

**MAXXUM<sup>®</sup>**  
BOW-MOUNT TROLLING MOTOR  
USER MANUAL

## CE MASTER USER MANUAL (FOR CE CERTIFIED MODELS)

### THANK YOU

Thank you for choosing Minn Kota. We believe that you should spend more time fishing and less time positioning your boat. That's why we build the smartest, toughest, most intuitive trolling motors on the water. Every aspect of a Minn Kota trolling motor is thought out and rethought until it's good enough to bear our name. Countless hours of research and testing provide you the Minn Kota advantage that can truly take you "Anywhere. Anytime." We don't believe in shortcuts. We are Minn Kota. And we are never done helping you catch more fish.

#### REMEMBER TO KEEP YOUR RECEIPT AND IMMEDIATELY REGISTER YOUR TROLLING MOTOR.

**NOTE:** Do not return your Minn Kota motor to your retailer. Your retailer is not authorized to repair or replace this unit. You may obtain service by: calling Minn Kota; returning your motor to the Minn Kota Factory Service Center; sending or taking your motor to any Minn Kota authorized service center. A list of authorized service centers is available on our website. Please include proof of purchase, serial number and purchase date for warranty service with any of the above options.

**Please thoroughly read this user manual.** Follow all instructions and heed all safety and cautionary notices below. Use of this motor is only permitted for persons that have read and understood these user instructions. Minors may use this motor only under adult supervision.

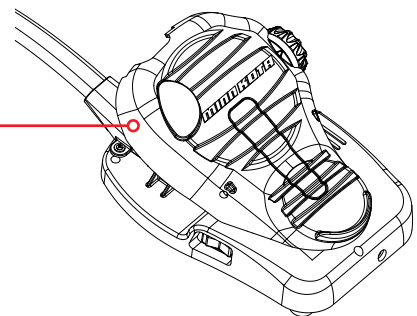
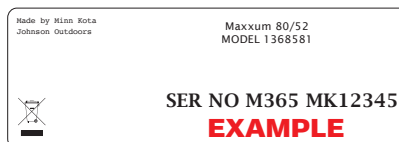
**ATTENTION:** Never run the motor out of the water, as this may result in injuries from the rotating propeller. The motor should be disconnected from the power source when it is not in use or is off the water. When connecting the power-supply cables of the motor to the battery, ensure that they are not kinked or subject to chafe and route them in such a way that persons cannot trip over them. Before using the motor make sure that the insulation of the power cables is not damaged. Disregarding these safety precautions may result in electric shorts of battery(s) and/or motor. Always disconnect motor from battery(s) before cleaning or checking the propeller. Avoid submerging the complete motor as water may enter the lower unit through control head and shaft. If the motor is used while water is present in the lower unit considerable damage to the motor can occur. This damage will not be covered by warranty.

**CAUTION:** Take care that neither you nor other persons approach the turning propeller too closely, neither with body parts nor with objects. The motor is powerful and may endanger or injure you or others. While the motor is running watch out for persons swimming and for floating objects. Persons whose ability to run the motor or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this motor. This motor is not suitable for use in strong currents. The constant noise pressure level of the motor during use is less than 70dB(A). The overall vibration level does not exceed 2,5m/sec<sup>2</sup>.

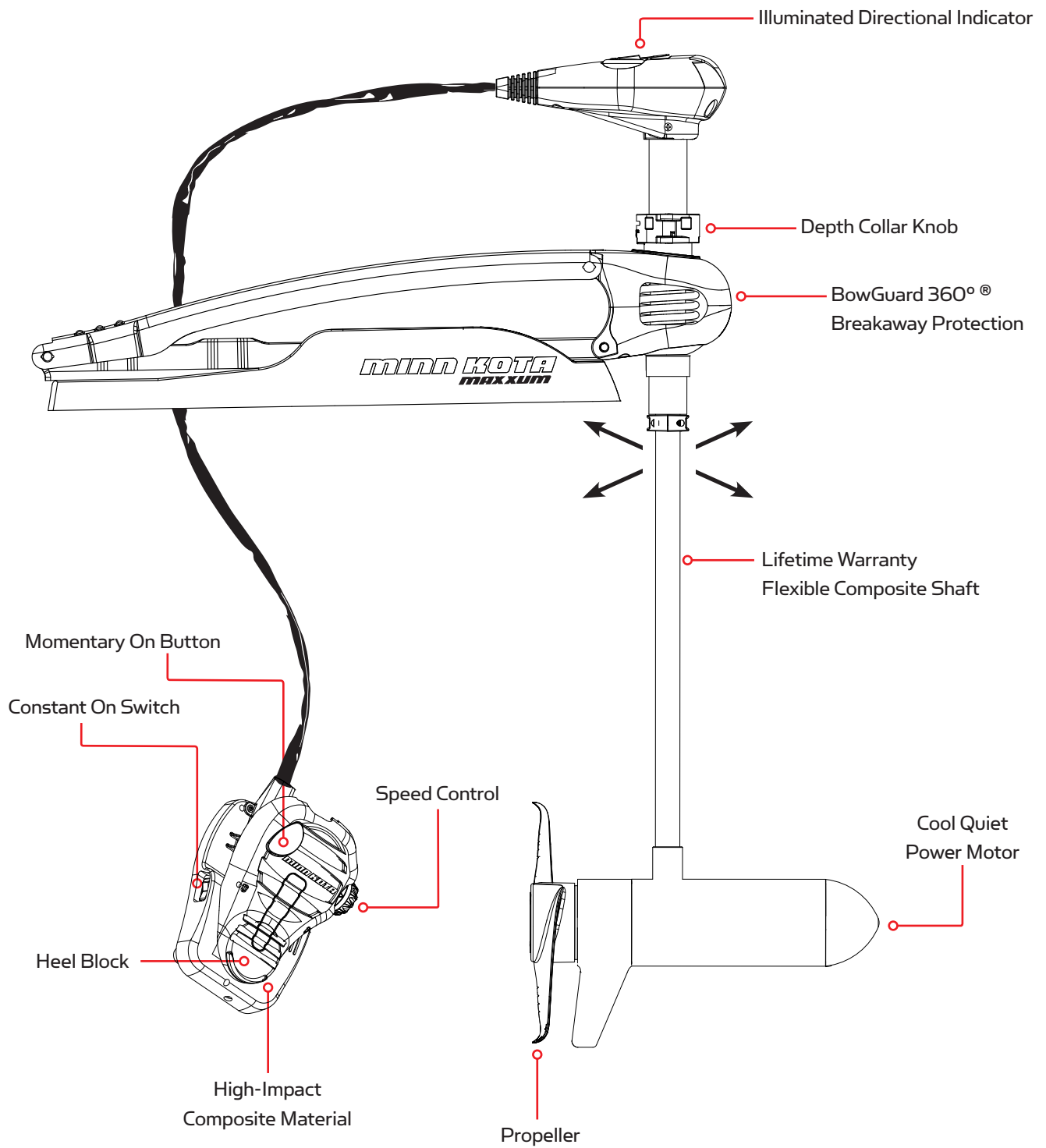
#### LOCATING YOUR SERIAL NUMBER

Your Minn Kota 11-character serial number is very important. It helps to determine the specific model and year of manufacture. When contacting Consumer Service or registering your product, you will need to know your product's serial number. We recommend that you write the serial number down in the space provided below so that you have it available for future reference.

**The serial number on your Maxxum is located near the momentary switch underneath the side of the foot pedal.**



# FEATURES



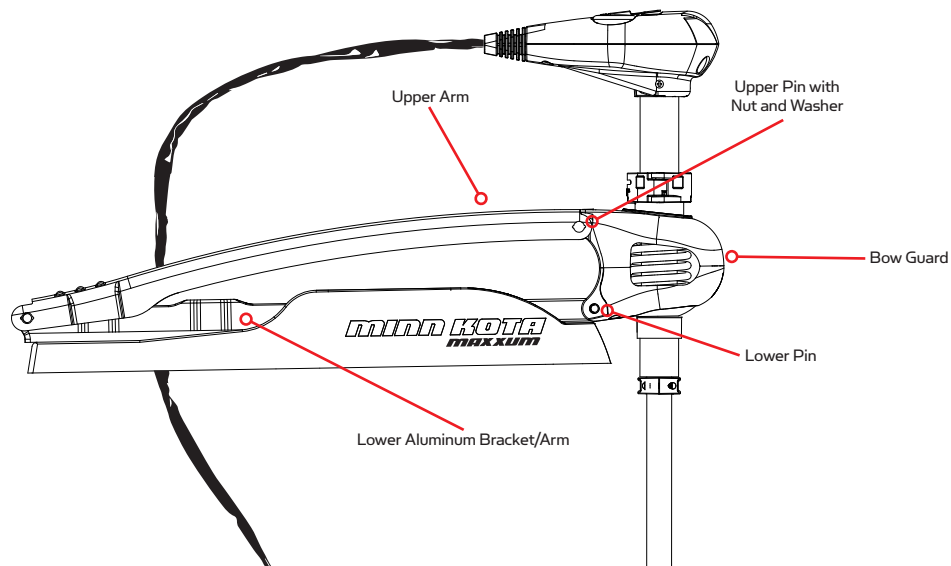
Specifications subject to change without notice.

This diagram is for reference only and may differ from your actual motor.

# MOUNT INSTALLATION

## TOOLS AND RESOURCES REQUIRED:

- (2) 1/2" Wrenches
- Standard or Needle Nose Pliers
- A second person to help with the installation

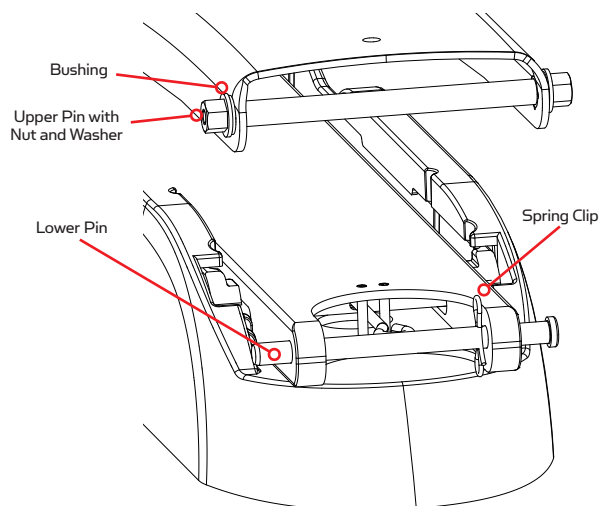


## INSTALLATION OF MOTOR TO MOUNT

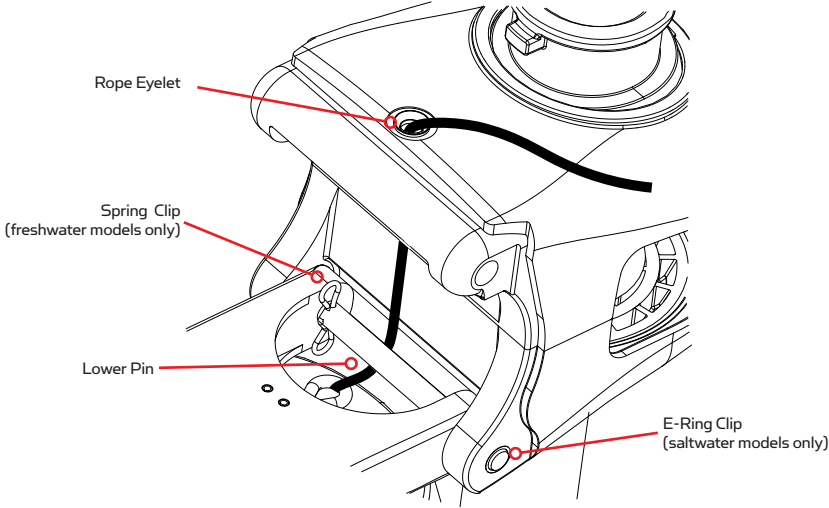
1. With mount closed as shown below, use two 1/2" wrenches to remove one of the two nylock nuts and washers from the upper pin and remove pin from mount.

**NOTE:** The two bushings in the upper arm may come out. If so, keep them for re-assembly.

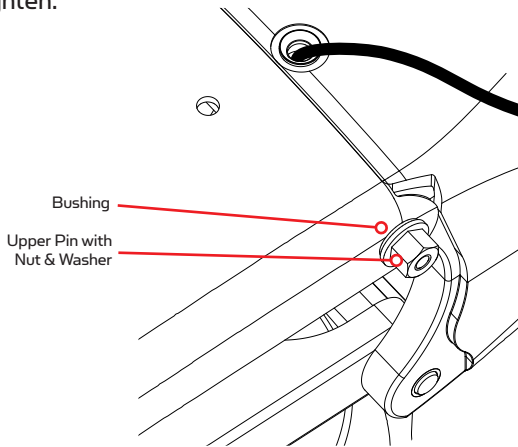
2. Using a pair of pliers, remove the spring clip on freshwater models (or the E-clip on saltwater models) from the lower pin and remove lower pin from mount.



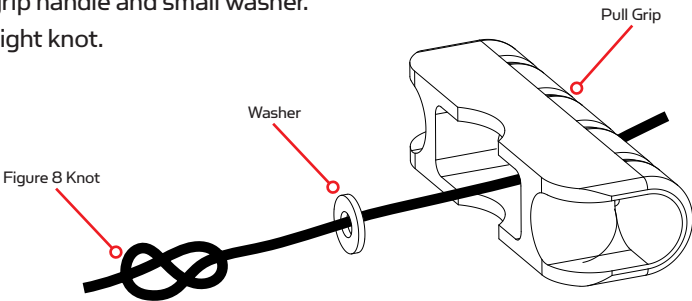
- 3. Open upper arm, rotate and lay over out of the way for lower arm assembly.
- 4. Align the lower arm and the lower bow guard ears and insert lower pin.
- 5. Re-install spring clip into lower pin for freshwater models or (E-clip for saltwater motors).
- 6. Route rope underneath lower pin and through eyelet in bowguard.



- 7. Rotate upper arm back over to bowguard.
- 8. Align the upper arm holes with upper bow guard ears and install upper pin.  
NOTE: The two bushings in the upper arm may come out. Re-assemble them into the upper arm making sure the “keys” of the inserts are aligned with the “key” punchouts in upper arm.
- 9. Re-install washer and locknut and tighten.



- 10. Route rope through pull grip handle and small washer.  
Secure by tying a figure eight knot.



# MOUNT INSTALLATION

## INSTALLATION OF THE BOW-MOUNT

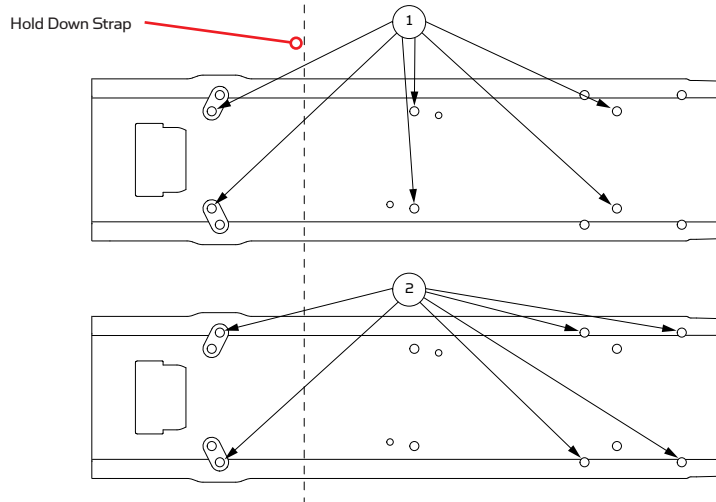
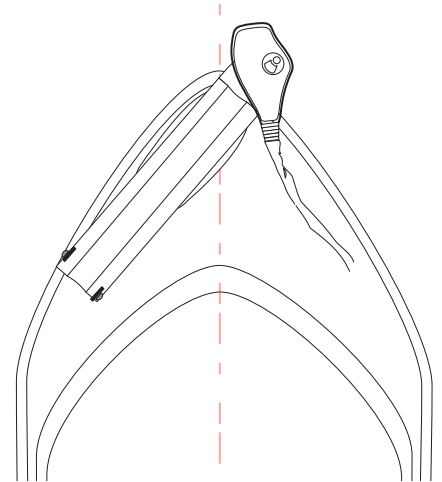
We recommend that you have another person help with this procedure.

1. For installation, **DO NOT REMOVE THE SHAFT/MOTOR FROM THE BOWGUARD. The Bowguard spring is under tension and must always remain secured.** Latch and Door models can be removed from the mount if needed.
2. Place the mount, with the motor in the fully stowed (flat) position, on the deck of the boat:

- The motor should be mounted as close to the centerline of the boat as possible when it is deployed (see illustration).
- Make sure bow area under the chosen location is clear and unobstructed for drilling.
- Make sure the motor rest is positioned far enough beyond the edge of the boat. The motor, as it is lowered into the water or raised into the boat, must not encounter any obstructions

3. Once in position, determine which bolt pattern to use (see below), mark at least 4 of the holes (2 on each side) in the bow plate and drill through with a 9/32" drill bit. Either pattern may be used when installing the motor.

- Pattern 1: Minn Kota 3" bolt pattern standard motors.
- Pattern 2: Alternate 4" bolt pattern commonly used.



4. Install hold down strap between the motor and deck of boat between second and third set of mounting holes.
5. Mount the plate to the bow through the drilled holes using the provided (1/4-20 x 3-1/2") bolts, nuts and washers. **NOTE:** If possible, secure all sets of mounting bolts, nuts and washers.
6. Install the bow mount stabilizer (if included). See next section for installation instructions.

**INSTALLING THE BOWMOUNT STABILIZER KIT**

Tools Needed:

- Hand Saw
- 3/8" Nut Driver
- File or Sandpaper

1. Place the motor in the stowed position.
2. Measure from the screw hole in the upper arm to the boat deck or gunwale. Add 3/4" to the total to get the correct support shaft length (image 1).
3. Trim the bottom of the support shaft with a hand saw to the correct length. Round the cut edge with a file or sandpaper. Attach the rubber bumper.
4. Secure the support shaft to the bowmount with the 1/4" hex head screw with a lock washer on top and one on bottom of the bowmount arm (image 2).

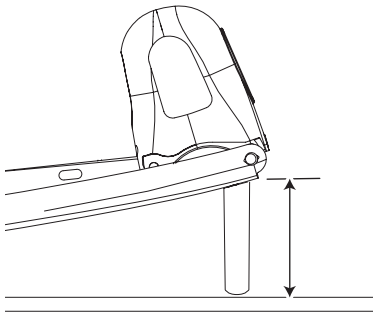


Image 1

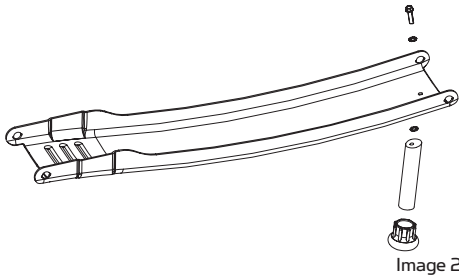


Image 2

5. Verify that the motor locks into the stowed position when retracted. The stabilizer should support the bowmount to prevent bouncing yet not interfere with the locking system (image 3). Adjust the stabilizer length as needed.

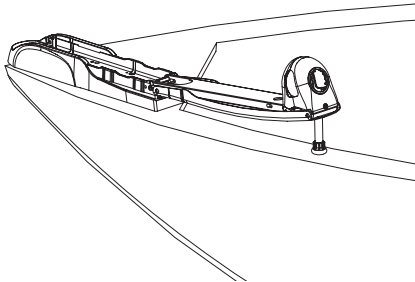


Image 3

**INSTALLATION OF THE HOLD DOWN STRAP**

(Not included on all models)

1. Before mounting the trolling motor place the Hold Down Strap under the bowmount between the mounting holes near the back of the motor rest with the hook and loop side of the strap facing down (image 4).
2. Secure the bowmount with the mounting bolts to capture the strap.
3. To stow the motor, pull the strap through the rectangular ring until snug. Press the hook pad of the strap, into the loop pad and secure (image 5). This should be used whenever the motor is stowed.

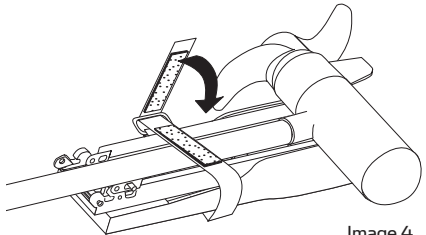


Image 4

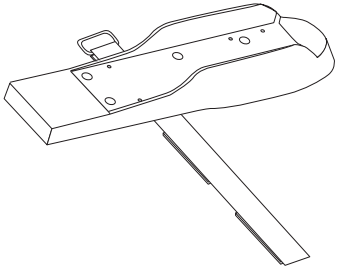


Image 5

# BATTERY WIRING & INSTALLATION

## BOAT RIGGING & PRODUCT INSTALLATION

For safety and compliance reasons, we recommend that you follow American Boat and Yacht Council (ABYC) standards when rigging your boat. Altering boat wiring should be completed by a qualified marine technician. The following specifications are for general guidelines only:

**CAUTION:** These guidelines apply to general rigging to support your Minn Kota motor. Powering multiple motors or additional electrical devices from the same power circuit may impact the recommended conductor gauge and circuit breaker size. If you are using wire longer than that provided with your unit, follow the conductor gauge and circuit breaker sizing table below. If your wire extension length is more than 25 feet, we recommend that you contact a qualified marine technician.

**An over-current protection device (circuit breaker or fuse) must be used.** Coast Guard requirements dictate that each ungrounded current-carrying conductor must be protected by a manually reset, trip-free circuit breaker or fuse. The type (voltage and current rating) of the fuse or circuit breaker must be sized accordingly to the trolling motor used. The table below gives recommended guidelines for circuit breaker sizing.

### Reference:

United States Code of Federal Regulations: 33 CFR 183 – Boats and Associated Equipment

ABYC E-11: AC and DC Electrical Systems on Boats

## CONDUCTOR GAUGE AND CIRCUIT BREAKER SIZING TABLE

Motor Thrust / Model	Max Amp Draw	Circuit Breaker	Wire Extension Length *				
			5 feet	10 feet	15 feet	20 feet	25 feet
30 lb.	30	50 Amp @ 12 VDC	10 AWG	10 AWG	8 AWG	6 AWG	4 AWG
40 lb., 45 lb.	42		10 AWG	8 AWG	6 AWG	4 AWG	4 AWG
50 lb., 55 lb.	50	60 Amp @ 12 VDC	8 AWG	6 AWG	4 AWG	4 AWG	2 AWG
70 lb.	42	50 Amp @ 24 VDC	10 AWG	10 AWG	8 AWG	8 AWG	6 AWG
80 lb.	56	60 Amp @ 24 VDC	8 AWG	8 AWG	8 AWG	6 AWG	6 AWG
101 lb.	46	50 Amp @ 36 VDC	8 AWG	8 AWG	8 AWG	8 AWG	8 AWG
Engine Mount 101	50	60 Amp @ 36 VDC	8 AWG	6 AWG	4 AWG	4 AWG	2 AWG
112 lb.	52	60 Amp @ 36 VDC	8 AWG	8 AWG	8 AWG	8 AWG	8 AWG
Engine Mount 160	116	(2) x 60 Amp @ 24 VDC	2 AWG	2 AWG	2 AWG	2 AWG	2 AWG
E-Drive	40	50 Amp @ 48 VDC	10 AWG	10 AWG	10 AWG	10 AWG	10 AWG

**This conductor and circuit breaker sizing table is only valid for the following assumptions:**

1. No more than 3 conductors are bundled together inside of a sheath or conduit outside of engine spaces.
2. Each conductor has 105° C temp rated insulation.
3. No more than 5% voltage drop allowed at full motor power based on published product power requirements.

**\*Wire Extension Length refers to the distance from the batteries to the trolling motor leads.**



## SELECTING THE CORRECT BATTERIES

The motor will operate with any lead acid, deep cycle marine 12 volt battery/batteries. For best results, use a deep cycle, marine battery with at least a 105 ampere hour rating. Maintain battery at full charge. Proper care will ensure having battery power when you need it, and will significantly improve the battery life. Failure to recharge lead-acid batteries (within 12-24 hours) is the leading cause of premature battery failure. Use a multi-stage charger to avoid overcharging. We offer a wide selection of chargers to fit your charging needs. If you are using a crank battery to start a gasoline outboard, we recommend that you use a separate deep cycle marine battery/batteries for your Minn Kota trolling motor.

### Advice Regarding Batteries:

- Never connect the (+) and the (-) terminals of the same battery together. Take care that no metal object can fall onto the battery and short the terminals. This would immediately lead to a short and extreme fire danger.
- It is highly recommended that a circuit breaker or fuse be used with this trolling motor. Refer to “Conductor Gauge and Circuit Breaker Sizing Table” in the previous section to find the appropriate circuit breaker or fuse for your motor. For motors requiring a 60-amp breaker, the Minn Kota MKR-19 60-amp circuit breaker is recommended.

## CONNECTING THE BATTERIES

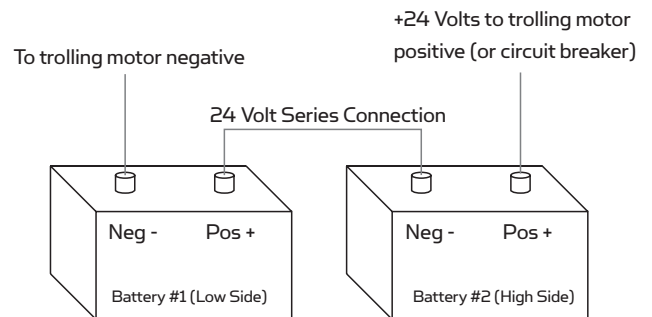
### 12 VOLT SYSTEMS:

1. Make sure that the motor is switched off (speed selector on “OFF” or “O”).
2. Connect positive (+) red lead to positive (+) battery terminal.
3. Connect negative (-) black lead to negative (-) battery terminal.
4. For safety reasons do not switch the motor on until the propeller is in the water.

## CONNECTING THE BATTERIES IN SERIES (IF REQUIRED FOR YOUR MOTOR)

### 24 VOLT SYSTEMS:

1. Make sure that the motor is switched off (speed selector on “O”).
2. Two 12 volt batteries are required.
3. The batteries must be wired in series, only as directed in wiring diagram, to provide 24 volts.
  - a. Connect a connector cable to the positive (+) terminal of battery 1 and to the negative (-) terminal of battery 2.
  - b. Connect positive (+) red motor lead to positive (+) terminal on battery 2.
  - c. Connect negative (-) black motor lead to negative (-) terminal of battery 1.
4. For safety reasons do not switch the motor on until the propeller is in the water. If installing a leadwire plug, observe proper polarity and follow instructions in your boat owner’s manual. See wiring diagram on following pages.



**Two 12-volt batteries connected in series for 24 volts**

### CAUTION

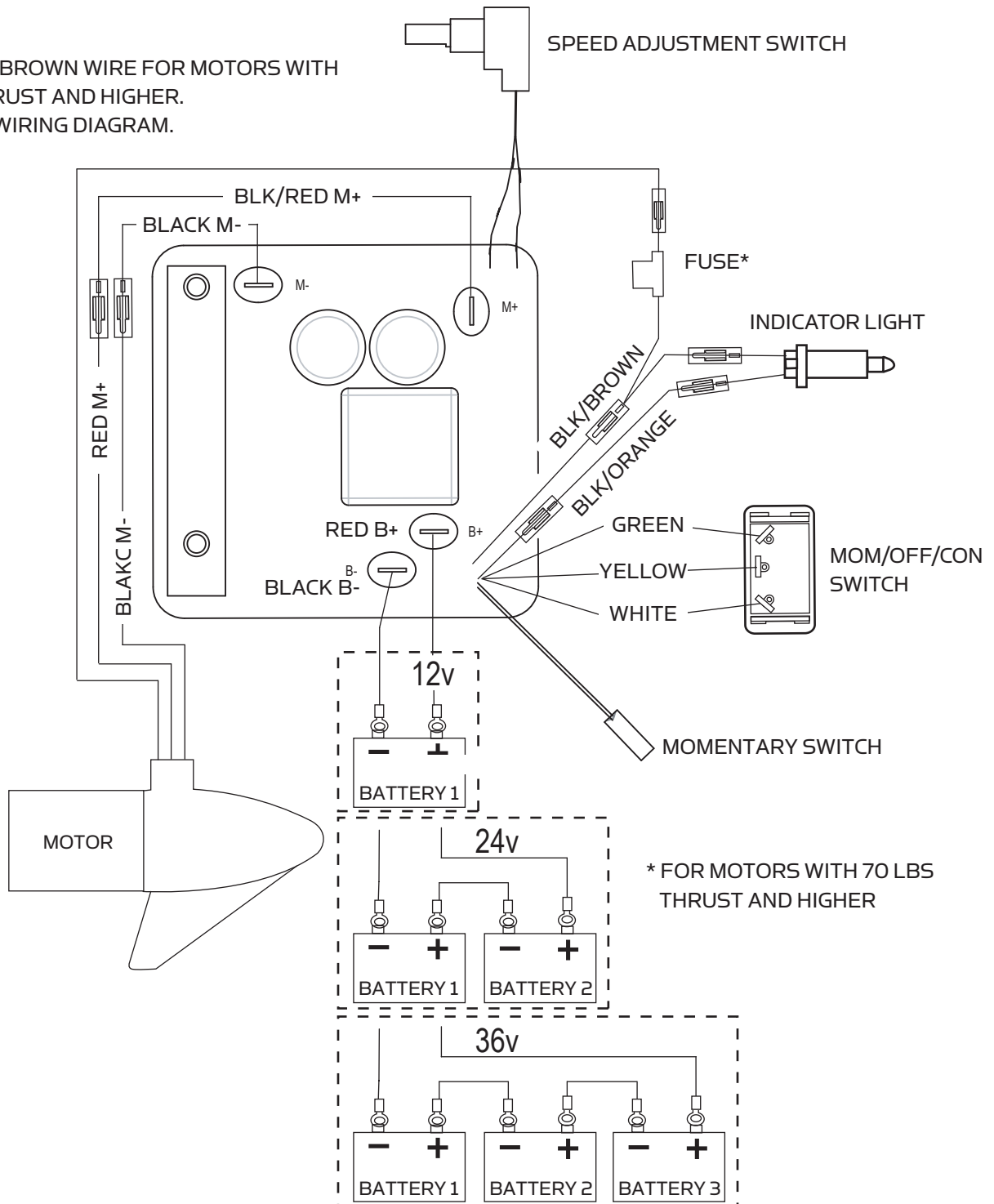
- **For safety reasons, disconnect the motor from the battery or batteries when the motor is not in use or while the battery/batteries are being charged.**
- **Improper wiring of 24/36 volt systems could cause battery explosion!**
- **Keep leadwire wing nut connections tight and solid to battery terminals.**
- **Locate battery in a ventilated compartment.**

# MOTOR WIRING DIAGRAM

**NOTE:** This is a universal, multi-voltage diagram. Double-check your motor's voltage for proper connections. Over-Current Protection Devices not shown in this illustration.

## VARIABLE SPEED CONTROL BOARD

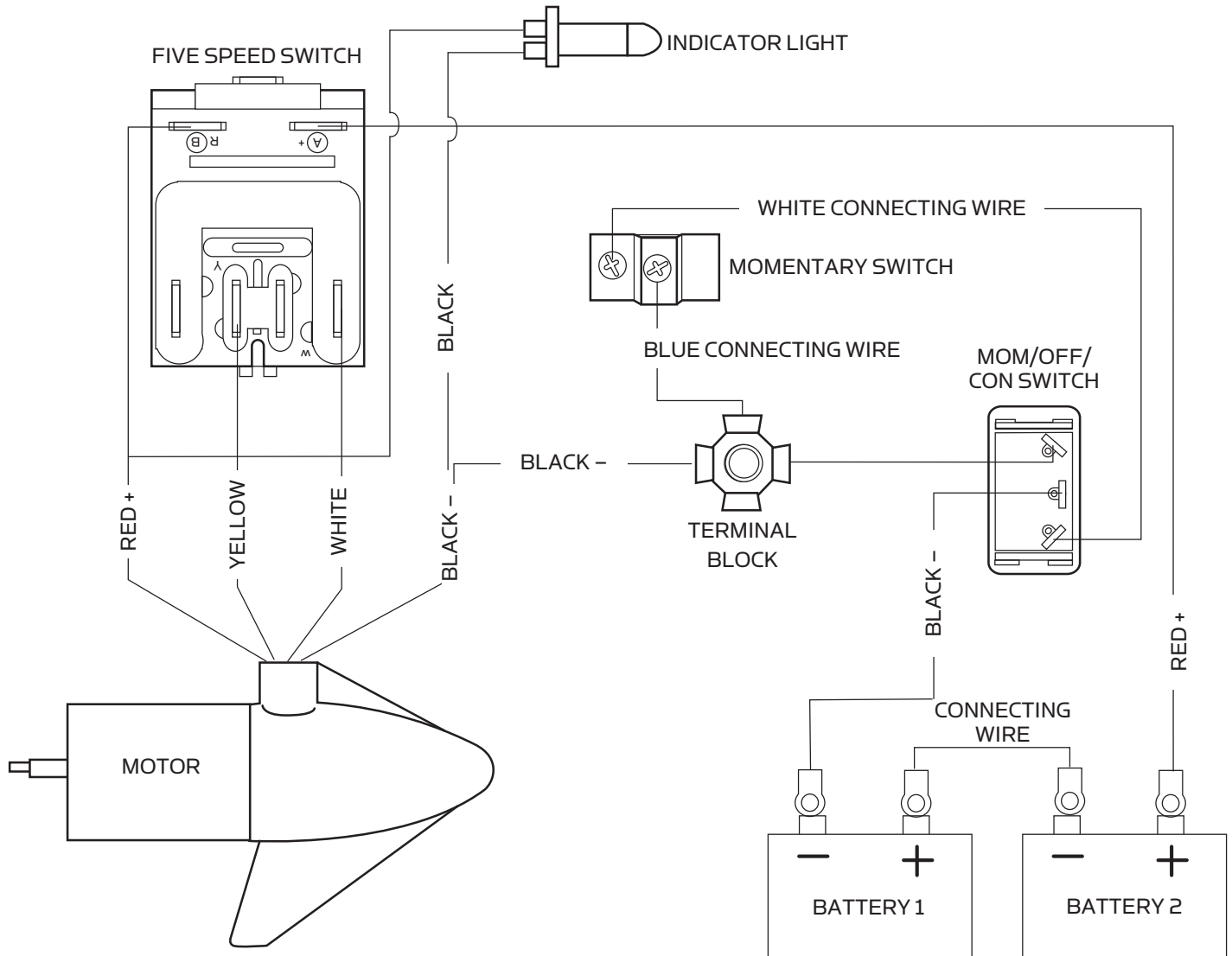
OPTIONAL BROWN WIRE FOR MOTORS WITH 70 LBS THRUST AND HIGHER. SEE BOAT WIRING DIAGRAM.



# MOTOR WIRING DIAGRAM

**NOTE:** This is a universal, multi-voltage diagram. Double-check your motor's voltage for proper connections. Over-Current Protection Devices not shown in this illustration.

## FIVE-SPEED SWITCH



# USING AND ADJUSTING THE MOTOR

## STOWING AND DEPLOYING THE MOTOR

### WARNING:

**When raising or lowering the motor, keep fingers clear of all hinge and pivot points and all moving parts.**

### MOUNT FEATURES

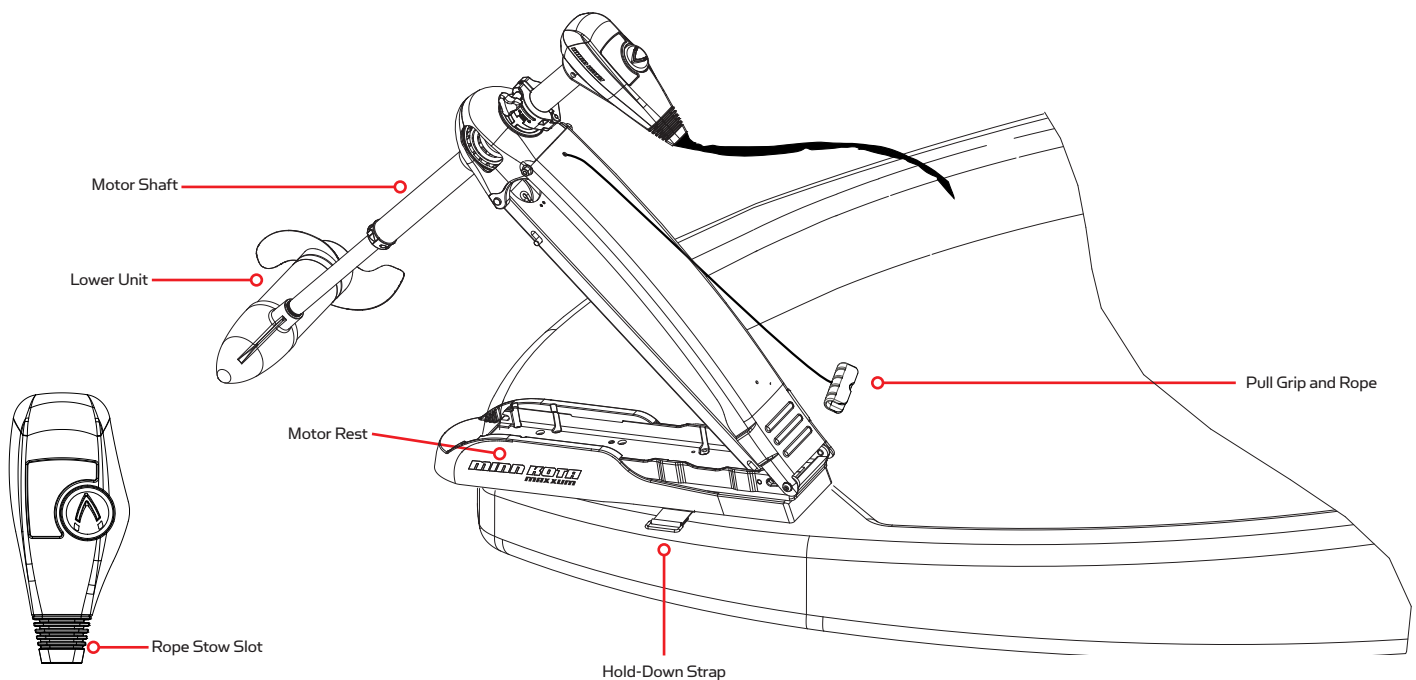
- The motor mount is designed to fold back and lock the motor flat on the deck when not in use and to provide secure stowage for transport.
- The pull grip and rope releases the lock bar, which automatically engages when the unit is lowered or raised into position. The pull grip and rope should be used to both lower and raise the unit.
- The motor rest positions the lower unit as it comes in contact with the nose of the mount and guides it onto the motor rest.
- The yoke captures the motor shaft and keeps the lower unit centered on the motor rest.
- The hold-down strap must be used to place pressure on the motor shaft to hold the lower unit tightly against the motor rest when stowed.
- The pull grip and rope can be stored by placing the pull grip into the rope stow slot on the control box of the motor.

### TO DEPLOY THE MOTOR

Simply pull back and lift the motor off of the mount with the pull grip and rope. Lower the motor into the water using the pull grip and rope. The motor will lock into the deployed position automatically.

### TO STOW THE MOTOR

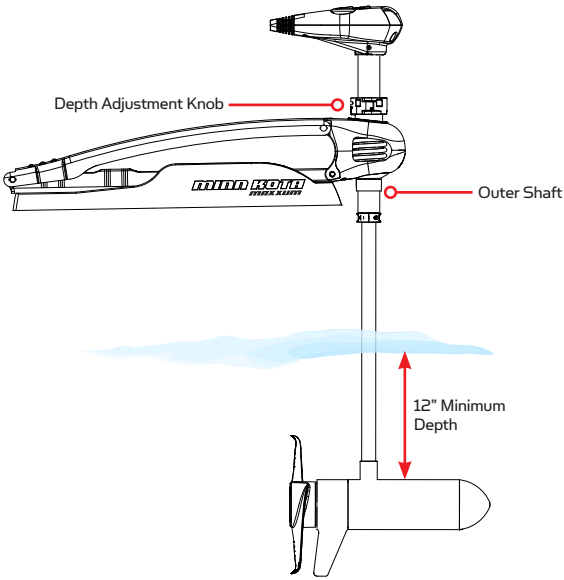
Pull back and lift the motor out of the water with the pull grip and rope. Lower the motor lower unit onto the motor rest using the pull grip and rope. The motor will lock into the stowed position automatically. Wrap the hold-down strap over top of the motor shaft to secure the motor.



**ADJUSTING THE DEPTH OF THE MOTOR**

The propeller tip must be submerged at least 12” to avoid churning or agitation of surface water.

- 1. With the motor deployed, firmly grasp the outer shaft or control head and hold it steady.
- 2. Loosen the depth adjustment knob until the shaft slides freely.
- 3. Raise or lower the motor to the desired depth.
- 4. Turn the motor control head to the desired position.
- 5. Tighten depth adjustment knob to secure the motor in place.

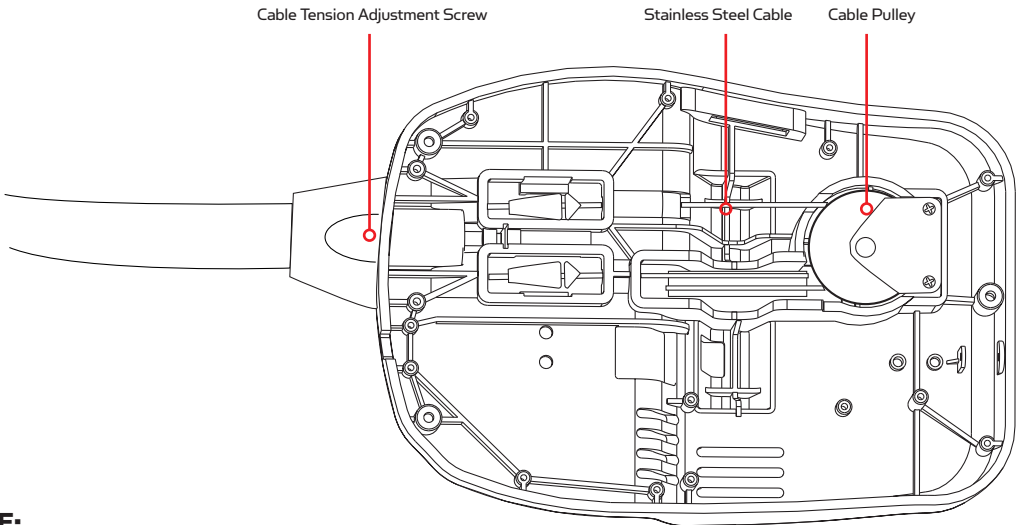


**ADJUSTING THE STEERING CABLE**

The steering cable tension is pre-set at the factory but will, through normal use, need occasional adjustment.

Adjust the tension of the cables by turning the cable tension adjustment screw (Phillips pan-head screw) located near the bottom of the foot pedal, just under the steering cable cover.

Turn the screw clockwise to increase tension and counter-clockwise to decrease tension.



**NOTE:**

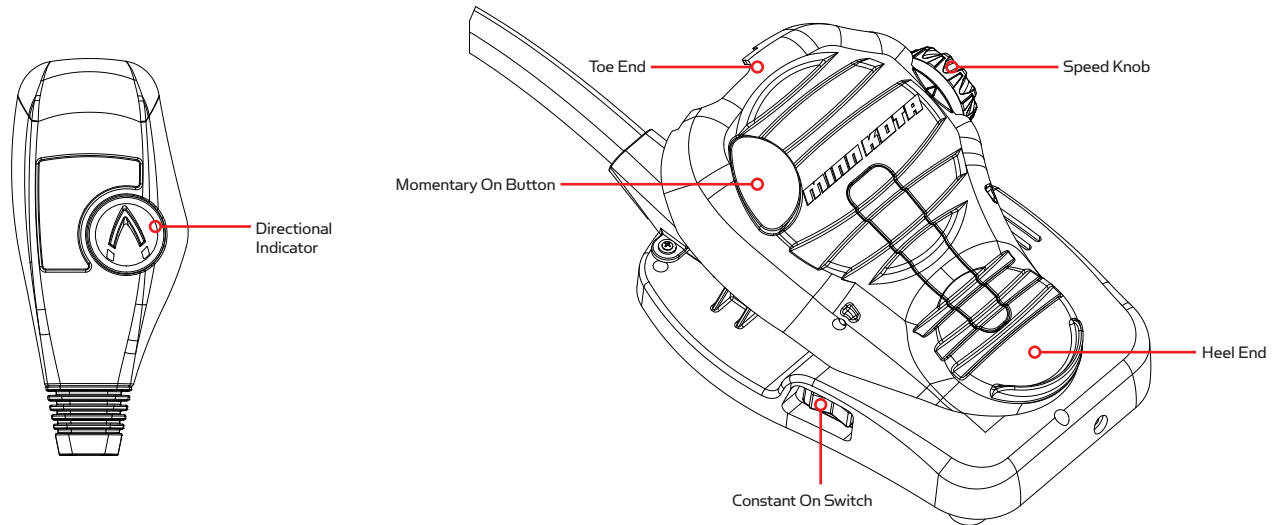
**If the cable becomes too loose, it may disengage the wrap drum in the control box or the pulley in the foot pedal.**

## USING & ADJUSTING THE MOTOR

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### CONTROLLING SPEED & STEERING WITH THE FOOT PEDAL

Most controls on the foot pedal are easy to operate by either foot or hand:



#### TO ADJUST MOTOR SPEED

Turn the speed knob clockwise to increase speed and counter-clockwise to decrease speed.

#### TO OPERATE THE MOTOR IN MOMENTARY MODE

The default mode of operation for the foot pedal is Momentary. In this mode, the motor will only run while downward force is applied to the Momentary On button on the top of the foot pedal. A toe touch to the Momentary button on the top of the foot pedal will turn the propeller on in this mode. Removing downward force on the Momentary button will turn the propeller off.

#### TO OPERATE THE MOTOR IN CONSTANT MODE

To switch to Constant Mode, flip the side-mounted Constant On switch until the propeller starts. In Constant Mode, the propeller will continually run, regardless of whether force is being applied to the Momentary On button on the top of the foot pedal.

#### TO TURN LEFT OR RIGHT

Push the toe end of the foot pedal down to turn right and push the heel end of the foot pedal down to turn left. The indicator on the motor head shows the direction of the motor. The motor will not maintain its own heading. You must keep your foot on the pedal to control steering during operation.

#### TO REVERSE THE MOTOR

The motor always travels in the direction of the indicator. You can reverse the direction of the motor by turning the motor 180° from straight ahead.

#### CAUTION:

- **Make sure the Constant On switch is in the off position when not in use. If the motor control is left on and the propeller rotation is blocked, severe motor damage can result.**
- **Be sure to turn the motor off after each use.**
- **For safety reasons, disconnect the motor from the battery/batteries when the motor is not in use or while the battery/batteries are being charged.**

# SERVICE & MAINTENANCE

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## PROPELLER REPLACEMENT

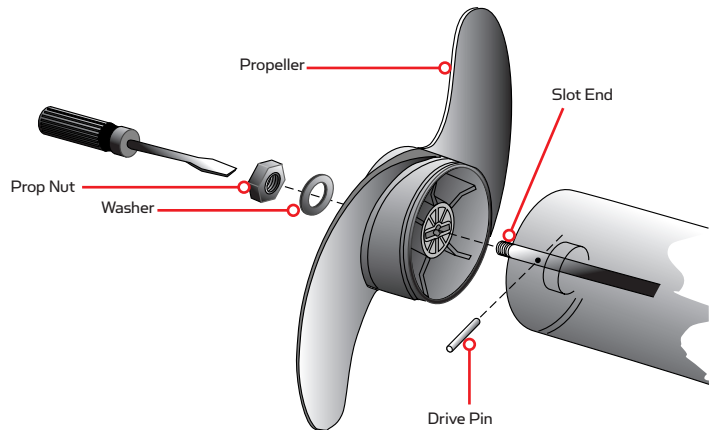
### TOOLS AND RESOURCES REQUIRED:

- Box End Wrench
  - 1/2" for motors with 70 lbs thrust or lower.
  - 9/16" for motors with 80 lbs thrust or higher.
- Screwdriver (optional)

### CAUTION:

**Disconnect the motor from the battery before beginning any prop work or maintenance.**

**NOTE:** The propeller on your motor may differ from the one pictured.



1. Disconnect the motor from all sources of power prior to changing the propeller.
2. Hold the propeller and loosen the prop nut with pliers or a wrench.
3. Remove the prop nut and washer. If the drive pin is sheared or broken, you will need to hold the shaft stationary with a blade screwdriver pressed into the slot on the end of the shaft.
4. Turn the old prop to horizontal (as illustrated) and pull it straight off. If drive pin falls out, push it back in.
5. Align the new propeller with the drive pin.
6. Install the prop washer and prop nut.
7. Tighten the prop nut 1/4 turn past snug [25-35 inch lbs.] Do not over tighten as this can damage the prop.

## GENERAL MAINTENANCE

- After use, the entire motor should be rinsed with freshwater. This series of motors is not equipped for saltwater exposure.
- The composite shaft requires periodic cleaning and lubrication for proper retraction and deployment. A coating of an aqueous based silicone spray will improve operation.
- The propeller must be inspected and cleaned from weeds and fishing line after every use. Fishing line and weeds can get behind the prop, damage the seals and allow water to enter the motor.
- Verify the prop nut is secure each time the motor is used.
- To prevent accidental damage during transportation or storage, disconnect the battery whenever the motor is off of the water. For prolonged storage, lightly coat all metal parts with an aqueous based silicone spray.
- For maximum battery life recharge the battery(s) as soon as possible after use. For maximum motor performance restore battery to full charge prior to use.
- Keep battery terminals clean with fine sandpaper or emery cloth.
- The propeller is designed to provide weed free operation with very high efficiency. To maintain this top performance, the leading edge of the blades must be kept smooth. If they are rough or nicked from use, restore to smooth by sanding with fine sandpaper.

# TROUBLESHOOTING & REPAIR

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1. Motor fails to run or lacks power:
  - Check battery connections for proper polarity.
  - Make sure terminals are clean and corrosion free. Use fine sandpaper or emery cloth to clean terminals.
  - Check battery water level. Add water if needed.
2. Motor loses power after a short running time:
  - Check battery charge. If low, restore to full charge.
3. Motor is difficult to steer:
  - Check steering cables for proper tension. Adjust as necessary.
4. You experience prop vibration during normal operation:
  - Remove and rotate the prop 180°. See removal instructions in the Propeller Replacement Section.
5. Experiencing interference with your fishfinder:
  - You may, in some applications, experience interference in your depth finder display. We recommend that you use a separate deep cycle marine battery for your trolling motor and that you power the depth finder from the starting/cranking battery.

**NOTE:** For all other malfunctions, visit an Authorized Service Center. You can search for an Authorized Service Center in your area by visiting our Authorized Service page, found online or by calling our customer service number.



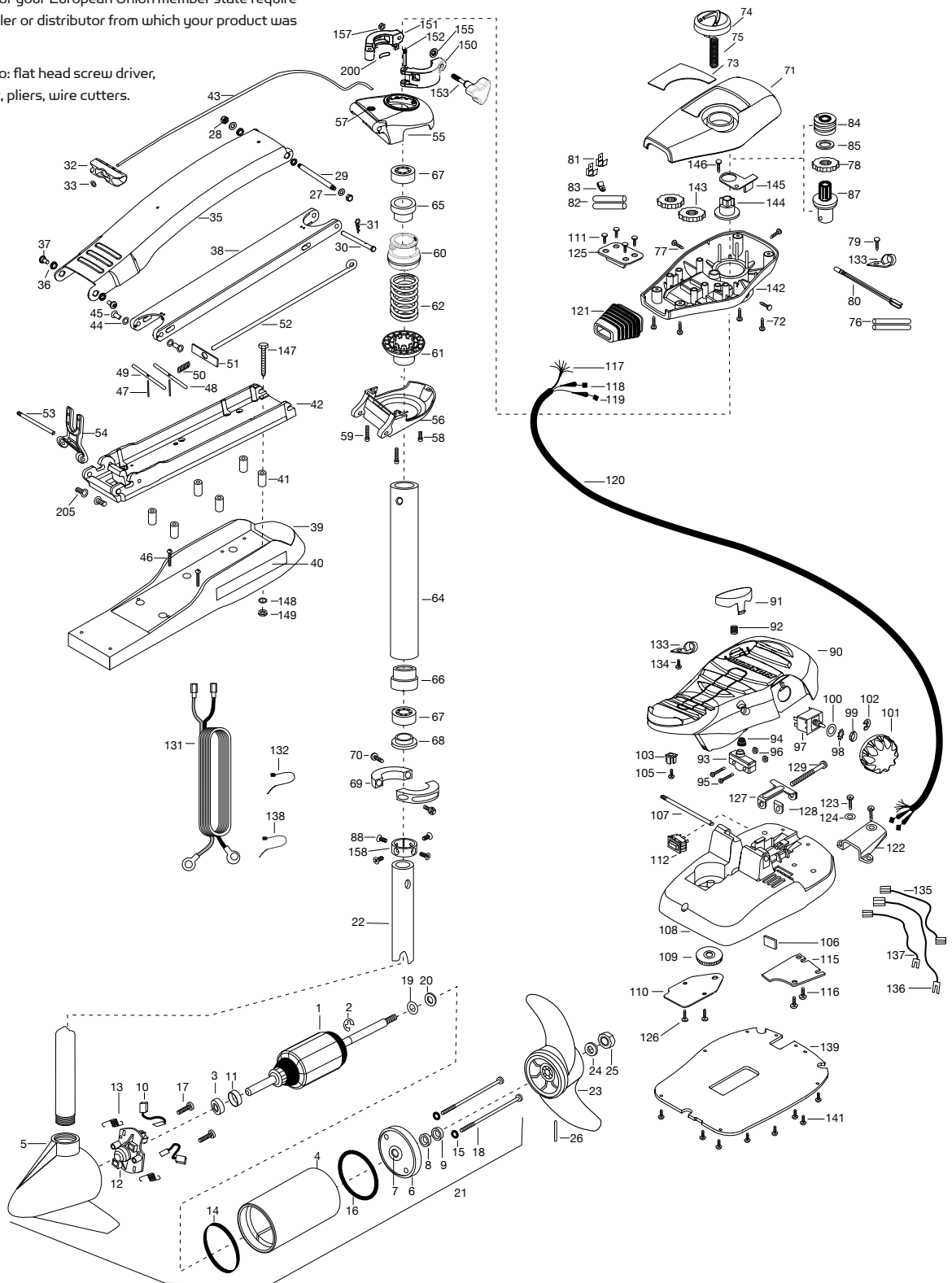
# PARTS DIAGRAM

## MAXXUM 70

### 70 LBS THRUST - 24 VOLT - 42"/52" SHAFT

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

## MAXXUM 70

### 70 LBS THRUST - 24 VOLT - 42"/52" SHAFT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2-100-119	ARMATURE ASSEMBLY 24V 3.625 5SPC 65#
2	1	788-015	RETAINING RING
3	1	140-010	BALL BEARING
4	1	431-005	CENTER HOUSING ASSEMBLY 42"
5	1	2-300-039	BRUSH END HOUSING ASSEMBLY 3.62 SPCO
6	1	2-400-101	PLAIN END HOUSING ASSEMBLY
7	1	144-049	BEARING - FLANGE (SERVICE ONLY)
8	1	880-003	SEAL
9	1	880-006	SEAL WITH SHIELD
10	1	188-037	BRUSH ASSEMBLY
11	1	725-050	BRUSH RETENTION- PAPER TUBE
12	1	738-036	BRUSH PLATE W/HOLDER
13	2	975-040	SPRING - TORSION
14	1	337-036	GASKET
15	2	701-008	O-RING, THRU-BOLT
16	1	701-081	O-RING
■	1	2888460	SEAL & ORING KIT
17	2	830-007	SCREW-8-32
18	2	830-008	THRU-BOLT 10-32X8.83"
19	1	990-067	WASHER- STEEL THRUST
20	2	990-070	WASHER - NYLATRON
21	1	2096035	MOTOR ASSEMBLY 24V 3.625 5SPC FW 52"
22	1	2032003	TUBE (COMP) 4 HOLE-42"
■	1	1378131	PROP KIT
23	1	2091160	PROPELLER (WWEDGE 2)
24	1	2151726	WASHER-5/16 STD SS
25	1	2053101	NUT-PROP,NYLOC (MED) 5/16 SS
26	1	2092600	PIN-DRIVE (95-4HP'S) SS
27	4	9008236	WASHER 1/4 FLAT ZINC
28	2	2223100	NUT- TENSION 5/16-18 SS
29	1	2262605	PIN- BWGRD UPPER THREADED
30	1	2262607	CLEVIS PIN ZP MAXXUM BWGRD
31	1	2260805	SPRING CLIP
32	1	2150400	PULL-GRIP
33	1	2151700	WASHER-EYE SHAFT(.562 OD)
■	1	2991840	MOUNT- BOW ASSEMBLY, W/O BGRD FW STD
35	1	2264241	ARM-UPPER FW, STD
36	4	2293501	BUSHING, STAINLESS STEEL
37	2	2263500	BOLT- SHOULDER (MAXXUM)
38	1	2994307	ARM-LOWER ASSEMBLY,STD,FW,EXT 42"
39	1	2263912	MOTOR REST STD MAXXUM
40	2	2265514	DECAL-MAXXUM,MOTOR REST
41	6	2261505	SPACER, MOTOR REST
42	1	2773987	BOWPLATE/INST ASSEMBLY STD FW

ITEM	QTY	PART NUMBER	DESCRIPTION
43	1	2251601	ROPE (40"), MAXXUM MOUNT
44	2	2261708	WASHER-3/8X1/2X.010" SS
45	2	2267318	BEARING NYLINER-
46	2	2263434	SCREW, 8-18 X 1" PPH SS
47	2	2152610	SPRING-PIN LOCKBAR
48	1	2233600	LOCK BAR- BOW MOUNT
49	1	2233602	LOCK BAR, REAR - ZINC
50	1	2152700	SPRING-LOCKBAR CAD.PLTD
51	1	2262703	SPRING STOP
52	1	2153602	EYE SHAFT-2LOCKBAR STD-PL
53	1	2260506	HINGE-PIN HEADLESS ZINC
54	1	2293811	YOKE,MAX MNT-POLYPROPYLENE
■	1	2991762	BOWGUARD ASSEMBLY- FT CTRL FW
55	1	2772319	BRACKET BASE TOP/EYELET ASSEMBLY
56	1	2991771	BRKT BTM/BEARING FW ASSEMBLY
57	1	2772352	EYELET KIT
58	1	2263423	SCREW 5/16-18 X 1" SHCS ZINC
59	2	2263425	SCREW 5/16-18 X 2 1/2" SHCS
60	1	2071541	SPRING-SLEEVE UPPER
61	1	2071535	SPRING SLEEVE, LOWER
62	1	2262706	SPRING, BOWGUARD, NIK PL
■	1	2772012	TUBE W/BEARING RACE ASSEMBLY 42"
■	1	2772016	TUBE W/BEARING RACE ASSEMBLY 52"
64	1	2272069	TUBE OUTER-21" 4 HOLES
	1	2272067	TUBE OUTER-24" 4 HOLES
65	1	2266260	BEARING RACE
66	1	2266220	BEARING RACE-STEEL
67	2	2266000	BEARING BALL-STEEL
68	1	2266115	BEARING CONE
69	1	2771617	COLLAR HALF-ZINC- 2 PER KIT
70	2	2263452	SCREW-1/4-20 X 3/4" SHCS
71	1	2280201	CONTROL BOX COVER
72	4	2372100	SCREW-8-18 X 5/8" THD SS
73	1	2275603	DECAL-COVER
74	1	2990140	DIRECTIONAL INDICATOR
75	1	2282730	SPRING, INDICATOR
76	2	2375400	SHRINK TUBE-1/4OD X 1-3/4"
77	3	2053414	SCREW-#8-32 X 1/2" TRI-LOBE
78	1	2267800	GEAR-INDICATOR
79	1	2372100	SCREW-8-18 X 5/8" SS
80	1	2264019	LIGHT/INDICATOR
81	2	2020713	TERMINAL-ADAPTOR, MAX
82	2	2335400	SHRINK TUBE-1/2 OD X 2"
83	1	2052511	CABLE CLAMP, 1/4" VANTAGE

# PARTS LIST

## MAXXUM 70

### 70 LBS THRUST - 24 VOLT - 42"/52" SHAFT

ITEM	QTY	PART NUMBER	DESCRIPTION
84	1	2232360	PULLEY-CABLE DRUM
85	1	2261730	WASHER-NYLON A/T CON B
87	1	2996247	TOP BEARING RACE/ PINION DR
88	4	2223468	SCREW-8-32 X 7/16" ZN PL
90	1	2994496	FOOT PEDAL/PLUG ASSEMBLY (AT)
91	1	2283700	PUSH-BUTTON FOOT PEDAL
92	1	2302732	SPRING-LOWER PEDAL SS
93	1	2264020	SWITCH MOMENTARY
94	1	2265140	BOOT-MICROSWITCH
95	2	2262114	SCREW-MOUNTING/SWITCH
96	2	2233100	NUT-SWITCH MOUNT
97	1	2264026	SWITCH-5 SPEED (ALL TERRAIN)
98	1	2261701	LOCKWASHER-STAR
99	1	2263105	NUT-HEX
100	1	2261715	SPACER-SWITCH 5 SP MODELS
101	1	2280110	KNOB-SPEED CONTROL (5 SPD)
102	1	2263000	E-RING TRU-ARC#5133-43
103	1	2260730	CONNECTOR 1/4 MALE TAB OD
105	1	2332103	SCREW-6-20 X 3/8" THD SS
106	1	2266413	TENSION SCREW PLATE FT PED
107	1	2260511	PIN-PIVOT A/T FT PDL
108	1	2774550	FT PED BASE/PIN ASSEMBLY
109	1	2262301	PULLEY- FOOT PEDAL
110	1	2266401	COVER-PULLEY STAMPING
111	4	2223430	SCREW- #8 X3/4 SS PPH TYPE 25
112	1	2254031	SWITCH-MOM/OFF/CON
115	1	2266412	SWITCH PLATE, FT PEDAL
116	2	2332103	SCREW-6-20 X 3/8 THD SS
117	1	2261208	WIRE HARNESS, A/T FT. PHD
118	1	2267505	CABLE ASSY-RIGHT (5')
119	1	2267515	CABLE ASSY-LEFT (5')
120	1	2265430	CABLE JACKET (5')
121	1	2265110	BOOT-CONTROL BOX
122	1	2265115	BOOT-FOOT PEDAL BASE
123	2	2372100	SCREW-8-18 X 5/8 THD SS
124	2	2261714	WASHER-MAXXUM FT PDL
125	1	2261901	BRACKET-CONDUIT
126	2	2301310	SCREW-8-18 X 1/2 SS
127	1	2263210	BRACKET-CONDUIT ADJUSTMENT
128	1	2263104	NYLOCK KEEPER
129	1	2263463	SCREW-1/4-20 X 2" STL PPH
131	1	2261225	LEADWIRE 24V 10GA RING
132	1	2256300	TIE WRAP-5.5" BLACK
133	2	2263201	CLAMP WIRE HARNESS MICRO

ITEM	QTY	PART NUMBER	DESCRIPTION
134	1	2332103	SCREW-6-20 X 3/8 THDT SS
135	1	2260301	CONNECTING WIRE (SWITCH)
136	1	2260312	WIRE,BLK W/WHT STRP 19 1/2
137	1	2260322	WIRE,BLK W/BLUE STRP-12"
138	1	2256301	TIE WRAP-5.5" WHITE
139	1	2266414	BOTTOM PLATE MAX FOOT PED
141	8	9953104	SCREW-8 X 1/2" SS
142	1	2282500	CONTROL BOX
143	2	2267800	GEAR-INDICATOR
144	1	2262221	INDICATOR-DRIVE
145	1	2261905	BRACKET/INDICATOR
146	1	2301310	SCREW-8-18 X 1/2" SS
■	1	2994830	BAG ASSEMBLY-MAXXUM
*147	6	2263431	SCREW 1/4-20 X 3.5" PPH
*148	6	2261713	WASHER-1/4 FLAT SS
*149	6	2263103	NUT-1/4-20 NYLOCK-JAM SS
■	1	2991550	CLAMP COLLAR ASSEMBLY
150	1	2071550	CLAMP COLLAR "A"
151	1	2071555	CLAMP COLLAR "B"
152	1	2072621	PIN-KNURLED
153	1	2281505	KNOB-CLAMP COLLAR
155	1	2071718	WASHER #10 NYLON RETAINING
157	1	2073102	NUT - HEX 1/4 - 28 SS
158	1	2071560	SPLIT COLLAR
200	1	2075120	URETHANE PAD
205	2	2261540	INSERT-THREADED BOWPLATE

■ THIS ITEM IS PART OF AN ASSEMBLY.

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

# COMPLIANCE STATEMENTS

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## ENVIRONMENTAL COMPLIANCE STATEMENT:

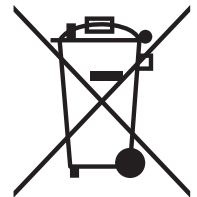
It is the intention of JOME to be a responsible corporate citizen, operating in compliance with known and applicable environmental regulations, and a good neighbor in the communities where we make or sell our products.

## WEEE DIRECTIVE:

EU Directive 2002/96/EC “Waste of Electrical and Electronic Equipment Directive (WEEE)” impacts most distributors, sellers, and manufacturers of consumer electronics in the European Union. The WEEE Directive requires the producer of consumer electronics to take responsibility for the management of waste from their products to achieve environmentally responsible disposal during the product life cycle.

WEEE compliance may not be required in your location for electrical & electronic equipment (EEE), nor may it be required for EEE designed and intended as fixed or temporary installation in transportation vehicles such as automobiles, aircraft, and boats. In some European Union member states, these vehicles are considered outside of the scope of the Directive, and EEE for those applications can be considered excluded from the WEEE Directive requirement.

This symbol (WEEE wheelee bin) on product indicates the product must not be disposed of with other household refuse. It must be disposed of and collected for recycling and recovery of waste EEE. Johnson Outdoors Inc. will mark all EEE products in accordance with the WEEE Directive. It is our goal to comply in the collection, treatment, recovery, and environmentally sound disposal of those products; however, these requirement do vary within European Union member states. 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.



## DISPOSAL:

Minn Kota motors are not subject to the disposal regulations EAG-VO (electric devices directive) that implements the WEEE directive. Nevertheless never dispose of your Minn Kota motor in a garbage bin but at the proper place of collection of your local town council.

Never dispose of battery in a garbage bin. Comply with the disposal directions of the manufacturer or his representative and dispose of them at the proper place of collection of your local town council.

**WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

# RECOMMENDED ACCESSORIES

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## ON-BOARD & PORTABLE BATTERY CHARGERS

**Stop buying new batteries and start taking care of the ones you've got.** Many chargers can actually damage your battery over time – creating shorter run times and shorter overall life. Digitally controlled Minn Kota chargers are designed to provide the fastest charge that protect and extend battery life.



MK345PC



MK210D



MK110P

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## TALON SHALLOW WATER ANCHOR

Talon deploys faster, holds stronger and runs quieter than any other shallow water anchor. Available in depths up to 12' and bold color options including camo, it boasts an arsenal of features and innovations that no other anchor can touch:



- Vertical, Multi-Stage Deployment
- User-Selectable Anchoring Modes
- 2x Anchoring Force
- Fast Deploy
- Auto Up/Down
- Triple Debris Shields
- Built-In Wave Absorption
- Noise Dissipation
- Versatile Adjustments

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## MINN KOTA ACCESSORIES

We offer a wide variety of trolling motor accessories, including:



- 60-Amp Circuit Breaker
- Mounting Brackets
- Stabilizer Kits
- Extension Handles
- Battery Connectors
- Battery Boxes
- Quick Connect Plugs