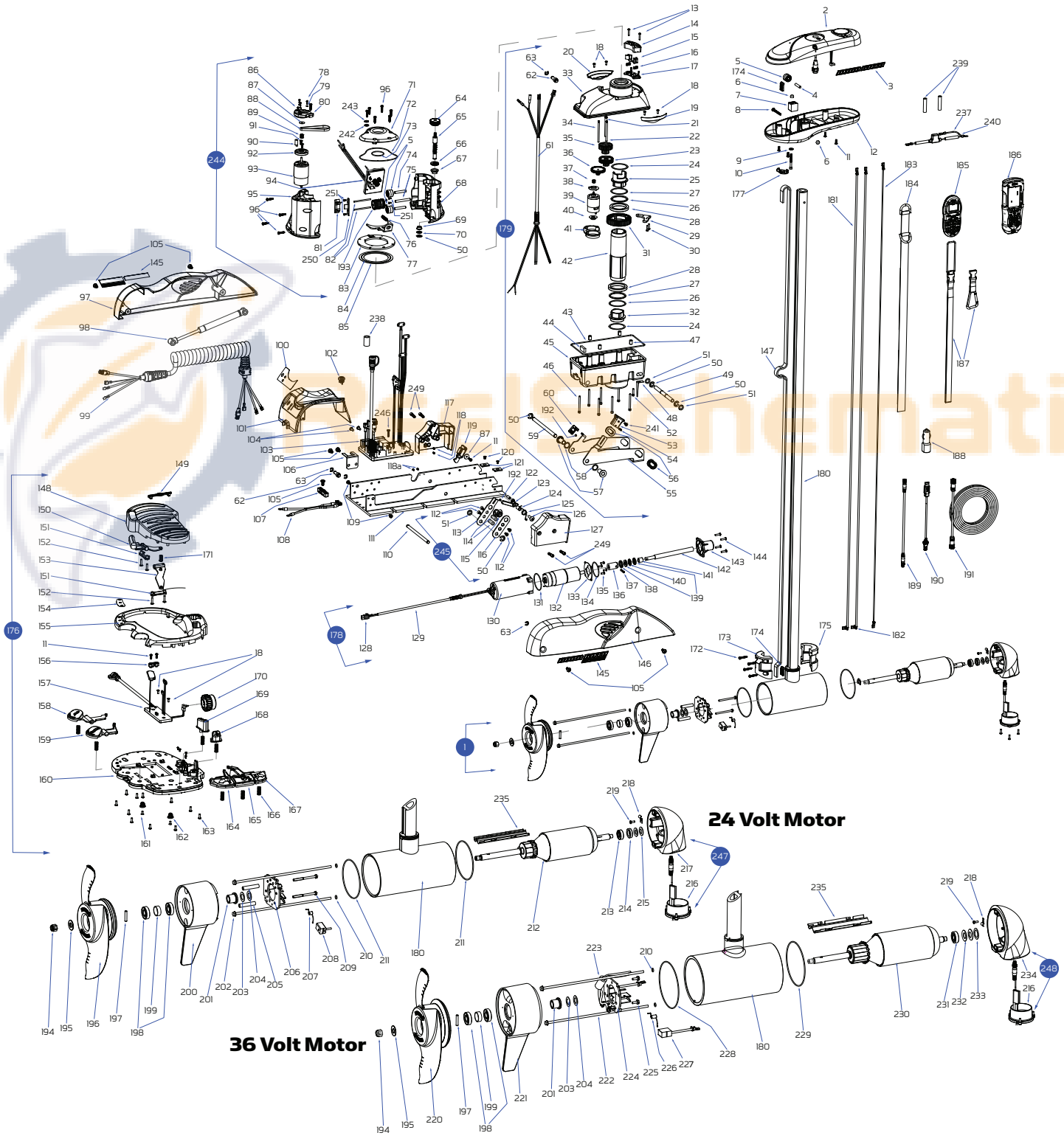
PARTS DIAGRAM

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

ULTERRA

80/112 LBS THRUST - 24/36 VOLT - 56/52AMPS - 45”/60”/72” SHAFT



PARTS LIST

ULTERRA

80/112 LBS THRUST - 24/36 VOLT - 45”/60”/72” SHAFT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2777016	24 V MOTOR 45" FW
1	1	2777015	24V MOTOR 60" FW
1	1	2777086	36V MOTOR 45" FW
1	1	2777085	36V MOTOR 60" FW
1	1	2777087	36V MOTOR 72" FW
2	1	2990206	HEAD ASSY, FW, IPILOT 1.5
2	1	2990208	HEAD ASSY, FW, IPILOT LINK
3	2	2205511	DECAL, CONTROL BOX SIDE
4	1	2202635	PIN-DOWEL, 1/4" OD SS
5	3	*	PULLEY, BELT, TOP
6	2	2333101	NUT-HEX #10-24
7	1	2202800	BLOCK, BELT
8	1	2383407	SCREW-#10-24 X 2" PPH ZINC
9	1	2201721	WASHER, #10 SAE, SS
10	1	2203411	SCREW-#10-24, SHCS, SS
11	6	2372100	SCREW, #8-18 X 5/8 THD
12	1	2202506	CONTROL BOX BOTTOM
13	2	2203406	SCREW, #6-32 X 0.75 PPH, SS
14	1	*	BLOCK-BRUSH, SLIPRING
15	2	*	BRUSH SHUNT ASSY
16	4	*	SPRING COMPRESSION, BRUSH
17	1	*	INSULATOR, BLOCK-BRUSH
18	6	2332103	SCREW-#6-20 X 3/8 THD, SS
19	1	2205905	RIGHT STEERING ADAPTER
20	1	2205900	LEFT STEERING ADAPTER
21	1	2302615	SHAFT-GEAR, INTERMED. CLUSTER
22	1	2302620	SHAFT-GEAR, THIRD CLUSTER
23	1	2302250	GEAR & PINION, DR. HSG, STAGE 3
24	2	2321704	WASHER-THRUST, STEERING
25	1	2201510	COLLAR-DRIVE, OUTPUT TUBE
26	2	2324608	O-RING, 224, PD PRO STEERING HOUSING
27	2	2321720	SHIM, O-RING
28	2	2327308	BEARING-BALL, SEALED, 6809-2RS
29	1	2201920	BRACKET-SENSOR, STEERING HSG
30	2	2303412	SCREW-#6-20 X 5/8 SELF TAP
31	1	2772200	GEAR-OUTPUT
32	1	2321510	COLLAR-DRIVE, BOTTOM
33	1	*	BLACK STEERING HSG COVER
34	1	*	SHAFT-GEAR, FIRST CLUSTER
35	1	2302255	GEAR & PINION, STAGE 4
36	1	2302245	GEAR & PINION, STAGE 2
37	1	2302240	GEAR & PINION, STAGE 1
38	1	2300265	CAP-MOTOR, PLASTIC
39	1	*	MOTOR-STEERING PD/AP 36V
39	1	*	MOTOR-STEERING PD/AP 24V
40	1	2300260	CAP-SPACER, PLASTIC
41	1	2328610	CRADLE- MOTOR
42	1	2322030	TUBE-OUTPUT, MACHINED
43	1	2324604	O-RING, CASE SEAL
44	1	2308601	BREATHER FILTER, DR. HSG
45	1	*	STEERING HSG, BTTM, BLK
46	7	2323408	SCREW-#8-32 X 2.0 SHCS SS
47	4	*	PIN-ROLL 5/16" X 1/2"
48	2	2322702	SPRING, LATCH PIN SS
49	1	2202626	PIN-LATCH
50	5	*	E-RING 3/8 DIA. SHAFT
51	3	2321702	WASHER-FLAT .375 NYLON
52	1	2323410	SCREW-#8-32 X .75 SHCS SS

ITEM	QTY	PART NUMBER	DESCRIPTION
53	1	2770100	KNOB, TILT RELEASE
54	1	*	SCREW-#6-32 X .625" SET SS
55	1	2201911	BRACKET, TILT, ZP
56	2	2207305	BUSHING, LATCH PIN
57	2	2207310	BUSHING, STRG HSG PIVOT
58	2	2201730	WASHER-FLAT, .56 ID NYLON
59	1	2202601	PIN-PIVOT, DRIVE HOUSING, SS
60	1	2778601	HOLDER-MAGNET
61	1	*	LEADWIRE, STEERING MTR, 8 COND.
62	2	2202902	STANDOFF, OIL DAMPENER
63	2	2263006	E-CLIP, 5/16
64	1	*	PULLEY, TRIM JACKSHAFT
65	1	*	WORM SHAFT ASSY W/ PULLEY
66	1	*	BEARING-THRUST, NEEDLE
67	1	*	BUSHING, TRIM, TOP
68	1	*	HOUSING-TRIM, GEAR SIDE
69	1	*	BUSHING, TRIM, BOTTOM
70	1	*	WASHER-THRUST, 3/8"
71	1	2206410	COVER, TRIM HOUSING
72	1	2204601	O-RING, TRIM HOUSING
73	1	2204600	O-RING, TRIM HSG COVER
74	2	*	PIN, BELT PULLEY
75	1	*	PIN, 2"X1/4"
76	1	*	SPRING, 5/16" OD, SS
77	1	*	HANDLE, TRIM HSG RELS, ZP
78	3	2053422	SCREW-M3-.5 X 10 PPH, ZP
79	3	2051710	LOCKWASHER-SPLIT, 3MM, ZP
80	1	*	PLATE, MOTOR
81	1	*	BLOCK, TUBE DRIVE
82	2	*	PIN-DOWEL, 1/8"
83	1	*	CARRIER, SLIPRING CONTACTS
84	1	*	CONTACT, SLIPRING SMALL
85	1	*	CONTACT, SLIPRING LARGE
86	1	2053420	SCREW-SET-#8-32 X 1/4" SS
87	1	*	WASHER-#6, .625 OD
88	1	2200810	BELT-TRIM
89	1	*	PULLEY, LIFT MOTOR, MACHINED
90	1	2058411	TENSIONER-BELT
91	2	*	SCREW-M4 X 10 PFH, ZP
92	1	*	PLATE-ADAPTER, LIFT MOTOR
93	1	*	MOTOR, TRIM
94	1	*	BOARD ASSY, WIRELESS TRIM
94	1	*	BOARD ASSY, WIRELESS TRIM (EUROPE)
95	1	*	HOUSING-TRIM, MOTOR SIDE
96	11	3393481	SCREW, #10X.75 HI-LO, SS, PPH
97	1	2203905	SIDEPLATE, LEFT
98	1	2208800	DAMPER, HYBRID, 80#
98	1	2208802	DAMPER, HYBRID, 112#
99	1	2991272	COIL CORD ASSY 54/60" U. SONAR
99	1	2991276	COIL CORD 72"
100	1	2205600	DECAL, B. METER/CON/PWR FW, BLK
101	1	2206510	HOUSING-CONTROL, BLACK
102	1	2202910	STRAIN RLF, HEYCO SR 6N3-4
103	1	2774080	MAIN CONTROL BOARD, 24V, 60", N AMERICA
103		2774081	MAIN CONTROL BOARD, 24V, 45", N AMERICA
103		2774082	MAIN CONTROL BOARD, 36V, 60", N AMERICA
103		2774083	MAIN CONTROL BOARD, 36V, 45", N AMERICA
103		2774091	MAIN CONTROL BOARD, 36V, 72", N AMERICA

*Item is part of an assembly and is listed for reference only. Item cannot be ordered seperately. Refer to “Service Kits” section for kit part number.
†This is a service kit and includes multiple parts. Refer to “Service Kits” section for complete part listing.

©2015 Johnson Outdoors Marine Electronics, Inc.

ULTERRA

80/112 LBS THRUST - 24/36 VOLT - 45”/60”/72” SHAFT

ITEM	QTY	PART NUMBER	DESCRIPTION
103		2774084	MAIN CONTROL BOARD, 24V, 60", EUROPE
103		2774085	MAIN CONTROL BOARD, 24V, 45", EUROPE
103		2774086	MAIN CONTROL BOARD, 36V, 60", EUROPE
103		2774087	MAIN CONTROL BOARD, 36V, 45", EUROPE
104	2	2323406	SCREW-#10-24 X .50 CRPH SS
105	7	2323404	SCREW-1/4-20 X 1/2" T-L ZP
106	1	2200821	CLIP-CORD, ZP
107	1	2321310	STRAIN RELIEF
108	1	2090651	LEADWIRE, 10 GA
109	2	2383447	SCREW-#10-32 X 3/8" PPH SS
110	1	2202606	PIN, ACTUATOR, ZP
111	1	2201901	BASE, MACHINED, FW
112†	4	2203410	SCREW #10-32 X .5"
113†	1	2204201	ARM-LIFT, INNER, ZP
114†	2	2202901	STANDOFF, LIFT ARM
115†	1	2203100	NUT, TILT MOTOR
116†	1	2204206	ARM-LIFT, OUTER, ZP
117	1	2203916	RAMP-MOTOR, LEFT 80#
117	1	2203915	RAMP-MOTOR, LEFT 112#
118	10	2373440	SCREW-#4-24 X 1/4 PHCR SS TY B
118a	2	2053411	SCREW-#4-40 X 1/4 PPH ZP
119	1	2773700	PLUNGER, RAMP
120	2	2203420	SCREW #10-24 X 5/16 PFH
121	2	2205105	PAD, STOP
122	1	2262632	PIN-SPRING 1/4" X 5/8" SS
123	1	2777900	CAM, PIN SENSOR
124	1	2201702	SPACER, PIN SENSOR
125	1	2042711	SPRING-TORSION, SS
126	1	9280710	HDW SCR 1/4 - 20 X 7/8 TRUSS PHIL
127	1	2203911	RAMP-MOTOR, RIGHT, 80#
127		2203910	RAMP-MOTOR, RIGHT, 112#
128	1	*	HOUSING, CONNECTOR WPJ
129	1	*	LEADWIRE, TILT MOTOR
130	1	*	COVER, TILT ACTUATOR
131	1	*	O-RING, TILT, LARGE
132	1	*	MOTOR, STOW/DEPLOY
133	1	*	MOUNTING PLATE, TILT MOTOR
134	1	*	O-RING, TILT, SMALL
135	4	*	SCREW-M4 X 8, SS
136	1	*	COUPLER, STW/DPLY ACTUATOR
137	1	*	SPRING PIN, 5MM X 20MM
138	1	*	SEAL, TILT MOTOR
139	2	*	WASHER-THRUST, TILT MOTOR
140	1	*	BEARING-THRUST, TILT MOTOR
141	1	*	SPACER, SHAFT
142	1	*	SHAFT, STOW/DEPLOY, SS
143	1	*	COVER-NOSE, TILT ACTUATOR
144	4	*	SCREW-#8-18 X 5/8" PPH
145	2	2205510	DECAL, SIDEPLATE, FW
146	1	2203900	SIDEPLATE, RIGHT
147	1	2770816	BELT-LIFT 45”
147		2770818	BELT-LIFT 60”
147		2770819	BELT-LIFT 72”
148	1	2324400	PEDAL, HEEL/TOE FOOT PEDAL
149	1	2326710	PLUG, FOOT PEDAL
150	1	2323710	BUTTON, MOM LEFT, FT PEDAL
151	2	2321300	CLAMP-LEFT, FT PEDAL
152	4	2223430	SCREW-#8 X 3/4 PPH
153	1	2328600	FLEX FINGER, FOOT PEDAL
154	1	2205605	DECAL, 3 INDICATORS
155	1	*	COVER, HEEL TOE FOOT PEDAL
156	1	2322900	STRAIN RELIEF, FOOT PEDAL
157	1	*	PCB ASSY, FOOT PEDAL
158	1	*	BUTTON, AP, FT PEDAL

ITEM	QTY	PART NUMBER	DESCRIPTION
159	1	*	BUTTON, MOM/CON, FT PEDAL
160	1	*	BASE PLATE
161	2	2323420	SCREW, #8-18 3/8 PFH SS
162	2	2322706	SPRING-BARREL SS
163	11	2301310	SCREW, #8-18 X 1/2" SS
164	1	*	BUTTON, LFT STR W/ TRIM UP ARROW
165	1	*	BUTTON, MOMENTARY/STOW-DEPLOY
166	7	*	SPRING, LARGE SHORT SS
167	1	*	BUTTON, RGT STR W/ TRIM UP ARROW
168	1	*	BUTTON, SPOT LOCK
169	1	*	BUTTON, MODE
170	1	*	KNOB-SPEED, FOOT PEDAL
171	1	2322714	SPRING, MOM ASSIST SS
172	4	3393480	SCREW-#10 X 1.0" PPH HI-LO SS
173	1	2201505	COLLAR, BELT CLAMP
174	2	2200800	BELT-RACK, LOWER
175	1	2201500	COLLAR, CLAMP
176	1	2994740	FOOT PEDAL ASSY
177	1	2224700	PLUG INSERT (IPILOT)
177		2224704	PLUG INSERT (IPILOT LINK)
178†	1	2997813	TILT MOTOR ASSY
179†	1	2776501	STEERING HOUSING ASSY 24 V
179†	1	2776503	STEERING HOUSING ASSY 36 V
180	1	2777098	CTR HSG ASSY, CB, 80#, FW, W/TUBE, 45"
180	1	2777099	CTR HSG ASSY, CB, 80#, FW, W/TUBE, 60"
180	1	2777248	CTR HSG ASSY, CB, 112#, FW, W/TUBE, 45"
180	1	2777249	CTR HSG ASSY, CB, 112#, FW, W/TUBE, 60"
180	1	2777250	CTR HSG ASSY, CB, 112#, FW, W/TUBE, 72"
181	1	640-118	MOTOR WIRE, RED, 80#, 45"
181	1	640-132	MOTOR WIRE, RED, 112#, 45"
181	1	640-126	MOTOR WIRE, RED, 80#, 60"
181	1	640-135	MOTOR WIRE, RED, 112#, 60"
181	1	640-149	MOTOR WIRE, RED, 112#, 72"
182	1	640-027	MOTOR WIRE, BLACK, 80#, 45"
182	1	640-017	MOTOR WIRE, BLACK, 112#, 45"
182	1	640-022	MOTOR WIRE, BLACK, 80#, 60"
182	1	640-045	MOTOR WIRE, BLACK, 112#, 60"
182	1	640-049	MOTOR WIRE, BLACK, 112#, 72"
183	1	640-315	BONDING WIRE, BROWN, US2.0, 45"
183	1	640-316	BONDING WIRE, BROWN, US2.0, 60"
183	1	640-317	BONDING WIRE, BROWN, US2.0, 72"
184	1	2203800	STRAP, EMERGENCY
185	1	2994171	REMOTE ASSY, IPILOT 1.5
186	1	2994180	REMOTE ASSY, IPILOT LINK *LINK ONLY*
187	1	2370817	LANYARD, REMOTE W/ CARABEENER
188	1	2375901	ADAPTER, USB DC POWER *LINK ONLY*
189	1	2211415	CABLE-EXTENSION, PD/AP 110"
190	1	2373241	CABLE, USB REMOTE CHARGER *LINK ONLY*
191	1	490389-1	CABLE, ETHERNET, 30' * LINK ONLY*
192	9	*	.187 X .125 MAGNET
193	1	*	GEAR/PULLEY-WORM CLUSTER ASSY
194	1	2093101	NUT-PROP, NYLOCK, SS
195	1	2091701	WASHER-PROP
196	1	2331160	PROP-WW2, 80#
197	1	2262658	PIN-DRIVE 1" X 3/16" SS
198	2	880-025	SEAL
199	1	725-095	PAPER TUBE, SEAL
200	1	92-300-170	BRUSH END HSG, 80#
201	1	144-017	BEARING, FLANGE
202	2	830-095	THRU BOLT 12-24
203	1	990-052	WASHER, NYLATRON
204	1	990-051	WASHER-STEEL THRUST
205	2	973-025	SPACER, BRUSHPLATE
206	1	9-738-015	BRUSH PLATE ASSY, 4"

*Item is part of an assembly and is listed for reference only. Item cannot be ordered seperately. Refer to “Service Kits” section for kit part number.
†This is a service kit and includes multiple parts. Refer to “Service Kits” section for complete part listing.

©2015 Johnson Outdoors Marine Electronics, Inc.

ULTERRA

80/112 LBS THRUST - 24/36 VOLT - 45”/60”/72” SHAFT

ITEM	QTY	PART NUMBER	DESCRIPTION
207	2	975-041	SPRING-TORSION
208	2	186-094	BRUSH 4"
209	2	830-027	SCREW-BRUSH PLATE 10-32
210	2	701-009	O-RING, THRU BOLTS
211	2	701-043	O-RING, END HOUSINGS
212	1	2-100-214	ARMATURE ASSY
213	1	140-010	BEARING - BALL
214	1	990-045	SPACER, THRUST
215	2	992-010	WASHER, SPRING BELLEVILLE
216	1	*	TRANSDUCER ASSY US 2.5
217	1	*	PLAIN END HOUSING, ASSY
218	1	230-038	CABLE CLAMP, STEEL
219	1	2302104	SCREW-#6 X 3/8
220	1	2341160	PROP-WW2, 112#
221	1	92-300-155	BRUSH END HSG, 112#
222	2	830-094	THRU BOLT 12-24
223	1	2307312	BEAD-FERRITE
224	1	9-738-011	BRUSH PLATE ASSY, 4.5"
225	2	2053410	SCREW-BRUSH PLATE, 10-32
226	2	975-045	SPRING-TORSION
227	2	188-095	BRUSH, 4.5" LU
228	1	701-107	O-RING, BRUSH END
229	1	701-098	O-RING, PLAIN END
230	1	2-100-245	ARMATURE ASSY
231	1	140-014	BEARING - BALL
232	2	992-011	WASHER, SPRING BELLEVILLE

ITEM	QTY	PART NUMBER	DESCRIPTION
233	1	990-011	WASHER, SHIM
234	1	*	PLAIN END HOUSING, ASSY
235	1	582-013	CLIP, RETAINING SHORT
236	1	582-016	CLIP-RETAINING, SONAR
237	1	2218200	FUSE HOLDER ASSY
238	1	2307313	FERRITE BEAD
239	2	2065400	WIRE INSULATOR-LGE 1-3/4,BLUE
240	2	2375400	SHRINK TUBE-1/4 OD X 1-3/4
241	1	2203407	SCREW, #6-32 X .5
242	6	3391732	SEALING WASHER
243	6	3394602	FLAT WASHER #8
244†	1	2997807	TRIM HOUSING ASSEMBLY - 45”
	1	2997803	TRIM HOUSING ASSEMBLY - 60”
	1	2997820	TRIM HOUSING ASSEMBLY - 72”
	1	2997827	TRIM HOUSING ASSEMBLY - 45” (EUROPE)
	1	2997823	TRIM HOUSING ASSEMBLY - 60” (EUROPE)
245†	1	2774201	TILT BRACKET ASSEMBLY
246	1	2373487	SCREW-#8-32 X 3/4
247†	1	9421-287	ASSEMBLY 80#, 45"
	1	9421-290	ASSEMBLY 80#, 60"
248†	1	9421-244	ASSEMBLY 112#, 45"
	1	9421-246	ASSEMBLY 112#, 60"
	1	9421-247	ASSEMBLY 112#, 72"
249	4	2263453	SCREW, 1/4-20x1" SHCS S/S
250	1	*	DRIVE BLOCK BRACKET
251	4	*	SCREW-#4-24 X 1/4" PHCR SS

*Item is part of an assembly and is listed for reference only. Item cannot be ordered seperately. Refer to “Service Kits” section for kit part number.
†This assembly includes multiple parts. Refer to “Service Kits” section for complete part listing.

ReelSchematic

SERVICE KITS & ASSEMBLIES

DESCRIPTION	KIT ITEM NO.	PART NO.	ITEM NUMBER INCLUDED / QUANTITY
TILT MOTOR ASSY	178	2997813	128 (1), 129 (1), 130 (1), 131 (1), 132 (1), 133 (1), 134 (1), 135 (1), 136 (1), 137 (1), 138 (1), 139 (1), 140 (1), 141 (1), 142 (1), 143 (1), 144 (1)
OUTPUT GEAR W/ MAGNETS		2772200	31 (1), 192 (4)
STEERING HOUSING ASSY, 24V	179	2776501	13 (2), 14 (1), 15 (1), 16 (2), 17 (1), 18 (4), 19 (1), 20 (1), 21 (1), 22 (1), 23 (1), 24 (2), 25 (1), 26 (2), 27 (2), 28 (2), 29 (1), 30 (2), 31 (1), 32 (1), 33 (1), 34 (1), 35 (1), 36 (1), 37 (1), 38 (1), 39 (1), 40 (1), 41 (1), 42 (1), 43 (1), 44 (1), 45 (1), 46 (7), 47 (4), 48 (1), 49 (1), 50 (3), 51 (2), 52 (1), 53 (1), 54 (1), 55 (1), 56 (2), 57 (2), 58 (2), 59 (1), 61 (1), 62 (1), 63 (1), 192 (1), 241 (1)
STEERING HOUSING ASSY, 36V	179	2776503	13 (2), 14 (1), 15 (1), 16 (2), 17 (1), 18 (4), 19 (1), 20 (1), 21 (1), 22 (1), 23 (1), 24 (2), 25 (1), 26 (2), 27 (2), 28 (2), 29 (1), 30 (2), 31 (1), 32 (1), 33 (1), 34 (1), 35 (1), 36 (1), 37 (1), 38 (1), 39 (1), 40 (1), 41 (1), 42 (1), 43 (1), 44 (1), 45 (1), 46 (7), 47 (4), 48 (1), 49 (1), 50 (3), 51 (2), 52 (1), 53 (1), 54 (1), 55 (1), 56 (2), 57 (2), 58 (2), 59 (1), 61 (1), 62 (1), 63 (1), 192 (1), 241 (1)
CAM W/ MAGNET AND SPRING PIN		2777900	122 (1), 123 (1),
RELEASE KNOB W/ SCREW		2770100	53 (1), 54 (1), 241 (1)
SENSOR WIRE W/ BUTT CONNECTORS		2880350	
MOUNTING BAG		2994917	
TRIM HOUSING ASSEMBLY - 45”	244	2997807	5 (2), 50 (1), 64 (1), 65 (1), 66 (1), 67 (1), 68 (1), 69 (1), 70 (1), 71 (1), 72 (1), 73 (1), 74 (2), 75 (1), 76 (1), 77 (1), 78 (1), 79 (1), 80 (1), 81 (1), 82 (1), 83 (1), 84 (1), 85 (1), 86 (1), 87 (1), 88 (1), 89 (1), 90(1), 91 (1), 92 (1), 93 (1), 94 (1), 95 (1), 96 (10), 193 (1), 242 (1), 243 (1) , 250 (1), 251 (4)
TRIM HOUSING ASSEMBLY - 60”	244	2997803	5 (2), 50 (1), 64 (1), 65 (1), 66 (1), 67 (1), 68 (1), 69 (1), 70 (1), 71 (1), 72 (1), 73 (1), 74 (2), 75 (1), 76 (1), 77 (1), 78 (1), 79 (1), 80 (1), 81 (1), 82 (1), 83 (1), 84 (1), 85 (1), 86 (1), 87 (1), 88 (1), 89 (1), 90(1), 91 (1), 92 (1), 93 (1), 94 (1), 95 (1), 96 (10), 193 (1), 242 (1), 243 (1) , 250 (1), 251 (4)
TRIM HOUSING ASSEMBLY - 72”	244	2997820	5 (2), 50 (1), 64 (1), 65 (1), 66 (1), 67 (1), 68 (1), 69 (1), 70 (1), 71 (1), 72 (1), 73 (1), 74 (2), 75 (1), 76 (1), 77 (1), 78 (1), 79 (1), 80 (1), 81 (1), 82 (1), 83 (1), 84 (1), 85 (1), 86 (1), 87 (1), 88 (1), 89 (1), 90(1), 91 (1), 92 (1), 93 (1), 94 (1), 95 (1), 96 (10), 193 (1), 242 (1), 243 (1) , 250 (1), 251 (4)
TRIM HOUSING ASSEMBLY - 45” (EUROPE)	244	2997827	5 (2), 50 (1), 64 (1), 65 (1), 66 (1), 67 (1), 68 (1), 69 (1), 70 (1), 71 (1), 72 (1), 73 (1), 74 (2), 75 (1), 76 (1), 77 (1), 78 (1), 79 (1), 80 (1), 81 (1), 82 (1), 83 (1), 84 (1), 85 (1), 86 (1), 87 (1), 88 (1), 89 (1), 90(1), 91 (1), 92 (1), 93 (1), 94 (1), 95 (1), 96 (10), 193 (1), 242 (1), 243 (1) , 250 (1), 251 (4)
TRIM HOUSING ASSEMBLY - 60" (EUROPE)	244	2997823	5 (2), 50 (1), 64 (1), 65 (1), 66 (1), 67 (1), 68 (1), 69 (1), 70 (1), 71 (1), 72 (1), 73 (1), 74 (2), 75 (1), 76 (1), 77 (1), 78 (1), 79 (1), 80 (1), 81 (1), 82 (1), 83 (1), 84 (1), 85 (1), 86 (1), 87 (1), 88 (1), 89 (1), 90(1), 91 (1), 92 (1), 93 (1), 94 (1), 95 (1), 96 (10), 193 (1), 242 (1), 243 (1), 250 (1), 251 (4)
TILT BRACKET ASSY	245	2774201	50 (1), 51 (1), 112 (4), 113 (1), 114 (2), 115 (1), 116 (1)
ASSEMBLY 80#, 45"	247	9421-287	216 (1), 217 (1)
ASSEMBLY 80#, 60"	247	9421-290	216 (1), 217 (1)
ASSEMBLY 112#, 45"	248	9421-244	234 (1), 216 (1)
ASSEMBLY 112#, 60"	248	9421-246	234 (1), 216 (1)
ASSEMBLY 112#, 72"	248	9421-247	234 (1), 216 (1)

©2015 Johnson Outdoors Marine Electronics, Inc.

MOTOR WIRING DIAGRAM

NOTE: This is a universal, multi-voltage diagram. Double-check your motor's voltage for proper connections.
Over-Current Protection Devices not shown in this illustration.

Ulterra 80 is 24-volts only!
Ulterra 112 is 36-volts only!

