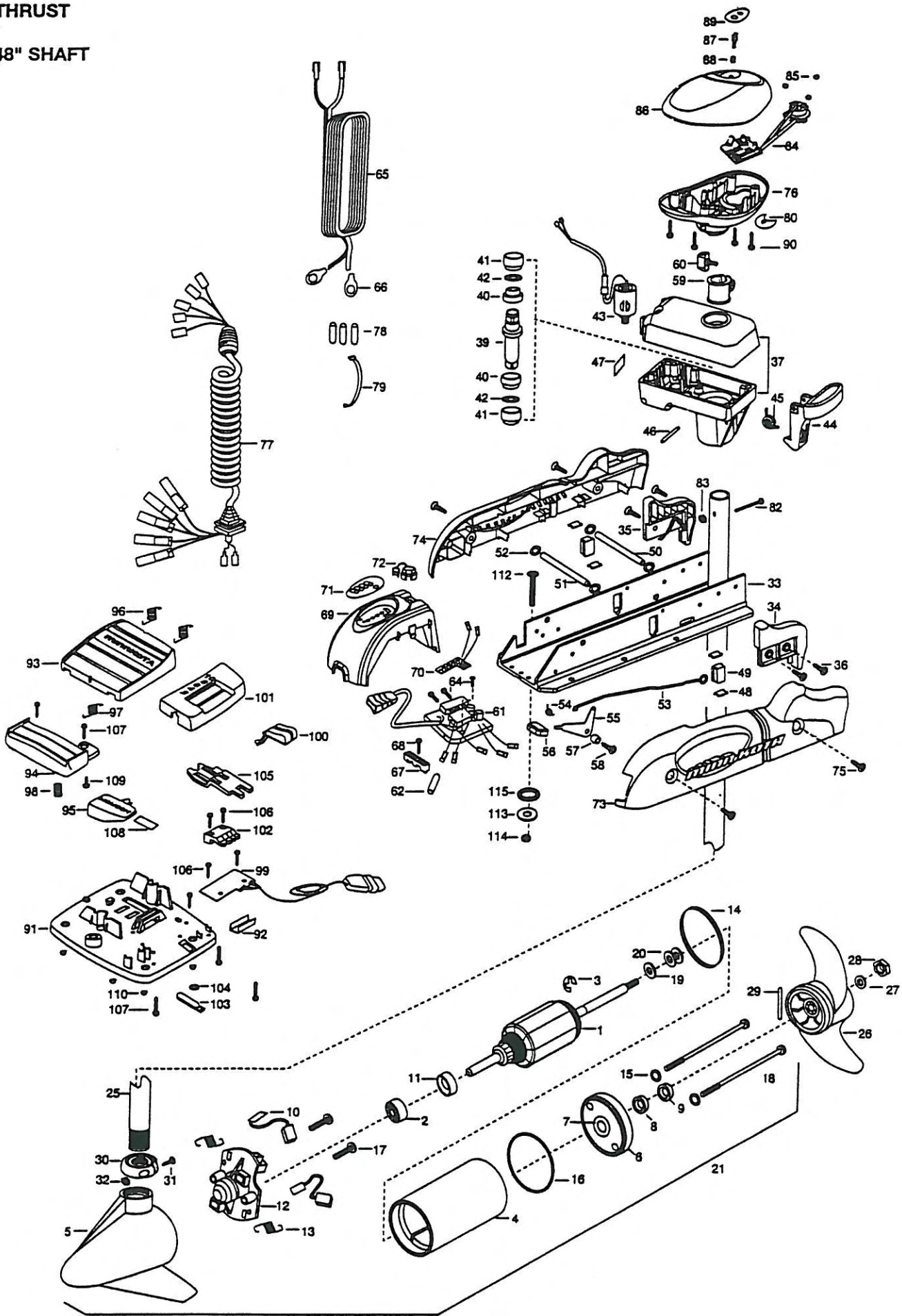


55PD/AP
55 LBS THRUST
12 VOLT
54" OR 48" SHAFT



1	2-100-013	ARMATURE ASSEMBLY	*40	2307304	BUSHING- INNER [2 EA]	79	9950433	TIE WRAP-4" BLACK
2	140-010	BALL BEARING	*41	2307305	BUSHING- OUTER [2 EA]	80	2224700	INSERT- PLUG
3	788-015	RETAINING RING	*42	2304603	O-RING [2 EA]	82	2033400	SCREW-10-24 X 1-3/4
4	431-101	HOUSING ASSEMBLY CENTER 3.62 TXT	43	2307045	MOTOR- DRIVE HOUSING HIGH SPD	83	2013110	NUT-HEX 10-24 NYLOC
5	421-065	HOUSING BRUSH END 3.62 TXT	44	2307205	LATCH HANDLE PD/AP	84	2994003	CNTRL BRD/CMPSS ASSMBLY-AUTOPILOT
6	2-400-101	PLAIN END HOUSING ASSEMBLY 3.625	45	2302750	SPRING- LATCH TORSION PD/AP	85	2302960	GROMMET-COMPASS [3 EA]
7	144-049	DEAGING - FLANGE (SERVICE ONLY)	46	2302607	PIN- DRIV-LOK GROOVE ZINC TYPE	86	2300240	CONTROL BOX COVER- AUTOPILOT
8	880-003	SEAL	47	2305514	DECAL-STOW/DEFLOY	87	2304082	ACTUATOR- SWITCH ON/OFF A/P
9	880-006	SEAL WITH SHIELD	48	2305110	PAD-PIVOT SUPT [4 EA]	88	2302752	SPRING- ACTUATOR PD/AP SS
10	188-036	BRUSH ASSEMBLY [2 EA]	49	2305101	PIVOT PAD [2 EA]	89	2305661	DECAL- COVER ON/OFF 55PD/AP
11	725-050	BRUSH RETENTION- PAPER TUBE	50	2300500	PIN-LATCH	90	2012100	SCREW-8-18 X 5/8 [4 EA]
12	738-036	BRUSH PLATE W/HOLDER	51	2300510	PIN-PIVOT	■	2774700	FOOT PEDAL ASSEMBLY
13	975-040	SPRING - TORSION [2 EA]	52	2013100	NUT-SPEED [4 EA]	91	2304511	FOOT PEDAL BASE
14	337-036	GASKET	53	2303612	ROD-RELEASE RT/AP SS	92	2308500	WEAR PLATE FOOT PDL
15	701-008	O-RING, THRU-BOLT [2 EA]	54	2302700	SPRING-RELEASE LEVER	93	2304516	FOOT PEDAL-UPPER
16	701-081	O-RING	55	2303710	LEVER-RELEASE	94	2304520	FOOT PEDAL-LOWER
17	830-007	SCREW-8-32 [2 EA]	56	2300101	RELEASE-KNOB	95	2307210	LEVER MOM/CON-
18	830-042	THRU-BOLT 10-32X8.83 [2 EA]	57	2301700	SPACER-RELEASE LEVER	96	2302730	SPRING-LONG-UPPER PEDAL [2 EA]
19	990-067	WASHER- STEEL THRUST	58	2303430	SCREW-1/4-20 X 5/8	97	2302731	SPRING-SHORT-UPPER PEDAL
20	990-070	WASHER - NYLATRON [2 EA]	59	2031522	COLLAR- DRIVE (W/INSERT)	98	2302732	SPRING-LOWER PEDAL
21	2099090	MOTOR ASSEMBLY 12V F/W	60	2011365	SCREW-COLLAR/NEW KNOB	99	2304012	CONTROL BOARD ASSEMBLY-FT PDL
25	2032076	TUBE-CARBON COMPOSITE 54"	61	2304041	CONTROL BOARD ASSEMBLY- 12V PD/AP	100	2300120	KNOB-SPEED SELECTOR
	2032075	TUBE-CARBON COMPOSITE 48"	62	2305400	SHRINK TUBE-1/2 ODX2	101	2300121	HOUSING SPEED SELECTOR
■	1378122	PROPELLER KIT	64	2332100	SCREW-8-32 X 3/8 [3 EA]	102	2302840	ACTUATOR-BOARD
26	2091150	PROPELLER W/WEDGE	65	2090601	LEADWIRE IOGA 44"	103	2302841	ACTUATOR-MOM/CON
27	2151726	WASHER-5/16 SS	66	2020700	TERMINAL RING [2 EA]	104	2301731	WASHER OD .314 ID .158X.10
28	2053101	NUT-PROP NYLOC	67	2222906	STRAIN RELIEF- BRACKET PD/AP	105	2302842	ACTUATOR-STEERING
29	2092600	PIN-DRIVE	68	2303430	SCREW-1/4-20 X 5/8	106	2302100	SCREW-6-20 X 1/2 [5 EA]
30	2301545	COLLAR- LATCH PD/AP	69	2306555	HOUSING- CENTER PD/AP	107	2372100	SCREW-8-18 X 5/8 [5 EA]
31	2303434	SCREW- 8-32X5/8 MACH PHCR	70	2034025	BATTERY GAUGE - 12 VOLT	108	2266610	DECAL-ON/OFF SWITCH
32	2303112	NUT 8-32 NYLOC SS	71	2306609	DECAL, BATTERY GAUGE	109	2335130	BUMPER ACTUATOR
33	2301932	EXTRUSION- BASE MACHINED	72	2302935	STRAIN RELIEF-DR. HOUSING	110	2994807	BAG ASSEMBLY- 4 RUBBER BUMPERS
34	2303932	MOTOR REST- RIGHT LARGE	73	2303940	SIDEPLATE (RIGHT)	■	2994803	BAG ASSEMBLY- (BOLT,NUT,WASHERS)
35	2303937	MOTOR REST- LEFT LARGE	74	2303945	SIDEPLATE(LEFT)	*112	2153501	BOLT-MOUNTING-3500 W/STG [4 EA]
36	2303430	SCREW 1/4-20X5/8 SELF TAP [4 EA]	75	2303430	SCREW-1/4-20 X 5/8- [4 EA]	*113	2151726	WASHER-5/16 [4 EA]
37	2301845	DRIVE HOUSING PD/AP 2001	76	2302515	CONTROL BOX PD/AP	*114	2153100	NUT-5/16-18 MOUNTING [4 EA]
■	2882011	BUSHING/ OUTSHAFT KIT (INCLUDES 39-42)	77	2991256	COIL CORD WSTRAIN RELIEF 54"	*115	2301720	WASHER-MOUNTING RUBBER [6 EA]
				2991255	COIL CORD WSTRAIN RELIEF 48"			
*39	2302010	DRIVE HOUSING OUTPUT SHAFT	78	2065400	WIRE INSULATOR-LGE 1-3/4 [3 EA]			

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

AutoPilot Series Wiring Diagrams

40AP & 55AP 12-Volt Models

