



OPERATOR/SERVICE MANUAL

MODELS/MANUAL: RD24HT, RD33HT, RDS33HT

MODELS/REMOTE: RD24HTR, RD33HTR, RDS33HTR



BULLDOG® Trench Roller

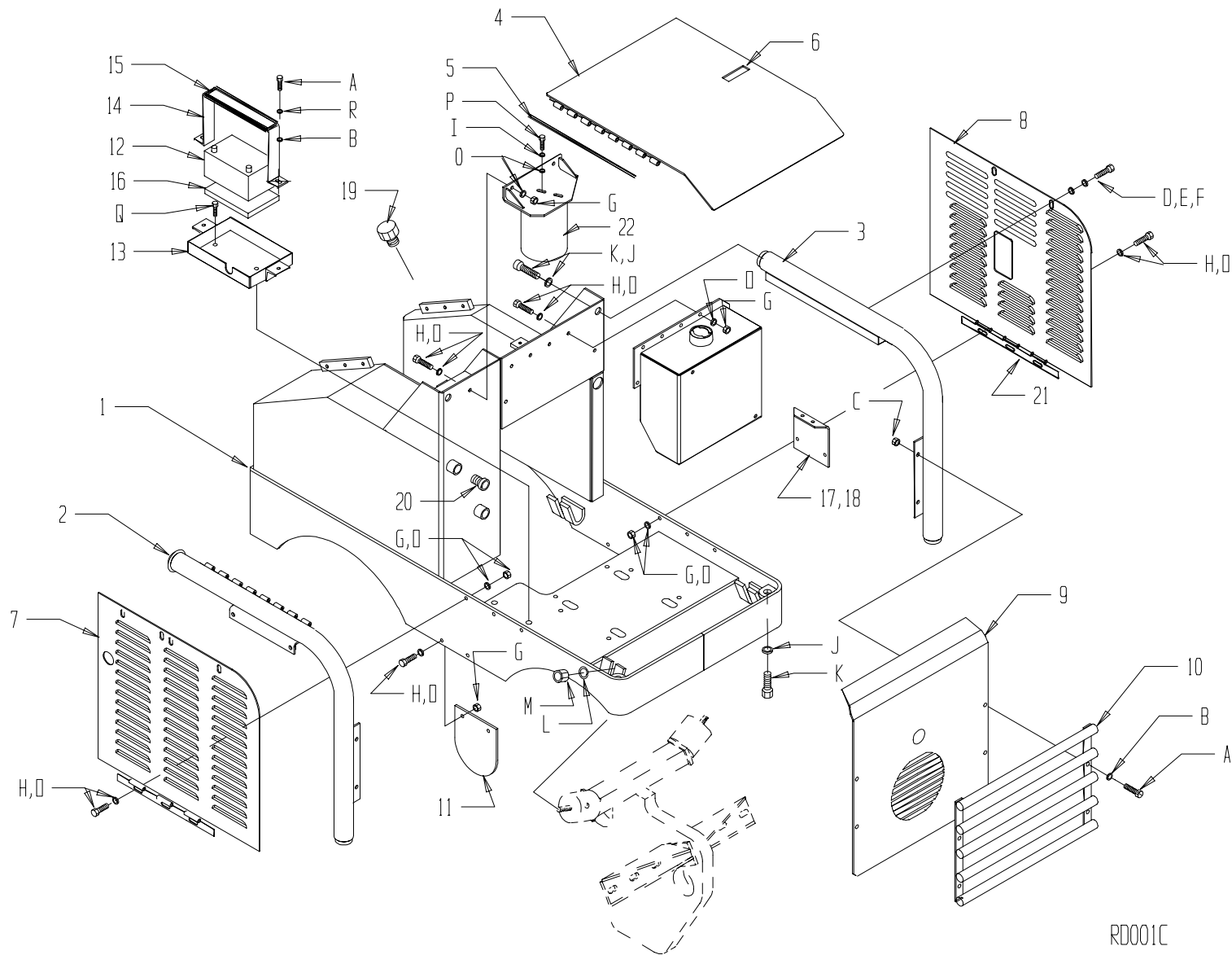
Stone Construction Equipment, Inc.
P.O. Box 150, Honeoye, New York 14471
Phone: (800) 888-9926
Fax: 716-229-2363
E-Mail: SCENY@MCIMAIL.COM
[www: stone-equip.com](http://www.stone-equip.com)

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Upper Frame Assembly



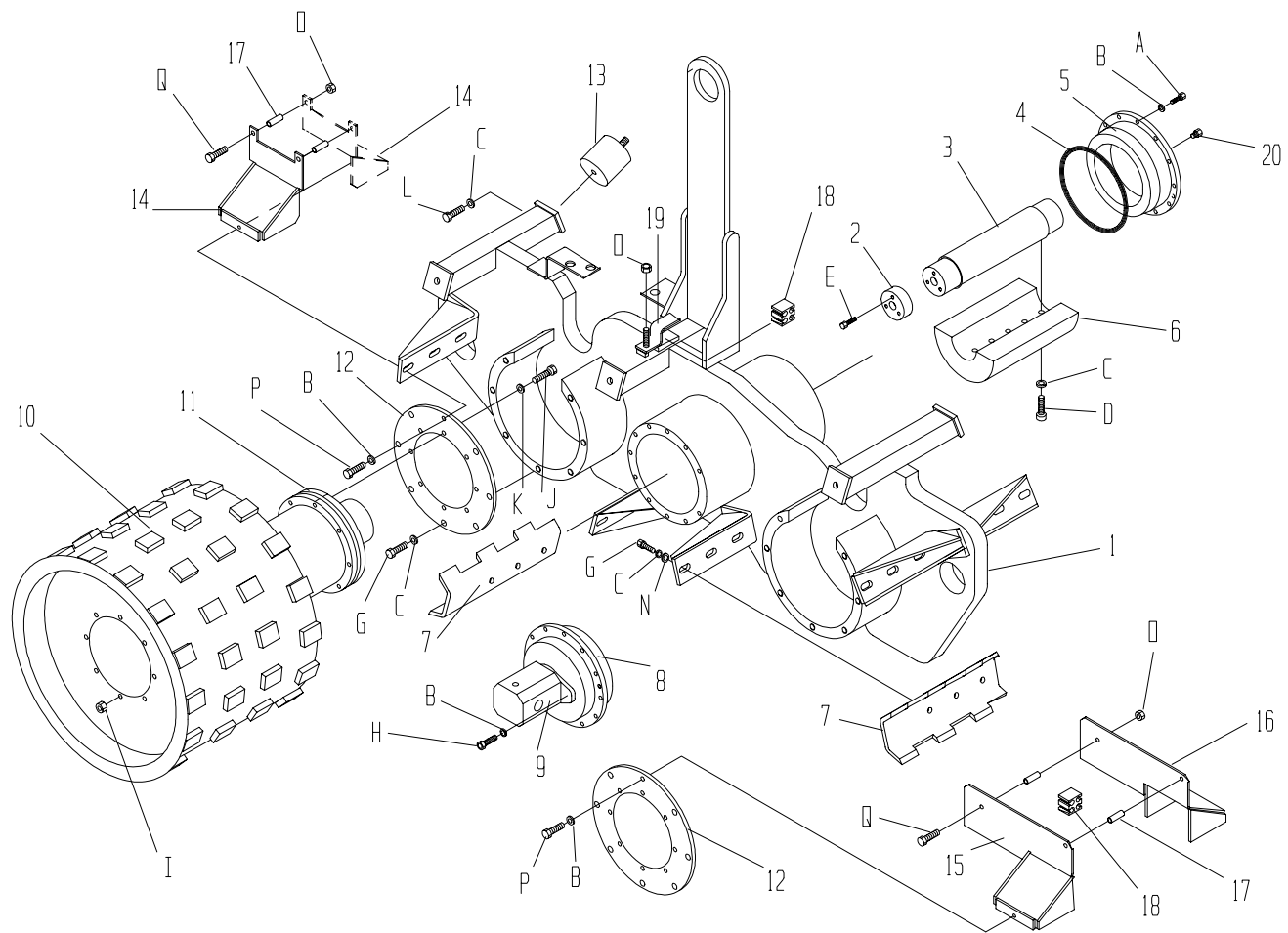
RD001C

Upper Frame Assembly Parts List

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
1	43700-Yel	Frame Weld Upper	1	A*	80145	HHCS 3/8-16 X 1-1/4 GR5 ZN	4	23
2	42884-Yel	Rollbar RH	1	B	80342	WSHR 3/8 SAEZN	4	-
3	43719-Yel	Rollbar LH	1	C	80056	NUTNY 3/8 - 16 ZN	4	-
4	43718-Gry	Cover Weld Hatz	1	D	80665	HHCS 3/8-16 X 1 SS	4	23
5	42483	Pin Cover	1	E	80666	WSHR 3/8 FLAT SS	4	-
6	41030	Latch Cover	1	F	80058	WSHRL 3/8 SPLIT ZN	4	-
7	42962-Gry	Shield Side RH	1	G	80114	NUTNY 5/16 - 18 ZN	14	-
8	42963-Gry	Shield Side LH	1	H*	80161	HHCS 5/16 - 18 X 1 GR5 ZN	14	13
9	43728-Gry	Panel Front	1	I	80086	WSHRL 5/16 SPLIT ZN	4	-
10	42559-Gry	Guard Weld Brush	1	J	80671	WSHRL 3/4 SPLIT ZN	4	-
11	42045-Gry	Guard Ecc Motor	1	K*	80753	SHCS 3/4-10 X 1-1/4 BLK	4	200
12	36319	Battery	1	L	80118	WSHR 1/2 WROT	6	-
13	43695-Yel	Box Weld Battery	1	M*	80537	NUTFL 1/2-20 ZN	6	90
14	43697-Yel	Strap Battery	1	O	80348	WSHR 5/16 WROT ZN	26	-
15	38828	Wrap Strap Poly	1	P*	80159	HHCS 5/16 - 18 X 3/4 GR5 ZN	4	13
16	47392	Liner Battery	1	Q*	80649	BHSCS 3/8 - 16 X 3/4 BLK	2	23
17	43019-Gry	Bracket Filter/Sep	1	R	80058	WSHRL 3/8 SPLIT ZN	2	-
18	43020-Gry	Strap Filter/Sep	1					
19	38521	Breather	1					
20	38534	Sight Glass	1					
21	38802	Hinge	2					
22	38636	Filter Assembly	1					
	38638	Element Only	1					

REMARK: * Loctite required.

Lower Frame Assembly



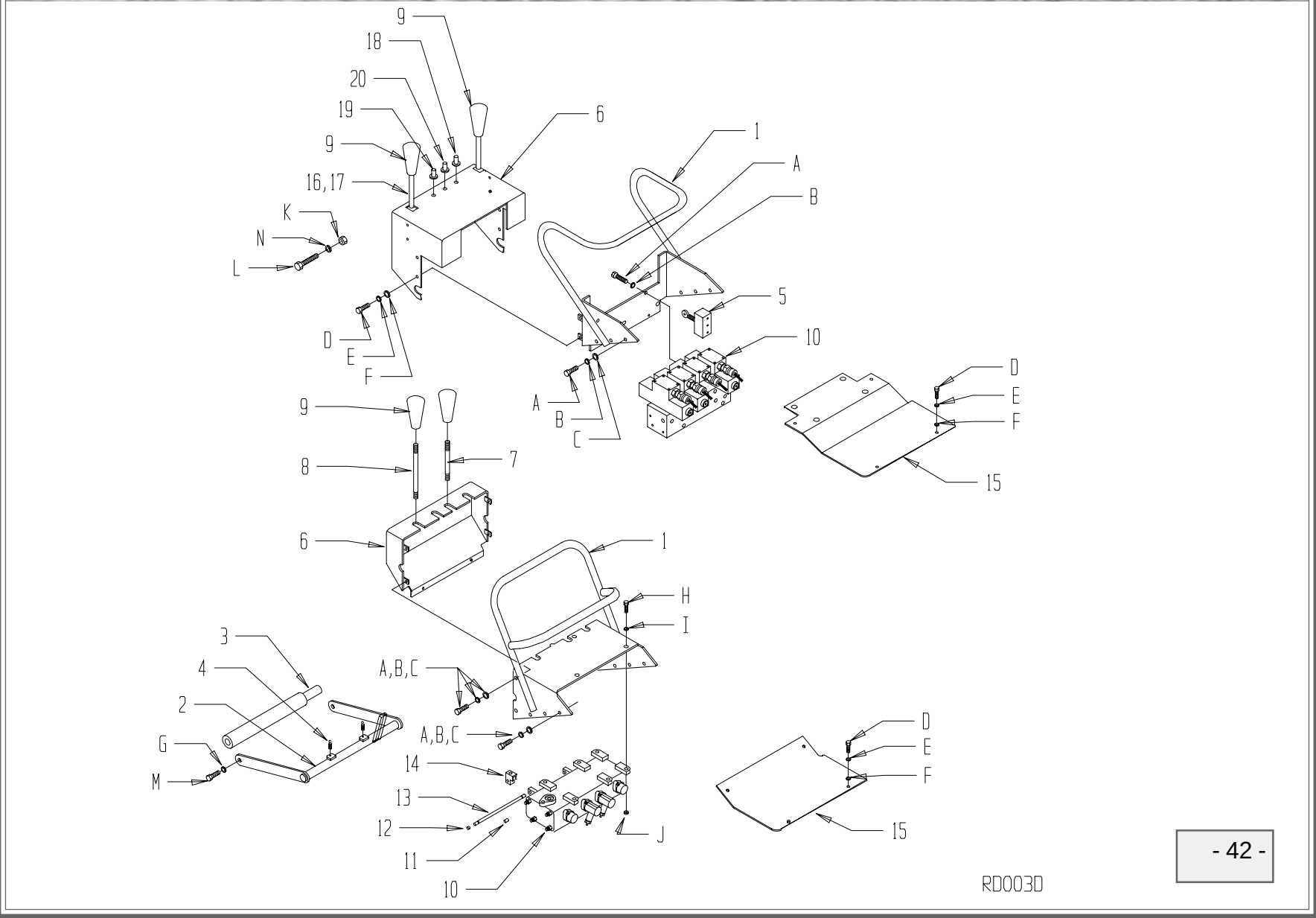
RD002B

Lower Frame Assembly Part Numbers

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
1	42936-2	Frame Weld Lower	1	A*	80702	HHCS 3/8-16 X 1-1/4 GR 5 ZN	24	23
2	29266	Eccentric Extension	1	B	80058	WSHRL 3/8 MED SPLIT ZN	30	-
3	42306	Eccentric Shaft	1	C	80117	WSHRL 1/2 MED SPLIT ZN	79	-
4	32216	O-Ring 8 Nom ID	2	D*	80662	SHCS 1/2-13 X 2-1/4 BLK	5	80
5	22706-2	Bearing/Endcap Assembly	1	E*	80049	SHCS 5/16-18 X 1-1/4 BLK	3	18
6	42307	Eccentric Weight	1	G*	80703	HHCS 1/2-13 X 1-1/2 GR5 ZN	68	57
7	42204-2	Scraper Wide	8	H*	80101	SHCS 3/8-16 X 1-1/4 BLK	2	23
	42205-2	Scraper Narrow	8	I*	80650	LUGNUT 9/16 ZN	32	122
	42206-2	Scraper Smooth	8	J*	80203	HHCS 5/8-11 X 1-1/4 GR 5 ZN	24	159
8	22707-2	Bearing/Motorcap Assembly	1	K	80337	WSHRL 5/8 MED SPLIT ZN	24	-
9	30271	Eccentric Motor	1	L*	80645	HHCS 1/2-20 X 1 GR 5 BLK	6	90
	47301	O-Ring	1	N	80118	WSHR 1/2 WROT ZN	24	-
10	29766-2	Wide Drum	4	O	80114	NUTNY 5/16-18 ZN	5	-
	29968-2	Narrow Drum	4	P*	80174	HHCS 3/8-16 X 1 GR8 ZN	4	23
	29971-2	Smooth Drum	4	Q*	80579	HHCS 5/16 X 2-1/4 GR5 ZN	4	13
11	30557-2	Wheel Motor	4					
12	29765-2	Hub Plate	4					
13	47281	Shock	6					
14	42907-2	Hose Guard Rear	2					
15	42908-2	Hose Guard Front RH	1					
16	42910-2	Hose Guard Front LH	1					
17	42920-2	Spacer Captivator	4					
18	39034	Captivator Tubing	2					
19	42875-2	Clamp Captivator	1					
20	46638	Plug O-Ring 3-4-16	1					

REMARK: * Loctite required.

Control Levers Assembly

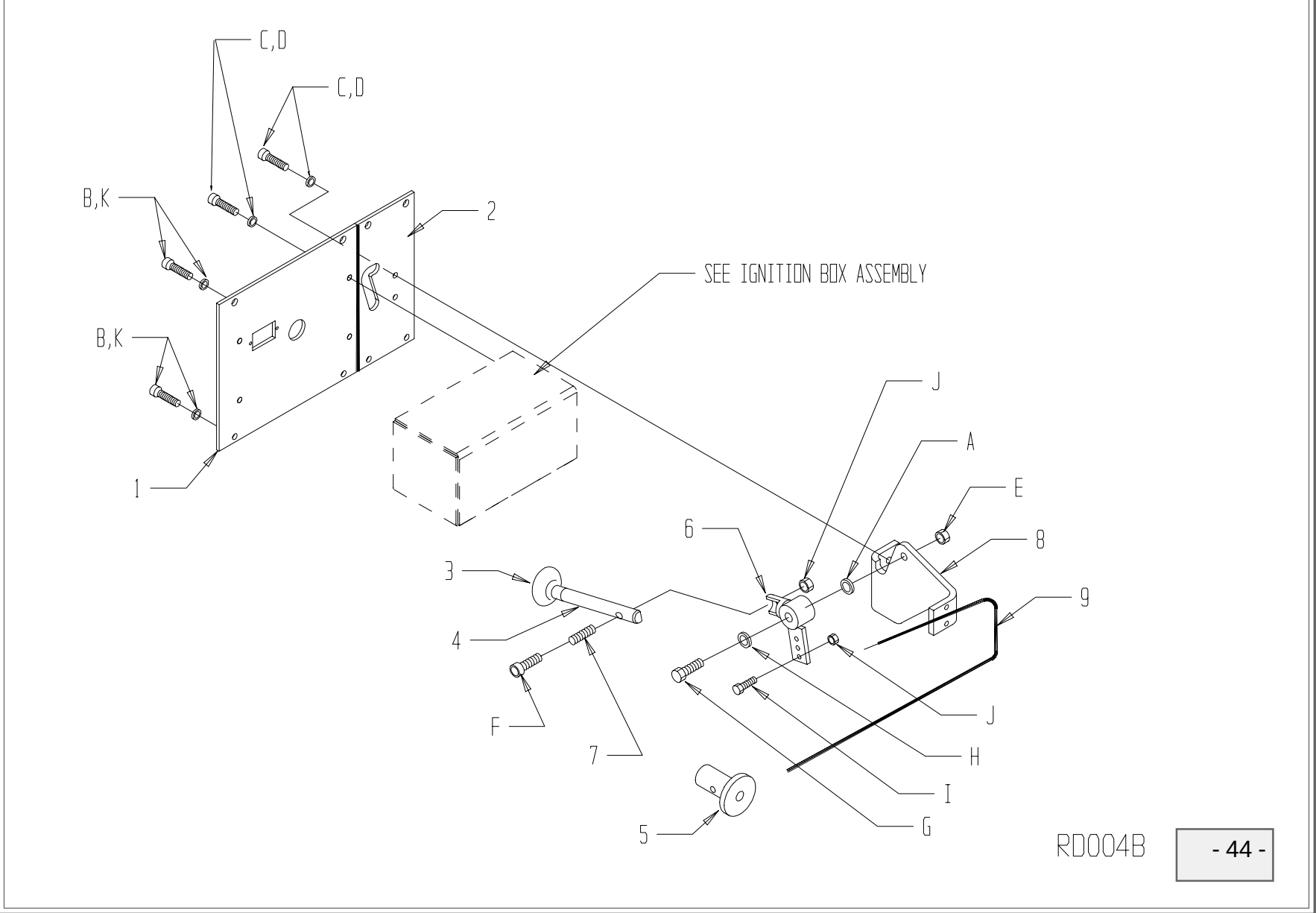


Control Levers Assembly Parts List

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
1	43709-Gry	Handle (Manual)	1	A*	80686	HHCS 3/8 -16 X 3/4 GR8 ZN	19	33
	43705-Gry	Handle (Remote)	1	B	80058	WSHRL 3/8 MED SPLIT ZN	23	-
2	43129-Gry	Crush Bar Weld (Manual)	1	C	80755	WSHR 3/8 ZN	15	-
	22938-Gry	Crush Bar Weld (Remote)	1	D*	80161	HHCS 5/16 -18 X 1 GR5 ZN	14	13
3	43095	Handle Crush Bar	1	E	80086	WSHRL 5/16 MED SPLIT ZN	20	-
4	39008	Spring Crush Bar	2	F	80348	WSHR 5/16 WROT ZN	12	-
5	36290	Switch Safety (Remote Only)	1	G	80666	WSHR 3/8 FLAT SS	2	-
6	43734-Gry	Cover Weld Rear (Manual)	1	H*	80190	HHCS 7/16 -20 X 1-1/2 GR5 ZN	3	41
	22934-Gry	Cover Weld Rear (Remote)	1	I	80335	WSHRL 7/16 MED SPLIT ZN	3	-
7	42136	Lever Ecc/Speed (Manual)	2	J	80249	NUTFX 7/16-20	3	-
8	42135	Lever Driver (Manual)	2	K	80236	NUTKP1/4-20	4	-
9	47298	Knob (Manual)	4	L	80781	HHCS1/4-20 X 3-1/4	4	-
	47286	Knob (Remote)	2	M*	80093	SHSHB 3/8 X 3/4 BLK	2	25
10	38668	Manifold (Manual)	1	N	80571	WSHR 1/4 SAE ZN	4	-
	39306	Manifold (Remote)	1					
11	38678	Pin Clevis (Manual Only)	4					
12	38857	Clip Retaining (Manual Only)	1					
13	38679	Rod Fulcrum (Manual Only)	1					
14	38677	Pivot Handle (Manual Only)	1					
15	42852-Gry	Cover Hoses (Manual)	1					
	43707-Gry	Cover Hoses (Remote)	1					
16	48310	Switch/Lever F/R RH (Remote Only)	1					
17	48354	Switch/Lever F/R LH (Remote Only)	1					
18	36301	Switch Ecc F/R (Remote Only)	1					
19	48296	Switch Hi/Lo (Remote Only)	1					
20	48374	Switch REM/MAN (Remote Only)	1					
	35838	Boot Rubber	3					

REMARK: * Loctite required.

Throttle Assembly



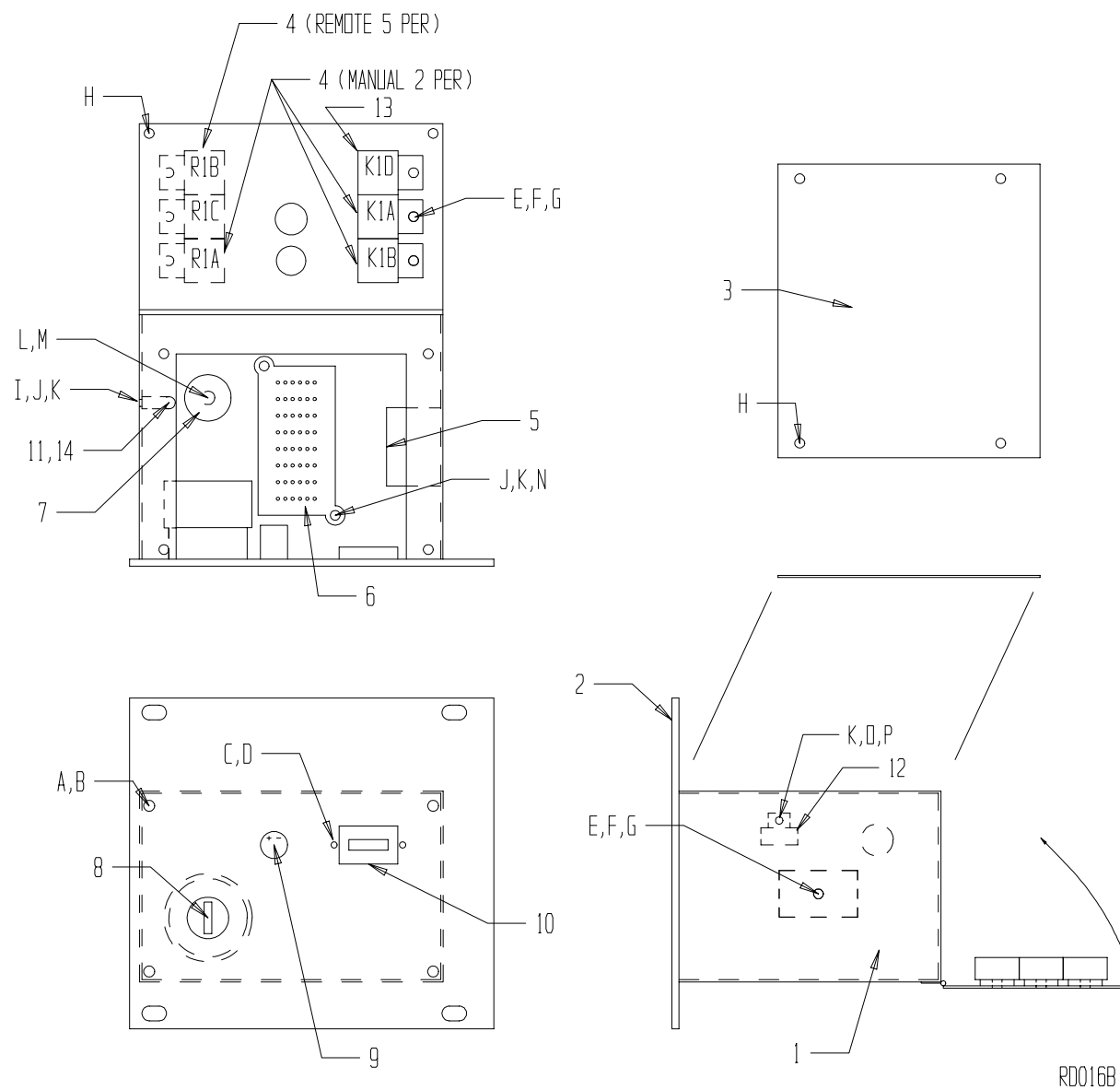
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Throttle Assembly Parts List

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
1	43703-Yel	Panel Control	1	A	80342	WSHR 3/8 SAE ZN	8	-
2	43704-Yel	Panel Throttle	1	B*	80085	HWHST 5/16-18 X 1 ZN	8	13
3	27363	Knob Throttle	1	C*	80757	BHSCS 1/4-20 X 3/4 BLK	6	6
4	42919-2	Lever Throttle	1	D	80116	WSHRL 1/4 SPLIT ZN	6	-
5	41006	Clamp Throttle	1	E	80244	NUTFX 5/16-18 ZN	1	-
6	42915-2	Pivot Throttle	1	F*	80756	SHSHB 1/4 X 1-1/4 BLK	1	6
7	42961	Spring Compression	1	G*	80124	SHSHB 3/8 X 1 BLK	1	13
8	42857-2	Bracket Throttle	1	H	80755	WSHR 3/8 BELLEVILLE	1	-
9	39053	Cable Throttle	1	I*	80754	BHSCS 10-24 X 1 BLK	1	6
				J	80693	NUTNY 10-24 ZN	2	-
				K	80348	WSHR 5/16 WROT ZN	8	-

REMARK: * Loctite required.

Ignition Box Assembly

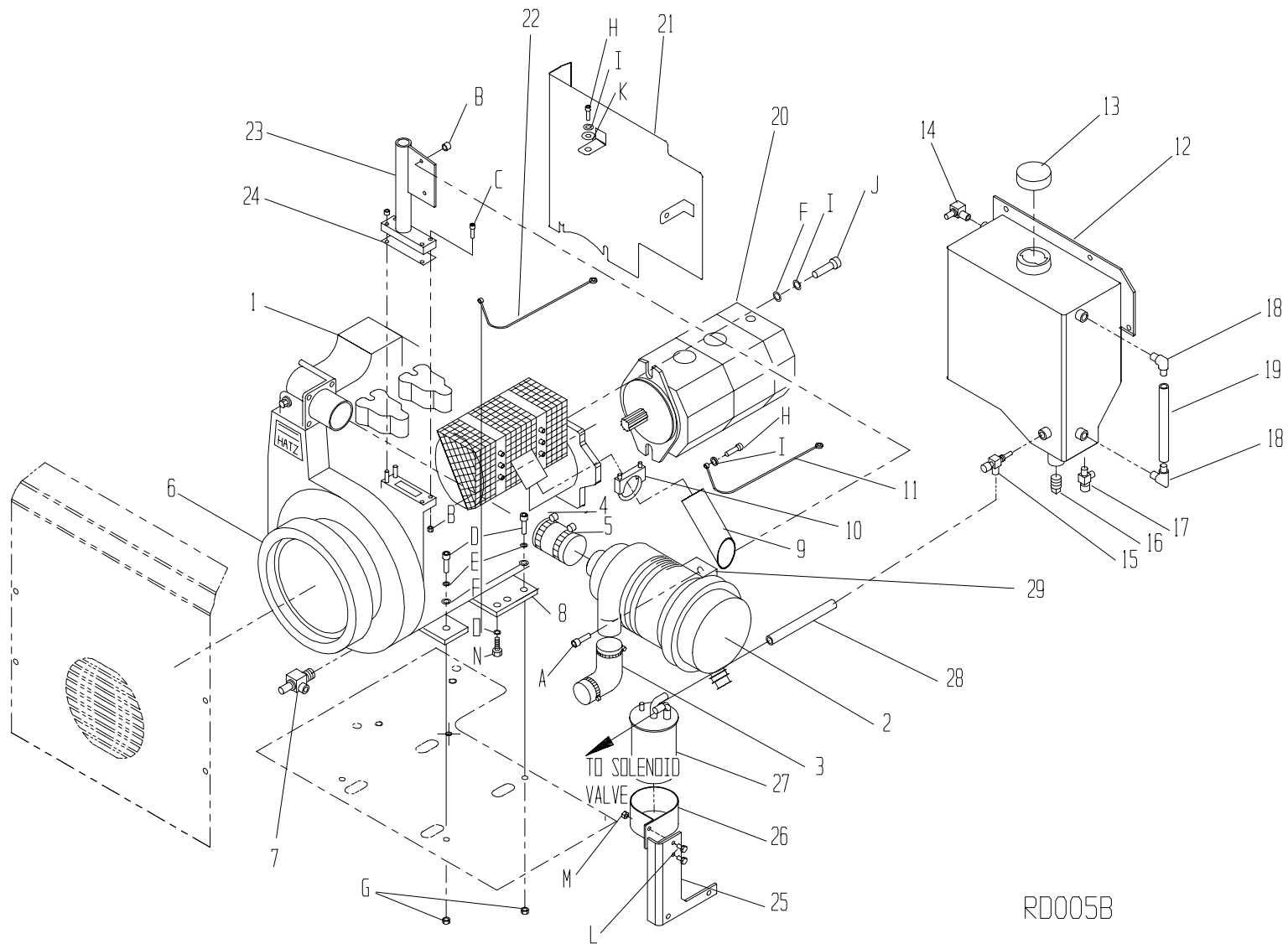


Ignition Box Assembly Parts List

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
	48375	Box Assy Ignition Remote			48376	Box Assy Ignition Manual		
1	43993	Ignition Box Enclosure Blk	1	1	43713	Ignition Box Enclosure Blk	1	
2	43994	Control Plate Yellow	1	2	43994	Control Plate Yellow	1	
3	43729	Cover Ignition Box Blk	1	3	43729	Cover Ignition Box Blk	1	
4	48378	Relays	5	4	48378	Relays	2	
5	48379	Relay	1	5	48379	Relay	1	
6	48380	Terminal Block	1	6	48380	Terminal Block	1	
7	48381	Capacitor	1	7	48381	Capacitor	1	
8	36307	Key Switch	1	8	36307	Key Switch	1	
	38629	Key	1		38629	Key	1	
9	48382	Battery Lamp	1	9	48382	Battery Lamp	1	
10	38782	Hour Meter	1	10	38782	Hour Meter	1	
11	36389	Tipover Switch	1	11	36389	Tipover Switch	1	
	36390	Clamp	1	13	48401	Relay 70A	1	
12	48389	Circuit Breaker 15A	1	14	36401	Base	1	
13	48401	Relay 70A	1		36402	Tie Wrap	1	
A	80757	BHSCS 1/4 - 20 x 3/4 Blk	4	A	80757	BHSCS 1/4 - 20 x 3/4 Blk	4	
B	80116	WSHRL 1/4 SPLIT ZN	4	B	80116	WSHRL 1/4 SPLIT ZN	4	
C	80916	SHCS 6-32 x 1/2 Blk	2	C	80916	SHCS 6-32 x 1/2 Blk	2	
D	80339	WSHRL #6 MED SPLIT ZN	2	D	80339	WSHRL #6 MED SPLIT ZN	2	
E	80227	RHMS 10-24x 3/8 ZN	7	E	80227	RHMS 10-24x 3/8 ZN	7	
F	80917	WSHRL #10 STAR EXT ZN	7	F	80917	WSHRL #10 STAR EXT ZN	7	
G	80115	NUTFX 10-24 ZN	7	G	80115	NUTFX 10-24 ZN	7	
H	80918	BHSMS 10-32 x 3/8 ZN	6	H	80918	BHSMS 10-32 x 3/8 ZN	6	
I	80141	RHSMS 8-32 x 3/8 ZN	1	I	80141	RHSMS 8-32 x 3/8 ZN	1	
J	80919	WSHRL #8 STAR EXT ZN	3	J	80919	WSHRL #8 STAR EXT ZN	3	
K	80219	NUTFX 8-32 ZN	4	K	80219	NUTFX 8-32 ZN	5	
L	80698	NUTFX M8-1.25 8.8 ZN	1	L	80698	NUTFX M8-1.25 8.8 ZN	1	
M	80920	WSHRL 5/16 STAR EXT ZN	1	M	80920	WSHRL 5/16 STAR EXT ZN	1	
N	80921	RHSMS 8-32 x 1 ZN	2	N	80921	RHSMS 8-32 x 1 ZN	2	
O	80922	BHSMS 8-32 x 3/8 ZN	1					
P	80139	WSHRL #8 MED SPLIT	1					

REMARK:

Hatz Twin Engine



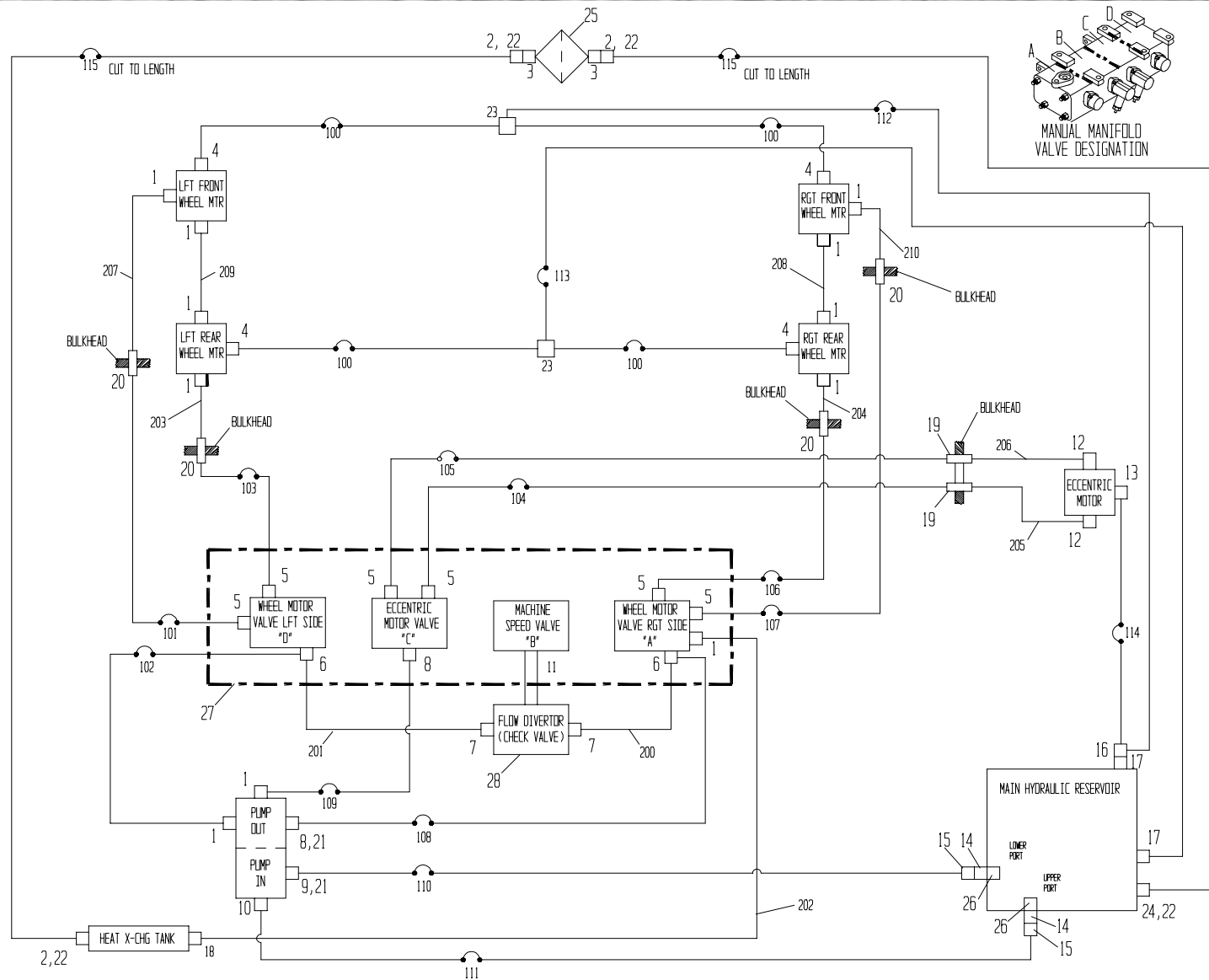
RD005B

Hatz Twin Engine Parts List

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Lb.Ft.)
1	31328	Hatz Twin 20HP	1	26	43020	Water Separator Strap	1	
2	36386	Air Cleaner Assembly	1	27	30345	Water Separator Fuel Filter	1	
	36387	Element	1	28	46186	Hose Fuel Line	9 "	
3	47365	Air Cleaner Hose	1	29	36388-2	Air Cleaner Mounting Bracket	1	
4	35219	Hose Clamp	4					
5	42975	Hose	1	A	80161	HHCS 5/16-18 X 1 GR5 ZN	2	13
6	32276	Front Cowl Seal	1	B	80114	NUTNY 5/16-18 ZN	4	-
7	38680	Oil Drain	1	C	80607	SHCS 5/16 - 18 X 2 BLK	2	25
8	43693	Spacer	1	D*	80094	HHCS 3/8 - 16 X 1-3/4 GR8 ZN	4	33
9	42994	Exhaust Pipe	1	E	80058	WSHRL 3/8 ZN	4	-
10	31223	Clamp Pipe Muffler	1	F	80342	WSHR 3/8 ZN	4	-
11	48367	Cable Battery 24" Blk	1	G	80056	NUTNY 3/8 ZN	4	-
12	42846	Fuel Tank	1	H	61697	SHCS M10 X 25	3	-
13	46059	Cap	1	I	80035	WSHRL 7/16 MED SPLIT ZN	4	-
14	46365	Elbow	1	J	61672	HHCS M10 X 35	2	38
15	46009	Pet Cock	1	K	80043	WSHR 3/8 WROT	3	-
16	46108	Magnetic Plug	1	L	80757	BHSCS 1/4 - 20 X .75 BLK	2	6
17	39056	Pet Cock	1	M	80676	NUTNY 1/4 - 20 ZN	2	-
18	34486	Elbow	2	N	80815	HHCS M10 X 30 8.8 ZN	8	38
19	47295	Tube	1	O	80804	WSHRL M10 SPLIT ZN	8	-
20	32315	Pump Hydraulic	1					
21	42987	Heat Shield	1					
22	48366	Cable Battery 10" Red	1					
23	42904	Oil Filler	1					
24	42976	Gasket Filler Oil	1					
25	43019	Water Separator Bracket	1					

REMARK: * Loctite Required

Piping Diagram Manual



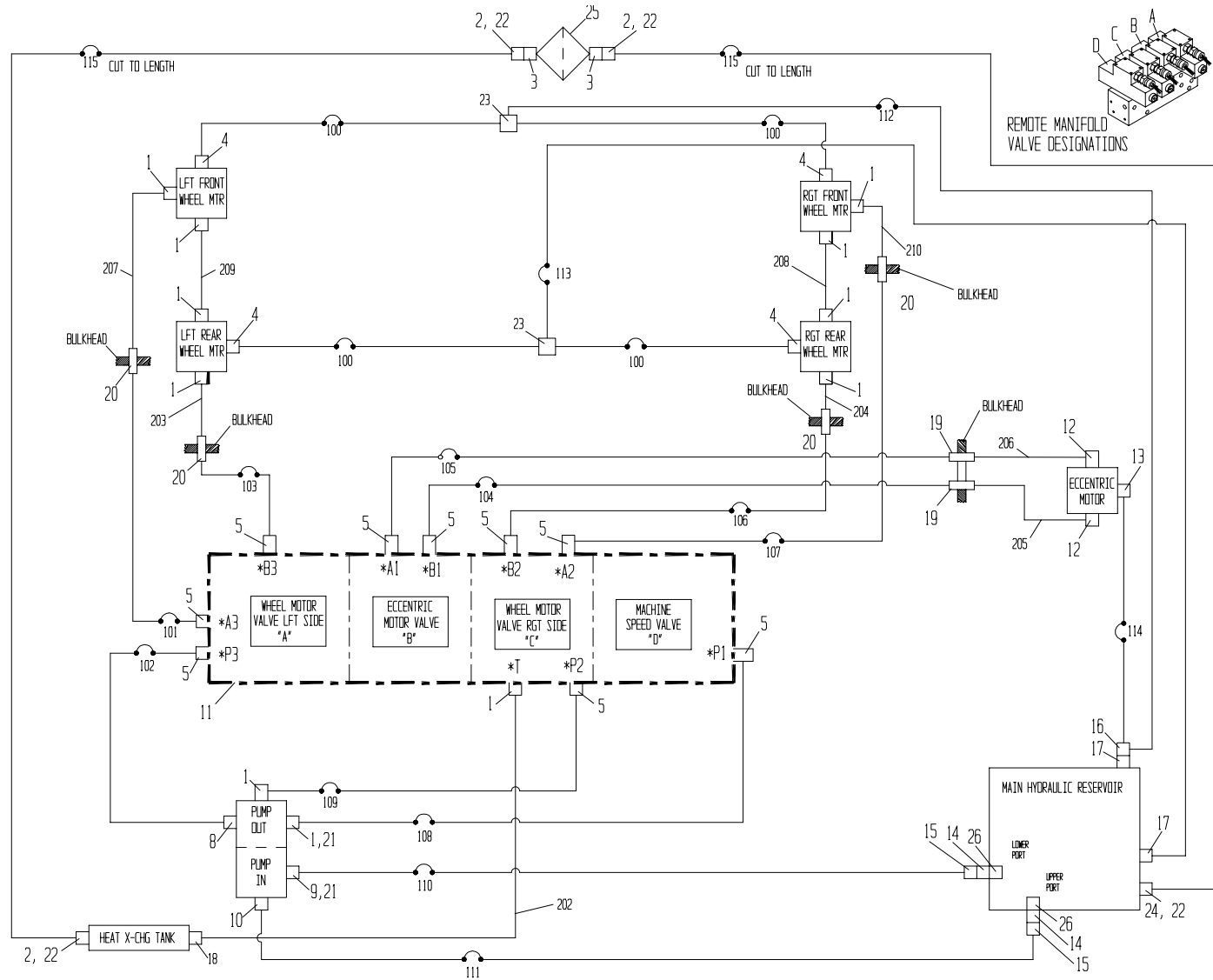
RD015C

Piping Diagram Manual - Hose and Tube Assemblies

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
100	46637	Hose Low Press. Case Drain 1/4" - 6"	4	1	46585	Straight THD Connector 7/8 - 14 O-Ring	11
101	46596	HoseHigh Press. Working 1/2" - 28"	1	2	46592	90° El 1" NPT to Beaded Hose Stem	3
102*	46767	Hose High Press. Working (Twin)1/2" - 25.25"	1	3	46591	Femal PipeTHD Reducer 1-1/4" to 1"	2
103	46601	Hose High Press. Working 1/2" - 21"	1	4	46631	Straight THD Connector 7/16 - 20 O-Ring	4
104	46755	HoseHigh Press. Working 1/2" - 22"	1	5	46579	Straight THD Connector 3/4 - 16 O-Ring	6
105	46604	HoseHigh Press. Working 1/2" - 25"	1	6	46606	Straight THD Run Tee 7/8 - 14 O-Ring	2
106	46756	HoseHigh Press. Working 1/2" - 17.5"	1	7	46581	Straight THD Elbow 90° 3/4 - 16 O-Ring	2
107	46600	HoseHigh Press. Working 1/2" - 22.5"	1	8	46582	Straight THD Elbow 90° 7/8 - 14 O-Ring	2
108*	46768	HoseHigh Press. Pump 1/2" - 18.50"	1	9	46583	Straight THD Connector 1-1/16 - 12 O-Ring	1
109	46598	HoseHigh Press. Pump 1/2" - 28"	1	10	46584	Straight THD Elbow 90° 1-1/16 - 12 O-Ring	1
110	46578	HoseLow Press. Suction 3/4" - 17"	1	11	46605	Straight THD Con-Manf to Flow Diverter Vlv	1
111*	46769	HoseLow Press. Suction 3/4" - 13.75"	1	12	46617	Straight THD Elbow 90° 1-1/16 - 12 O-Ring	2
112	46763	HoseLow Press. Case Drain 1/4" - 31"	1	13	46632	Male Pipe THD Connector 1/4-18 NPTF	1
113	46636	HoseLow Press. Case Drain 1/4" - 15"	1	14	46590	Female Pipe THD Reducer 1-1/4 X 3/4	2
114	46764	HoseLow Press. Case Drain 1/4" - 8.5"	1	15	46586	Male Pipe Elbow 90° 3/4 - 14 NPTF	2
115	46594	HoseLow Press. Return Line 1" - 64"	1	16	46589	Swivel Nut Branch Tee 1/4" Line Size	1
200	46620	Tube 1/2" O.D.	1	17	46587	Male Pipe THD Straight Connector 1/4 - 18 NPTF	2
201	46621	Tube 1/2" O.D.	1	18	46674	FTG EL 90 3/4 NPT 13/16 ORF	1
202	46720	Tube 1/2" O.D.	1	19	46619	Bulkhead Union (Straight) 1/2" Line Size	2
203	46623	Tube 1/2" O.D.	1	20	46618	Bulkhead Union Elbow 90° 1/2" Line Size	4
204	46624	Tube 1/2" O.D.	1	21	46770	FTG ROCR 1 5/8 OR 1 1/16 OR	2
205	46625	Tube 1/2" O.D.	1	22	46595	Clamp Hose Worm Thd	4
206	46626	Tube 1/2" O.D.	1	23	46633	Union Tee 1/4 Line Size	2
207	46627	Tube 1/2" O.D.	1	24	46593	Straight 1" NPT to Beaded Hose Stem	1
208	46628	Tube 1/2" O.D.	1	25	38636	Hydraulic Fluid Filter	1
209	46629	Tube 1/2" O.D.	1		38638	Element Only	1
210	46630	Tube 1/2" O.D.	1	26	35482	Hydraulic Strainer 25 GPM	2
				27	38668	Manifold Manual	1
				28	38716	Check Valve Manifold	1

REMARK: * Required for new pump.

Piping Diagram Remote



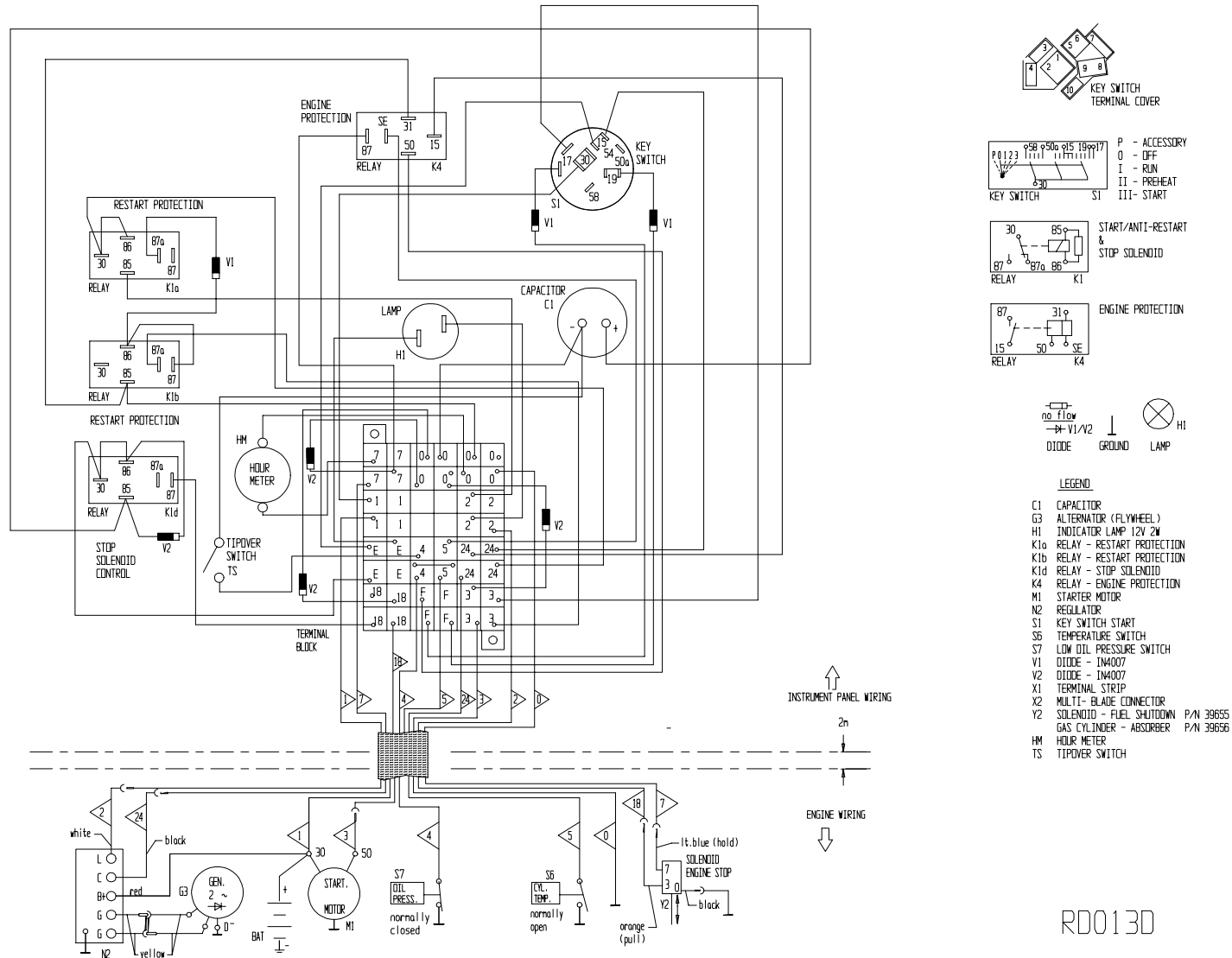
RD014D

Piping Diagram Remote - Hose and Tube Assemblies

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
100	46637	Hose Low Press. Case Drain 1/4" - 6"	4	1	46585	Straight THD Connector 7/8 - 14 O-RING	11
101	46747	Hose High Press. Working 1/2" - 20.5"	1	2	46592	90° EL 1" NPT TO Beaded Hose Stem	3
102	46765	Hose High Press. Working 1/2" - 23"	1	3	46591	Femal Pipe THD Reducer 1-1/4" TO 1"	2
103	46746	Hose High Press. Working 1/2" - 21.5"	1	4	46631	Straight THD Connector 7/16 - 20 O-Ring	4
104	46748	Hose High Press. Working 1/2" - 21.5"	1	5	46579	Straight THD Connector 3/4 - 16 O-Ring	9
105	46762	Hose High Press. Working 1/2" - 19.5"	1	8	46582	Straight THD ELBOW 90° 7/8 - 14 O-Ring	1
106	46752	Hose High Press. Working 1/2" - 17.5"	1	9	46583	Straight THD Connector 1-1/16 - 12 O-Ring	1
107	46753	Hose High Press. Working 1/2" - 18.5"	1	10	46584	Straight THD ELBOW 90° 1-1/16 - 12 O-Ring	1
108	46751	Hose High Press. Pump 1/2" - 24"	1	11	39306	Manifold Remote	1
109	46766	Hose High Press. Pump 1/2" - 20.75"	1	12	46617	FTG EL 90 1-1/16 OR 1-3/16 ORF	2
110	46578	Hose Low Press. Suction 3/4" - 17"	1	13	46632	Male Pipe Connector 1/4 - 18 NPTF	1
111	46769	Hose Low Press. Suction 3/4" - 13.75"	1	14	46590	Femal Pipe THD REDUCER 1-1/4 X 3/4	2
112	46763	Hose Low Press. Case Drain 1/4" - 31"	1	15	46586	Male Pipe Elbow 90° 3/4 - 14 NPTF	2
113	46636	Hose Low Press. Case Drain 1/4" - 15"	1	16	46589	Swivel Nut Branch Tee 1/4" Line Size	1
114	46764	Hose Low Press. Case Drain 1/4" - 8.5"	1	17	46587	Male Pipe THD Straight Connector 1/4 - 18 NPTF	2
115	46594	Hose Low Press. Return Line 1" -64"	1	18	46588	Male Pipe THD Straight Connector 3/4 - 14 NPTF	1
202	46754	Hose High Press. Return Line 1/2" - 21"	1	19	46619	Bulkhead Union (Straight) 1/2" Line Size	2
203	46623	Tube 1/2" O.D.	1	20	46618	Bulkhead Union Elbow 90° 1/2" Line Size	4
204	46624	Tube 1/2" O.D.	1	21	46770	FTG ROCR 1 5/8 OR 1 1/16 OR	2
205	46625	Tube 1/2" O.D.	1	22	46595	Clamp Hose Worm THD	4
206	46626	Tube 1/2" O.D.	1	23	46633	Union Tee 1/4 Line Size	2
207	46627	Tube 1/2" O.D.	1	24	46593	Straight 1" NPT To Beaded Hose Stem	1
208	46628	Tube 1/2" O.D.	1	25	38636	Hydraulic Fluid Filter	1
209	46629	Tube 1/2" O.D.	1		38638	Element Only	-
210	46630	Tube 1/2" O.D.	1	26	35482	Hydraulic Strainer 25 GPM/19 l/min	2

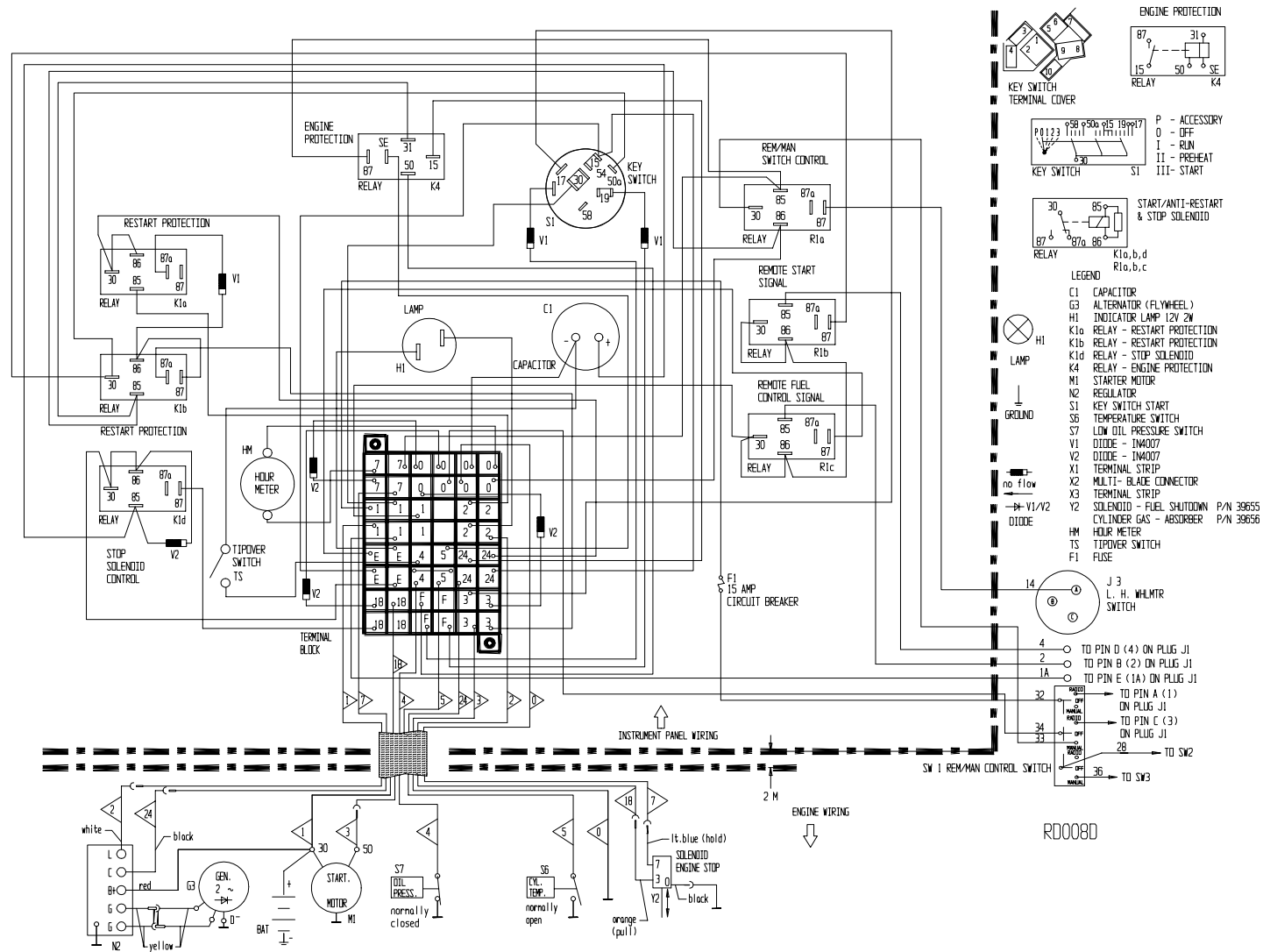
REMARK: * Required for New Pump

Hatz Wire Diagram Manual



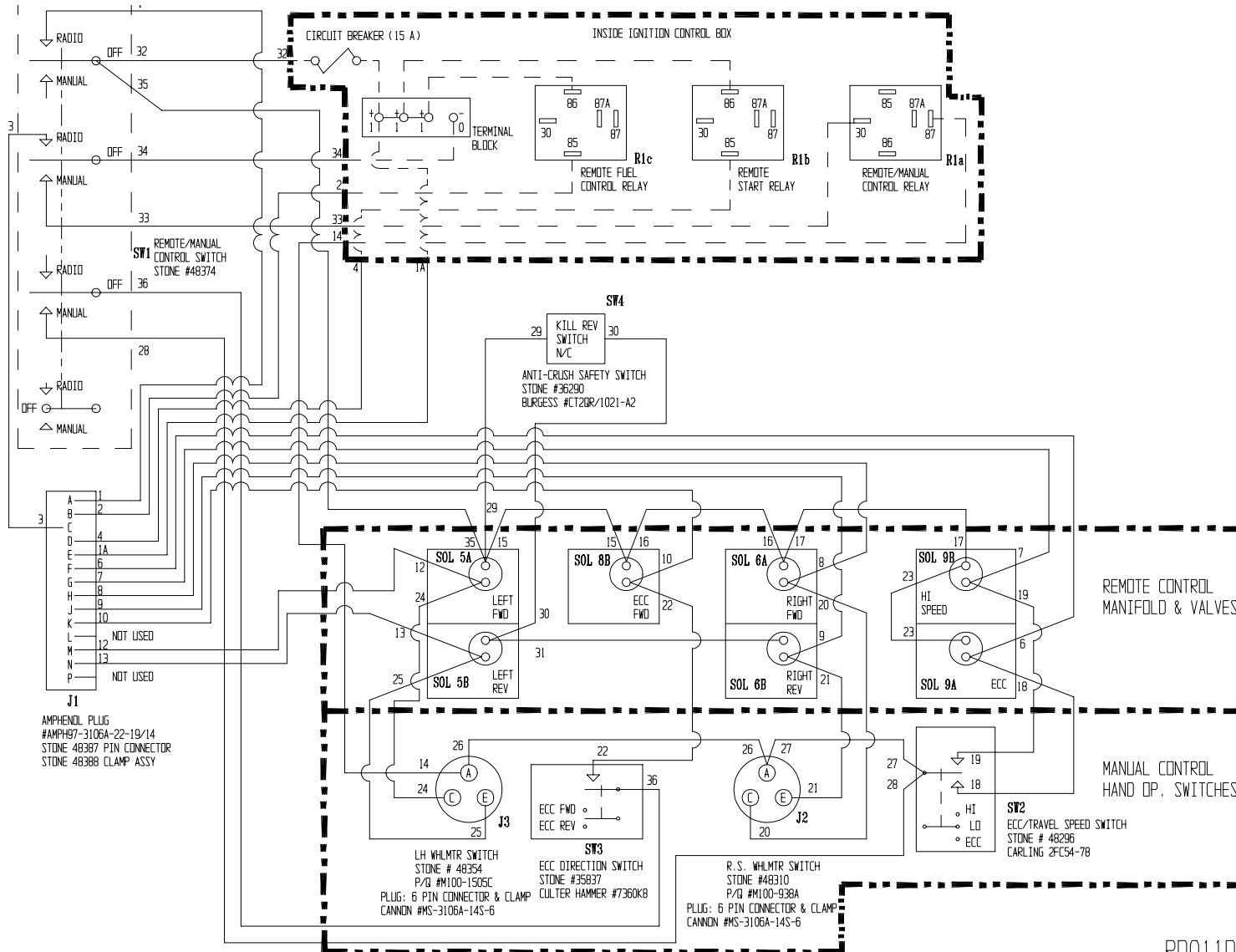
RD013D

Hatz Wire Diagram Remote



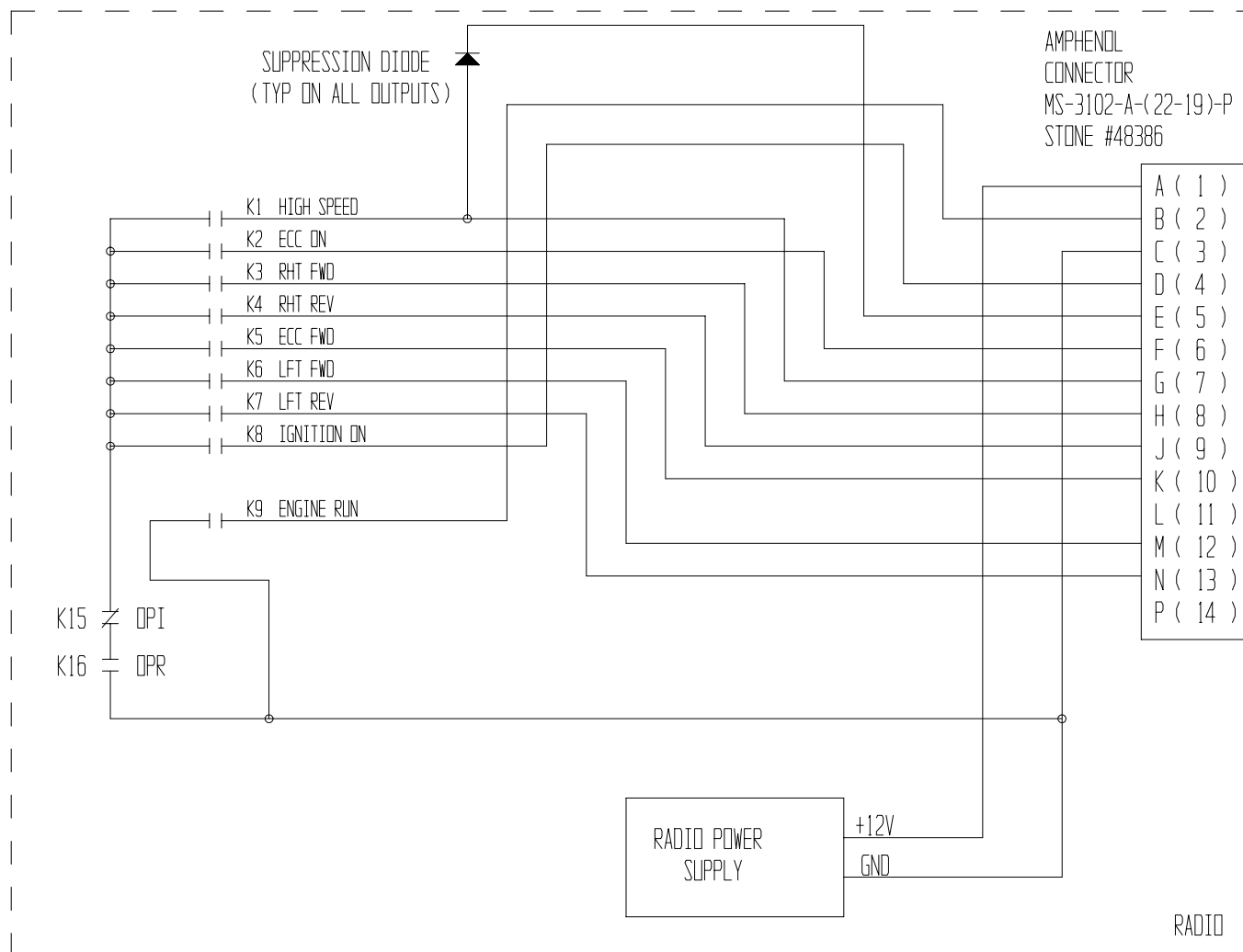
REMARK:

Manifold Wire Diagram Remote



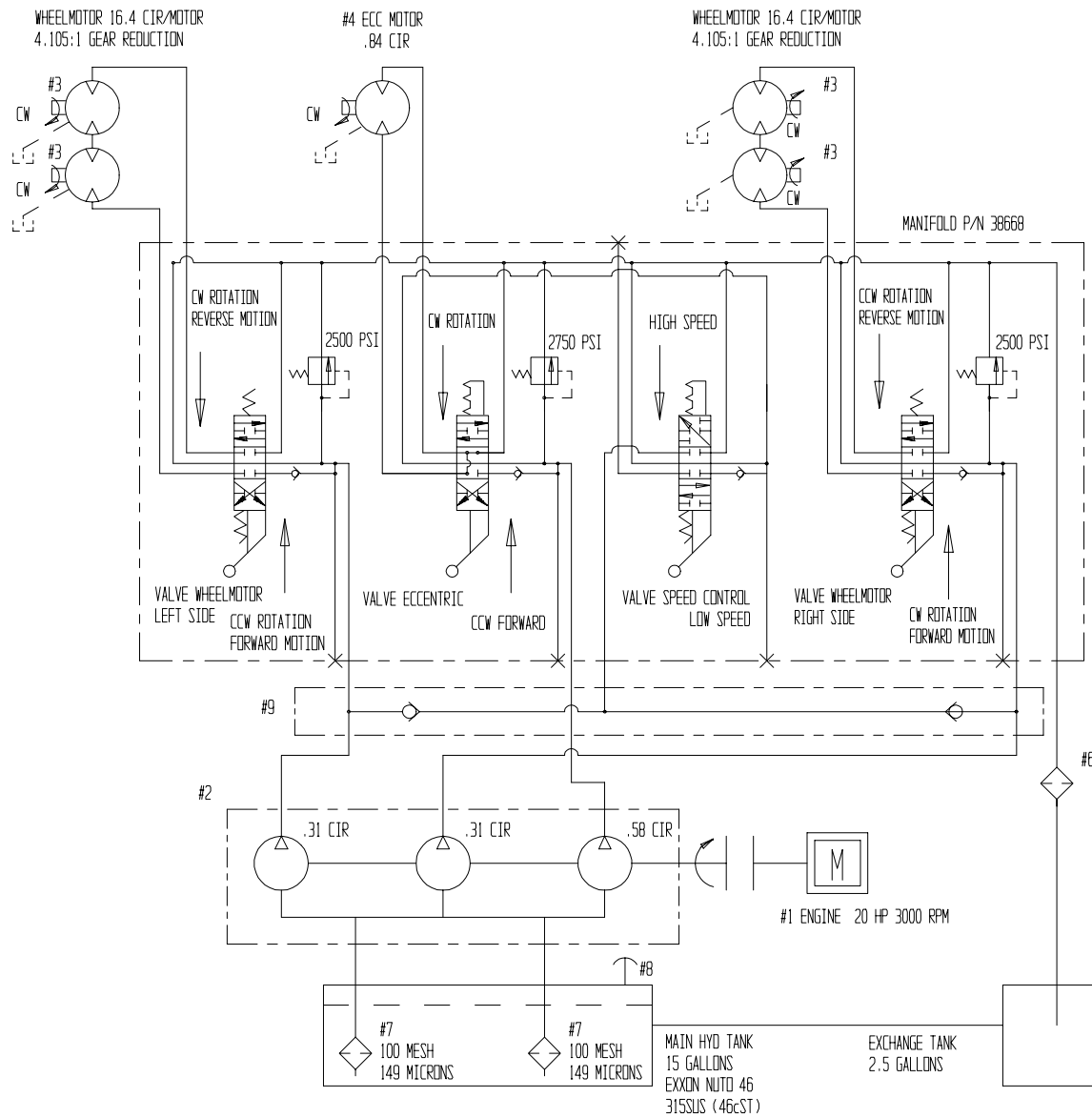
RD011D

Manifold Wire Diagram Remote



REMARK:

Hydraulic Diagram Manual

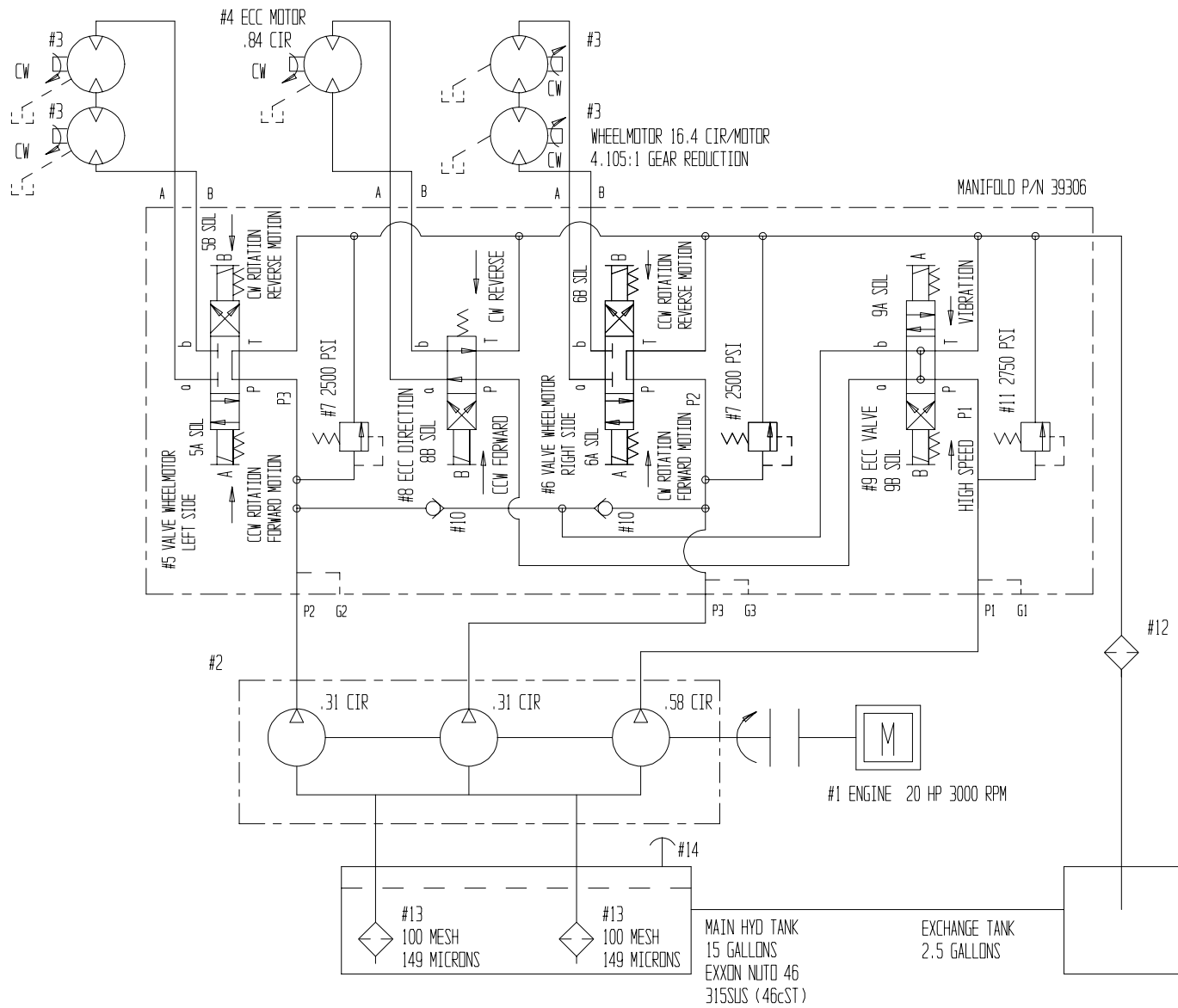


Hydraulic Diagram Manual

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Lb.Ft.)
1	30328	Hatz Twin 2G40 Diesel Engine	1					
2	32273	Hydraulic Pump	1					
3	30270	Torque Hub Wheelmotor	4					
4	30271	Hydraulic Motor Eccentric	1					
5	38668	Manifold Assy Manual	1					
6	38636	Hydraulic Filter	1					
	38638	Element	1					
7	35482	Strainer	2					
8	38521	Breather	1					
9	38716	Flow Diverter Block	1					

REMARK:

Hydraulic Diagram Remote

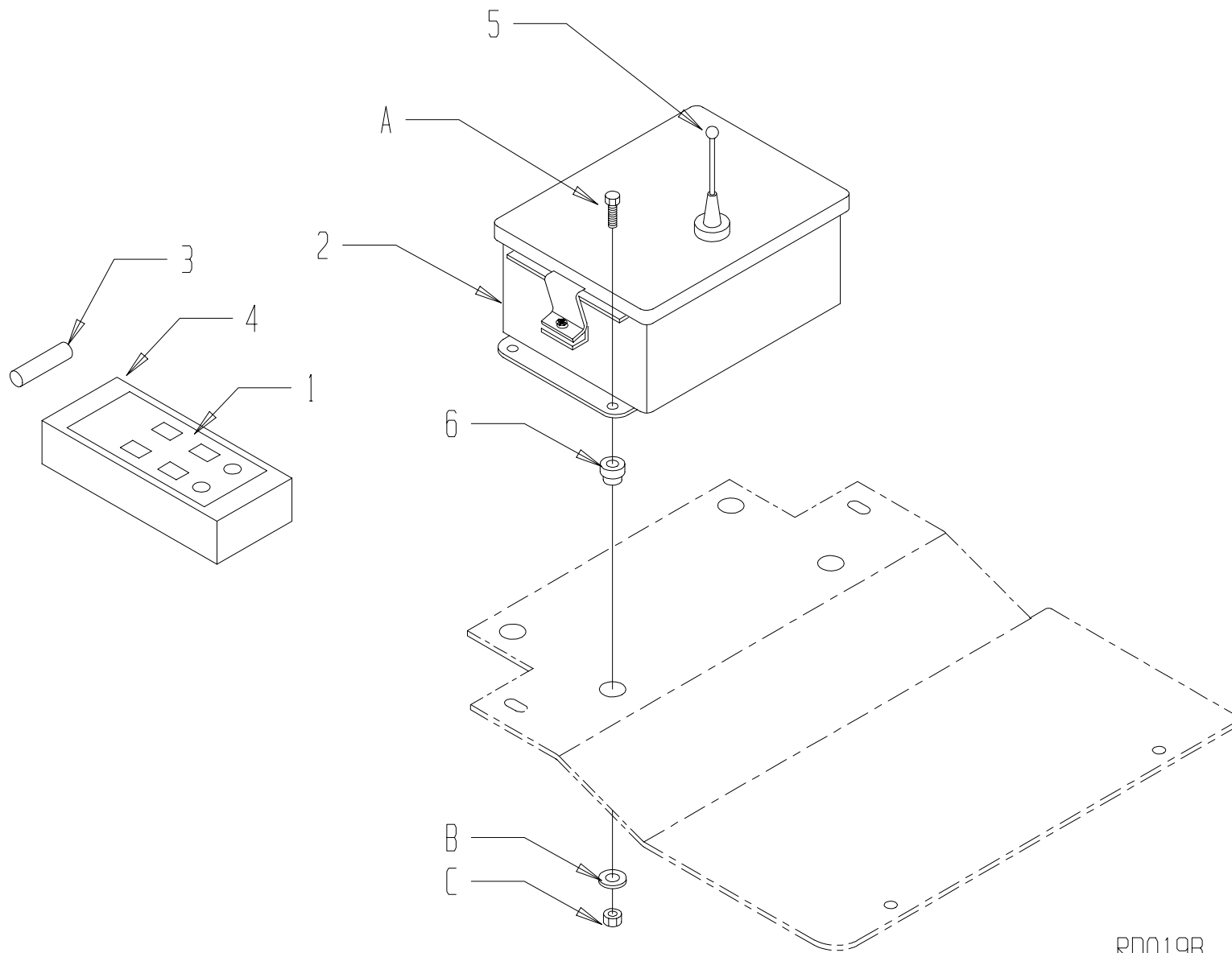


Hydraulic Diagram Remote

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Lb.Ft.)
1	30328	Hatz Twin 2G40 Diesel Engine	1					
2	32273	Hydraulic Pump	1					
3	30270	Torque Hub Wheelmotor	4					
4	30271	Hydraulic Motor Eccentric	1					
*	39306	Manifold Assy Remote	1					
5	48340	Valve F/R Direction Left	1					
6	48340	Valve F/R Direction Right	1					
7	48384	Relief Valve	2					
8	48341	Valve Ecc On/Off	1					
9	48342	Valve Hi/Lo Speed	1					
10	48385	Check Valve	2					
11	48383	Relief Valve	1					
12	38636	Hydraulic Filter	1					
13	35482	Strainer	2					
14	38521	Breather	1					

REMARK: * Assembly includes items 5-11

Remote Transmitter/Receiver



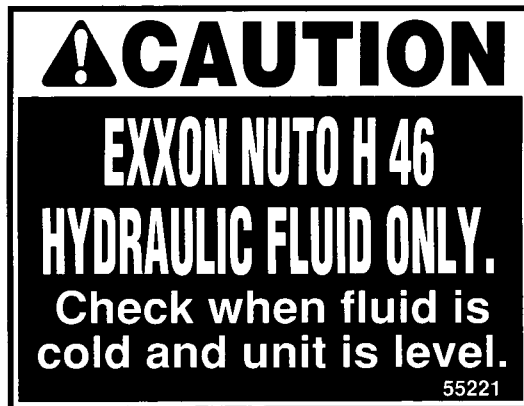
RD019B

Remote Transmitter/Receiver

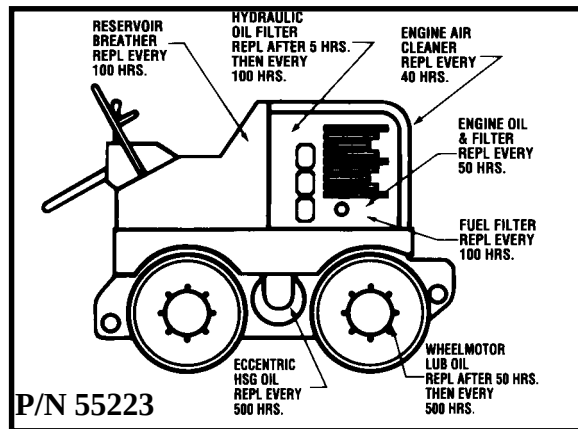
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	Torque (Ft. Lbs.)
	48370	Set Transmitter/Receiver						
1	48368	Transmitter	1	A	80176	HHCS 3/8-16 x 1-1/2 GR5 ZN	4	
2	48369	Receiver	1	B	80043	WSHR 3/8 WROT ZN	4	
3	48371	Battery Alkaline AA	1	C	80056	NUTNY 3/8-16 ZN	4	
4	48372	Case Leather	1					
5	48373	Antenna	1					
6	47355	Shock Mount	4					

REMARK:

Decal Identification



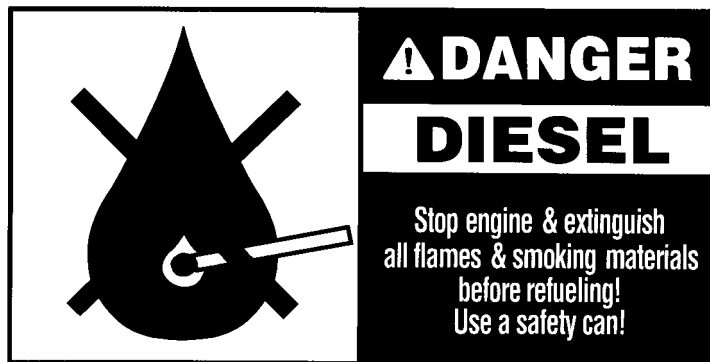
Loc:Hydraulic Tank



Loc:Hydraulic Tank

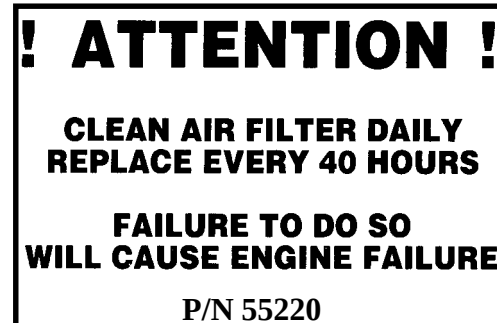


Loc:Rear Cover



Loc:Fuel Tank

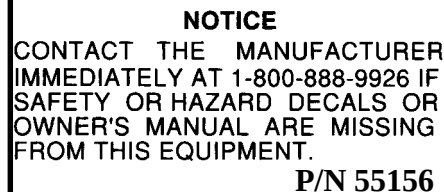
P/N 55148



Loc:Air Filter

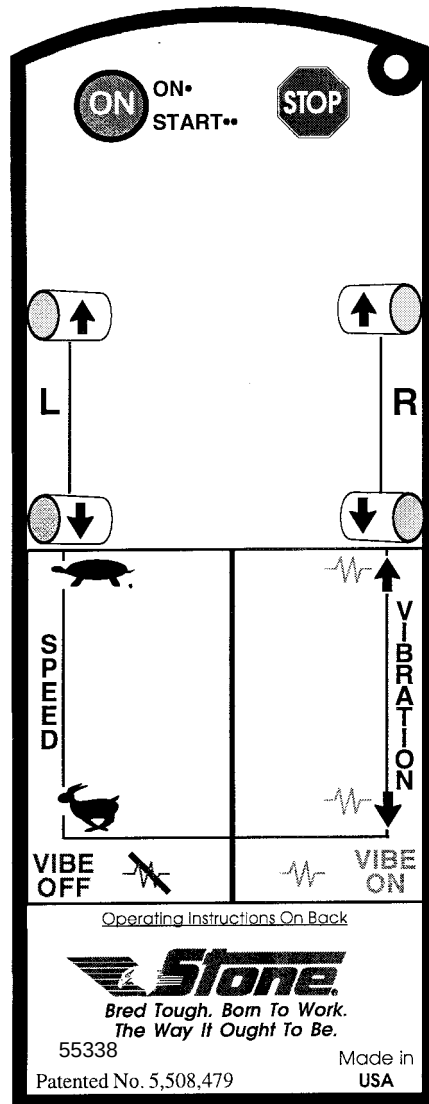


Loc:Lifteye



Loc:Rear Cover

Decal Identification



Loc:Transmitter Front

TRANSMITTER OPERATION

For transmitter to control machine:

Manual/Remote switch must be in forward (Remote) position. This switch is located on machine console.

START: Depress on/Start button. Must press twice. Initial push energizes engine fuel solenoid. Second push cranks starter.

STOP: Depress Off/E-Stop button. De-energizes fuel solenoid.

MACHINE MOTION: Left & Right hand drum rocker switches will control Forward & Reverse movement. Must be held down when operating. Movement ceases when switches are released.

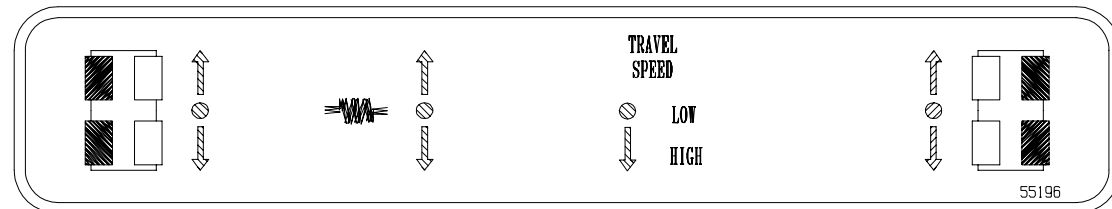
VIBRATION ON: Depressing vibe on switch starts compaction and controls direction of eccentric weight.

VIBRATION OFF/TRAVEL SPEED: Depressing Vibe Off/Speed switch will immediately turn vibration off & put machine into either low or high travel speed.

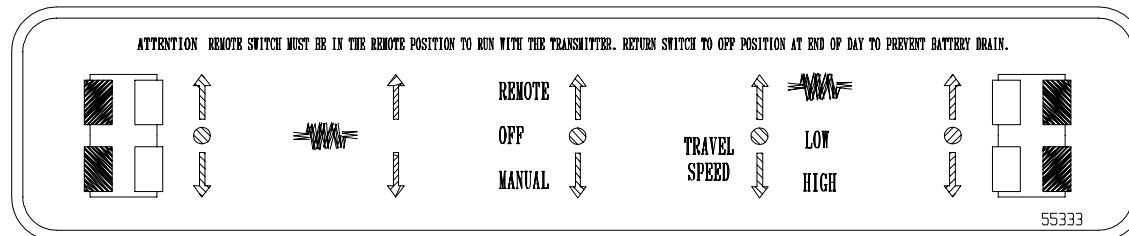
55342

Loc:Transmitter Back

Manual Machine
Loc:Lever Cover



55196



55333

Remote Machine
Loc:Lever Cover

REMARK: