

CE Master User Manual for **RIPTIDE**

Minn Kota accessories available for your motor.





□ortable □□ar□ers

□o□er □enter



□□tension□an□les

3-11

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 at 1-800-227-6433 or 1-507-345-4623; • returning your motor to the Minn Kota Factory Service Center; • sending or taking your motor to any Minn Kota authorized service center on enclosed list.

Please include proof of purchase, serial number and purchase date for warranty service with any of the above options.

SERIAL NUMBER PURCHASE DATE



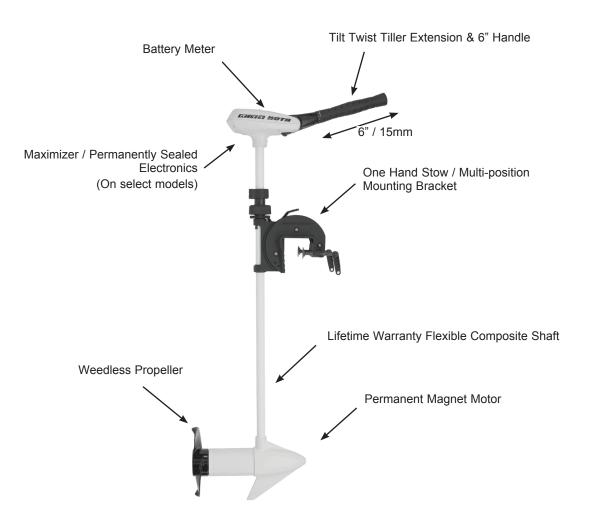


Visit our website at <u>www.minnkotamotors.com</u>

PLEASE THOROUGHLY READ THIS USER MANUAL. FOLLOW ALL INSTRUCTIONS AND HEED ALL SAFETY & 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.

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TRAXXIS OVERVIEW



ENVIRONMENTAL COMPLIANCE STATEMENT:

It is the intention of Johnson Outdoors Marine Electronics, Inc. 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 wheelie 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 Marine Electronics,

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.

LIMITED LIFETIME WARRANTY ON COMPOSITE SHAFT, LIMITED TWO-YEAR WARRANTY ON ENTIRE PRODUCT:

Composite Shaft

Johnson Outdoors Marine Electronics, Inc. warrants to the original purchaser that the composite shaft of the purchaser's Minn Kota® trolling motor is free from defects in materials and workmanship appearing within the original purchaser's lifetime. Johnson Outdoors Marine Electronics, Inc. will provide a new shaft, free of charge, to replace any composite shaft found to be defective more than two (2) years after the date of purchase. Providing such a new shaft shall be the sole and exclusive liability of Johnson Outdoors Marine Electronics, Inc. and the sole and exclusive remedy of the purchaser for breach of this warranty; and purchaser shall be responsible for installing, or for the cost of labor to install, any new composite shaft provided by Johnson Outdoors Inc.

Entire Product

Johnson Outdoors Marine Electronics, Inc. warrants to the original purchaser that the purchaser's entire Minn Kota® trolling motor is free from defects in materials and work-manship appearing within two (2) years after the date of purchase. Johnson Outdoors Marine Electronics, Inc. will, at its option, either repair or replace, free of charge, any parts, including any composite shaft, found to be defective during the term of this warranty. Such repair or replace-ment shall be the sole and exclusive liability of Johnson Outdoors Marine Electronics, Inc. and the sole and exclusive remedy of the purchaser for breach of this warranty.

Terms Applicable to Both Warranties

These limited warranties do not apply to motors used commercially nor do they cover normal wear and tear, blemishes that do not affect the operation of the motor, or damage caused by accidents, abuse, alteration, modification, misuse or improper care or maintenance. DAMAGE TO MOTORS CAUSED BY THE USE OF REPLACEMENT PROPELLERS OR OTHER REPLACEMENT PARTS NOT MEETING THE DESIGN SPECIFICATIONS OF THE ORIGINAL PROPELLER AND PARTS WILL NOT BE COV-ERED BY THIS LIMITED WARRANTY. The cost of normal maintenance or replacement parts which are not defective

"WARNING: This product contains chemical(s) known to the state of California to cause cancer and/or reproductive toxicity."

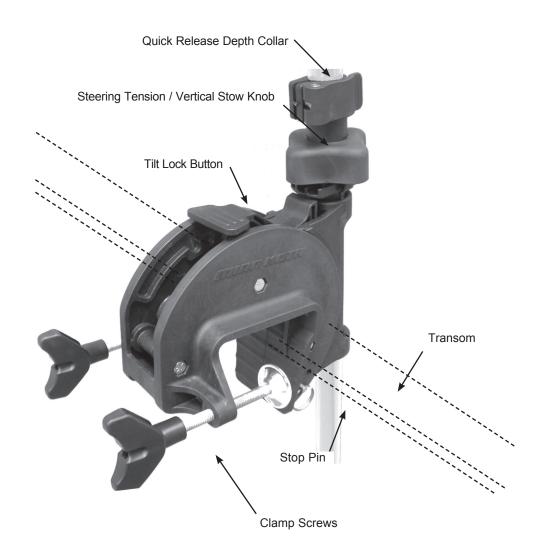
are the responsibility of the purchaser.

To obtain warranty service in the U.S., the motor or part believed to be defective, and proof of original purchase (including the date of purchase), must be presented to a Minn Kota® Authorized Service Center or to Minn Kota®'s factory service center in Mankato, MN, Any charges incurred for service calls, transportation or shipping/freight to/from the Minn Kota® Authorized Service Center or factory, labor to haul out, remove, re-install or re-rig products removed for warranty service, or any other similar items are the sole and exclusive responsibility of the purchaser. Motors purchased outside of the U.S. must be returned prepaid with proof of purchase (including the date of purchase and serial number) to any Authorized Minn Kota® Service Center in the country of purchase. Warranty service can be arranged by contacting a Minn Kota® Authorized Service Center listed on the enclosed sheet, or by contacting the factory at 1-800-227-6433 or fax 1-800-527-4464. Note: Do not return your Minn Kota® motor to your retailer. Your retailer

is not authorized to repair or replace them.

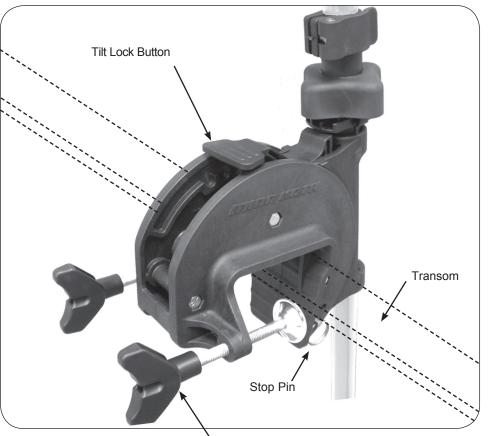
THERE ARE NO EXPRESS WARRANTIES OTHER THAN THESE LIMITED WARRANTIES. IN NO EVENT SHALL ANY IMPLIED WARRANTIES (EXCEPT ON THE COM-POSITE SHAFT), INCLUDING ANY IMPLIED WAR-RANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, EXTEND BEYOND TWO YEARS FROM THE DATE OF PURCHASE. IN NO EVENT SHALL JOHNSON OUTDOORS MARINE ELCTRONCIS, INC. BE LIABLE FOR INCIDENTAL, CON-SEQUENTIAL OR SPECIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.



INSTALLATION OF THE PRODUCT:

Install the motor on the transom of the boat. Be sure to tighten the clamp screws securely.

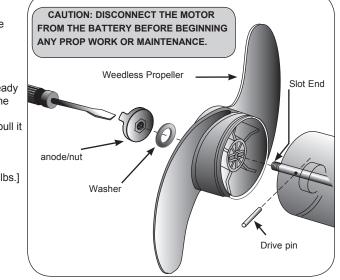


Clamp Screws

CAUTION: OVER-TIGHTENING THE CLAMP SCREWS CAN DAMAGE THE BRACKET.

PROPELLER REPLACEMENT:

- · Disconnect motor from battery prior to changing the propeller.
- · Hold the propeller and loosen the anode/nut with a wrench.
- · Remove anode/nut and washer. If the drive pin is sheared/broken, you will need to hold the shaft steady with a screwdriver blade pressed into the slot on the end of the shaft.
- · Turn the old prop to horizontal (as illustrated) and pull it straight off. If drive pin falls out, push it back in.
- · Align new propeller with drive pin.
- · Install prop washer and anode/nut.
- Tighten anode/ nut 1/4 turn past snug. [25-35 inch lbs.] Be careful, over tightening can damage prop.



MAXIMIZER™: (On Select Models)

The built-In Maximizer's electronics create pulse width modulation to provide longer running time and extended battery life. With the Maximizer speed control, 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. If problems still persist, call our service department at 1-800-227-6433.

MAINTENANCE OF THE PRODUCT:

- 1. After use, these units should be rinsed with fresh water, then wiped down with a cloth dampened with an agueous based silicone sprav such as Armor All®.
- 2. The propeller must be cleaned of weeds and fishing line. The line can get behind the prop, wear away the seals and allow water to enter the motor. Check this after every 20 hours of operation.
- 3. Before each use, check to see that the prop nut is secure.
- 4. To prevent accidental damage during trailering 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. 5. For maximum performance, restore battery to full charge

- before each use.
- 6. Keep battery terminals clean with fine sandpaper or emerv cloth.
- 7. The weedless wedge propeller is designed to provide absolute 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:

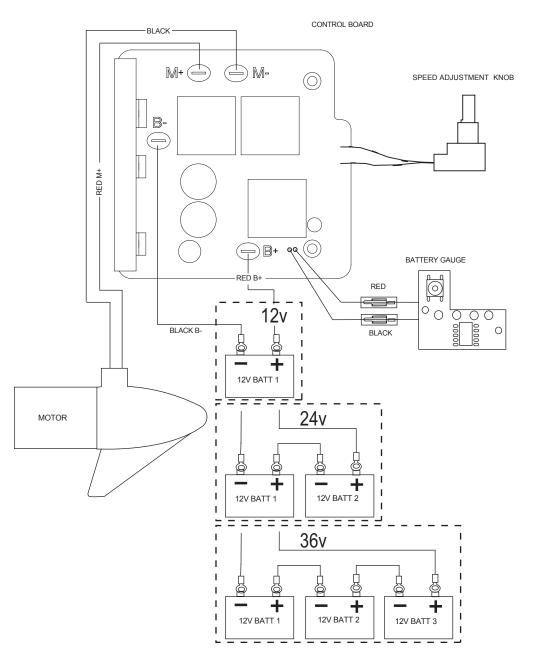
- 1. Motor fails to run or lacks power:
- · Check motor for obstructions. The motor may have gone into current limit. To reset: return to off position, remove obstruction and resume operation.
- · Failure to put the motor in the off position before stowing the handle will result in joint failure.
- Check 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 looses power after a short running time:

- · Check battery charge, if low, restore to full charge. 3. Motor is hard to steer:
- Loosen the steering tension knob on the top of bracket. · Lubricate the composite shaft.
- 4. Bracket shifts or "walks" on transom:
- · With some boats, the transom bracket may loosen or shift during heavy use.
- 5. You experience prop vibration during normal operation: • Remove and rotate the prop 180°. See removal instructions in prop section.
- **NOTE:** For all other malfunctions, see enclosed authorized service center listing for nearest service center.

12-24-36 VOLT VARIABLE SPEED MODELS

THIS IS A UNIVERSAL MULTI-VOLTAGE DIAGRAM. DOUBLE CHECK YOUR MOTORS VOLTAGE FOR PROPER CONNEC-TIONS

Over-Current Protection Devices not shown in illustrations.



Attention:

- •Avoid running your motor with the propeller outside of the water. This may result in injuries from the rotating propeller.
- •It is recommended to set the speed selector to zero and place the motor in the deployed position prior to connecting power cables. Disconnect power cables prior to stowing.
- •Always ensure that the power cables are not twisted or kinked; and that they are securely routed to avoid a safety or trip hazard. Ensure cables are unobstructed in all locations to avoid damaging the wire insulation. Damage to the insulation could result in failure or injury.

•Always inspect the insulation of the power cables prior to use to ensure they are not damaged.

- •Disregarding these safety precautions may result in an electrical short of the battery(s) and/or motor. Always disconnect the motor from the 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. Water in the lower unit may cause an electrical short and damage the lower unit. This damage will not be covered by warranty.

Caution!

- •Always operate the motor in a safe distance away from obstructions. Never approach the motor when the propeller is running. Contact with a spinning propeller may endanger you or others.
- •Always exercise safe practices when using your motor; stay clear of other watercrafts, swimmers, and any floating objects. Always obey water regulations applicable to your area of operation.
- •Never operate the motor while under the influence of alcohol, drugs, medication, or other substances which may impair your ability to safely operate equipment.
- •This motor is not suitable for use in strong currents exceeding the thrust level of the motor.

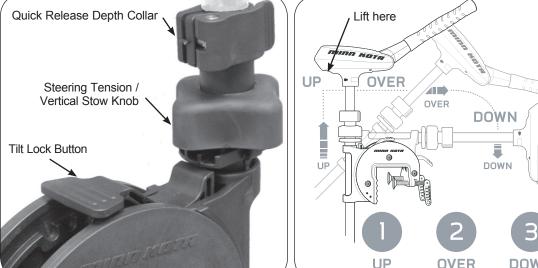
The constant noise pressure level of the motor during use is less than 70dB(A). The overall vibration level does not exceed 2,5m/sec≈.

OPERATION OF THE PRODUCT:

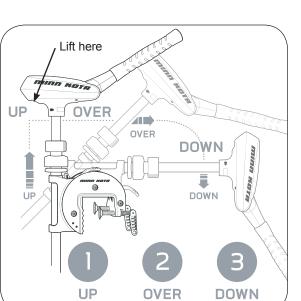
Stowing and Deploying Your Motor: There are 2 methods for stowing your motor for travel:

Horizontal Stow: Loosen the steering tension knob, grab the back of the motor head or the motor shaft, while lifting up, tilt the motor into the boat (the motor must be lifted approximately 1/2" to disengage locking pins). The bracket will ratchet into a locked position. Be sure to retighten the steering tension knob and slide the quick release depth collar down to the top of the steering tension knob for transport. To deploy your motor from this stowed position, loosen the quick release collar, reposition and retighten to desired depth location, hold the motor shaft or head firmly, and loosen the steering tension knob. press the tilt lock button while holding control head and gently lower the motor into the water. Retighten the quick release collar. Retighten the steering tension knob to the desired steering tension.

Vertical Stow: While firmly holding the motor shaft, loosen the steering tension knob and lift up on the motor. Retighten the steering tension knob to retain the vertical stow position of the motor. Be sure to slide the quick release depth collar down to the top of the steering tension knob for added security. To deploy your motor from this vertically stowed position, loosen the quick release collar, hold the motor shaft firmly, and loosen the steering tension knob, and gently lower the motor into the water. Retighten the quick release collar. Retighten the steering tension knob to the desired steering tension.



WARNING : WHEN RAISING OR LOWERING MOTOR, KEEP FINGERS CLEAR OF ALL HINGE AND PIVOT POINTS AND ALL MOVING PARTS.

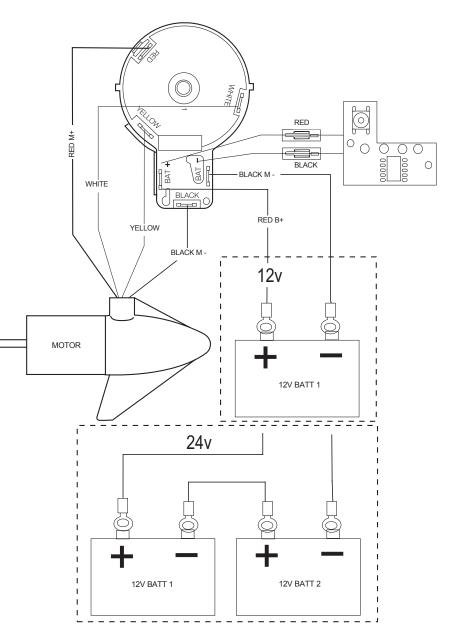


12-24 VOLT 5 SPEED MODELS

THIS IS A UNIVERSAL MULTI-VOLTAGE DIAGRAM. DOUBLE CHECK YOUR MOTORS VOLTAGE FOR PROPER CONNEC-TIONS

Over-Current Protection Devices not shown in illustrations.

FIVE SPEED SWITCH INTERRUPTEUR A CING VITESSES



BATTERY CONNECTION

12 Volt Systems:

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TERY CONNECTION

- **1.** Make sure that the motor is switched off (speed selector on "0").
- 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.

24 Volt Systems:

- 1. Make sure that the motor is switched off (speed selector on "0").
- 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 positive (+) terminal of battery 1 and to negative (-) terminal of battery 2.
 b.Connect positive (+) red lead to positive (+) terminal on battery 2.
- c. Connect negative (-) black lead to negative (-) terminal of battery 1.
- 4. For safety reasons do not switch the motor on until the propeller is in the water.

36 Volt Systems:

- 1. Make sure that the motor is switched off (speed selector on "0").
- 2. Three 12 volt batteries are required.
- 3. The batteries must be wired in series, only as directed in wiring diagram, to provide 36 volts.
- a. Connect a connector cable to positive (+) terminal of battery 1 and to negative (-) terminal of battery 2.
- b. Connect a connector cable to positive (+) terminal of battery 2 and to negative (-) terminal of battery 3.
- c. Connect positive (+) red lead to positive (+) terminal on battery 3.
- d. Connect negative (-) black 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.

IMPROPER WIRING OF 24/36 VOLT SYSTEM COULD CAUSE BATTERY EXPLOSION!
 KEEP LEADWIRE WING NUT CONNECTION TIGHT AND SOLID TO BATTERY TERMINALS.
 LOCATE BATTERY IN A VENTILATED COMPARTMENT.

An over-current protection device (circuit breaker or fuse) must be used with this motor. 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 following breaker sizes are recommended guidelines:

Maximum thrust Voltage / Recommended circuit breaker rating

30# to 45# 12V 50A @ 12VDC 50# to 55# 12V 60A @ 12VDC 65# to 70# 24V 50A @ 24VDC 80# 24V 60A @ 24VDC 101# 36V 50A @ 36VDC E-Drive 48V 40A @ 48VDC

The appropriate wire size needed to connect your trolling motor to the trolling motor batteries varies depending on the length of cable needed and voltage of the motor. For additional information, please consult appropriate ABYC (American Boat and Yacht Council) and Coast Guard requirements.

Reference:

United States Code of Federal Regulations: 33 CFR 183 – Boats and Associated Equipment ABYC E-11: AC and DC Electrical Systems on Boats

OPERATION OF THE PRODUCT CONT'D:

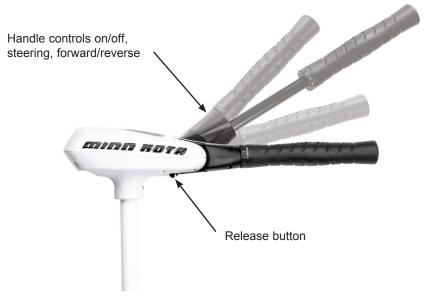
Tilt and Extension Handle Operation:

Your TRAXXIS trolling motor features 7 usable handle tilt positions...45°, 30°, and 15° up and down from the 0° (horizontal) position. To use the down positions, you must first press the release button located on the left underside of the pivot handle.

Your TRAXXIS trolling motor handle also features a unique stow position, that is useful for limiting the amount of space required for storage or travel.

IMPORTANT: THE MOTOR MUST BE IN THE OFF POSITION TO USE TO USE THE STOW POSITION! FAILURE TO PUT THE MOTOR IN THE OFF POSITION BEFORE STOWING THE HANDLE WILL RESULT IN JOINT FAILURE.

To extend the handle, pull the handle towards you to the desired position. The handle will extend a full 6 inches. To retract, push the handle in until it meets the face of the motor control head.



CAUTION: NEVER OPERATE YOUR MOTOR WHEN IT IS OUT OF THE WATER.

CIRCUIT BREAKER

OPERATION OF THE PRODUCT CONT'D:

Steering Tension Adjustment:

The steering tension can be adjusted by tightening or loosening the steering tension knob for the desired steering tension.

Depth Adjustment

The Quick Release Depth Collar can easily be adjusted by opening the lever arm to release to depth collar, sliding it to the desired depth, and then closing the lever arm again. The tension of the guick release depth collar can be adjusted with a screw driver to obtain the proper "feel". Be careful not to over tighten!

BATTERY INFORMATION:

The motor will operate with any deep cycle marine 12 volt battery/batteries. For best results use a deep cycle, marine battery with at least a 115 ampere hour rating. As a general on the water estimate, your 12 volt motor will draw one ampere per hour and your 24 volt motor will draw .75 ampere per hour for each pound of thrust produced when the motor is running on high. The actual ampere draw is subject to your particular environmental conditions and operation requirements. 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 variable rate charger to avoid overcharging.

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.

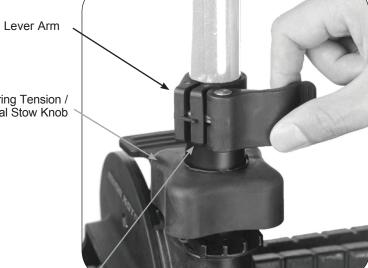
Advice regarding batteries:

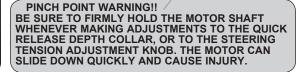
Never connect the (+) and the (-) terminals of the battery together. Take care that no metal object can fall onto the battery and short the terminals. This would immediately lead to a short and utmost fire danger.

Recommendation: Use battery boxes and covered battery terminal clamps like Minn Kota accessory #MK-BC-1.

These motors are equipped with a "push to test" battery gauge. The LED provides an accurate display of the remaining charge in the battery. It is only accurate when the motor is off. The gauge reads as:

- · Four lights indicate full charge.
- Three lights indicate good charge.
- · Two lights indicate low charge.
- · One light indicates recharge.







Steering Tension / Vertical Stow Knob

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MINN KOTA AUTHORIZED SERVICE CENTERS

AB Marks Marine & Leisu re Inc	Trolling Motor Shop 3792 Rhinehart Rd Pine Bluff 71603	Junior's Boat Repair 4650 Prairie Rd Paso Robles 93446-9568
1047G-30th St SW	870-534-4161	805-239-5619
Medicine Hat T1B3N3	Perdue Motor Service	Tri-Lakes Electric Boat
403-527-4255	293 Riverside Ln	Service
Midsun Automotive	El Dorado 71730-9336	5764 E Fountain Way #106
#1 - 15016 Bannister Rd SE	870-797-3047	Fresno 93727
Calgary T2X1Z5	Jones Trolling Motor	559-346-0282
403-254-4828	Services	Hook, Line, & Sinker
Reel Doctor	3501 Washing St Texarkana 71854	3100 Main St#260 Oaklev 94561
8732 - 51 Av	870-773-3474	Oakley 94561 925-625-2441
Edmonton T6E5E8 780-431-0146	Nife Marine	Lambert Enterprises
/80-431-0146	4100 Rixey Rd	500 Riviera Pl
AL	Sherwood 72117	San Ramon 94583-3638
Alabama Trolling Motors	501-835-2929	925-829-5977
4340 B Vanderbilt Rd	Bull Shoals Lake Boat	Sidewinder Marine
Birmingham 35217	Eastwold's Cove - Hwy 178	2817 Joy Av
205-841-3220	Bull Shoals 72619-0748	Ceres 95307
The Trolling Motor Medic	870-445-8357	209-380-1000
14150 Marion Loop	Crafton Repair Service	Sunny's Electric Marine
Tuscaloosa 35405	124 Cranfield Rd	1500 El Camino Av, Suite C
205-242-2427	Mountain 72653-6708	Sacramento 95815
Tackle World	Home	916-487-3868
85 Breezy Ln	870-492-6633	Ridge Marine
Cordova 35550	Δ7	6171 N Libby Rd
205-483-0220		Paradise 95969
Propeller Repair Service of	Martin Marine	530-877-1766
Huntsville	715 W Brdwy Rd Mesa 85210	Electric Tool & Motor
11707 S Memorial Pkwy	Mesa 85210 480-898-1800	Repair
Huntsville 35803		7400 Hwy 273 Suite D
256-881-8151	Al's Electric Boat Service, Inc.	Redding 96001
Humminbird Service Dept	5130 W El Caminito Dr	530-244-1130
678 Humminbird Ln Eufaula 36027	Glendale 85302	Jay Liu's Service
Eufaula 36027 334-687-6613	602-568-6204	7752 Pit Ct
	Total Trolling Motor	Redding 96001 530-246-8051
D & M T rolling Motor Service	452 Llanos Dr	530-246-8051
276 Teri Ln	Lake Havasu 86403	CO
Prattville 36066	City	Christy's Minn Kota Sales
334-361-9814	928-486-3018	& Serv.
Dothan Prop Shop	BC	2618 Hollingbourne St
1011 Cloverdale Dr	Mike's Reel Repair	Ft. Collins 80526
Dothan 36301	#108 - 31060 Peardonville	970-224-5835
334-792-5798	Rd	Colorado Trolling Motors
The James Company	Abbotsford V2T6K5	1323 W Bijou St
207 W Hildreth St	888-404-1119	Colorado 80904
Enterprise 36330-2962	~ ~	Springs 719-661-4245
334-347-6514	CA	/ 13-66 1-4240
Rod, Reel, & Trolling Motor	The Trolling Motor Doctor	СТ
Repair	3720 Industry Av #105	Center Marine
21B Anderson Rd	Lakewood 90712-4131	457 Storrs Road
Saraland 36572 251-679-7500	562-988-9444	Mansfield 06250-1219
Construction of the second	Trolling Motors West LLC	Center
Fox's Trolling Motors	15338 Chatsworth St	860-455-9451
4401 Government Blvd Mobile 36693-4809	Mission Hills 91345	boatVerk
Mobile 36693-4809 251-661-7033	818-929-3845	54B Calf Pasture Beach Rd
201-001-7000	Almquist Extreme Marine	Norwalk 06855
AR	14510 S Brdwy	203-856-4608
	Blythe 92225	DE
	760-922-7069	DE

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Jon's Trolling Motor & Reel Repair	Shallow Water Customs 4455 NE 10th Av
113 Richardson Circle	Oakland Park 33334
Dover 19901-6313	954-772-1172
302-697-9488	Mastry's Tackle
	1622 4th StS
FL	
S&A Leisure, Inc	St. Petersburg 33701 727-394-4832
1300 N Hwy 309	
Welaka 32193	Bett's Fishing Center
386-467-7000	8926 126th Av N
Trolling Motor Service	Largo 33773
5615 Wesconnett Blvd	727-518-7637
Jacksonville 32244	Central Florida Trolling Motors
904-573-0480	3780 US Hwy 92 E
TM Service Center	Lakeland 33801-9664
3452 Garber Dr	863-666-2248
Tallahassee 32303	Performance Sales &
850-574-4245	Service, Inc.
Lindi's Electric Motor	1130 US Hwy 27 N
Service	Lake Placid 33852
7016 E Hwy 22	863-465-2814
Panama City 32404-2315	Smith Marine Enterprises
850-871-1722	2420-1 Concorde Dr
L & L Marine	Ft Myers 33901
5527 Hwy 331 S	239-939-5776
DeFuniak 32433	Abel's Marine
Sprgs	7341 Sawyer Cir
850-892-7319	Port Charlotte 33981
Errerald Coast Marine LLC	941-698-4006
4610 Saufley Field Rd	The Fix-It Shop
Pensacola 32526	940-D Cattlemen Rd
850-456-8196	Sarasota 34232-2810
Hammers Trolling Motors	941-371-4434
6470 Hwy 29 N	AAA Outboard Motors Inc.
Molino 32577	
850-587-2149	1422 SE Hwy 19 Crystal River 34429
Rapid Service Center	352-795-9630
224 NW 8th Av	(* E # 1 / 6 / 0 / 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6
Gainesville 32601	Nobles Marine
352-377-2109	437 N Palmetto St
R & K Trolling Motor	Leesburg 34748-5266
	352-787-5792
3224 NW 30th Pl	352-787-5792 Master Repair, Inc.
	352-787-5792 Master Repair, Inc. 4446 SE Commerce Aw
3224 NW/30th Fl Gainesville 32605 352-214-3792	352-787-5792 Master Repair, Inc. 4446 SE Commerce Av Stuart 34997
3224 NW 30th Pl Gainesville 32605	352-787-5792 Master Repair, Inc. 4446 SE Commerce Aw
3224 NW 30th FI Gainesville 32605 352-214-3792 Kef's Rod & Reel Service	352-787-5792 Master Repair, Inc. 4446 SE Commerce Av Stuart 34997 772-220-7777
3224 NW 30th Fl Gainesville 32605 352-214-3792 Kef's Rod & Reel Service Inc.	352-787-5792 Master Repair, Inc. 4446 SE Commerce Av Stuart 34997 772-220-7777 GA
3224 NW 30th Fl Gainesville 32605 352-214-3792 Kef's Rod & Reel Service Inc. 430 E Semoran Bvd	352-787-5792 Master Repair, Inc. 4446 SE Commerce Aw Stuart 34997 772-220-7777 GA Nutter Rcd and Reel
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aurent H4S1R7	Pickstown 57367
-956-9695	605-487-7593
Main Agiles CDP Ltee	Jerry's Minn Kota Sales
Boul Labelle	Service
al H7L3A1	825 15th Av SE
-625-6963	Aberdeen 57401
V20-0303	605-225-2370
રા	Pierre Sports Center
	1440 N Garfield
	Pierre 57501
	605-224-5546
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Minn Kota Mark	All Star Marine Elec
310 E 1st Av	North 201 S Mill St #101
Mobridge 57601	Lewisville 7505
605-845-2520	469-549-1850
Black Hawk Marine	All Star Marine Elec
11300 JB Rd Black Hawk 57718	3434A Dilido
605-787-9000	Dallas 7522
RecStation.net	214-320-1673
2935 E Colorado Blvd	Southwestern Parts
Spearfish 57783	Service
605-717-4386	605 W Mockingbird I
1 22	Dallas 7524 214-630-8161
SK	
WD Sports	On-Site Service 246 County Rd 1558
1001 Osler St	Alba 7541
Regina S4R 8N5	903-765-2019
306-757-3909	East Texas Sonar S
Ron's Reel Repair	3200 N Eastman Rd
3718 B Millar Av	Longview 7560
Saskatoon S7P 1B0	903-663-4648
306-653-4293	Boris Marine Electr
TN	5301 Azle Av
Dover Marine Inc.	Fort Worth 7611
246 Old State Route 76	817-624-3932
Dover 37058	Texas Boat World
931-232-4999	303 W Centex Expwg
Marine Electric Service	Harker Hts 7654
112 Midtown Ct	254-699-9151
Hendersonville 37075-2352	ProLine Trolling Me
615-824-3205	4103 Ben Ficklin
C & O Marine	San Angelo 7690
1183 Petty Rd	325-658-1969
White Bluff 37187	Gulf Coast Trolling
615-797-4760	12800 Gulf Frwy @ F Houston 7703
ETM Specialty Co.	281-481-6838
251 Morgan Rd NW	G & S Trolling Moto
Charleston 37310	15104 Lee Rd, Ste 2
423-336-5438	Humble 7739
Swafford Trolling Motor	281-441-9165
3441 Friendsville Rd	A & M Boat Service
enoir City 37772-4812 65-986-4455	4404 Acacia St
Anchor Marine	Bellaire 7740
Anchor Marine 6630 Gen. Carl W. Stiner	832-423-5471
Hwy	Tally's Tackle
Speedwell 37870	5449 E Parkway
423-562-1519	Groves 7761
Appliance Service Center	409-962-1653
3560 Park Av	R1-Bass
Memphis 38111-5622	6640 Eastex Frwy
901-324-5898	Beaumont 7770
Crappie Wizard Co.	409-898-2277
	Boerne Sports & Or
476 Paris Whitlock Rd	LLC
Paris 38242	1777 St
476 Paris Whitlock Rd Paris 38242 731-336-3550	39316 IH-10 West, S
Paris 38242 731-336-3550	39316 IH-10 West, 8 Boeme 7800
Paris 38242	39316 IH-10 West, S Boerne 7800 830-816-2130
Paris 38242 731-336-3550	393.16 IH-10 West, S Boerne 7800 830-816-2130 Reel Improvements
Paris 38242 731-336-3550	39316 IH-10 West, S Boerne 7800 830-816-2130 Reel Improvements 10614 Gulfdale
Paris 38242 731-336-3550	393.16 IH-10 West, S Boerne 7800 830-816-2130 Reel Improvements

Seaworthy Marine Supply ctron ics 102 S Fulton Beach Rd Futton 78358 157 361-727-9100 South Texas Trolling Motor ctron ics 9705 S Padre Island Dr Corpus Christi 78418 361-939-8970 **Fishfinders Marine** ts & Electronics 1101 N Industrial Blvd #E lln Round Bock 78681 247-6008 512-248-8348 Jerry's Troll - Motor Repair 84 Flintrock Trl Del Rio 78840-2306 830-774-3271 Phantom Trolling Motors Sales 12805 US Hwy 277 S Hawley 79525 325-280-4544 UT ronics Wakeless Harbor Marine 14-1312 Service 355 West 2nd North Manila 840.46 801-440-6055 Swede R's at Croft Power 48 Equipment 530 W 1500 S lotors Woods Cross 84087 801-397-1675 104 VA Motors Sportsman Marine Fuqua 2629 Hanco Center Dr 134 Woodbridge 22191 703-583-0300 tors. Inc. Virginia Trolling Motor 205 Services LLC 96 3502 Jefferson Davis Hwy 23234 Richmond LLC 804-233-6726 Motortech 01 1259 Camlina Bd Suffolk 23434 757-539-6633 Southside Marine & Auto 19 916 Noblin Farm Bd Clarksville 23927 434-374-0550 SML Marine Electronics & Outdoor Specialties LLC 08 16503 D BTW Hwy Moneta 24121 Ju Moors 540-719-1549 Suite 120 VT Eriksen's Marine 6720 Rt 7 N. Ferrisburgh 05473 802-238-2537 16

Warner's Dock Inc. West Virginia Marine Inc. 1020 N Knowles Av 6913 McCorkl81e Av SW 25177 New 54017-1278 St. Albans Richmone 304-727-4134 715-246-6856 Grove Lawn & Marine, Inc. AVC Systems LLC 1959 Middle Creek Rd 2833 River Forest Hills Dr Triadelphia 26059-9707 Pulaski 54162 304-547-5044 920-865-5500 WY Huntz Service Center 2413 W Veteran's Prkwy Bellwood Boats Marshfield 54449 206 S Yellowstone 715-384-9616 82213 Glendo Sportsman's Repair Shop 307-735-4211 1007 Pasha Av Mosinee 54455 715-693-6634 Rasmussen Service Center 715 SLake Av Phillips 54555 715-339-2421 North land Marine Inc. 6991 School St Three Lakes 54562-0239 715-546-2333 Grizzly Bob's Bait and Tackk 1218 Hwy 51 Woodruff 54568 715-356-2680 Scheel's All Sports 4710 Golf Rd Eau Claire 54701 715-833-1886 Thomas Marine 122 E Elm St 54817-0187 Birchwood 715-354-7070 Hayward Power Sports 12305 W 77 Hayward 54843 715-462-3674 Ladysmith Ace Home Center 503 Lake Av W Ladvsmith 548.48 715-532-3351 Anchor Marine N495 Railroad St Appleton 54915 920-788-5950 Rivers Edge Marine Inc. 616 W Wolf River Av New London 54961 920-982-4874 Critter's Wolf River Sports LLC 700 W Main St Winneconne 54986 920-582-0471 WV

Your new Minn Kota Motor was built to exacting specification under rigid quality control, to provide you years of trouble-free operation. If, for some reason, it should ever need adjustment or service, your motor may be sent to: Service Department, Minn Kota Johnson Outdoors, 121 PowerDrive, Mankato, MN 56002, or to any Minn Kota Authorized Service Center

Canadian ASC's included within. Outside the US or Canada see our website at www.minnkotamotors.com for the Authorized Service Center near you.

Vermont Home & Marine,

05495

98002

98155

99206-9674

99336-3623

530.48

323 Industrial Av

802-658-5427

WA

L and D Repair

253-735-6514

Angler's Choice

20222 Ballinger Way NE

Electric Fisherman Moses

Lake@Tri State Outfitters

1224 W Lakeside Dr

Moses Lake 98837

Jim's Electric Trolling

4214 S Sunderland Dr

810 Auburn Way N

Williston

Auburn

Shoreline

206-364-9827

218-969-6063

Motor Repai

509-928-6743

320A W Entiat Av

Spokane

2B Entz.

Kennewick

509-586-1028

WI

Lomira

Boat Doc

920-269-2628

262-889-4241

Props Ahoy

1211 53rd Dr

262-835-4815

Anchor's Aweigh

Waukesha 53189

2035 S West Av

262-547-7170

Brew City TMS

414-852-9550

2829 S 99th St

414-321-9662

Dom True Value

1348 S Midville Blvd

West Allis

Madison

608-274-2511

Service

1721 W Grange St

Milwaukee 5322

Schilling Trolling Motor

53227-3322

53711-2848

Union Grove 53182

735 S Cogswell Dr

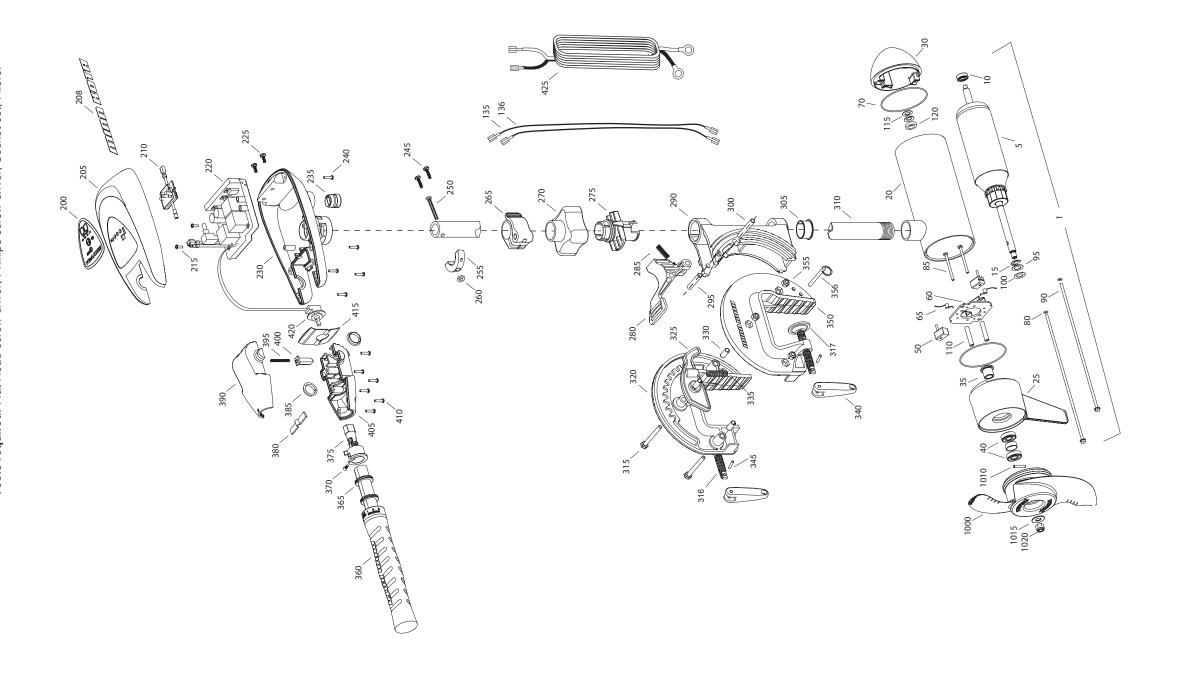
Silver Lake 53170-0400

The Boat Doc, LLC

N11463 Columbia Dr

RT80/T 80 LBS THRUST 24 VOLT 42" SHAFT

This page provides MinnKota® 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:** Flat Head screw driver, Phillips screw driver, Socket set, Pliers.



PARTS LIST

In the U.S.A., replacement parts may be ordered directly from MINN KOTA Parts Dept., 121 Power Drive, P.O. Box 8129 Mankato, Minnesota 56002-8129. In Canada, parts may be ordered from any of the Canadian Authorized Service Centers shown on the enclosed list. Be sure to provide the MODEL and SERIAL numbers of your motor when ordering parts. Please use the correct part numbers from the parts in the parts ordered from the MINN KOTA parts department, may be by cash, personal check, Discover Card, MasterCard or VISA. To order, call 1-800-227-6433 or FAX 1-800-527-4464.

tem P/N	Description	Qty	Item F	P/N Description	Qty	Item P/N	Description	Qty	Item	P/N	Description	Qty
1 2316228	24V Motor 42" SW	1	■ 299	Bracket assy, Aluminum [2	270-356] 1							
5 2-100-214	Armature assembly	1	270 200	60100 Knob, steering tension, so	ft 1	1378132	Propeller kit WW2					
140-010	Bearing	1	275 200	68400 Collet	1	2994876	Propeller bag assy					
15 788-040	Retaining ring	1	280 200	64200 Lock arm	1	1000 2331160	Propeller WW2	1				
20 2-200-397	Center housing assemby	1	285 200	S2701 Spring, lock arm	1	1010 2262658	Drive pin, large	1				
25 2-300-340	Brush end housing assembly	1		61821 Hinge	1	1015 2091701	Washer, prop, large	1				
30 421-376	Plain end housing assembly STD	1	295 200	2603 Pin, lock, ss	1	1020 2198401	Nut, nylock, prop, Anode	1				
35 144-017	Flange bearing	1	300 200	2603 Pin, lock, ss	1							
10 880-025	Seal	2	305 203	Brand Bushing, hinge	1							
50 188-094	Brush	2		2012 Tube 42"	1							
60 9-738-004	Brush plate assembly	1	315 200	Bolt 1/4-20 x 2 3/8", ss	3							
65 975-041	Brush spring	2		S1301 Screw-clamp	2							
70 701-043	O-ring, motor	2	317 233	31700 Washer-clamp screw	2							
30 701-009	O-ring, thru-bolt	2	320 27	71949 Bracket, right, SW	1							
35 830-027	Screw, 10-32 x 2	2		Cam deactivator	1							
90 830-094	Thru-bolt	2	330 200	Brand Bushing, dowel 1/4 x 1/2	3							
95 990-051	Washer, steel	2		S2702 Spring, cam deactivator	1							
00 990-052	Washer, nylatron	2		71303 Clamp screw kit	2 per kit							
10 973-025	Spacer, brush plate	2		50925 Handle, clamp	2							
15 992-010	Washer, Belleville	2		52625 Roll pin	2							
20 992-045	Spacer, thrust	1		71948 Bracket, left, SW	1							
35 640-018	Leadwire, black	1		03103 Nut, 1/4-20, nylock, ss	3							
36 640-123	Leadwire, red	1		52604 Pin, stop	1							
2889460	Seal and O-ring Kit											
			299	Handle assy, VARS [360-4	4101 1							
00 2195659	Decal, c-box cover	1		00456 Grip/handle assy, VARS [
05 2060296	C-box cover	1		Booling Bearing, handle	2							
08 2325666	Decal - MinnKota	2		3405 Screw, #6 PFH SS	1							
10 2074081	Battery meter, 24v SW	1		34092 Yoke / spider assy, VARS	1							
15 2043427	Screw, #8 x 7/8 SS	2		02742 Spring, detent, off	1							
20 2184017	Control board, 24/36V	1		Boolo Bearing, handle pivot	2							
■ 2888411	Potentiometer Replacement Kit			60900 Handle pivot, top	1							
25 2303434	Screw, #8-30 x 5/8 SS	2		02745 Spring, release button	1							
30 2062503	Control box, VARS, SW	1		33700 Button, release	1							
35 2062905	Strain relief	1		60905 Handle pivot, bottom	1							
40 2303412	Screw, #6 x 5/8 SS	6		03412 Screw, #6 x 5/8 SS	6							
45 2263434	Screw, #8 x 1 SS	2	710 200	00112 0010W, #0 X 0/0 00	0							
50 2383407	Screw, #10-24 x 2 SS	1	415 200	S2715 Spring, handle pivot	1							
55 2061517	Collar, c-box	1		61700 Washer, pot holder	1							
60 2383124	Nut, 10-24, nylock, SS	1		2523 Leadwire assy, includes [2								
65 2991521	Cam lock/depth collar assy	1	725 233	Leauwire assy, includes [2								

PARTS LIST