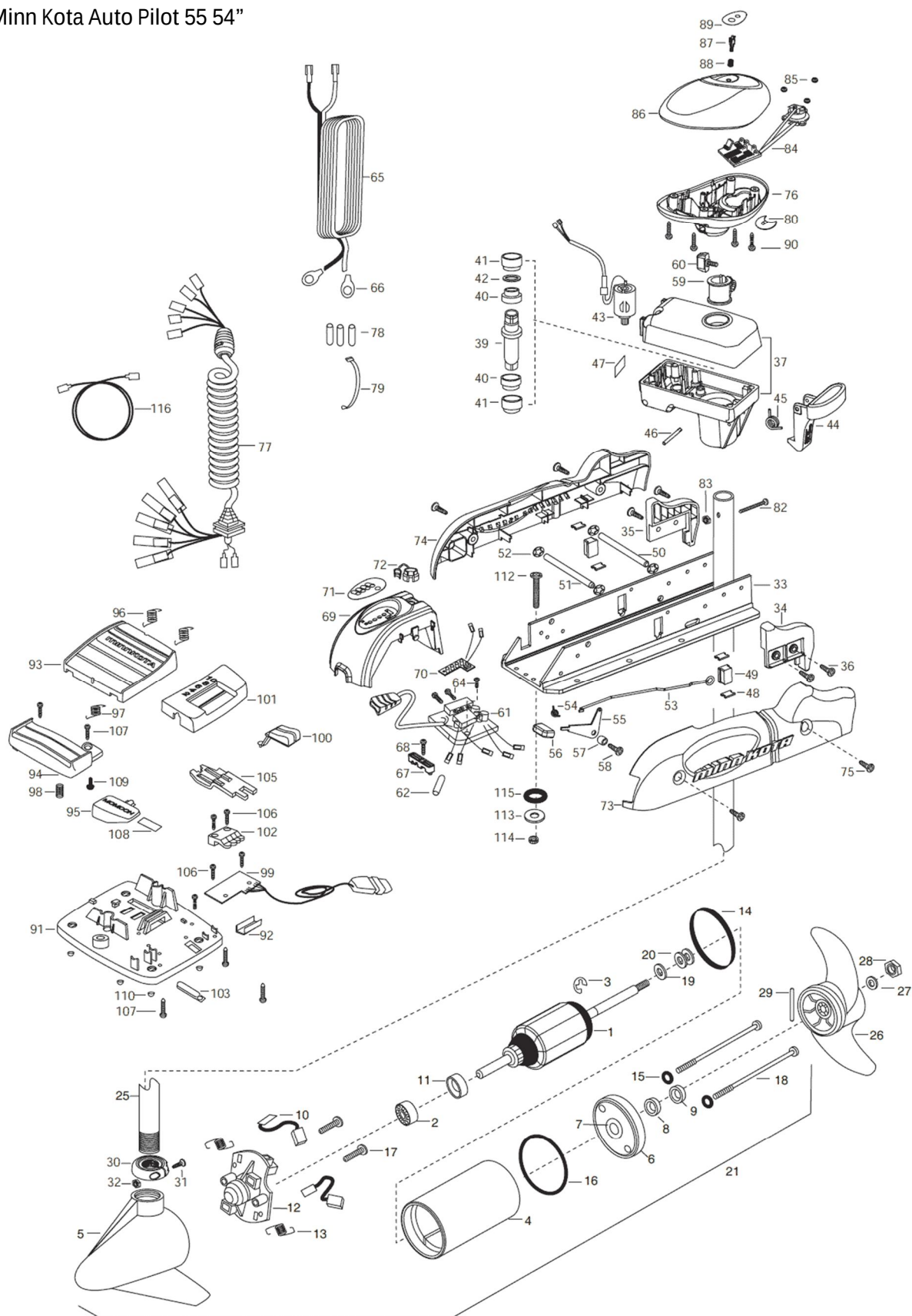


Minn Kota Auto Pilot 55 54"



Wiring Diagram

55AP

Wiring Diagram

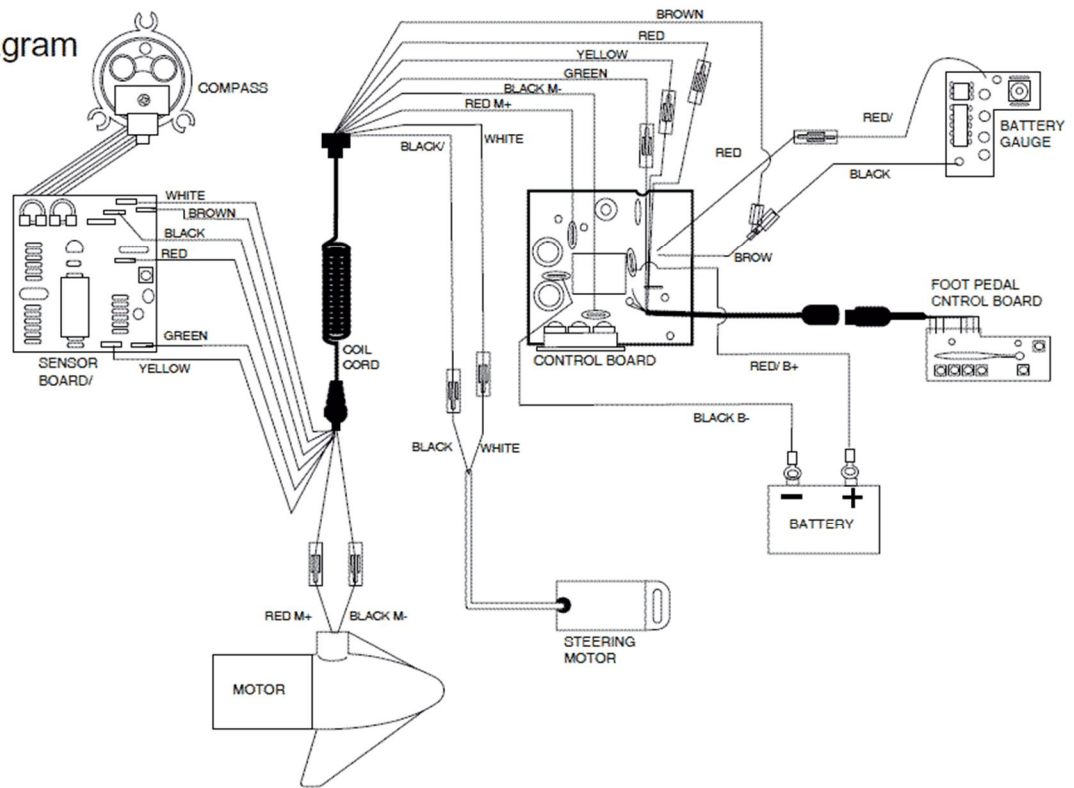


Diagram #	Product Info
1	<u>ARMATURE 12V - 92-100-013</u>
2	<u>BEARING - BALL - 140-010</u>
3	<u>RETAINING RING - 788-015</u>
4	<u>CENTER HOUSING ASSY - 92-200-101</u>
5	<u>BRUSH END HSING / TRANSDUCER ASSY - 9421-166</u>
6	<u>PLAIN END HOUSING ASSY - 92-400-101</u>
7	<u>BEARING - FLANGE - 144-049</u>
8	<u>SEAL - 880-003</u>
9	<u>SEAL WITH SHIELD - 880-006</u>
10	<u>BRUSH ASSY 3.625" - 188-036</u>
11	<u>PAPER TUBE - BRUSH RETENTION - 725-050</u>
12	<u>BRUSH PLATE WITH HOLDER - 738-036</u>
13	<u>SPRING - TORSION - 975-040</u>
14	<u>GASKET - 337-036</u>
15	<u>O-RING - 701-008</u>
16	<u>O-RING - 701-081</u>
17	<u>SCREW - 830-007</u>
18	<u>THRU BOLT 10-32 X 8.83 - 830-042</u>
19	<u>WASHER - STEEL THRUST - 990-067</u>
20	<u>WASHER - NYLATRON - 990-070</u>
21	<u>MTR ASY 12V 3.6 VS w/PROP KIT - 2887090</u>
25	<u>TUBE (COMPOSITE) 54" 2001 PD/AP - 2032076</u>
26	<u>Minn Kota Weedless Wedge Propeller 2091150 / MKP-7 / 1378122 / 1865006</u>
27	<u>WASHER-5/16 STD (S/S) 2151726</u>
28	<u>PROP NUT - 2053101</u>
29	<u>PIN-DRIVE (95-4HP'S) (SS) - 2092600</u>
30	<u>COLLAR-LATCH - 2301555</u>
31	<u>SCREW 2303434</u>
32	<u>NUT-NYLOCK 8-32 - 2303112</u>
33	<u>EXTRUSION - BASE MACHINED - 2301932</u>

34	<u>MOTOR REST - 2303932</u>
35	<u>MOTOR REST - 2303937</u>
36	<u>SCREW-1/4-20 X 5/8-SELFTAP - 2303430</u>
37	<u>DRIVE HOUSING - 2771836</u>
39	<u>SHAFT-OUTPUT, DR.HOUSING - 2302010</u>
40	<u>BUSHING-INNER, UPPER/LOWER - 2307304</u>
41	<u>BUSHING-OUTER, UPPER/LOWER - 2307305</u>
42	<u>ORING SHAFT SEAL - 2304603</u>
43	<u>DRIVE HOUSING MOTOR ASSY KIT - 2777050</u>
44	<u>LATCH COLLAR/HANDLE KIT - 2881555</u>
45	<u>SPRING-LATCH, TORSION - 2302750</u>
46	<u>PIN-ROLL, 3/16" x 2" ZINC PLATE - 2302625</u>
47	<u>Minn Kota Trolling Motor Part Not Available</u>
48	<u>PAD-PIVOT SUPT ZINC - 2305110</u>
49	<u>PIVOT PAD - 2305103</u>
50	<u>PIN-LATCH (PD BASE) - 2300500</u>
51	<u>PIN-PIVOT (PD BASE) - 2300510</u>
52	<u>NUT-SPEED - 2013100</u>
53	<u>ROD-RELEASE S/S - 2303612</u>
54	<u>SPRING-RELEASE LEVER s/s - 2302700</u>
55	<u>LEVER-RELEASE - 2303710</u>
56	<u>RELEASE-KNOB - 2300101</u>
57	<u>SPACER-RELEASE LEVER - 2301700</u>
58	<u>SCREW-1/4-20 X 5/8-SELFTAP - 2303430</u>
59	<u>COLLAR DRIVE (W/INSERT) - 2031522</u>
60	<u>SCREW-COLLAR/NEW KNOB - 2011365</u>
61	<u>CTRL BRD ASSY 12V PD/AP - 2304043</u>
62	<u>SHRINK TUBE-3/8 OD X 2" - 2355410</u>
64	<u>SCREW-8-32 X 3/8 THD CUT - 2332100</u>
65	<u>LEADWIRE KIT 1.10 AWG.SERVICE - 2770610</u>
66	<u>Minn Kota Trolling Motor Part Not Available</u>
67	<u>STRAIN RELIEF, BRKT PD/AP - 2222906</u>

68	<u>SCREW-1/4-20 X 5/8-SELFTAP - 2303430</u>
69	<u>HOUSING-CENTER, PD/AP - 2306555</u>
70	<u>BATTERY METER, 12V, FW - 2074070</u>
71	<u>DECAL-BATT GAUGE (GENERIC) - 2306616</u>
72	<u>STRAIN RELIEF-DR. HOUSING - 2302935</u>
73	<u>SIDEPLATE - 2303941</u>
74	<u>SIDEPLATE - 2303946</u>
75	<u>SCREW-1/4-20 X 5/8-SELFTAP - 2303430</u>
76	<u>CONTROL BOX A/P-BLACK W/DECAL - 2772515</u>
77	<u>COIL CORD W/STRN RLF,AP48/54" - 2991285</u>
78	<u>WIRE INSULATOR-LGE 1-3/4 - 2065400</u>
79	<u>TIE WRAP-4" BLACK - 9950433</u>
80	<u>INSERT - PLUG - 2224700</u>
82	<u>SCREW-10-24 X 1-3/4 (SS) - 2332102</u>
83	<u>NUT-HEX 10-24 UNC-2B NYLOCK SS - 2333101</u>
84	<u>CONTROL BOARD/SHRINK TUBE ASS - 2884024</u>
85	<u>GROMMET-COMPASS (865MX) - 2302960</u>
86	<u>COVER-CONTROL BOX FW PD MK V2 - 2300237</u>
87	<u>ACTUATOR-SWITCH - 2304082</u>
88	<u>SPRING-ACTUATOR - 2302752</u>
89	<u>DECAL-COVER GENERIC AUTOPILOT - 2305650</u>
90	<u>SCREW-8-18 X 5/8 THD* (SS - 2372100</u>
91	<u>FOOT PEDAL BASE - 2304511</u>
92	<u>WEAR PLATE-765T FOOT PDL - 2308500</u>
93	<u>FOOT PEDAL-UPPER (765T) - 2304516</u>
94	<u>FOOT PEDAL-LOWER (765T) - 2304520</u>
95	<u>LEVER MOM/CON- - 2307210</u>
96	<u>SPRING-LONG-UPPER PEDAL - 2302730</u>
97	<u>SPRING-SHORT-UPPER PEDAL - 2302731</u>
98	<u>SPRING-LOWER PEDAL S/S - 2302732</u>
99	<u>CONTROL BOARD ASSY-FT PDL-SERV - 2774012</u>
100	<u>KNOB-SPEED SELECTOR - 2300120</u>

101	<u>HOUSING SPEED SELECTOR - 2300121</u>
102	<u>ACTUATOR-BOARD (765T) - 2302840</u>
103	<u>ACTUATOR-MOM/CON (765T) - 2302841</u>
105	<u>ACTUATOR-STEERING (765T) - 2302842</u>
106	<u>SCREW-6-20 X 1/2 THD CUTS - 2302100</u>
107	<u>SCREW-8-18 X 5/8 THD* (SS - 2372100</u>
108	<u>DECAL-ON/OFF SWITCH - 2266610</u>
109	<u>BUMPER ACTUATOR- - 2335130</u>
110	<u>BAG ASSY-(RUBBER BUMPERS) - 2994807</u>
112	<u>Minn Kota Trolling Motor Part Not Available</u>
113	<u>WASHER-5/16 STD (S/S) 2151726</u>
114	<u>Minn Kota Trolling Motor Part Not Available</u>
115	<u>WASHER-MOUNTING*RUBBER - 2301720</u>
116	<u>WASHER-MOUNTING*RUBBER - 2301720</u>