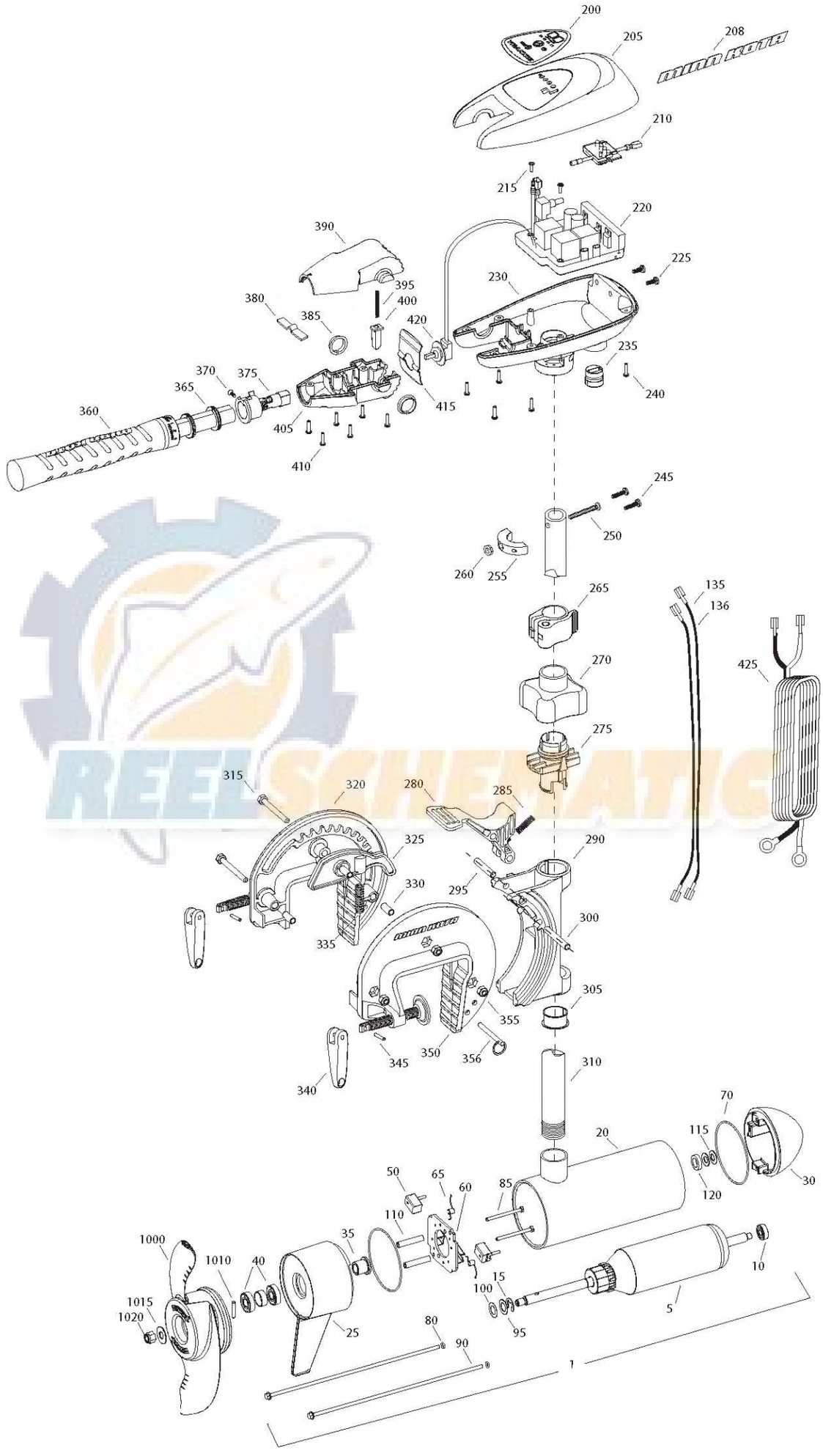
RT 80
80 LBS THRUST
24 VOLT 56 AMPS
42" SHAFT

for use with “J” serial numbers
3-year warranty from the date of sale



Item	P/N	Description	Qty
1	2316228	24V Motor 42” SW	1
5	2-100-214	Armature assembly	1
10	140-010	Bearing	1
15	788-040	Retaining ring	1
20	2-200-397	Center housing assemby	1
25	2-300-340	Brush end housing assembly	1
30	421-376	Plain end housing assembly STD	1
35	144-017	Flange bearing	1
40	880-025	Seal	2
50	188-094	Brush	2
60	9-738-004	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	2
100	990-052	Washer, nylatron	2
110	973-025	Spacer, brush plate	2
115	992-010	Washer, Belleville	2
120	992-045	Spacer, thrust	1
135	640-018	Leadwire, black	1
136	640-123	Leadwire, red	1
■	2889460	Seal and O-ring Kit	
200	2195659	Decal, c-box cover	1
205	2060296	C-box cover	1
208	2325666	Decal - MinnKota	2
210	2074081	Battery meter, 24v SW	1
215	2043427	Screw, #8 x 7/8 SS	2
220	2184007	Control board, 24/36	1
225	2303434	Screw, #8-30 x 5/8 SS	2
230	2062503	Control box, VARS, SW	1
235	2062905	Strain relief	1
240	2303412	Screw, #6 x 5/8 SS	6
245	2263434	Screw, #8 x 1 SS	2
250	2263406	Screw, #10-24 x 2 SS	1
255	2061517	Collar, c-box	1
260	233101	Nut, 10-24, nylock, SS	1
265	2991521	Cam lock/depth collar assy	1
■	2991798	Bracket assy, Aluminum [270-356]	1
270	2060100	Knob, steering tension, soft	1
275	2068400	Collet	1
280	2064200	Lock arm	1
285	2062701	Spring, lock arm	1
290	2061820	Hinge	1
295	2062603	Pin, lock, ss	1
300	2062603	Pin, lock, ss	1
305	2037301	Bushing, hinge	1
310	2032032	Tube 42”	1
315	2063501	Bolt 1/4-20 x 2 3/8”, ss	3
320	2771949	Bracket, right, SW	1
325	2067905	Cam deactivator	1
330	2067306	Bushing, dowel 1/4 x 1/2	3
335	2062700	Spring, cam deactivator	1
■	2771303	Clamp screw kit	2 per kit
340	2050925	Handle, clamp	2
345	2052625	Roll pin	2
350	2771948	Bracket, left, SW	1
355	2263103	Nut, 1/4-20, nylock, ss	3
356	2062604	Pin, stop	1
■	2990957	Handle assy, VARS [360-410]	1
360	2990456	Grip/handle assy, VARS [360-375]	1
365	2060015	Bearing, handle	2
370	2063405	Screw, #6 PFH SS	1
375	2884092	Yoke / spider assy, VARS	1
380	2302742	Spring, detent, off	1
385	2060005	Bearing, handle pivot	2
390	2060900	Handle half, upper	1
395	2302745	Spring, release button	1
400	2063700	Button, release	1
405	2060905	Handle half, lower	1
410	2303412	Screw, #6 x 5/8 SS	6
415	2062715	Spring, handle pivot	1
420	2061700	Washer, pot holder	1
425	2992523	Leadwire assy, includes [235]	1
■	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, nylock, prop, Anode	1

REELSCHEMATIC

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

RT 80 is 24-volt only!

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

