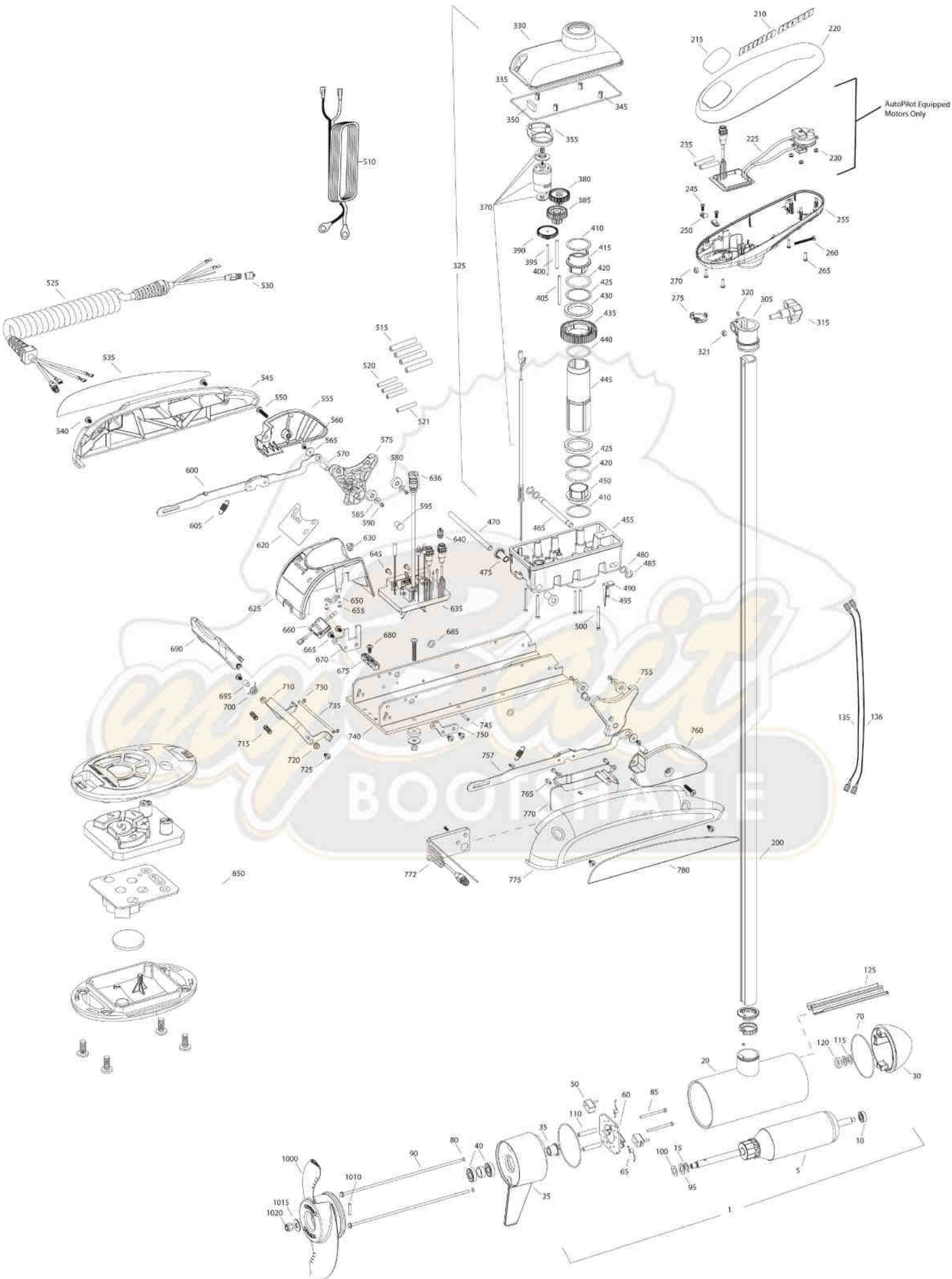
RT80/ST
80 LBS THRUST
24 VOLT 56 AMPS
54" OR 60" SHAFT

for use with "M" serial numbers
2-year warranty



Item	P/N	Description	Qty
1	2777027	24V Motor 60" SW	1
	2777026	24V Motor 54" SW	1
5	2-100-214	Armature assembly	1
10	140-010	Bearing	1
15	788-040	Retaining ring	1
20		Included in #200 assemby	
25	2-300-370	Brush end housing assembly	1
30	421-376	Plain end housing assembly SW	1
35	144-017	Flange bearing	1
40	880-025	Seal	2
50	188-094	Brush	2
60	2-600-199	Brush plate assembly	1
65	975-041	Brush spring	2
70	701-043	O-ring, motor	2
80	701-009	O-ring, thru-bolt	2
85	830-027	Screw, 10-32 x 2	2
90	830-094	Thru-bolt	2
95	990-051	Washer, steel	1
100	990-052	Washer, nylatron	1
110	973-025	Spacer, brush plate	2
115	992-010	Washer, Belleville	2
120	990-045	Spacer, thrust	1
125	582-013	Clip, retaining, short	1
135	640-025	Leadwire, black	1
136	640-133	Leadwire, red	1
200	2777396	Tube, composite 60" SW	1
205		Included in #200 assemby	
210	2325666	Decal, cover	2
215	2325686	Decal, ctrl box 80 RT	1
	2325683	Decal, ctrl box 80 RT Autopilot	1
220	2320201	Cover, ctrl box	1
225	2324030	Ctrl board, compass, Autpillot only	1
230	2302960	Grommet, compass, Autopilot only	3
235	2305415	Wire insulator	2
245	2372100	Screw, 8-18 x .625	3
250	2052510	Cable clamp	3
255	2322501	Ctrl box	1
260	2332102	Screw, 10-24	1
265	2372100	Screw, 8-18 x .625	4
270	2333101	Nut, 10-24	1
275	2224702	Plug, ctrl box	1
305	2771500	Depth collar assembly	1
315	2260906	Knob (included in #305)	1
320	2321706	Washer (included in #305)	1
321	3233102	Nut (included in #305)	1
325	2997022	Steering housing	1
330	2326502	Steering housing top	1
335	2324604	O-ring, case seal	1
345	2305605	Roll pin 5/16	4
350	2308601	Breather, filter	1
355	2328610	Cradle, motor	1
360	2302240	Pinion gear	1
365	2300265	Cap, motor, plastic	1
370	2777020	Motor, steering, 24V	1

Item	P/N	Description	Qty
380	2302255	Gear, cluster 3rd stage	1
385	2302250	Gear, cluster 2nd stage	1
390	2302245	Gear, cluster 1st stage	1
395	2302610	Shaft, gear 1st stage	1
400	2302620	Shaft, gear 3rd stage	1
405	2302615	Shaft, gear 2nd stage	1
410	2321704	Washer, thrust	2
415	2321515	Liner, output tube	1
420	2324608	O-ring, 224	2
425	2321720	Shim, O-ring	2
430	2327308	Bearing, ball sealed	2
435	2322200	Gear, output	1
440	2324601	O-ring, output gear	1
445	2322030	Tube, output machined	1
450	2321510	Collar, drive, bottom	1
455	2326507	Steering housing, Bottom	1
460	2320605	Leadwire, Steering	1
465	2322601	Pin, latch, SS	1
470	2322603	Pin, pivot, SS	1
475	2327310	Bushing, pivot pin	2
480	2321702	Washer, flat .375	2
485	2263011	E-ring .375	2
490	2322702	Spring, latch pin	2
495	2323410	Screw, 8-32 x .75	1
500	2323408	Screw, 8-32 x 2	7
510	2090651	Leawire, 10 ga	1
515	2305403	Shrink tube - .5 ID x 1.0 Adhesive	4
520	2305410	Shrink tube - .315 OD x 2.25"	3
521	2305415	Shrink tube - .472 OD x 2.25"	1
525	2991273	Coil cord, 45"	1
	2991271	Coil cord, 54"	1
530	2320202	Cap, dust, coil cord, non-AP only	1
535	2325643	Decal, sideplate, left	1
540	2323405	Screw, 1/4-20	4
545	2321916	Sideplate, left	1
550	2323403	Screw, 1/4-20 x .375 SS	2
555	2321925	Skid, left	1
560	2323422	Screw, 10-24 x .375	2
565	2321700	Washer, #10 SS	2
570	2323501	Bolt, shoulder	2
575	2323905	Ramp, 4" left	1
580	2325117	Pad, rubber rest	4
585	2321706	Washer, #8	4
590	2323412	Screw, 8-18 x .25	4
595	2324706	Insert, ramp	2
600	2994203	Arm, release, left	1
605	2322710	Spring, extension	2
■	2770251	Cover, speed control with decal	1
620	2325651	Decal, speed control	1
625	2320211	Cover, speed control	1
630	2322901	Strain relief	1
635	2324012	Control board, 24-36v	1
■	2884050	Switch-reed repair kit	

Item	P/N	Description	Qty
636	2320208	Dust plug	1
640	2320203	Cap, dust, control board	1
645	2323406	Screw, 10-24 x	2
650	2321315	Holder, connector	1
655	2332103	Screw, 6-20 x .375	2
660	2074081	Battery meter, 24v	1
665	2323402	Screw, 1/4-20 x .375	4
670	2321941	Bracket, strain relief	1
675	2321310	Strain relief, wire	1
680	2323405	Screw, 1/4-20 x .5	1
685	2333100	Speed nut, .375	2
690	2320216	Handle, release cover	1
695	2301700	Bushing,	1
700	2322701	Spring, release handle	1
710	2320401	Handle, release SW	1
715	2322712	Spring, release handle	2
720	2322604	Bushing, handle	2
725	2332104	Screw, 1/4-20 x .625	2
730	2323000	E-clip, 3/16, SS	2
735	2322607	Pin, follower, handle	1
740	2321902	Base extrusion, machined	1
745	2322912	Spring pin,	2
750	2321951	Bracket, sideplate	1
755	2323900	Ramp, 4" right	1
757	2994201	Arm, release, Right	1
760	2321920	Skid, right	1
765	2301310	Screw, 8-18 x .5	3
770	2370221	Cover, access, SW	1
772	2374090	Copilot Reciever Board	1
775	2321911	Sideplate, right, SW	1
780	2325642	Decal, sideplate, right	1
850	2994095	Remote assembly	1
851		Case, cover, transmitter	1
860		Keypad, transmitter	1
865		Transmitter board	1
870		Battery, transmitter	1
875		Case, bottom, transmitter	1
880		Screw, 4-24	4
■	1378132	Propeller kit WW2	
■	2994876	Propeller bag assy	
1000	2331160	Propeller WW2	1
1010	2262658	Drive pin, large	1
1015	2091701	Washer, prop, large	1
1020	2198401	Nut, Anode, nylock, prop, large	1
■	2994864	Mounting hardware bag assy	
■	2889460	Seal & Oring Kit	

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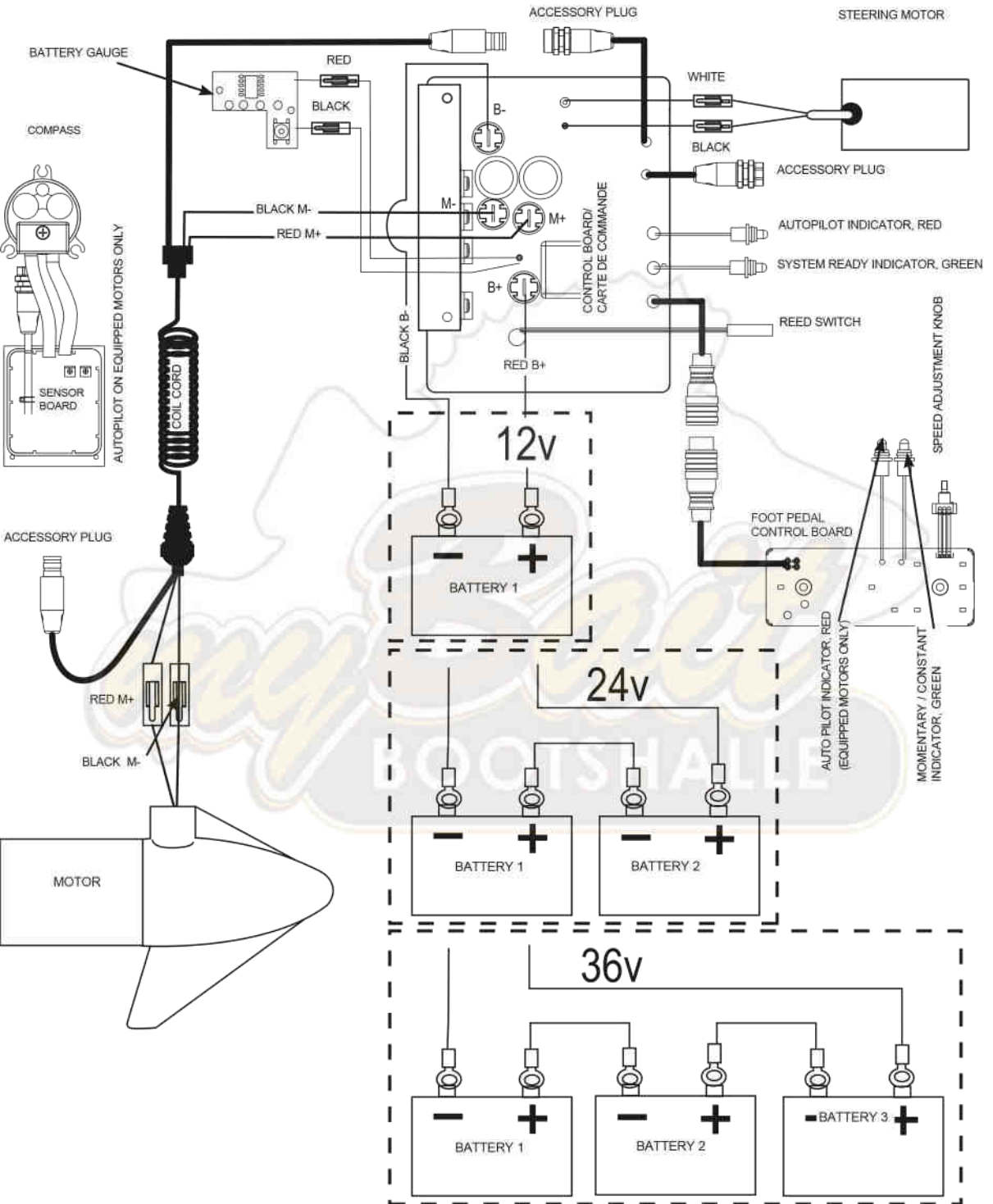
* This item is part of an assembly. This item cannot be sold separately due to machining and /or assembly that is required.

THIS IS A UNIVERSAL MULTI-VOLTAGE DIAGRAM. DOUBLE CHECK YOUR MOTORS VOLTAGE FOR PROPER CONNECTIONS

Over-Current Protection Devices not shown in illustrations.