

**55 LBS THRUST
12 VOLT 50 AMPS
36" & 42" SHAFT**

This exploded view diagram illustrates the assembly of a boat outboard motor. The components are numbered as follows:

- Motor and Propulsion Components:** 5 (Lower unit), 10 (Pin), 15 (Pin), 20 (Cylinder), 30 (Shaft), 35 (Gasket), 40 (Pin), 45 (Pin), 70 (Gasket), 75 (Gasket), 80 (Pin), 85 (Pin), 90 (Pin), 95 (Pin), 100 (Pin), 1010 (Pin), 1015 (Pin), 1020 (Pin), 1000 (Propeller).
- Internal Mechanism and Gear Components:** 25 (Propeller), 50 (Pin), 55 (Pin), 60 (Pin), 65 (Pin), 70 (Gasket), 85 (Pin), 280 (Bracket), 285 (Bracket), 290 (Bracket), 295 (Bracket), 300 (Bracket), 305 (Bracket), 310 (Bracket), 315 (Bracket), 320 (Bracket), 325 (Bracket), 330 (Bracket), 335 (Bracket), 350 (Bracket), 355 (Bracket), 356 (Bracket).
- Control and Electrical Components:** 135 (Cable), 136 (Cable), 200 (Cover), 205 (Cover), 210 (Bracket), 215 (Bracket), 220 (Bracket), 225 (Bracket), 230 (Bracket), 235 (Bracket), 240 (Bracket), 245 (Bracket), 250 (Bracket), 255 (Bracket), 260 (Bracket), 265 (Bracket), 270 (Bracket), 275 (Bracket), 290 (Bracket), 300 (Bracket), 305 (Bracket), 310 (Bracket), 315 (Bracket), 320 (Bracket), 325 (Bracket), 330 (Bracket), 335 (Bracket), 350 (Bracket), 355 (Bracket), 356 (Bracket).
- Other Components:** 208 (Bracket), 360 (Bracket), 365 (Bracket), 370 (Bracket), 375 (Bracket), 380 (Bracket), 385 (Bracket), 390 (Bracket), 395 (Bracket), 400 (Bracket), 410 (Bracket), 415 (Bracket), 420 (Bracket), 425 (Bracket).

Item	P/N	Description	Qty	Item	P/N	Description	Qty
1	2097096	12V Motor 42" SW	1	325	2067905	Cam deactivator	1
5	2-100-117	Armature assembly	1	330	2067306	Bushing, dowel 1/4 x 1/2	3
10	140-010	Bearing	1	335	2062700	Spring, cam deactivator	1
15	788-015	Retaining ring	1	■	2881380	Clamp screw kit	2 per kit
20	2-200-301	Center housing assembly	1	350	2771955	Bracket, left, FW	1
25	421-336	Brush end housing assembly	1	355	2263103	Nut, 1/4-20, nylock, ss	3
30	2-400-337	Plain end housing assembly	1	356	2062604	Pin, stop	1
35	144-049	Flange bearing	1				
40	880-003	Seal	1	■	2990957	Handle assy, [360-410]	1
45	880-006	Seal with shield	1	360	2990456	Grip/handle assy, [360-375]	1
50	188-036	Brush	2	365	2060015	Bearing, handle	2
55	725-050	Paper tube	1	370	2063405	Screw, #6 PFH SS	1
60	738-036	Brush plate assembly	1	375	2884092	Yoke / spider assy	1
65	975-040	Brush spring	2	380	2302742	Spring, detent, off	1
70	337-036	Gasket	1	385	2060005	Bearing, handle pivot	2
75	701-081	O-ring, motor	1	390	2060900	Handle pivot, top	1
80	701-008	O-ring, thru-bolt	2	395	2302745	Spring, release button	1
85	830-007	Screw, 8-32	2	400	2063700	Button, release	1
90	830-042	Thru-bolt	2	405	2060905	Handle pivot, bottom	1
95	990-067	Washer, steel	2	410	2303412	Screw, #6 x 5/8 SS	6
100	990-070	Washer, nyatron	2	420 2061700 washer, pot holder 1			
135	640-002	Leadwire, black	1	415	2062715	Spring, handle pivot	1
136	640-113	Leadwire, red	1	425	2992524	Leadwire assy, includes [235]	1
■	2888460	Seal and O-ring Kit					
				■	1378131	Propeller kit WW2	
200	2195654	Decal, c-box cover	1	1000	2091160	Propeller WW2	1
205	2060296	C-box cover	1	1010	2092600	Drive pin, small	1
208	2325666	Decal - MinnKota	2	1015	2151726	Washer, prop, small	1
210	2074080	Battery meter, 12v SW	1	1020	2198400	Nut, nylock, prop, Anode	1
215	2043427	Screw, #8 x 7/8 SS	2				
220	2184006	Control board, 12v	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	2333101	Nut, 10-24, nylock, SS	1				
265	2991521	Cam lock/depth collar assy	1				
■	2991797	Bracket assy, Composite [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	2061821	Hinge	1				
295	2062603	Pin, lock, ss	1				
300	2062603	Pin, lock, ss	1				
305	2037301	Bushing, hinge	1				
310	2032031	Tube 36"	1				
	2032032	Tube 42"	1				
315	2063501	Bolt 1/4-20 x 2 3/8", ss	3				
320	2771950	Bracket, right, FW	1				

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

RT 55 is 12-volt only!

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

