

This exploded view diagram illustrates the assembly of a Minn Kota trolling motor. The components are numbered as follows:

- Motor and Propulsion:** 1 (propeller), 2-5 (propeller assembly), 6-10 (motor housing and shaft), 11-14 (internal motor components), 15-18 (motor mounting and seals), 19 (motor base), 20-23 (motor mounting hardware), 24 (motor cable), 25-28 (propeller assembly), 29 (motor cap).
- Control and Electronics:** 31-34 (control switch components), 35-38 (switch mounting hardware), 39-43 (switch housing and mounting), 44-46 (switch cable and connectors), 47-49 (switch housing components), 50-53 (switch wiring and connectors), 54-56 (switch housing components), 57 (switch housing), 58 (switch housing), 59 (switch housing), 60-63 (switch housing components), 64 (switch housing), 65 (switch housing), 66 (switch housing), 67 (switch housing), 68 (switch housing), 69 (switch housing), 70 (switch housing), 71 (switch housing), 72 (switch housing), 73 (switch housing), 74 (switch housing), 75 (switch housing), 76 (switch housing), 77 (switch housing), 78 (switch housing), 79 (switch housing), 80 (switch housing), 81 (switch housing), 82 (switch housing), 83 (switch housing), 84 (switch housing), 85 (switch housing), 86 (switch housing), 87 (switch housing), 88 (switch housing), 89 (switch housing), 90 (switch housing), 91 (switch housing), 92 (switch housing), 93 (switch housing), 94 (switch housing), 95 (switch housing), 96 (switch housing), 97 (switch housing), 98 (switch housing), 99 (switch housing), 100 (switch housing), 101 (switch housing), 102 (switch housing), 103 (switch housing), 104 (switch housing), 105 (switch housing), 106 (switch housing), 107 (switch housing), 108 (switch housing), 109 (switch housing), 110 (switch housing), 111 (switch housing), 112 (switch housing), 113 (switch housing), 114 (switch housing), 115 (switch housing), 116 (switch housing), 117 (switch housing), 118 (switch housing), 119 (switch housing).
- Mounting and Hardware:** 1-5 (propeller assembly), 6-10 (motor housing and shaft), 11-14 (internal motor components), 15-18 (motor mounting and seals), 19 (motor base), 20-23 (motor mounting hardware), 24 (motor cable), 25-28 (propeller assembly), 29 (motor cap), 30 (motor housing), 31-34 (control switch components), 35-38 (switch mounting hardware), 39-43 (switch housing and mounting), 44-46 (switch cable and connectors), 47-49 (switch housing components), 50-53 (switch wiring and connectors), 54-56 (switch housing components), 57 (switch housing), 58 (switch housing), 59 (switch housing), 60-63 (switch housing components), 64 (switch housing), 65 (switch housing), 66 (switch housing), 67 (switch housing), 68 (switch housing), 69 (switch housing), 70 (switch housing), 71 (switch housing), 72 (switch housing), 73 (switch housing), 74 (switch housing), 75 (switch housing), 76 (switch housing), 77 (switch housing), 78 (switch housing), 79 (switch housing), 80 (switch housing), 81 (switch housing), 82 (switch housing), 83 (switch housing), 84 (switch housing), 85 (switch housing), 86 (switch housing), 87 (switch housing), 88 (switch housing), 89 (switch housing), 90 (switch housing), 91 (switch housing), 92 (switch housing), 93 (switch housing), 94 (switch housing), 95 (switch housing), 96 (switch housing), 97 (switch housing), 98 (switch housing), 99 (switch housing), 100 (switch housing), 101 (switch housing), 102 (switch housing), 103 (switch housing), 104 (switch housing), 105 (switch housing), 106 (switch housing), 107 (switch housing), 108 (switch housing), 109 (switch housing), 110 (switch housing), 111 (switch housing), 112 (switch housing), 113 (switch housing), 114 (switch housing), 115 (switch housing), 116 (switch housing), 117 (switch housing), 118 (switch housing), 119 (switch housing).

Wiring Diagram

824, RT48/AP, 62AP, 64AP(NAWA)

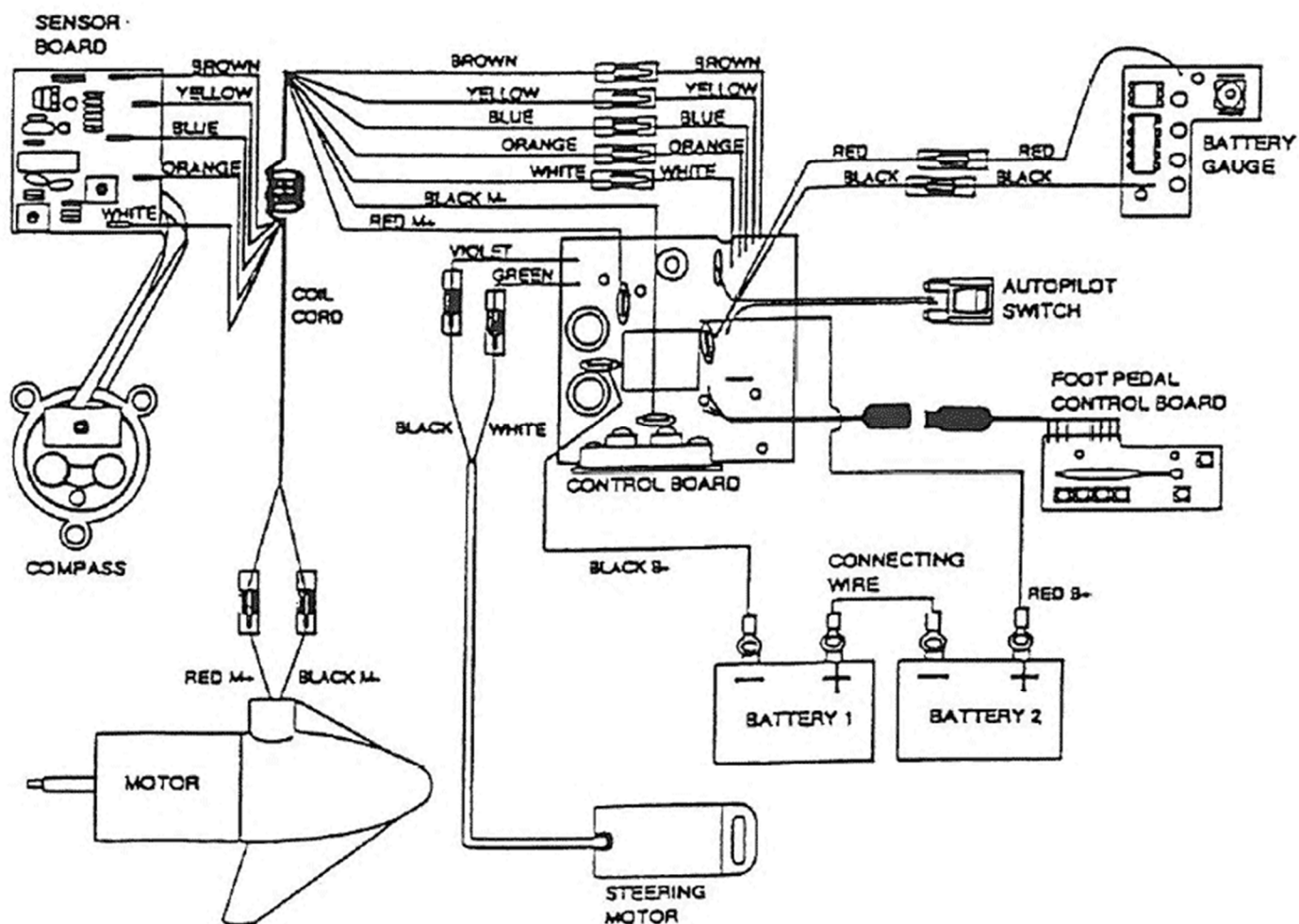


Diagram #	Product Info
1	Minn Kota Trolling Motor Part Not Available
2	THRUST DISC - METAL - 303-042
3	BEARING - SPHERICAL - 144-021
4	Minn Kota Trolling Motor Part Not Available
5	BALL - STEEL 116-025
6	ARM ASSY 24V 4" - 2-100-103
7	RETAINING RING - 788-040
8	WASHER - STEEL THRUST - 990-051
9	WASHER - NYLATRON - 990-052
10	Minn Kota Trolling Motor Part Not Available
11	SPRING - TORSION - 975-041
12	Minn Kota Trolling Motor Part Not Available
13	BRUSH PLATE ASSY, 4" - 409402
14	SPACER - BRUSHPLATE - 973-025
15	SCREW - SELF-THREAD 10-32X2.25 - 830-027
16	CENTER HOUSING ASSY - 92-200-160
17	O-RING - 701-043
18	BEARING - FLANGE - 144-017
19	BRUSH END HOUSING ASSY - 92-300-160
20	SEAL - 880-025
21	O-RING - 701-009
22	THRU BOLT 12-24 X10.31 - 830-094
23	MTR ASY 24V 4" 80 W/PROP KIT - 2886229
24	TUBE (COMPOSITE) 60 3/4" - 2032069
25	Minn Kota Weedless Wedge 2331120 / MKP-8 / 1378129 / 1865007
26	LOCKWASHER-PROP (LARGE) - 2091700
27	NUT-PROP (LARGE) - 2093100
28	PIN-DRIVE (95-4HP'S) (SS) - 2092600
29	Minn Kota Trolling Motor Part Not Available
30	Minn Kota Trolling Motor Part Not Available
31	Minn Kota Trolling Motor Part Not Available
32	Minn Kota Trolling Motor Part Not Available
33	Minn Kota Trolling Motor Part Not Available
34	PAD-PIVOT SUPT ZINC - 2305110
35	PIVOT PAD - 2305103
36	NUT-SPEED - 2013100
37	PIN-LATCH (PD BASE) - 2300500
38	PIN-PIVOT (PD BASE) - 2300510
39	Minn Kota Trolling Motor Part Not Available
40	SPRING-RELEASE LEVER s/s - 2302700
41	LEVER-RELEASE - 2303710
42	SPACER-RELEASE LEVER - 2301700
43	SCREW-1/4-20 X 5/8-SELFTAP - 2303430
44	RELEASE-KNOB - 2300101
45	COLLAR DRIVE (W/INSERT) - 2031522
46	SCREW-COLLAR/NEW KNOB - 2011365
47	SCREW-10-24 X 1-3/4 (SS) - 2332102
48	NUT-HEX 10-24 UNC-2B NYLOCK SS - 2333101
49	STRAIN RELIEF-DR. HOUSING - 2302935
50	SCREW-8-32 X 3/8 THD CUT - 2332100
51	SCREW-8-32 X 1/2 (SS) - 2332101
52	WASHER-INSUL.(TRANSF.BAR) - 2301710
53	Minn Kota Trolling Motor Part Not Available
54	Minn Kota Trolling Motor Part Not Available
55	SWITCH-ROCKER - 2304073
56	SHRINK TUBE-3/8 OD X 1-1/ - 2305400
57	Minn Kota Trolling Motor Part Not Available
58	SIDEPLATE(LEFT)W/REST PAD - 2993806
59	Minn Kota Trolling Motor Part Not Available
60	SIDEPLATE(RIGHT)W/REST PD - 2993906
61	Minn Kota Trolling Motor Part Not Available
62	Minn Kota Trolling Motor Part Not Available
63	Minn Kota Trolling Motor Part Not Available
64	SCREW-1/4-20 X 5/8-SELFTAP - 2303430

65	Minn Kota Trolling Motor Part Not Available
66	Minn Kota Trolling Motor Part Not Available
67	COMPASS (NORTHERN HEMISPHERE) - 2994002
68	GROMMET-COMPASS (865MX) - 2302960
69	SCREW-6-20 X 3/8 THD*(SS) - 2332103
70	TIE WRAP-5.5" BLACK - 2256300
71	SCREW-8-18 X 5/8 THD* (SS - 2372100
72	Minn Kota Trolling Motor Part Not Available
73	COIL CORD (62AP, 64AP) - 2301223
74	Minn Kota Trolling Motor Part Not Available
75	Minn Kota Trolling Motor Part Not Available
76	DECAL, BATTERY GAUGE - SERV - 2306615
77	DECAL-COVER GENERIC - 2305644
78	LEADWIRE KIT 1,10 AWG,SERVICE - 2770610
79	Minn Kota Trolling Motor Part Not Available
80	CONNECTOR CABLE-(24 VOLT) - 2090620
81	WIRE INSULATOR-LGE 1-3/4 - 2065400
82	FOOT PEDAL ASSY-(765T) - 2774700
83	FOOT PEDAL BASE - 2304511
84	Minn Kota Trolling Motor Part Not Available
85	FOOT PEDAL-UPPER (765T) - 2304516
86	FOOT PEDAL-LOWER (765T) - 2304520
87	LEVER MOM/CON- - 2307210
88	SPRING-LONG-UPPER PEDAL - 2302730
89	SPRING-SHORT-UPPER PEDAL - 2302731
90	SPRING-LOWER PEDAL S/S - 2302732
91	CONTROL BOARD ASSY-FT PDL-SERV - 2774012
92	CONTROL CORD ASSY - 2300730
93	KNOB-SPEED SELECTOR - 2300120
94	HOUSING SPEED SELECTOR - 2300121
95	ACTUATOR-BOARD (765T) - 2302840
96	ACTUATOR-MOM/CON (765T) - 2302841
97	ACTUATOR-STEERING (765T) - 2302842
98	SCREW-6-20 X 1/2 THD CUTS - 2302100
99	SCREW-8-18 X 5/8 THD* (SS - 2372100
100	DECAL-ON/OFF SWITCH - 2266610
101	BUMPER ACTUATOR- - 2335130
102	BAG ASSY-(RUBBER BUMPERS) - 2994807
103	BAG ASSY-(RUBBER BUMPERS) - 2994807
104	BAG ASSY, DH40, BOLT,NUT,WSHR - 2994853
105	Minn Kota Trolling Motor Part Not Available
106	WASHER-5/16 STD (S/S) 2151726
107	Minn Kota Trolling Motor Part Not Available
108	WASHER-MOUNTING*RUBBER - 2301720
109	Minn Kota Trolling Motor Part Not Available
110	Minn Kota Trolling Motor Part Not Available
111	TIE WRAP-5.5" BLACK - 2256300
112	INSULATING PAD - 2315105
113	BRUSH PLATE ASSY, 4" - 409402
114	BRUSH PLATE ASSY, 4" - 409402
115	Minn Kota Trolling Motor Part Not Available
116	Minn Kota Trolling Motor Part Not Available
117	Minn Kota Trolling Motor Part Not Available
118	Minn Kota Trolling Motor Part Not Available
119	ORING SHAFT SEAL - 2304603