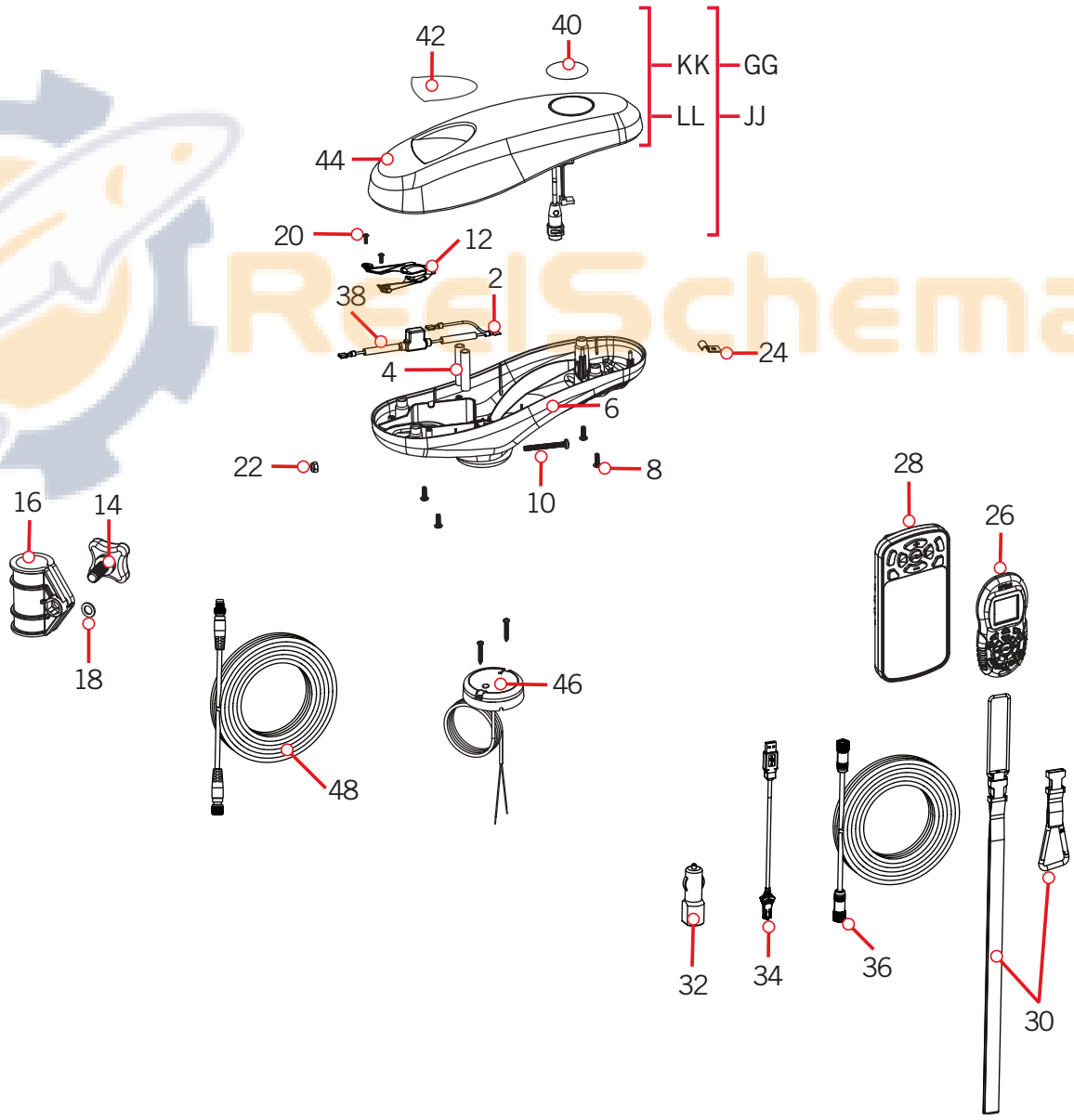
PARTS DIAGRAM & PARTS LIST

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



ReelSchematic

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Control Head Parts List

Assembly	Part #	Description	Quantity
GG	2774176 ♦	I-PILOT CONTROLLET 1.6 TRV, UTX *I-PILOT* *COMPLETE ASSEMBLY*	1
JJ	2774177 ♦	I-LINK CONTROLLER 3.0 TRV, ULTX *I-PILOT LINK* *COMPLETE ASSEMBLY*	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**	**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, .3.75 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 CAMBLE 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
48	2211415	CABLE-EXTENSION, PD/AP 110" *US2*	1
	490507-1	CABLE, ADP-INT MDI 14 M12-120" *MDI*	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.*

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PARTS DIAGRAM & PARTS LIST

Item	Part #	Description	Quantity
▲	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

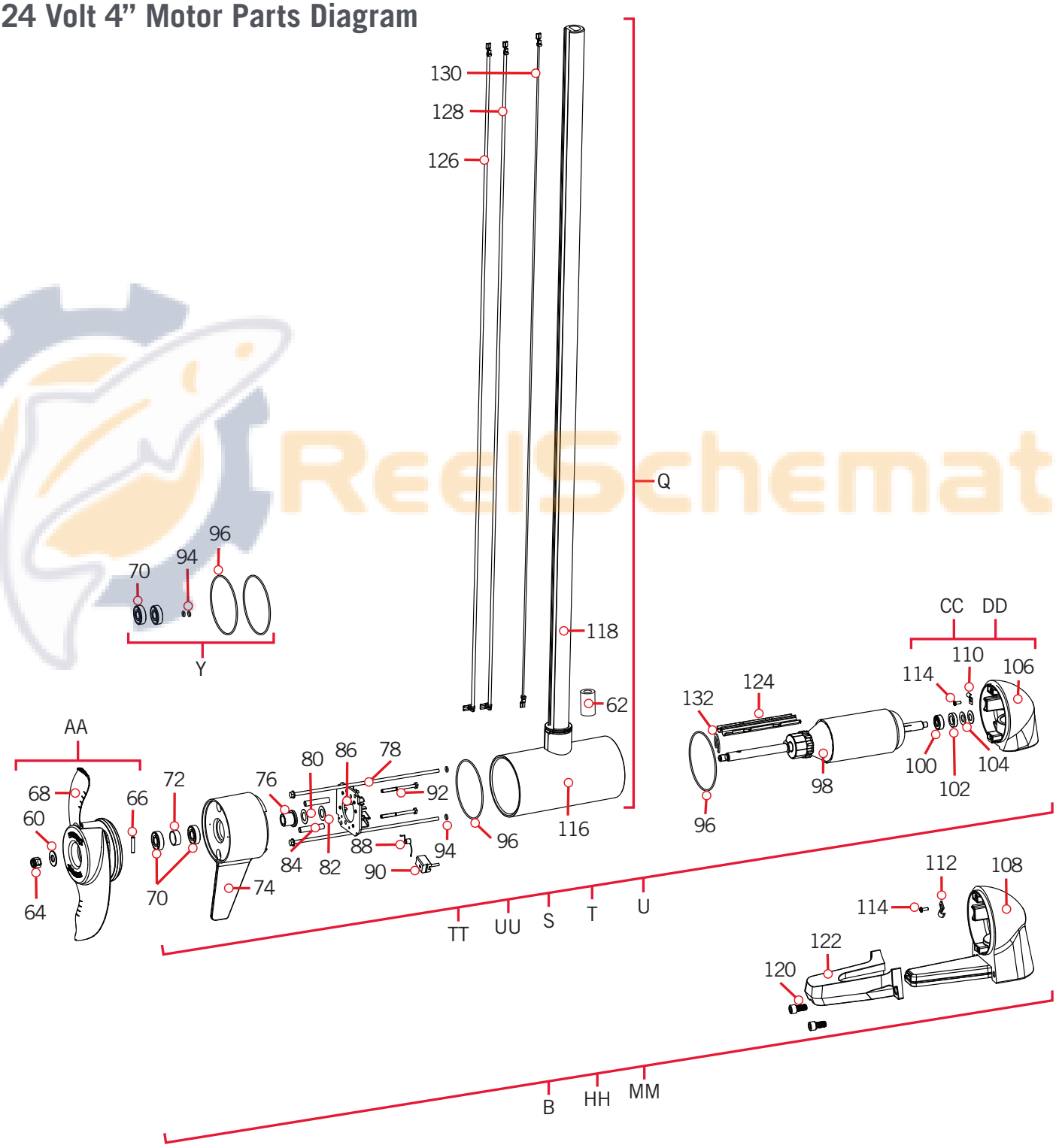
ReelSchematic

▲ *Not shown on Parts Diagram.*
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♦ *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.*

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ULTREX 24 VOLT 4" MOTOR

24 Volt 4" Motor Parts Diagram



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24 Volt 4” Motor Parts List

Assembly	Part #	Description	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" *80#* *NOT FOR M SKU*	1
DD	9421-290	PLN END HSG/TRANSDUCER ASY 4.0 52"/60" *80#* *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
Item	Part #	Description	Quantity
60	2091701	WASHER-PROP (LARGE)	1
62	✖	BEAD-FERRITE	1
64	2093101	NUT-PROP,NYLOC,LG,MX101 3/8 SS	1
66	2262658	PIN-DRIVE 1" X 3/16" S/S	1
68	2331160	PROP-WW2 (4") W/ADP.RING (SUB) *80#*	1
70	880-025	SEAL *80 LB*	2
72	725-095	PAPER TUBE, SEAL	1
74	92-300-170	BRUSH END HSG, 80#	1
76	144-017	BEARING, FLANGE	1
78	830-095	THRU BOLT 12-24	2
80	990-052	WASHER, NYLATRON	1
82	990-051	WASHER-STEEL THRUST	1
84	973-025	SPACER, BRUSHPLATE	2
86	9-738-015	BRUSH PLATE ASSY, 4"	1
88	975-041	SPRING-TORSION *80LB*	2
90	186-094	BRUSH 4"	2
92	830-027	SCREW-BRUSH PLATE 10-32	2
	830-110	SCREW-5/16-18 X 5/8 SHCS SS	2
94	701-009	O-RING, THRU BOLTS	2
96	701-043	O-RING, END HOUSINGS	2
98	2-100-214	ARMATURE ASSY *80#* *24V*	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.*

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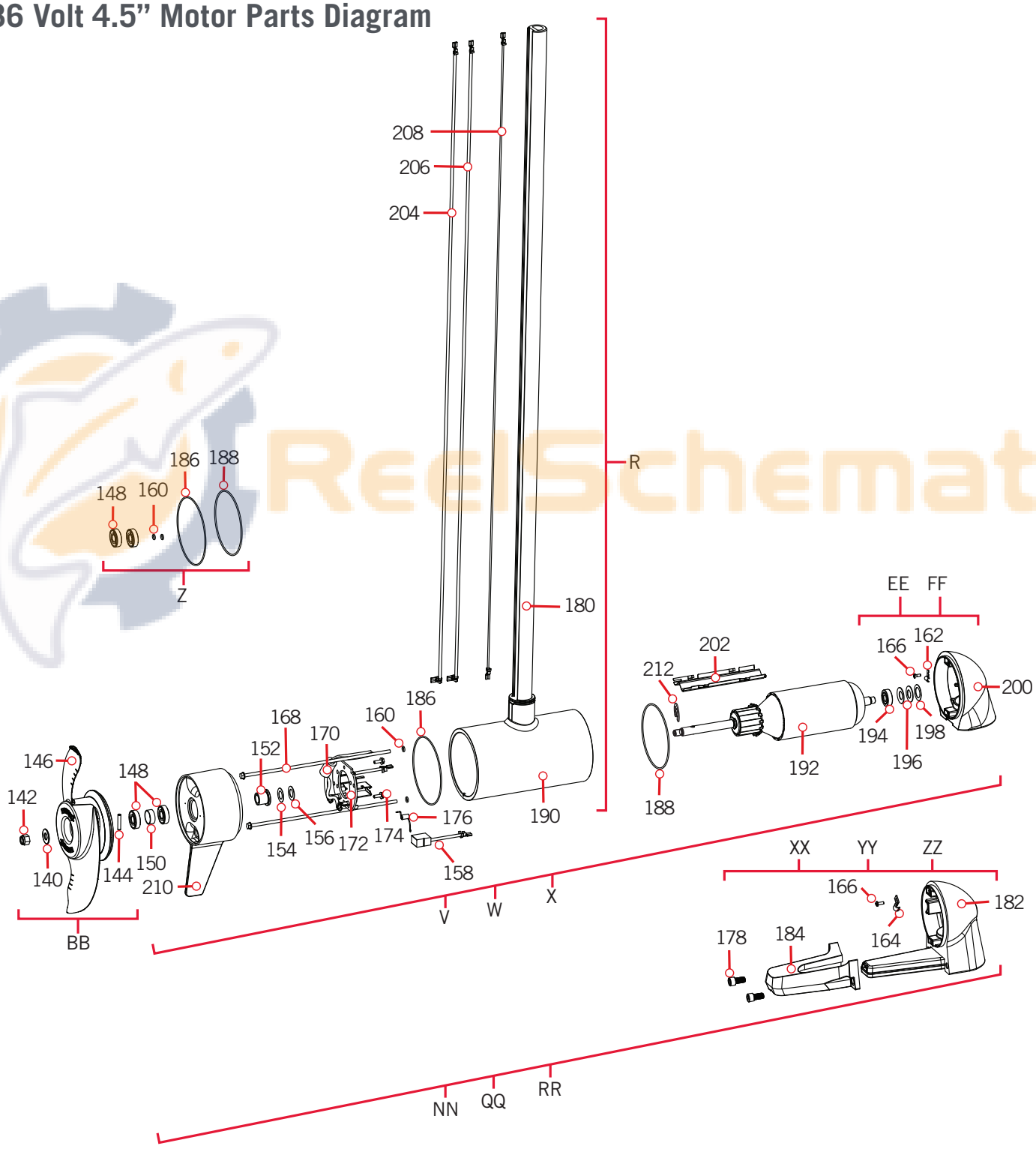
Item	Part #	Description	Quantity
100	140-010	BEARING - BALL	1
102	990-045	SPACER, THRUST *80LB*	1
104	992-010	WASHER, SPRING BELLEVILLE	2
106	✖	PLN END HSG-PNTD-4" US2.5 CB *SEE CC OR DD*	1
108	✖	PLAIN END HOUSING PAINTED 4.0 MDI *SEE B, HH OR MM*	1
110	230-038	CABLE CLAMP, STEEL *US2*	1
112	230-039	CABLE CLAMP *MDI*	1
114	2302104	SCREW-#6 X 3/8	1
116	✖	CTR HSG ASY 4.0" FW MGNTZ(SUB) *SEE Q* *NA FOR MDI AND M SKU*	1
118	✖	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
120	830-110	SCREW 5-16 - 18 X 5/8 SHCS SS	2
122	792-001	GUARD TRANSDUCER, PNT 4.0 DI	1
124	582-013	CLIP, RETAINING SHORT	1
126	640-118	MOTOR WIRE, RED, 80#, 45"	1
	640-132	MOTOR WIRE, RED, 80#, 52"	1
	640-138	MOTOR WIRE, RED, 80#, 60"	1
128	640-016	MOTOR WIRE, BLACK, 80#, 45"	1
	640-017	MOTOR WIRE, BLACK, 80#, 52"	1
	640-021	MOTOR WIRE, BLACK, 80#, 60"	1
130	640-315	BONDING WIRE, BROWN, US2.0, 45"	1
	640-316	BONDING WIRE, BROWN, US2.0, 60"	1
132	788-040	RETAINING RING	1

▲ *Not shown on Parts Diagram.*
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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.*

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ULTREX 36 VOLT 4.5” MOTOR

36 Volt 4.5” Motor Parts Diagram



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36 Volt 4.5” Motor Parts List

Assembly	Part #	Description	Quantity
R	2777243	CTR HSG ASY, CB 112#, FW, 60" TUBE *CENTER SECTION & TUBE* *CUT TO LENGTH*	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
Z	2881450	112# THRUST SEAL KIT	1
BB	1378160	112# THRUST PROP KIT	1
EE	9421-244	PLN END HSG/TRANSDUCER ASY 4.5 45" *112#* *US2*	1
FF	9421-246	PLN END HSG/TRANSDUCER ASY 4.5 52"/60" *112#* *US2*	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
XX	2773002	PLN END HSG/TRANSDUCER ASY 4.5 45" *112#* *45"* *MDI*	1
YY	2773009	PLN END HSG/TRANSDUCER ASY 4.5 52" *112#* *52"* *MDI*	1
ZZ	2773006	PLN END HSG/TRANSDUCER ASY 4.5 60" *112#* *60"* *MDI*	1
Item	Part #	Description	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	2341160	PROP-WW2(4.5)W/ADP.RING *112#*	1
148	880-025	SEAL *112 LB*	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*	1
166	2302104	SCREW-#6 X 3/8	1
168	830-094	THRU BOLT 12-24	2
170	2307312	BEAD-FERRITE	1
172	9-738-011	BRUSH PLATE ASSY, 4.5"	1
174	2053410	SCREW-BRUSH PLATE, 10-32	2
176	975-045	SPRING-TORSION	2
178	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.*
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PARTS DIAGRAM & PARTS LIST

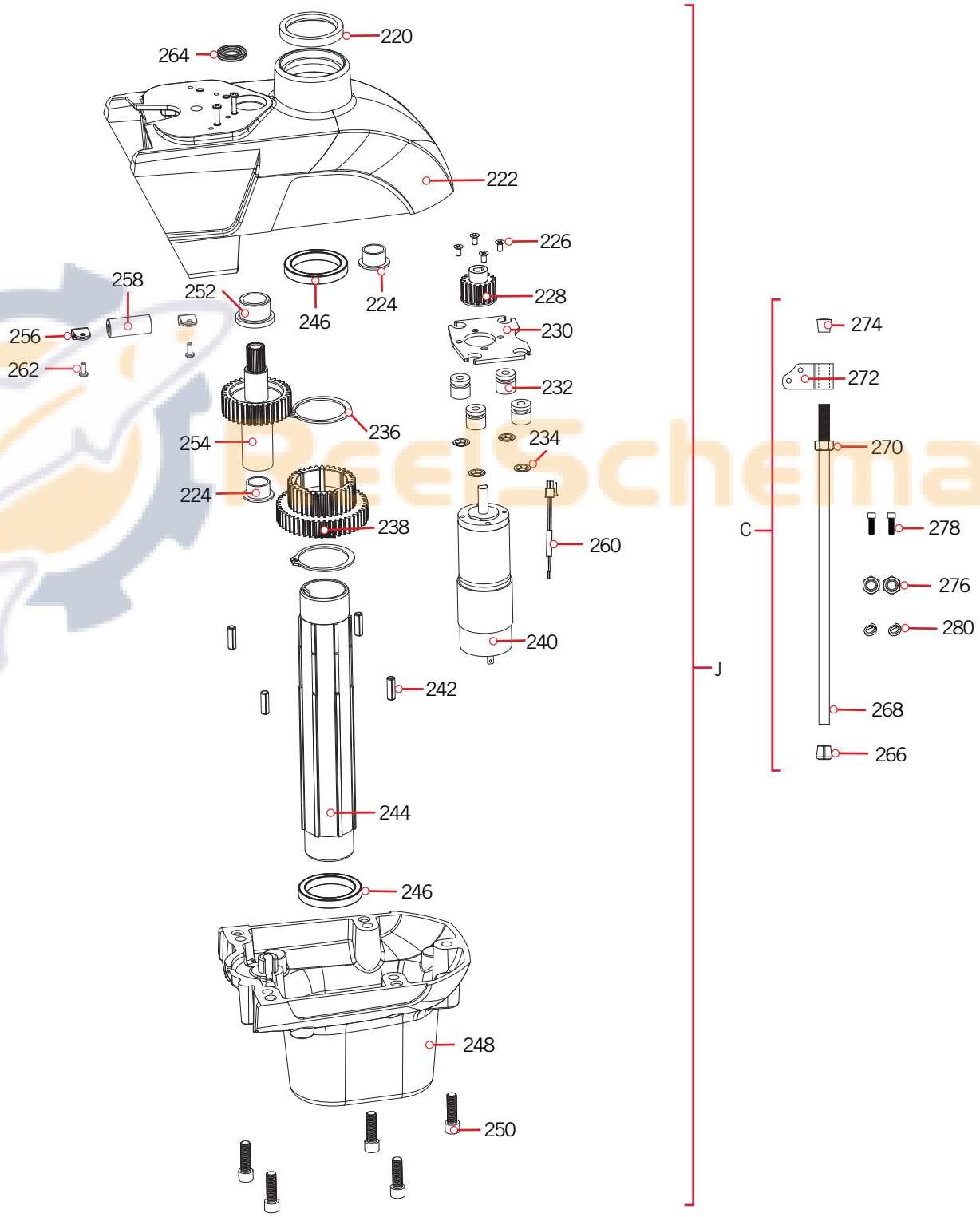
Item	Part #	Description	Quantity
180	✖	TUBE-COMP, BLK, 45", W 1/4" WALL 112# *SEE R*	1
	✖	TUBE-CMP, BLK 60" 1/4" WALL 112# *SEE R*	1
182	✖	PLAIN END HOUSING, PNT 4.5 DI *SEE XX,YY AND ZZ*	1
184	792-005	GUARD TRANSDUCER, PNT 4.5 DI	1
186	701-103	O-RING, 103 MM X 3 MM	1
188	701-098	O-RING, 98MM X 2MM	1
190	✖	CTR HSG ASY 4.5" MAG FW CB TER *SEE R*	1
192	2-100-245	ARMATURE ASSY *112#* *36V*	1
194	140-014	BEARING - BALL	1
196	992-011	WASHER, SPRING BELLEVILLE	2
198	990-011	WASHER, SHIM	1
200	✖	PLN END HSG 4.5" US2.5 PNT FW *SEE EE OR FF*	1
202	582-016	CLIP, RETAINING LONG *112LB*	1
204	640-145	MOTOR WIRE, RED, 112#, 60"	1
	640-140	LEADWIRE RED 10AWG 60 1/2" G *112# 45"*	
	640-142	MOTOR WIRE, RED, 112#, 52"	1
206	640-040	MOTOR WIRE, BLACK, 112#, 45"	1
	640-042	MOTOR WIRE, BLACK, 112#, 52"	1
	640-039	MOTOR WIRE, BLACK, 112#, 60"	1
208	640-315	BONDING WIRE, BROWN, US2.0, 45", 52"	1
	640-316	BONDING WIRE, BROWN, US2.0, 60"	1
210	92-300-155	BRUSH END HSG, 112#	1
212	788-040	RETAINING RING	1

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ULTREX STEERING MODULE

Steering Module Parts Diagram



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Steering Module Parts List

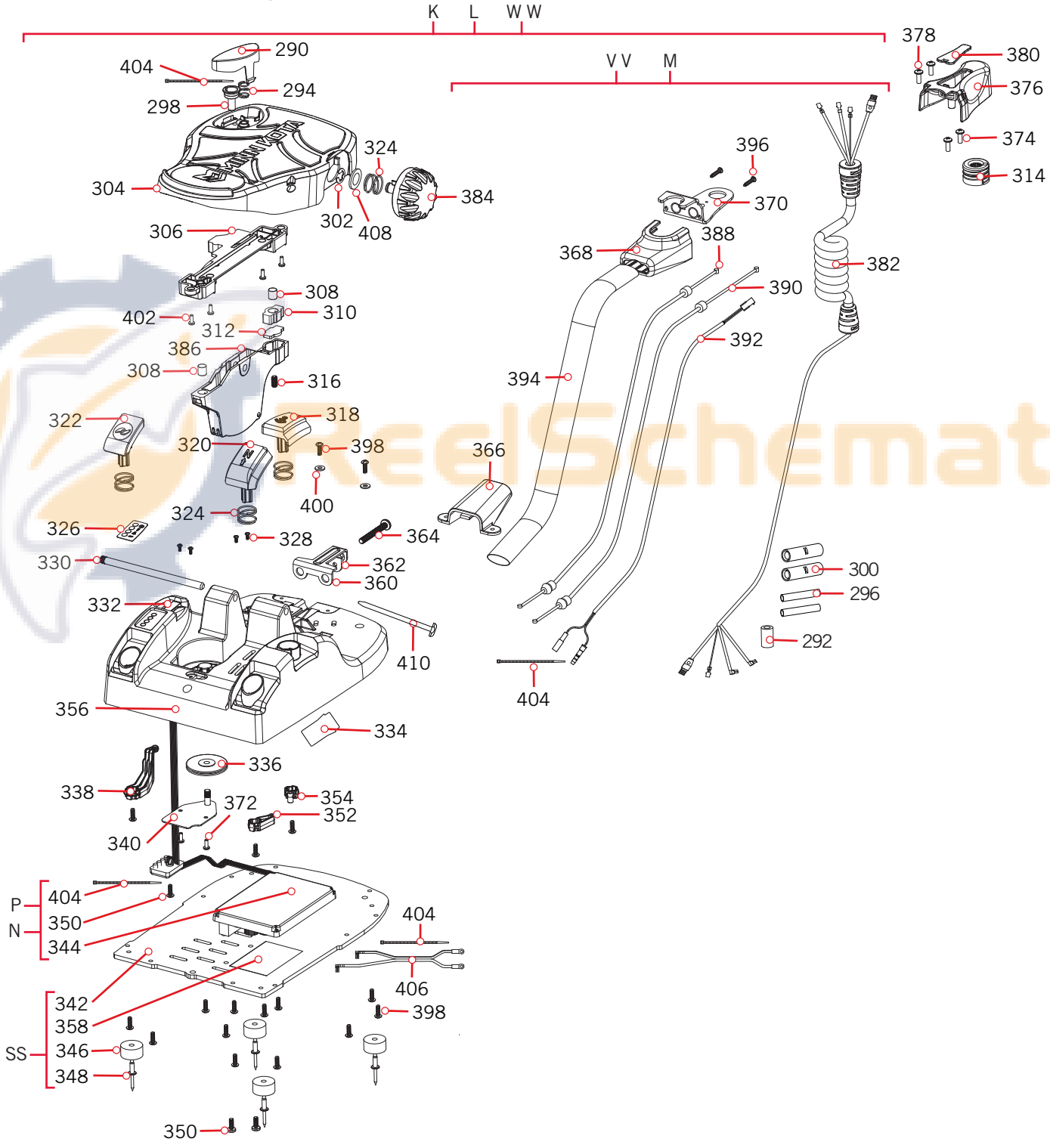
Assembly	Part #	Description	Quantity
C	2991925	BRACKET STABLZR ARM ASY	1
J	2991896	STEERING MODULE ASSEMBLY FW	1
Item	**Part #**	**Description**	**Quantity**
220	✖	SEAL *SEE J*	1
222	✖	HOUSING, UPPER, PAINTED *SEE J*	1
224	✖	BUSHING-1012-08 *SEE J*	2
226	✖	SCREW-M4 X 8MM, FHP, SS *SEE J*	4
228	✖	GEAR-MOTOR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

▲ *Not shown on Parts Diagram.*
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ULTREX FOOT PEDAL

Foot Pedal Parts Diagram



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Foot Pedal Parts List

Assembly	Part #	Description	Quantity
K	2992156	36V FOOT PEDAL ASSEMBLY	1
L	2992151	24V FOOT PEDAL ASSEMBLY	1
WW	2992151M	24V FOOT PEDAL ASSEMBLY *M SKU*	1
M	2771200	FT PED CABLE, WIRE HARNESS, ASM	1
VV	2771201	FT PED CABLE, WIRE HARNESS, ASM *M SKU*	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**	**Quantity**
290	2993705	PUSH BTTN/MAGNET ASSY	1
292	2307312	BEAD-FERRITE *M SKU*	1
294	2302732	SPRING-LOWER PEDAL S/S	1
296	2375400	SHRINK TUBE-1/4OD X 1-3/4 *M SKU*	2
298	2260810	CLIP, REED SENSOR	1
300	2030710	CONNECTOR BUTT *M SKU*	2
302	2263000	E-RING TRU-ARC#5133-43	1
304	2994451	FOOT PEDAL W/MAGNET	1
306	2294025	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
332	2044022	SWITCH-POWER, ON/OFF	1
334	2266413	TENSION SCREW PLATE FTPEDAL	1
336	2262301	PULLEY (FOOT PEDAL)	1
338	2993715	ARM-SENSOR, PROP W/MAGNET	1
340	2266401	COVER-PULLEY (STAMPING)	1
342	2291920	PLATE-BOTTOM	1

▲ *Not shown on Parts Diagram.*
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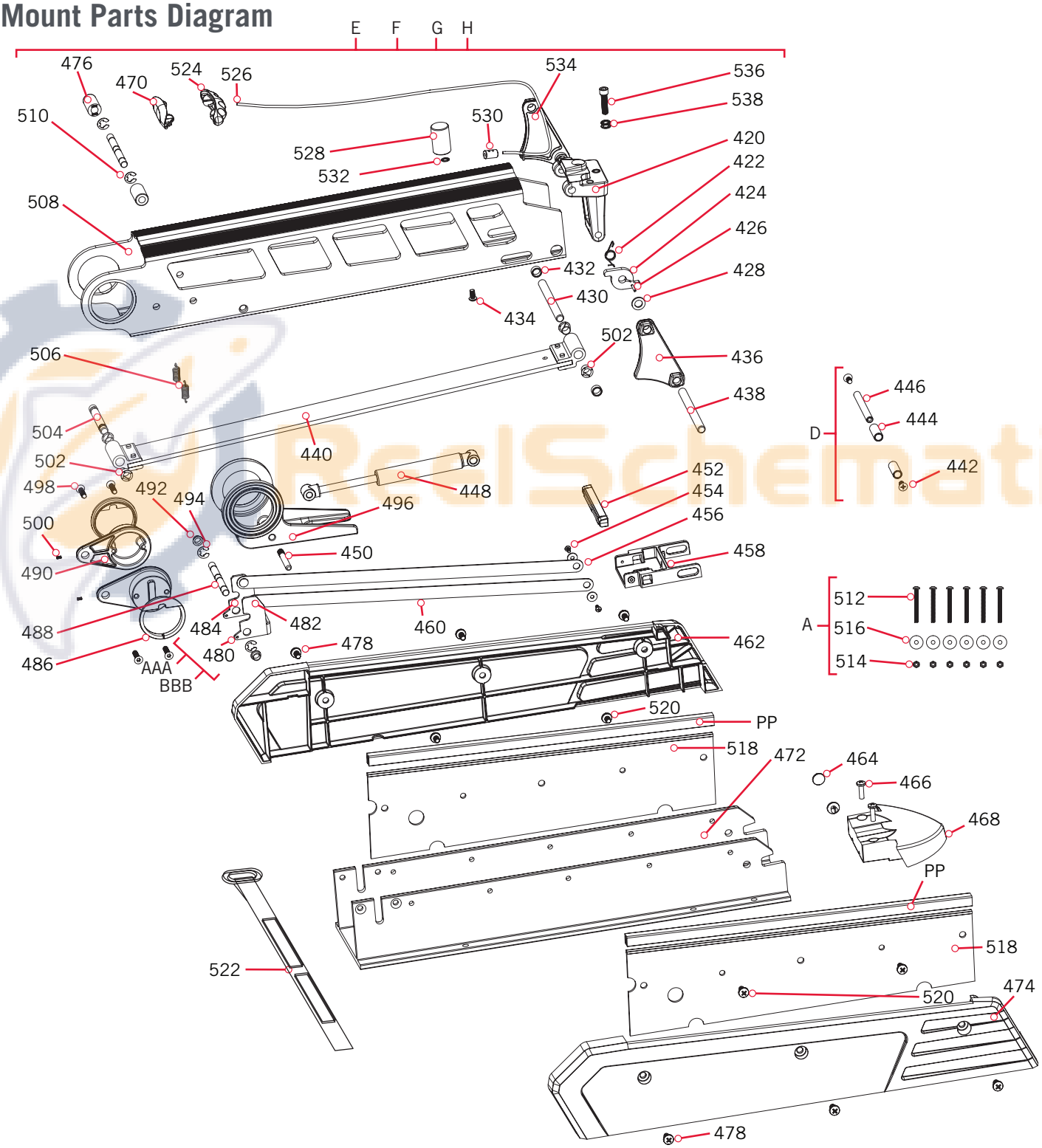
Item	Part #	Description	Quantity
344	2294061	CONTROL BRD, 36V, ULTREX	1
	2294060	CONTROL BRD, 24V, ULTREX	1
346	2265126	BUMPER PAD, FOOT PEDAL (N156)	4
348	2378600	RIVET-POP,3/16 X 3/4 ALUM.SHNK	4
350	2223455	SCREW-#10-32 X 1/2" ZP MACHINE	2
352	2993735	ARM-SENSOR, AP W/MAGNET	1
354	2993725	ARM-SENSOR, SL W/MAGNET	1
356	2994500	BASE W/PIN, FOOT PEDAL	1
358	2365107	INSULATING PAD(2.3 X 3.2)	1
360	2263210	BRACKET-CONDUIT ADJUSTMEN [B060	1
362	2263140	KEEPER-NYLOCK	1
364	2263466	SCREW-1/4-20 X 2" PPH SS/REI	1
366	2265115	BOOT-FOOT PEDAL BASE [B064	1
368	2296410	COVER, COIL CORD	1
370	2291910	BRACKET, CABLE ANCHOR	1
372	2373450	SCREW-#8-18 X 3/8" THRD.CUT SS	2
374	2323406	SCREW-#10-24 X .50 CRPH SS	2
376	2296400	COVER, WRAP DRUM	1
378	2293403	SCREW-#6-32 X .625 PPH SS	2
380	2296405	COVER, MOTOR CONNECTION	1
382	2291200	COIL CORD ASSEMBLY	1
384	2290100	KNOB-SPEED CONTROL	1
386	2294400	LOWER-ROCKER, FOOT PEDAL	1
388	2297505	CABLE ASSY-RIGHT (5')	1
390	2297515	CABLE ASSY-LEFT (5')	1
392	2297411	WIRE HARNESS, MOTOR, LONG	1
394	2265430	CABLE JACKET (5') AT MODEL	1
396	3393450	SCREW-#6-19 X .75 PPH HI-LO	2
398	2372100	SCREW-#8-18 X 5/8 THD* (SS	18
400	2261714	WASHER-MAXXUM FT PDL 18/8 SS	2
402	2332103	SCREW-#6-20 X 3/8 THD*(SS)	4
▲	2052510	CABLE CLAMP, 3/16", NYLON	2
▲	2301310	SCREW-#8-18 X 1/2 (SS)*	2
▲	2298800	LOOM-WIRE, 1/4 X 4"	1
404	2256300	TIE WRAP-5.5" BLACK [DO80	4
406	2290605	LEAD WIRE, FOOT PEDAL	1
408	3391722	WASHER, FLAT 7/16	1
410	2296300	TIE WRAP, PANEL MOUNT	1

▲ *Not shown on Parts Diagram.*
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✚ *Only available with models factory installed with Universal Sonar.*
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ULTREX MOUNT

Mount Parts Diagram



RealSchematic

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Mount Parts List

Assembly	Part #	Description	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	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 *112# 52"/60" ONLY*	1
438	2282608	PIN 7/16" X 5.15" SS	1
	2282613	PIN, BOW GUARD, LOWER *112# 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"*	
454	2373450	SCREW-#8-18 X 3/8" THRD.CUT SS	2
456	2261732	WASHER-#8, NYLON	3
458	2283610	BRACKET-LATCH/STRAP,ROPE PULL	1

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

Item	Part #	Description	Quantity
460	✖	LATCH STRAP, LONG MNT SS 80/112# 52/60"	2
	✖	LATCH STRAP, SHORT MNT SS 80/112# 45"	2
462	2283949	SIDEPLATE, LEFT, LONG, FW *52"/60"*	1
	2283939	SIDEPLATE, LEFT, SHORT, FW *45"*	1
464	2286700	PLUG-SPACER,BASE EXTRUSION	2
466	2073408	SCREW-1/4-20 X 7/8 PPH S/S	2
468	2283900	RAMP-MOTOR FW	1
470	2280401	PULL GRIP,SOFT, TOP	1
472	2281903	BASE EXTRUSION-SHORT, MACH. 80/ 112# 45"	1
	2281913	BASE EXTRUSION-LONG, MACH. 80/112# 52/60"	1
474	2283944	SIDEPLATE, RIGHT, LONG, FW *52"/60"*	1
	2283934	SIDEPLATE, RIGHT, SHORT, FW *45"*	1
476	2261505	SPACER, MOTOR REST	2
478	2323405	SCREW-1/4-20 X 1/2" MCH SS	8
480	✖	BRACKET, LATCH	1
482	✖	RIVET,SHLDR 5/16"X.159"SS	2
484	✖	BEARING,NYLINER 5/16" (5L1-FF)	2
486	2287300	BUSHING-REAR PIVOT	2
488	2282602	PIN 3/8" X 3 3/4" SS	2
490	2281932	BRACKET-REAR PIVOT FW	2
492	2280008	BEARING-I GLIDE 3/8 SHAFT	2
494	2263011	E-RING 3/8 DIA. SHAFT*	4
496	2281501	YOKE, FORTREX	1
498	2283411	SCREW-1/4-20X1.00 FHS RIE TORX	4
500	2283402	SCREW-SET 6/32 X .25" SS	2
502	2280005	BEARING,NYLINER 7/16" (7L7-F)	4
504	2282606	PIN-PIVOT, 7/16" X 3 1/8" SS	1
506	2282720	SPRING-EXTENSION SS	2
508	2284202	ARM-OUTER,SHORT,FW 80/112# 45"	1
	2284212	ARM-OUTER,LONG,FW 80/112# 52/60"	1
510	2263011	E-RING 3/8 DIA. SHAFT*	2
▲	2014800	BAG-ZPLCK (4X6) 4ML CLEAR	1
▲	2285803	HANG TAG, WARNING, FORTREX	1
512	2263468	1/4 - 20 X 2.5" SS PPH SCREW	6
514	2263103	1/4 - 20 SS NYLOCK NUT	6
516	2261713	1/4 FLAT 18-8 SS WASHER	6
518	2283631	RAIL, MACH, MOTOR REST	2
520	2323403	SCREW - 1/4 - 20 X 1/2" T-L ZP	4
522	2773806	STRAP, HOLD DOWN	1

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Item	Part #	Description	Quantity
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 *112# 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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