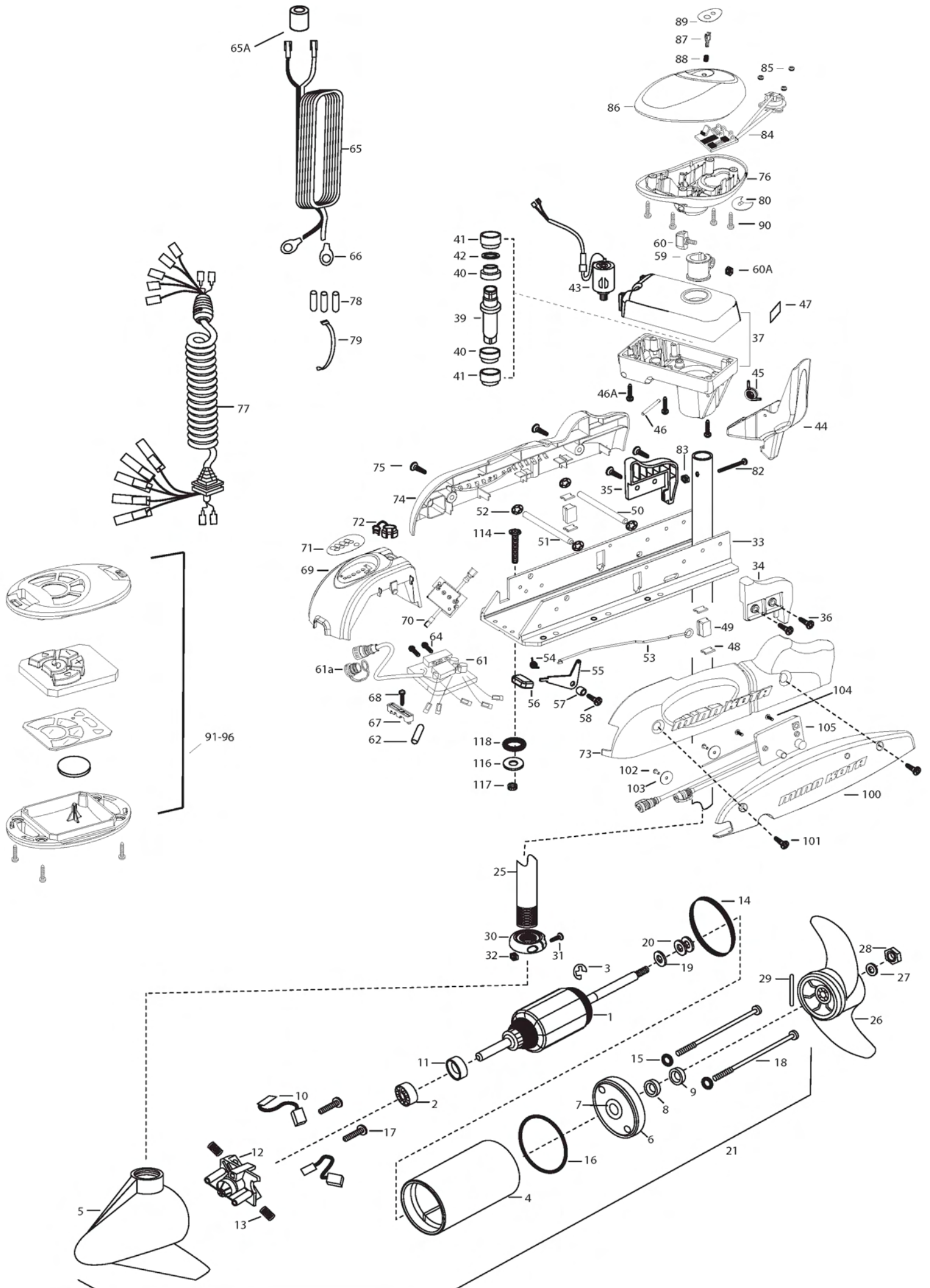**RT55/SP/AP**
55 LBS THRUST
12 VOLT 50 AMPS
48" SHAFT

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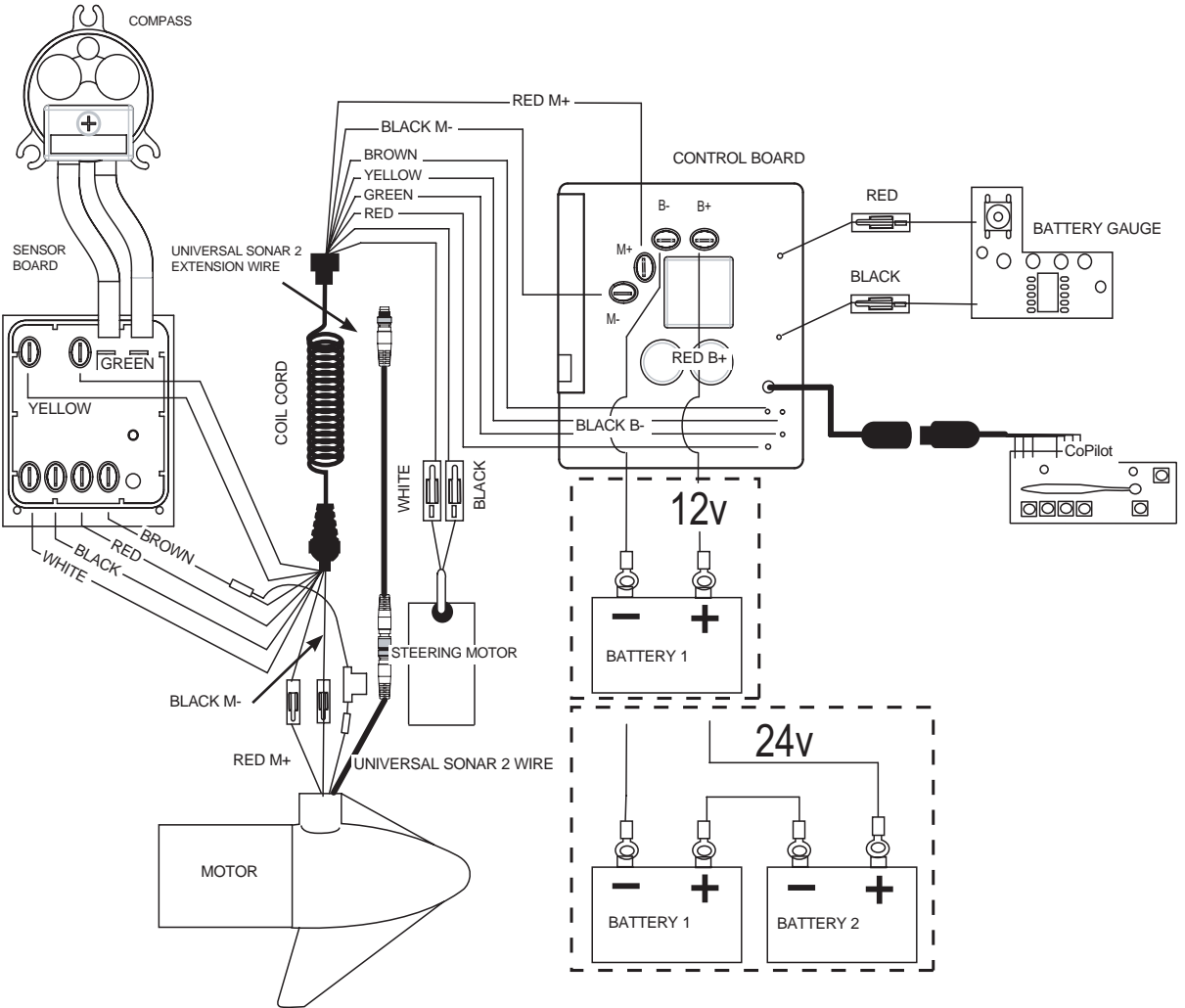
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minn kota

No.	P/N	Description
1	2-100-121	ARMATURE ASSEMBLY 12V VARS TXT
2	140-010	BALL BEARING
3	788-015	RETAINING RING
4	2-200-301	HOUSING ASSEMBLY CENTER 3.62 TXT
5	421-336	HOUSING -BRUSH END 3.62 TXT
6	2-400-337	PLAIN END HOUSING ASSEMBLY 3.625
7	144-049	BEARING - FLANGE (SERVICE ONLY)
8	880-003	SEAL
9	880-006	SEAL WITH SHIELD
10	188-036	BRUSH ASSEMBLY [2.EA]
11	725-050	BRUSH RETENTION- PAPER TUBE
12	738-036	BRUSH PLATE W/HOLDER
13	975-040	SPRING - TORSION [2.EA]
14	337-036	GASKET
15	701-008	O-RING, THRU-BOLT [2.EA]
16	701-081	O-RING
17	830-007	SCREW-8-32 [2.EA]
18	830-042	THRU-BOLT 10-32X8.83 [2.EA]
19	990-067	WASHER- STEEL THRUST
20	990-070	WASHER - NYLATRON [2.EA]
21	2097095	MOTOR ASSEMBLY 12V 3.62 48"
	2097100	MOTOR ASSEMBLY 12V 3.62 60"
25	2002000	TUBE- COMPOSITE WHT 48"
	2002001	TUBE- COMPOSITE WHT 54"
	2002002	TUBE- COMPOSITE WHT 60"
■	1378131	PROPELLER KIT
26	2091160	PROPELLER W/WEDGE 2
27	2151726	WASHER-5/16 SS
28	2198400	ANODE- ZINC 3.25/3.625 LWR U
29	2092600	PIN-DRIVE
30	2301545	COLLAR- LATCH PD/AP
31	2303434	SCREW- 8-32X5/8 MACH PHCR
32	2303112	NUT 8-32 NYLOC SS
33	2301937	EXTRUSION- BASE MACHINED
34	2303932	MOTOR REST- RIGHT 3-5/8
35	2303937	MOTOR REST- LEFT 3-5/8
36	2332104	SCREW 1/4-20X5/8 SS SELF TAP [4.EA]
37	2771827	DRIVE HOUSING / LATCH HANDLE WHITE
■	2882011	BUSHING/ OUTSHAFT KIT (INCLUDES 39-42)
*39	2302010	DRIVE HOUSING OUTPUT SHAFT
*40	2307304	BUSHING- INNER [2.EA]
*41	2307305	BUSHING- OUTER [2.EA]
*42	2304603	O-RING
43	2307050	MOTOR- DRIVE HOUSING HIGH SPD
44	2307201	LATCH HANDLE PD/AP
45	2302750	SPRING- LATCH TORSION PD/AP
46	2302628	PIN- ROLL 3/16X2 SS
46A	2303405	SCREW - DRIVE HOUSING [6 EA]
47	2305564	DECAL-STOW/DEPLOY
48	2305110	PAD-PIVOT SUPT [4.EA]
49	2305103	PIVOT PAD- NEW MTR'L [2.EA]
50	2330510	PIN-LATCH PD BASE SS
51	2330520	PIN-PIVOT PD BASE SS
52	2333100	NUT-SPEED [4.EA]
53	2303612	ROD-RELEASE RT/AP S
54	2322700	SPRING-RELEASE LEVER
55	2333705	LEVER-RELEASE SS
56	2300101	RELEASE-KNOB
57	2301700	SPACER-RELEASE LEVER
58	2332104	SCREW-1/4-20 X 5/8 SS
59	2031522	COLLAR- DRIVE (W/INSERT)
60	2011366	SCREW-COLLAR/NEW KNOB SS
60A	2323104	NUT
61	2304066	CONTROL BOARD ASSEMBLY- 12V
61a	2320208	DUST PLUG
62	2355403	SHRINK TUBE-3/8 ODX2
64	2303434	SCREW-8-32 X 5/8 [3.EA]
65	2090651	LEADWIRE IOGA 44"
65A	2307310	BEAD - FERRITE (CE MODELS ONLY)
66	2020700	TERMINAL RING [2.EA]
67	2321310	STRAIN RELIEF- BRACKET PD/AP
68	2323405	SCREW-1/4-20 X 5/8 SS
69	2306556	HOUSING- CENTER PD/AP WHIT
70	2074080	BATTERY GAUGE - 12 VOLT
71	2316606	DECAL- BATT GAUGE H RT AP
72	2302935	STRAIN RELIEF-DR. HOUSING
73	2303944	SIDEPLATE (RIGHT) WHITE
74	2303949	SIDEPLATE(LEFT) WHITE
75	2332104	SCREW-1/4-20 X 5/8 SS
76	2302516	CONTROL BOX WHT
77	2991285	COIL CORD WSTRAIN RELIEF 48, 54"
78	2065400	WIRE INSULATOR-LGE 1-3/4 [3.EA]
79	2256300	TIE WRAP-5" BLACK
80	2224703	INSERT- PLUG WHITE
82	2332102	SCREW-10-24 X 1-3/4
83	2333101	NUT-HEX 10-24 NYLOC
84	2994014	CNTRL BOARD/AP COMPASS ASSEMBLY
	2994015	COMPASS BOARD, SOUT HEMISPHERE
85	2302960	GROMMET-COMPASS [3.EA]
86	2300243	CONTROL BOX COVER- RIPTIDE WHITE
87	2304082	ACTUATOR- SWITCH ON/OFF A/P
88	2303752	SPRING- ACTUATOR PD/AP SS
89	2305655	DECAL- COVER 55 pd/ap
90	2372100	SCREW-8-18 X 5/8 THD CUT [4.EA]
■	2994020	COPILOT TRANSMITTER
91		CASE, COVER, TRANSMITTER
92		KEYPAD
93		CIRCUIT BOARD, TRANSMITTER
94		BATTERY, COIN
95		CASE, BOTTOM, TRANSMITTER
96		SCREW, TRANSMITTER [4EA]
■	2994089	RECEIVER ASSEMBLY V2, COPILOT
100	2372511	CASE, RECEIVER WHT
101	2373442	SCREW 1/4-20 X 1.75 SS [2EA]
102	2373450	SCREW #8 X 3/8 [2EA]
103	2371727	WASHER [2EA]
104	2373418	SCREW #8 X 5/8 SS
105	2374089	CIRCUIT BOARD V2, RECEIVER
■	2994864	BAG ASSEMBLY- (BOLT,NUT,WASHERS)
*114	2263462	BOLT-MOUNTING-1/4X2 W/STG [6.EA]
*116	2261713	WASHER-1/4 [6.EA]
*117	2263103	NUT NYLOK 1/4-20 MTG [6.EA]
*118	2301720	WASHER-MOUNTING RUBBER [6.EA]
■	2888460	SEAL & ORING KIT

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

12-24 VOLT MODELS

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

Riptide 55 is 12-volt only!

COMPASS

RED M+

BLACK M-

BROWN

YELLOW

GREEN

RED

CONTROL BOARD

SENSOR BOARD

UNIVERSAL SONAR 2 EXTENSION WIRE

B-   B+

M+

M-

RED

BATTERY GAUGE

BLACK

GREEN

YELLOW

COIL CORD

RED B+

WHITE

BLACK

RED B+

BLACK B-

CoPilot

BLACK

RED

WHITE

BROWN

STEERING MOTOR

12v

BLACK M-

RED M+

UNIVERSAL SONAR 2 WIRE

− +

BATTERY 1

24v

MOTOR

− +   − +

BATTERY 1   BATTERY 2

NOTE:
1. BATTERY 2 AND CONNECTING WIRE USED FOR 24V APPLICATIONS ONLY
2. UNIVERSAL SONAR 2 WIRES APPLICABLE TO US2 MOTORS ONLY