If the outboard motor’s serial number plate contains the CE mark in the lower left-hand corner, the following statement applies:

This outboard motor manufactured by Mercury Marine, Fond du Lac, Wisconsin, USA or Marine Power Europe Inc. Park Industriel, de Petit-Rechain, Belgium complies with the requirements of the following directives and standards, as amended:

Machinery Directive: 98/37/EC,
EMC Directive: 89/336/EC; std. EN50081-1, SAE J551 (CISPR Pub. 12), EN 50082-1, IEC 61000 PT4-2, IEC 61000 PT4-3

Patrick C. Mackey
President, Mercury Marine, Fond du Lac, WI USA
European Regulations Contact:
Product Environmental Engineering Department, Mercury Marine, Fond du Lac, WI USA

EPA Emissions Regulations

Outboards manufactured by Mercury Marine in the United States are certified to the United States Environmental Protection Agency as conforming to the requirements of the regulations for the control of air pollution from new outboard motors. This certification is contingent on certain adjustments being set to factory standards. For this reason, the factory procedure for servicing the product must be strictly followed and, wherever practicable, returned to the original intent of the design. Maintenance, replacement, or repair of the emission control devices and systems may be performed by any marine engine repair establishment or individual.

Engines are labeled with an Emission Control Information decal as permanent evidence of EPA certification.

⚠️ WARNING

The engine exhaust from this product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
Thank You

For your purchase of one of the finest outboards available. You have made a sound investment in boating pleasure. Your outboard has been manufactured by Mercury Marine, a world leader in marine technology and outboard manufacturing since 1939. These years of experience have been committed to the goal of producing the finest quality products. This led to Mercury Marine's reputation for strict quality control, excellence, durability, lasting performance and being the best at providing after-the-sale support.

Please read this manual carefully before operating your outboard. This manual has been prepared to assist you in the operation, safe use and care of your outboard.

All of us at Mercury Marine took pride in building your outboard and wish you many years of happy and safe boating.

Again, thank you for your confidence in Mercury Marine.

Warranty Message

The product you have purchased comes with a limited warranty from Mercury Marine, the terms of the warranty are set forth in the Warranty Information Section of this manual. The warranty statement contains a description of what is covered, what is not covered, the duration of coverage, how to best obtain warranty coverage, important disclaimers and limitations of damages, and other related information. Please review this important information.

The description and specifications contained herein were in effect at the time this manual was approved for printing. Mercury Marine, whose policy is one of continued improvement, reserves the right to discontinue models at any time, to change specifications, designs, methods, or procedures without notice and without incurring obligation.


The following are registered trademarks of Brunswick Corporation: AutoBlend, Force, Jet-Prop, Mariner, Merc, MerCathode, MerCruiser, Mercury, Mercury Marine, Quicksilver, RideGuide and Thruster.
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WARRANTY INFORMATION

Warranty Registration

UNITED STATES AND CANADA

1. To be eligible for warranty coverage, the product must be registered with Mercury Marine. At the time of sale, the dealer should complete the warranty registration and immediately submit it to Mercury Marine via MercNet, E-mail, or mail. Upon receipt of this warranty registration, Mercury Marine will record the registration.

2. Upon processing the warranty registration, Mercury Marine will send registration verification by mail to the purchaser of the product. If this registration verification is not received within 30 days, please contact your selling dealer immediately. Warranty coverage is not effective until your product is registered with Mercury Marine.

NOTE: Registration lists must be maintained by Mercury Marine and dealer on marine products sold in the United States, should a safety recall notification under the Federal Boat Safety Act be required.

3. You may change your address at any time, including at time of warranty claim, by calling Mercury Marine or sending a letter or fax with your name, old address, new address, and engine serial number to Mercury Marine’s warranty registration department. Your dealer can also process this change of information.

Mercury Marine
Attn: Warranty Registration Department
W6250 Pioneer Road
P.O. Box 1939
Fond du Lac, WI 54935-1939
Phone: 920-929-5054
Fax: 920-929-5893
WARRANTY INFORMATION

Warranty Registration

OUTSIDE THE UNITED STATES AND CANADA

1. It is important that your selling dealer fills out the Warranty Registration Card completely and mails it to the distributor or Marine Power Service Center responsible for administering the warranty registration/claim program for your area.

2. The Warranty Registration Card identifies your name and address, product model and serial number(s), date of sale, type of use and the selling distributor’s/dealer’s code number, name and address. The distributor/dealer also certifies that you are the original purchaser and user of the product.

3. A copy of the Warranty Registration Card, designated as the “Purchaser’s Copy”, MUST be given to you immediately after the card has been completely filled out by the selling distributor/dealer. This card represents your factory registration identification, and should be retained by you for future use when required. Should you ever require warranty service on this product, your dealer may ask you for the Warranty Registration Card to verify date of purchase and to use the information on the card to prepare the warranty claim form(s).

4. In some countries, the Marine Power Service Center will issue you a permanent (plastic) Warranty Registration Card within 30 days after receiving the “Factory Copy” of the Warranty Registration Card from your distributor/dealer. If you receive a plastic Warranty Registration Card, you may discard the “Purchaser’s Copy” that you received from the distributor/dealer when you purchased the product. Ask your distributor/dealer if this plastic card program applies to you.

5. For further information concerning the Warranty Registration Card and its relationship to Warranty Claim processing, refer to the “International Warranty”.

IMPORTANT: Registration lists must be maintained by the factory and dealer in some countries by law. It is our desire to have ALL products registered at the factory should it ever be necessary to contact you. Make sure your dealer/distributor fills out the warranty registration card immediately and sends the factory copy to the Marine Power International Service Center for your area.
WARRANTY INFORMATION

Outboard Limited Warranty

UNITED STATES AND CANADA

Outside the United States and Canada – Check with your local distributor.

WHAT IS COVERED: Mercury Marine warrants its new Outboard and Jet products to be free of defects in material and workmanship during the period described below.

DURATION OF COVERAGE: This Limited Warranty provides coverage for one (1) year from either the date the product is first sold, or the date on which the product is first put into service, whichever occurs first. The repair or replacement of parts, or the performance of service under this warranty, does not extend the life of this warranty beyond its original expiration date. Unexpired warranty coverage can be transferred from one recreational use customer to a subsequent recreational use customer upon proper re-registration of the product. Unexpired warranty coverage cannot be transferred either to or from a commercial use customer. Commercial use is defined as any work or employment related use of the product, or any use of the product which generates income, for any part of the warranty period, even if the product is only occasionally used for such purposes.

CONDITIONS THAT MUST BE MET IN ORDER TO OBTAIN WARRANTY COVERAGE: Warranty coverage is available only to retail customers that purchase from a Dealer authorized by Mercury Marine to distribute the product in the country in which the sale occurred, and then only after the Mercury Marine specified pre-delivery inspection process is completed and documented. Warranty coverage becomes available upon proper registration of the product by the authorized dealer. Routine maintenance outlined in the Operation and Maintenance Manual must be timely performed in order to maintain warranty coverage. Mercury Marine reserves the right to make warranty coverage contingent upon proof of proper maintenance.

WHAT MERCURY WILL DO: Mercury’s sole and exclusive obligation under this warranty is limited to, at our option, repairing a defective part, replacing such part or parts with new or Mercury Marine certified re-manufactured parts, or refunding the purchase price of the Mercury product. Mercury reserves the right to improve or modify products from time to time without assuming an obligation to modify products previously manufactured.

HOW TO OBTAIN WARRANTY COVERAGE: The customer must provide Mercury with a reasonable opportunity to repair, and reasonable access to the product for warranty service. Warranty claims shall be made by delivering the product for inspection to a Mercury dealer authorized to service the product. If purchaser cannot deliver the product to such a dealer, written notice must be given to Mercury. We will then arrange for the inspection and any covered repair. Purchaser in that case shall pay for all related transportation charges and/or travel time. If the service provided is not covered by this warranty, purchaser shall pay for all related labor and material, and any other expenses associated with that service. Purchaser shall not, unless requested by Mercury, ship the product or parts of the product directly to Mercury. Proof of registered ownership must be presented to the dealer at the time warranty service is requested in order to obtain coverage.
Outboard Limited Warranty

UNITED STATES AND CANADA

WHAT IS NOT COVERED: This limited warranty does not cover routine maintenance items, tune ups, adjustments, normal wear and tear, damage caused by abuse, abnormal use, use of a propeller or gear ratio that does not allow the engine to run in its recommended wide-open-throttle RPM range (see the Operation and Maintenance Manual), operation of the product in a manner inconsistent with the recommended operation/duty cycle section of the Operation and Maintenance Manual, neglect, accident, submersion, improper installation (proper installation specifications and techniques are set forth in the installation instructions for the product), improper service, use of an accessory or part not manufactured or sold by us, jet pump impellers and liners, operation with fuels, oils or lubricants which are not suitable for use with the product (see the Operation and Maintenance Manual), alteration or removal of parts, water entering the engine through the fuel intake, air intake or exhaust system, or damage to the product from insufficient cooling water caused by blockage of the cooling system by a foreign body, running the engine out of water, mounting the engine too high on the transom, or running the boat with the engine trimmed out too far. Use of the product for racing or other competitive activity, or operating with a racing type lower unit, at any point, even by a prior owner of the product, voids the warranty.

Expenses related to haul-out, launch, towing, storage, telephone, rental, inconvenience, slip fees, insurance coverage, loan payments, loss of time, loss of income, or any other type of incidental or consequential damages are not covered by this warranty. Also, expenses associated with the removal and/or replacement of boat partitions or material caused by boat design for access to the product are not covered by this warranty.

No individual or entity, including Mercury Marine authorized dealers, has been given authority by Mercury Marine to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against Mercury Marine.

For additional information regarding events and circumstances covered by this warranty, and those that are not, see the Warranty Coverage section of the Operation and Maintenance Manual, incorporated by reference into this warranty.

DISCLAIMERS AND LIMITATIONS:

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/COUNTRIES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY 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 AND COUNTRY TO COUNTRY.
WARRANTY INFORMATION

3 Year Limited Warranty Against Corrosion

WHAT IS COVERED: Mercury Marine warrants that each new Mercury, Mariner, Mercury Racing, Sport Jet, M2 Jet Drive, Tracker by Mercury Marine Outboard, Mercury Cruiser Inboard or sterndrive engine (Product) will not be rendered inoperative as a direct result of corrosion for the period of time described below.

DURATION OF COVERAGE: This limited corrosion warranty provides coverage for three (3) years from either the date the product is first sold, or the date on which the product is first put into service, whichever occurs first. The repair or replacement of parts, or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date. Unexpired warranty coverage can be transferred to subsequent (noncommercial use) purchaser upon proper re-registration of the product.

CONDITIONS THAT MUST BE MET IN ORDER TO OBTAIN WARRANTY COVERAGE: Warranty coverage is available only to retail customers that purchase from a Dealer authorized by Mercury Marine to distribute the product in the country in which the sale occurred, and then only after the Mercury Marine specified pre-delivery inspection process is completed and documented. Warranty coverage becomes available upon proper registration of the product by the authorized dealer. Corrosion prevention devices specified in the Operation and Maintenance Manual must be in use on the boat, and routine maintenance outlined in the Operation and Maintenance Manual must be timely performed (including without limitation the replacement of sacrificial anodes, use of specified lubricants, and touch-up of nicks and scratches) in order to maintain warranty coverage. Mercury Marine reserves the right to make warranty coverage contingent upon proof of proper maintenance.

WHAT MERCURY WILL DO: Mercury’s sole and exclusive obligation under this warranty is limited to, at our option, repairing a corroded part, replacing such part or parts with new or Mercury Marine certified re-manufactured parts, or refunding the purchase price of the Mercury product. Mercury reserves the right to improve or modify products from time to time without assuming an obligation to modify products previously manufactured.

HOW TO OBTAIN WARRANTY COVERAGE: The customer must provide Mercury with a reasonable opportunity to repair, and reasonable access to the product for warranty service. Warranty claims shall be made by delivering the product for inspection to a Mercury dealer authorized to service the product. If purchaser cannot deliver the product to such a dealer, written notice must be given to Mercury. We will then arrange for the inspection and any covered repair. Purchaser in that case shall pay for all related transportation charges and/or travel time. If the service provided is not covered by this warranty, purchaser shall pay for all related labor and material, and any other expenses associated with that service. Purchaser shall not, unless requested by Mercury, ship the product or parts of the product directly to Mercury. Proof of registered ownership must be presented to the dealer at the time warranty service is requested in order to obtain coverage.
3 Year Limited Warranty Against Corrosion

WHAT IS NOT COVERED: This limited warranty does not cover electrical system corrosion; corrosion resulting from damage, corrosion which causes purely cosmetic damage, abuse or improper service; corrosion to accessories, instruments, steering systems; corrosion to factory installed jet drive unit; damage due to marine growth; product sold with less than a one year limited Product warranty; replacement parts (parts purchased by customer); products used in a commercial application. Commercial use is defined as any work or employment related use of the product, or any use of the product which generates income, for any part of the warranty period, even if the product is only occasionally used for such purposes.

Corrosion damage caused by stray electrical currents (on-shore power connections, nearby boats, submerged metal) is not covered by this corrosion warranty and should be protected against by the use of a corrosion protection system, such as the Mercury Precision Parts or Quicksilver MerCathode system and/or Galvanic Isolator. Corrosion damage caused by improper application of copper base anti-fouling paints is also not covered by this limited warranty. If anti-fouling protection is required, Tri-Butyl-Tin-Adipate (TBTA) base anti-fouling paints are recommended on Outboard and MerCruiser boating applications. In areas where TBTA base paints are prohibited by law, copper base paints can be used on the hull and transom. Do not apply paint to the outboard or MerCruiser product. In addition, care must be taken to avoid an electrical interconnection between the warranted product and the paint. For MerCruiser product, an unpainted gap of at least 1.5 inches (38mm) should be left around the transom assembly. Refer to the Operation and Maintenance Manual for additional details.

For additional information regarding events and circumstances covered by this warranty, and those that are not, see the Warranty Coverage section of the Operation and Maintenance Manual, incorporated by reference into this warranty.

DISCLAIMERS AND LIMITATIONS:
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/COUNTRIES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY 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 AND COUNTRY TO COUNTRY.
WARRANTY INFORMATION

Warranty Coverage and Exclusions

The purpose of this section is to help eliminate some of the more common misunderstandings regarding warranty coverage. The following information explains some of the types of services that are not covered by warranty. The provisions set forth following have been incorporated by reference into the Three Year Limited Warranty Against Corrosion Failure, the International Limited Outboard Warranty, and the United States and Canada Limited Outboard Warranty.

Keep in mind that warranty covers repairs that are needed within the warranty period because of defects in material and workmanship. Installation errors, accidents, normal wear, and a variety of other causes that affect the product are not covered.

Warranty is limited to defects in material or workmanship, but only when the consumer sale is made in the country to which distribution is authorized by us.

Should you have any questions concerning warranty coverage, contact your authorized dealer. They will be pleased to answer any questions that you may have.

GENERAL EXCLUSIONS FROM WARRANTY

1. Minor adjustments and tune-ups, including checking, cleaning or adjusting spark plugs, ignition components, carburetor settings, filters, belts, controls, and checking lubrication made in connection with normal services.

2. Factory Installed Jet Drive units – Specific parts excluded from the warranty are: The jet drive impeller and jet drive liner damaged by impact or wear, and water damaged drive shaft bearings as a result of improper maintenance.

3. Damage caused by neglect, lack of maintenance, accident, abnormal operation or improper installation or service.

4. Haul-out, launch, towing charges, removal and/or replacement of boat partitions or material because of boat design for necessary access to the product, all related transportation charges and/or travel time, etc. Reasonable access must be provided to the product for warranty service. Customer must deliver product to an authorized dealer.

5. Additional service work requested by customer other than that necessary to satisfy the warranty obligation.

6. Labor performed by other than an authorized dealer may be covered only under following circumstances: When performed on emergency basis (providing there are no authorized dealers in the area who can perform the work required or have no facilities to haul out, etc., and prior factory approval has been given to have the work performed at this facility).

7. All incidental and/or consequential damages (storage charges, telephone or rental charges of any type, inconvenience or loss of time or income) are the owner’s responsibility.
WARRANTY INFORMATION

Warranty Coverage and Exclusions

8. Use of other than Mercury Precision or Quicksilver parts when making warranty repairs.

9. Oils, lubricants or fluids changed as a matter of normal maintenance is customer’s responsibility unless loss or contamination of same is caused by product failure that would be eligible for warranty consideration.

10. Participating in or preparing for racing or other competitive activity or operating with a racing type lower unit.

11. Engine noise does not necessarily indicate a serious engine problem. If diagnosis indicates a serious internal engine condition which could result in a failure, condition responsible for noise should be corrected under the warranty.

12. Lower unit and/or propeller damage caused by striking a submerged object is considered a marine hazard.

13. Water entering engine through the fuel intake, air intake or exhaust system or submersion.

14. Failure of any parts caused by lack of cooling water, which results from starting motor out of water, foreign material blocking inlet holes, motor being mounted too high or trimmed too far out.

15. Use of fuels and lubricants which are not suitable for use with or on the product. Refer to the Maintenance Section.

16. Our limited warranty does not apply to any damage to our products caused by the installation or use of parts and accessories which are not manufactured or sold by us. Failures which are not related to the use of those parts or accessories are covered under warranty if they otherwise meet the terms of the limited warranty for that product.
WARRANTY INFORMATION

Transfer Of Warranty

The limited warranty is transferable to a subsequent purchaser, but only for the remainder of the unused portion of the limited warranty. This will not apply to products used for commercial applications.

To transfer the warranty to the subsequent owner, send or fax a copy of the bill of sale or purchase agreement, new owner’s name, address and engine serial number to Mercury Marine’s warranty registration department.

Upon processing the transfer of warranty, Mercury Marine will send registration verification to the new owner of the product by mail.

Mercury Marine  
Attn: Warranty Registration Department  
W6250 Pioneer Road  
P.O. Box 1939  
Fond du Lac, WI 54935-1939  
Phone: 920-929-5054  
Fax: 920-929-5893

There is no charge for this service.

For products purchased outside the United States and Canada, contact the distributor in your country, or the Mercury Marine Service Office closest to you.
GENERAL INFORMATION

BOATER’S RESPONSIBILITIES

The operator (driver) is responsible for the correct and safe operation of the boat and safety of its occupants and general public. It is strongly recommended that each operator (driver) read and understand this entire manual before operating the outboard.

Be sure at least one additional person on board is instructed in the basics of starting and operating the outboard and boat handling in case the driver is unable to operate the boat.

BEFORE OPERATING YOUR OUTBOARD

Read this manual carefully. Learn how to operate your outboard properly. If you have any questions, contact your dealer.

Safety and operating information that is practiced along with using good common sense can help prevent personal injury and product damage.

This manual as well as safety labels posted on the outboard use the following safety alerts to draw your attention to special safety instructions that should be followed.

⚠️ DANGER

DANGER – Immediate hazards which WILL result in severe personal injury or death.

⚠️ WARNING

WARNING – Hazards or unsafe practices which COULD result in severe personal injury or death.

⚠️ CAUTION

CAUTION – Hazards or unsafe practices which could result in minor injury or product or property damage.
Do not overpower or overload your boat. Most boats will carry a required capacity plate indicating the maximum acceptable power and load as determined by the manufacturer following certain federal guidelines. If in doubt, contact your dealer or the boat manufacturer.

**WARNING**

Using an outboard that exceeds the maximum horsepower limit of a boat can 1. cause loss of boat control 2. place too much weight at the transom altering the designed flotation characteristics of the boat or 3. cause the boat to break apart particularly around the transom area. Overpowering a boat can result in serious injury, death or boat damage.
GENERAL INFORMATION

PROTECTING PEOPLE IN THE WATER

While You are Cruising

It is very difficult for a person standing or floating in the water to take quick action to avoid a boat heading in their direction even at slow speed.

Always slow down and exercise extreme caution any time you are boating in an area where there might be people in the water.

Whenever a boat is moving (coasting) and the outboard gear shift is in neutral position, there is sufficient force by the water on the propeller to cause the propeller to rotate. This neutral propeller rotation can cause serious injury.

While Boat is Stationary

Shift outboard into neutral and shut off the engine before allowing people to swim or be in the water near your boat.

⚠️ WARNING

Stop your engine immediately whenever anyone in the water is near your boat. Serious injury to the person in the water is likely if contacted by a rotating propeller, a moving boat, a moving gear housing or any solid device rigidly attached to a moving boat or gear housing.
1 The purpose of a lanyard stop switch is to turn off the engine when the operator moves far enough away from the operator’s position (as in accidental ejection from the operator’s position) to activate the switch. Tiller handle outboards and some remote control units are equipped with a lanyard stop switch. A lanyard stop switch can be installed as an accessory – generally on the dashboard or side adjacent to the operator’s position.

2 The lanyard is a cord usually between 4 and 5 feet (1220 and 1524 mm) in length when stretched out with an element on one end made to be inserted into the switch and a snap on the other end for attaching to the operator. The lanyard is coiled to make its at-rest condition as short as possible so as to minimize the likelihood of lanyard entanglement with nearby objects. It is made as long as it is in its stretched condition to minimize the likelihood of accidental activation should the operator choose to move around in an area close to the normal operator’s position. If it is desired to have a shorter lanyard, wrap the lanyard around the operator’s wrist or leg, or tie a knot in the lanyard.

(continued on next page)
GENERAL INFORMATION
Lanyard Stop Switch (Continued)

Read the following Safety Information before proceeding.

Important Safety Information: The purpose of a lanyard stop switch is to stop the engine when the operator moves far enough away from the operator’s position to activate the switch. This would occur if the operator accidentally falls overboard or moves within the boat a sufficient distance from the operator’s position. Accidental ejections and falls overboard are more likely to occur in certain types of boats such as low sided inflatables or bass boats, high-performance boats and light, sensitive-handling fishing boats operated by hand-tiller. Accidental ejections and falls overboard are also likely to occur as a result of poor operating practices such as sitting on the back of the seat or gunwale at planing speeds, standing at planing speeds, sitting on elevated fishing boat decks, operating at planing speeds in shallow or obstacle-infested waters, releasing your grip on a steering wheel or tiller handle that is pulling in one direction, drinking alcohol or consuming drugs, or daring, high-speed boat maneuvers.

While activation of the lanyard stop switch will stop the engine immediately, a boat will continue to coast for some distance depending upon the velocity and degree of any turn at shut-down. However, the boat will not complete a full circle. While the boat is coasting, it can cause injury to anyone in the boat’s path as seriously as the boat would when under power.

We strongly recommend that other occupants be instructed on proper starting and operating procedures should they be required to operate the engine in an emergency (e.g. if the operator is accidentally ejected).

WARNING

Should the operator fall out of the boat, the possibility of serious injury or death from being run over by the boat can be greatly reduced by stopping the engine immediately. Always properly connect both ends of the stop switch lanyard – to the stop switch and the operator.

(continued on next page)
GENERAL INFORMATION

Lanyard Stop Switch (Continued)

Accidental or unintended activation of the switch during normal operation is also a possibility. This could cause any, or all, of the following potentially hazardous situations:

1. Occupants could be thrown forward due to unexpected loss of forward motion – a particular concern for passengers in the front of the boat who could be ejected over the bow and possibly struck by the gear case or propeller.

2. Loss of power and directional control in heavy seas, strong current or high winds.

3. Loss of control when docking.

WARNING

Avoid serious injury or death from deceleration forces resulting from accidental or unintended stop switch activation. The boat operator should never leave the operator’s station without first disconnecting the stop switch lanyard from the operator.
1. Top Cowl
2. Shift Handle
3. Lanyard Stop Switch
4. Tilt Switch
5. Lanyard
6. Anti-Ventilation Plate
7. Propeller
8. Starting Handle
9. Throttle Grip
10. Stop Switch
11. Throttle Grip Friction Knob
12. Choke Knob
13. Transom Clamp Handle
14. Carry Handle
# SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>10 (7.5K)</th>
<th>15 (11.2K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horsepower</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Idle Speed (in Gear)</td>
<td>850 ± 50 RPM</td>
<td></td>
</tr>
<tr>
<td>Maximum Throttle Speed</td>
<td>5000-6000 RPM</td>
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<tr>
<td>Cylinder Bore</td>
<td>60.3mm (2.375 in.)</td>
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</tr>
<tr>
<td>Piston Displacement</td>
<td>262cc (16.0 cu. in.)</td>
<td></td>
</tr>
<tr>
<td>Spark Plug</td>
<td>NGK BP8HS-15</td>
<td></td>
</tr>
<tr>
<td>Spark Plug Gap</td>
<td>1.5mm (.060 in.)</td>
<td></td>
</tr>
<tr>
<td>Recommended Gasoline</td>
<td>Any regular unleaded gasoline with a minimum posted octane rating of 87 or Ron of 92.</td>
<td></td>
</tr>
<tr>
<td>Recommended Oil</td>
<td>Quicksilver or Mercury Precision Lubricants NMMA/BIA Certified TC-W3 2-Cycle Outboard Oil</td>
<td></td>
</tr>
<tr>
<td>Gasoline/Oil Mixture Ratio</td>
<td>50:1 (2%)</td>
<td></td>
</tr>
<tr>
<td>Gear Case Oil Capacity</td>
<td>6.7 fl. oz. (200 ml)</td>
<td></td>
</tr>
</tbody>
</table>
INSTALLATION

Correct
1 Center line of the boat.

Correct Height
1 Cut off the transom.
2 Place a piece of wood.

Tighten the transom clamp handles securely.
INSTALLATION

Drill 2 holes and fasten outboard to transom.

1. Bolts (2)
2. Flat Washers (2)
3. Locknuts (2)
4. Marine Sealer

Fasten security line.

⚠️ WARNING

If the length of security line being used is long enough to allow the outboard to disengage off the boat transom but is too short to not allow the outboard to submerge behind the boat and stop running, the outboard could continue running and propel itself back into the boat with the propeller rotating under power. This exposes the occupants to serious injury or death.
FUEL & OIL

MIXING RATIO

Break-in 50:1 (2%)
After Break-in 50:1 (2%)
Pour oil into fuel tank.
Pour gasoline into fuel tank.

1 Quicksilver or Mercury Precision Lubricants NMMA/BIA Certified TC-W3 2-Cycle Outboard Oil.

2 Gasoline

⚠️ WARNING

Avoid serious injury or death from gasoline fire or explosion. Carefully follow all fuel system service instructions. Always stop the engine and DO NOT smoke or allow open flames or sparks in the area while servicing any part of the fuel system.
OPERATION

BREAK-IN
Fuel break-in mixture ratio 50:1 (2%).

1 Operate at trolling speed.
2 Continue operation with half-throttle or less.
OPERATION

Pre-Starting Instructions

Connect fuel hose to tank.

Connect fuel hose to outboard.

Open fuel tank screw (in cap) on manual venting type tanks.

Prime fuel to the carburetor.
**OPERATION**

Set to RUN.

Set shift handle to Neutral.

Set throttle indicator to Start.

**CAUTION**

Do not operate outboard out of water. The water pump has a rubber impeller which can be damaged by running dry.
OPERATION

When engine is cold, pull out the choke.

Pull the starter rope.

Push in the choke.

Check for a spray of cooling water from pilot hole.
OPERATION

SHIFTING

Set throttle indicator to Shift.

Set shift handle into Forward or Reverse.

Turn throttle grip to increase speed.
OPERATION

STOPPING

Turn throttle grip to decrease speed.

Push in to stop engine.
EMERGENCY STARTING

⚠️ WARNING
When using emergency starter rope to start engine, the start-in-gear protection provided by the rewind starter is inoperative. Make sure to set the outboard gear shift into neutral to prevent outboard from starting in gear. Sudden unexpected acceleration could result in serious injury or death.

Set the shift handle to Neutral.

Remove the top cover.

Remove the rewind starter.
OPERATION

EMERGENCY STARTING (CONTINUED)

Wind emergency rope around flywheel.

Pull rope to start.

⚠️ WARNING

The exposed moving flywheel can cause serious injury. Keep your hands, hair, clothing, tools, and other objects away from engine when starting or running the engine. Do not attempt to reinstall the rewind starter or top cover when engine is running.
OPERATION

TILTING UP OUTBOARD

Stop engine.
Set shift handle to Forward.

Tilt up the outboard.

1 Full up tilt position.
OPERATION

TILTING UP OUTBOARD

Lock in place.

RETURN OUTBOARD TO OPERATING POSITION

Move tilt knob down.

Tilt outboard up to the tilt release position (1) and lower it.

1 Full up tilt release position.
OPERATION

SHALLOW WATER OPERATION

Set shift handle to neutral.

Tilt up outboard to one of the three shallow water drive positions.

1 Shallow water drive positions.
OPERATION

DISENGAGING SHALLOW WATER DRIVE

Tilt outboard up to the release position and lower outboard.

1 Shallow water drive release position.
OPERATION

TILT PIN ADJUSTMENT

The boat squats.
1 Move down.

The boat plows.
1 Move up.

Correct
OPERATION

THROTTLE GRIP FRICTION ADJUSTMENT
Adjust to hold throttle at desired speed.

1 Turn to increase friction.

STEERING FRICTION ADJUSTMENT
Adjust for steering friction desired.

⚠️WARNING
Avoid possible serious injury or death from loss of boat control. Maintain sufficient steering friction to prevent the outboard from steering into a full turn if the tiller handle is released.

1 To Loosen
2 To Stiffen
MAINTENANCE

EPA Emissions Regulations

All new outboards manufactured by Mercury Marine are certified to the United States Environmental Protection Agency as conforming to the requirements of the regulations for the control of air pollution from new outboard motors. This certification is contingent on certain adjustments being set to factory standards. For this reason, the factory procedure for servicing the product must be strictly followed and, wherever practicable, returned to the original intent of the design. **Maintenance, replacement, or repair of the emission control devices and systems may be performed by any marine SI engine repair establishment or individual.**

EMISSION CERTIFICATION LABEL

An emission certification label, showing emission levels and engine specifications directly related to emissions, is placed on the engine at time of manufacture.

![Emission Control Information Table]

- a - Idle Speed
- b - Engine Horsepower
- c - Timing Specification
- d - Recommended Spark Plug & Gap
- e - Valve Clearance (if Applicable)
- f - Family Number
- g - Maximum Emission Output for the Engine Family
- h - Piston Displacement
- i - Date of Manufacture

OWNER RESPONSIBILITY

The owner/operator is required to have engine maintenance performed to maintain emission levels within prescribed certification standards.

The owner/operator is not to modify the engine in any manner that would alter the horsepower or allow emissions levels to exceed their predetermined factory specifications.
MAINTENANCE

REMOVING TOP COVER
Push down lever.

Lift cover off.

PROPELLER SELECTION
Install a propeller that will allow the engine to operate within the 5000-6000 RPM range when running at maximum throttle speed.

Check that engine is not overrevving (RPM is too high) or lugging (RPM is too low) when operating at maximum throttle speed.
MAINTENANCE

FUEL SYSTEM

Fuel Pump Filter

Remove the filter.

1 Sight Bowl
2 O-Ring Seal
3 Filter

⚠️ WARNING

Avoid serious injury or death from gasoline fire or explosion. Carefully follow all fuel system service instructions. Always stop the engine and DO NOT smoke or allow open flames or sparks in the area while servicing any part of the fuel system.

Wash sight bowl and filter in cleaning solvent.
MAINTENANCE

FUEL SYSTEM (CONTINUED)

Carburetor Fuel Bowl
Loosen the drain screw to clean.
Dispose of fuel properly.
MAINTENANCE

PROPELLER REPLACEMENT

Set shift handle to Neutral.

Remove spark plug leads.

Remove propeller nut.

Apply lubricant to shaft.

Flo-Torque I – Tighten propeller nut securely.

1 Forward Thrust Hub
2 Rear Thrust Hub
3 Propeller Nut

Flo-Torque II – Tighten propeller nut securely.

1 Forward Thrust Hub
2 Replaceable Drive Sleeve
3 Rear Thrust Hub
4 Propeller Nut
MAINTENANCE

LUBRICATION POINTS

Lubricate points 1 thru 7 every 30 days with Quicksilver 2-4-C Marine Lubricant with Teflon.

1  Steering Friction Shaft
2  Swivel Bracket
3  Tilt Tube
4  Transom Clamp Screws Threads
5  Tilt Lock Pins.
6  Tilt Lock Pin Track.
7  Control Cables, Moving Components and Pivot Locations.
8  Propeller Shaft - Lubricate every 30 days with Quicksilver Anti-Corrosion Grease or 2-4-C Marine Lubricant with Teflon
9  Gear Oil - Check every 30 days.
MAINTENANCE

GEAR OIL

Remove the screw plugs and gaskets.

Clean lower plug.
MAINTENANCE

GEAR OIL (CONTINUED)
Add oil until it appears at top hole.

Tighten screw plugs.
MAINTENANCE

COOLING SYSTEM

Cleaning

1 Fresh Water

ELECTRICAL SYSTEM

**WARNING**

Avoid serious injury or death from fire or explosion caused by damaged spark plug boots. Damaged spark plug boots can emit sparks. Sparks can ignite fuel vapors under the engine cowl. To avoid damaging spark plug boots, do not use any sharp object or metal tool such as pliers, screwdriver, etc. to remove spark plug boots.

Remove spark plugs.

Clean or replace spark plugs.
MAINTENANCE

SACRIFICIAL ANODE
Replace trim tab if badly corroded.

EXTERIOR CARE
Wash and wax using marine cleaners and waxes.
1 Turn screw until its lightly seated, and back out 1-1/2 turns.
ADJUSTMENTS

ENGINE IDLE SPEED

Start engine.
Set shift handle to Forward.

Set throttle indicator to Slow.

Turn screw to obtain 850 ± 50 RPM.
SUBMERGED OUTBOARD

Take outboard to an authorized dealer.

In An Emergency
Wash with fresh water.
Drain fuel hose and carburetor.

**WARNING**

Avoid serious injury or death from gasoline fire or explosion. Carefully follow all fuel system service instructions. Always stop the engine and DO NOT smoke or allow open flames or sparks in the area while servicing any part of the fuel system.

Remove spark plugs and pull starter 2 or 3 times.

Add oil and pull starter 2 or 3 times.
OWNER SERVICE ASSISTANCE

Local Repair Service

Always return your outboard to your local authorized dealer should the need for service arise. Only he has the factory-trained mechanics, knowledge, special tools and equipment and the genuine parts and accessories to properly service your engine should the need occur. He knows your engine best.

Service Away From Home

If you are away from your local dealer and the need arises for service, contact the nearest authorized dealer. Refer to the Yellow Pages of the telephone directory. If, for any reason, you cannot obtain service, contact the nearest Mercury Marine Service Office.

Parts And Accessories Inquiries

All inquiries concerning genuine replacement parts and accessories should be directed to your local authorized dealer. The dealer has the necessary information to order parts and accessories for you. When inquiring on parts and accessories, the dealer requires the model and serial number to order the correct parts.
Your satisfaction with your outboard product is very important to your dealer and to us. If you ever have a problem, question or concern about your outboard product, contact your dealer or any Authorized Mercury Marine Dealership. If additional assistance is required, take these steps.

1. *Talk with the dealership’s sales manager or service manager. If this has already been done, then contact the owner of the dealership.*

2. *Should you have a question, concern or problem that cannot be resolved by your dealership, please contact Mercury Marine Service Office for assistance. Mercury Marine will work with you and your dealership to resolve all problems.*

The following information will be needed by the service office:
- Your name and address
- Daytime telephone number
- Model and serial number of your outboard
- The name and address of your dealership
- Nature of problem

Mercury Marine Service Offices are listed on the next page.
# OWNER SERVICE ASSISTANCE

**Mercury Marine Service Offices**

For assistance, call, fax, or write. *Please include your daytime telephone number with mail and fax correspondence.*

<table>
<thead>
<tr>
<th></th>
<th>Telephone</th>
<th>Fax</th>
<th>Mail</th>
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</thead>
<tbody>
<tr>
<td><strong>United States</strong></td>
<td>(920) 929-5040</td>
<td>(920) 929-5893</td>
<td>Mercury Marine</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>W6250 W. Pioneer Road</td>
</tr>
<tr>
<td></td>
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<td>P.O. Box 1939</td>
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<tr>
<td></td>
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<td>Fond du Lac, WI 54936-1939</td>
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<tr>
<td><strong>Canada</strong></td>
<td>(905) 567-6372</td>
<td>(905) 567-8515</td>
<td>Mercury Marine Ltd.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>2395 Meadowpine Blvd.</td>
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<tr>
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<td>Mississauga, Ontario</td>
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<td>Canada L5N 7W6</td>
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<tr>
<td><strong>Australia, Pacific</strong></td>
<td>(61) (3) 9791-5822</td>
<td>(61) (3) 9793-5880</td>
<td>Mercury Marine Australia</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>132-140 Frankston Road</td>
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<tr>
<td></td>
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<td>Dandenong, Victoria 3164</td>
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<tr>
<td></td>
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<td>Australia</td>
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<tr>
<td><strong>Europe, Middle East, Africa</strong></td>
<td>(32) (87) 32 • 32 • 11</td>
<td>(32) (87) 31 • 19 • 65</td>
<td>Marine Power - Europe, Inc.</td>
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<tr>
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<td>Parc Industriel de Petit-Rechain</td>
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<td>B-4800 Verviers</td>
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<td>Belgium</td>
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<tr>
<td><strong>Mexico, Central America, South America, Caribbean</strong></td>
<td>(305) 385-9585</td>
<td>(305) 385-5507</td>
<td>Mercury Marine - Latin America &amp; Caribbean</td>
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<tr>
<td></td>
<td></td>
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<td>9010 S.W. 137th Ave.</td>
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<td>Suite 226</td>
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<tr>
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<td>Miami, FL 33186 U.S.A.</td>
</tr>
<tr>
<td><strong>Japan</strong></td>
<td>81-53-423-2500</td>
<td>81-53-423-2510</td>
<td>Mercury Marine - Japan</td>
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<td>283-1 Anshin-cho</td>
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<td>Hamamatsu, 435-0005 Japan</td>
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<tr>
<td><strong>Asia, Singapore</strong></td>
<td>5466160</td>
<td>5467789</td>
<td>Mercury Marine Singapore</td>
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<td>72 Loyang Way</td>
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<td>Singapore 508762</td>
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</table>
MAINTENANCE LOG

Record here all maintenance performed on your outboard. Be sure to save all work orders and receipts.

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<thead>
<tr>
<th>Date</th>
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