

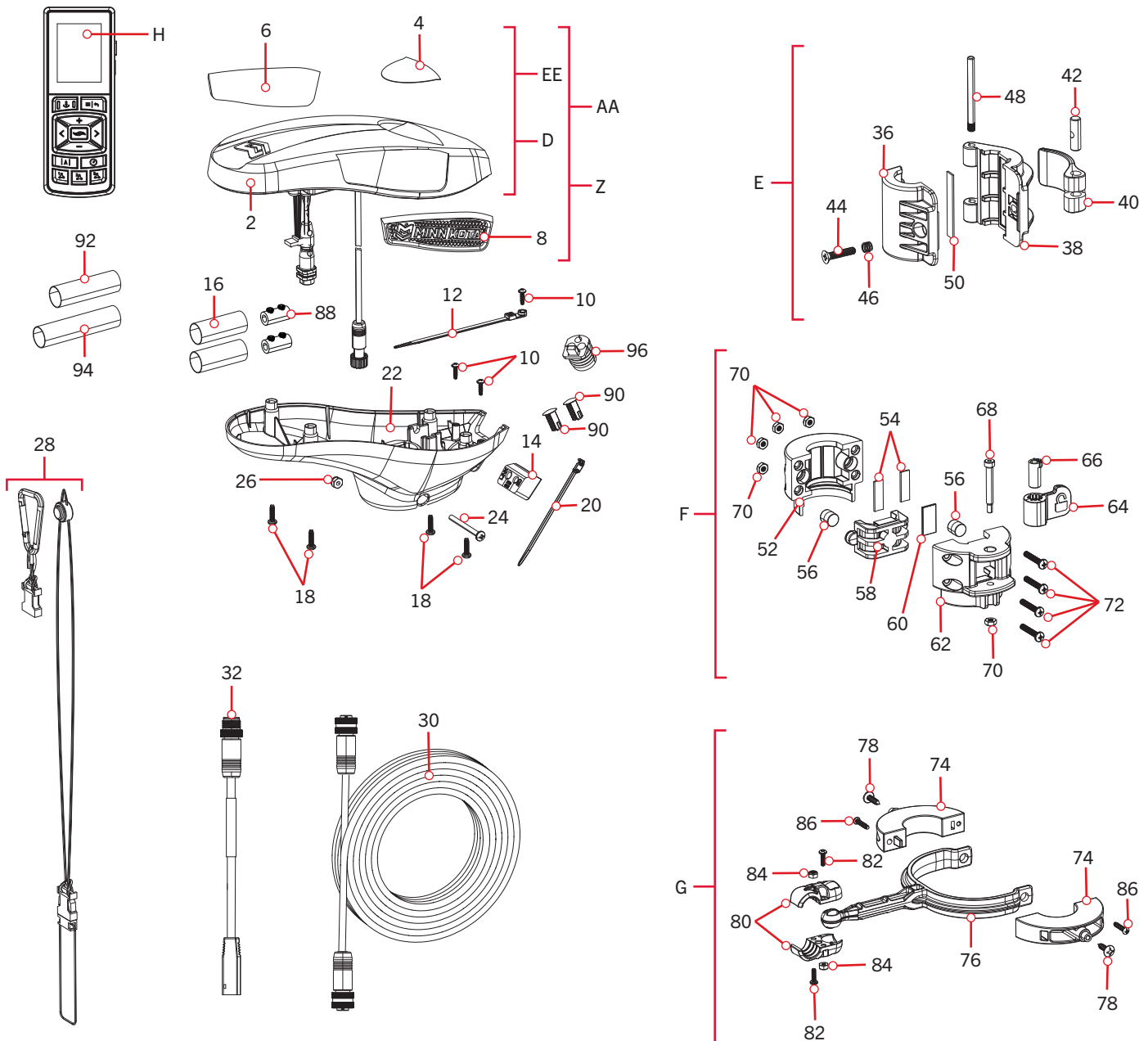
PARTS DIAGRAM & PARTS LIST

RIPTIDE TERROVA QUEST - 90/115 THRUST - 24/36 VOLTS - 60"/72"/87"/100" SHAFT

The parts diagram and parts list provide 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.

RIPTIDE TERROVA QUEST CONTROL HEAD

Control Head Parts Diagram



PARTS DIAGRAM & PARTS LIST



Control Head Parts List

Assembly	Part #	Description	Notes	Quantity
AA	2774193	CONTROLLER KT 4.0 QUEST SW WHT	*SALTWATER WHITE*	1
Z	2774192	CONTROLLER KT 4.0 QUEST SW BLK	*SALTWATER BLACK*	1
EE	2770249	CTRL BOX COVER QUEST SW WHT	*COVER & DECALS* *SALTWATER WHITE*	1
D	2770248	CTRL BOX COVER QUEST SW BLK	*COVER & DECALS* *SALTWATER BLACK*	1
E	2991530	CLAMP COLLAR ASSEMBLY		1
F	✖	STOW LOCK COLLAR ASSEMBLY	*72"* *87"* *100"*	1
G	✖	COIL CORD SLIDER ASSEMBLY	*72"* *87"* *100"*	1
H	411690-1	TROLLING MOTOR REMOTE		1
Item	Part #	Description	Notes	Quantity
2	2200221	CONTROL BOX COVER, QUEST WHT	*SALTWATER WHITE*	1
	2200220	CONTROL BOX COVER, QUEST BLK	*SALTWATER BLACK*	1
4	2395561	DECAL,PUSH BTN,INST,RT TRV,WHT	*SALTWATER WHITE*	1
	2395595	DECAL-PUSH BTN, INSTINCT, BLK	*SALTWATER BLACK*	1
6	2205561	DECAL, CTRL BOX MK RIGHT SW		1
8	2205566	DECAL, CTRL BOX MK LEFT SW		1
10	2203441	SCREW-#6 X 1/2" THRD FORM,SSTL		3
12	2206302	TIE WRAP, SCREW MOUNT 6.3"		1
14	2206710	PLUG, RUBBER, DI/SI		1
16	2205413	SHRINK TUBE-3/4 X 2.25"		2
18	2372100	SCREW #8-18 X 5/8 TYPE BT		4
20	2206301	TIE WRAP, LOW PROFILE 8"		1
22	2202521	CONTROL BOX BASE, QUEST WHT	*SALTWATER WHITE*	1
	2202520	CONTROL BOX BASE, QUEST BLK	*SALTWATER BLACK*	1
24	2263406	SCREW-#10-24 X 2" S/S PPH		1
26	2333101	NUT-HEX #10-24 UNC-2B NYL SS		1
28	2390802	LANYARD REMOTE WITH CARABEENER		1
30	490384-4	CABLE, ETHERNET (M12-M12), 30'		1
32	490380-1	CABLE, ETHERNET PIGTAIL-700 HD		1
36	2291530	CLAMP COLLAR, BOLT SIDE		1
38	2291535	CLAMP COLLAR, CAM SIDE		1
40	2297200	LEVER, CAM LOCK		1
42	2322615	PIN, CAM LOCK, DEPTH COLLAR		1
44	2323401	SCREW-1/4-28X1 1/4 PFH 316SS		1
46	2062720	SPRING,DEPTH COLLAR,TRAXX		1
48	2292617	PIN, HINGE		1
50	2295110	PAD, FRICTION		1
52	2321535	COLLAR-STOW SPRING SIDE	*72"* *87"* *100"*	1
54	2325120	PAD-FRICTION, SPRING SIDE	*72"* *87"* *100"*	2

▲ Not shown on Parts Diagram.
✖ This part is included in an assembly and cannot be ordered individually.



PARTS DIAGRAM & PARTS LIST

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Item	Part #	Description	Notes	Quantity
56	2322707	SPRING SILICONE RUBBER	*72** *87** *100**	2
58	2323010	RING-PRESSURE, STOW COLLAR	*72** *87** *100**	1
60	2325121	PAD-FRICTION, CAM SIDE	*72** *87** *100**	1
62	2321536	COLLAR-STOW, CAM SIDE	*72** *87** *100**	1
64	2327910	CAM ARM, STOW COLLAR	*72** *87** *100**	1
66	2327330	BUSHING, CAM ARM	*72** *87** *100**	1
68	2322635	BOLT, SHOULDER ¼X1½ X10-24 SS	*72** *87** *100**	1
70	2333101	NUT-HEX #10-24 UNC-2B NYL SS	*72** *87** *100**	5
72	2323417	SCREW-#10-24X1 ¼ SS	*72** *87** *100**	4
74	2201530	COLLAR HALF, COIL CORD	*72** *87** *100**	2
76	2201531	COLLAR ARM, COIL CORD	*72** *87** *100**	1
78	2203424	SCREW-#10-12x.75,PTH TYPE A SS	*72** *87** *100**	2
80	2200860	CLAMP-BALL, COIL CORD SLIDER	*72** *87** *100**	2
82	830-064	SCREW-#6-32X1/2" TORX PH SS ND	*72** *87** *100**	2
84	2323110	NUT-HEX, 6-32 NYLOK SS	*72** *87** *100**	2
86	2203460	SCREW-#8 X 0.75 PPH HI-LO SS	*72** *87** *100**	2
88	2375444	SPLICER, 6-10 AWG, TIN PLTD		2
90	2208633	RIVET-SNAP, PLASTIC PLUG		2
92	2205412	SHRINK TUBE-.75 ID X 2"		1
94	2205415	SHRINK TUBE-.472 ID X 5"		1
96	2206723	PLUG-WIRE, ROUND 8 AWG	*87** *100**	1
▲	2327139	MANUAL, RT TERROVA 3 BL		1
▲	2327141	MANUAL-INSTALL GUIDE RT T3 BL		1
▲	2327156	CHECKLIST, RT TERROVA QUEST		1
▲	2397115	GUIDE-QUICK REFERENCE iP 4.0		1
▲	2395544	DECAL-COMP, TERROVA QUEST		1

▲ Not shown on Parts Diagram.

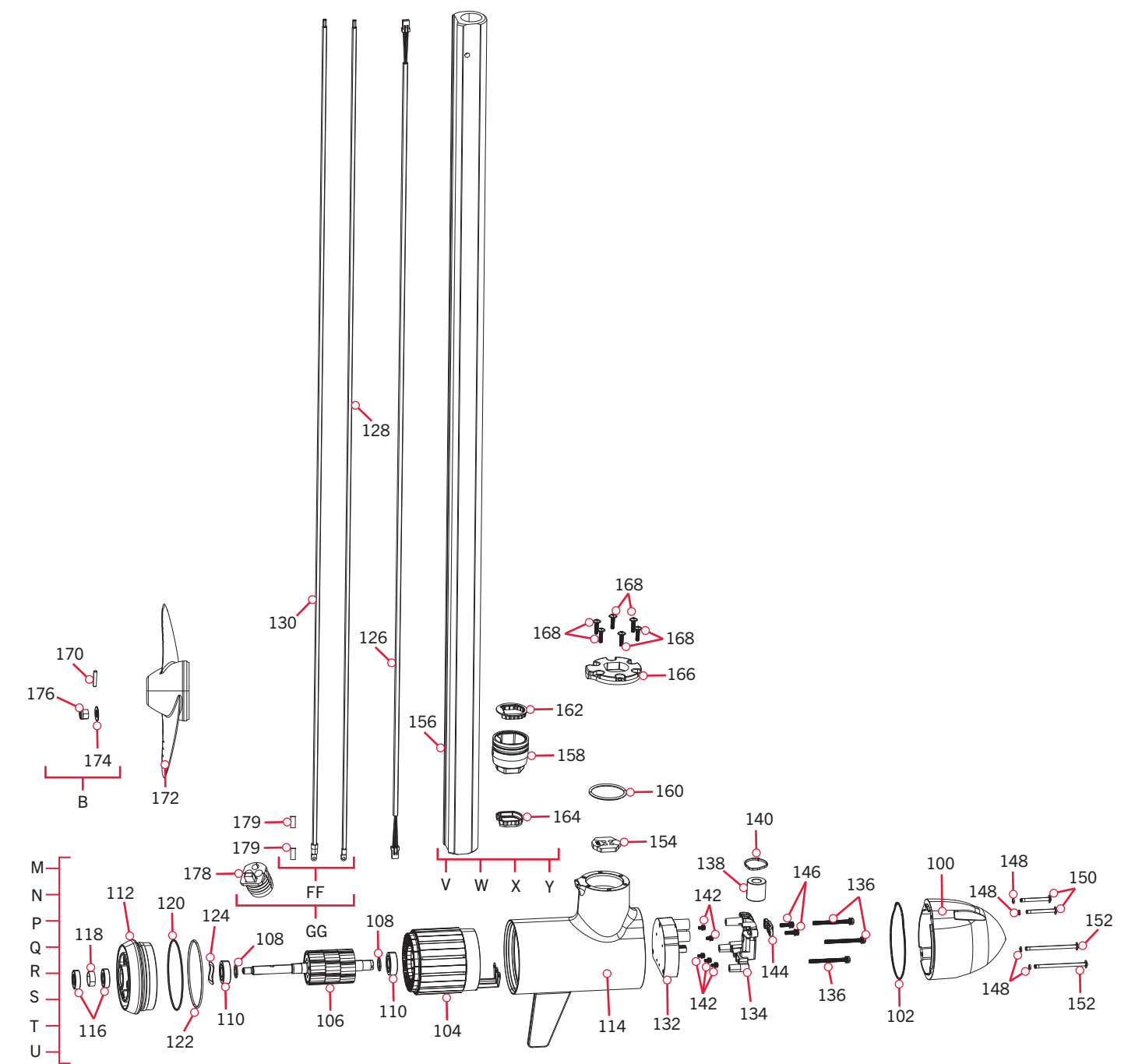
✖ This part is included in an assembly and cannot be ordered individually.

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PARTS DIAGRAM & PARTS LIST

RIPTIDE TERROVA QUEST MOTOR

24/36 Volt 90/115 Thrust Motor Parts Diagram



PARTS DIAGRAM & PARTS LIST

24/36 Volt 90/115lb Thrust Motor Parts List

Assembly	Part #	Description	Notes	Quantity
M	2771050	MTR ASY 24/36V 90/115# NS 60"	*60"* *SALTWATER WHITE*	1
N	2771051	MTR ASY 24/36V 90/115# NS 72"	*72"* *SALTWATER WHITE*	1
P	2771052	MTR ASY 24/36V 90/115# NS 87"	*87"* *SALTWATER WHITE*	1
Q	2771053	MTR ASY 24/36V 90/115# NS 100"	*100"* *SALTWATER WHITE*	1
R	2771055	MTR ASY 24/36V 90/115# NS 60"	*60"* *SALTWATER BLACK*	1
S	2771056	MTR ASY 24/36V 90/115# NS 72"	*72"* *SALTWATER BLACK*	1
T	2771057	MTR ASY 24/36V 90/115# NS 87"	*87"* *SALTWATER BLACK*	1
U	2771058	MTR ASY 24/36V 90/115# NS 100"	*100"* *SALTWATER BLACK*	1
V	2991065	BL SHAFT ASM 60" UTX,ULT,T3,RT	*SHAFT* *60"*	1
W	2991051	BL SHAFT ASM 72" INSTNCT,RT/T3	*SHAFT* *72"*	1
X	2991052	BL SHAFT ASM 87" INSTNCT,RT/T3	*SHAFT* *87"*	1
Y	2991053	BL SHAFT ASM 100" INSTNC,RT/T3	*SHAFT* *100"*	1
B	2992604	BAG ASSM, PROP HARDWARE		1
FF	2280613	MTR LEADWIRE KIT, QUEST, 45" - 72"	*60"**72"*	1
GG	2280614	MTR LEADWIRE KIT, QUEST, 87/100"	*87"* *100"*	1
Item	Part #	Description	Notes	Quantity
100	421-168	FRONT ENDBELL,PLAIN,SW WHT PNT	*SALTWATER WHITE*	1
	421-169	FRONT ENDBELL, PLAIN, SW BLACK	*SALTWATER BLACK*	1
102	880-032	SEAL-FRONT, BL MOTORS		1
104	✖	STATOR ASSEMBLY		1
106	✖	ROTOR ASSEMBLY		1
108	✖	WASHER BEARING		2
110	✖	BALL BEARING		2
112	✖	REAR ENDBELL, SW WHT PAINT	*SALTWATER WHITE*	1
	✖	REAR ENDBELL, SW BLACK PAINT	*SALTWATER BLACK*	1
114	✖	CNTR HSG,MCH AFTR SW W.PNT	*SALTWATER WHITE*	1
	✖	CNTR HSG,MCH AFTR SW B.PNT	*SALTWATER BLACK*	1
116	✖	SEAL		2
118	✖	PAPER TUBE - SEAL BORE		1
120	✖	O-RING		1
122	✖	O-RING		1
124	✖	WASHER-WAVE		1
126	195-032	CABLE-COM 22GA TWST PAIR 76.25	*60"*	1
	195-033	CABLE-COM 22GA TWST PAIR 87.63	*72"*	1
	195-034	CABLE-COM 22G TWST PAIR 102.63	*87"*	1
	195-035	CABLE-COM 22G TWST PAIR 111.38	*100"*	1

▲ Not shown on Parts Diagram.

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PARTS DIAGRAM & PARTS LIST



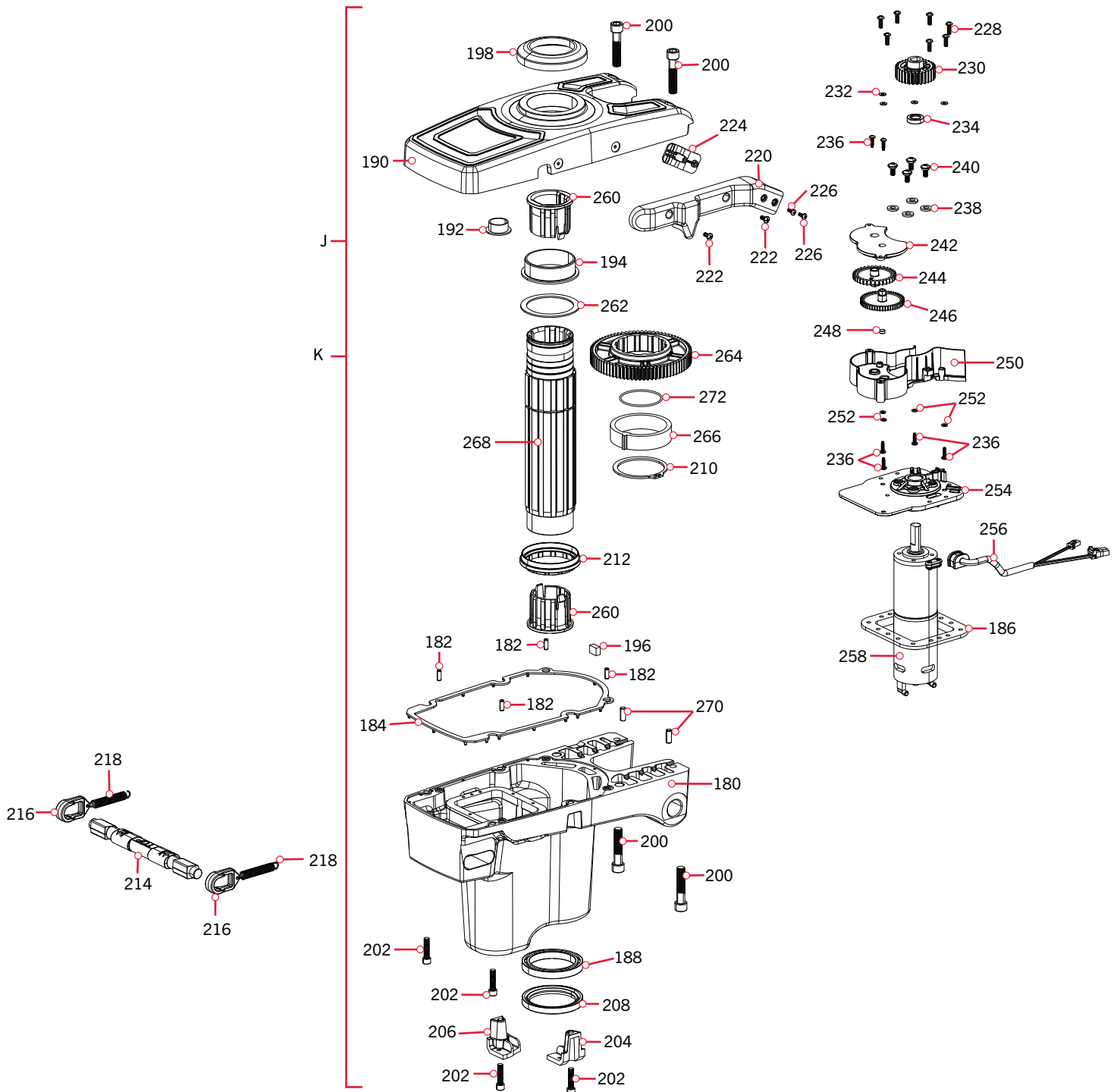
Item	Part #	Description	Notes	Quantity
128	✖	LEADWIRE RED 8 AWG 74	*60"* *SEE ASSEMBLY FF*	1
	✖	LEADWIRE RED 8 AWG 85 3/8	*72"* *SEE ASSEMBLY FF*	1
	✖	LEADWIRE RED 8 AWG 100 3/8	*87"* *SEE ASSEMBLY GG*	1
	✖	LEADWIRE RED 8 AWG 113 3/8	*100"* *SEE ASSEMBLY GG*	1
130	✖	LEADWIRE BLK 8 AWG 75	*60"* *SEE ASSEMBLY FF*	1
	✖	LEADWIRE BLK 8 AWG 86 3/8	*72"* *SEE ASSEMBLY FF*	1
	✖	LEADWIRE BLK 8 AWG 101 3/8	*87"* *SEE ASSEMBLY GG*	1
	✖	LEADWIRE BLK 8 AWG 114 3/8	*100"* *SEE ASSEMBLY GG*	1
132	2994130	INVERTER ASM, 24/36V, BL		1
134	979-031	STRAIN RELIEF,BTM MACH WIRETAB		1
136	830-118	SCREW-DBL SEMS,M5 X .8MMX60MM"		3
138	2307318	FERRITE BEAD, BL		1
140	9953310	TIE WRAP-8"		1
142	830-123	SCREW-M4 X .7X8MM HEX DBL SEMS		5
144	979-022	STRAIN RELIEF, TOP CAST		1
146	830-121	SCREW-M5 X .8X18 PPH ZPS		2
148	701-010	O-RING, SCREW		4
150	830-115	SCREW-FRONT,TOP,COATED, BL MTR		2
152	830-116	SCREW-FRONT,BTM,COATED, BL MTR		2
154	880-042	SEAL-WIRE, BL MTR, PLAIN END		1
156	✖	TUBE-1CM, BLK 60", 1.5 X .875	*60"*	1
	✖	TUBE-5CM, BLK 72", 1.5 X .75	*72"*	1
	✖	TUBE-5CM, BLK 87", 1.5 X .75	*87"*	1
	✖	TUBE-5CM, BLK 100", 1.5 X .75	*100"*	1
158	✖	PLUG, COMP SHAFT, PAINTED		1
160	2294630	O-RING, 226, 70 SHORE A		1
162	✖	SEAL-TOP SHAFT, BRUSHLESS, CLR		1
164	✖	SEAL-LWR SHAFT, BRUSHLESS, CLR		1
166	2296432	PLATE, CLAMP, PAINTED		1
168	830-013	SCREW-M5 X .8 FSHCS SS CTD		6
170	2262659	PIN-DRIVE 1" X 3/16 SS 17-4		1
172	2321170	PROP, POWER REAMED		1
174	2091701	WASHER-PROP (LARGE) MAX101		1
176	2093101	NUT-PROP,NYLOC,LG,MX101 3/8 SS		1
178	✖	PLUG-WIRE, ROUND 8 AWG	*87"* *100"* *SEE ASSEMBLY GG*	1
179	✖	FERRULE, 8 AWG, .47" , TIN PLTD	*SEE ASSEMBLY FF* *SEE ASSEMBLY GG*	2

▲ Not shown on Parts Diagram.
✖ This part is included in an assembly and cannot be ordered individually.



RIPTIDE TERROVA QUEST STEERING HOUSING

Steering Housing Parts Diagram



PARTS DIAGRAM & PARTS LIST

Steering Housing Parts List

Assembly	Part #	Description	Notes	Quantity
J	2997067	STEERING HOUSING ASM, SW WHT	*SALTWATER WHITE*	1
K	2997068	STEERING HOUSING ASM, SW BLK	*SALTWATER BLACK*	1
Item	Part #	Description	Notes	Quantity
180	✖	HOUSING-BTM, STEERING, SW, WHT	*SALTWATER WHITE*	1
	✖	HOUSING-BTM, STEERING, SW, BLK	*SALTWATER BLACK*	1
182	✖	PIN-DOWEL, 3/16 X 1/2, SS		4
184	✖	SEAL, STEERING HOUSING SPLIT		1
186	✖	GASKET, MOTOR HOUSING,STEERING		1
188	✖	BRG, 55 X 72 X 9MM, SSTL		1
▲	9950433	TIE WRAP-4" BLACK(#21041)		1
190	✖	HOUSING, STEERING TOP, SW WHT	*SALTWATER WHITE*	1
	✖	HOUSING, STEERING TOP, SW BLK	*SALTWATER BLACK*	1
192	✖	BUSHING, JFM-2023-11		1
194	✖	BUSHING, 55MM, JFM-5560-50		1
196	✖	VENT FILTER, STEERING HOUSING		1
198	✖	SEAL, UMBRELLA		1
200	✖	SCREW-3/8-16 X 1.75 SHCS SS NYSHD		4
202	✖	SCREW-1/4-20X1,SHC,SS,NYSHIELD		4
204	✖	MOUNT, LATCH PIN SPRING, RIGHT		1
206	✖	MOUNT, LATCH PIN SPRING, LEFT		1
208	✖	SEAL, OUTPUT		1
210	✖	RETAINING RING, 2 3/8"		1
212	✖	GREASE CAP BEARING		1
214	2202624	PIN-LATCH, OVERMOLDED		1
216	2320840	CLEVIS, LATCH PIN		2
218	2322703	SPRING, LATCH PIN		2
220	✖	SHROUD,STR WIRE,SW WHT w/MGNT	*SALTWATER WHITE*	1
	✖	SHROUD,STEERING WIRE,FW w/MGNT	*SALTWATER BLACK*	1
222	✖	SCREW-#8-32 X 3/8 MACHINE		2
224	✖	PLATE-BACKUP, STEERING WIRE		1
226	✖	SCREW-#6 X .375 PLASTITE SS		2
228	✖	SCREW-#8-32 X 1/2 (SS)		7
230	✖	GEAR, 30 TOOTH,PINION,STEERING		1
232	✖	WASHER-FLAT #6 S/S		4
234	✖	SEAL,ID 12MM, OD 20MM, T 5MM		1
236	✖	SCREW-#6 X 1/2" THRD FORM,SSTL		6
238	✖	O-RING, 3/16 ID X 3/8 OD		4

▲ Not shown on Parts Diagram.

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

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
240	✖	SCREW-M5X.8X12,FLANGED BTN HD		4
242	✖	COVER, STEER SENSOR GEARS		1
244	✖	GEAR-TRIM, 14T		1
246	✖	GEAR-STEER SENSOR, 51T		1
248	✖	MAGNET, 1/4 X 1/8		1
250	✖	SENSOR,STEERING,ROTATIONAL,I/T		1
252	✖	SEALING WASHER, RUBBER		4
254	✖	PLATE, MOTOR MNT, STEERING		1
256	✖	STEERING CORD ASM		1
258	✖	MOTOR, 24 VDC, 1:130 GEARBOX		1
260	✖	BUSHING, OUTPUT TUBE, LOWER		2
262	✖	WASHER-THRUST, OUTPUT TUBE		1
264	✖	GEAR, 78 TOOTH, OUTPUT TUBE		1
266	✖	HUB, STEERING STOP, ANODIZED		1
268	✖	OUTPUT TUBE, ANODIZED		1
270	✖	PIN-DOWEL, 1/4" X 5/8" SS		2
272	✖	O-RING,-136,NOM ID 2.00,W .103		1
▲	✖	O-RING, SAE-010, BUNA-N		1
▲	✖	SCREW-1/4-20X.313 PLASTIC		1

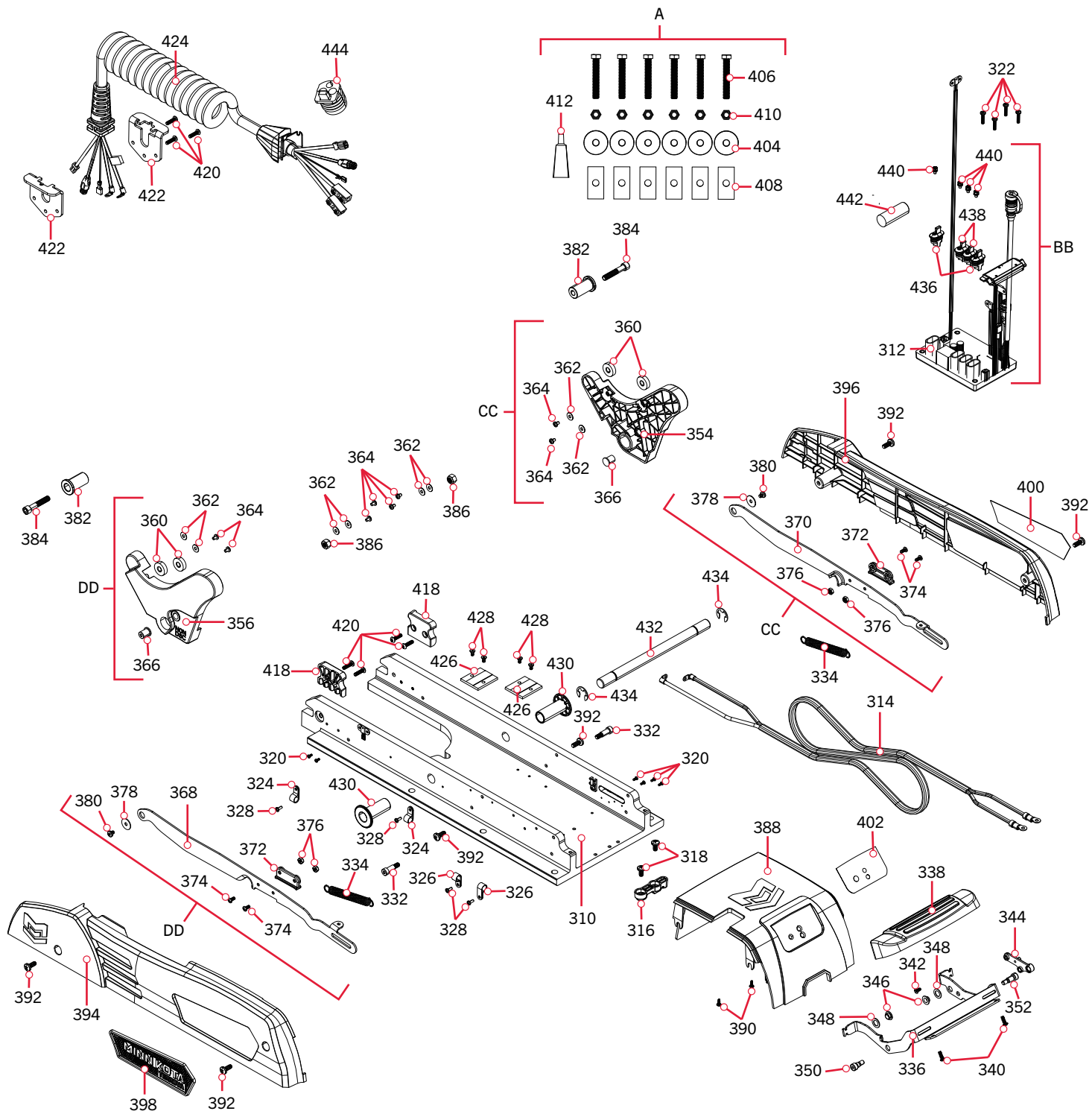
▲ Not shown on Parts Diagram.
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PARTS DIAGRAM & PARTS LIST

RIPTIDE TERROVA QUEST MOUNT

Mount Parts Diagram



PARTS DIAGRAM & PARTS LIST

Mount Parts List

Assembly	Part #	Description	Notes	Quantity
A	2994948	BAG ASM, INSTINCT, T3 BL HDW		1
BB	✖	RT TERROVA QUEST CONTROL BOARD		1
CC	2773955	RAMP ASY, DSC/NO SONAR, RIGHT		1
DD	2773956	RAMP ASY, DSC/NO SONAR, LEFT		1
▲	2992372	STABILIZER BWMT ES TM w/CTN	*72"*87"*100**	1
Item	Part #	Description	Notes	Quantity
310	2321961	BASE, EXTRUSION, ANDZ, T3BL SW		1
312	2324065	PCBA, TERROVA 3 BRUSHLESS		1
314	2200625	LEADWIRE ASM,8AWG,ULT 2		1
316	2202919	STRAIN RELIEF, POWER		1
318	2323405	SCREW-1/4-20 X 1/2" MCH SS		2
320	2323445	SCREW-#4-40x3/8 TR HD TORX SS		6
322	2373487	SCREW-#8-32 X 3/4" PPH MACH SS		4
324	2040721	CLAMP-CABLE 3/8"		2
326	2052510	CABLE CLAMP, 3/16", NYLON		3
328	2073414	SCREW-#6-32 X .375 PPH SS		5
330 ▲	2323442	SCREW-#10-24 X 3/8, BHCS, SS		1
332	2323504	BOLT-SHDR,5/16X1/2X1/4-20		2
334	2322717	SPRING, RAIL EXTENSION		2
336	2320411	RELEASE LEVER, SW		1
338	2320231	COVER,RELEASE LEVER,SW,PLASTIC	*SALTWATER WHITE*	1
	2320230	COVER,RELEASE LEVER,FW,PLASTIC	*SALTWATER BLACK*	1
340	2383446	SCREW-#8-16 X .50" PLASTITE SS		2
342	2323421	SCREW-#8-18 X 1/2" PFH SS TY B		1
344	2998615	CARRIER-MGNT, REL.LEVER w/MGNT		1
346	2327335	BUSHING GFI-0506-03		2
348	2321709	WASHER, 3/8 FLAT, NYLON		2
350	2323503	BOLT-SHLDR, 5/16X1/4X1/4-20 SS		1
352	2323504	BOLT-SHDR,5/16X1/2X1/4-20		1
354	2323955	RAMP, DSC/NS, RIGHT		1
356	2323956	RAMP, DSC/NS, LEFT		1
▲	✖	BUSHING, RAMP PIVOT		2
360	2325115	PAD, RUBBER REST, BLACK		4
362	2321706	WASHER-FLAT #8 .50 OD/.188 SS		8
364	2323412	SCREW-#8-18 X .25 PPH SS TY B		8
366	2324706	INSERT-MOTOR RAMP,METAL,SS		2
368	2324220	SIDE RAIL, FORMED, LEFT, SS		1
370	2324221	SIDE RAIL, FORMED, RIGHT, SS		1
372	2323620	WEAR BAR, SIDE RAIL, PLASTIC		2

▲ Not shown on Parts Diagram.

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

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
374	2332100	SCREW-#8-32 X 3/8 MACHINE		4
376	2323111	NUT-#8-32 NYLOCK JAM SS		4
378	2321700	WASHER #10 SS		2
380	2323422	SCREW-#10-24 X .25" PPH SS MCH		2
382	2323300	PIVOT, RAMP		2
384	2323444	SCREW-5/16-18 X 1.75 SHCS,SS		2
386	2223100	NUT-5/16-18 NYLOCK S/S		2
388	2326556	HOUSING-CONTROL, WHITE	*SALTWATER WHITE*	1
	2326555	HOUSING-CONTROL, BLACK	*SALTWATER BLACK*	1
390	2372103	SCREW-#6 X .375 PLASTITE SS		2
392	2332104	SCREW-1/4-20 X 5/8 S/S		6
394	2323941	SIDEPLATE, LEFT, SW WHT	*SALTWATER WHITE*	1
	2323940	SIDEPLATE, LEFT, FW	*SALTWATER BLACK*	1
396	2323946	SIDEPLATE, RIGHT, SW WHT	*SALTWATER WHITE*	1
	2323945	SIDEPLATE, RIGHT, FW	*SALTWATER BLACK*	1
398	2325537	DECAL, SIDEPLATE, LEFT SW		1
400	2325536	DECAL, SIDEPLATE, RIGHT SW		1
402	2325551	DECAL-PWR SWITCH, SW, WHT,T3BL	*SALTWATER WHITE*	1
	2325552	DECAL-PWR SWITCH, SW, BLK,T3BL	*SALTWATER BLACK*	1
404	2321710	WASHER, RUBBER MOUNT		6
406	2323440	SCREW-3/8-16 X 2 1/2 HHCS SS		6
408	2371796	BACKUP BAR 3/16 X 1 X 2		6
410	2383122	NUT 3/8-16 NYLON INST LOCKNUT		6
412	2378608	ANTI SEIZE TUBE, 4CC, TALON		1
418	2323211	STOP-DEAD, DEPLOY		2
420	2383469	SCREW-#10-24 X 3/4,SS,BHCS		7
422	2320825	BRACKET, COIL CORD		2
▲	2322905	MOUNT, CABLE TIE		1
424	2991245	COIL CORD ASM 45" - 60"	*60"*	1
	2991246	COIL CORD ASM 72"	*72"*	1
	2991247	COIL CORD ASM 87"	*87"*	1
	2991248	COIL CORD ASM 100"	*100"*	1
426	2323210	STEERING STOP, UHMWPE		2
428	2323443	SCREW-#8-32X3/8, SS, BHCS		4
430	2207311	BUSHING, STEER HOUSING PIVOT		2
432	2322605	PIN, PIVOT		1
434	2373013	E-RING, EXTERNAL SS .625, HNDL		2
436	2294610	SEAL, PCBA TERMINAL GRAY .215		2
438	2294611	SEAL, PCBA TERMINAL BLACK .270		2
440	830-123	SCREW-M4 X .7X8MM HEX DBL SEMS		4

▲ Not shown on Parts Diagram.
✖ This part is included in an assembly and cannot be ordered individually.



PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Notes	Quantity
442	2205412	SHRINK TUBE-.75 ID X 2"		1
444	2206721	PLUG-WIRE, ROUND	*87"* *100"*	1
▲	9950433	TIE WRAP-4" BLACK(#21041)		1
▲	2325560	DECAL,STOW,TERROVA 3 BL		1
▲	2006819	LABEL-CARTON "CAUTION HEAVY"		1

▲ Not shown on Parts Diagram.
✖ This part is included in an assembly and cannot be ordered individually.

