

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules. **Operation is subject to the following two conditions:**

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user's authority to operate this equipment.

NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. **If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA COMPLIANCE

This product meets the applicable Industry Canada technical specifications. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user's authority to operate this equipment.

ENVIRONMENTAL RATINGS

Ambient operating temperature range: -10C to 50C

Ambient operating humidity range: 5% to 95%

Maximum operating altitude: 10,000 feet

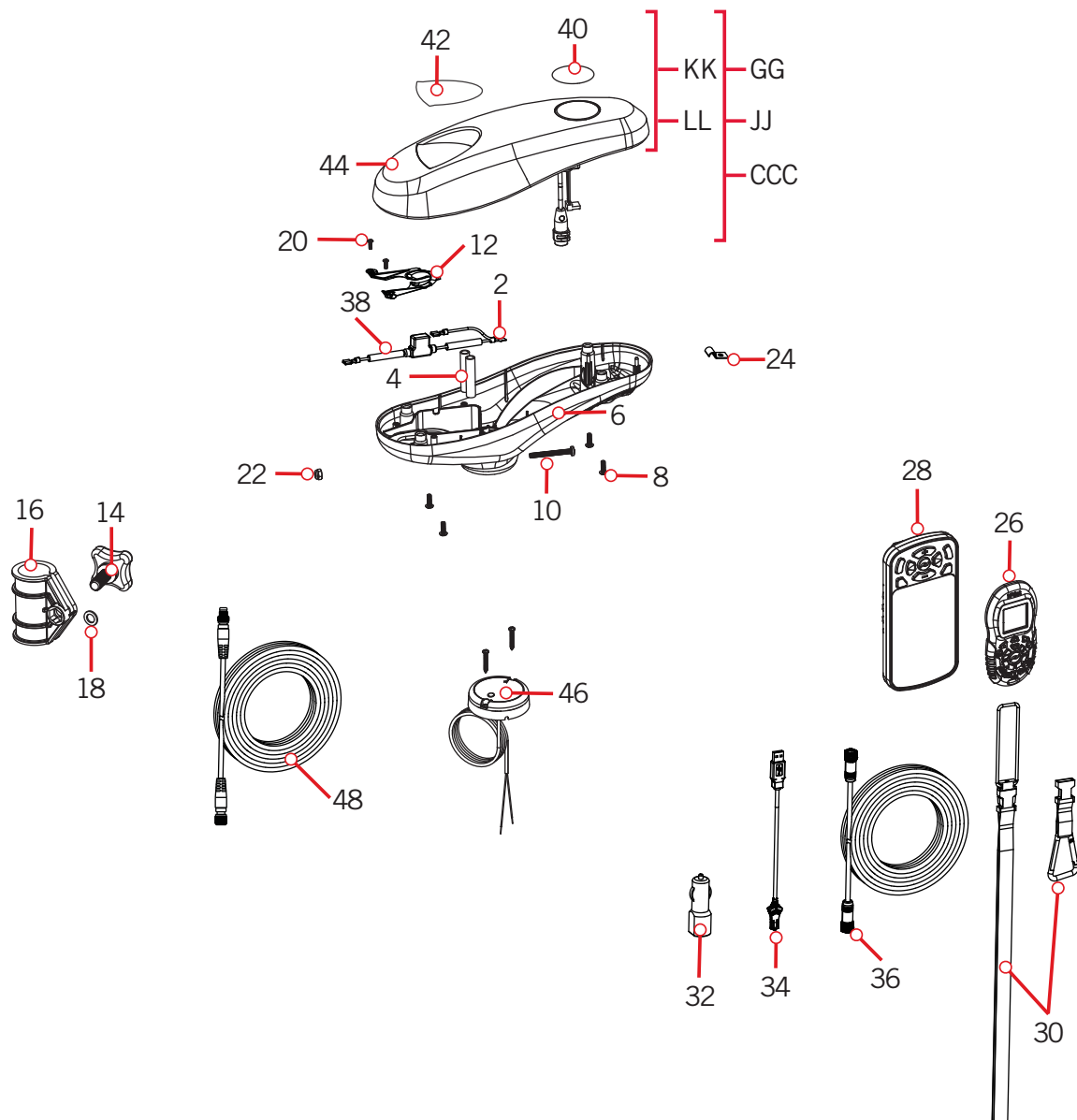
PARTS DIAGRAM & PARTS LIST

ULTREX - 80/112 LBS THRUST - 24/36 VOLT - 45"/52"/60" SHAFT

The parts diagram and parts list provides Minn Kota® WEEE compliance disassembly instructions. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased. Tools required, but not limited to: flat head screwdriver, Phillips screwdriver, socket set, pliers, wire cutters.

ULTREX CONTROL HEAD >

> Control Head Parts Diagram



PARTS DIAGRAM & PARTS LIST

Control Head Parts List

Assembly	Part #	Description	Notes	Quantity
GG	2774176	I-PILOT CONTROLLER 1.6 TRV, UTX	◆ *i-PILOT* *COMPLETE ASSEMBLY*	1
JJ	2774177	I-LINK CONTROLLER 3.0 TRV, ULTX	● *i-PILOT LINK* *COMPLETE ASSEMBLY*	1
CCC	2774184	IPLINK CONTROLLER 3.0 UTX/MSI	● * *i-PILOT LINK* *MSI*	1
KK	2770233	COVER KIT, IPLT 1.6 TRV, ULTREX	◆ *i-PILOT* *COVER & DECALS ONLY*	1
LL	2770234	COVER KIT, IPLT 3.0 TRV, ULTREX	◆ *i-PILOT LINK* *COVER & DECALS ONLY*	1
Item	Part #	Description	Notes	Quantity
▲	✖	SEAL, BUNG LOWER		1
▲	✖	SEAL, BUNG UPPER		1
2	2218201	FUSE HOLDER ASSEMBLY		1
4	2065400	WIRE INSULATOR-LGE 1-3/4, BLUE		2
6	2292500	CONTROL BOX, ULTREX, T2		1
8	2372100	SCREW-#8-18 X 5/8 THD* SS		22
10	2263406	SCREW-#10-24 x 1-7/8 PPH SS		1
12	2224706	INSERT-PLUG		1
14	2290900	KNOB SOFT GRIP 4LOBE		1
16	2291500	DEPTH COLLAR 1.3 X 3.0		1
18	2321702	WASHER-FLAT, .375 NYLON		1
20	2372103	SCREW #6 X 3/8 PLASTITE		2
22	2333101	NUT-HEX #10-24 UNC-2B NYL SS		1
24	2052510	CLAMP CABLE 3-16 IN		1
	2052511	CLAMP CABLE 1/4 IN	*MDI*	1
26	2994075	REMOTE ASSY, IPILOT 1.6	◆	1
28	2994076	REMOTE ASSY, IPILOT LINK	◆ *LINK ONLY*	1
30	2390800	LANYARD, w/ CARABEENER, IP REMOTE		1
32	2395900	ADAPTER, USB DC POWER	◆ *LINK ONLY*	1
34	2373241	CABLE, USB REMOTE CHARGER	◆ *LINK ONLY*	1
36	490389-1	CABLE, ETHERNET, 30'	◆ *LINK ONLY*	1
38	2375400	SHRINK TUBE-1/4 OD X 1-3/4		2
40	2395545	DECAL, DOMED iPILOT FW		1
	2395547	DECAL, DOMED iPILOT LINK FW		1
42	2295502	DECAL, PUSH BTN TOP, UTX 80# FW		1
	2295503	DECAL, PUSH BTN TOP, UTX 112# FW		1
44	✖	CVR, CTRL BX IP, UTX	*SEE KK OR LL*	1
46	2996400	HEADING SENSOR ASSEMBLY		1

▲ Not shown on Parts Diagram.

✖ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

* Only available with models factory installed with Built-in MEGA Side Imaging.

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
48	2211410	CABLE-EXT, US2 MAX 175"	✚ *US2*	1
	490507-2	CABLE, ADP-INT MDI 14 M12-174"	➔ *MDI*	1
	490516-3	CABLE, ADP-INT MSI 14 M12-156"	✱ *MSI*	1
▲	2297165	MANUAL DISCLAIMER DOWNLOAD INFO		1
▲	2297161	QUICK REF, INSTALL GUIDE ULTREX		1
▲	2297160	MANUAL, ULTREX		1
▲	2397100	MANUAL iPILOT 1.6	◆	1
▲	2397106	GUIDE, QUICK REF iPILOT 1.6	◆	1
▲	2397102	MANUAL iPILOT LINK 3.0	●	1
▲	2397107	GUIDE, QUICK REFERENCE LINK 3.0	●	1
▲	2394900	INSTRUCTIONS, HEADING SENSOR		1
▲	2205810	DECAL, MINNKOTA 12" PROMO		1

▲ Not shown on Parts Diagram.

✱ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

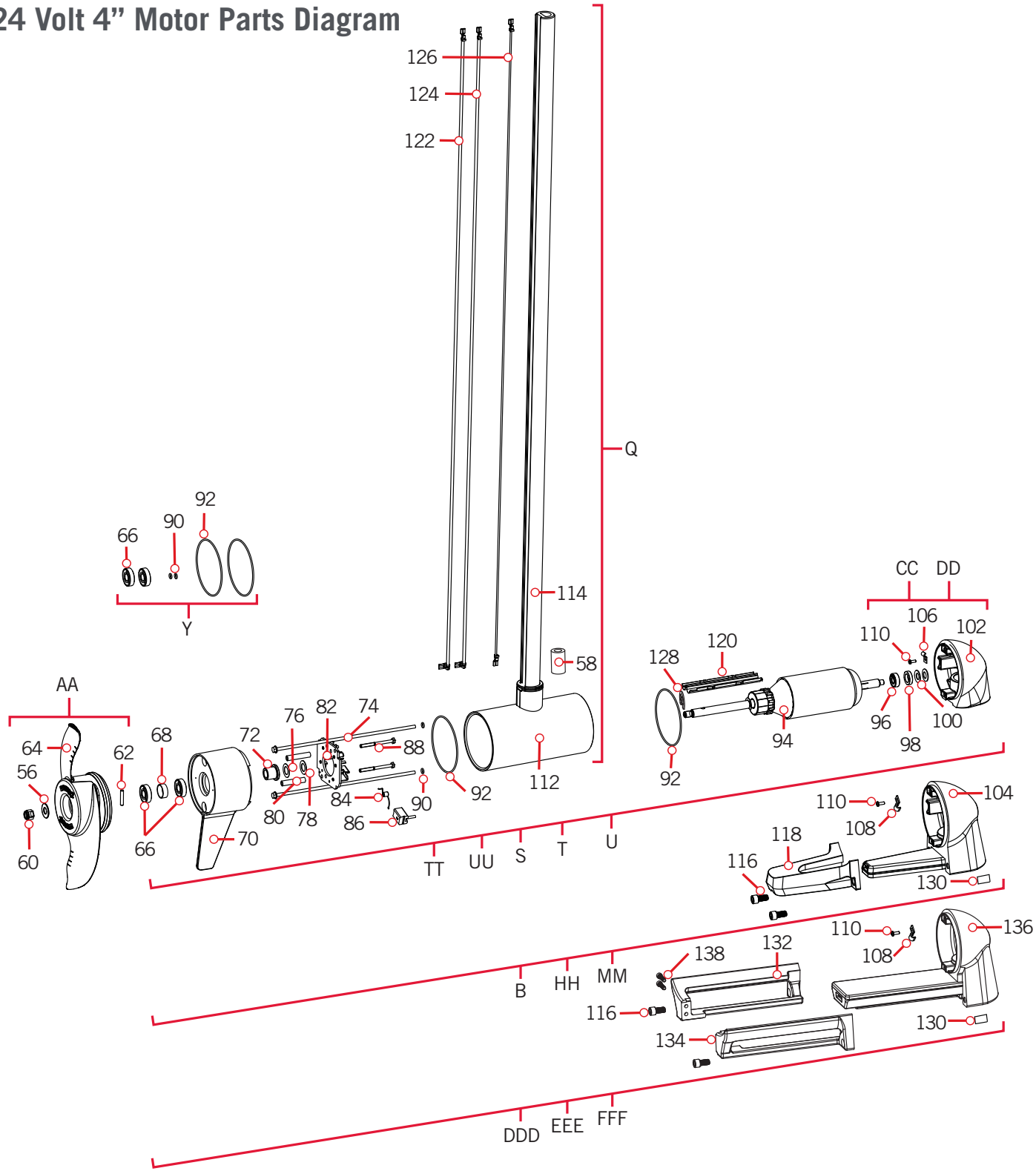
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➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✱ Only available with models factory installed with Built-in MEGA Side Imaging.

ULTREX 24 VOLT 4" MOTOR

24 Volt 4" Motor Parts Diagram



PARTS DIAGRAM & PARTS LIST

24 Volt 4" Motor Parts List

Assembly	Part #	Description	Notes	Quantity
Q	2777095	CTR HSG ASY, CB 80#, FW 60" TUBE	*CENTER SECTION & TUBE* *CUT TO LENGTH* *NOT FOR M SKU*	1
S	2777005	80#/45" 24V MOTOR US2	*MOTOR & TUBE*	1
T	2777003	80#/52" 24V MOTOR US2	*MOTOR & TUBE*	1
U	2777017	MTR/TUBE ASSY 80# 60" UTX/US2	*MOTOR & TUBE*	1
TT	2777011	MTR/TUBE ASM 80# 52" UTX/US2-M	*MOTOR & TUBE* *M SKU*	1
UU	2777010	MTR/TUBE ASM 80# 60" UTX/US2-M	*MOTOR & TUBE* *M SKU*	1
Y	2889460	80# THRUST SEAL KIT		1
AA	1378132	80# THRUST PROP KIT		1
CC	9421-287	PLN END HSG/TRANSDUCER ASY 4.0 45"	*80LB* *NOT FOR M SKU*	1
DD	9421-290	PLN END HSG/TRANSDUCER ASY 4.0 52"/60"	*80LB* *NOT FOR M SKU*	1
B	2777133	MTR/TUBE ASM 80# 60" UTX/MDI BT	➔ *60"* *MDI*	1
HH	2777131	MTR/TUBE ASM 80# 52" UTX/MDI BT	➔ *52"* *MDI*	1
MM	2777135	MTR/TUBE ASM 80# 45" UTX/MDI BT	➔ *45"* *MDI*	1
DDD	2777138	MRT/TUBE ASM 80# 45" UTX/MSI BT	* *45"* *MSI*	1
EEE	2777139	MRT/TUBE ASM 80# 52" UTX/MSI BT	* *52"* *MSI*	1
FFF	2777140	MRT/TUBE ASM 80# 60" UTX/MSI BT	* *60"* *MSI*	1
Item	Part #	Description	Notes	Quantity
56	2091701	WASHER-PROP (LARGE)		1
58	✖	BEAD-FERRITE		1
60	2093101	NUT-PROP,NYLOC,LG,MX101 3/8 SS		1
62	2262658	PIN-DRIVE 1" X 3/16" S/S		1
64	2331161	PROP-WW2 (4") w/ADP.RING (SUB)	*80LB*	1
66	880-025	SEAL	*80 LB*	2
68	725-095	PAPER TUBE, SEAL		1
70	92-300-170	BRUSH END HSG, 80#		1
72	144-017	BEARING, FLANGE		1
74	830-095	THRU BOLT 12-24		2
76	990-052	WASHER, NYLATRON		1
78	990-051	WASHER-STEEL THRUST		1
80	973-025	SPACER, BRUSHPLATE		2
82	9-738-015	BRUSH PLATE ASSY, 4"		1
84	975-041	SPRING-TORSION	*80LB*	2
86	186-094	BRUSH 4"		2
88	830-027	SCREW-BRUSH PLATE 10-32		2
	830-110	SCREW-5/16-18 X 5/8 SHCS SS		2

▲ Not shown on Parts Diagram.

✖ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

* Only available with models factory installed with Built-in MEGA Side Imaging.

PARTS DIAGRAM & PARTS LIST

Item	Part #	Description	Notes	Quantity
90	701-009	O-RING, THRU BOLTS		2
92	701-043	O-RING, END HOUSINGS		2
94	2-100-214	ARMATURE ASSY	*80LB* *24V*	1
96	140-010	BEARING - BALL		1
98	990-045	SPACER, THRUST	*80LB*	1
100	992-010	WASHER, SPRING BELLEVILLE		2
102	✖	PLN END HSG-PNTD-4" US2.5 CB	*SEE CC or DD*	1
104	✖	PLAIN END HOUSING PAINTED 4.0 MDI	➔ *SEE B, HH or MM*	1
106	230-038	CABLE CLAMP, STEEL	*US2*	1
108	230-039	CABLE CLAMP	➔ ✱ *MDI* *MSI*	1
110	2302104	SCREW-#6 X 3/8		1
112	✖	CTR HSG ASY 4.0" FW MGNTZ(SUB)	*SEE Q* *NA FOR MDI AND M SKU*	1
114	✖	TUBE-COMP, BLK, 45", w 1/4" WALL 80#	*SEE Q* *NA FOR MDI AND M SKU*	1
	✖	TUBE-CMP, BLK 60" 1/4" WALL 80#	*SEE Q* *NA FOR MDI AND M SKU*	1
	✖	TUBE-CMP, BLK 54" 1/4" WALL 80#	*M SKU* *NA FOR MDI AND M SKU*	1
	✖	TUBE-CMP, BLK 60" 1/4" WALL 80#	*M SKU* *NA FOR MDI AND M SKU*	1
	✖	TUBE-CMP, BLK, 60", 1/4, SI		1
	✖	TUBE-CMP, BLK, 52", 1/4, SI		1
	✖	TUBE-CMP, BLK, 45", 1/4, SI		1
116	830-110	SCREW 5-16 - 18 X 5/8 SHCS SS	➔ ✱	2
118	792-001	GUARD TRANSDUCER, PNT 4.0 DI	➔	1
120	582-013	CLIP, RETAINING SHORT		1
122	640-118	MOTOR WIRE, RED, 80#, 45"		1
	640-132	MOTOR WIRE, RED, 80#, 52"		1
	640-138	MOTOR WIRE, RED, 80#, 60"		1
124	640-016	MOTOR WIRE, BLACK, 80#, 45"		1
	640-017	MOTOR WIRE, BLACK, 80#, 52"		1
	640-021	MOTOR WIRE, BLACK, 80#, 60"		1
126	640-315	BONDING WIRE, BROWN, US2.0, 45"		1
	640-316	BONDING WIRE, BROWN, US2.0, 60" 52"		1
128	788-040	RETAINING RING		1
130	2006621	DECAL-LOWER-UNIT, MDI	➔ ✱ *MDI* *MSI*	1
132	792-015	GUARD, TRNDCR, PNT SI R	✱ *MSI*	1
134	792-016	GUARD, TRNDCR, PNT SI L	✱ *MSI*	1
136	✖	PLN END HSG/TRNDCR 4.0 MSI ASM	✱ *MSI* *SEE DDD, EEE or FFF*	1
138	2063410	SCREW-# 10-32 X 3/4" CAP SS	✱ *MSI*	2

▲ Not shown on Parts Diagram.

✖ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

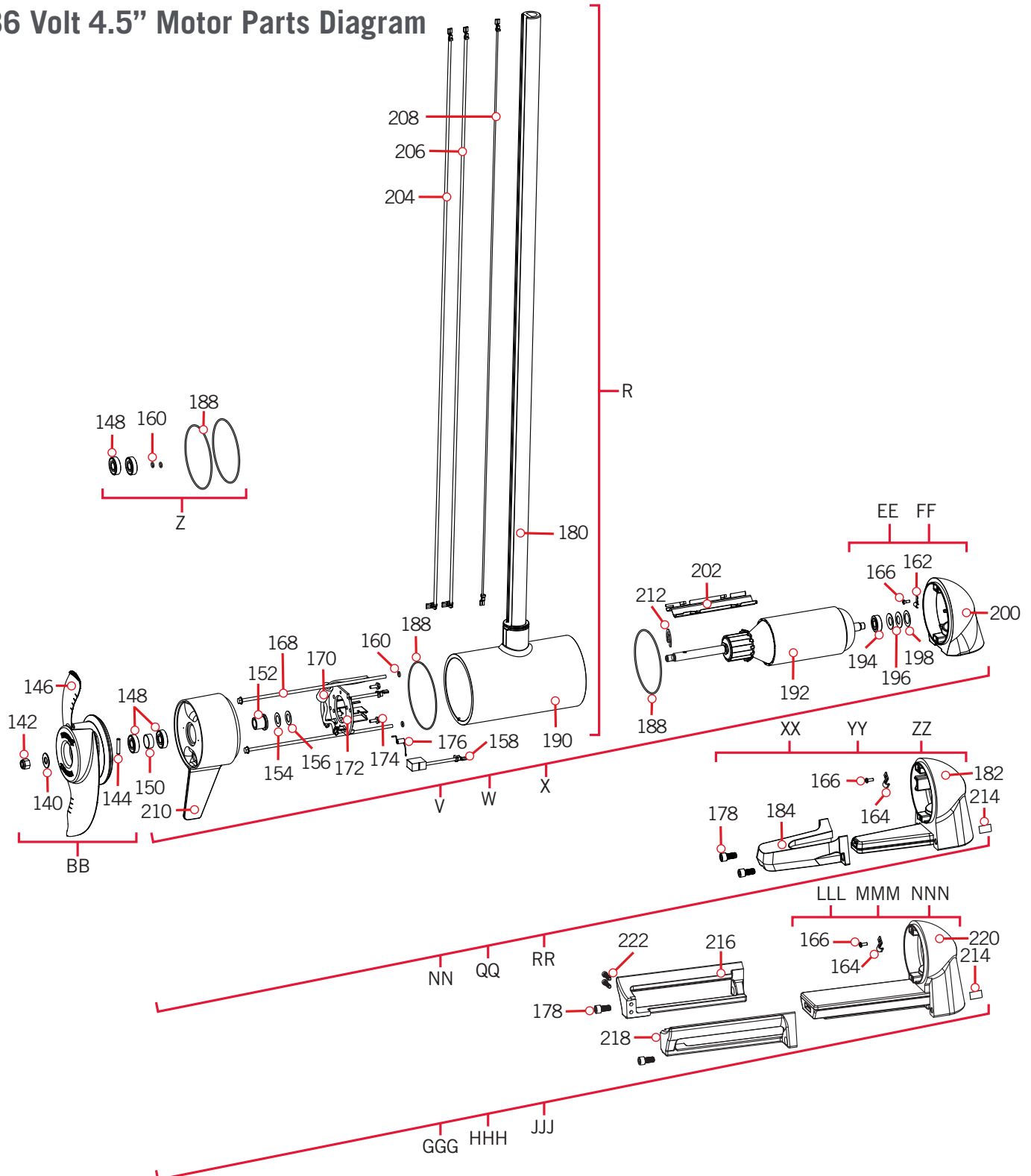
➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✱ Only available with models factory installed with Built-in MEGA Side Imaging.

PARTS DIAGRAM & PARTS LIST

ULTREX 36 VOLT 4.5" MOTOR

36 Volt 4.5" Motor Parts Diagram



PARTS DIAGRAM & PARTS LIST

36 Volt 4.5" Motor Parts List

Assembly	Part #	Description	Notes	Quantity
R	2777243	CTR HSG ASY, CB 112#, FW, 60" TUBE	*CENTER SECTION & TUBE* *CUT TO LENGTH*	1
Z	2881450	112# THRUST SEAL KIT		1
BB	1378160	112# THRUST PROP KIT		1
V	2777089	MTR/TUBE ASSY 112# 45" UTX/US2	*MOTOR & TUBE*	1
W	2777080	MTR/TUBE ASY 112# 52" TRRV/US2	*MOTOR & TUBE*	1
X	2777088	MTR/TUBE ASY 112# 60" UTX/US2	*MOTOR & TUBE*	1
NN	2777153	MTR/TUBE ASM 112# 60" UTX/MDI BT	➔ *MDI* *60"*	1
QQ	2777151	MTR/TUBE ASM 112# 52" UTX/MDI BT	➔ *MDI* *52"*	1
RR	2777150	MTR/TUBE ASM 112# 45" UTX/MDI BT	➔ *MDI* *45"*	1
GGG	2777065	MTR/TUBE ASM 112# 45" UTX/MSI BT	* *MSI* *45"*	1
HHH	2777066	MTR/TUBE ASM 112# 52" UTX/MSI BT	* *MSI* *52"*	1
JJJ	2777067	MTR/TUBE ASM 112# 60" UTX/MSI BT	* *MSI* *60"*	1
EE	9421-244	PLN END HSG/TRANSDUCER ASY 4.5 45"	*112LB* *US2*	1
FF	9421-246	PLN END HSG/TRANSDUCER ASY 4.5 52"/60"	*112LB* *US2*	1
XX	2773002	PLN END HSG/TRANSDUCER ASY 4.5 45"	➔ *112LB* *45"* *MDI*	1
YY	2773009	PLN END HSG/TRANSDUCER ASY 4.5 52"	➔ *112LB* *52"* *MDI*	1
ZZ	2773006	PLN END HSG/TRANSDUCER ASY 4.5 60"	➔ *112LB* *60"* *MDI*	1
LLL	2993012	PLN END HGS/TRNDRCR 4.5 ASM ASM	* *45"* *112LB* *MSI*	1
MMM	2993015	PLN END HGS/TRNDRCR 4.5 ASM ASM	* *52"* *112LB* *MSI*	1
NNN	2993016	PLN END HGS/TRNDRCR 4.5 ASM ASM	* *60"* *112LB* *MSI*	1
Item	Part #	Description	Notes	Quantity
140	2091701	WASHER-PROP (LARGE)		1
142	2093101	NUT-PROP,NYLOC,LG,MX101 3/8 SS		1
144	2262658	PIN-DRIVE 1" X 3/16" S/S		1
146	2341161	PROP-WW2(4.5)W/ADP.RING	*112LB*	1
148	880-025	SEAL	*112LB*	2
150	725-095	PAPER TUBE, SEAL		1
152	144-017	BEARING, FLANGE		1
154	990-052	WASHER, NYLATRON		1
156	990-051	WASHER-STEEL THRUST		1
158	188-095	BRUSH, 4.5"		2
160	701-009	O-RING, THRU BOLTS		2
162	230-038	CABLE CLAMP, STEEL	*US2*	1
164	230-039	CABLE CLAMP	➔ * *MDI* *MSI*	1
166	2302104	SCREW-#6 X 3/8		1

▲ Not shown on Parts Diagram.

✱ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

* Only available with models factory installed with Built-in MEGA Side Imaging.

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▲ Not shown on Parts Diagram. ✚ Only available with models factory installed with Universal Sonar.
✖ This part is included in an assembly and cannot be ordered individually. ➔ Only available with models factory installed with Built-in MEGA Down Imaging.
◆ Only available with models factory installed with i-Pilot. ✱ Only available with models factory installed with Built-in MEGA Side Imaging.
♦ Only available with models factory installed with i-Pilot Link.

This diagram illustrates the exploded view of a mechanical assembly, likely a pump or motor component. The parts are numbered as follows:

- 228: Top flange or cap.
- 230: Main housing or casing.
- 232: Small cylindrical components, possibly O-rings or seals.
- 234: Small screws or fasteners.
- 236: Gear or impeller component.
- 238: Base plate or mounting bracket.
- 240: Small cylindrical components, possibly O-rings or seals.
- 242: Small circular components, possibly O-rings or seals.
- 244: Flange or seal ring.
- 246: Gear or impeller component.
- 248: Motor or actuator unit.
- 250: Small cylindrical components, possibly O-rings or seals.
- 252: Long vertical shaft or rod.
- 254: Flange or seal ring.
- 256: Base housing or casing.
- 258: Small cylindrical components, possibly O-rings or seals.
- 260: Small cylindrical component, possibly an O-ring or seal.
- 262: Gear or impeller component.
- 264: Small rectangular component, possibly a switch or sensor.
- 266: Small rectangular component, possibly a switch or sensor.
- 268: Small cylindrical component, possibly an O-ring or seal.
- 272: Small cylindrical component, possibly an O-ring or seal.
- 274: Small rectangular component, possibly a switch or sensor.
- 276: Long vertical shaft or rod.
- 278: Small cylindrical component, possibly an O-ring or seal.
- 280: Small rectangular component, possibly a switch or sensor.
- 282: Small rectangular component, possibly a switch or sensor.
- 284: Small cylindrical component, possibly an O-ring or seal.
- 286: Small cylindrical component, possibly an O-ring or seal.
- 288: Small cylindrical component, possibly an O-ring or seal.

Labels C and J indicate specific sections or components of the assembly.

PARTS DIAGRAM & PARTS LIST

Steering Module Parts List

Assembly	Part #	Description	Notes	Quantity
C	2991925	BRACKET STABLZR ARM ASY		1
J	2991896	STEERING MODULE ASSEMBLY FW		1
Item	Part #	Description	Notes	Quantity
228	✖	SEAL	*SEE J*	1
230	✖	HOUSING, UPPER, PAINTED	*SEE J*	1
232	✖	BUSHING-1012-08	*SEE J*	2
234	✖	SCREW-M4 X 8MM, FHP, SS	*SEE J*	4
236	✖	GEAR-MOTOR	*SEE J*	1
238	✖	PLATE, MOTOR	*SEE J*	1
240	✖	BUSHING, DAMPENING	*SEE J*	4
242	✖	NUT-PUSH, 1/4" ZP	*SEE J*	4
244	✖	RETAINING RING, 1 3/4" SHAFT	*SEE J*	2
246	✖	GEAR-CLUSTER, 35-48T	*SEE J*	1
248	✖	MOTOR-DRIVE	*SEE J*	1
250	✖	PIN-SPRING, 1/4 X 3/4, ZP	*SEE J*	4
252	✖	TUBE-STEER, MACHINED	*SEE J*	1
254	✖	BEARING	*SEE J*	2
256	✖	HOUSING, LOWER, PAINTED	*SEE J*	1
258	✖	SCREW-5/16-18 X 1" SHCS ZP	*SEE J*	5
260	✖	BUSHING-1216-12	*SEE J*	1
262	✖	GEAR, CABLE	*SEE J*	1
264	✖	CABLE CLAMP, 3/16", NYLON	*SEE J*	2
266	✖	BEAD-FERRITE	*SEE J*	1
268	✖	WIRE HARNESS, MOTOR,SHORT	*SEE J*	1
270	✖	SCREW-#6-20 X 3/8 THD*(SS)	*SEE J*	2
272	✖	SEAL, QUAD RING, 3/4"	*SEE J*	1
274	2265100	BUMPER STABILIZER		1
276	2263624	STABILIZER ROD		1
278	2263107	NYLON HEX NUT 3/4 - 10 UNC		1
280	2281929	BRACKET		1
282	2260221	VINYL CAP		1
284	2223100	NUT 5/16-18 NYLOCS SS		2
286	2263422	BOLT 5/16-18 X 1" SS		2
288	2281700	5/16 "ID X .457 OD HIGH COLLAR LOCK WASHER		2

▲ Not shown on Parts Diagram.

✖ This part is included in an assembly and cannot be ordered individually.

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● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

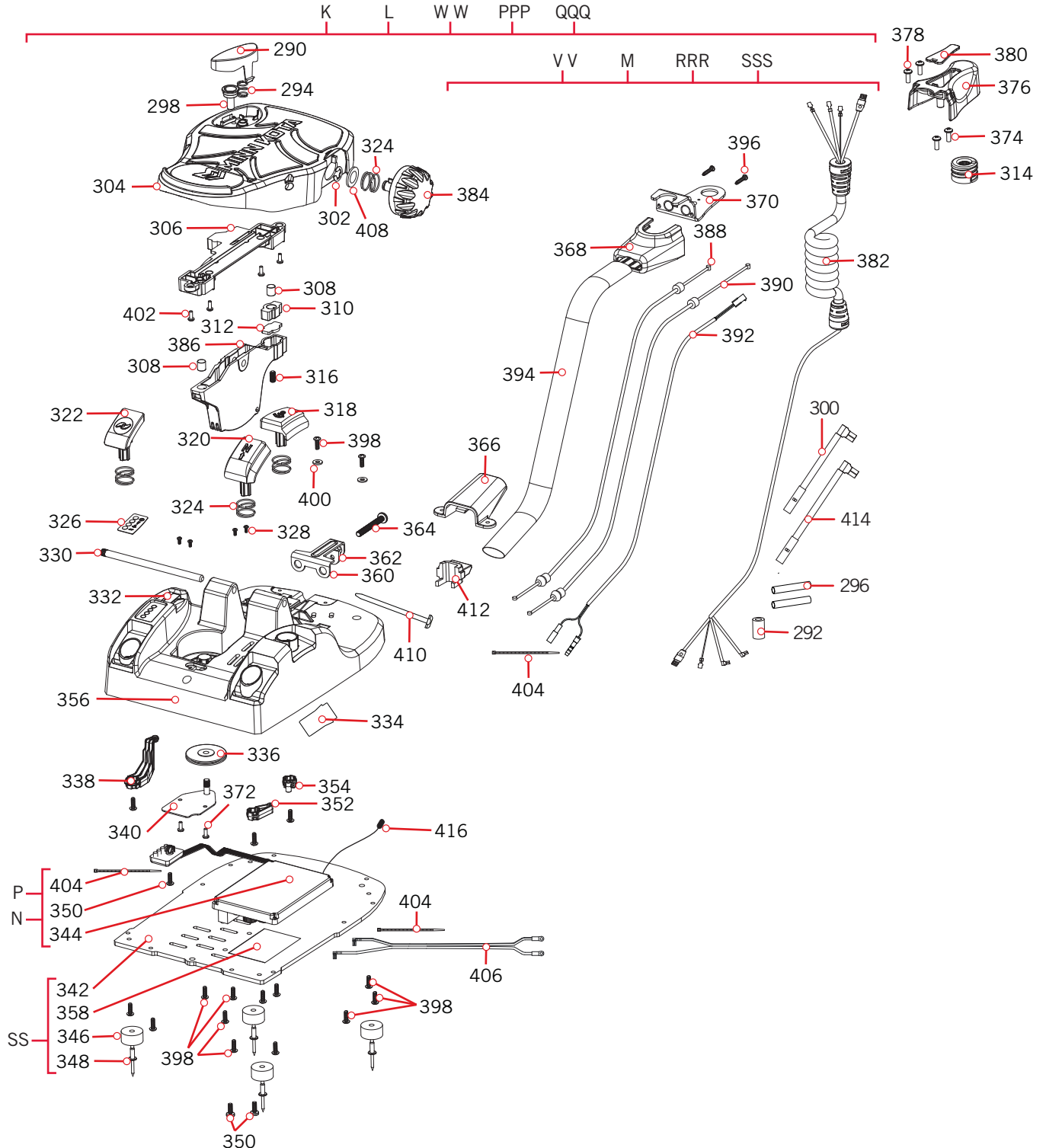
➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✳ Only available with models factory installed with Built-in MEGA Side Imaging.

PARTS DIAGRAM & PARTS LIST

ULTREX FOOT PEDAL

Foot Pedal Parts Diagram



PARTS DIAGRAM & PARTS LIST

Foot Pedal Parts List

Assembly	Part #	Description	Notes	Quantity
K	2992156	36V FOOT PEDAL ASSEMBLY		1
L	2992151	24V FOOT PEDAL ASSEMBLY		1
WW	2992151M	24V FOOT PEDAL ASSEMBLY	*M SKU*	1
PPP	2992152	FT.PDL W/BASE ASM 24V MSI	* *MSI* *24V*	1
QQQ	2992157	FT.PDL W/BASE ASM 36V MSI	* *MSI* *36V*	1
M	2771200	FT PED CABLE, WIRE HARNESS, ASM	*M SKU*	1
VV	2771201	FT PED CABLE, WIRE HARNESS, ASM	*M SKU*	1
RRR	2991207	CORD-CABLE ASM, UTX/80 MSI	* *MSI* *24V*	1
SSS	2991206	CORD-CABLE ASM, UTX MSI	* *MSI* *36V*	1
N	2774061	CONTROL BOARD KIT, 36V ULTREX		1
P	2774060	CONTROL BOARD KIT, 24V ULTREX		1
SS	2771923	ULTREX FOOT PEDAL PLATE ASM		1
Item	Part #	Description	Notes	Quantity
290	2993705	PUSH BTTN/MAGNET ASSY		1
292	2307312	BEAD-FERRITE	*M SKU* *112 LB* *80 LB*	1
	2307313	BEAD-FERRITE	* *MSI* *112 LB*	1
294	2302732	SPRING-LOWER PEDAL S/S		1
296	2375400	SHRINK TUBE-1/40D X 1-3/4	*M SKU* *MSI*	2
298	2260810	CLIP, REED SENSOR		1
300	2290610	LEADWIRE, BLK, 10AWG, GPT 3.0"	*M SKU* *MSI*	1
302	2263000	E-RING TRU-ARC#5133-43		1
304	2994451	FOOT PEDAL W/MAGNET		1
306	2294027	CONTROL BOARD,SENSOR BOARD		1
308	2294410	ACTUATOR-SENSOR, DIA. .375 MAX		2
310	2294420	CARRIER, ACTUATOR		1
312	2294430	BACKER, CARRIER		1
314	2292300	PULLEY, CABLE DRUM		1
316	2293401	SCREW-1/4-20 X 1/2 SET, 316 SS		1
318	2293720	BUTTON-SL, FOOT PEDAL		1
320	2293730	BUTTON-AP, FOOT PEDAL		1
322	2293710	BUTTON-PROP, FOOT PEDAL		1
324	2292700	SPRING, BUTTON, FOOT PEDAL		4
326	2295625	DECAL, INDICATOR LIGHTS		1
328	2373440	SCREW-#4-24 X 1/4 PHCR SS TY B		4
330	2260511	PIN-PIVOT A/T FT PDL		1

▲ Not shown on Parts Diagram.

✱ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✱ Only available with models factory installed with Built-in MEGA Side Imaging.

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▲ Not shown on Parts Diagram.
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PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
402	2332103	SCREW-#6-20 X 3/8 THD (SS)		4
▲	2052510	CABLE CLAMP, 3/16", NYLON		1
▲	2290840	CABLE CLAMP 1/4", NYLON BLACK		1
▲	2301310	SCREW-#8-18 X 1/2 (SS)		2
▲	2298800	LOOM-WIRE, 1/4 X 4"		1
404	2256300	TIE WRAP-5.5" BLACK		3
406	2290605	LEAD WIRE, FOOT PEDAL		1
408	3391722	WASHER, FLAT 7/16		1
410	2296300	TIE WRAP, PANEL MOUNT		1
412	2292915	STRAIN RELIEF, BASE, BL		1
414	2290615	LEADWIRE, RED, 10AWG, GPT 3.5"	*M SKU* *MSI*	1
416	2884019	SWITCH-REED,MAGNETIC w/CONNECT		1

▲ Not shown on Parts Diagram.

✖ This part is included in an assembly and cannot be ordered individually.

◆ Only available with models factory installed with i-Pilot.

● Only available with models factory installed with i-Pilot Link.

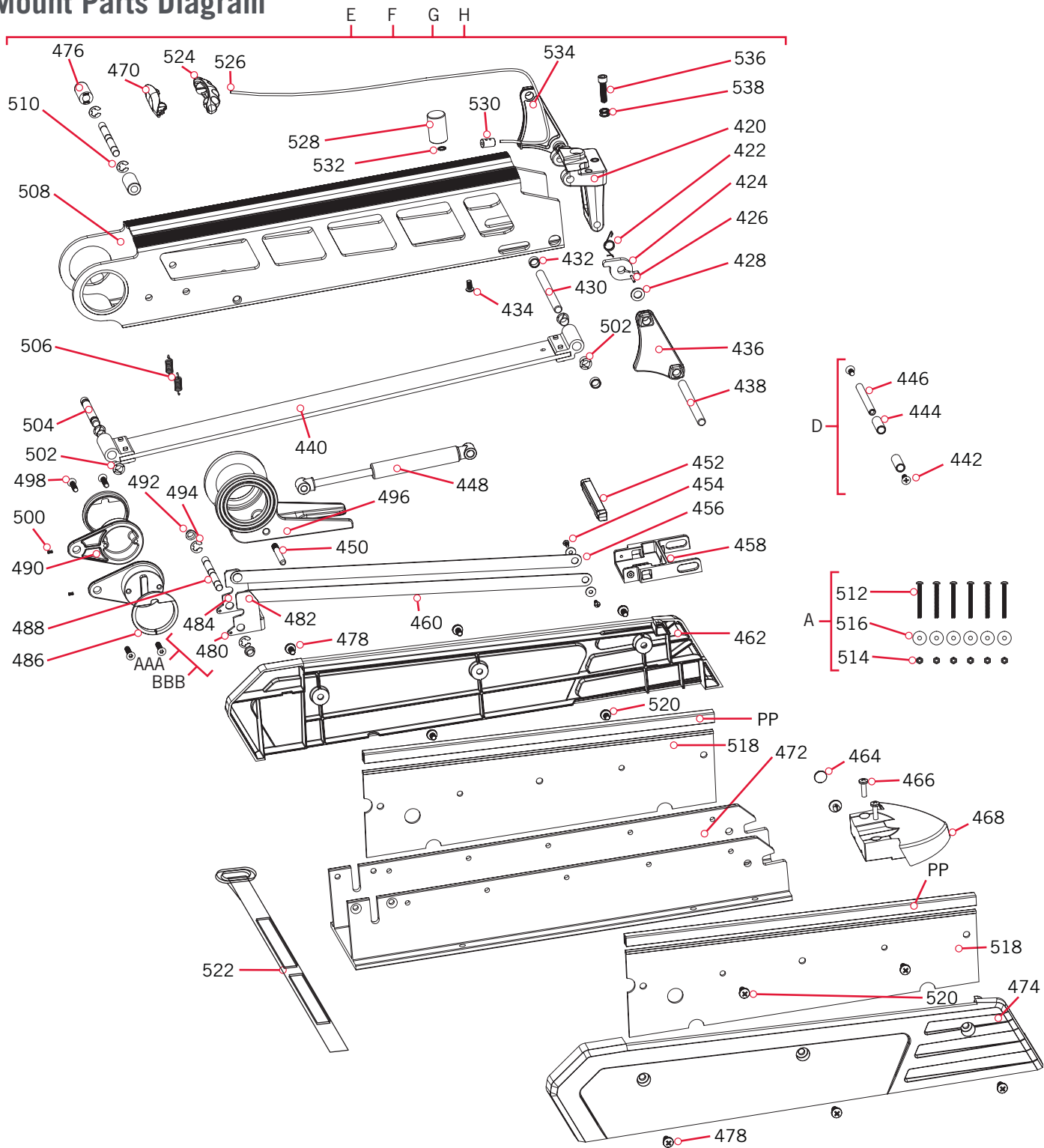
✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✳ Only available with models factory installed with Built-in MEGA Side Imaging.

ULTREX MOUNT

Mount Parts Diagram



PARTS DIAGRAM & PARTS LIST

Mount Parts List

Assembly	Part #	Description	Notes	Quantity
E	2991642	MOUNT ASM ULTREX FW 112# 45"		1
F	2991640	MOUNT ASM ULTREX FW 80# 45"		1
G	2991641	MOUNT ASM ULTREX FW 80# 52/60"		1
H	2991643	MOUNT ASM ULTREX FW 112# 52/60"		1
D	2994912	BAG ASSY, FORTREX MOUNT HDW		1
A	2994887	INSTALLATION HARDWARE BAG ASSEMBLY		1
PP	2886400	RAIL COVER KIT, MOTOR REST		1
AAA	2773601	LATCH STRAP, ASSY LONG MNT 80/112# 52/60"		1
BBB	2773600	LATCH STRAP, ASSY SHORT MNT 80/112# 45"		1
Item	Part #	Description	Notes	Quantity
420	2992333	ROPE GUIDE ASSEMBLY		1
422	2042711	SPRING-TORSION, SS 112# 45"		1
424	2283620	LATCH, SAFETY (SUB)		1
426	2282611	PIN-SPRING, 3/32"		1
428	2281704	WASHER -7/16 NYLON		1
430	2282600	PIN 7/16" X 4.80" SS		1
432	2287303	BUSHING, UPPER PIN		2
434	2223418	SCREW-1/4-20X 1/2 SS BHCS		1
436	2280805	LINK, BOWGUARD MOUNT, RIGHT		1
	2990815	END LINK ASM, RIGHT	*112LB 52"/60" ONLY*	1
438	2282608	PIN 7/16" X 5.15" SS		1
	2282613	PIN, BOW GUARD, LOWER	*112LB 52"/60" ONLY*	1
440	2993821	ASSY,INNER ARM, LONG,FW 80/112# 52/60"		1
	2993819	ASSY,INNER ARM, SHORT,FW 80/112# 45"		1
442	2283410	SCREW-1/4-20 X .500" PFH		2
444	2281710	SPACER, GAS SPRING, FORTREX		2
446	2282610	PIN, UPPER SHOCK		1
448	2288403	GAS SPRING (CYLINDER) (SUB)		1
	2288404	GAS SPRING (CYLINDER) 80# 45" 52/60"		1
	2288405	GAS SPRING (CYLINDER) 112# 45"		1
450	2282604	PIN-KNURLED 5/16"X2 1/4"SS		1
452	2283615	LATCH BAR		1
	2283616	LATCH BAR	*112LB 52"/60"*	1
454	2373450	SCREW-#8-18 X 3/8" THRD.CUT SS		2
456	2261732	WASHER-#8, NYLON		3

▲ Not shown on Parts Diagram.

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✚ Only available with models factory installed with Universal Sonar.

➔ Only available with models factory installed with Built-in MEGA Down Imaging.

✳ Only available with models factory installed with Built-in MEGA Side Imaging.

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● Only available with models factory installed with i-Pilot Link.

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
522	2773806	STRAP, HOLD DOWN		1
524	2280405	PULL GRIP, SOFT, BOTTOM		1
526	2291400	CABLE, PULL HANDLE, SS		1
528	2281516	SPACER, INNER ARM		1
530	2880800	PULL CABLE CLAMP & SCREW KIT		1
532	2281702	WASHER-LOCK, 1/4" EXTERNAL SS		1
534	2280800	LINK,BOWGUARD MOUNT,LEFT		1
	2990810	END LINK ASM, LEFT	*112LB 52"/60" ONLY*	1
536	2293402	SCREW-5/16-18, SHCS, RIE, STEEL		1
538	2291700	WASHER-5/16, M8 WEDGE LOCK		1

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