



# REMOTE TROLL

## OWNER'S MANUAL

For Models

With DirecGear Drive™



## INTRODUCTION

Your Remote-Troll outboard motor mount is perhaps the finest system available in the market today for remote steering of your fishing boat while trolling! The following information will help you enjoy many years of trouble-free operation of your Remote-Troll unit.

Review the detailed instructions describing the proper installation of the Remote-Troll bracket. If a dealer installed your Remote-Troll, check to see that it is attached securely and properly on the boat transom or swim platform in accordance with the installation directions that came with the unit. If there is any question regarding the installation, please contact your dealer or Remote-Troll Mfg. for clarification.

### Installation Instructions

Remote-Trolls are easy to install. **IMPORTANT:** Before drilling any holes in the boat, “dry fit” your Remote-Troll. With some assistance, hold the Remote-Troll in place. Does this location place the Remote-Troll square with the boat? Is there any interference with cables, fuel lines, trim tabs, or the main motor? Will this location put the propeller of the trolling motor sufficiently deep in the water? The cavitation plate should be a minimum of 1”-2” in the water – more if you will be using the trolling motor in big water, such as the ocean or Great Lakes. Make sure, also, that the Remote-Troll is not too low – compare the water line with the depth sticker on the Remote-Troll. If you drill holes in a Remote-Troll bracket, it cannot be returned or exchanged for a different bracket. Therefore, use dry fitting to make sure you have the correct bracket before drilling any holes.

### **Transom mount installations:**

Transom brackets are installed with four bolts through the transom. Some transoms are sufficiently strong to support the Remote-Troll. Others are not. If there is any doubt, use a backing plate on the inside of the transom. The backing plate can be any rigid material (aluminum, plywood, etc.) that will distribute the load. The nuts and washers are installed on the inside of the transom.

### **Swim platform installations:**

Swim platform brackets are installed with four bolts through the swim platform. Some swim platforms are stronger than others. Your swim platform installation may need a backing plate. Also, if it is not strong enough to carry the weight of the Remote-Troll and the motor, you may need to add support to the platform. If you are unsure, contact your boat dealer or Remote-Troll Mfg. prior to installation.

After determining where your holes are to be located, drill 3/16" pilot holes first, then drill the final holes with a 7/16" bit. Caution: Determine location for female plug and drill the 1 1/8" hole through transom.

Ensure all nuts are snug, and check them frequently. Always use a safety strap or cable sufficiently strong to support motor.

If you have any questions, please seek professional help from a marine dealer or call Remote-Troll Mfg before proceeding.

## ATTACHMENT OF THE OUTBOARD MOTOR

The attachment of the outboard motor is very basic. Center the outboard motor over the moveable transom of the Remote-Troll and lower it down until it is seated. Tighten the motor clamps until the motor is seated firmly against the black high-density polyethylene. Using the proper tool for the motor, tighten the motor pivot to lock your motor in the centered position (See your motor's owner's manual for instructions).

A safety strap/cable sufficiently strong to support your motor is mandatory while trailering or on the water. To prevent possible damage to the actuator, secure trolling motor to prevent "left/right" movement.

## 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 will prevent wear and provide smooth operation. Lubricating the rod of the Directgear drive actuator with a silicone-based lubricant before each use will allow the rod to run through the watertight seal without any resistance.

All bolts should be tight and need to be checked periodically. Power 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. All these things should be checked from time to time, but certainly inspected thoroughly each year at the beginning of the boating/fishing season.

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 of the Remote-Troll assembly.



## PRODUCT LIMITATIONS AND PROPER USE

Your Remote-Troll unit will withstand a great deal of use, however, there are limitations. The maximum horsepower rating limit is 15 horsepower.

To prevent possible damage to steering actuator motor, extending the useful life of your Remote-Troll, secure trolling motor using ratchet strap, to prevent left/right movement while trailering or on the water except when trolling.

Trailering your boat with the outboard motor on the Remote-Troll is not recommended. However, if you must leave the motor on the Remote-Troll while trailering, using a non/flexible strut or “transom-saver” attached to both the trailer and the motor is mandatory. **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.**

## TROUBLESHOOTING

### Unit turns only one way

Most likely a malfunctioning rocker switch or a switch-cord connection. Check connections and condition of the cord. Disconnect the power cord from the transom plug and remove the male end. Connect pigtail leads to an independent source of power (12v 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 Direcgear Drive when attached directly to a power source, the Direcgear Drive needs to be replaced.

### No Direcgear Drive 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. Revers wires and it should turn freely in the other direction. If there is no response in either of the directions, the Direcgear Drive is defective. Be sure to check all connections.

## **PARTS REPLACEMENT AND REPAIRS**

Most of the parts for your Remote-Troll can be replaced. We have repaired Remote-Trolls that are more than 30 years old and they work like new. Parts can be purchased through your local Remote-Troll dealer, if available, or directly from the Remote-Troll 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  
SP-DGD      Replacement DirecGear Drive™  
SP-HDPE      High Density Polyethylene set with hardware  
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.

## 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.

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

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

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

Retain purchase receipt for warranty qualification.

### **Remote-Troll Manufacturing**

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