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MotorGuide REPAIR PARTS

Model: POWERplus
BT50V BACKTROLLER

SPECIFICATIONS:

Year of Intro	1998
Thrust	50LBS
Volts	12VDC
Amp Draw	0 to 48 amps
Mount	09 Transom
Speeds	Variable

QUICK REFERENCE PARTS GUIDE:

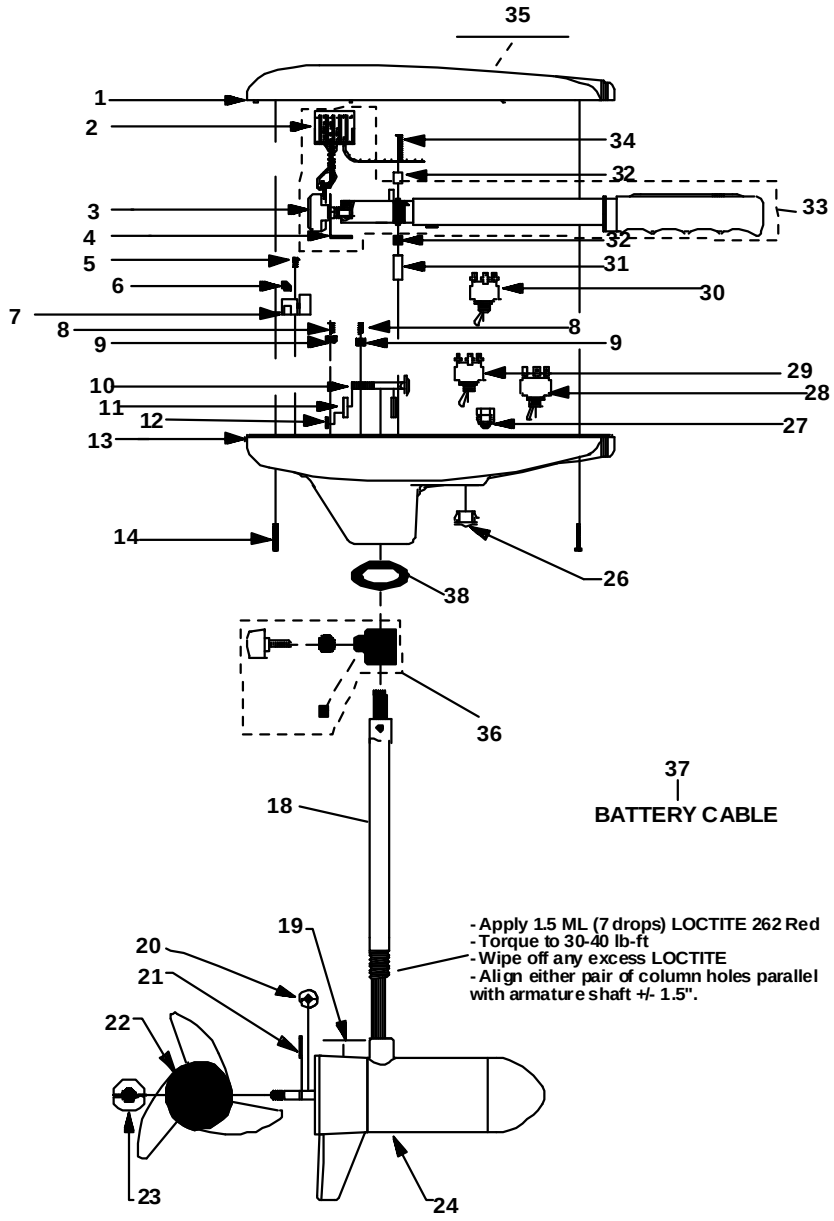
FOR/REV Switch	FP153-06
DA Board	JF157-03
MOSFET	JF096-07
Motor Seal Kit	6220

PARTS ORDERING & TECH ASSISTANCE

MotorGuide Consumer Relations
Phone 918-831-6989
Fax 800-982-8093

Send Returned Goods to:
MotorGuide
605 Hwy 12 West
Starkville, MS 39760

Returned Goods must be accompanied with a Returned Goods Authorization. Contact MotorGuide Consumer Relations to obtain RGA.

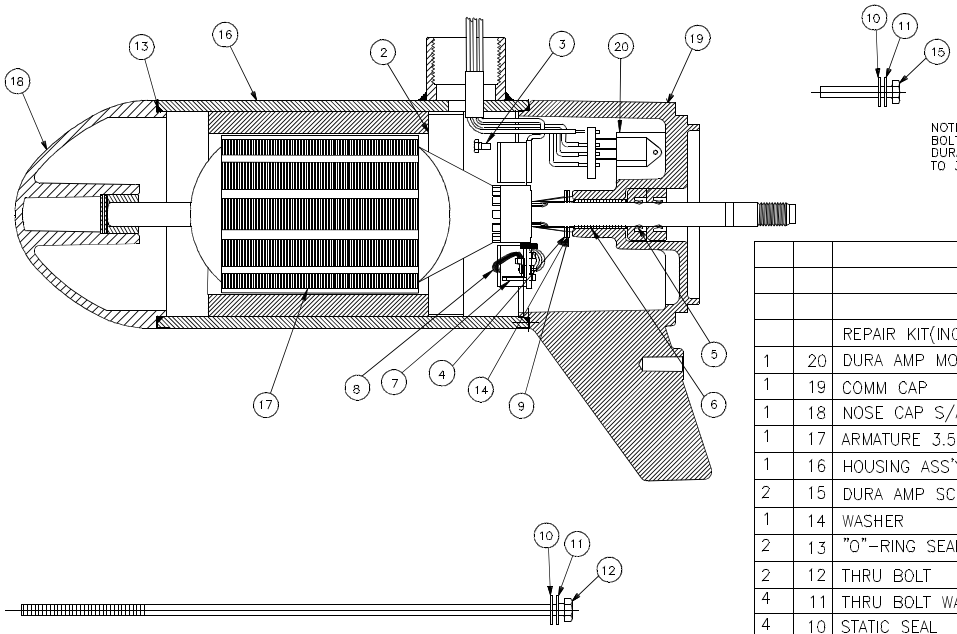


KEY	DESCRIPTION	PART #	KEY	DESCRIPTION	PART #
1	TOP HOUSING COVER BLACK	AT053-10	24	H/O MOTOR	CF397-05
2	AMP CONNECTOR	AP029-01	25	DEPTH ADJUSTMENT COLLAR	AR051-01
3	POTENTIOMETER	AP168-02	26	HOLE PLUG	FP021-03
4	POT BRACKET	AT155-03	27	GROMMET	GR019-03
5	SELF TAPPING SCREW	AF141-01	28	TOGGLE SWITCH 3 POSITIONS	FP153-05
6	INSULATING SLEEVE	AT080-01	29	FWD/REV SWITCH 2 POSITIONS	FP153-06
7	12 VOLT DURA AMP BOARD	JF157-03	30		
8	#10 X 1/2" SCREW	GR133-01	31	WIRE BRACKET	AT155-04
9	TERMINAL BLOCK	FT160-01	32	RETAINER CLAMP	AR036-01
10	BOLT	TT134-01	33	HANDLE ASY	AT372-03
11	CURVED WASHER	TT171-04	34	8 X 1-3/8 SCREW	AR133-01
12	NYLON LOCK NUT	XT098-02	35	NOMENCLATURE	ET056-07
13	T/H BASE BLACK	AR004-14	36	DEPTH COLLAR ASY	AR158-01
14	SCREW #8 X 1"	LF141-04	37	BATTERY CABLE	BT328-03
15	BAR KNOB DEPTH ADJUSTMENT	AR082-02	38	COLUMN SEAL	AT079-01
16	COLUMN CLAMP WASHER	AR171-01			
17	COLUMN SUPPORT NUT	FR098-01			
18	COLUMN 36”	TT049-05			
	COLUMN 42”	TT049-06			
	COLUMN 50”	FR049-13			
19	LOWER UNIT DECAL	ET060-04			
20	MONOFILAMENT WASHER	AR175-01			
21	PROP DRIVE PIN	BR102-01			
22	PROP/3 BLADE	AF124-10			
	PROP/2 BLADE	AF124-05			
23	PROP NUT	AR099-01			

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LOWER UNIT BREAKDOWN

Model:
BT50V
BACKTROLLER



NOTE–TORQUE THUR BOLT, PART No. MR218–02 AND DURA AMP SCREW PART No. MR229–01, TO 35–40 INCH POUNDS

NO. REQ'D	ITEM NO.	DESCRIPTION	PART NO.
		REPAIR KIT(INCLUDES ALL*)	7317
1	20	DURA AMP MODULE	JF096–07
1	19	COMM CAP LESS MOSFET & BRUSH ASS'Y	JF3205–04DSAW
1	18	NOSE CAP S/A	JF3212–01BSAW
1	17	ARMATURE 3.5"	CF3207–01
1	16	HOUSING ASS'Y	JF3210–01BSAW
2	15	DURA AMP SCREW	MR229–01
1	14	WASHER *	MR227–01
2	13	"O"–RING SEAL *	MR217–01
2	12	THRU BOLT	MR218–02
4	11	THRU BOLT WASHER *	MR216–01
4	10	STATIC SEAL *	MR222–01
1	9	NYLATRON WASHER *	MR226–01
1	8	BRUSH ASS'Y–LESS SPRING	JF3201–03
2	7	BRUSH SPRINGS *	MR214–02
1	6	BEARING *	MR206–01
2	5	SHAFT SEAL *	MR223–01
1	4	"E" RING	MR219–02
2	3	BRUSH CARD SCREW	MR228–01
1	2	RETAINER	JF233–01
X	1	3.5"–41#–D.A. MOTOR 50"	CF397–05

WIRING

