

Mirax Tank Owner's Record

Model No. _____ Serial No. _____

Date of Mfg. _____

Date of Purchase _____

Purchased From _____

IMPORTANT: Please fill in blanks and file this page with your other important boat papers.

PREVENTATIVE MAINTENANCE CONTINUED

develops it will normally be within the capsule, which can be easily removed and replaced in a few minutes and requires no special maintenance.

- 2) Also available is a coated steel, top mount, electrical unit (not available as a mechanical unit) which can be installed in every Mirax tank. This liquid level unit lacks the convertability of the Mirax combination unit, but, over the years has been a dependable, relatively trouble-free device requiring no special maintenance.

IV. PARTS LIST

- 1.) Fuel Tank: Designated by Serial Number
- *2.) Spuds (2): Part No. A-109 (3/8 FPT) (Portable Models)
- *3.) Fill Neck: Part No. A-110 (Permanent Models)
- *4.) Vent Tube: Part No. A-111 (Permanent Models)
- 5.) Liquid Level Unit:
 - a) Combination Unit: M-7011 series.
Furnish tank serial or Model No. to secure proper unit.
 - b) Top-Mounted Steel Unit: M-97 series.
Furnish tank serial or model No. to secure proper unit.
- 6) Withdrawal Assembly:
 - a) A-72 series:
Furnish tank serial or model No. to secure proper unit.

*These are integral parts of the tank and are not replaceable.

MIRAX

SERVICE AND MAINTENANCE SUGGESTIONS

- I. General Information
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 - 1) Mirax Combination Unit
 - 2) Top mounted, steel unit
- IV. Parts List

Very Important
Save This Booklet

These Suggestions Should Be Carefully Noted

I. GENERAL INFORMATION

Your Mirax Fuel tank is made of 11 gauge (.090) or heavier aluminum sheet (Type 5052-H32) and is fabricated and tested to meet Boating Industry recommendations.

This type aluminum is one of several recommended by the aluminum association as suitable for the manufacture of fuel tanks used in a marine atmosphere.

Your Mirax Marine Fuel tank is equipped with a fuel level indicator, (mechanical or electrical), fuel withdrawal assembly, vent spud (usually plugged) and fill tube (if a portable model—fill neck and vented cap). Each tank carries a permanently affixed label which provides the tank serial number, month of manufacture, and the limited Mirax warranty.

II. ADJUSTMENT & CHECKS BEFORE USING

Most fuel systems are installed by the boat manufacture at his plant. There are instances when a dealer will perform this service or you may elect to do the job yourself. It is important to remember that *every fuel system, permanent, conversion or portable type, must withstand a pressure test of 3 pounds per square inch to assure all fittings, clamps and hoses are secure against leakage.* It is advisable to recheck the entire fuel system before use (at least weekly or more frequently, depending on usage of the boat) to make sure vibration has not shaken something loose. We suggest a minimum check list would include the following:

- 1) Tank is secure in place and not mounted directly onto a fiberglass or other abrasive surface.
- 2) Fittings and hose clamps are secure but not cutting into hose.
- 3) Tank is properly grounded to the Deck Fill and also to a common ground point.
- 4) Fill and Vent Hose are intact and not kinked shut.

III. PREVENTIVE MAINTENANCE

A. Tank

1) Construction

Your Mirax tank is of all welded construction. All spuds and integral parts are welded, swaged or firmly secured in place and, ordinarily, will withstand considerable abuse. All Mirax tanks are thoroughly cleaned and carefully inspected before shipment from the Mirax plant. But, to insure best results and long life, the tank will require proper care.

2) Exterior

The exterior should be checked periodically to insure corrosion has not set in. This is particularly true in a salt water atmosphere.

3) Interior

a) The interior of the tank is not painted or coated in any manner. When in use the tank is normally filled with gasoline, so possible damage from condensation is reduced to a minimum. Storage of the boat for a period of several months could present a problem. Filling the tank with gasoline during storage reduces possible damage from condensation, however we recommend the tank be siphoned down, completely, and then a gasoline soluble, capillary active rust preventive (compatible for use with aluminum) be poured into the tank in sufficient quantity to enable a complete coating of the tank interior (12 gallon capacity, approximately 8 ounces; 18 gallon capacity, approximately 12 ounces; etc.).

b) Present recommendations require a tank be thoroughly inspected, inside and out, at least once every year. In the interest of safety we suggest it is good practice to thoroughly inspect every fuel tank at least once per month, to make certain the integrity of the tank is preserved.

B. Withdrawal Assembly

All Mirax aluminum fuel tanks are equipped with a withdrawal assembly consisting of a aluminum elbow, nylon withdrawal tube, nylon filter base, and screen. All the materials are virtually inert to gasoline and should operate trouble-free for years.

C. Liquid Level Unit

1) The Mirax combination tank unit is made with a heavy cast aluminum head, aluminum tube, stainless steel gears and a polyurethane coated cork float. All action is mechanically activated and magnetically controlled so as to eliminate any electrical connections inside the tank. This combination unit can be easily converted from mechanical type to electrical type (a dash mounted gauge) without removing the tank unit from the tank. Merely interchange capsules on the top of the unit to accomplish the conversion, thus preserving the integrity of the tank. If trouble

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MIRAX CHEMICAL PRODUCTS CORP.

Marine Products Division

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Mirax Chemical Products Corporation was established in 1932. Since that date our management and employees, working as a team, have constantly endeavored to design and manufacture quality products, render excellent service and hold the cost to our customer at a reasonable level. The fact that many of our products have been in service for years will attest to the success of our efforts.

Most boaters have learned the value of good care and preventative maintenance and this booklet is intended only as a guide to assist you to obtain the safest and the most efficient use of your Mirax Fuel Tank.

Remember
SAFE BOATING IS NO ACCIDENT!