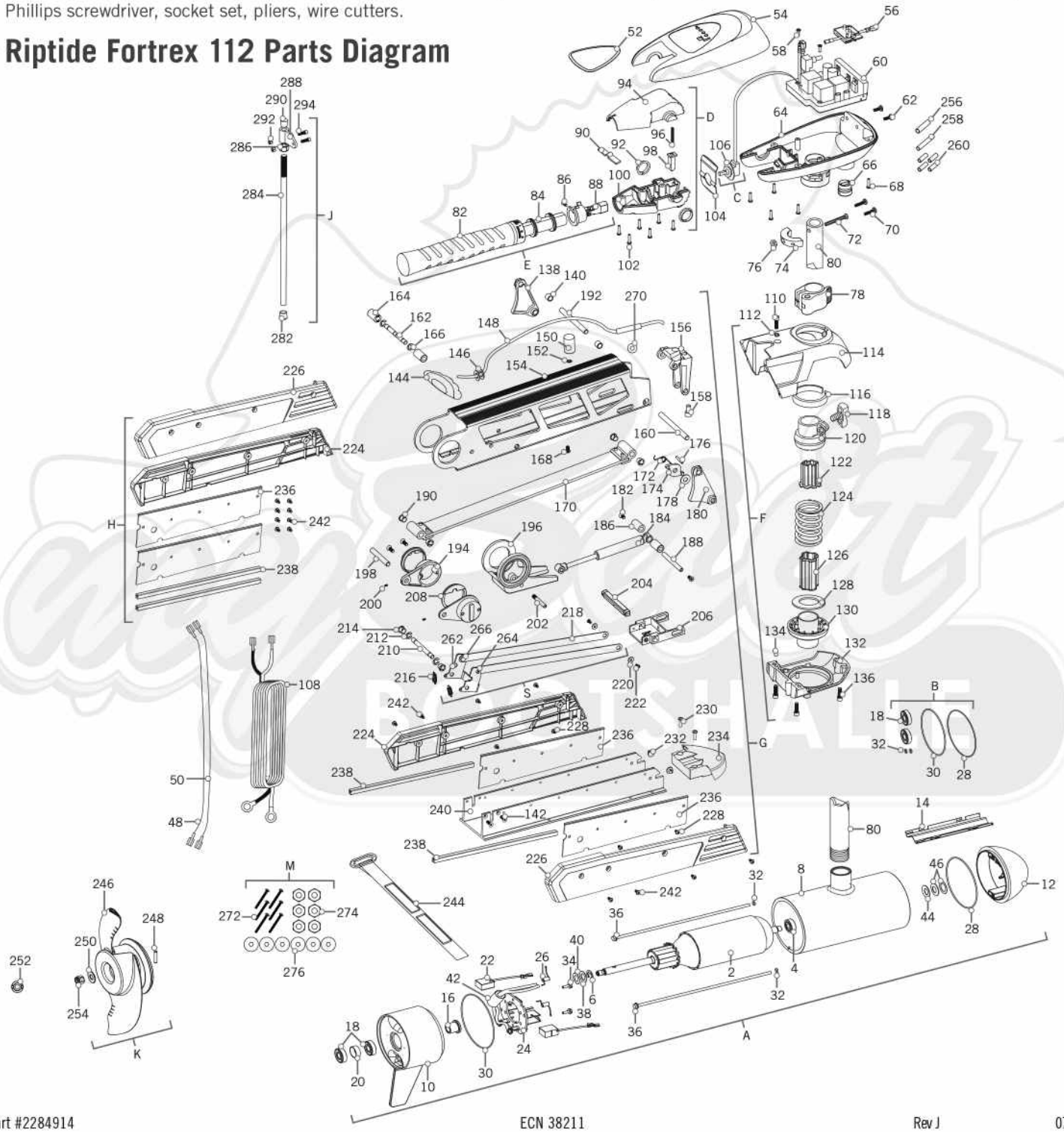
# PARTS DIAGRAM & PARTS LIST

## RIPTIDE FORTREX 112 - 112 LBS THRUST - 36 VOLT - 62" 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.

## Riptide Fortrex 112 Parts Diagram




Part #2284914 ECN 38211 Rev J 07/18

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## Riptide Fortrex 112 Parts List

| Assembly | Part # | Description | Quantity |
|---|---|---|---|
| A | 2317092 | 36V MOTOR 62" SW | 1 |
| B | 2881450 | SEAL AND O-RING KIT | 1 |
| C | 2068411 | POTENTIOMETER REPLACEMENT KIT | 1 |
| D | 2990468 | HANDLE ASSY, VARS | 1 |
| E | 2990466 | GRIP ASSY, VARS | 1 |
| F | 2991757 | BOWGUARD ASSY SW | 1 |
| G | ✖ | MNT ASM FORTREX SW 112# 62" | 1 |
| H | 2883943 | SIDEPLATE KIT, SW LONG | 1 |
| J | 2991925 | BRACKET STABILIZER ASSEMBLY | 1 |
| K | 1378160 | PROPELLER KIT WW2 | 1 |
| M | 2994887 | BAG ASSEMBLY | 1 |
| S | 2773601 | LATCH STRAP, LONG MNT SS | 2 |
| Item | Part # | Description | Quantity |
| 2 | 2-100-245 | ARMATURE ASSEMBLY | 1 |
| 4 | 140-014 | BEARING | 1 |
| 6 | 788-040 | RETAINING RING | 1 |
| 8 | 2-200-341 | CENTER HOUSING ASSEMBLY | 1 |
| 10 | 2-300-156 | BRUSH END HSG ASY 4.5" SW | 1 |
| 12 | 421-241 | PLAIN END HOUSING ASSY. STD | 1 |
| 14 | 582-016 | RETAINING CLIP | 1 |
| 16 | 144-017 | FLANGE BEARING | 1 |
| 18 | 880-025 | SEAL | 2 |
| 20 | 725-095 | PAPER TUBE - SEAL BORE | 1 |
| 22 | 188-095 | BRUSH | 2 |
| 24 | 2-600-244 | BRUSH PLATE ASSEMBLY | 1 |
| 26 | 975-045 | BRUSH SPRING | 2 |
| 28 | 701-098 | O-RING, PLAIN END HOUSING | 1 |
| 30 | 701-103 | O-RING, 103 MM X 3.00 MM, BUNA | 1 |
| 32 | 701-009 | O-RING, THRU-BOLT | 2 |
| 34 | 2053410 | SCREW-BRUSH PLATE | 2 |
| 36 | 830-094 | THRU-BOLT | 2 |
| 38 | 990-051 | WASHER, STEEL | 1 |
| 40 | 990-052 | WASHER, NYLATRON | 1 |
| 42 | 2307312 | FERRITE BEAD | 1 |
| 44 | 990-011 | WASHER, SHIM | 1 |
| 46 | 992-011 | WASHER, BELLEVILLE | 2 |
| 48 | 640-045 | LEADWIRE, BLACK 62" | 1 |
| 50 | 640-145 | LEADWIRE, RED 62" | 1 |
| 52 | 2285621 | DECAL, C-BOX COVER 112# | 1 |
| 54 | 2060296 | C-BOX COVER | 1 |
| 56 | 2074082 | BATTERY METER, 36V SW | 1 |

| Item | Part # | Description | Quantity |
|---|---|---|---|
| 58 | 2043427 | SCREW, #8 X 7/8 SS | 2 |
| 60 | 2184027 | CONTROL BOARD, 24/36V | 1 |
| 62 | 2303434 | SCREW, #8-30 X 5/8 SS | 2 |
| 64 | 2062538 | CONTROL BOX, CAST, SW | 1 |
| 66 | 2062905 | STRAIN RELIEF | 1 |
| 68 | 2303412 | SCREW, #6 X 5/8 SS | 6 |
| 70 | 2063410 | SCREW, #10-32 X 3/4" CAP SS | 2 |
| 72 | 2093400 | SCREW, #10-24 X 1-7/8" PPH SS | 1 |
| 74 | 2061529 | COLLAR-CTRL BOX (SW) | 1 |
| 76 | 2333101 | NUT, 10-24, NYLOCK, SS | 1 |
| 78 | 2991521 | CAM LOCK/DEPTH COLLAR ASSY | 1 |
| 80 | 2002015 | TUBE COMPOSITE 62" | 1 |
| 82 | ✖ | BEARING HANDLE | 1 |
| 84 | 2060015 | BEARING, HANDLE | 2 |
| 86 | 2063405 | SCREW, #6 PFH SS | 2 |
| 88 | 2994092 | YOKE / SPIDER ASSY, VARS | 1 |
| 90 | 2302742 | SPRING, DETENT, OFF | 1 |
| 92 | 2060005 | BEARING, HANDLE PIVOT | 2 |
| 94 | 2060900 | HANDLE PIVOT, TOP | 1 |
| 96 | 2302745 | SPRING, RELEASE BUTTON | 1 |
| 98 | 2063700 | BUTTON, RELEASE | 1 |
| 100 | 2060905 | HANDLE PIVOT, BOTTOM | 1 |
| 102 | 2303412 | SCREW, #6 X 5/8 SS | 6 |
| 104 | 2062715 | SPRING, HANDLE PIVOT | 1 |
| 106 | 2061700 | WASHER, POT HOLDER | 1 |
| 108 | 2992521 | LEADWIRE ASSY | 1 |
| 110 | 2283414 | SCREW, 5/16-18 SHCS, RIE | 1 |
| 112 | 2281700 | WASHER, 5/16 HIGHCOLLAR LOCK | 1 |
| 114 | ✖ | BOWGUARD TOP | 1 |
| 116 | 2280001 | BEARING, BOWGUARD TOP | 1 |
| 118 | 2011366 | KNOB, SS | 1 |
| 120 | 2261525 | SPRING SLEEVE, UPPER | 1 |
| 122 | 2264702 | TUBE INSERT, UPPER | 1 |
| 124 | 2262705 | SPRING, BOWGUARD | 1 |
| 126 | 2282000 | TUBE INSERT, LOWER | 1 |
| 128 | 2281525 | SPACER, LOWER SPRING | 1 |
| 130 | 2281520 | SPRING SLEEVE, LOWER | 1 |
| 132 | ✖ | BOWGUARD BOTTOM | 1 |
| 134 | 2282612 | PIN-SPRING, 5/16", SS | 2 |
| 136 | 2283413 | SCREW, 3/8-16 SHCS, RIE | 3 |
| 138 | 2280800 | LINK, BOWGUARD MOUNT, LEFT | 1 |

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

▲ *Not shown on Parts Diagram.*



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| Item | Part # | Description | Quantity |
|---|---|---|---|
| 140 | 2287303 | BUSHING, UPPER PINS | 2 |
| 142 | 2283411 | SCREW, 1/4-20 X 1" FHS RIE TORX | 4 |
| 144 | 2880401 | PULL GRIP ASSEMBLY | 1 |
| 146 | 2261732 | WASHER | 2 |
| 148 | 2771601 | ROPE ASSEMBLY | 1 |
| 150 | 2281516 | SPACER, INNER ARM | 1 |
| 152 | 2281702 | WASHER, LOCK 1/4 | 1 |
| 154 | 2284212 | OUTER ARM, LONG, 62" | 1 |
| 156 | 2992322 | ROPE GUIDE ASSEMBLY | 1 |
| 158 | 2281530 | INSERT, THREADED | 1 |
| 160 | 2282608 | PIN, 7/16 X 5 5/32 | 1 |
| 162 | 2282602 | PIN, 3/8 X 3 3/4 | 1 |
| 164 | 2261505 | SPACER | 2 |
| 166 | 2263011 | E-RING, 3/8 SHAFT | 2 |
| 168 | 2223418 | SCREW, 1/4-20 X 1/2 BHCS | 1 |
| 170 | 2993821 | INNER ARM ASSEMBLY, LONG, 62" | 1 |
| 172 | 2042711 | SPRING, TORSION | 1 |
| 174 | 2283620 | LATCH, SAFETY | 1 |
| 176 | 2282611 | SPRING, SAFETY LATCH | 1 |
| 178 | 2281704 | WASHER 7/16 NYLON | 1 |
| 180 | 2280805 | LINK, BOWGUARD MOUNT, RIGHT | 1 |
| 182 | 2283410 | SCREW 1/4-20 X 1/2 PFH | 2 |
| 184 | 2288405 | GAS SPRING, 112#, LONG | 1 |
| 186 | 2281710 | SPACER, GAS SPRING | 2 |
| 188 | 2282610 | PIN, UPPER, SHOCK | 1 |
| 190 | 2280005 | BEARING, NYLINER 7/16" | 4 |
| 192 | 2282600 | PIN, 7/16 X 4 7/8 | 1 |
| 194 | 2281932 | BRACKET, REAR PIVOT | 2 |
| 196 | 2281501 | YOKE, SHOCK MOUNT | 1 |
| 198 | 2282606 | PIN, 7/16 X 4 1/2 | 1 |
| 200 | 2283402 | SCREW, SET, 6-32 X 1/4 | 2 |
| 202 | 2282604 | PIN, KNURLED 5/16 X 2 | 1 |
| 204 | 2283615 | LATCH BAR | 1 |
| 206 | 2283610 | BRACKET - LATCH/STRAP, ROPE PULL | 1 |
| 208 | 2287300 | BUSHING, REAR PIVOT | 2 |
| 210 | 2282602 | PIN, 3/8 X 3 3/4 | 1 |
| 212 | 2263011 | E-RING, 3/8 SHAFT | 2 |
| 214 | 2280008 | BEARING, IGLIDE | 2 |
| 216 | 2282720 | SPRING, EXTENSION | 2 |
| 218 | ✖ | LATCH STRAP ASSEMBLY, LONG | 1 |
| 220 | 2261732 | WASHER 8, NYLON | 2 |
| 222 | 2373450 | SCREW 8-18 X 3/8 | 2 |
| 224 | 2283948 | SIDEPLATE, LEFT, LONG, SW | 1 |

| Item | Part # | Description | Quantity |
|---|---|---|---|
| 226 | 2283943 | SIDEPLATE, RIGHT, LONG, SW | 1 |
| 228 | 2323403 | SCREW-1/4-20 X .375 MCH SS CRPH | 4 |
| 230 | 2073408 | SCREW 1/4-20 X 7/8 | 2 |
| 232 | 2286700 | PLUG, SPACER | 2 |
| 234 | 2283900 | RAMP, MOTOR | 1 |
| 236 | 2283631 | RAIL, MACH., MOTOR REST | 2 |
| 238 | 2286400 | COVER, RAIL, MOTOR REST (SUB) | 2 |
| 240 | 2281913 | BASE EXTRUSION, LONG, MACH | 1 |
| 242 | 2323405 | SCREW 1/4-20 X 1/2 | 8 |
| 244 | 2263806 | STRAP HOLD DOWN | 1 |
| 246 | 2341160 | PROPELLER WW2 | 1 |
| 248 | 2262658 | DRIVE PIN, LARGE 1" X 3/16" SS | 1 |
| 250 | 2091701 | WASHER, PROP, LARGE | 1 |
| 252 | 2198401 | NUT, NYLOCK, PROP, ANODE | 1 |
| 254 | 2093101 | NUT-PROP, NYLOC, LG 31855 | 1 |
| 256 | 2305415 | SHRINK TUBE .412 X 2.25" | 1 |
| 258 | 2305410 | SHRINK TUBE .315 X 2.25" | 1 |
| 260 | 2305403 | SHRINK TUBE .500 X 1.0" | 4 |
| 262 | ✖ | BRACKET LATCH | 1 |
| 264 | ✖ | RIVET, SHLDR 5/16" X .159 SS | 2 |
| 266 | ✖ | BEARING, NYLINER 5/16" | 2 |
| 270 | 2151700 | WASHER-EYE SHAFT SS | 1 |
| 272 | 2263468 | SCREW-1/4-20 X 2.5" S/S PPH | 6 |
| 274 | 2263103 | NUT-1/4-20 NYLOCK SS | 6 |
| 276 | 2261713 | WASHER-1/4 FLAT 18-8 SS | 6 |
| 278 | 2287101 ▲ | MANUAL, RT FORTREX (RT/SF) | 1 |
| 280 | 2284914 ▲ | PARTS LIST, RT 112/SF 62" | 1 |
| 282 | 2265100 | BUMPER (CRUTCH TIP) | 1 |
| 284 | 2263624 | ANODIZED ALUMINUM 3/4" ROD, 22" | 1 |
| 286 | 2263107 | HEX NUT 3/4-10 NYLON | 1 |
| 288 | 2281929 | STABILIZER ARM BRACKET | 1 |
| 290 | 2260221 | VINYL CAP | 1 |
| 292 | 2223100 | NYLOCK STAINLESS STEEL NUT | 2 |
| 294 | 2263422 | SCREW - 5/16-18 X 1" | 2 |

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

▲ *Not shown on Parts Diagram.*

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