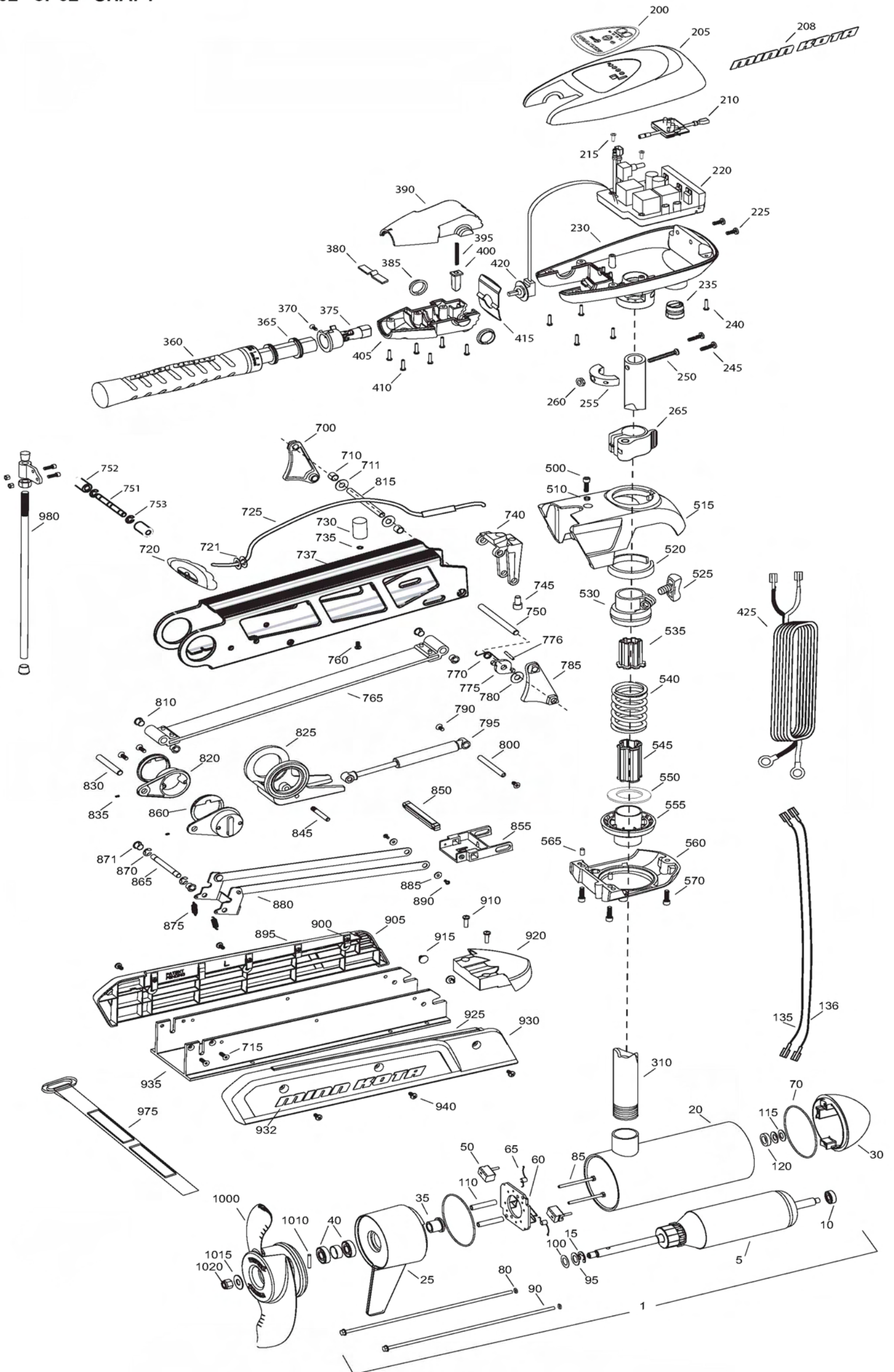


**RT80/SF and RT101/SF**  
**80 and 101 LBS THRUST**  
**24-v/56 amps and 36-v/46 amps**  
**52" or 62" SHAFT**

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



Item	P/N	Description	Qty	Item	P/N	Description	Qty
<b>80# Motor</b>				200	2195659	Decal, c-box cover 80#	1
1	2316226	24V Motor 62" SW	1		2095604	Decal, c-box cover 101#	1
5	2-100-214	Armature assembly	1	205	2060296	C-box cover	1
10	140-010	Bearing	1	208	2325666	Decal - MinnKota	2
15	788-040	Retaining ring	1	210	2074081	Battery meter, 24v SW	1
20	2-200-397	Center housing assembly	1		2074082	Battery meter, 36v SW	1
25	2-300-340	Brush end housing assembly	1	215	2043427	Screw, #8 x 7/8 SS	2
30	421-376	Plain end housing assembly STD	1	220	2184017	Control board, 24/36v	1
35	144-017	Flange bearing	1	225	2303434	Screw, #8-30 x 5/8 SS	2
40	880-025	Seal	2	230	2062503	Control box, VARS, SW	1
50	188-094	Brush	2	235	2062905	Strain relief	1
60	9-738-004	Brush plate assembly	1	240	2303412	Screw, #6 x 5/8 SS	6
65	975-041	Brush spring	2	245	2263434	Screw, #8 x 1 SS	2
70	701-043	O-ring, motor	2	250	2263406	Screw, #10-24 x 2 SS	1
80	701-009	O-ring, thru-bolt	2	255	2061517	Collar, c-box	1
85	830-027	Screw, 10-32 x 2	2	260	2383124	Nut, 10-24, nylock, SS	1
90	830-094	Thru-bolt	2	265	2991521	Cam lock/depth collar assy	1
95	990-051	Washer, steel	2				
100	990-052	Washer, nylatron	2	310	2002014	Tube Composite 52"	1
110	973-025	Spacer, brush plate	2		2002015	Tube Composite 62"	1
115	992-010	Washer, Belleville	2				
120	990-045	Spacer, thrust	1	■	2990957	Handle assy, VARS [360-410]	1
135	640-021	Leadwire, black	1	360	2990456	Grip/handle assy, VARS [360-375]	1
136	640-126	Leadwire, red	1	365	2060015	Bearing, handle	2
■	2889460	Seal and O-ring Kit		370	2063405	Screw, #6 PFH SS	1
				375	2884092	Yoke / spider assy, VARS	1
				380	2302742	Spring, detent, off	1
<b>101# Motor</b>				385	2060005	Bearing, handle pivot	2
1	2316286	36V Motor 62" SW	1	390	2060900	Handle pivot, top	1
5	2-100-216	Armature assembly	1	395	2302745	Spring, release button	1
10	140-010	Bearing	1	400	2063700	Button, release	1
15	788-040	Retaining ring	1	405	2060905	Handle pivot, bottom	1
20	2-200-310	Center housing assembly	1	410	2303412	Screw, #6 x 5/8 SS	6
25	2-300-340	Brush end housing assembly	1	415	2062715	Spring, handle pivot	1
30	421-376	Plain end housing assembly STD	1	420	2061700	Washer, pot holder	1
35	144-017	Flange bearing	1	425	2992521	Leadwire assy	1
40	880-025	Seal	2				
50	188-094	Brush	2	■	2991768	Bowguard Assembly SW [500-570]	1
60	9-738-004	Brush plate assembly	1	500	2263422	Screw, 5/16 x 1 SHCS	1
65	975-041	Brush spring	2	510	2281700	Washer, 5/16 highcollar lock	1
70	701-043	O-ring, motor	2	515	2281943	Bowguard top	1
80	701-009	O-ring, thru-bolt	2	520	2280001	Bearing, Bowguard top	1
85	830-027	Screw, 10-32 x 2	2	525	2011366	Knob, ss	1
90	830-096	Thru-bolt	2	530	2261525	Spring sleeve, upper	1
95	990-051	Washer, steel	2	535	2264702	Tube insert, upper	1
100	990-052	Washer, nylatron	2	540	2262705	Spring, bowguard	1
110	973-025	Spacer, brush plate	2	545	2282000	Tube insert, lower	1
115	992-010	Washer, Belleville	2	550	2281525	Spacer, lower spring	1
120	990-045	Spacer, thrust	1	555	2281520	Spring sleeve, lower	1
135	640-021	Leadwire, black	1	560	2991726	Bowguard bottom	1
136	640-126	Leadwire, red	1	565	2262632	Spring pin 1/4 x 5/8, ss	2
■	2889460	Seal and O-ring Kit		570	2263422	Screw, 5/16 x 1, ss	3

Item	P/N	Description	Qty	Item	P/N	Description	Qty
■	2991749	Mount, Fortrex, Short 52" [700-940]	1		2993916	Sideplate assembly, long, left, sw	1
■	2991750	Mt, Fortrex, Long 80# 62" [700-940]	1	895	2288625	Support, left sideplate	1
■	2991751	Mt, Fortrex, Long 101# 62" [700-940]	1	900	2283408	Screw 8 x 3/8	8
700	2280800	Link, bowguard mount, left	1	905	2283911	Sideplate, short, left, sw	1
710	2287303	Bushing, upper pins	2		2283916	Sideplate, long, left, sw	1
711	2287304	Bushing, delrin	2	910	2073408	Screw 1/4-20 x 7/8	2
715	2283400	Screw, 1/4-20 x 3/4 FHSC	4	915	2286700	Plug, spacer	2
720	2880400	Pull grip assembly	1	920	2283900	Ramp, motor	1
721	2261732	Washer	2	■	2993921	Sideplate assembly, short, right, sw	1
725	2771601	Rope assembly	1		2993926	Sideplate assembly, long, right, sw	1
730	2281516	Spacer, inner arm	1	925	2288620	Support, right sideplate	1
735	2281702	Washer, lock 1/4	1	930	2283921	Sideplate, short, right, sw	1
737	2284202	Outer arm, short, 52"	1		2283926	Sideplate, long, right, sw	1
	2284212	Outer arm, long, 62"	1	932	2285501	Decal, Sideplate, sw	2
740	2992302	Rope guide assembly	1	935	2281902	Base extrusion, short, 52"	1
745	2281530	Insert, threaded	1			Base extrusion, long, 62"	1
750	2282608	Pin, 7/16 x 5 5/32	1	940	2323405	Screw 1/4-20 x 1/2	6
751	2282602	Pin, 3/8 x 3 3/4	1				
752	2261505	Spacer	2	975	2773806	Strap hold down	1
753	2263011	E-ring, 3/8 shaft	2	980	2991928	Bracket stabilizer assembly	1
760	2223418	Screw, 1/4-20 x 1/2 BHCS	1				
765	2993819	Inner arm assembly, short, 52"	1	■	1378132	Propeller kit WW2	
	2993821	Inner arm assembly, long, 62"	1	■	2994876	Propeller bag assy	
770	2042711	Spring, torsion	1	1000	2331160	Propeller WW2	1
775	2283620	Latch, safety	1	1010	2262658	Drive pin, large	1
776	2282611	Spring, safety latch	1	1015	2091701	Washer, prop, large	1
780	2281704	Washer 7/16 nylon	1	1020	2198401	Nut, nylock, prop, Anode	1
785	2280805	Link, bowguard mount, right	1				
790	2283410	Screw 1/4-20 x 1/2 PFH	2	■	2994830	Bag assembly	1
795	2288400	Gas spring (cylinder), 80/101#, short	1				
	2288401	Gas spring (cylinder), 80#, long mt	1				
	2288402	Gas spring (cylinder), 101#, long mt	1				
800	2282610	Pin, upper, shock	1				
810	2280005	Bearing, nyliner 7/16"	4				
815	2282600	Pin, 7/16 x 4 7/8	1				
820	2281932	Bracket, rear pivot	2				
825	2281501	Yoke, shock mount	1				
830	2282606	Pin, 7/16 x 4 1/2	1				
835	2283402	Screw, set, 6-32 x 1/4	2				
845	2282604	Pin, Knurled 5/16 x 2	1				
850	2283615	Latch bar	1				
855	2283610	Bracket - latch/strap, rope pull	1				
860	2287300	Bushing, rear pivot	2				
865	2282602	Pin, 3/8 x 3 3/4	1				
870	2263011	E-ring, 3/8 shaft	2				
871	2280008	Bearing, Iglide	2				
875	2282720	Spring, extension	2				
880	2773600	Latch strap assembly, short	1				
	2773601	Latch strap assembly, Long	1				
885	2261732	Washer 8, nylon	2				
890	2373450	Screw 8-18 x 3/8	2				
■	2993911	Sideplate assembly, short, left, sw	1				

# 12-24-36 VOLT VARIABLE SPEED MODELS

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

Riptide 80 is 24-volt only and Riptide 101 is 36-volt only!

