



# SERVICE / PARTS MANUAL

MODELS: WolfPac® 4000

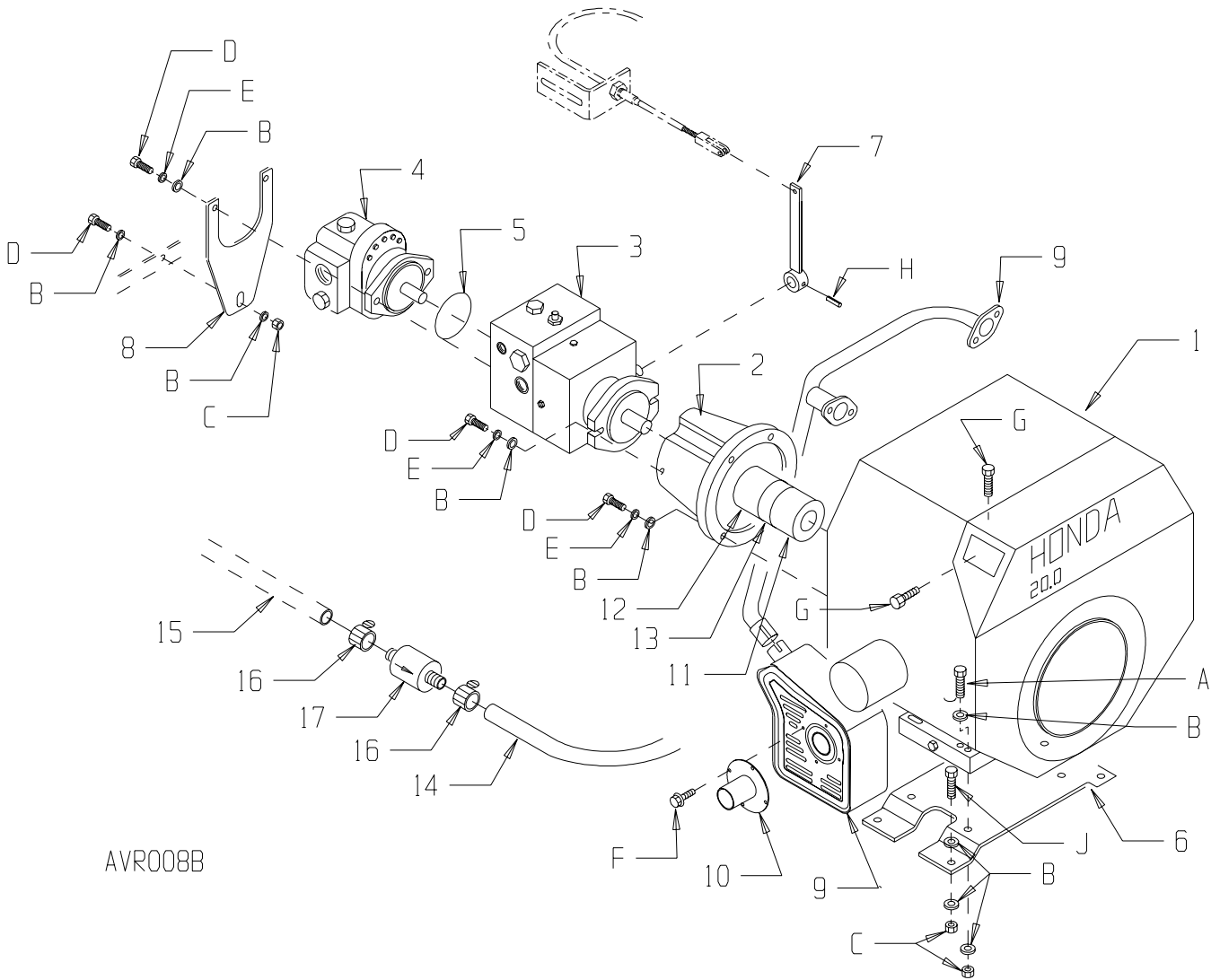


HONDA GAS  
DEUTZ DIESEL

*This equipment has been designed and tested to meet the requirements of  
the Machinery Safety Directive 89/392/EEC and Amendments and  
therefore carries the CE Mark*

# PARTS LIST

Power Pak - Honda Gas



AVR008B

# PARTS LIST

Power Pak - Honda Gas

ITEM	PART NO.	DESCRIPTION	QTY.
1	43775	Engine 20HP Honda GX620	1
	56237	Manual Owners GX620	1
	56238	Manual Shop GX620	1
2	39093	Adaptor	1
3	39586	Pump Var. Disp.	1
4	39587	Pump Gear	1
5	47301	O-Ring 3-1/4ID x 1/16CS	1
6	43224-2	Mount Honda	1
7	43542-2	Lever Forward/Reverse Gas	1
8	43229-2	Support Pump	1
9	30562	Manifold Muffler Kit	1
#	39552	Cover Fuel Filter	1
10	43234-2	Tube Weld Exhaust	1
11	39094	Coupling Engine	1
12	39095	Coupling Pump	1
13	39096	Insert	1
14	46186	Fuel Line	4 ft.
15	46186	Fuel Line	1 ft.
16	34089	Clamp	4
17	38856	Filter	1

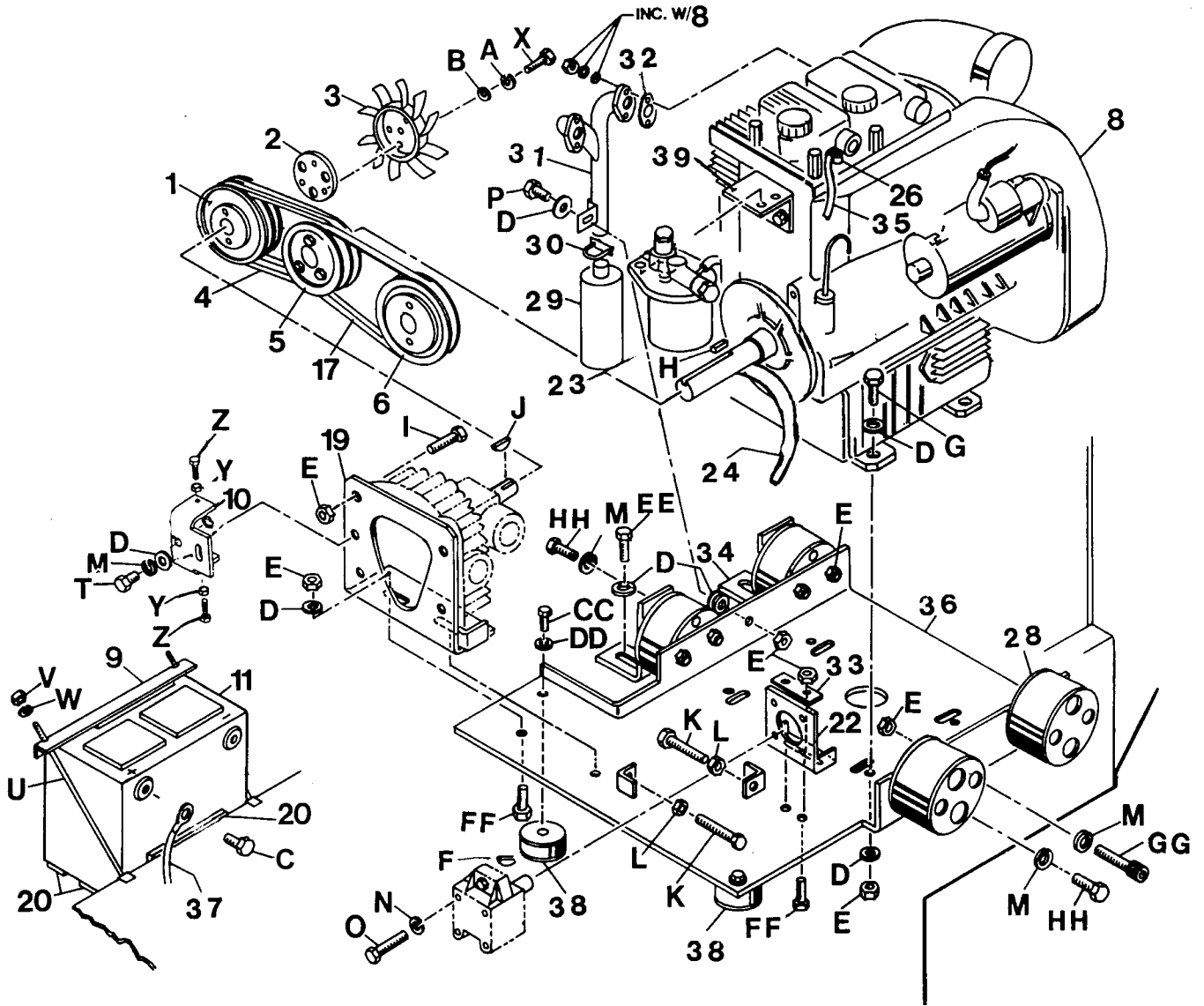
ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A*	80179	HHCS 3/8-16 x 2 GR5 ZN	4	23	(31)
B	80342	WSHR 3/8 SAE ZN	10	-	-
C	80056	NUTNY 3/8-16 ZN	5	-	-
D*	80476	HHCS 3/8-16 x 1-1/2 GR5 ZN	9	23	(31)
E	80058	WSHRL 3/8 Split ZN	8	-	-
F	80936	HWHST M4 x 10mm	4	-	-
G	80890	HHCS M5 x 30 8.8 ZN	2	-	-
H	80775	PINSP 1/4 x 1-1/4 ZN	1	-	-
J*	80145	HHCS 3/8 - 16 x 1-1/4 GR5 ZN	4	23	31

# Not Shown

\* Loctite Required

# PARTS LIST

Power Pak - Deutz Diesel



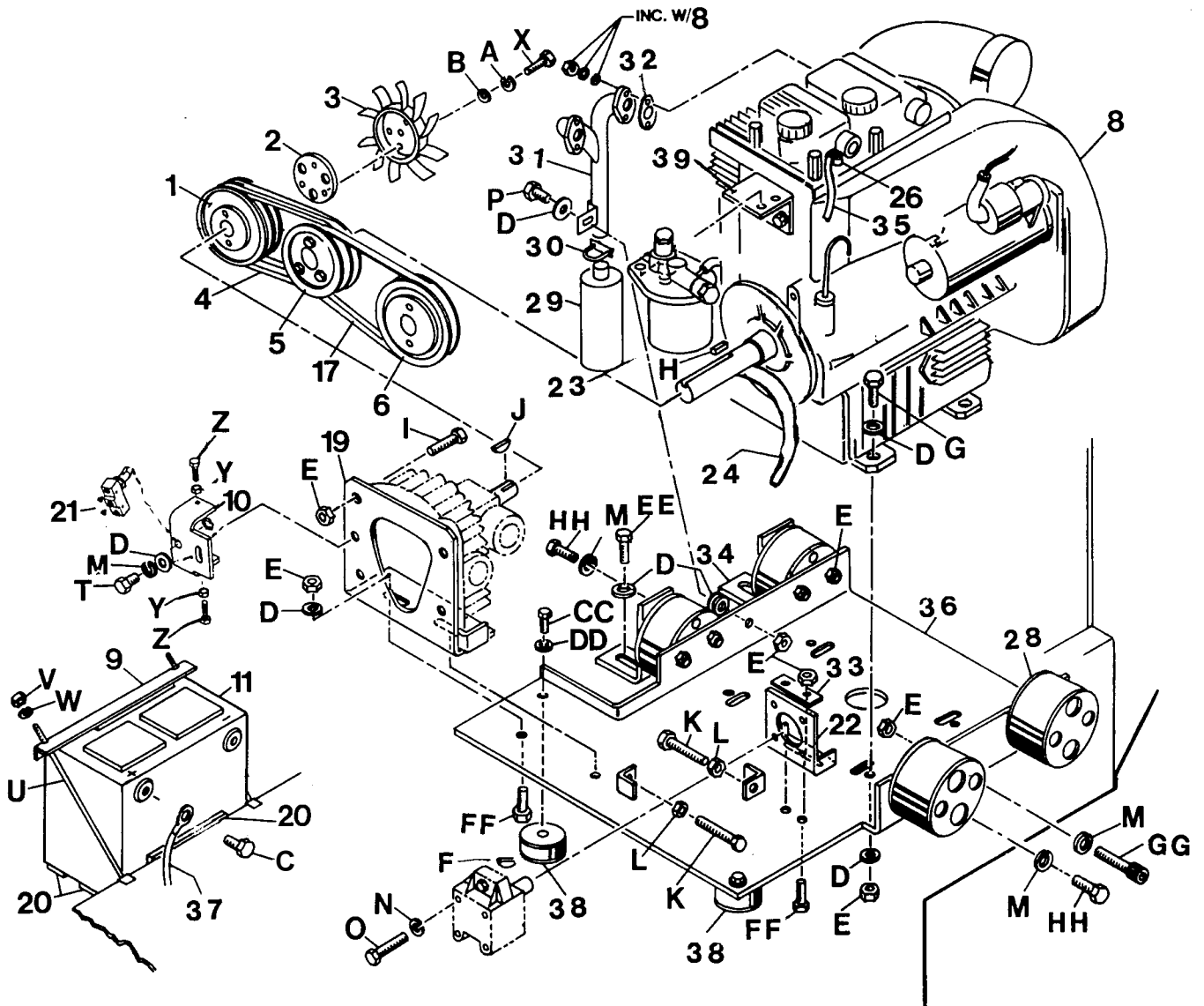
# PARTS LIST

Power Pak - Deutz Diesel

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
1	38467	SHV 3V 2 GR 4.12 x3/4	1	7.5	5.5
2	29353	SPCR FAN MTG	1	-	-
3	35936	FAN HYD 7 IN 10 BLDCCW	1	-	-
4	38470	BELT 3V x 280	2	-	-
5	38075	SHV 3V 3GR 4 12 x 1-7/16	1	7.5	5.5
6	39573	SHV 13V47 x 3/4	1	7.5	5.5
8	30253	ENGINE DIESEL	1	-	-
9	28543-2	CLAMP BATTERY	1	-	-
10	29758-2	BRKT WELD NEUT SW	1	-	-
11	38543	BATTERY	1	-	-
12	38483	FILTER OIL DIESEL	1	-	-
17	38499	BELT 3V x 250	1	-	-
20	47244	RBR 60 DURO 1.5 x 6.75	5	-	-
22	43007-2	BRKT WELD ECC PUMP	1	-	-
23	38501	FILTER FUEL	1	-	-
24	46186	HOSE LOW PRESS 1/4 ID	31"	-	-
26	34089	CLAMP HOSE	4	-	-
28	47203	SHOCK MTG	4	-	-
29	38644	MUFFLER NELSON	1	-	-
30	38646	CLAMP MUFFLER 1-1/4	1	-	-
31	38645	MANIFOLD NELSON	1	-	-
32	38647	GASKET MANIFOLD	2	-	-
33	29604-2	PLT SPRT PUMP BRKT	1	-	-
34	29459-2	BRKT MTG DECK	2	-	-
35	46186	HOSE FUEL LINE .25 OD	18"	-	-
36	29461-2	DECK WELD	1	-	-
38	29609	SHOCK MTG MODIFY	2	-	-
39	29462-2	BRACKET MTG FILTER	1	-	-

# PARTS LIST

Power Pak - Deutz Diesel Cont'd.



# PARTS LIST

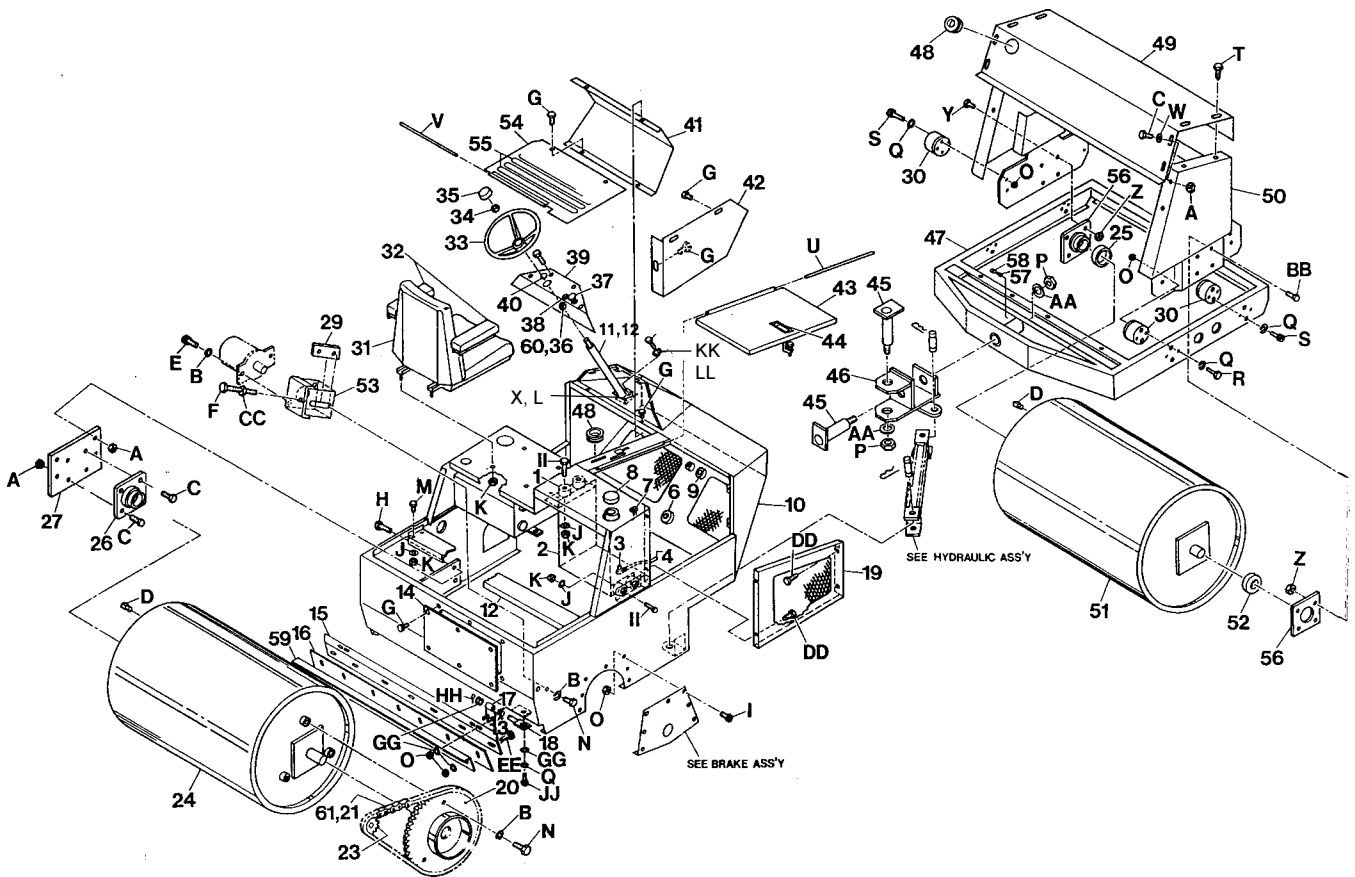
Power Pak - Deutz Diesel Cont'd.

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A	80116	WSHRL 1/4 MED SPLIT	3	-	-
B	80347	WSHR 1/4 WROT	3	-	-
C	39355	SET BOLT BATTERY	1	-	-
D	80342	WSHR FLAT 3/8 SAE	16	-	-
E	80056	NUTNY 3/8 - 16	21	23	31
F	39221	KEY EATON PUMP	1	-	-
G*	80145	HHCS 3/8 - 16 x 1-1/4 GR5 ZN	4	23	31
H	80121	KEY 3/8 x 3/8 x 1-1/2 (incl.w/#5)	1	-	-
I*	80181	HHCS 3/8 - 16 x 2-1/2 GR5 ZN	4	23	31
J	80444	KEY #9 WOODRUFF	1	-	-
K	80540	HHTB 3/8 - 16 x 3 GR5	2	23	31
L	80042	NUTFX 3/8 - 16	2	23	31
M	80058	WSHRL 3/8 MED SPLIT	19	-	-
P*	80174	HHCS 3/8 - 16 x 1 GR8 ZN	2	23	31
T*	80374	HHCS 3/8 - 16 x 3/4	1	23	31
U	80630	THDRD 5/16 - 18 x 10 1/2	2	-	-
V	80114	NUTNY 5/16 - 18	2	13	18
W	80348	WSHR 5/16 WROT USS	2	-	-
X*	80154	HHCS 1/4 - 20 x 1-1/4	3	6	8
Y	80246	NUTKP 5/16 - 18	2	13	18
Z*	80451	HHTB 5/16 - 18 x 1-1/4	2	-	-
CC*	80378	HHCS 1/2 - 13 x 1ZN	2	57	77
DD	80117	WSHR 1/2 MED SPLIT	2	-	-
EE*	80610	HWHST 3/8 - 16 x 1-1/2	4	23	31
FF*	80615	HHTB 3/8 - 16 x 1-1/2	4	23	31
GG*	80539	SHCS 3/8 - 16 x 2-1/2	8	23	31
HH*	80470	HHCS 3/8 - 16 x 1 GR5 ZN	8	23	31

\*Loctite Required

# PARTS LIST

## Frame Assembly



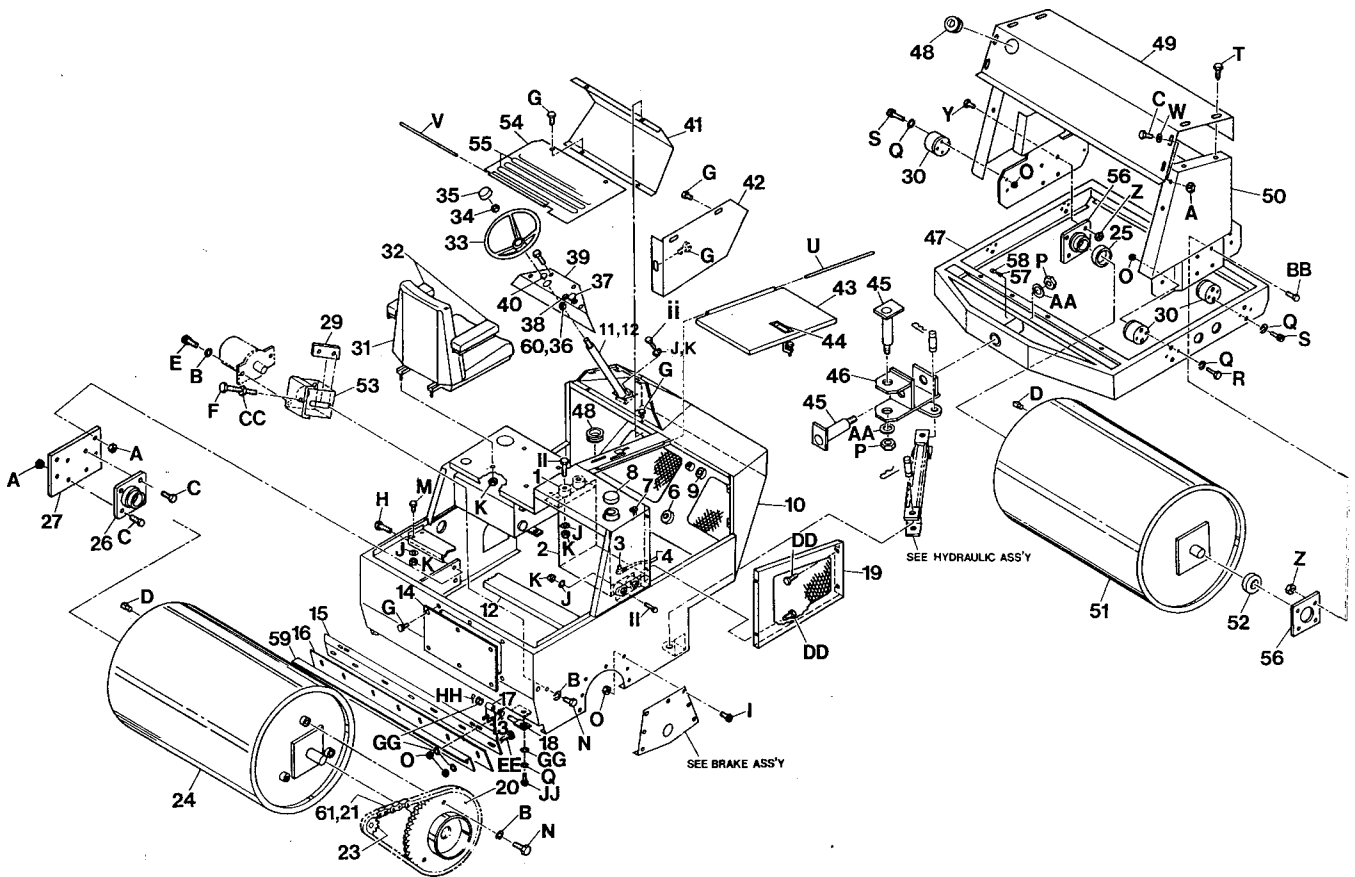
# PARTS LIST

Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	37009	Shock Mtg	4
2	43221-2	Tank Weld Fuel - Gas/Diesel	1
	38147	Plug 1/8 NPT Hex HD	1
3	46009	Pet Cock	1
4	46186	Hose Low Press 1/4 ID - Gas	3"
6	47246	Grommet RBR 1" ID x 1.25 GD	1
7	46365	Ftg Hyd EL 1/8 NPT x 1/4 H - Diesel	1
8	38210	Cap Fuel	1
9	47257	Grommet RBR .69 ID x 1.00 GD	1
10	43226-2	Frame Weld Main Gas/Diesel	1
11	46655	Column Steering	1
12	43118-2	Plate Steering	1
13	37191	Spr Pkg Gibson 1164-2 Red	2
14	29360-2	Plt Cover Door Mtr	1
15	29388-2	Plt Scraper	4
16	29010	Scraper Slotted Urethane	4
17	29395-2	Pivot Scraper	8
18	29389-2	Rod Weld Scraper	8
19	29611-2	Pnl Weld Side Access	1
20	42685-2	Sprkt Weld 72th	1
21	38153	Chain Set No. 80	1
	34536	Link Half no. 80	1
	34537	Link Connection No. 80	1
23	38151	Sprkt H8012 x 1.00	1
24	22849	Drum Weld Rear	1
25	29379	Sper Drm Fnt LH	1
26	32232	Brg Ball Flg 1-1/2 ID	1
27	29025-2	Plt Brg Mtg LH Rear	1
28	22771	Kit Scraper Assy	4
29	29162-2	Adj Weld Drm Mtr	1
30	47203	Shock Mount	4
31	47195	Seat Assy	1
32	38143	Arm Rest (Set RH & LH)	1
33	41017	Wheel Steering	1
34	46656	Nut Wheel Steering	1
35	47401	Cap Wheel Steering	1
36	29745-2	Plate Access Air - Diesel	1
37	35456	Cable Choke - Gas	1
	41002	Cable Stop - Diesel	1

# PARTS LIST

Frame Assembly Cont'd.



# PARTS LIST

Frame Assembly Cont'd.

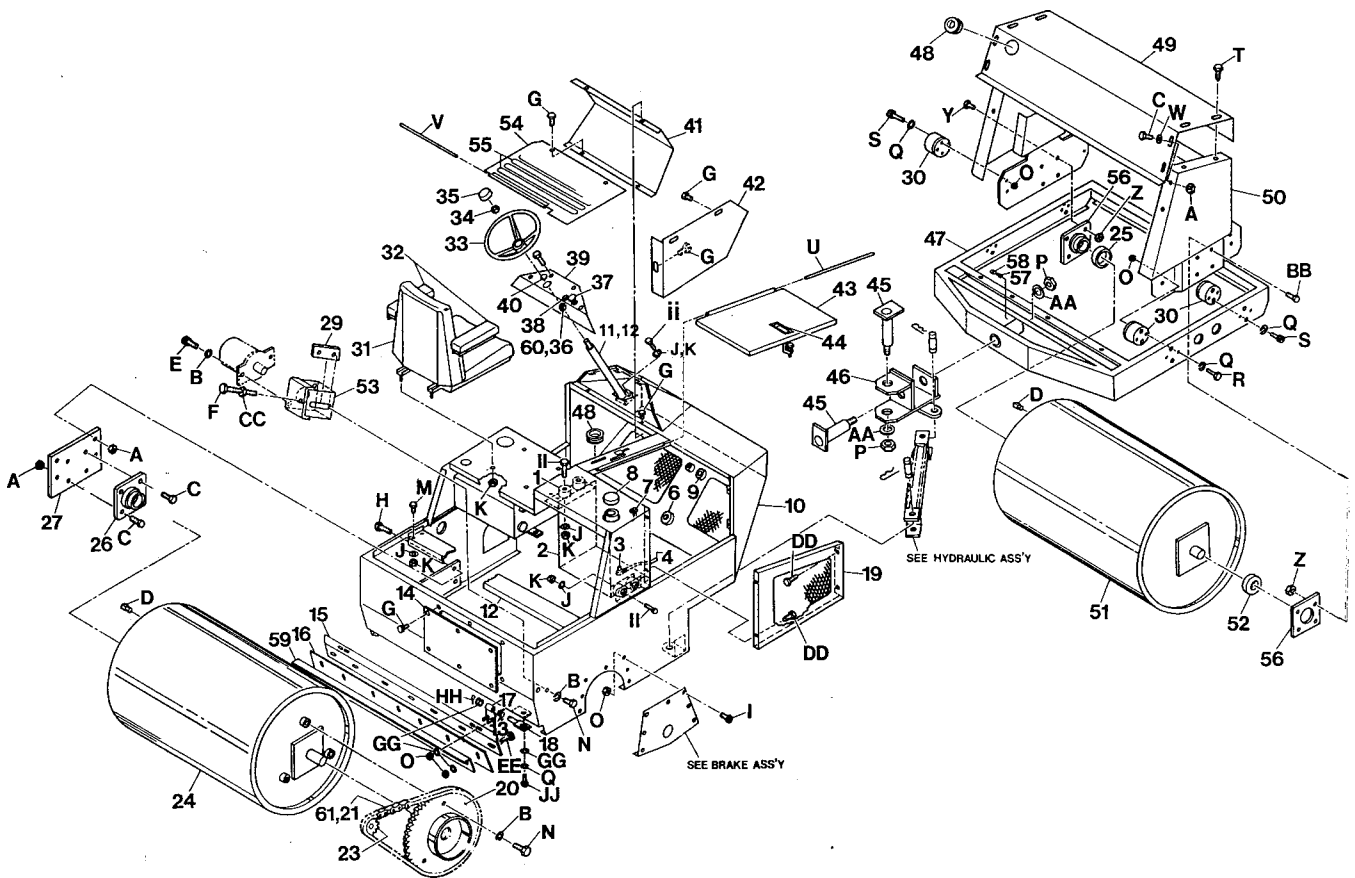
ITEM	PART NO.	DESCRIPTION	QTY.
38	34086	Clamp Hose - Diesel	1
39	43235-2	Panel Str Cover - Honda	1
	43236-2	Panel Str Cover - Diesel	1
40	36268	Hour Meter	1
41	29158-2	Pnl Flr Comfort Angle	1
42	43834-2	Pnl Flr Inside	1
	43836	Window Emission	1
	80908	PPHNS 10 - 24 x 3/4 ZN	4
	80693	NUTNY D-24 ZN	4
	80346	WSHR #10 SAE ZN	4
43	29001-2	Pnl Weld Top Access	1
44	38111	Latch Lvr Adj	1
45	22472-2	Pin Weld Pivot ART/OSC	2
46	22437-2	Hng Weld ART/OSC	1
47	22438-2	Frm Weld Frt	1
48	47247	Grommet Rubber 2" ID	2
49	29008-2	Cover Eccentric Housing	1
50	22475-2	Frame Weld Eccentric Housing	1
51	22531-2	Drum Weld Front	1
52	28986	Spacer Drum RH Front	1
53	22470-2	Mounting Weld Drum Motor	1
54	29228-2	Panel Weld Floor Access Battery	1
55	29298	Skid Tread Mod	1
56	32236	Bearing Ball Flg 2" ID	2
57	46042	Fitting 1641B	8
58	47001	Cap Plug Blue	8
59	29387-2	Backer Scraper	4

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A	80051	NUTNY 1/2 - 12	14	57	77
B	80117	WSHRL 1/2 MED SPLIT	9	-	-
C*	80089	HHCS 1/2 - 13 x 1-3/4 GR5 ZN	4	57	77
D	46172	PLUG PIPE 1 NPT SKT HD	4	-	-

\* Loctite Required

# PARTS LIST

Frame Assembly Cont'd.



# PARTS LIST

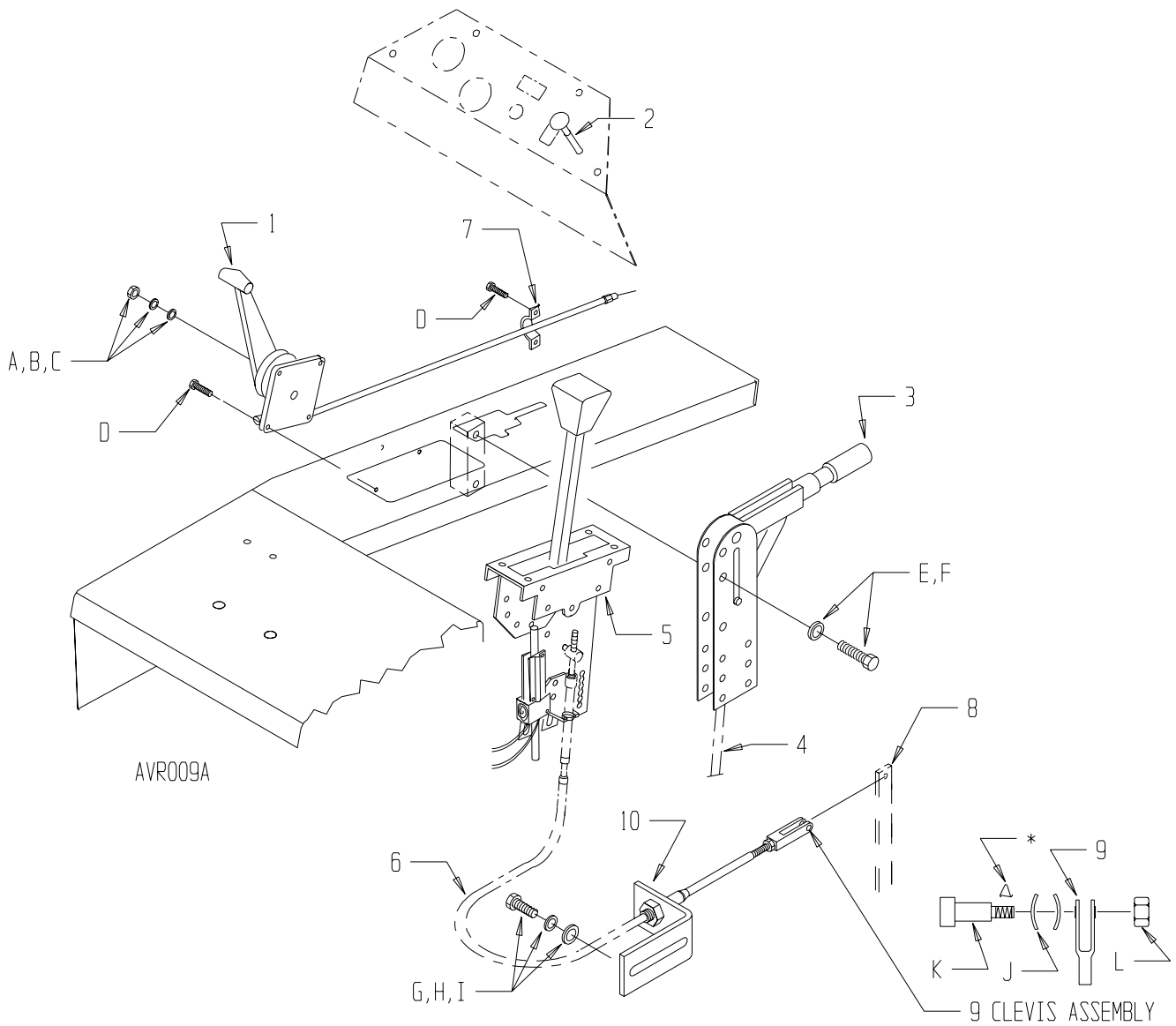
Frame Assembly Cont'd.

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
E*	80569	SHCS 1/2 - 13 x 1-1/2 BLK	2	57	77
F	80551	HHTB 1/2 - 13 x 3 GR5 ZN	1	-	-
G*	80085	HWHTB 5/16 - 18 x 1 THDFR	13	13	18
H*	80578	HHCS 1/2 - 14 x 3 GR5 ZN	4	57	77
I*	80290	FHSCS 3/8 - 16 x 1-1/4 BLK	17	23	31
J	80348	WSHR 5/16 WROT ZN	4	-	-
K	80114	NUTNY 5/16 - 18 ZN	8	13	18
L*	80811	HHCS M6 x 25mm 8.8 ZN	4	18	24
M	80169	HHCS 5/16 - 18 x 2 GR5 ZN	2	18	24
N*	80561	HHCS 1/2 - 13 x 1-3/4 GR5 ZN	5	57	77
O	80056	NUTNY 3/8 - 16 ZN	51	23	31
P	80027	NUTFL 1-1/4 ZN	2	57	77
Q	80058	WSHRL 3/8 MED SPLIT	22	-	-
R*	80470	HHCS 3/8 - 16 x 1 GR5 ZN	8	23	31
S*	80539	SHCS 3/8 - 16 x 2-1/2 BLK	8	23	31
T	80031	HWHTB 1/2 - 13 x 1-1/2 THDFRM	4	57	77
U	29132	PIN HNG 3/16 x 19-1/2	1	-	-
V	29362	PIN HNG 3/16 x 18-1/4	1	-	-
W	80125	WSHR 17/32 x 1-1/16	6	-	-
X	80860	WSHRL M6 SPLIT ZN	4	-	-
Y*	80577	HHCS 5/8 - 11 x 2 GR5 ZN	6	112	152
Z	80082	NUTNY 5/8 - 11 ZN	8	97	71
AA	80338	WSHR 1 IN WROT ZN	2	-	-
BB*	80585	SHCS 5/8 - 11 x 2 BLK	2	112	152
CC	80563	NUTJM 1/2 - 13ZN 1/2 HGTH	1	49	-
DD	80586	HWHTB 5/16 - 18 x 1/2	4	13	18
EE	80347	WSHR 1/4 WROT ZN	4	-	-
FF*	80587	CRBLT 3/8 - 16 x 1	28	-	-
GG	80043	WSHR 3/8 SAE	52	-	-
HH	80424	PINCT 1/8 x 3/4	8	-	-
II*	80163	HHCS 5/16 - 18 x 1-1/2	4	13	18
JJ*	80088	HHCS 3/8 - 16 x 1-1/4 GR8	8	23	31
KK*	80161	HHCS 5/16 - 18 x 1 GR5 ZN	4	13	18
LL	80086	WSHRL 5/16 SPLIT ZN	4	-	-

\* Loctite Required

# PARTS LIST

## Control Levers



# PARTS LIST

## Control Levers

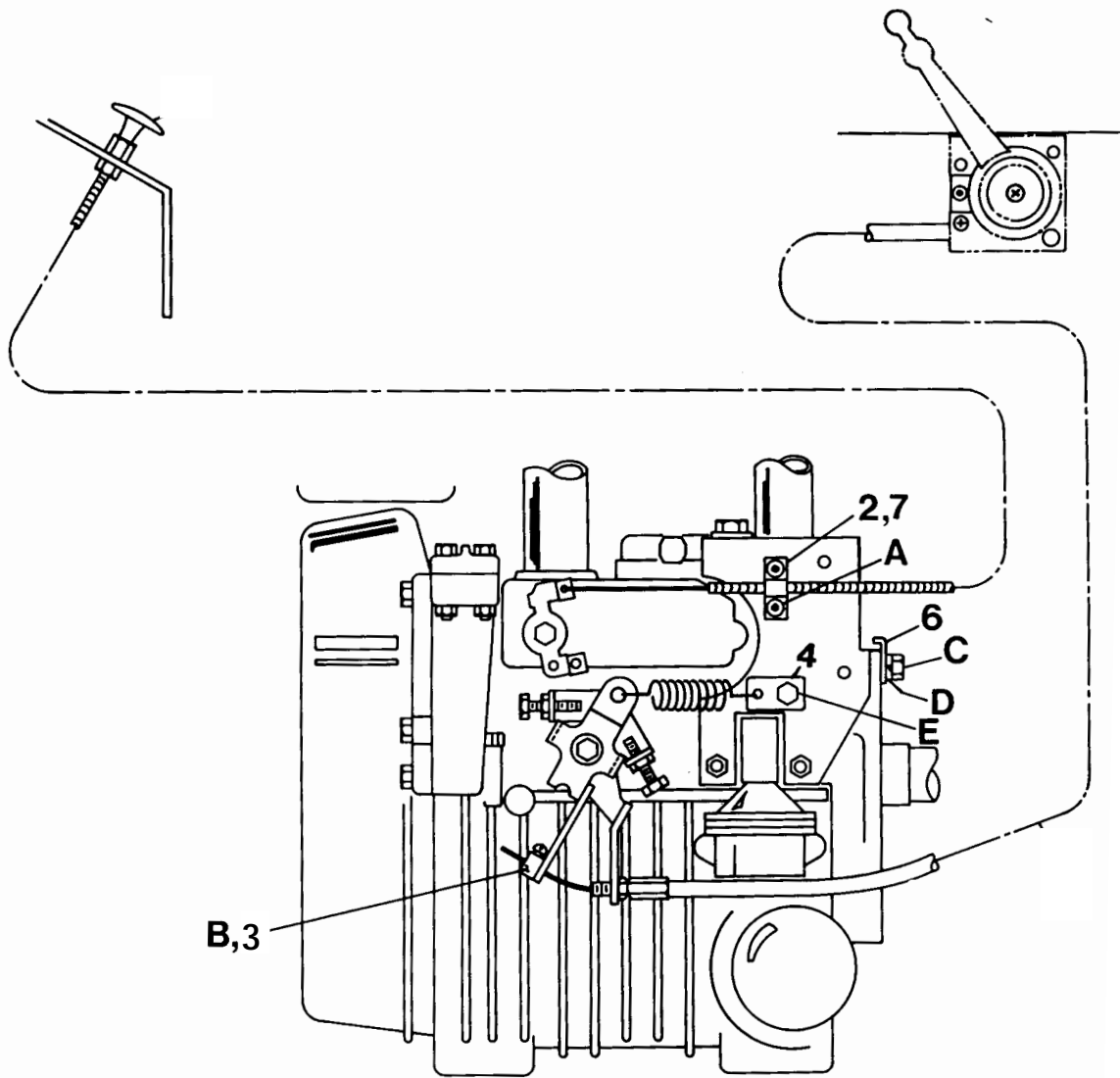
ITEM	PART NO.	DESCRIPTION	QTY.
1	39197	Throttle Assembly	1
	39202	Cable Assembly Throttle	1
2	35456	Cable Choke Gas	1
	41002	Cable Stop Diesel	1
3	38095	Brake Assembly	1
4	41003	Cable Assembly Brake	1
5	39097	Control Forward/Reverse	1
	39321	Switch Neutral/Backup	1
6	38602	Cable Forward/Reverse	1
7	41007	Clamp Cable	1
8	43542-2	Lever Forward/Reverse Gas	1
	43218-2	Lever Forward/Reverse Diesel	1
	80051	NUTNY 1/2-13 ZN Diesel	1
	80015	Key Woodruff Diesel	1
9	38561	Clevis	1
10	43219-2	Bracket Forward/Reverse Cable	1

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A*	80851	NUTNY M6	1	7	(10)
B	39203	WSHR Slotted	1	-	-
C	39204	WSHR Nylon	1	-	-
D	80461	HWHST 10-32 x 1/2	6	3	(4)
E*	80163	HHCS 5/16-18 x 1-1/2 GR5 ZN	4	13	(18)
F	80086	WSHRL 5/16 Split ZN	2	-	-
G*	80686	HHCS 3/8-16 x 3/4 GR8 ZN	2	23	(31)
H	80058	WSHRL 3/8 Split ZN	2	-	-
I	80043	WSHR 3/8 WROT ZN	2	-	-
J	80788	WSHR SPR 1/4 ID 1/2 OD SST	4	-	-
K	80771	SHSHB 1/4 x 5/8 ZN	2	-	-
L	80693	NUTNY 10-24 ZN	2	-	-

\* Loctite Required

# PARTS LIST

Cable Routing - Deutz Diesel



# PARTS LIST

## Cable Routing - Deutz Diesel

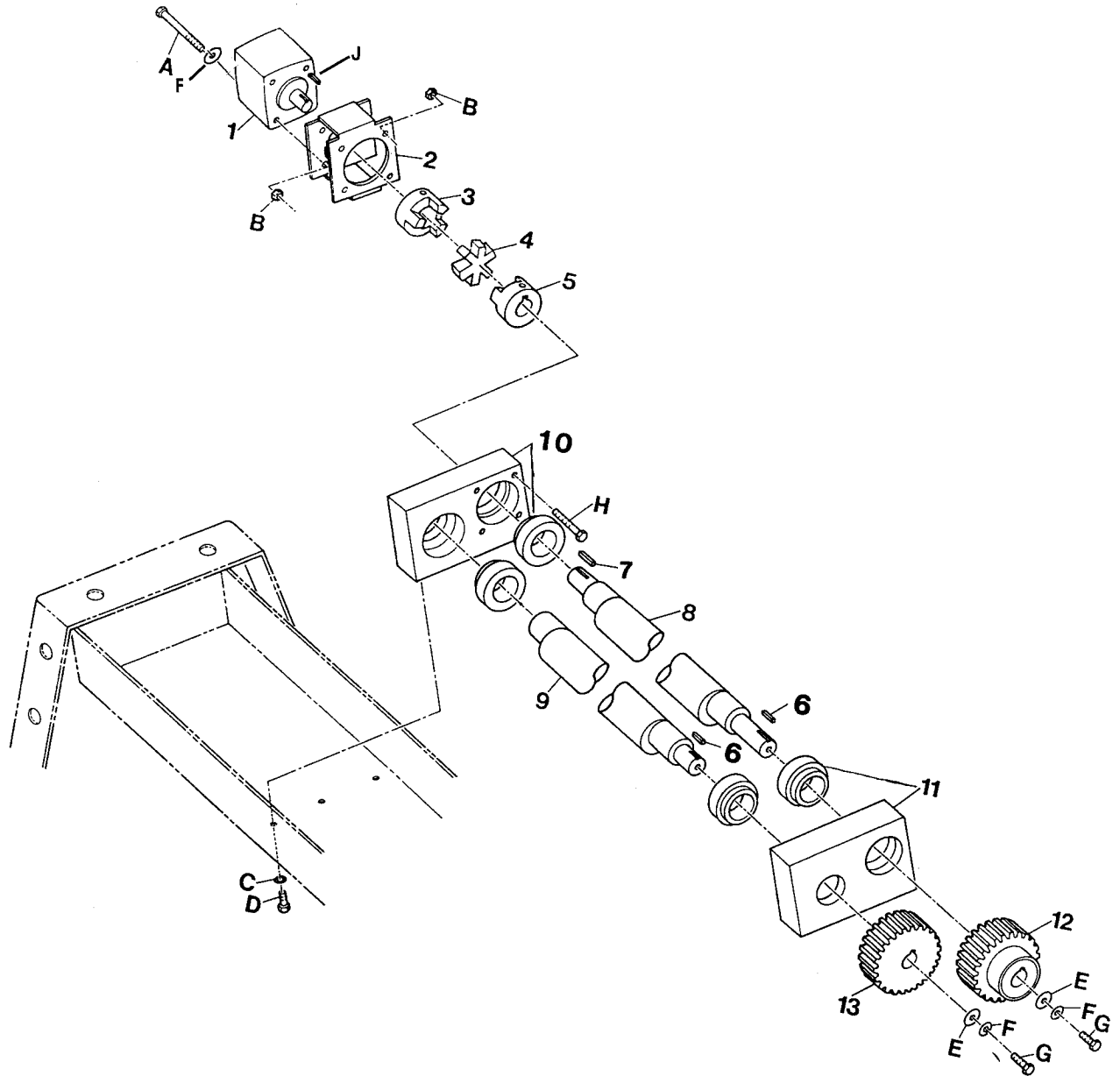
ITEM	PART NO.	DESCRIPTION	QTY.
1	41007	Clamp Conduit	1
2	29761	Clup Spring	1
3	41006	Collar Stop	1
4	29610	Bracket Guide Cable	1
5	47271	Heat Shrink	1

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A*	80461	HWHTB 10 - 32 x 1/2 THRDFRM	2	3	4
B*	80609	RHSMS 8 - 32 x 5/16 BLK	1	-	-
C*	80616	HHCS M10 x 16mm ZN	1	35	48
D	80058	WSHRL 3/8 MED SPLIT ZN	1	-	-
E*	80617	HHCS M6 x 16mm ZN	1	7	10

\* Loctite Required

# PARTS LIST

## Eccentric Assembly



# PARTS LIST

## Eccentric Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	39587	Motor AVR w/HI-PSI Seal	1
2	43003-2	Mtg Weld DM4	1
3*	39075	CPLG Jaw L-090 x .625	1
4	38081	Insert Sox L090	1
5*	38080	CPLG Jaw L-090 x .750	1
6	80593	Key Sq 1/4 x 1 Class 2	2
7	80595	Key Sq 3/16 x 1 Class 2	1
8	22527-2	Ecc Weld/Mach	1
9	22528-2	Ecc Weld/Mach	1
10	29341-2	Hsg Brg Ecc LH w/Brgs	1
11*	29342-2	Hsg Brg Ecc EH w/Brgs	1
12*	38077	Gear Stl Ecc	1
13*	38078	Gear Fib Ecc	1
**	22726	Kit Eccentric Assembly	1

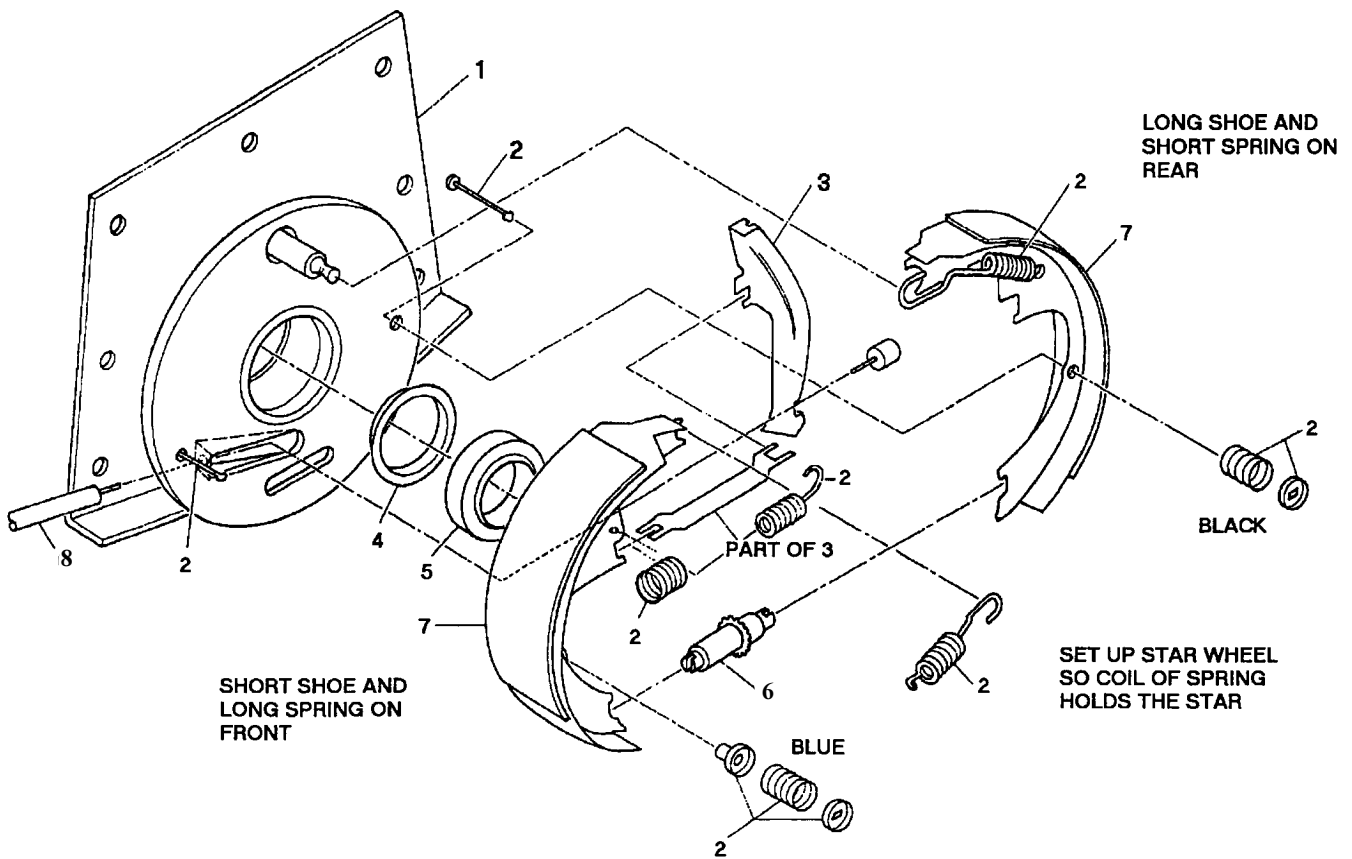
ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A*	80174	HHCS 3/8 - 16 x 1 GR5 ZN	2	23	31
B*	80114	NUTNY 5/16 - 18	8	13	18
C	80117	WSHRL 1/2 MED SPLIT ZN	6	-	-
D*	80104	HHCS 1/2 - 13 x 1-1/4 GR2	6	57	77
E	80564	WSHR 3/8 x 1-1/4	2	-	-
F	80058	WSHRL 3/8 MED SPLIT	4	-	-
G*	80686	HHCS 3/8 - 16 x 3/4 GR8 ZN	2	23	31
H*	80579	HHCS 5/16 - 18 x 2-1/4	4	13	18
J	39222	KEY EATON MOTOR	1	-	-

\* Loctite Required

\*\* Includes items 6-13

# PARTS LIST

## Parking Brake Assembly



# PARTS LIST

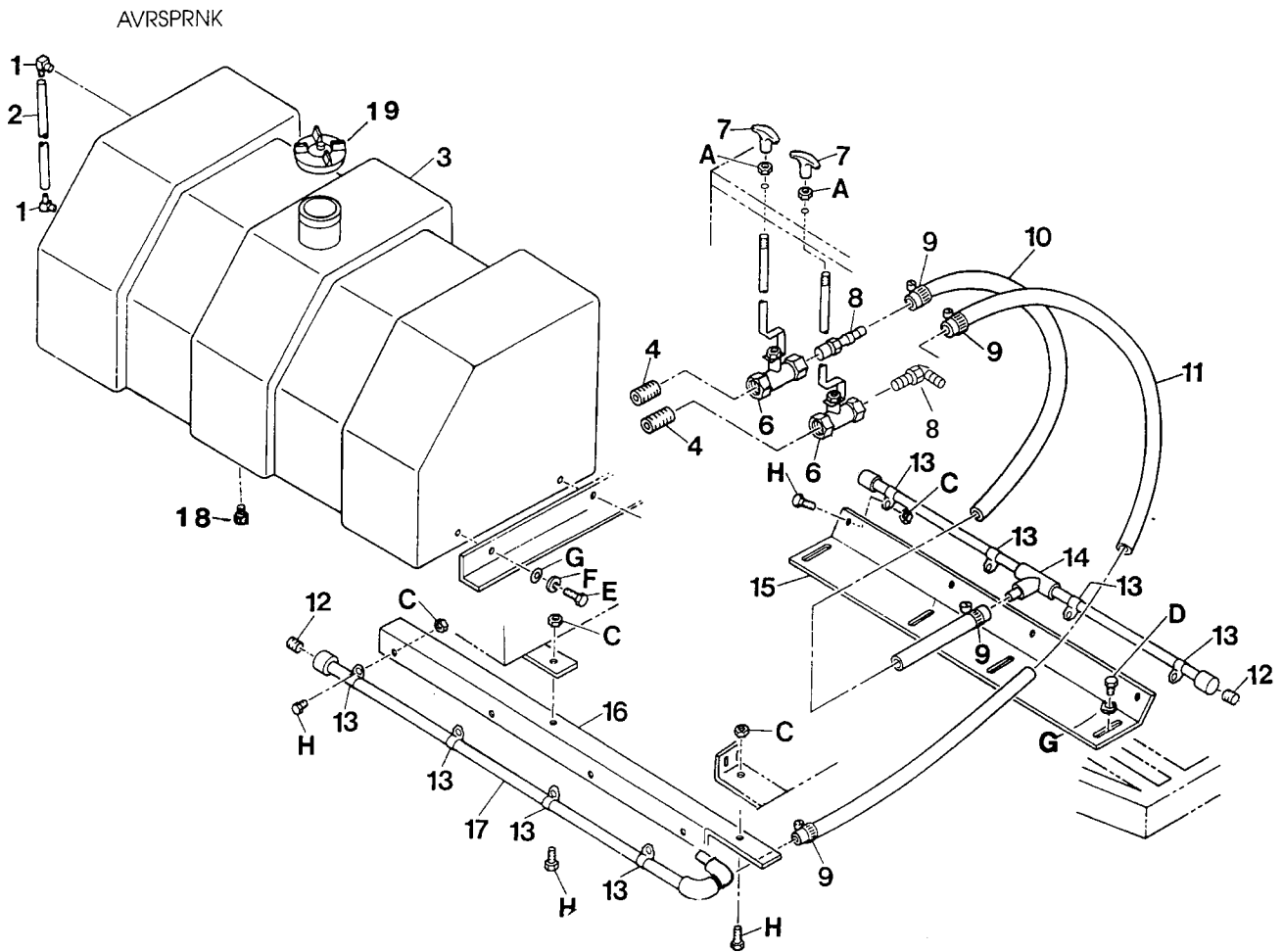
## Parking Brake Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	22441-2	Plt Weld Brake	1
2	22546	Kit Gibson Spr and Pin	1
3	38101	Lvr/Bar Prk Bk	1
4	28898-2	Cap Brg Brk Plt	1
5	32003	Bearing RA 108C2RSAW	1
6	38098	Star Wheel RH	1
7	22547	Shoe Brake Set	1
8	41003	Cable Assy Brake	1
#	22473	Kit Brake Assembly	1

# Not Shown - Kit includes items 1-7

# PARTS LIST

## Water Tank/Sprinkler Assembly



# PARTS LIST

## Water Tank/Sprinkler Assembly

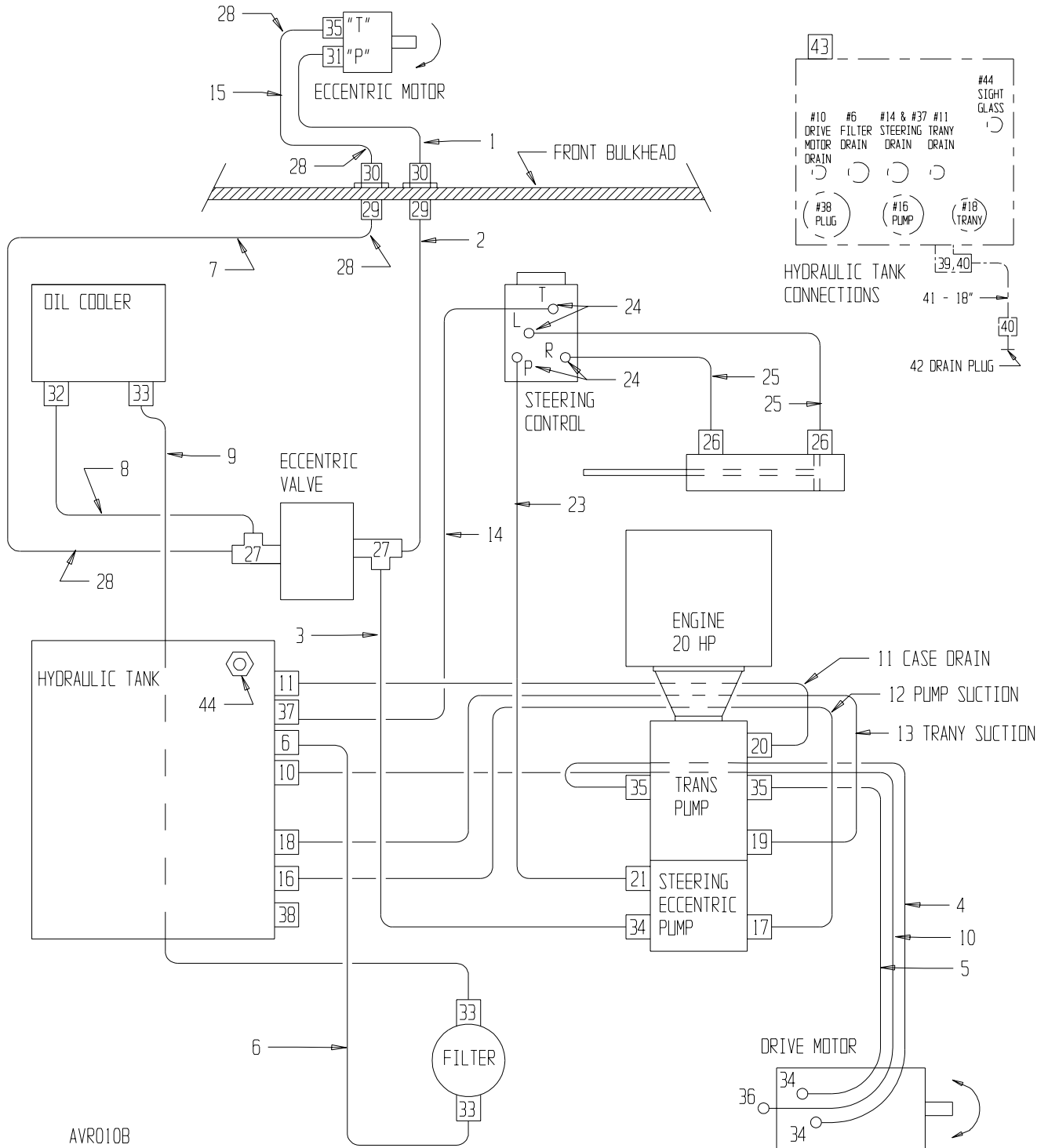
ITEM	PART NO.	DESCRIPTION	QTY.
1	34486	FTG 90 EL NPT x 1/4 BARB	2
2	47295	Hose Teflon	15"
3	47232	Tank Water	1
4	46141	Nipple 1/2 NPT x 4-1/2 LG	2
5	46725	FTG EL 90 1/2 NPT x 5/8H	1
6	29179-2	Valve/Rod Assy.	2
7	47242	Knob T-Handle	2
8	46725	FTG 90-1/2 NPT x 5/8H	2
9	35447	Clamp Worm Drive 1 IN NOM	4
10	90359	Hose Water Black 5/8ID	5'
11	9j0359	Hose Water Black 5/8ID	1'
12	46113	Pipe Plug 3/8	2
13	35448	Clamp 5/8 Rubber Loop	8
14	29169	Sprnk Assy Fnt	1
15	29173-2	Plt Sprnk Mtg Fnt	1
16	43230-2	Brkt Sprink Mtg Rear	1
17	43237	Sprnk Assy Rear	1
18	38797	Plug PVE 1-1/2 NPT	1
19	47241	Cap Plastic 3-1/2 WRT	1

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A	80042	NUTFY 3/8 - 16 ZN	2	23	31
C	80114	NUTNY 5/16 - 18 ZN	10	13	18
D*	80085	HWHTB 5/16 - 18 x 1 THDFRM	4	13	18
E	80145	HHCS 3/8 - 16 x 1-1/4 GR5 ZN	4	23	31
F	80058	WSHRL 3/8 MED SPLIT ZN	4	-	-
G	80342	WSHR FLAT 3/8 SAE ZN	8	-	-
H*	80161	HHCS 5/16 - 18 x 1 GR5 ZN	10	13	18
J*	80163	HHCS 5/16 - 18 x 1-1/2 GR5 ZN	2	13	18

\* Loctite Required

# PARTS LIST

## Piping - Honda Gas



AVR010B

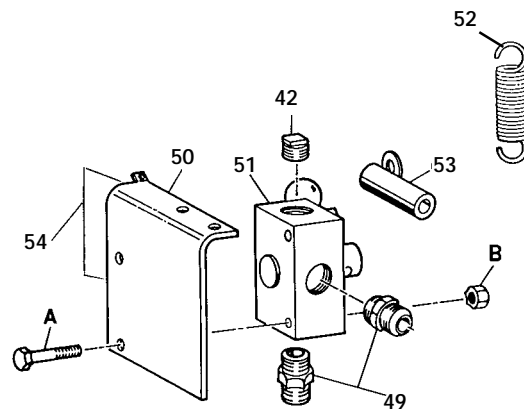
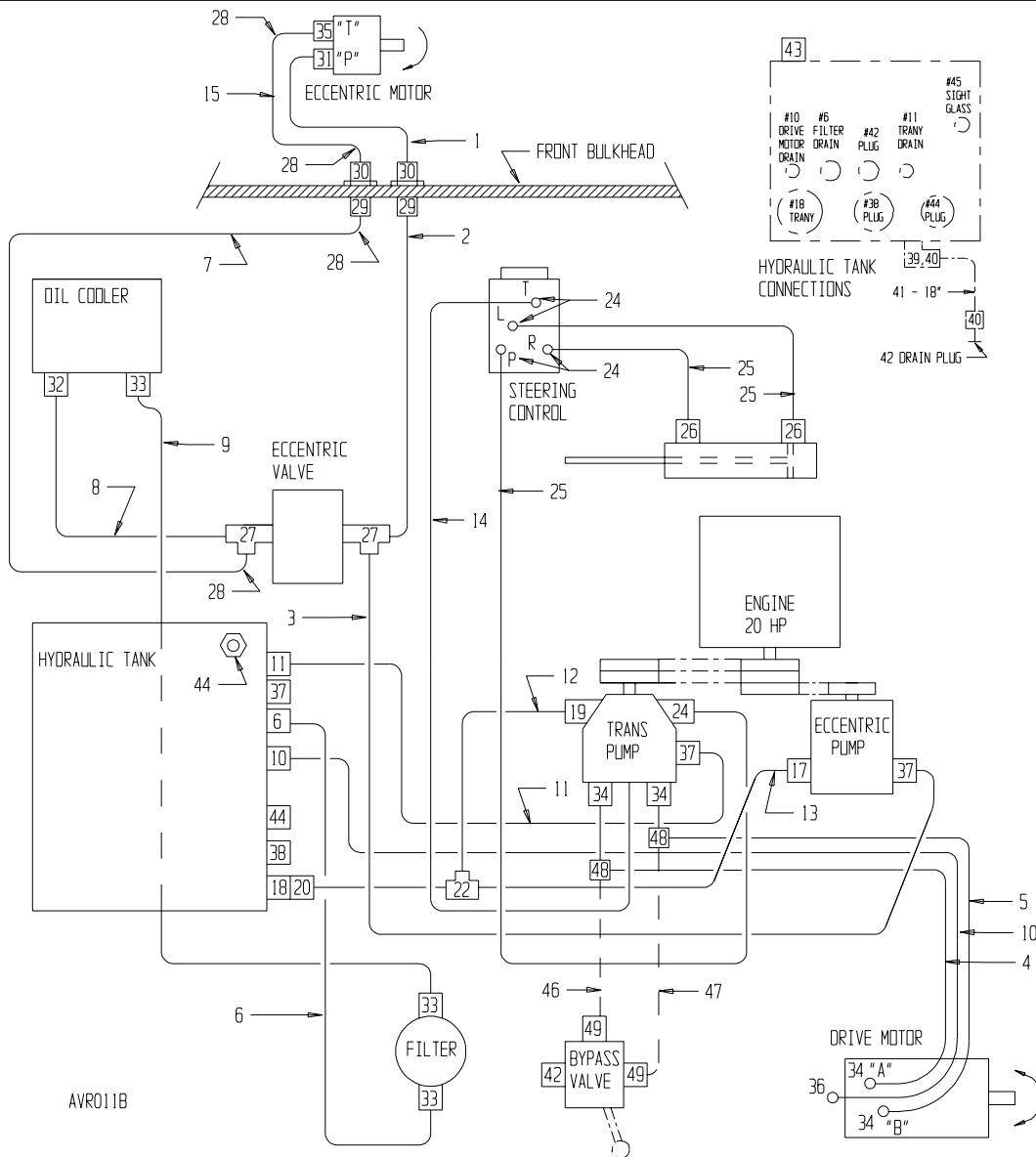
# PARTS LIST

## Piping - Honda Gas

ITEM	PART NO.	DESCRIPTION	QTY.
1	46775	HOSE 3/4 RJ9 x 3/4 RJ9 49"	1
2	46776	HOSE 3/4 RJ9 x 3/4 RJ9 33"	1
3	46777	HOSE 3/4 RJ4 x 3/4 FJ 19"	1
4	46778	HOSE 3/4 RJ9 x 3/4 RJ9 64"	1
5	46779	HOSE 3/4 RJ9 x 3/4 RJ4 42"	1
6	46780	HOSE 1/2 NPT x 3/4 JSW 18 1/2"	1
7	46781	HOSE 3/4 JSW x 3/4 JSW 56"	1
8	46782	HOSE 3/4 JSW x 3/4 JSW 28"	1
9	46783	HOSE 3/4 JSW x 3/4 JSW 48"	1
10	46784	HOSE 3/8NPT x 9/16FJ 78"	1
11	46785	HOSE 3/8 NPT x 34"	1
	46819	CLAMP HOSE 5/8"	1
12	46786	HOSE 1" LOW PRESS 36"	1
	46817	CLAMP HOSE 1 1/2"	2
13	46787	HOSE 3/4" LOW PRESS 34"	1
	46818	CLAMP HOSE 1"	2
14	46788	HOSE 9/16FJ 9/16RJ9 56"	1
15	46789	HOSE 3/4 JJW x 3/4 JSW 47"	1
16	46790	FTG EL 90 3/4NPT x 1" HOSE	1
17	46791	FTG EL 90 1-5/16OR x 1" HOSE	1
18	46792	FTG EL 90 1/2NPT x 1/2" HOSE	1
19	46793	FTG EL 90 3/4OR x 1/2" HOSE	1
20	46794	FTG EL 90 9/16OR x 3/8" HOSE	1
21	46816	FTG EL 45 9/16J 3/4OR	1
23	46658	HOSE 9/16FJ x 9/16 FJ 52"	1
24	46115	FTG STR 9/16J 9/16OR	4
25	46657	HOSE 9/16FJ x 9/16RJ 70"	2
26	46181	FTG STR 9/16J 3/8NPT	2
27	46795	FTG TEE 3/4OR X 3/4J x 3/4J	2
28	46123	FTG EL 90 3/4J x 3/4JSW	4
29	46796	FTG LONG 3/4J x 3/4J	2
30	46797	NUT HYD 3/4JIC	2
31	46324	FTG EL 90 3/4J 1-1/16OR	1
32	46327	FTG STR 3/4NPT 3/4J	1
33	46331	FTG EL 90 3/4J 3/4NPT	3
34	46197	FTG STR 3/4J 7/8OR	3
35	46647	FTG STR 3/4J x 1-1/16OR	3
36	46182	FTG EL 90 9/16J 7/16OR	1
37	46174	FTG STR 9/16J 1/2NPT	1
38	46798	PLUG HYD 2"NPT HEX HD ZN	1
39	46112	FTG EL 90 1/2MPT x 1/2 FPT	1
40	46132	FTG STR 1/2NPT 5/8H-BARB	1
41	46803	HOSE 5/8 x 18"	1
42	46107	PLUG 1/2 NPT SQ HD BLK	1
43	46173	PLUG 3/4 NPT SQ HD ZN	1
44	46172	SIGHTGLASS	1

# PARTS LIST

## Piping - Deutz Diesel



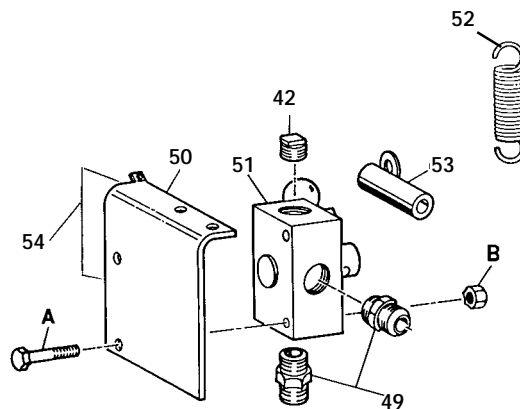
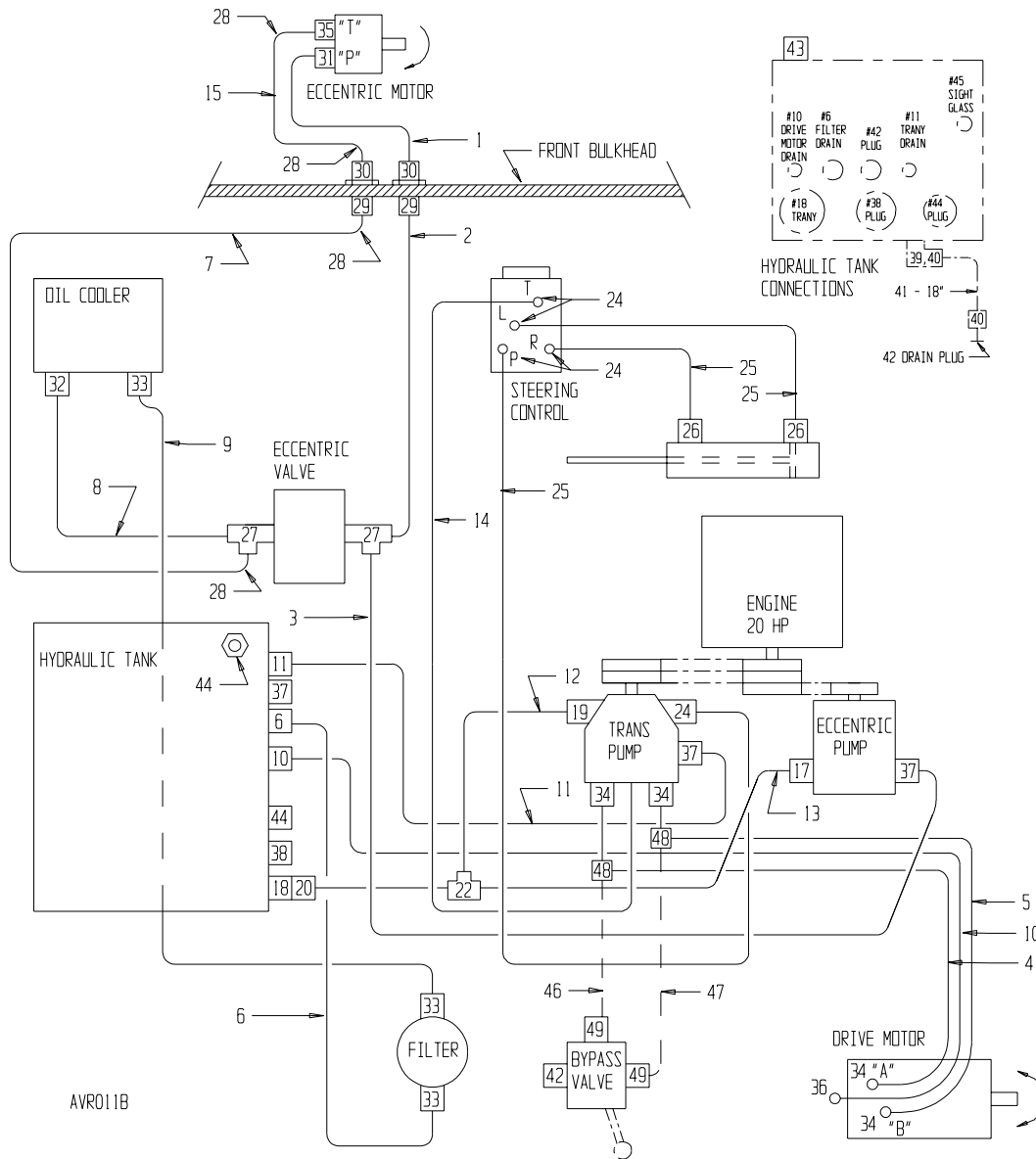
# PARTS LIST

Piping - Deutz Diesel

ITEM	PART NO.	DESCRIPTION	QTY.
1	46775	HOSE 3/4 RJ9 x 3/4 RJ9 49"	1
2	46776	HOSE 3/4 RJ9 x 3/4 RJ9 33	1
3	46809	HOSE 3/4RJ4 x 3/4RJ4 36"	1
4	46421	HOSE 3/4RJ 3/4RJL 52IN	1
5	46420	HOSE 3/4RJ 3/4RJ 52IN	1
6	46780	HOSE 1/2 NPT x 3/4 JSW 18 1/2	1
7	46781	HOSE 3/4 JSW x 3/4 JSW 56	1
8	46782	HOSE 3/4 JSW x 3/4 JSW 28	1
9	46783	HOSE 3/4 JSW x 3/4 JSW 48	1
10	46784	HOSE 3/8NPT x 9/16FJ 78"	1
11	46799	HOSE 3/8NPT x 3/4FJ 27"	1
12	46554	HOSE 7/8FJ x 7/8FJ 22"	1
13	46800	HOSE 1-1/16FJ 7/8FJ 16"	1
14	46788	HOSE 9/16FJ 9/16RJ9 56	1
15	46789	HOSE 3/4 JJW x 3/4 JSW 47	1
16	46558	FTG EL45 7/8 JSW	1
17	46801	FTG EL 45 1-1/16J 1-5/16OR	1
18	46156	FTG RDCR 1-1/4MPT x 1/2FPT	1
19	46124	FTG HYD STR 7/8J x 7/8OR	1
20	46179	FTG HYD STR 1/2NPT 7/8J	1
22	46180	FTG HYD TEE 7/8JIC RUN	1
24	46115	FTG HYD STR 9/16J 9/16OR	6
25	46657	HOSE 9/16FJ x 9/16RJ 70"	3
26	46181	FTG HYD 9/16J 3/8NPT	2
27	46795	FTG TEE 3/4OR x 3/4J X 3/4J	2
28	46123	FTG HYD 90 EL 3/4J x 3/4JSW	4
29	46796	FTG LONG 3/4J x 3/4J	2
30	46797	NUT HYD 3/4JIC	2
31	46324	FTG HYD EL 3/4J 1-1/16OR	1
32	46327	FTG HYD ST 3/4NPT 3/4J	1
33	46331	FTG EL 90 3/4J 3/4NPT	3
34	46197	FTG HYD 3/4J 7/8OR 6400-8-10	4
35	46647	FTG HYD 3/4J x 1-1/16OR	1
36	46182	FTG EL 90 9/16J 7/16OR	1
37	46366	FTG EL 90 3/4J 7/8OR	2
38	46802	PLUG PIPE 1-1/4NPT HEX HD ZN	1
39	46112	ELBOW, STREET, 1/2 x 90 DEG	1

# PARTS LIST

## Piping - Deutz Diesel Cont'd.



# PARTS LIST

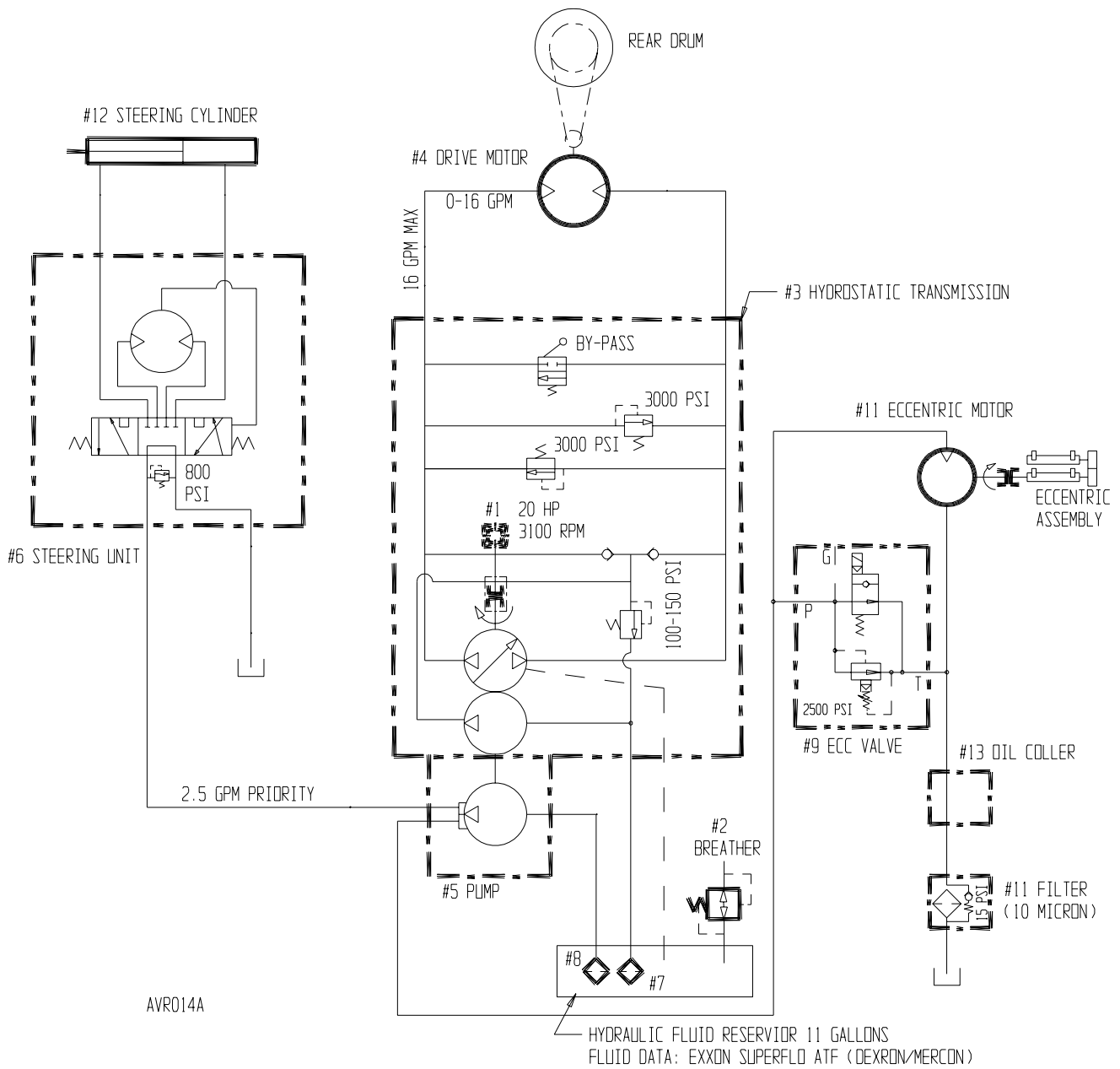
## Piping - Deutz Diesel Cont'd.

40	46132	FTG HYD 1/2NPT 5/8H-BARB	1
41	46803	HOSE 5/8 PUSH-LOC	1
42	46107	PLUG 1/2 NPT SQ HD BLK	3
43	46173	PLUG 3/4 NPT SQ HD ZN	1
44	46172	PLUG 1 NPT SQ SOC BLK	5
45	38543	SIGHT GLASS	1
46	46810	HOSE 3/4FJ 3/4FJ 20"	1
47	46811	HOSE 3/4FJ 3/4RJ9 17.5"	1
48	46328	FTG HYD TEE 3/4JSW 3/4J	2
49	47256	FTG HYD 3/4J 1/2NPT	2
50	22564-2	BRACKET BYPASS	1
51	46171	VALVE BYPASS	1
52	38207	SPRING BYPASS	1
53	22565-2	TUBE BYPASS	1
54	55147	TAG BYPASS	1
A*	80579	HHCS 5/16 - 18 x 2 1/4 GR5 ZN	2
B	80114	NUTNY 5/16 - 18 ZN	2

\* Loctite Required

# PARTS LIST

## Hydraulic Schematic - Honda Gas



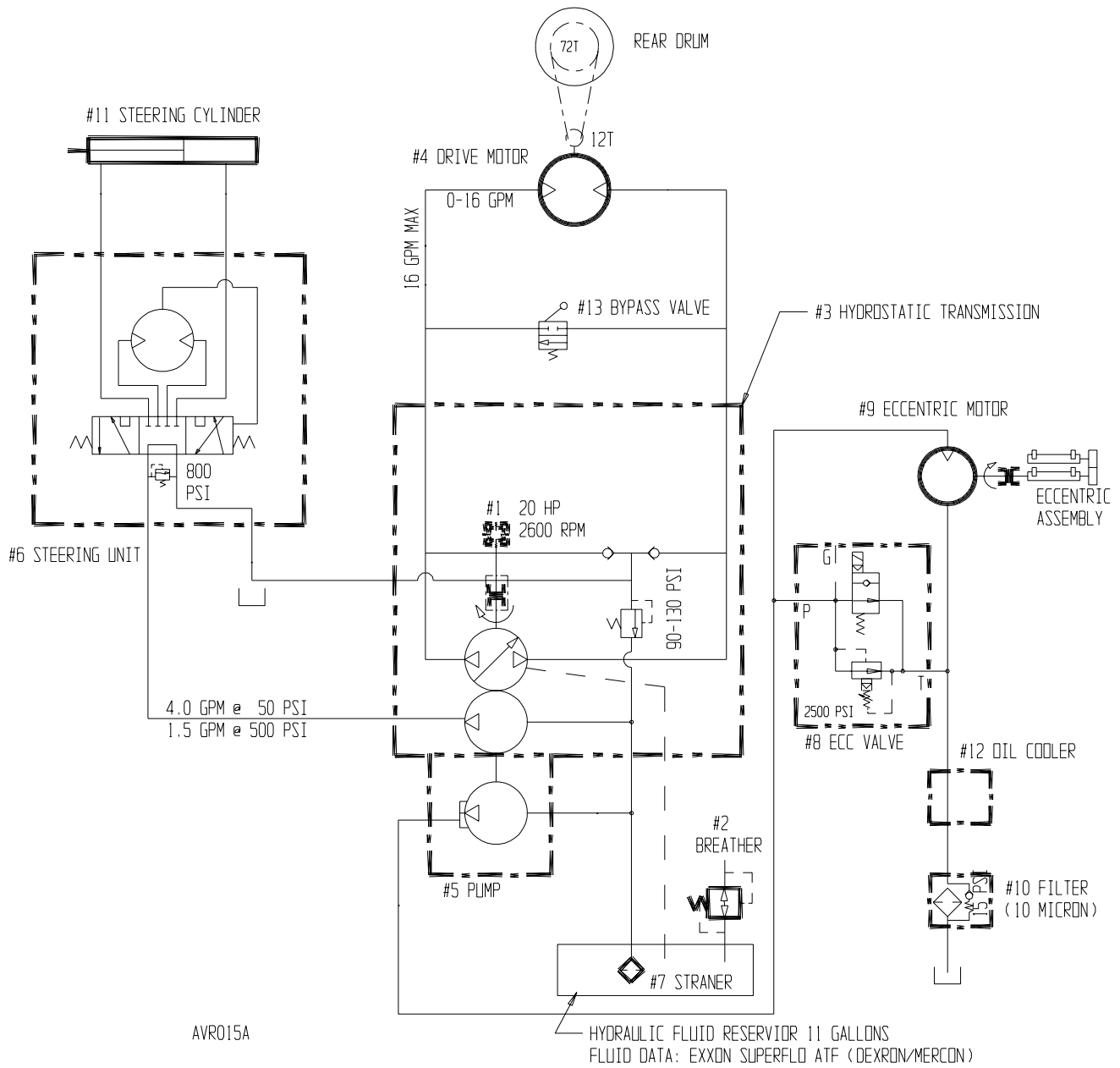
# PARTS LIST

## Hydraulic Schematic - Honda Gas

ITEM	PART NO.	DESCRIPTION	QTY.
1	43775	Engine Honda 20HP	1
2	35483	Breather	1
3	39586	Pump Transmission	1
4	38093	Motor Drive	1
5	39086	Pump Steering/Eccentric	1
6	46653	Control Steering	1
7	39087	Strainer 5 GPM	1
8	39088	Strainer 10 GPM	1
9	39089	Valve Eccentric	1
10	39587	Motor Eccentric	1
11	35444	Filter Hydraulic	1
	35445	Element Filter	1
12	38084	Cylinder Steering	1
13	38446	Cooler Oil	1
	38448	MTR/Fan Assembly	1

# PARTS LIST

## Hydraulic Schematic - Deutz Diesel



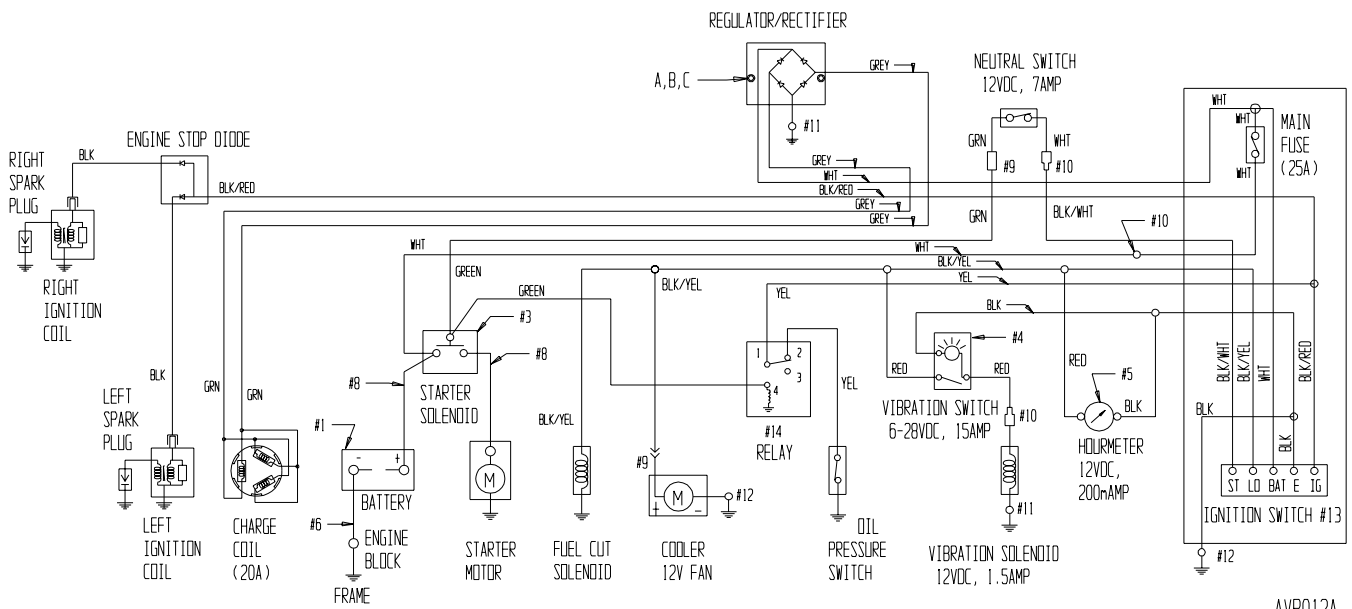
# PARTS LIST

## Hydraulic Schematic - Deutz Diesel

ITEM	PART NO.	DESCRIPTION	QTY.
1	30253	Engine Deutz 20HP	1
2	35483	Breather	1
3	38746	Pump Transmission	1
4	38093	Motor Drive	1
5	39572	Pump Eccentric	1
6	46653	Control Steering	1
7	35482	Strainer 25 GPM	1
8	39089	Valve Eccentric	1
9	39587	Motor Eccentric	1
10	35444	Filter Hydraulic	1
	35445	Element Filter	1
11	38084	Cylinder Steering	1
12	38446	Cooler Oil	1
	38448	MTR/Fan Assembly	1
13	46171	Valve Bypass	1

# PARTS LIST

## Wiring Schematic - Honda Gas



AVR012A

# PARTS LIST

## Wiring Schematic - Honda Gas

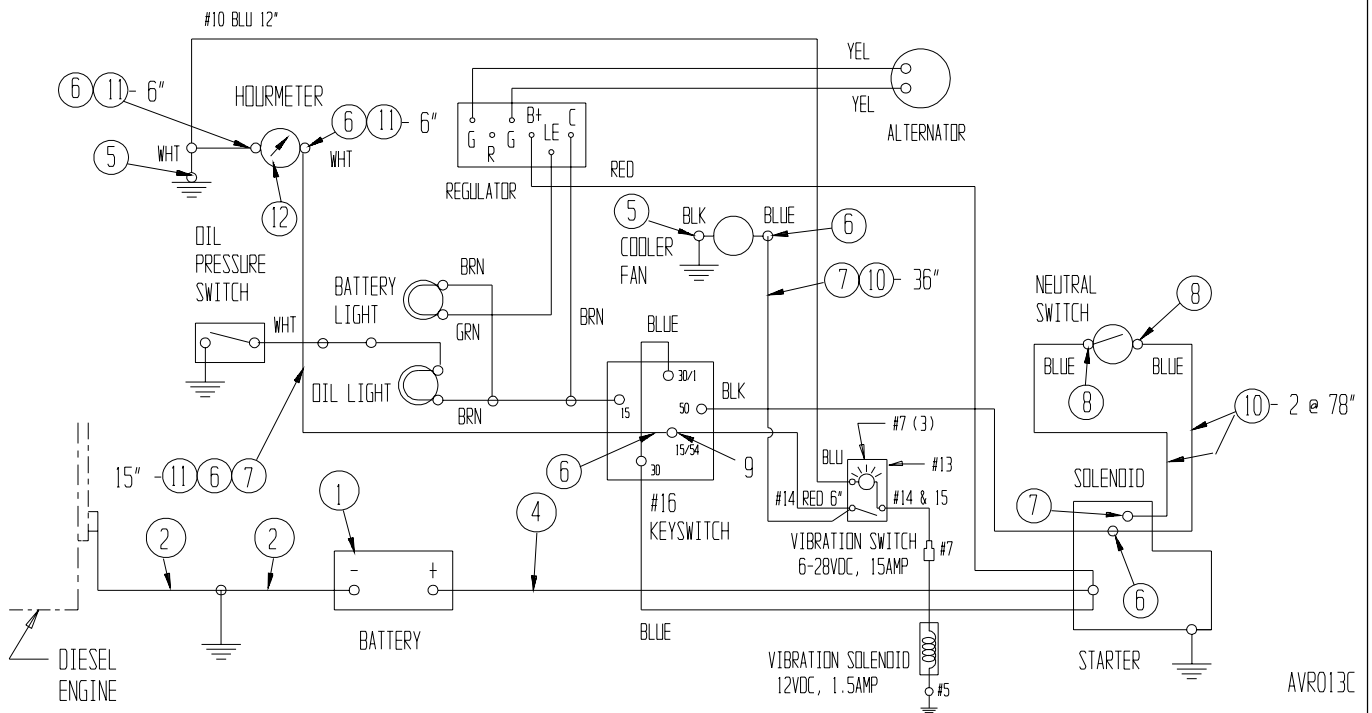
ITEM	PART NO.	DESCRIPTION	QTY.
1	38543	Battery	1
2	48402	Harness	1
3	48269	Solenoid	1
4	39653	Switch Vibration	1
5	36268	Hour meter	1
6	48284	Cable 25" Black	1
8	48363	Cable 15" Red	2
9	48278	Term Female .25F-Insul 14-16	1
10	48285	Term Male .25 F-Insul 14-16	2
11	36115	Term 5/16 Ring Insul 14-16	2
12	36116	Term 1/4 Ring Insul 14-16	2
13	31227	Ignition Switch Assy	1
14	48364	Relay	1

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE	
				FT. LBS.	Nm
A	80851	NUTNY M6 ZN	2	-	-
B	80856	WSHR M6 Flat ZN	2	-	-
C	80811*	HHCS M6 x 1 8.8 ZN	2	-	-

\* Loctite Required

# PARTS LIST

## Wiring Schematic - Deutz Diesel



AVR013C

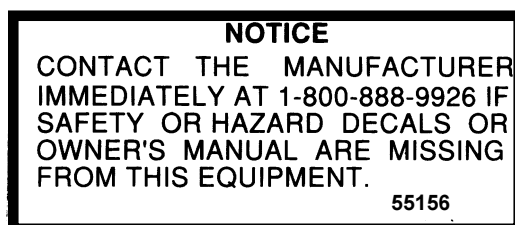
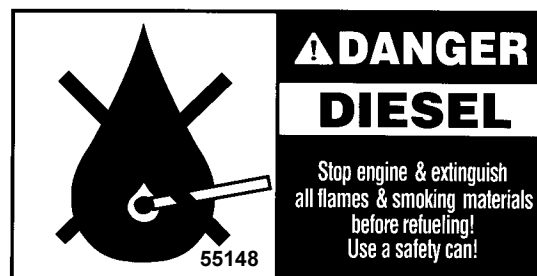
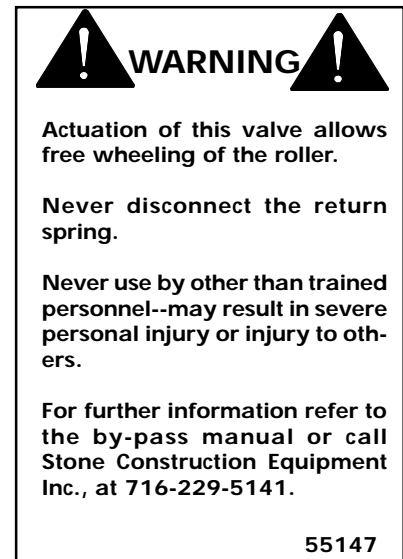
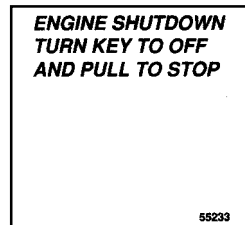
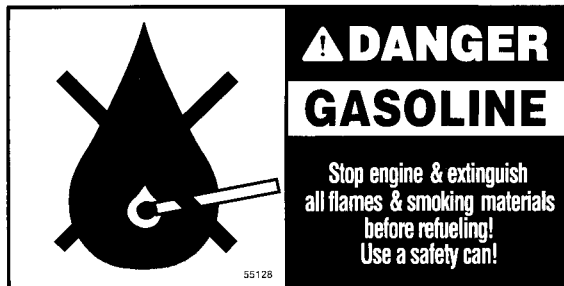
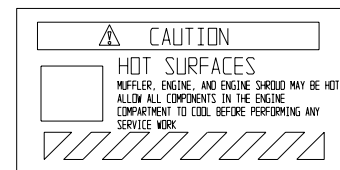
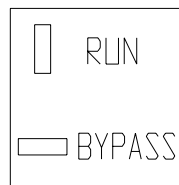
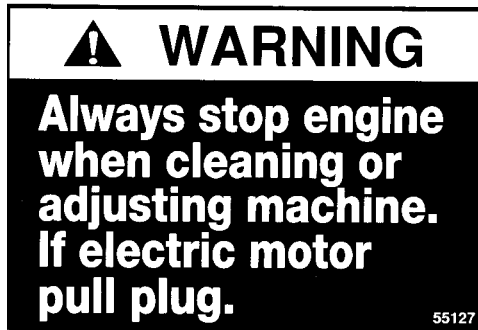
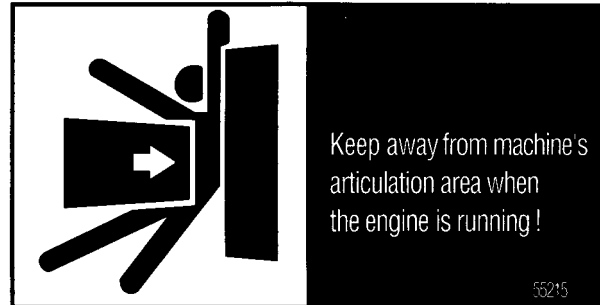
# PARTS LIST

## Wiring Schematic - Deutz Diesel

ITEM	PART NO.	DESCRIPTION	
1	38543	Battery 350 CCA	1
2	38115	Cable Battery 12-1/2	2
4	48294	Cable Starter 54"	1
5	36115	Term Ring .31 Insul 14-16GA	3
6	48278	Term Fem .25 F-Insul 14-16GA	6
7	48285	Term Male .25 F-Insul 14-16GA	7
8	48013	Term Ring #10 Insul 14-16GA	2
9	36273	Term P-back .25 Insul 14-16GA	1
10	48235	Wire 14GA Type SXL Blue	16.5 Ft.
11	48233	Wire 14GA Type SXL White	2.25 Ft.
12	36268	Hour Meter	1
13	38562	Switch Vibration	1
14	48409	Wire 14GA Type SXL Red	4.5 Ft.
15	39508	Loom 3/8	4 Ft.
16	36287	Keyswitch	1
17	35448	Clamp	1

# PARTS LIST

## Decal Identification



# PARTS LIST

## Decal Identification

ITEM	PART NO.	DESCRIPTION	QTY.
1	55011	DECAL WARNING COVER OPEN	1
2	55127	DECAL WARNING STOP ENGINE	1
3	55293	DECAL DANGER GASOLINE	1
4	55147	TAG HYD BY-PASS	1
5	55148	DECAL WARNING DIESEL	1
6	55156	DECAL NOTICE	1
7	55215	DECAL WARNING PINCH POINT	1
8	55233	DECAL DIESEL SHUTDOWN	1
9#	55364	DECAL SET CONTROL FWD/RVS	1
10#	55380	DECAL MAINTENANCE CHART	1
11#	55214	DECAL STA-BIL	1
12#	55227	DECAL SPRINKLERS	1
13#	55231	DECAL KEY SWITCH DIESEL	1
14#	55232	DECAL CAUTION KEY SWITCH DIESEL	1
15#	55234	DECAL HYD FLUID ATF	1
16#	55328	DECAL ENGINE RPM	1
17#	55304	DECAL LOGO STRIPE	1
18#	55305	DECAL WOLFPAC 4000 RH	1
19#	55306	DECAL WOLFPAC 4000 LH	1
20#	55311	DECAL WOLFHEAD	1
21	55371	DECAL HOT SURFACES	1
22	55297	DECAL BYPASS	1
23	55375	DECAL FUEL SHUT-OFF	1

# Not Shown