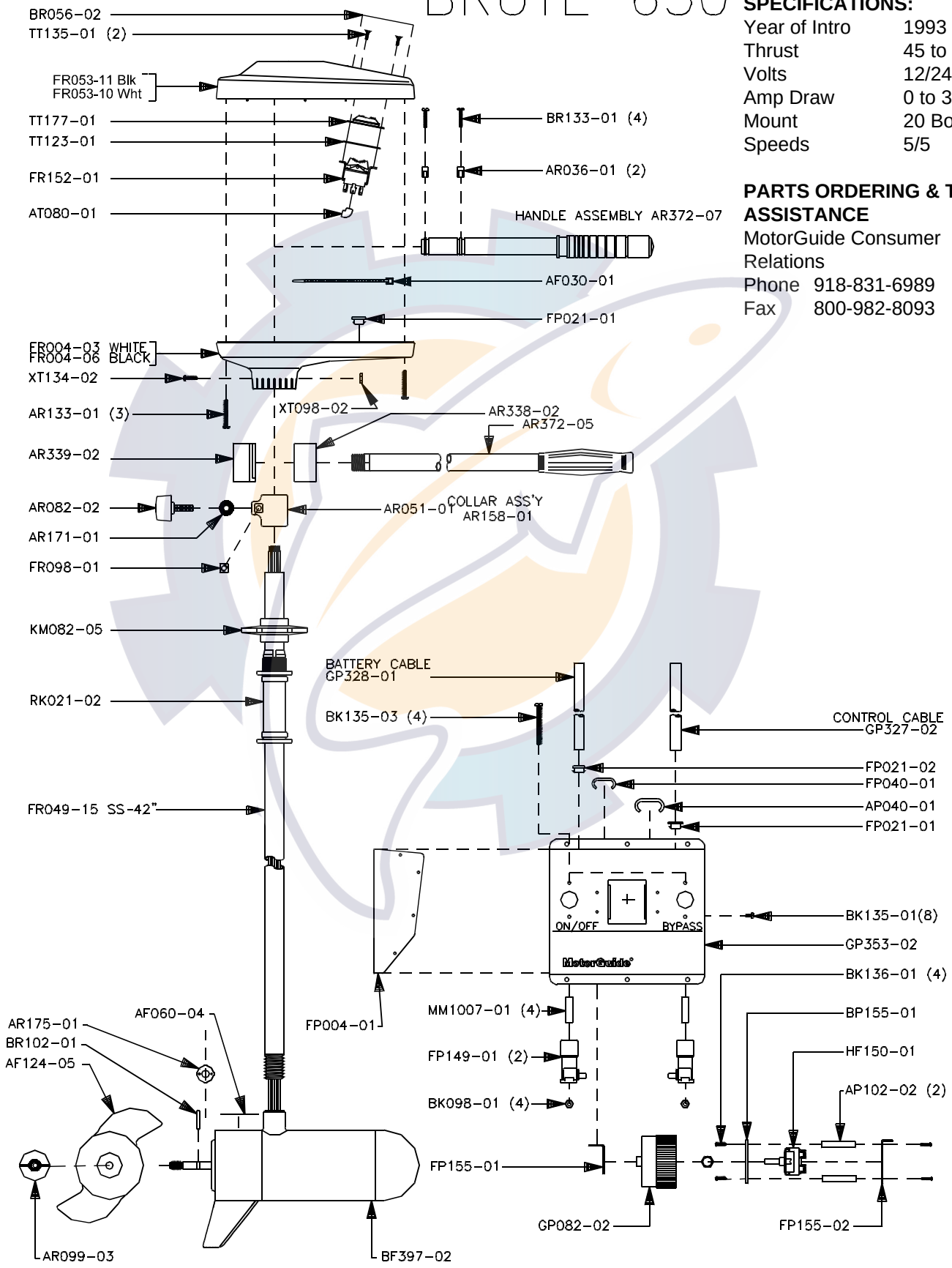
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MotorGuide®

REPAIR PARTS

Model:
650

BRUTE 650



SPECIFICATIONS:

Year of Intro	1993
Thrust	45 to 50LBS
Volts	12/24VDC
Amp Draw	0 to 34 amps
Mount	20 Bow
Speeds	5/5

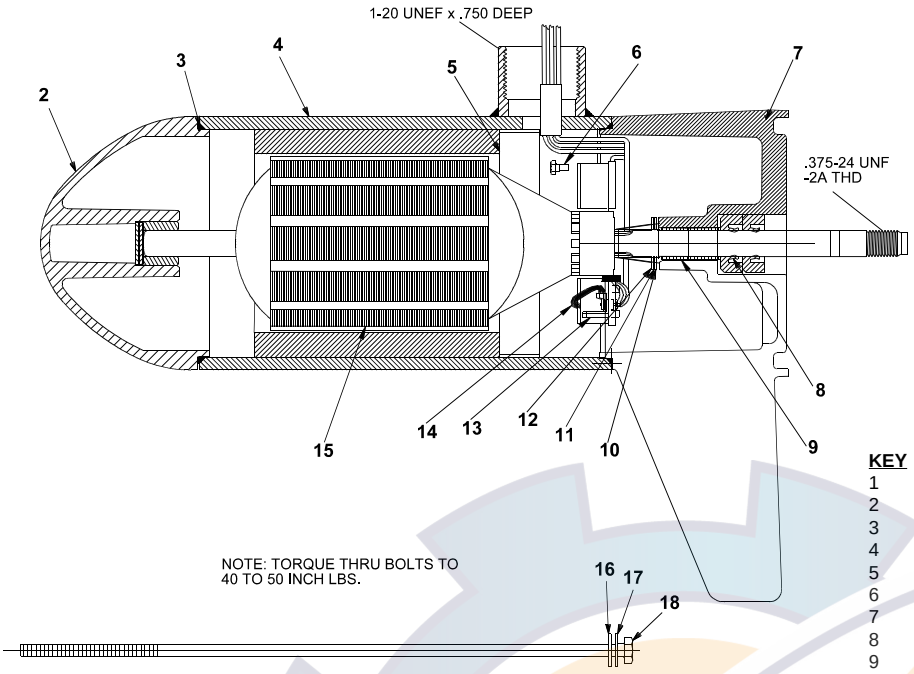
PARTS ORDERING & TECH ASSISTANCE

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

www.reelschematic.com

LOWER UNIT BREAKDOWN

Model: 650



KEY	QTY	DESCRIPTION	PART NO.
1	X	MOTOR	BF397-02
2	1	NOSE CAP	JF3212-01
3	2	O RING SEAL	MR217-01
4	1	HOUSING ASY	JF3210-01
5	1	RETAINER	JF233-01
6	2	BRUSH CARD SCREW	MR228-01
7	1	COMM CAP	BF3205-01
8	2	SHAFT SEAL	MR223-01
9	1	BEARING	MR206-01
10	1	NYLATRON WASHER	MR226-01
11	1	WASHER	MR227-01
12	1	E RING	MR219-01
13	2	BRUSH SPRINGS	MR214-02
14	1	BRUSH ASY LESS SPRING	BF3201-01
15	1	ARMATURE 3.5"	KF3207-01
16	4	STATIC SEAL	MR222-01
17	4	THRU BOLT WASHER	MR216-01
18	2	THRU BOLT	MR218-02

WIRING

