

# PARTS DIAGRAM

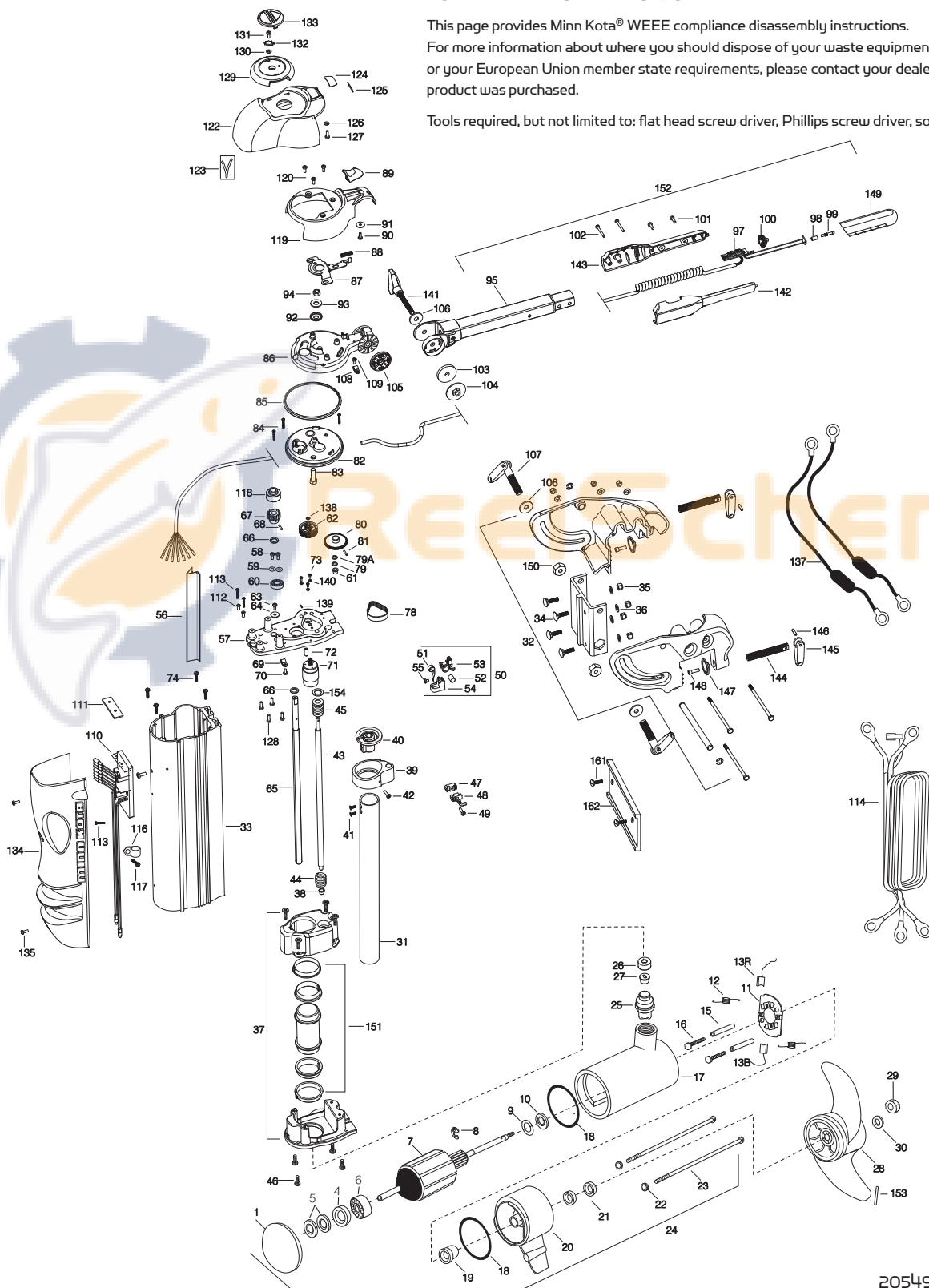
## VANTAGE 80 80 LBS THRUST - 24 VOLT

## VANTAGE 101 101 LBS THRUST - 36 VOLT

This page 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 screw driver, Phillips screw driver, socket set, pliers, wire cutters.



# PARTS LIST

## VANTAGE 80/101

### 80/101 LBS THRUST - 24/36 VOLT

| ITEM | QTY | PART NUMBER | DESCRIPTION                      |
|------|-----|-------------|----------------------------------|
| 1    | 1   | 421-276     | PLAIN END HOUSING ASSY           |
| 4    | 1   | 990-045     | THRUST SPACER                    |
| 5    | 2   | 992-010     | SPRING WASHER                    |
| 6    | 1   | 140-010     | BALL BEARING                     |
| 7    | 1   | 2-100-214   | ARMATURE ASSEMBLY 80             |
|      | 1   | 2-100-216   | ARMATURE ASSEMBLY 101            |
| 8    | 1   | 788-040     | RETAINING RING                   |
| 9    | 1   | 990-051     | WASHER-THRUST, STEEL             |
| 10   | 1   | 990-052     | WASHER- NYLATRON                 |
| ■    | 1   | 2-600-144   | BRUSH/WIRE/PLATE ASSEMBLY(11-13) |
| *11  | 1   | 738-004     | BRUSH PLATE                      |
| *12  | 2   | 975-041     | SPRING -TORSION                  |
| 13   | 2   | 188-094     | BRUSH                            |
| 15   | 2   | 973-025     | SPACER -BRUSH PLATE              |
| 16   | 2   | 830-027     | SCREW - 10-32 X 2.2"             |
| 17   | 1   | 2-200-160   | CENTER HSING ASSY 80             |
|      | 1   | 2-200-110   | CENTER HSING ASSY 101            |
| *18  | 2   | 701-043     | O-RING                           |
| 19   | 1   | 144-017     | BEARING -FLANGE                  |
| 20   | 1   | 2-300-160   | BRUSH END HOUSING ASSY           |
| *21  | 2   | 880-025     | SEAL                             |
| *22  | 2   | 701-009     | O-RING -THRU BOLT                |
| ■    | 1   | 2889460     | SEAL & ORING KIT(18, 21, & 22)   |
| 23   | 2   | 830-094     | THRU BOLT 80                     |
|      | 2   | 830-096     | THRU BOLT 101                    |
| 24   | 1   | 2316271     | MOTOR ASSEMBLY 80                |
|      | 1   | 2316261     | MOTOR ASSEMBLY 101               |
| 25   | 1   | 979-015     | STRAIN RELIEF - BODY             |
| 26   | 1   | 9950339     | CAP - STRAIN RELIEF              |
| 27   | 1   | 2382900     | GROMMENT- STRAIN RELIEF          |
| 28   | 1   | 2331160     | PROPELLER (W.WEDGE 2)            |
| 29   | 1   | 2093101     | NUT-PROP NYLOC (LARGE)           |
| 30   | 1   | 2091701     | WASHER-PROP (LARGE)              |
| 31   | 1   | 2772010     | TUBE-MOTOR 1 3/4" KIT W/TEMPLATE |
| 32   | 1   | 2991822     | TRANSOM BRCKT ASSY               |
| 33   | 1   | 2056505     | HOUSING EXTRUSION                |
| 34   | 4   | 2053511     | BOLT-CARRIAGE 5/16-18 1"         |
| 35   | 4   | 2151726     | WASHER-5/16 STD (5/5)            |
| 36   | 4   | 2053103     | NUT, 5/16-18 NYLOC               |
| 37   | 1   | 2770420     | LOWER SUPPORT CAGE ASSEMBLY      |
| 38   | 1   | 2057302     | BEARING-UPPER, LIFT SCREW        |
| ■    | 1   | 2881510     | YOKE/BEARING RACE KIT (39,40,42) |
| *39  | 1   | 2051510     | YOKE-LIFT SCREW                  |
| *40  | 1   | 2056200     | BEARING RACE-YOKE                |

| ITEM | QTY | PART NUMBER | DESCRIPTION                                   |
|------|-----|-------------|-----------------------------------------------|
| 41   | 2   | 2053401     | SCREW-10 X 1/2,TYPE 25                        |
| *42  | 1   | 2353401     | SCREW-10-16 X 1/2 STALGD                      |
| 43   | 1   | 2053400     | SCREW-LIFT, 1/2-10 ACME                       |
| 44   | 1   | 2052707     | SPRING-COIL,SOFT STOP                         |
| 45   | 1   | 2770429     | COIL SPRING/WASHER KIT                        |
| 46   | 4   | 2053413     | SCREW-10-16X1'                                |
| N    | 1   | 2883200     | WIRE CLAMP KIT (47,48,49)                     |
| *47  | 1   | 2053200     | WIRE CLAMP, LEFTHAND                          |
| *48  | 1   | 2053205     | WIRE CLAMP, RIGHTHAND                         |
| *49  | 1   | 2053417     | SCREW-10-16X3/4                               |
| 50   | 1   | 2770400     | TAPE SPRING ASSY (51-55)                      |
| 51   | 1   | 2052705     | SPRING, CONSTANT FORCE                        |
| 52   | 1   | 2052610     | PIN-PIVOT 7/16" O.D.                          |
| 53   | 1   | 2051920     | BRACKET-SPRING                                |
| 54   | 1   | 2052305     | WIRE GUIDE                                    |
| 55   | 1   | 2053418     | SCREW-#4-40X1/4                               |
| 56   | 1   | 2050225     | WIRE SHIELD                                   |
| ■    | 1   | 2770405     | TOP PLATE ASSEMBLY (57,60,61,68)              |
| *57  | 1   | 2051927     | TOP PLATE                                     |
| 58   | 2   | 2053414     | SCREW-#8-32 X 1/2                             |
| 59   | 2   | 2051717     | WASHER-#8 SAE FLAT                            |
| *60  | 1   | 2057306     | BEARING-BALL                                  |
| *61  | 1   | 2057302     | BEARING-UPPER LIFT SCREW                      |
| *62  | 1   | 2052630     | PIN, CLUSTER GEAR                             |
| 63   | 1   | 2053415     | SCREW-#8-32 X 3/8                             |
| 64   | 1   | 2051716     | WASHER-FENDER #10                             |
| 65   | 1   | 2052001     | SHAFT-STEERING                                |
| 66   | 2   | 2051706     | WASHER-SPRING SUPPORT                         |
| 67   | 1   | 2052205     | GEAR, STEERING TUBE MACHINED                  |
| *68  | 1   | 2052616     | PIN-DRIV-LOK 1/8 X 1 1/8                      |
| 69   | 1   | 2052510     | CABLE CLAMP, 3/16'                            |
| 70   | 1   | 2053415     | SCREW-#8-32 X 3/8                             |
| 71   | 1   | 2777812     | MOTOR-LIFT (12,24,36V)                        |
| 72   | 1   | 2058411     | TENSIONER-BELT                                |
| 73   | 3   | 2053422     | SCREW - 3MM                                   |
| 74   | 4   | 2053413     | SCREW-10-16X1                                 |
| ■    | 1   | 2882201     | CLUSTER GEAR / FLANGE PULLEY KIT (75, 76, 77) |
| *75  | 1   | 2770427     | PULLEY/PINION GEAR ASSY                       |
| *76  | 1   | 2058405     | FLANGE-PULLEY                                 |
| *77  | 2   | 2053418     | SCREW 4-40 X 1/4 PPH                          |
| 78   | 1   | 2050800     | BELT-DRIVE                                    |
| 79   | 1   | 2051705     | WASHER-NYLON                                  |
| 79A  | 1   | 2051703     | WASHER-THRUST                                 |
| ■    | 1   | 2882200     | GEAR LIFT/PIN KIT (80,62)                     |

# PARTS LIST

## VANTAGE 80/101

80/101 LBS THRUST - 24/36 VOLT

| ITEM | QTY | PART NUMBER | DESCRIPTION                                 |
|------|-----|-------------|---------------------------------------------|
| *80  | 1   | 2990426     | LIFT GEAR ASSEMBLY                          |
| 81   | 1   | 2052620     | PIN-DRIV-LOK 1/8 X 5/8"                     |
| 82   | 1   | 2056520     | CAP-LOWER, GEAR HOUSING                     |
| 83   | 1   | 2383500     | BOLT-3/8-16 X 1.25                          |
| 84   | 3   | 2053402     | SCREW-10-24 X 1"                            |
| 85   | 1   | 2054600     | O-RING, GEAR HOUSING                        |
| 86   | 1   | 2056510     | UPPER CAP GEAR HOUSING                      |
| 87   | 1   | 2057200     | LATCH                                       |
| 88   | 1   | 2052711     | SPRING, LATCH RETURN                        |
| 89   | 1   | 2050102     | KNOB-LATCH                                  |
| 90   | 1   | 2353401     | SCREW-10-16 X 1/2 STALGD                    |
| 91   | 1   | 2051716     | WASHER-FENDER #10                           |
| 92   | 1   | 2151730     | WASHER-CUP (HINGE BRACKET)                  |
| 93   | 1   | 2051737     | WASHER - FLAT (ZINC)                        |
| 94   | 1   | 2053107     | NUT-3/8-16, TOPLOCK                         |
| 96   | 1   | 2990921     | HANDLE ASSEMBLY                             |
| ■    | 1   | 2884106     | HANDLE CTRL BOARD/GRIP KIT (97,149)         |
| *97  | 1   | 2994005     | CTRL BOARD ASSY-HANDLE                      |
| 98   | 1   | 2055115     | BUTTON SWITCH ACTUATOR                      |
| ■    | 1   | 2883701     | PLUNGER/GRIP KIT (99,149)                   |
| *99  | 1   | 2053700     | PLUNGER, ON/OFF                             |
| 100  | 1   | 2050111     | KNOB-SPEED CONTROL                          |
| 101  | 2   | 2012100     | SCREW-8-18 X 5/8" THD CUT                   |
| 102  | 2   | 2053412     | SCREW 8 X 1.5"                              |
| ■    | 1   | 2880921     | HANDLE TENSION KNOB KIT (103-105, 141)      |
| *103 | 1   | 2051736     | WASHER-URETHANE                             |
| *104 | 1   | 2053115     | NUT-WASHER, HANDLE ASSY                     |
| *105 | 1   | 2050015     | RACHET-DISK, HANDLE ASSY                    |
| ■    | 1   | 2880920     | BRACKET TENSION HANDLE KIT (106, 107, 150)  |
| *106 | 1   | 2051737     | WASHER-FLAT                                 |
| *107 | 2   | 2050922     | HANDLE, TENSION, SHORT                      |
| 108  | 1   | 2052510     | CABLE CLAMP, 3/16"                          |
| 109  | 1   | 2053415     | SCREW-#8-32 X 3/8"                          |
| *110 | 1   | 2774041     | CNTRL BRD ASSY 24/36V W/PAD INCL.111        |
| *111 | 1   | 2315105     | INSULATING PAD                              |
| 112  | 2   | 2261712     | SHOULDER WASHER                             |
| 113  | 3   | 2053407     | SCREW-#8-32 X .75 PPH                       |
| 114  | 1   | 2051220     | LEADWIRE, 24/36V CONDUCT                    |
| 116  | 1   | 2052512     | CABLE CLAMP, 1/2"                           |
| 117  | 1   | 2053415     | SCREW-#8-32 X 3/8"                          |
| 118  | 1   | 2052210     | ROLLER-STEERING SHAFT                       |
| ■    | 1   | 2880102     | CONTROL HEAD COVER LATCH KIT (89,90,91,119) |
| 119  | 1   | 2050200     | COVER-CONTROL HEAD                          |
| 120  | 3   | 2053415     | SCREW-#8-32 X 3/8"                          |

| ITEM | QTY | PART NUMBER | DESCRIPTION                                 |
|------|-----|-------------|---------------------------------------------|
| 121  | 2   | 2012100     | SCREW-8-18 X 5/8"                           |
| 122  | 1   | 2050211     | SHROUD-CONTROL HEAD                         |
| 123  | 2   | 2055612     | DECAL-SHROUD                                |
| 124  | 1   | 2055604     | DECAL-COVER, 24V                            |
|      | 1   | 2055602     | DECAL-COVER, 36V                            |
| 125  | 1   | 2055610     | DECAL-COVER, LED                            |
| 126  | 1   | 2051712     | WASHER- .152 ID, .50 OD, .06                |
| 127  | 1   | 2302100     | SCREW-6-20 X 1/2"                           |
| 128  | 4   | 2012100     | SCREW-8-18 X 5/8"                           |
| 129  | 1   | 2050110     | KNOB-POINTER, VANTAGE                       |
| 130  | 1   | 2051717     | WASHER- #8                                  |
| 131  | 1   | 2332101     | SCREW-8-32 X 1/2" SS                        |
| 132  | 1   | 2371715     | LOCKWASHER-STAR #8 ZINC                     |
| 133  | 1   | 2056700     | PLUG, POINTER                               |
| 134  | 1   | 2050220     | SHIELD-EXTRUSION                            |
| 135  | 2   | 2053414     | SCREW-#8-32 X 1/2"                          |
| 136  | 2   | 2055611     | DECAL-SHIELD - VANTAGE                      |
| 137  | 2   | 2998200     | CIRCUIT BRKR ASSEMBLY 36V                   |
| 138  | 1   | 2051732     | WASHER .315 X .562                          |
| 139  | 1   | 2053420     | SET SCREW #8-32                             |
| 140  | 3   | 2051710     | LOCKWASHER 3MM                              |
| 141  | 1   | 2050921     | HANDLE TENSION - LONG                       |
| ■    | 1   | 2880910     | HANDLE L/R KIT (100,101,102,142,143,150)    |
| *142 | 1   | 2050916     | HANDLE SIDE L                               |
| *143 | 1   | 2050911     | HANDLE SIDE R                               |
| ■    | 2   | 2880925     | HANDLE/CLAMP SCREW KIT (144-148)            |
| *144 | 1   | 2051300     | SCREW-CLAMP 5/8X4                           |
| *145 | 1   | 2050925     | HANDLE-CLAMP SCREW                          |
| *146 | 1   | 2052625     | PIN-COILED SPRING                           |
| *147 | 1   | 2011710     | WASHER-CLAMP SCREW                          |
| *148 | 1   | 2263402     | SCREW- 1/4-20X3/4"                          |
| 149  | 1   | 2880424     | GRIP KIT                                    |
| *150 | 1   | 2053105     | NUT- HEX                                    |
| 151  | 1   | 2881500     | TUBE/SLEEVE/BUSHING KIT                     |
| 152  | 1   | 2990950     | HANDLE/CTRL BOARD ASSY                      |
| 153  | 1   | 2262658     | PROP PIN                                    |
| 154  | 2   | 2340610     | CONNECTOR CABLE                             |
| ■    | 1   | 2994844     | TRANSOM EXTRUSION KIT (161, 162) - 101 ONLY |
| 161  | 2   | 2053421     | BOLT - 1/4-1/4X1 - 101 ONLY                 |
| 162  | 1   | 2058415     | TRANSOM EXTRUSION KIT - 101 ONLY            |

■ THIS ITEM IS PART OF AN ASSEMBLY.

\*THIS ITEM IS PART OF A KIT AND ONLY LISTED FOR VIEWING PURPOSES.