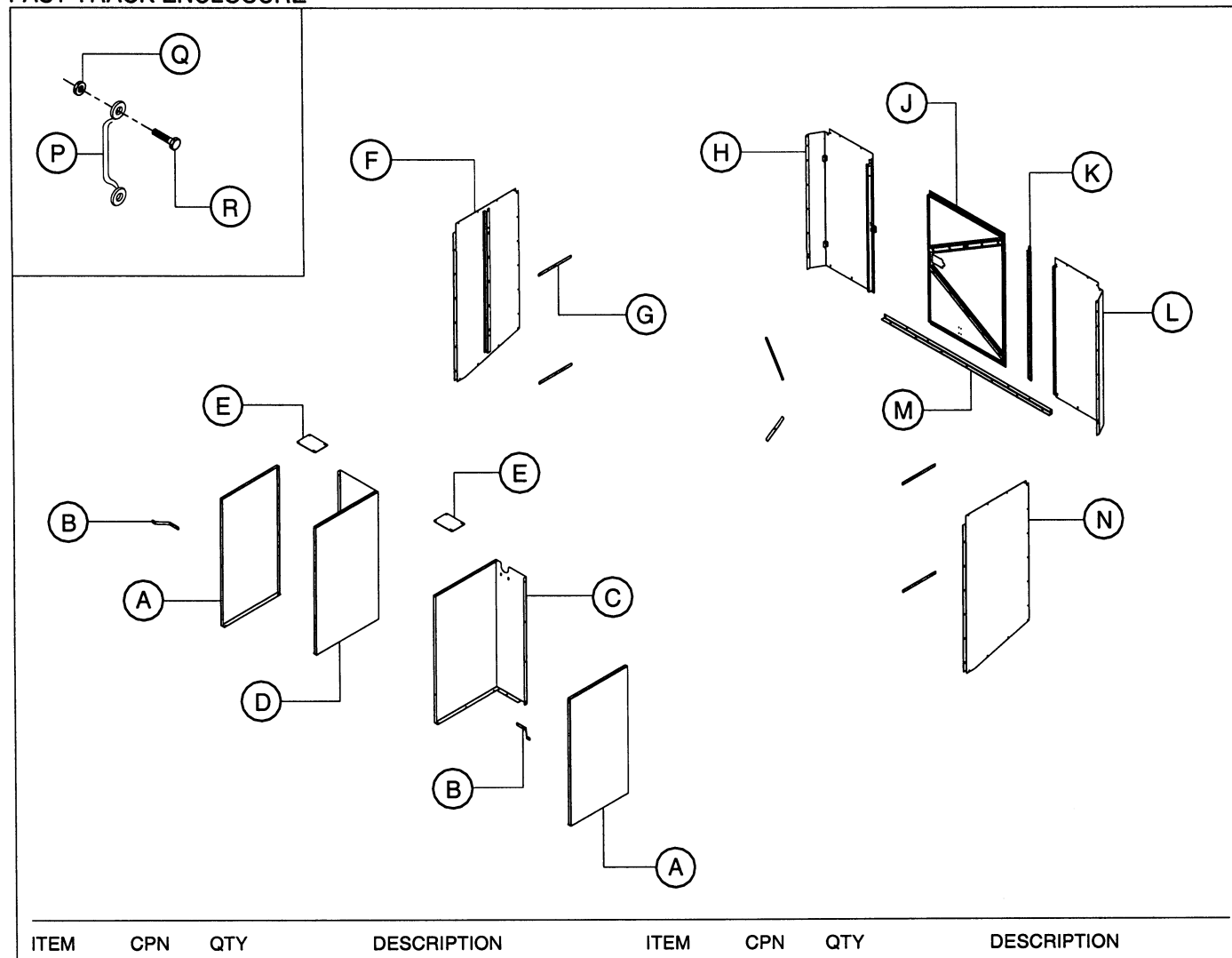
MANUAL NO.—DRAWING NO. DATE / REV:
22063556 31 06/03 C

TOP ENCLOSURE ASSEMBLY



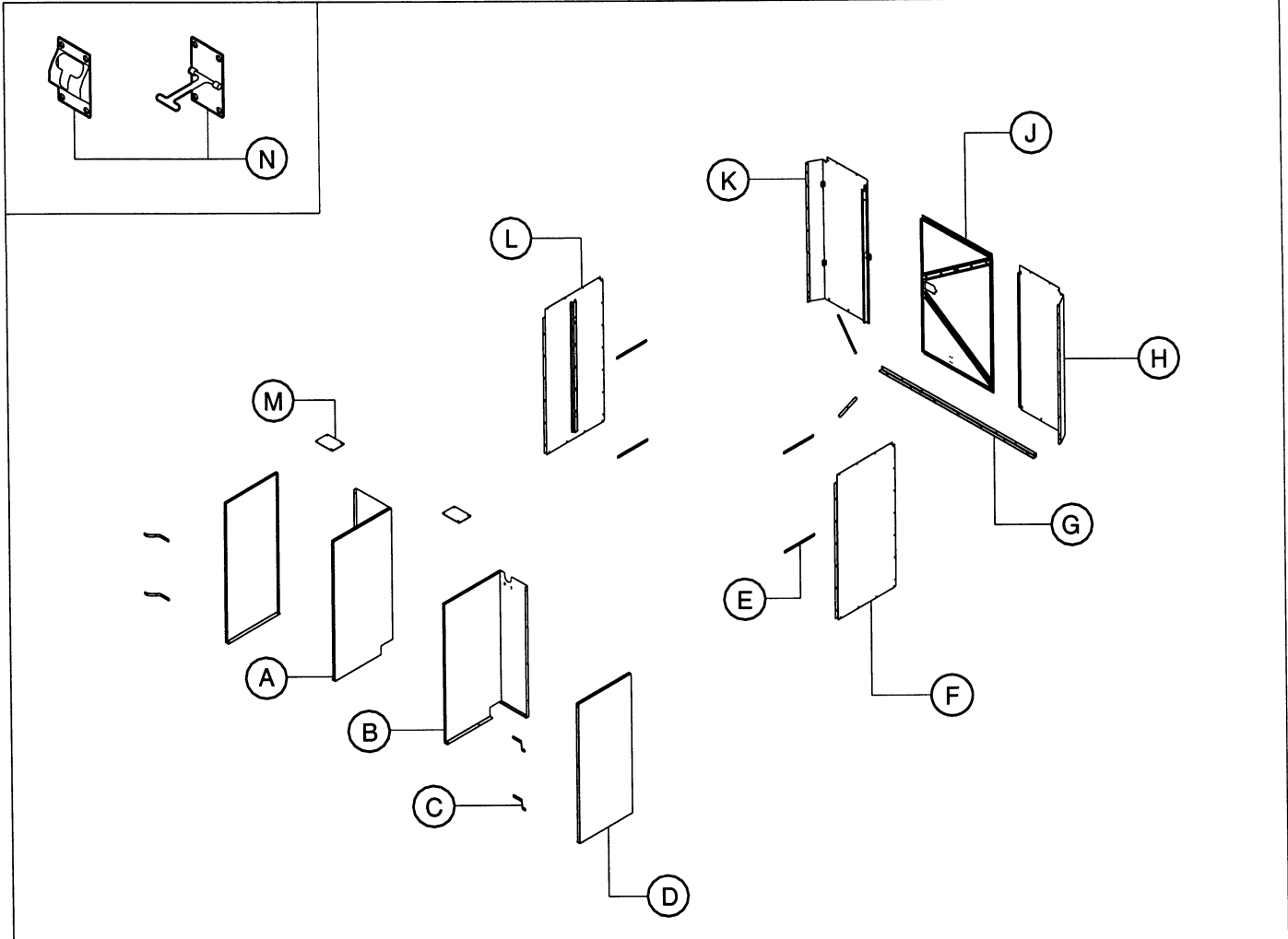
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54576970	1	CAP , FRONT END				
B	36755981	4	CAP , CORNER				
C	54690110	1	CAP , L.H. FRONT SIDE				
D	36755742	6	BRACKET , FILLER				
E	54690128	1	CAP , L.H. REAR SIDE				
F	54584784	1	CAP , REAR END				
G	54747316	8	BRACE , TOP FOAM				
H	54747324	8	BRACE , TOP FOAM				
J	54663224	1	CAP , R.H. FRONT TOP				
K	54663232	1	CAP , R.H. REAR TOP				
L	54700091	2	BRACE , CENTER ROOF				
M	54599915	1	PANEL , FRONT TOP				
N	54599923	1	PANEL , 2ND AND 4TH TOP				
P	54599931	1	PANEL , CENTER TOP				
Q	54599949	1	PANEL , REAR TOP				
R	54690136	1	PLATE , RADIATOR FILL				
S	35131051	1	LATCH , DOOR				
	36864338	1	LATCH , STRIKER				
T	36864403	1	DOOR , ROOF				
	36774495	1	SEAL				
U	36864304	1	CABLE				
V	36864288	1	HINGE , DOOR				
W	36887933	1	BRACKET , ROOF				

FAST TRACK ENCLOSURE



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54640982	1	BAFFLE , L.H. OUTSIDE	NOTE: ALL OTHER ENCLOSURE PARTS ARE SHOWN ON COMMON ENCLOSURE DRAWING.			
B	54641022	1	STRIP , SUPPORT				
C	54640966	1	BAFFLE , L.H. INSIDE				
	22055479	1	BAFFLE , L.H. INSIDE (IQ UNITS)				
D	54640974	1	BAFFLE , R.H. INSIDE				
	22055487	1	BAFFLE , R.H. INSIDE (IQ UNITS)				
E	54641006	1	PLATE , TIE				
F	54672761	1	PANEL , R.H. REAR				
G	54718184	6	STRIP , FOAM RETENTION				
H	54663299	1	PANEL , R.H. REAR CORNER				
J	54672779	1	DOOR , REAR				
	36793602	1	LATCH , DOOR SLAM				
K	54692744	1	HINGE				
L	54663281	1	PANEL , L.H. REAR CORNER				
M	54576921	1	STRIP , PANEL SUPPORT				
N	54672753	1	PANEL , L.H. REAR SIDE				
P	35130707	1	HOLD , HAND				
Q	36881886	2	NUT				
R	36889608	2	SCREW				

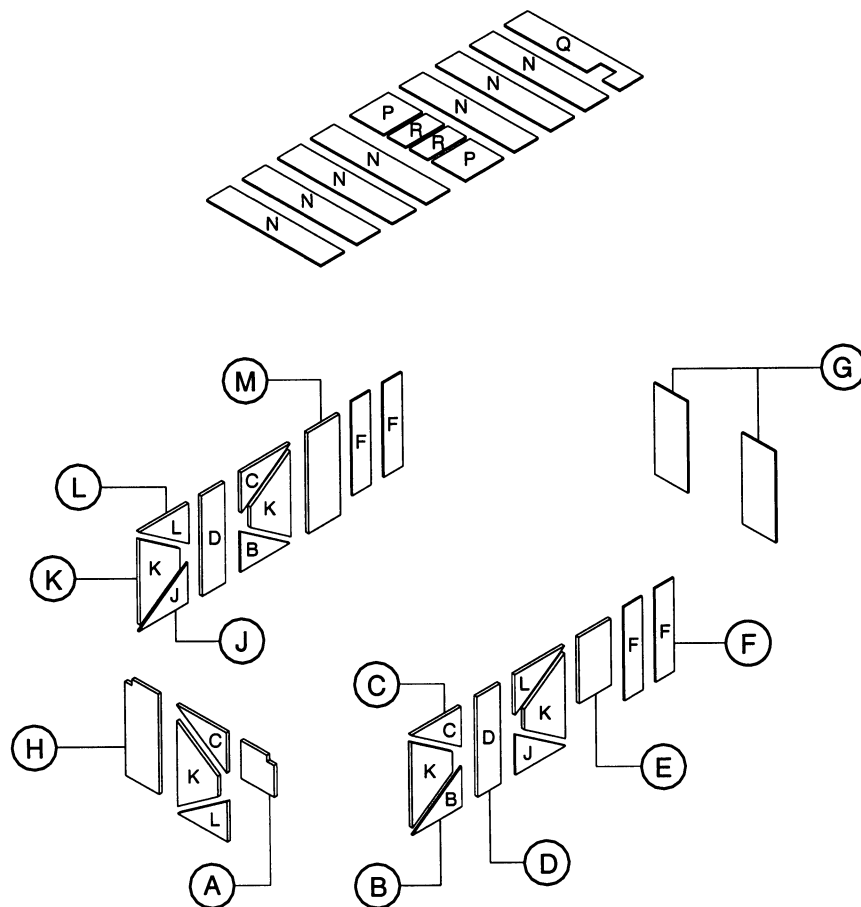
WAGON WHEEL ENCLOSURE



ITEM	CPN	QTY	DESCRIPTION
A	54688239	1	BAFFLE , R.H.
	22055503	1	BAFFLE , R.H. (IQ UNITS)
B	54688221	1	BAFFLE , L.H.
	22055495	1	BAFFLE , L.H. (IQ UNITS)
C	54641022	4	SUPPORT , BAFFLE
D	54688247	2	BAFFLE , OUTSIDE
E	54718184	6	STRAP , FOAM
F	54663265	1	PANEL , L.H. REAR SIDE
G	54576921	1	ANGLE , REAR MOUNTING
H	54576954	1	PANEL , L.H. REAR
J	36863363	1	DOOR , REAR
	36793602	1	LATCH , SLAM
	36863413	1	HINGE
K	54576962	1	PANEL , R.H. REAR
L	54663273	1	PANEL , R.H. SIDE
M	54641006	2	PLATE , TIE
N	36849925	1	HOLDER , DOOR

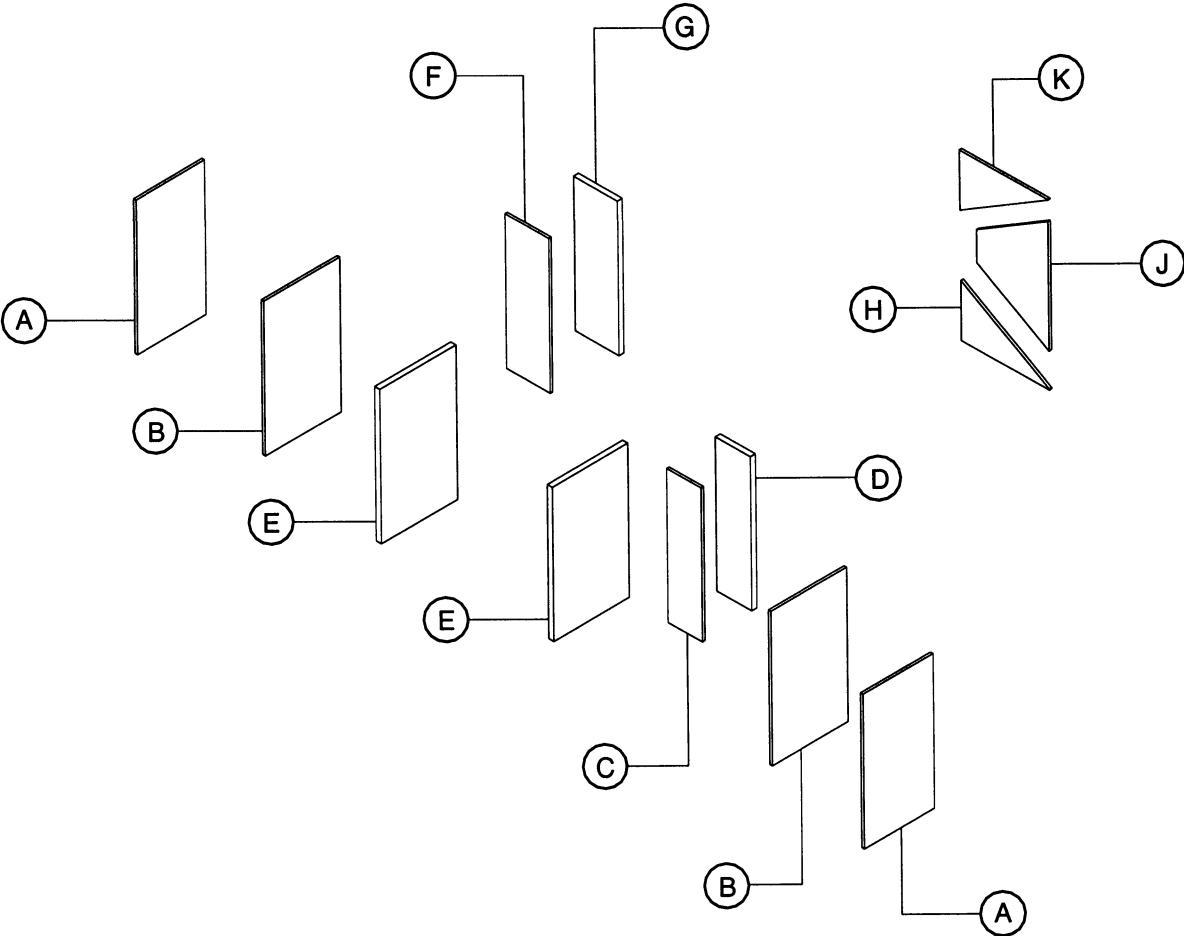
NOTE: ALL OTHER ENCLOSURE PARTS ARE SHOWN
ON COMMON ENCLOSURE DRAWING.

COMMON FOAM



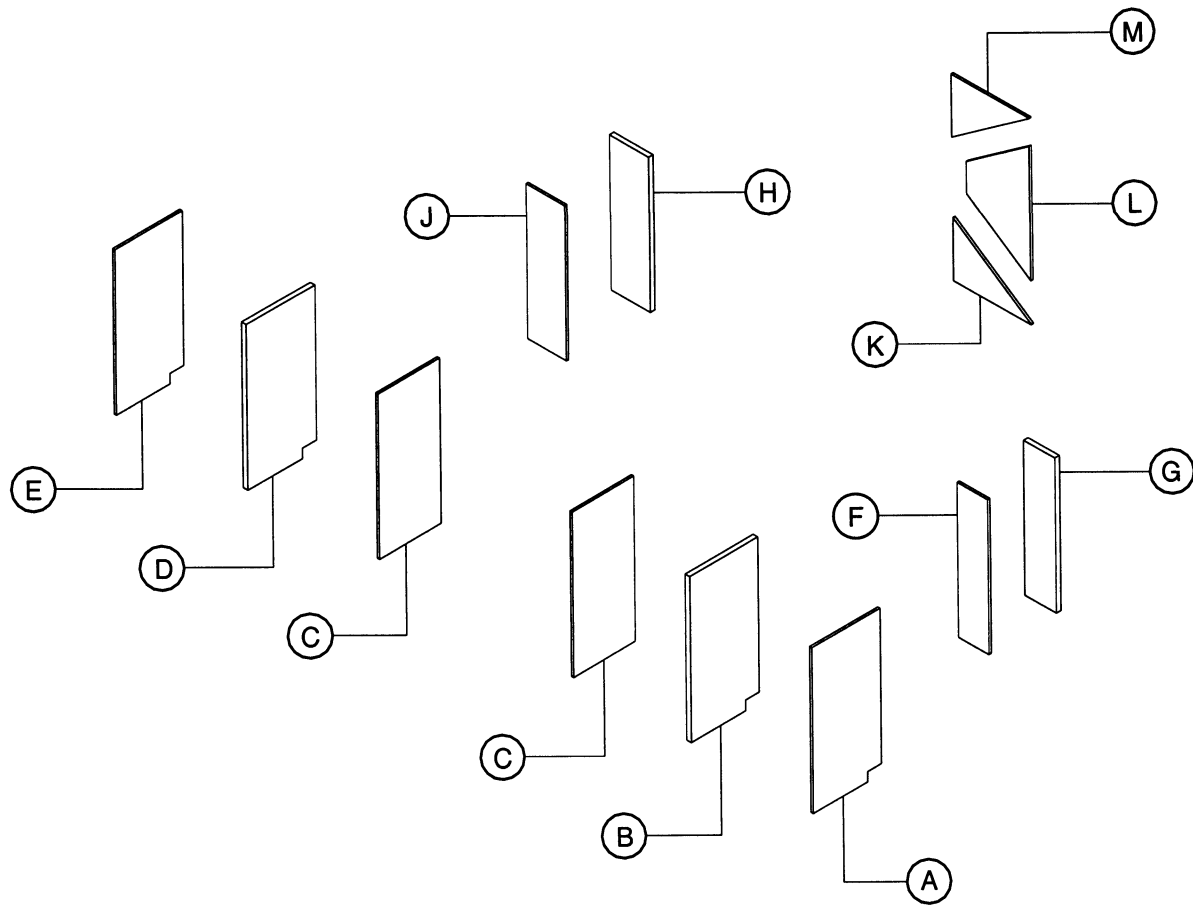
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54721204	1	FOAM , L.H. FRONT TOP				
B	54719703	2	FOAM , DOOR				
C	54719711	3	FOAM , DOOR				
D	54719646	2	FOAM , CENTER PANEL				
E	54719695	1	FOAM , L.H. SIDE				
F	54759519	4	FOAM , R.H. / L.H. REAR SIDE				
G	54759527	2	FOAM , REAR				
H	54721675	1	FOAM , R.H. FRONT				
J	54720065	2	FOAM , DOOR				
K	54719661	5	FOAM , CENTER DOOR				
L	54720057	3	FOAM , DOOR				
M	54719653	1	FOAM , R.H. REAR SIDE				
N	54699046	7	FOAM , TOP				
P	54699087	2	FOAM , CENTER TOP				
Q	54710041	1	FOAM , REAR TOP				
R	36864437	1	FOAM , TOP DOOR				

HIGH SPEED RUNNING GEAR FOAM



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54675848	1	FOAM , SPLITTER BAFFLE				
B	54675830	1	FOAM , SPLITTER BAFFLE				
C	54675822	1	FOAM , L.H. BAFFLE				
D	54675806	1	FOAM , L.H. BAFFLE				
E	54675814	1	FOAM , L.H.				
F	54685334	1	FOAM , R.H.				
G	54685326	1	FOAM , R.H.				
H	54759550	1	FOAM , BOTTOM DOOR				
J	54759543	1	FOAM , CENTER DOOR				
K	54759535	1	FOAM , TOP DOOR				
	22087514	1	FOAM , R.H. FRONT VERTICAL CORNER (IQ UNITS)				

WAGON WHEEL FOAM



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54691134	1	FOAM , L.H. SPLITTER BAFFLE				
B	54691175	1	FOAM , L.H. SPLITTER BAFFLE				
C	54691118	1	FOAM , SPLITTER BAFFLE				
D	54691191	1	FOAM , R.H. SPLITTER BAFFLE				
E	54691159	1	FOAM , R.H. SPLITTER BAFFLE				
F	54691126	1	FOAM , L.H. BAFFLE				
G	54691167	1	FOAM , L.H. BAFFLE				
H	54691183	1	FOAM , R.H. BAFFLE				
J	54691142	1	FOAM , R.H. BAFFLE				
K	54670459	1	FOAM , BOTTOM DOOR				
L	54760442	1	FOAM , MIDDLE DOOR				
M	54760434	1	FOAM , TOP DOOR				
	22087514	1	FOAM , R.H. FRONT VERTICAL CORNER (IQ UNITS)				

VIKING ELECTRICAL COMPONENTS

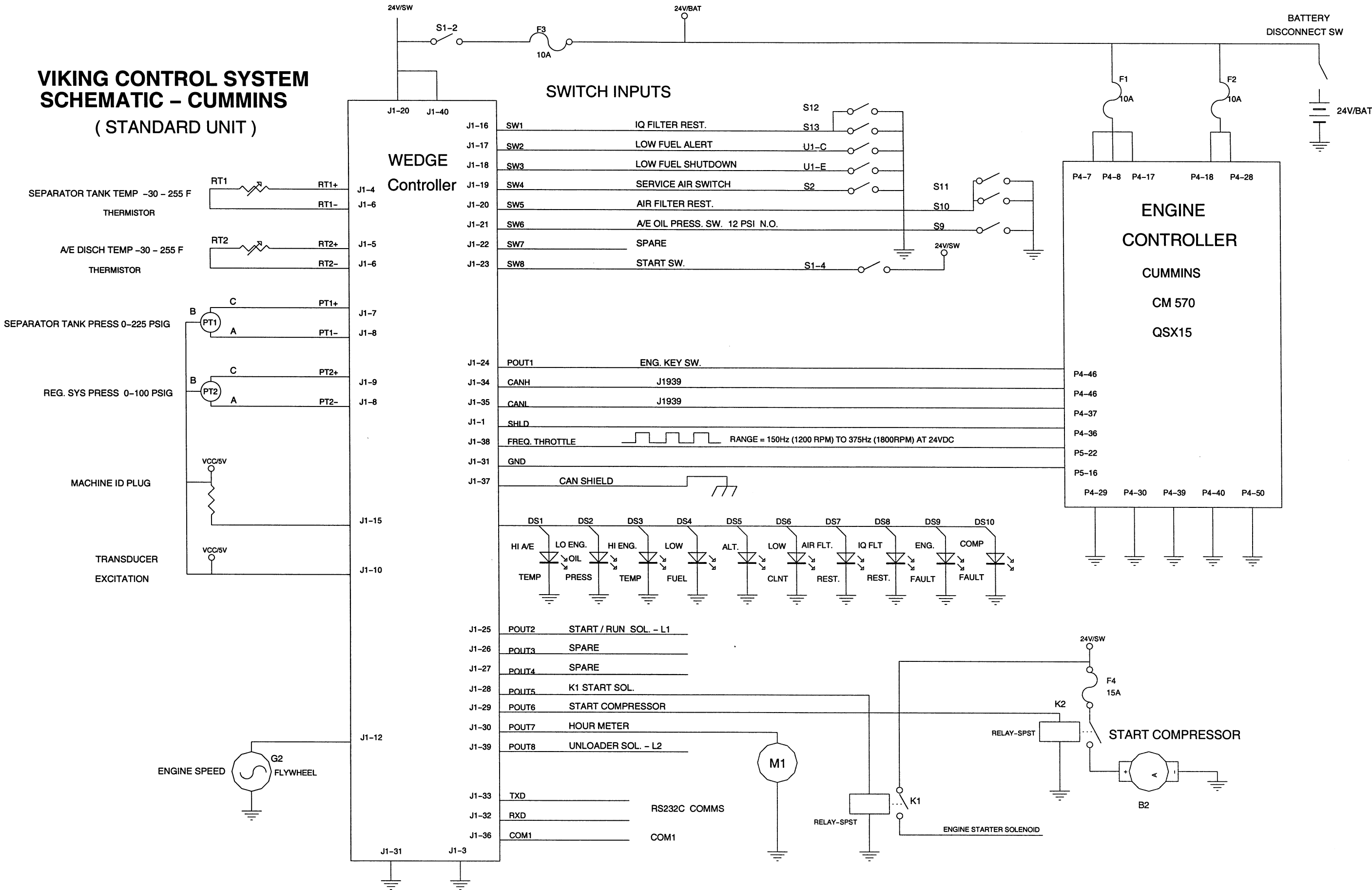
PART NO.	QTY	DESCRIPTION	PART NO.	QTY	DESCRIPTION
54757224	1	IQ WIRING HARNESS	35577873	1	AUXILARY START RELAY
54474572	1	COOLANT LEVEL SWITCH	54720701	1	ENG. TEMP. SENDER ADAPTOR
36896975	1	BATTERY DISCONNECT SWITCH	36841526	1	CONTROL ORIFICE HEATER
36920825	1	0-100 PSI PRESSURE TRANSDUCER	✖✖36864677	1	REGULATOR HEATER
✖54765946	1	0-500 PSI PRESSURE TRANSDUCER	54765367	1	NEGATIVE BATTERY CABLE
36892362	1	24V SEALED RELAY	54765375	1	POSITIVE BATTERY CABLE
36785319	1	MAG SPEED SENSOR	54765383	1	POSITIVE JUMPER BATTERY CABLE
36898922	2	THERMISTOR TEMPERATURE PROBE	35128982	1	BATTERY JUMPER
✖36842300	1	START / RUN SOLENOID	35578194	1	FRAME GROUND STRAP
✖36842318	1	COMPRESSOR SOLENOID	35293075	1	ENGINE GROUND STRAP
✖✖36840841	2	SOLENOID VALVE	54672803	1	FUEL LEVEL SENDER (WAGON WHEEL)
36847838	2	AIR FILTER SWITCH	54672811	1	FUEL LEVEL SENDER (HIGH SPEED)
36870608	1	ENGINE OIL PRESSURE SENDER	54688411	1	WEDGE CONTROLLER
36841138	2	ENG. & COMP. TEMP SENDER	54654918	1	W1 CHASSIS HARNESS
✖✖36757581	1	COMP. OIL PRESSURE SWITCH	✖54765953	1	ADDRESS PLUG
36850691	1	START-UP COMPRESSOR	✖✖54765649	1	ADDRESS PLUG
✖✖54496773	1	0-225 PSI PRESS. TRANSDUCER	✖36841526	1	REGULATOR-HEATER
36792083	2	FUSE 20 AMP BLADE	22159180	1	S14 UPGRADE KIT
22071591	2	FUSE 10 AMP BLADE	35577873	1	MAG. SWITCH
35376169	4	DIODE			

IQ OPTION

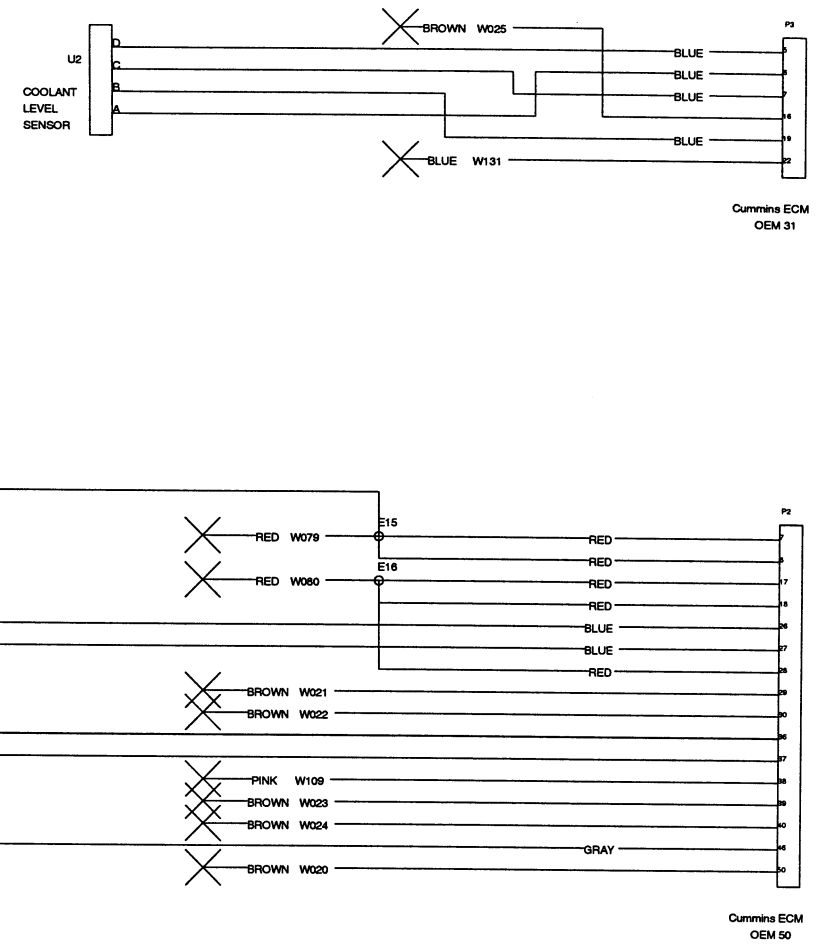
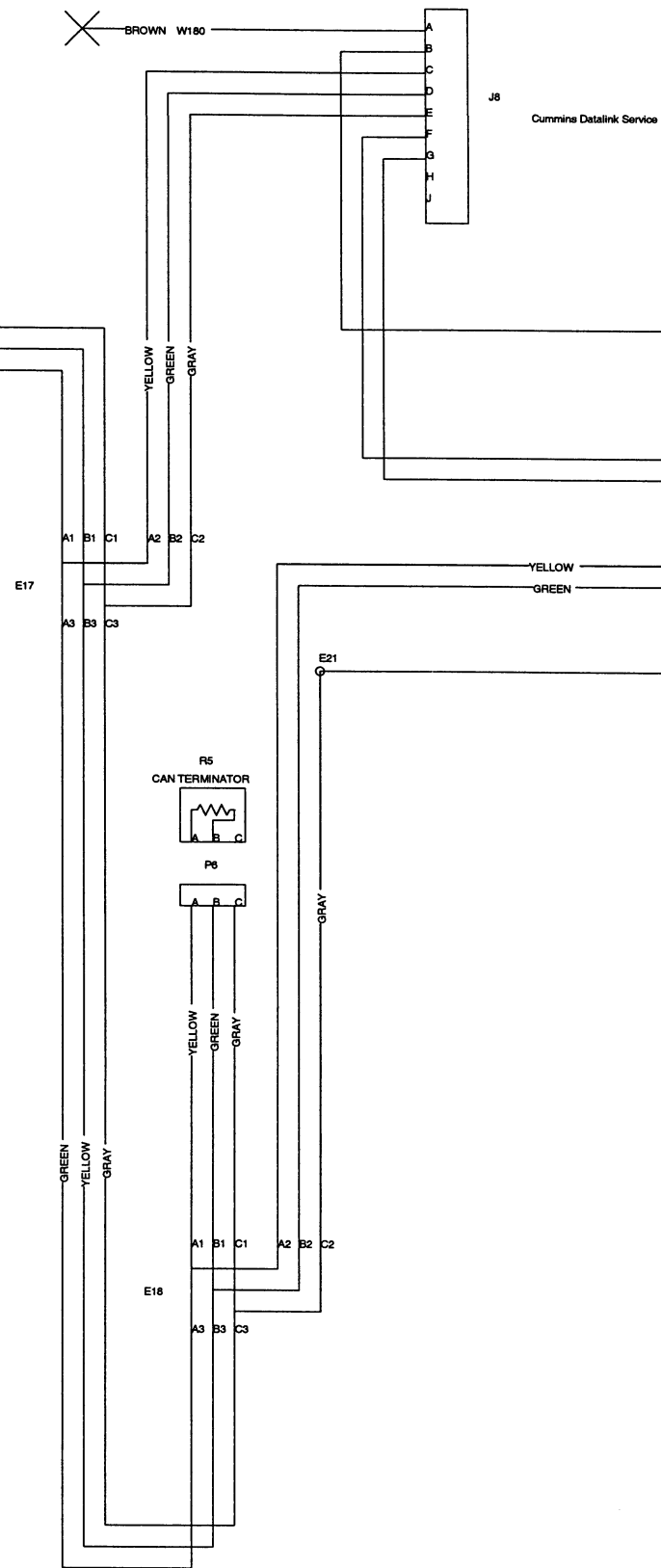
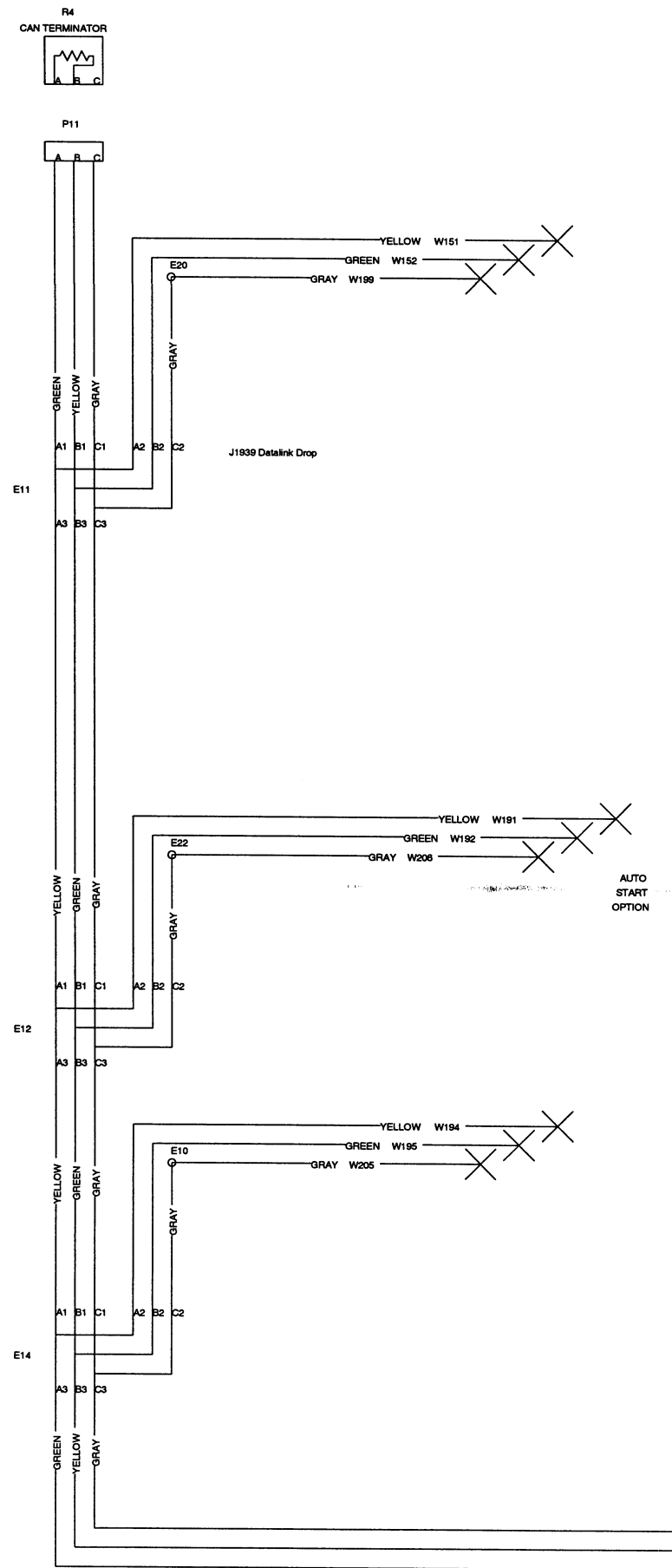
PART NO.	QTY	DESCRIPTION
54757224	1	IQ WIRING HARNESS
54775887	1	IQ HEATER HARNESS
36841526	5	IQ ORIFICE HEATERS
36898310	1	ACTUATOR
36898922	1	THERMISTOR TEMP. PROBE
36892362	1	24V SEALED RELAY
36920643	1	ICU
36899599	1	IQ FILTER SWITCH
36899615	1	IQ FILTER SWITCH

✖ DENOTES XHP MACHINES ONLY
✖✖ DENOTES HP MACHINES ONLY

VIKING CONTROL SYSTEM SCHEMATIC – CUMMINS (STANDARD UNIT)

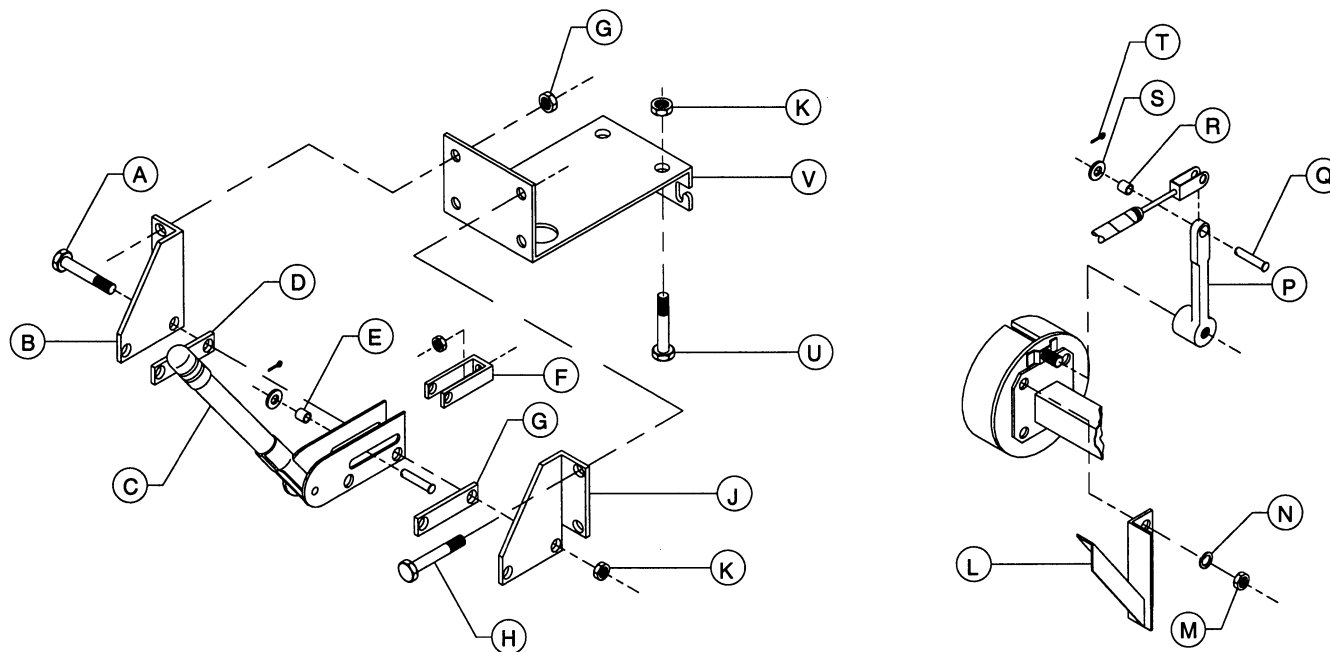






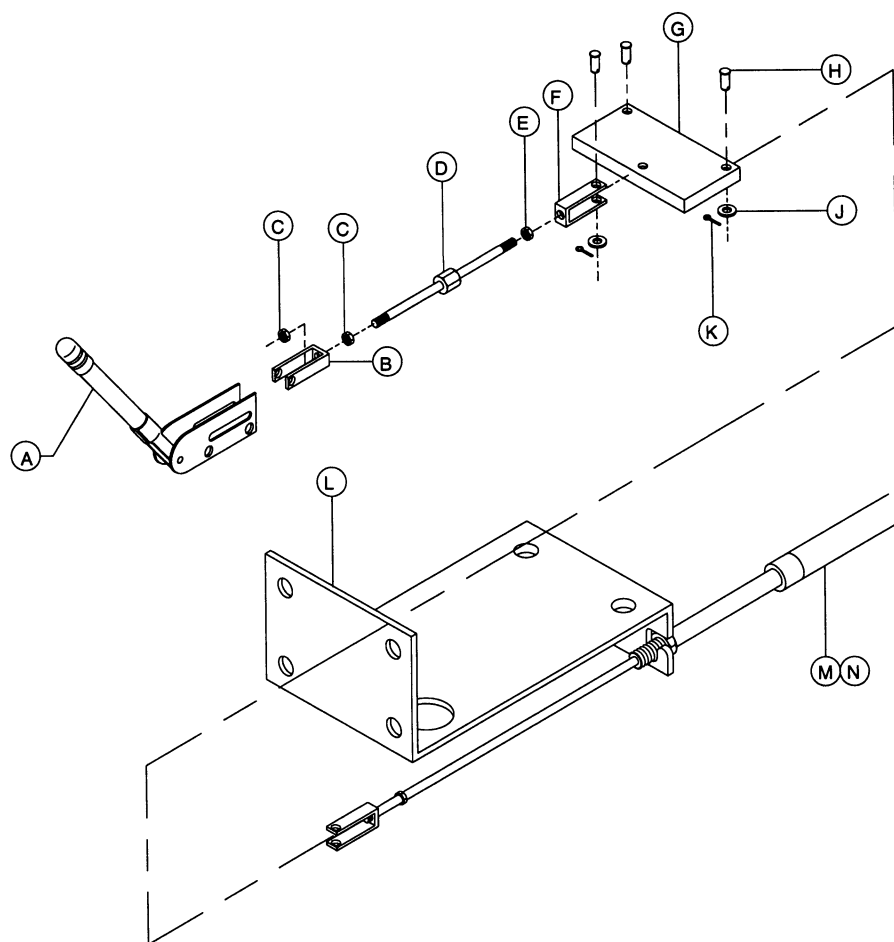
(STANDARD UNIT)

WAGON WHEEL PARKING BRAKE ASSEMBLY



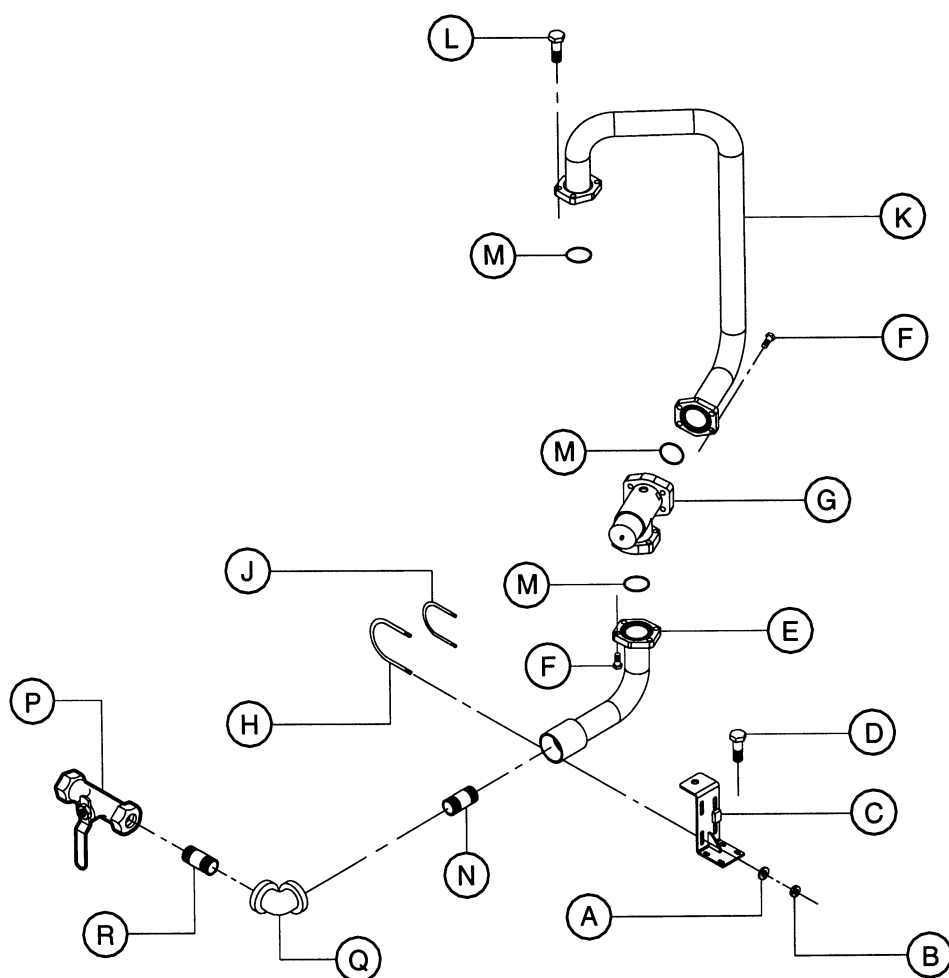
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95941100	2	SCREW				
B	36847432	1	BRACKET , RH LEVER				
C	36782878	1	LEVER , BRAKE				
D	35603224	2	PLATE , SPACER				
E	-----	2	FURNISHED WITH LEVER				
F	35603208	1	CLEVIS , BRAKE LEVER				
G	35252618	4	NUT				
H	36877793	4	SCREW				
J	36847440	1	BRACKET , LH LEVER				
K	36879195	4	NUT				
L	36786887	1	BRACKET , LH CABLE LATCH				
	36786895	1	BRACKET , RH CABLE LATCH				
M	95916573	8	NUT				
N	95934741	8	WASHER				
P	36782035	2	ARM , BRAKE				
Q	36783785	2	PIN , CLEVIS				
R	36786697	2	BUSHING				
S	95935037	2	WASHER				
T	95928867	2	PIN , COTTER				
U	36880995	2	SCREW				
V	36783306	1	BRACKET , FRONT CABLE LATCH				

WAGON WHEEL PARKING BRAKE ASSEMBLY



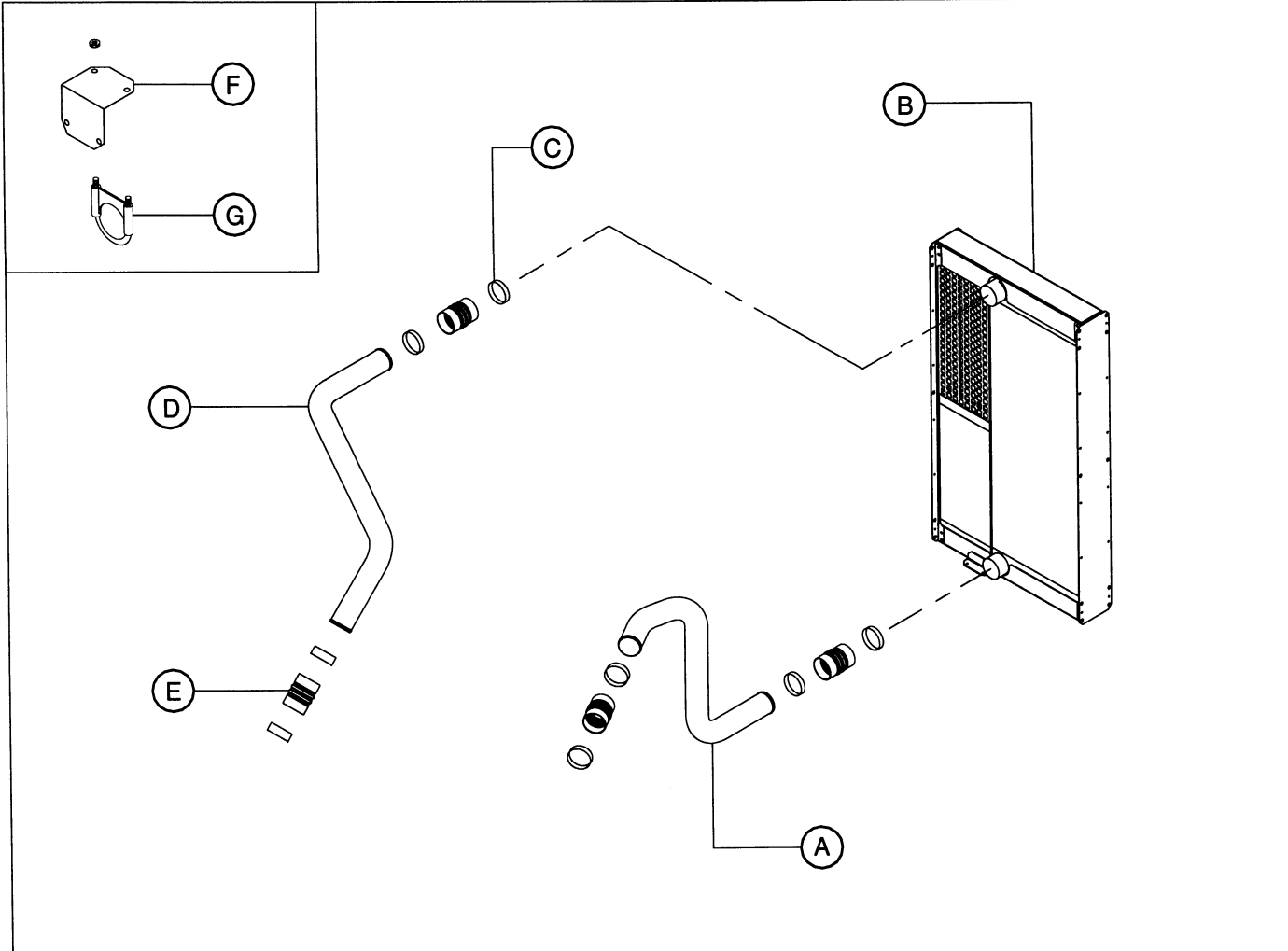
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36782878	1	LEVER , BRAKE				
B	35603208	1	CLEVIS , BRAKE LEVER				
C	35118728	2	NUT				
D	35603182	1	ROD , LINK				
E	95935086	2	NUT				
F	35603216	1	EQUALIZER , CLEVIS				
G	35602846	1	EQUALIZER , CABLE				
H	35357151	3	PIN , CLEVIS				
J	95934998	3	WASHER				
K	95928867	3	PIN , COTTER				
L	36783306	1	BRACKET , FRONT CABLE LATCH				
M	22064141	1	CABLE , LH BRAKE				
N	22064000	1	CABLE , RH BRAKE				

SEPARATOR AIR PIPING



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95935003	4	WASHER				
B	95922902	4	NUT				
C	54668314	1	SUPPORT , PIPE				
D	35130293	4	SCREW				
E	36898120	1	PIPE				
F	95929089	8	SCREW				
G	54642152	1	VALVE , MINIMUM PRESSURE				
H	36799419	1	CLAMP				
J	35586288	1	CLAMP				
K	54703160	1	PIPE				
L	95929089	4	SCREW				
M	95358040	1	O-RING				
N	95940946	2	NIPPLE				
P	36755718	1	VALVE , BALL				
Q	95954814	1	ELBOW				
R	54393210	1	ORIFICE NIPPLE				

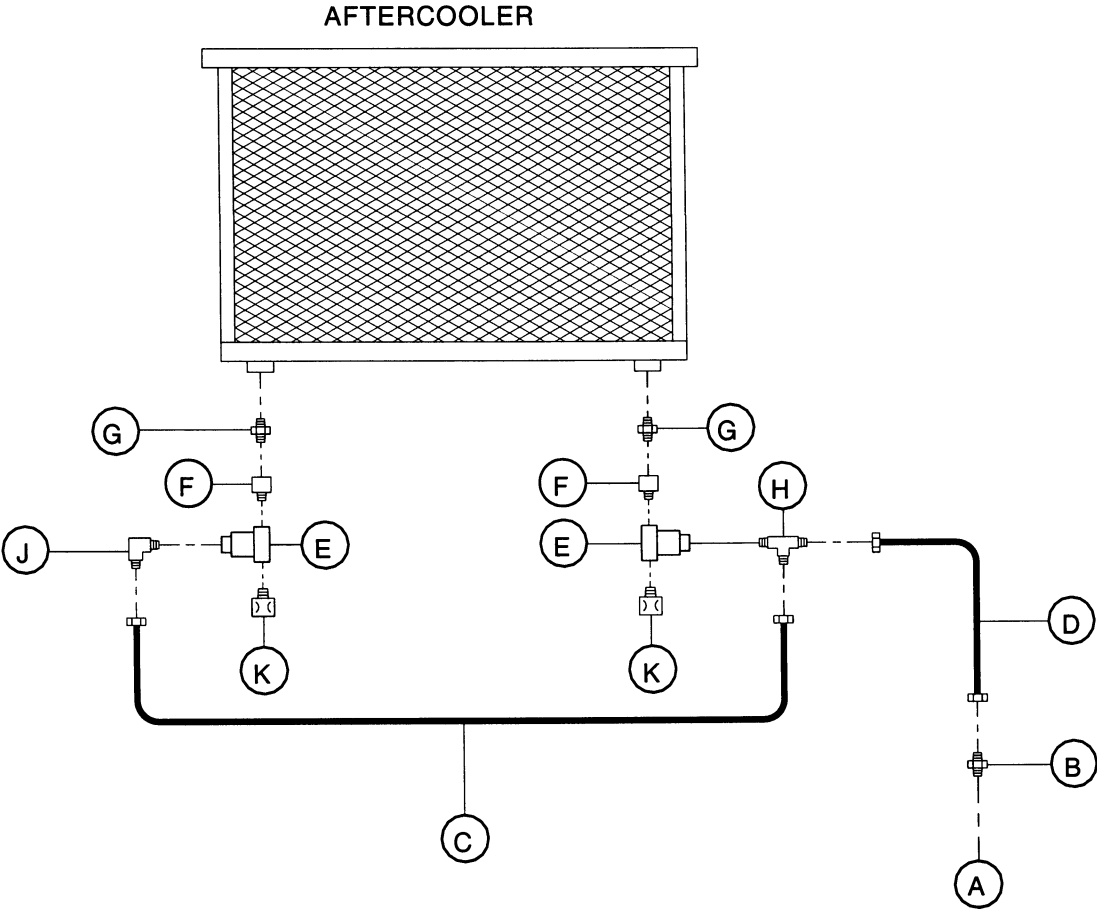
AIR CHARGE PIPING



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54632690	1	TUBE , BOTTOM A/C				
B	54501846	1	COOLER , AIR CHARGE				
C	54444427	8	CLAMP				
D	54632682	1	TUBE , UPPER A/C				
E	54422522	4	HOSE , RIBBED				
F	54661459	2	SUPPORT , TUBE				
G	35111731	2	U-BOLT				

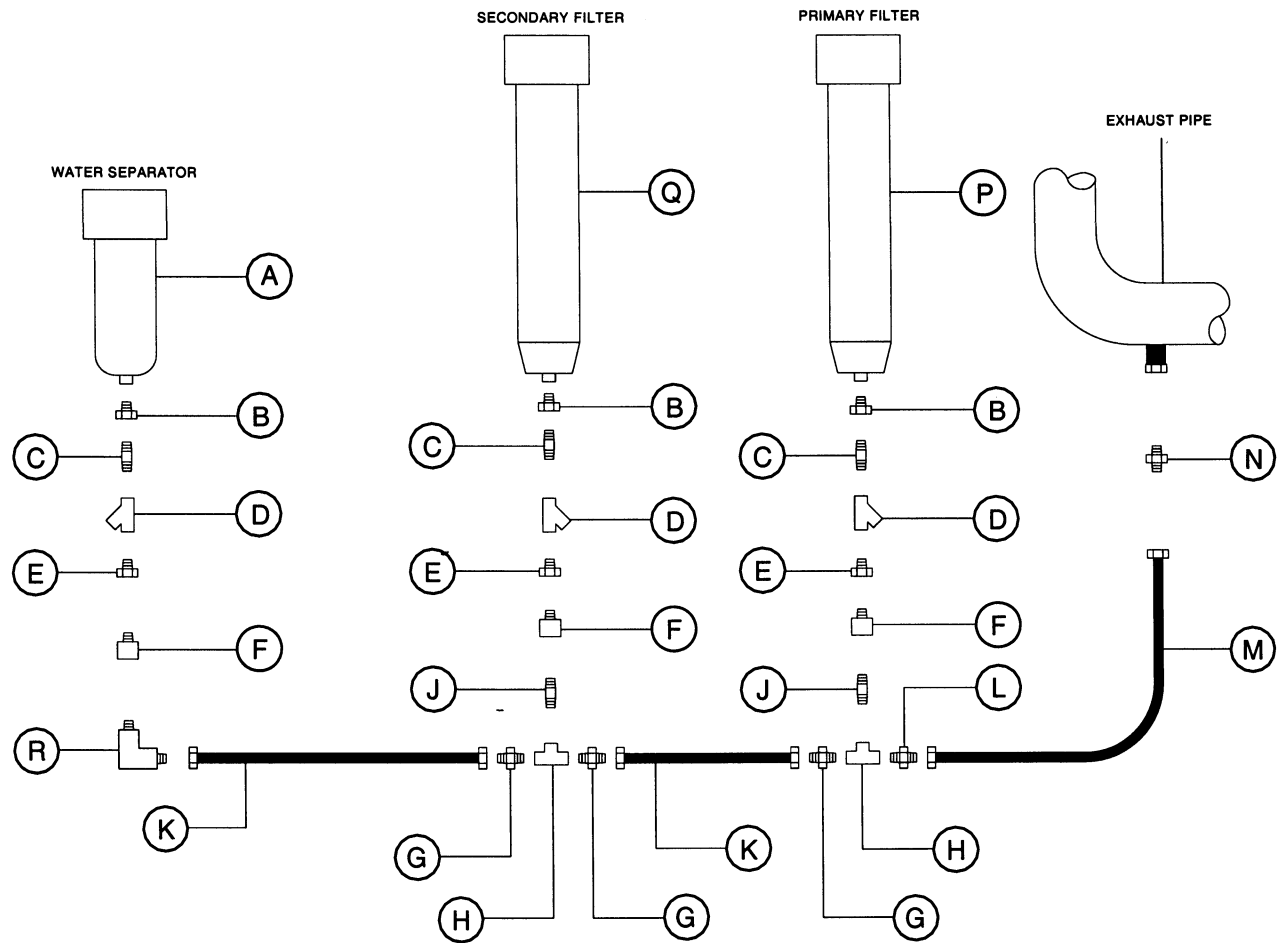
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IQ COOLER PIPING



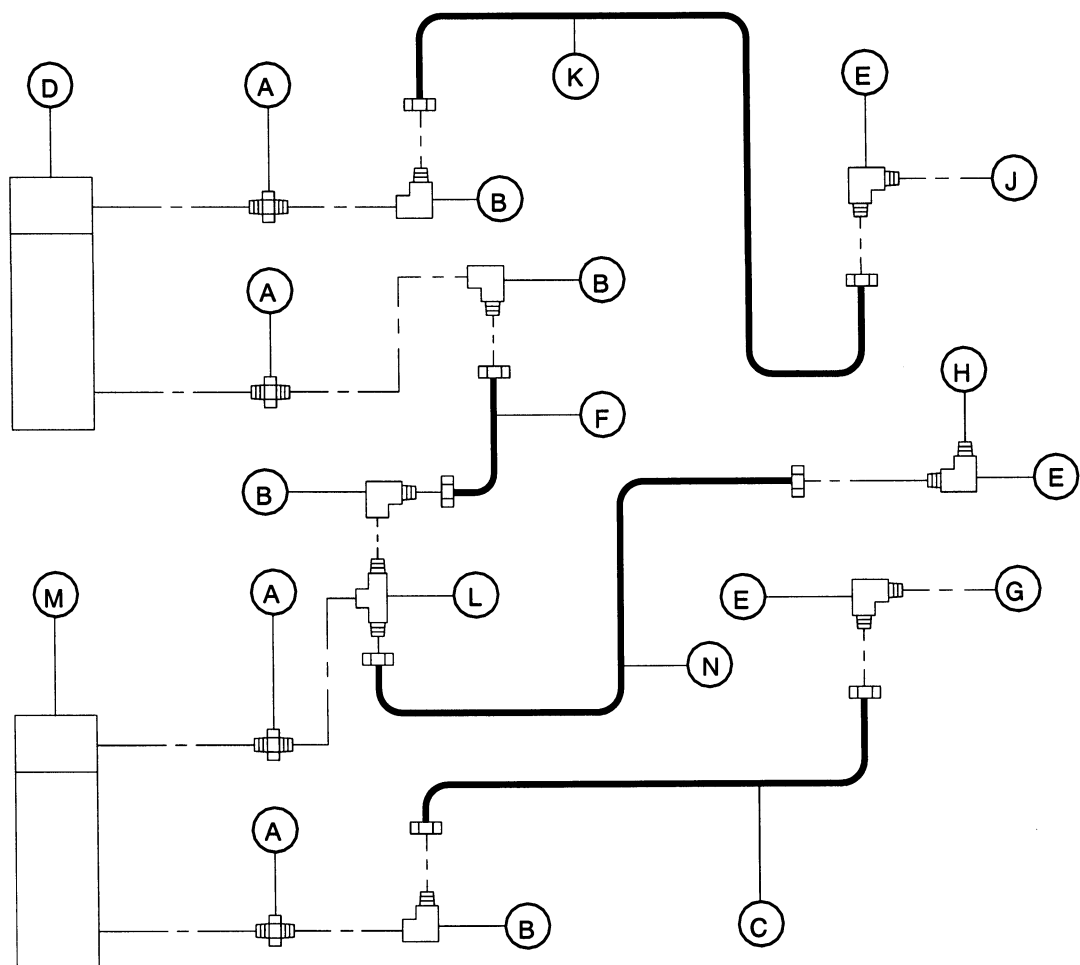
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	TO SIDE OUTLET OF TEE LH SIDE OF AUTO-BLOWDOWN VALVE						
B	35284082	1	CONNECTOR				
C	36844074	1	HOSE ASSEMBLY				
D	35311471	1	HOSE ASSEMBLY				
E	35322379	1	VALVE , BLOWDOWN				
	35379064	1	DIAPHRAM KIT				
F	35367846	1	REDUCER				
G	35284082	1	CONNECTOR				
H	35306075	1	TEE				
J	35279934	1	ELBOW				
K	35248319	1	ORIFICE , .094				
	36898922	1	PROBE , TEMPERATURE				

IQ FILTER PIPING



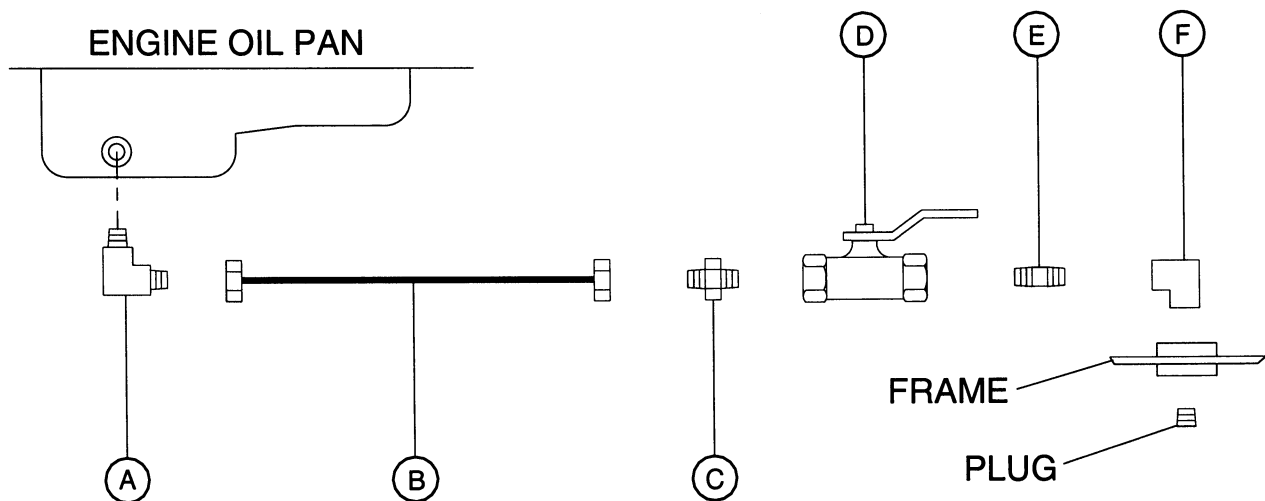
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54731617	1	SEPARATOR , WATER				
B	95245353	1	ADAPTER				
C	95772562	1	NIPPLE				
D	36844579	1	Y-STRAINER				
E	95940748	1	BUSHING				
F	37081528	1	ORIFICE				
G	35283472	1	CONNECTOR				
H	36882223	1	TEE				
J	95452025	1	NIPPLE				
K	35310960	1	HOSE ASSEMBLY				
L	35284082	1	CONNECTOR				
M	35284538	1	HOSE ASSEMBLY				
N	35321983	1	UNION				
P	54731625	1	FILTER , PRIMARY				
Q	54738992	1	FILTER , SECONDARY				
R	35283464	1	ELBOW				

IQ INDICATOR PIPING



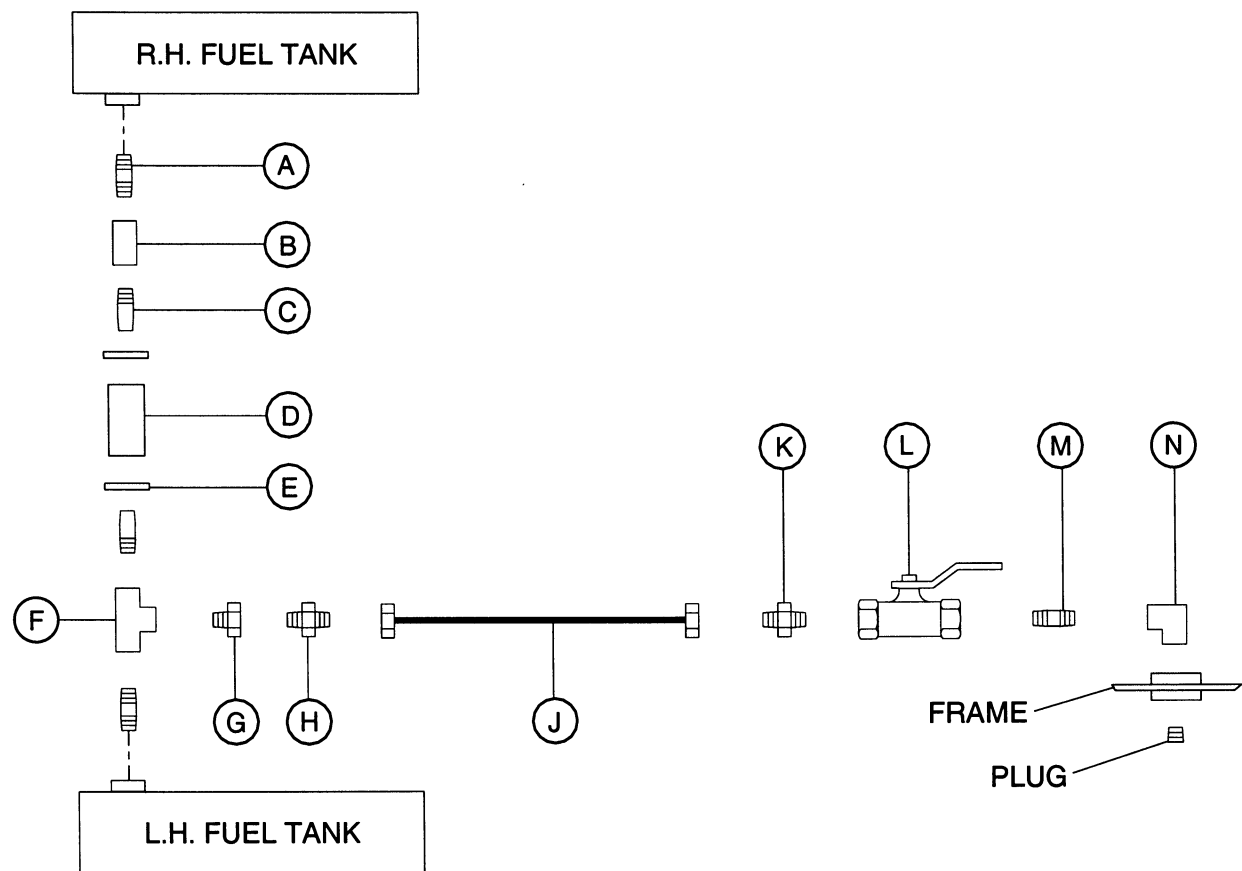
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	36898401	1	CONNECTOR				
B	35290352	1	ELBOW				
C	35310226	1	HOSE ASSEMBLY				
D	36899599	1	INDICATOR , 20 PSI				
E	35283464	1	ELBOW				
F	35310960	1	HOSE ASSEMBLY				
G			TO WATER SEPARATOR TUBE				
H			TO FILTER CROSSOVER TUBE				
J			TO FILTER OUTLET TUBE				
K	35323757	1	HOSE ASSEMBLY				
L	35323591	1	TEE				
M	36899615	1	INDICATOR , 25 PSI				
N	36920650	1	HOSE ASSEMBLY				

ENGINE OIL DRAIN PIPING



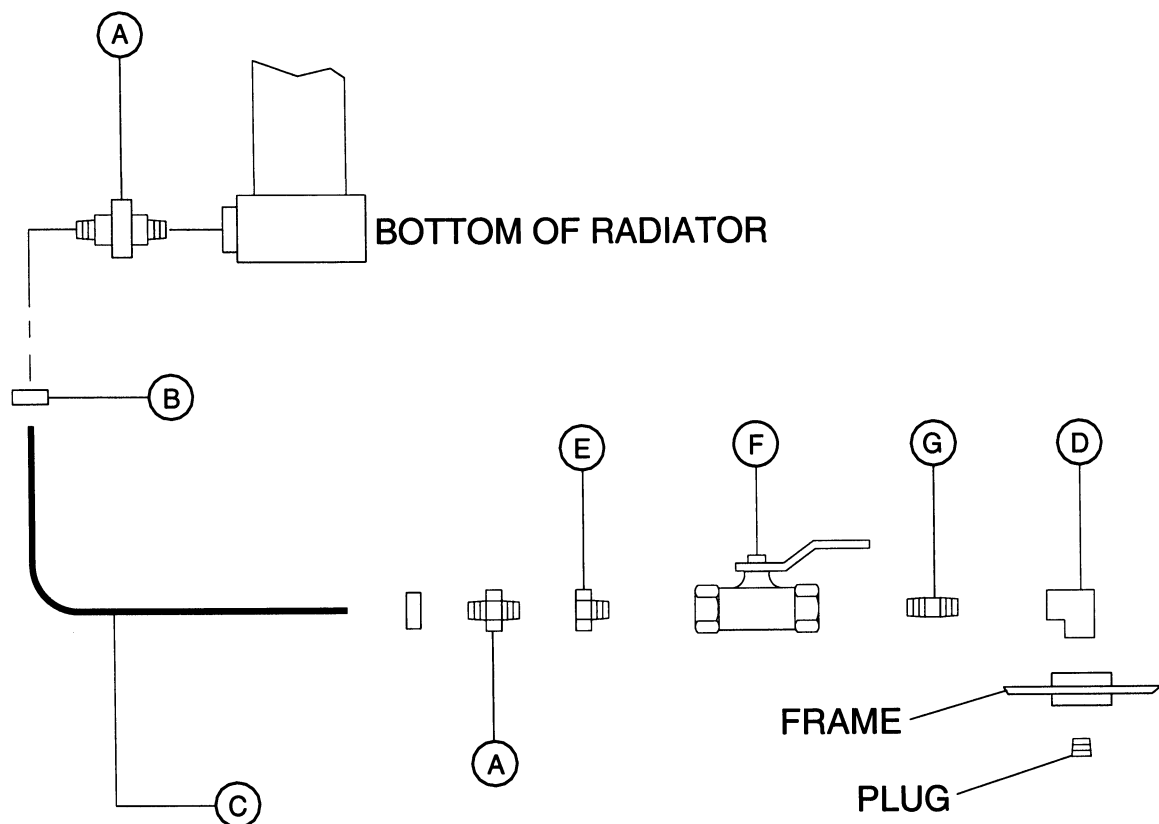
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	22199962	1	ELBOW				
B	35323880	1	HOSE ASSEMBLY				
C	95219747	1	CONNECTOR				
D	35576115	1	VALVE , BALL				
E	95928040	1	NIPPLE				
F	95928172	1	ELBOW				

FUEL TANK DRAIN PIPING



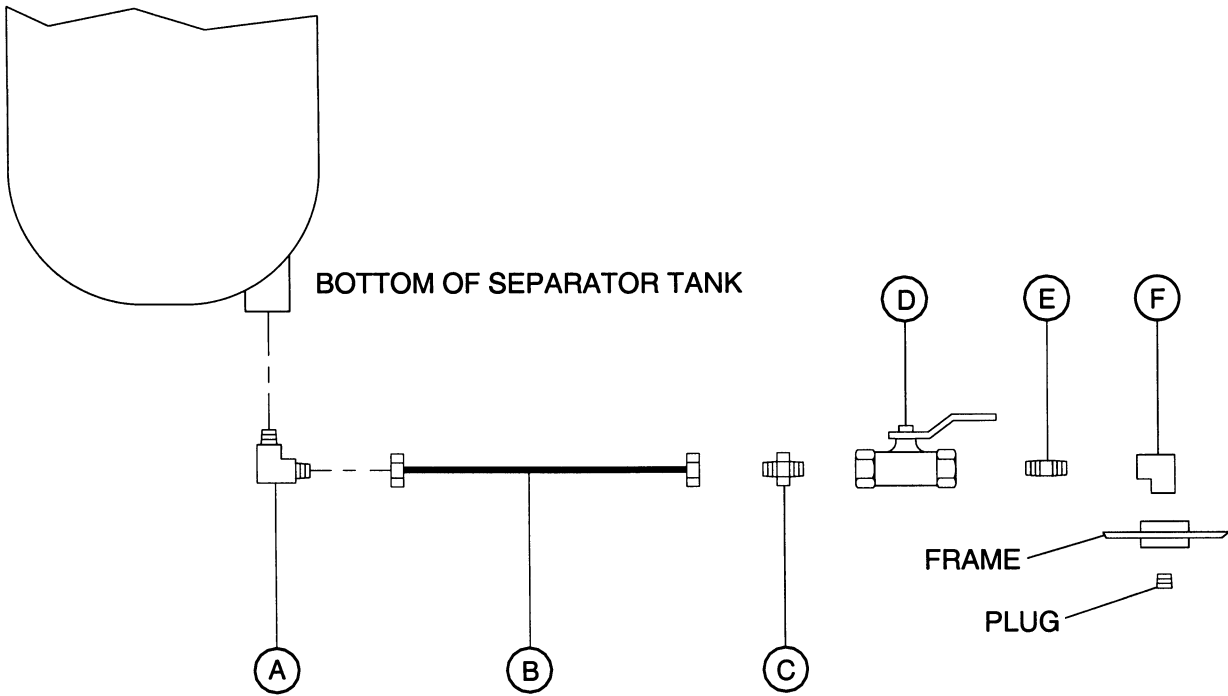
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	95953535	2	NIPPLE				
B	95937454	1	CONNECTOR				
C	54762190	2	FITTING , HOSE				
D	54762182	1	HOSE (19 INCHES)				
E	35221662	2	CLAMP				
F	95954285	1	TEE				
G	95953873	1	REDUCER				
H	95219747	1	CONNECTOR				
J	36898328	1	HOSE ASSEMBLY				
K	95219747	1	CONNECTOR				
L	35576115	1	VALVE , BALL				
M	95928040	1	NIPPLE				
N	95928172	1	ELBOW				

RADIATOR DRAIN PIPING



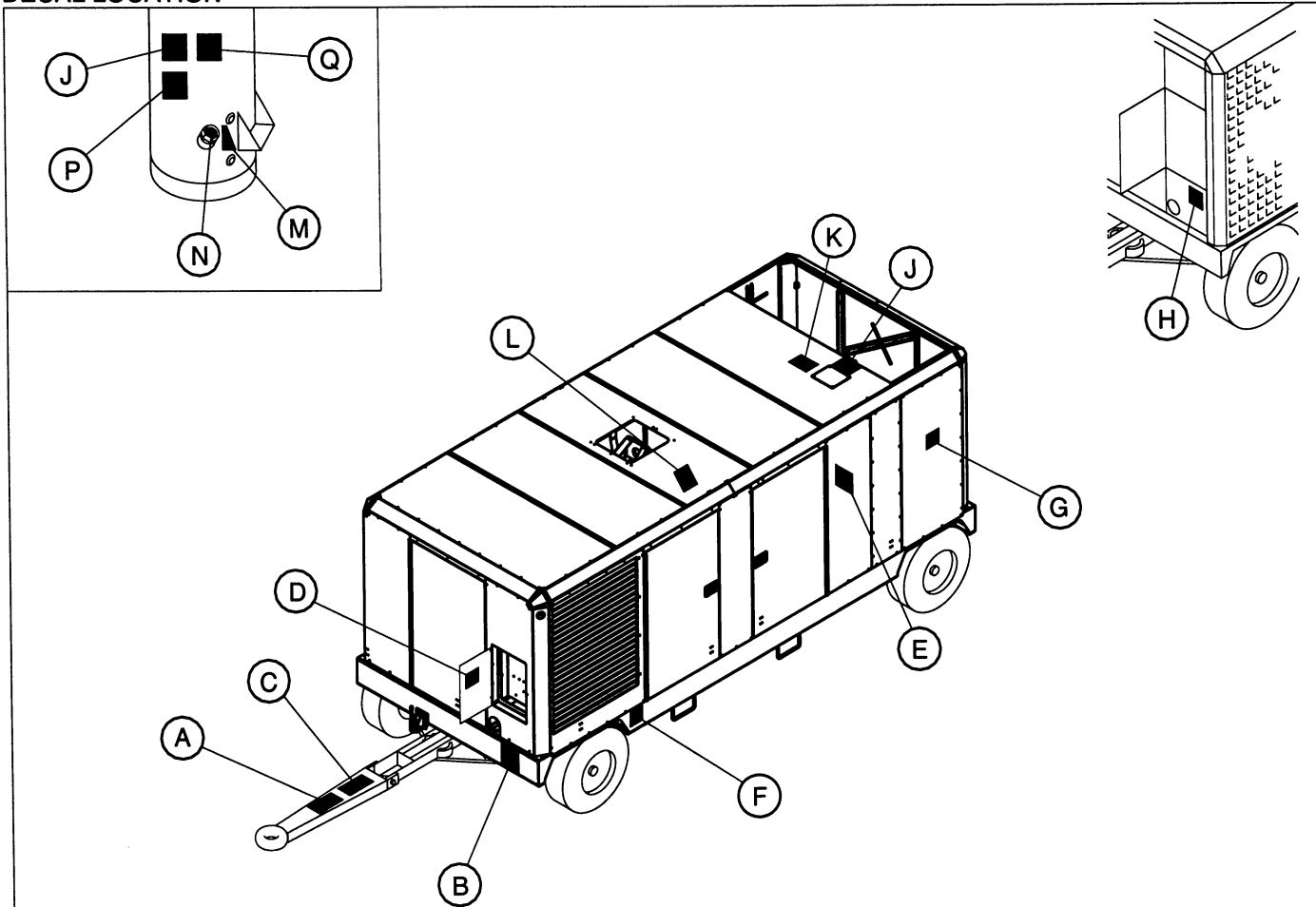
ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35326560	1	CONNECTOR				
B	95220844	2	CLAMP				
C	35326578	1	HOSE (115 INCHES)				
D	95928172	1	ELBOW				
E	95953949	1	REDUCER				
F	35576115	1	VALVE , BALL				
G	95928040	1	NIPPLE				

SEPARATOR TANK DRAIN PIPING

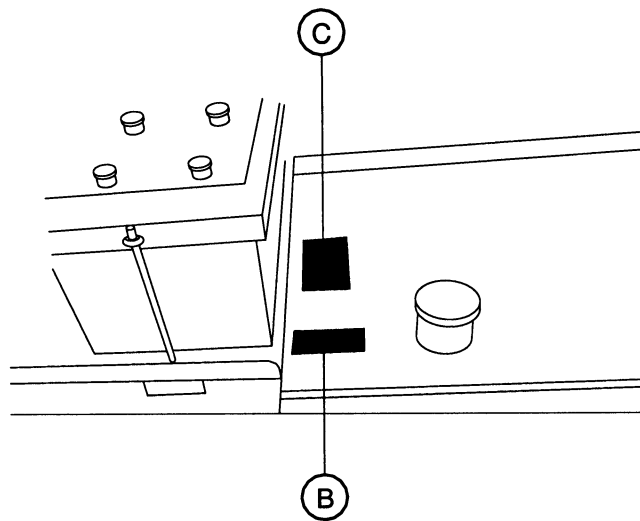
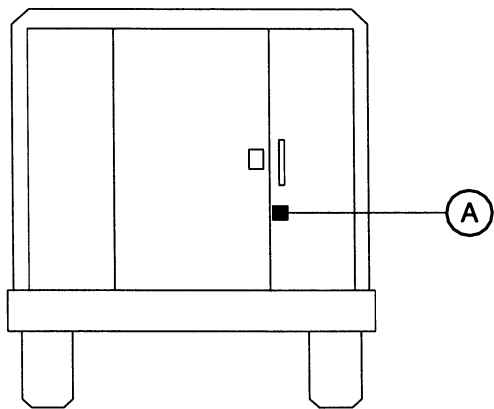


ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	35294750	1	ELBOW				
B	36878254	1	HOSE ASSEMBLY				
C	95219747	1	CONNECTOR				
D	35576115	1	VALVE , BALL				
E	95928040	1	NIPPLE				
F	95928172	1	ELBOW				

DECAL LOCATION



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54568803	1	TOWING DECAL (HIGH SPEED RUNNING GEAR)				
B	54629902	1	3-PART WARNING DECAL				
C	22055701	1	TOWING DECAL (WAGON WHEEL)				
D	54568787	1	IMPROPER OPERATION DECAL				
E	54568779	4	ROTATING FAN DECAL				
F	54749205	4	NO WELD DECAL				
G	54604939	4	FALL OFF UNIT DECAL				
H	36514602	1	NOISE EMISSION DECAL				
J	54568761	2	HIGH PRESSURE FLUID DECAL				
K	54604962	1	RADIATOR FILL DECAL				
L	54699400	2	LIFT POINT DECAL				
M	22053847	1	OIL LEVEL DECAL				
N	54604970	1	OIL FILL DECAL				
P	54568795	1	HIGH PRESSURE AIR DECAL				
Q	22054365	1	IQ OPERATION DECAL				



ITEM	CPN	QTY	DESCRIPTION	ITEM	CPN	QTY	DESCRIPTION
A	54604988	1	DOOR UNDER PRESSURE DECAL				
B	54625207	2	DIESEL FUEL DECAL				
C	54568753	1	BATTERY GAS DECAL				