

## **WARRANTY**

Remote-Troll carries a 1-Year Warranty on all parts and labor when returned prepaid to the factory. Remote-Troll Manufacturing is not responsible for loss or damage due to the lack of use of an adequate safety strap. Warranty is void if trolling motor is not removed during trailering or is not supported by a non-flexible strut (i.e., "Transom Saver") while trailering. Failure to remove motor or to use such a strut may cause damage to your Remote-Troll, your boat, or your motor, and all such damage will be the responsibility of the owner. This warranty is void if modifications or repairs to any part of the Remote-Troll have been made by other than Remote-Troll Mfg.

**PROCEDURE:** Before returning any item to Remote-Troll Manufacturing, you must first call (800) 584-6943 for a Return Authorization Number.

Model Number \_\_\_\_\_  
(Found on the gold label near the electric motor)

Date of Purchase \_\_\_\_\_

Serial Number \_\_\_\_\_

Purchased From \_\_\_\_\_

Retain purchase receipt for warranty qualification.

### **Remote-Troll Manufacturing**

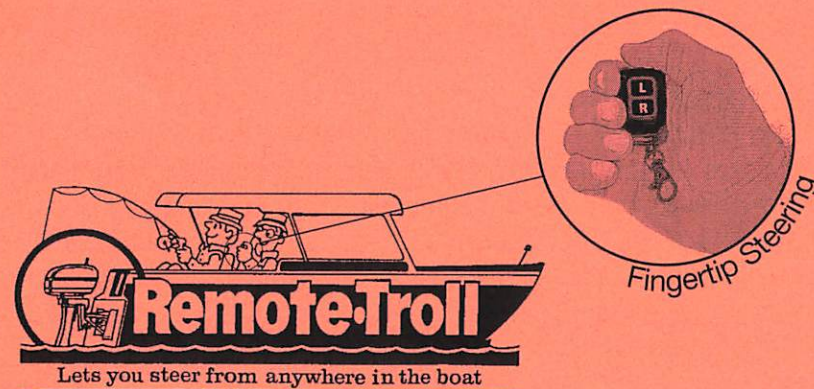
81 E 1850 N

Logan, UT 84341

435-792-3272 800-584-6943

fax: 435-752-0935 email: [jerry@remotetroll.com](mailto:jerry@remotetroll.com)

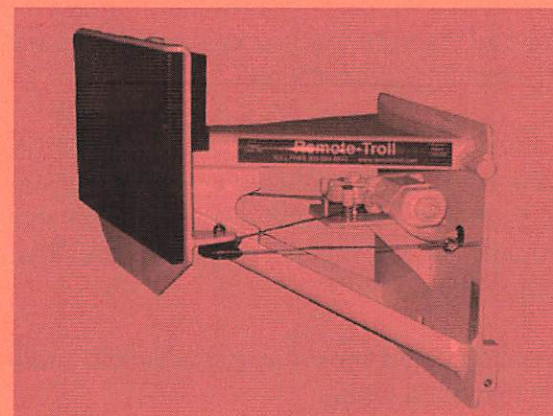
Website: [www.remotetroll.com](http://www.remotetroll.com)



# **REMOTE-TROLL**

## **OWNER'S MANUAL**

For Models  
**With Cable-Pulley Drive**





## **INTRODUCTION**

Your Remote-Troll outboard motor mount is the finest device available in the market today for remote steering of your fishing boat while trolling! After it is installed properly and you become familiar with its operation, it will provide you with unparalleled convenience and enjoyment while fishing. The following information will provide many years of trouble-free operation of your Remote-Troll unit.

## **INSTALLATION**

**ALWAYS** dry fit before drilling any holes in your boat or Remote-Troll brackets. If you have any questions, call us before drilling (800-584-6943). Brackets with holes drilled in them may not be exchanged.

Most transoms and swim decks do not need a reinforcing backing plate. However, if there is any doubt about your transom or swim deck, then you should reinforce it. Backing plates can be made of plywood, aluminum, metal angle, or other rigid material.

Transom mounted Remote-Trolls come packaged with a drilling template and mounting instructions.

Swim deck brackets are not pre-drilled. Position the bracket square with the boat. Before drilling holes, make sure that you have access to the inside of the swim deck so that you can install nuts on bolts. Apply sealant of your choice. Install all four bolts, and secure them tightly.

All mounting bolts should be checked periodically to make sure that they aren't working loose.

Attach a safety strap/cable from the boat transom to your trolling motor to prevent loss if motor comes loose.

## **PARTS REPLACEMENT AND REPAIRS**

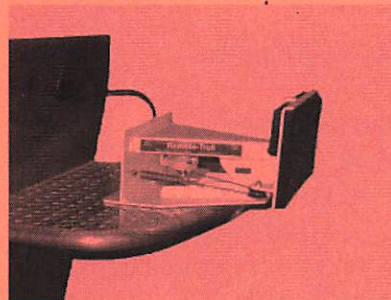
Most of the parts for your Remote-Troll can be replaced. We have rebuilt Remote-Trolls that are more than 20 years old and they work like new. Parts can be purchased through your local Remote-Troll dealer, if available, or from the Factory Outlet Store. Please call us on our toll-free line (800-584-6943) to locate the dealer nearest you or to place an order.

## **COMMON PART NUMBERS:**

SP-SW2041	Switch with 20' cord for black marinco plugs
SP-SW2040	Switch with 20' cord for silver 4-prong plugs
SP-SW034	Switch with 3' cord ("pigtail"), four wire
SP-SSC1	Stainless steel cable, 2-pack
SP-SSS1	Stainless steel spring
SP-PA	Pulley assembly
SP-MT100	Replacement motor
SP-MP	Electrical connector – male (black plug) marinco
SP-FP	Electrical connector – female (black plug) marinco
WR-400	Wireless Remote with 2 Fobs

If you change boats but keep your Remote-Troll, you may need new mounting brackets. Call us and we will help you determine which brackets are appropriate for your new boat.

RT-75-W Compact



RT-200-TL





## **TROUBLE SHOOTING**

### Unit turns only one way

First check the tension on the spring. If the spring/cable is properly tensioned, then you most likely have a malfunctioning rocker switch or switch-cord connection. Check connections and condition of the cord.

Check the motor: Disconnect the power cord from the transom plug and remove the male end. Connect leads to an independent source of power (12 Volt battery or charger). If the unit works in either polarity you most likely have a non-working switch-cord. If you get no response from the motor when pigtail is attached directly to a power source, the motor needs to be replaced.

### No Motor response

First, check the fuse in the battery lead and the fuse in the male plug. If the fuses are OK, pull the power cord plug from the transom outlet and remove the male plug. Touch pigtail leads to a 12 Volt battery or charger directly. The motor should turn freely in one direction. Reverse the wires and it should turn freely in the other direction. If there is no response in either of the directions, the motor is defective. Be sure to check all connections.

### Motor and cable-spool turning, but kicker assembly mounting does not move.

Insufficient cable tension, increase tension as per instructions in the "Maintenance and Servicing" section.

## **WIRELESS REMOTE CONTROL**

When installing the Wireless Accessory, do not power the Wireless and the Power Cord at the same time. For convenience, a three-way six-pole switch may be installed with the Wireless connected to one side and the Power Cord to the other.

## **PRODUCT LIMITATIONS AND PROPER USE**

Your Remote-Troll unit will withstand a great deal of use, however, there are limitations. The horsepower rating limits are: 10-hp for four-stroke motors and 15-hp for two-stroke motors. The reason for these limitations is the torque limit of our 12v motor that powers the steering system. The structure of the Remote-Troll frame is sufficiently strong to mount larger motors, but at throttle settings above normal 1 to 3 mph trolling speeds, the thrust of the larger motors may over-power the Remote-Troll's torque and make turning difficult or impossible. This limitation could cause safety problems in swift current and/or cross-wind situations.

Trailer your boat with the outboard motor on the Remote-Troll is not recommended. The heavy vibration and shock-loads experienced when trailering the cantilevered motor could eventually cause damage to the Remote-Troll unit, transom or swim platform. If you must leave the motor on the Remote-Troll while trailering, you must support the motor with a non-flexible strut or "transom-saver" attached to both the trailer and the motor. **FAILURE TO EITHER REMOVE THE MOTOR OR SUPPORT IT WITH A STRUT WHILE TRAILERING WILL VOID YOUR WARRANTY. REMOTE-TROLL MANUFACTURING WILL NOT BE HELD RESPONSIBLE FOR DAMAGE TO YOUR REMOTE-TROLL, YOUR MOTOR, YOUR BOAT, OR YOUR TRAILER IF THESE INSTRUCTIONS ARE NOT FOLLOWED.**



## **MAINTENANCE AND SERVICING**

The Remote-Troll unit is well built and rugged! It does require, however, that you keep it clean and lubricated. Greasing the main pivot pin at least once a year (you will see an access hole to the zerk-fitting just behind the moveable transom) will prevent wear and seizing of the unit and allow it to function for many years. Maintaining proper tension on the stainless steel cable is necessary for proper operation. The tension is adjusted (by tightening the eye-bolts equally) until the distance between hooked ends of the spring measures 4-3/4". All bolts should be tight and should be checked periodically. Power cords, switch cords, and connectors should be checked from time to time to ensure that the insulation has not worn leaving conductors exposed or that connections have not come loose or corroded.

If the Remote-Troll is used in salt water, rinsing the entire unit with fresh water following each use will lengthen the life of individual parts and the Remote-Troll assembly.

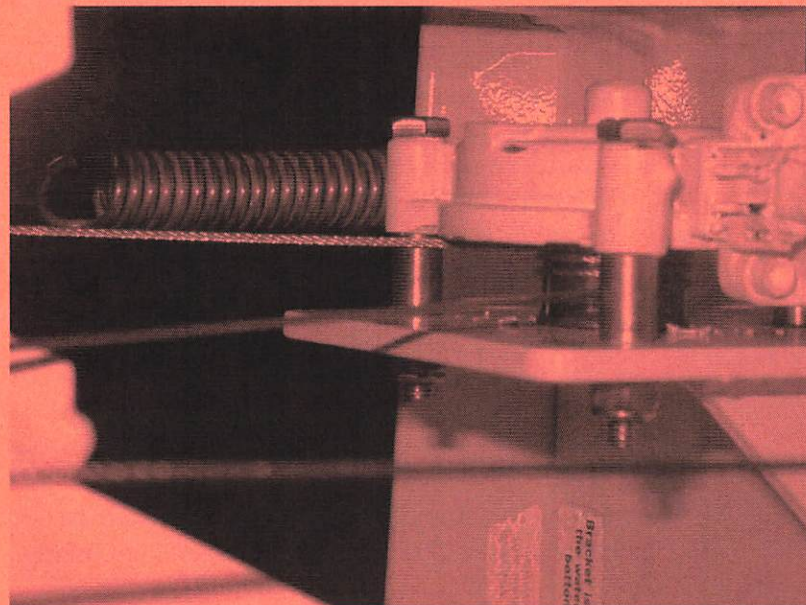
## **INSTALLING A STAINLESS STEEL DRIVE CABLE**

- 1) Remove the Remote-Troll from the boat by removing the two bottom bolts and lifting the Remote-Troll from the mounting bracket.
- 2) Position the Remote-Troll on a workbench with the black High Density Polyethylene facing up.
- 3) Stand with the bottom of the Remote-Troll toward you.
- 4) From the right side, insert the cable inside the motor mount spacer.
- 5) Feed the cable down around the drum and up the left side until it comes out. The cable should now be wrapped around the drum, with the ends coming out between the two motor mount spacers.
- 6) Hold the first wrap on the left side against the motor mount and begin the second wrap. By holding the left side, you will be able to make the second wrap above (toward the motor) the first wrap. Continue as with the first wrap.
- 7) Now hold both wraps against the mounting plate and make

(4)

a third wrap.

- 8) When you have completed the third wrap, put the right end over the pulley and pull it down and attach it to the eyebolt.
- 9) Put the left end over the left pulley and attach it to the tensioning spring.
- 10) Pull the spring down and attach it to the eyebolt. Using a screwdriver or vice grips helps to make the pulling easier.
- 11) Tighten the nuts on the eyebolts equally until the distance between hooked ends of the spring measures 4-3/4". This will be enough tension for most motors. If you find the cable slipping on the drum, add more tension.



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