



[www.lionelcorporation.com](http://www.lionelcorporation.com)

# No. 43 and No. 44 Boats

OPERATOR'S MANUAL

PLEASE READ BEFORE USE AND SAVE

## Speed and Cruising Time

This Lionel boat travels at about 100 feet per minute. On one winding, it will run three to four minutes.

## Automatic Steering

An unusual feature of the Lionel boat is that it will steer automatically. The boat will go out in a straight line almost 150 feet, then it will turn and come back toward the starting position. To do this, loosen the Rudder Lock so that the rudder is free. Put the brake on and wind the spring fully. Place the boat in the water and release the brake. The automatic steering mechanism will do its work like magic.

Of course, the accuracy of the steering will depend largely on the condition of the water or the strength of the wind, as even the largest ships are at the mercy of the elements.

## Straight Away Racing

If you tighten the Rudder Lock by screwing it down, you eliminate the self-steering action. Adjust the rudder to any desired position. If it is perfectly straight, the boat will travel in a straight line. If you set it at a slight angle, the boat will circle-the diameter of the circle depending upon the angle of the rudder - the sharper the angle the smaller the circle and the more times around it will go. You can experiment with the rudder adjustment until you get the desired effect. Sometimes, you may encounter a little resistance in setting the rudder. This is due to the action of the spring and has no bearing on the condition of the mechanism.

## Method of Lubrication

Provided that you take care of your Lionel boat, it will last indefinitely, as it has been constructed of the finest materials obtainable. All of the working parts are scientifically designed and built with great precision. It is up to you to keep them properly lubricated. We recommend using motor oil (10W-40 or 10W-30) for lubrication. Apply oil sparingly using a toothpick or similar lubricant.

When the spring is unwound, pour several drops of oil down the winding shaft. This will lubricate the winding shaft and winding gears (see Figure 1).

You will have one of the following models:

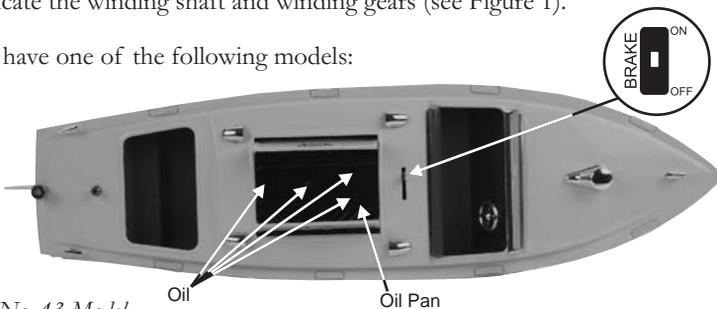


Figure 1: No. 43 Model

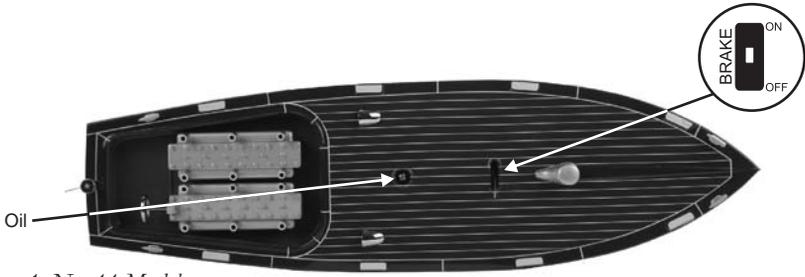


Figure 1: No. 44 Model

With the spring wound up tightly, pour several more drops of oil down the winding shaft. This will lubricate the spring. Be sure to freely oil the shaft as this is the only oiling point for the winding mechanism and any excess oil goes into an oil pan provided for that purpose.

The rudder and propeller shaft should be lubricated at the points indicated in Figure 2. You can do this best by turning the boat upside down so that the oil will run down into the rudder shaft and propeller head.

You will have one of the following models:

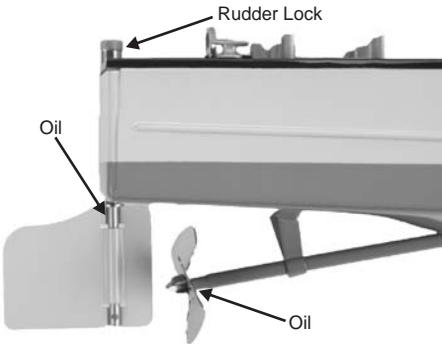


Figure 2: No. 43 Model

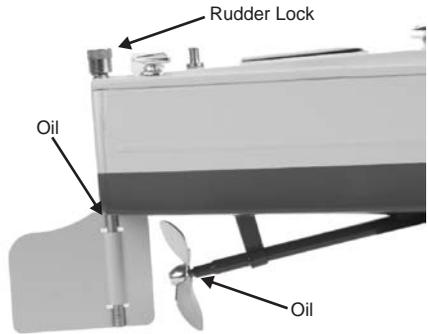


Figure 2: No. 44 Model

**WARNING: The mechanic and driver figures are plaster castings and are very fragile. They should be handled with the utmost care.**

Lubricate your boat before and after you use it and you will have fun for a long, long time.

**Please dry boat thoroughly after using, especially after use in salt water. It is well advised to apply a coating of wax on the outside of the boat to preserve the finish.**

## Caution

Do not allow the motor to run when out of water. The gears, which are strong enough to withstand hundreds of hours of constant use in the water, may be quickly damaged if motor is permitted to run out of water.

# Service & Warranty Information

## How to Get Service Under the Terms of the Limited One-Year Warranty

When you suspect an item is defective, please check the operator's manual for standard operation and troubleshooting techniques that may correct the problem. Additional information may be found on the M.T.H. Website. Should you still require service, follow the instructions below to obtain warranty service. First, e-mail, write, call or fax a M.T.H. Authorized Service Center (ASC) in your area to obtain Repair Authorization. You can find the list of ASCs on the M.T.H. Website, [www.mthtrains.com](http://www.mthtrains.com). Authorized Service Centers are required to make warranty repairs on items sold only from that store; all other repairs may-- or may not be done at the store's own discretion. If you did not purchase the item directly from the ASC, you will need to select a National Authorized Service Center (NASC). These centers are compensated by M.T.H. to perform warranty service for any customer whose repair qualifies for warranty service. A list of NASC retailers can be located on the M.T.H. Website or by calling 410-381-2580. Should the warranty no longer apply, you may choose either an ASC or NASC retailer to service your M.T.H. Product. A reasonable service fee will be charged.

**CAUTION:** Make sure the product is packed in its original factory packaging including its foam and plastic wrapping material to prevent damage to the merchandise. There is no need to return the entire set if only one of the components is in need of repair unless otherwise instructed by the Service Center. The shipment must be prepaid and we recommend that it be insured. A cover letter including your name, address, daytime phone number, e-mail address (if available), Return Authorization number (if required by the service center, a copy of your sales receipt and a full description of the problem must be included to facilitate the repairs. Please include the description regardless of whether you discussed the problem with a service technician when contacting the Service Center for your Return Authorization.

Please make sure you have followed the instructions carefully before returning any merchandise for service. Authorized M.T.H. Service Centers are independently owned and operated and are not agents or representatives of M.T.H. Electric Trains. M.T.H. assumes no responsibility, financial or otherwise, for material left in their possession, or work done, by privately owned M.T.H. Authorized Service Centers.

If you need assistance at any time email MTH Service at [service@mth-railking.com](mailto:service@mth-railking.com), or call 410 381-2580.

### Limited One-Year Warranty

All M.T.H. products purchased from an M.T.H. Authorized Retailer are covered by this warranty provided the product was manufactured within five years of the date of purchase. This warranty is for the original purchaser and is non-transferable.

See our website [www.mthtrains.com](http://www.mthtrains.com) to identify an M.T.H. Authorized Retailer near you.

M.T.H. products may be registered online in advance of warranty work at [www.mthtrains.com/warranty](http://www.mthtrains.com/warranty). The original sales receipt and the conditions below must be met regardless of whether the product is registered on the M.T.H. website in order to obtain warranty service.

M.T.H. products manufactured within five years from the date of purchase are warranted for one year against defects in material or workmanship, excluding wear items such as light bulbs, pick-up rollers, batteries, smoke unit wicks, and traction tires. We will repair, replace, or credit (at our option) the defective part without charge for the parts or labor if the following conditions are met: (1) the item is returned to an M.T.H. Authorized Service Center\* (ASC) or M.T.H. National Authorized Service Center (NASC) or M.T.H. Electric Trains Service Department, (2) was manufactured within the previous five years and (3) was purchased within one year of the original date of purchase from an M.T.H. Authorized Retailer. Products manufactured after the five year cutoff from the date of purchase are not covered under any warranty by M.T.H. Electric Trains. The manufacture date of an item can be verified on the item's detail page "shipping date field" on the M.T.H. website ([www.mthtrains.com](http://www.mthtrains.com)). This warranty does not cover damages caused by improper care, handling, or use. Transportation costs incurred by the customer are not covered under this warranty.

Items sent for repair must be accompanied by a return authorization number, a description of the problem, and a **copy of the original sales receipt from an M.T.H. Authorized Retailer**, which gives the date of purchase. If you are sending this product to an Authorized Service Center, contact that Center for their return authorization.

This warranty gives you specific legal rights, and you may have other rights that vary from state to state. Specific questions regarding the warranty may be forwarded to M.T.H. Directly.

\* Authorized Service Centers (ASC) are only obligated to provide warranty service for any consumer who has purchased the specific M.T.H. item from them that requires service work.

Service Department:  
M.T.H. Electric Trains  
7020 Columbia Gateway Drive  
Columbia MD 21046-1532