



SERVICE MANUAL

Number 25

MARINE ENGINES

GM V-6
262 CID (4.3L)

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Book Descriptions:

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You do not need any suction, no swap, no prefill fuel. Just turn the key in the ignition and the engine. Engines with multipoint fuel injection are. Diesel engines can also be used with turntables. Stern drives, as well. Whether it is the Alpha and Bravo. Could you help me? Can anyone help? Thank you in advance. I am also looking for the manual for the Bravo III. Can someone help me with this? Thx! I replaced the front cover but realised that the hole might be. Can you please advise if I'm right. Regards RS.

Exact model application Models Application Stern drive MCM starting with serial number OM300000 and above, 5.0L MPI Alpha and Bravo, 350 MAG MPI Alpha and Bravo, 350 MAG MPI Alpha and Bravo Horizon, MX 6.2 MPI, MX 6.2 MPI Horizon, Inboard and Dow Sports MIE starting with serial number OM310000, 350 MAG MPI Inboard, 350 MAG MPI Horizon Inboard, MX 6.2 MPI Inboard, MX 6.2 MPI Horizon Inboard and 350 MAG MPI Tow Sports. Some Standard Bravo Transom Assemblies could have been converted to High Performance Transom Assemblies by use of a High Performance Gimbal Ring Kit 822374A2. Refer to Transom Assembly sections of this manual for identification information. Bravo One XR Serial Number 0W240000 and Above. Bravo Two, Bravo Two X, Bravo Two X Diesel, Bravo Three, Bravo Three X, Bravo Three X Diesel Serial Number 0M198373 and Above. Bravo Three XR Serial Number 0W240000 and Above. Transom Standard Serial Number 0W173658 and Above Transom High Performance Serial Number 0W150260 and Above Inboard MIE Models D2.8L DTronic Serial Number 0K000001 and Above, D4.2L DTronic Serial Number 0K000001 and Above. General knowledge information is not included. Please read the GENERAL INFORMATION section to familiarize yourself with basic information concerning the inboard engine or stern drive. Read and refer to the other sections in this manual for information regarding proper inspection and service procedures. <http://cpspcb.com/uploads/columbia-ultimate-business-systems-manual.xml>

- **3l mercruiser manual, 3.0 l mercruiser manual, 3.0 l mercruiser service manual, mercruiser 3l service manual, 3l mercruiser manual.**

If a modification has been made since then, differences may exist between the content of these manuals and the actual inboard or stern drive. Persons without such knowledge and skills should attempt with caution to service any component or engine by relying on this manual only. Never attempt to perform any work without the assistance of a service manual. Improper repair may result in injury to the mechanic and may render the engine unsafe for the boat operator and passengers. However, individual operating habits and personal maintenance preferences can have an impact on the suggested intervals. In consideration of these factors, Mercury MerCruiser has adjusted some maintenance intervals and the corresponding tasks to be performed. In some cases, this may allow for more individual tasks in a single visit to the servicing dealer. Therefore, it is very important that the boat owner and the servicing dealer discuss the current Maintenance Schedule and develop appropriate maintenance intervals to coincide with the individual operating habits, the environment and the maintenance requirements. If operating in salt, brackish or polluted waters, flush the cooling system after each use. Check the drive unit oil level, the trim pump oil level and the power steering pump fluid level. Check the water inlets for debris or marine growth. Check the seawater strainer and clean. Check the coolant level. Clean the gauges. Replace the fuel filters. Check the steering system and the remote control for loose, missing or damaged parts. Lubricate the cables and the linkages. Inspect the Ujoints, the splines and the bellows. Check the clamps. Check the engine alignment. Lubricate the Ujoint splines. Lubricate the gimbal bearing and the engine coupler. Check the continuity circuit for loose or damaged connections. Test the MerCathode unit output on

Bravo Models. Replace the PCV valve. Check the electrical system for loose, damaged or corroded fasteners. <http://echu-sh.com/upfile/news/columbia-watch-manual-instructions.xml>

Inspect both systems for damage or leaks. Disassemble and inspect the seawater pump and replace worn components. Clean the seawater section of the closed cooling system. Clean, inspect and test the pressure cap. Replace the coolant. This oil is a special blend of 25weight and 40weight oils for marine engines. The oil filter should always be changed when changing the engine oil. When the old plugs are replaced, replace the entire set. Perform plug service only on those plugs suitable for additional service, using the following procedures Use compressed air to remove abrasives. 4. File the electrode surfaces to restore clean, sharp edges. Remove filings with compressed air. 5. Reset the gap to specifications by bending only the side electrode with the proper tool. This plug shows that the plug heat range is compatible with the engine, and the engine is electrically and mechanically in good running condition. With proper plug servicing clean, file and regap, this plug can be reinstalled with good results. Worn piston rings, cylinder walls, valve guides or valve stem seals are causes of oil entering the combustion chamber. Only engine repairs will permanently relieve oil wet fouling. Such fouled plugs may be serviced clean, file and regap and reinstalled. Determine the cause of the excess water. 1.5 Improperly adjusted trim tabs or after planes 1.5 Adjust the trim tabs or after planes 1.6 Dirty boat bottom marine growth Repair the hull. Reinstall the water pickup or the through the ull fittings in the proper locations. Repair the transom. Reinstall the drive unit in the proper position. 1.5 Wrong gear ratio drive unit 1.5 Replace the drive unit with the appropriate gear ratio. If the problem persists, drain the fuel tank and refill. If the problem persists, check the remote control level NEUTRAL detent setting. 1.1 Battery charge low, damaged wiring, loose electrical connections 1.1 Check the electrical connections at the starter. Check the battery cable connections.

Check the battery charge and recharge if necessary. 1.2 Circuit breaker tripped 1.2 Reset the circuit breaker. 1.3 Blown fuse 1.3 Replace the fuse. 1.4 Ignition switch faulty 1.4 Replace the ignition switch. 1.5 Slave solenoid faulty 1.5 Replace the slave solenoid. Noise will stop as soon as engine is turned off. 1.0 Wrong spark plugs 1.0 Change the spark plugs. 1.1 Cracked distributor cap 1.1 Check the distributor cap for cracks or marks. Replace the cap if necessary. 1.2 Cracked coil tower 1.2 Check the ignition coil for cracks or corrosion. Replace the throttle body if necessary. 1.2 Worn or leaking IAC hose or vacuum hose to the pressure regulator 1.2 Find and replace the leaking hose. 2. Low top speed or lack of power 2.0 Leaking idle air control IAC, intake manifold or throttle body gaskets 2.0 Find and replace the leaking gaskets. 3. Poor cold engine operation 3.0 Engine is not reaching normal operating temperature 3.0 Replace thermostat or thermostat housing gasket. 3.1 Faulty engine temperature sensor ECT 3.1 Replace the ECT. 3.2. Fuel PSI too high or too low 3.2 Determine the cause and repair. 3.3 Throttle valves worn or damaged 3.3 Inspect the throttle valves. Replace the throttle body if necessary. 3.4 Engine flooding 3.4 Check the fuel pressure. If too high, find cause and correct. Clean the flame arrestor. Perform the cylinder balance test. 4. Engine stalls 4.0 Idle rpm too low 4.0 Clean the flame arrestor. Test the IAC to see if it opens and closes properly. 4.1 Engine flooding 4.1 Check the fuel pressure. If too high, find cause and correct. Inspect the fuel pressure regulator. Inspect the injectors. 4.2 Leaking idle air control IAC, intake manifold or throttle body gaskets 4.2 Find and replace the leaking gaskets. 5.0 Engine misses 5.0 Fault in the ignition system 5.0 Check the spark plugs. Check the spark plug wires. Check the distributor cap for cracks or marks. Check the ignition coil operation. Replace the faulty component.

<http://www.drupalitalia.org/node/67077>

When contacting your Authorized Mercury MerCruiser Dealer about service, always specify model and serial numbers. The description and specifications contained herein were in effect at the time this guide was approved for printing. We sincerely hope your boating will be pleasant. Mercury MerCruiser 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 Sections of this manual. The warranty. **IMPORTANT** Identifies information essential to the successful completion of the task. **NOTE** Indicates information that helps in the understanding of a particular step or action. **WARNING** The operator driver is responsible for the correct and safe operation of the boat, the equipment aboard and the safety of all occupants aboard. Upon receipt of the Warranty Registration Card at the factory, Mercury MerCruiser will send you an owner resource guide that includes your warranty registration confirmation. If you do not receive your owner resource guide within 60 days from date of new product sale, please contact your selling dealer. The distributor or dealer also certifies that you are the original purchaser and user of the product. See your participating Mercury MerCruiser dealer for complete program details. In order to comply with CARB warranty regulations, and for that limited purpose only, model year shall have the same meaning as calendar year. As an example, 2003 model year products refers to products manufactured during calendar year 2003. In order to comply with CARB warranty regulations, and for that limited purpose only, model year shall have the same meaning as calendar year. As an example, 2003 model. Warranty claims shall be made by delivering the product for inspection to a Mercury dealer authorized to service the product.

<http://atmos-service.com/images/canon-ixus-850-is-manual.pdf>

If purchaser cannot deliver the product to such a dealer, please notify Mercury Marine and Mercury will then arrange for the inspection and any covered repair. In order to comply with CARB warranty regulations, and for that limited purpose only, model year shall have the same meaning as calendar year. As an example, 2003 model year products refers to products manufactured during calendar year 2003. The Star label identifies that these engines meet the California Air Resources Boards Sterndrive and Inboard marine engine 2007 and later exhaust emission standards. When contacting MerCruiser about service, always specify model and serial numbers. Alpha Sterndrive Decal Identification The Drive Serial No. All controls may not have all features shown. This is done by disengaging the shift mechanism from the control handle. The throttle only button can be depressed only when the remote control handle is in the neutral position. If the breaker remains open, you have not eliminated the electrical overload and the electrical system requires further checks. Contact your authorized Mercury MerCruiser dealer. A circuit breaker protect the engine wiring harness and the instrumentation power lead. To test the circuit breaker, push the red button. Two 10 amp fuses protect the O sensors. These are located on the top of the engine underneath the engine information plate. It does not protect the engine from damage. Your Mercury MerCruiser power package may be equipped with an audio warning system. Most faults cause the warning horn circuit to activate. How the warning horn activates depends on the severity of the problem. If a severe fault is detected, the audio warning system will sound for six seconds, turn off for six seconds, then sound for six more seconds. To avoid recurrence of the problem, contact an authorized Mercury MerCruiser dealer. As another example, Transmission Guardian is a MerCruiser DTS feature that protects transmissions from clutch damage.

<http://atonenergia.com/images/canon-ixus-90-is-user-manual.pdf>

Transmission Guardian monitors the clutch pack pressure in forward and reverse gears. Know your boats operating and loading limitations. Know if your boat will float if full of water. When in doubt, contact your authorized Mercury MerCruiser dealer or the boat manufacturer. This includes the backs of seats, gunwales, transom, bow, decks, raised fishing seats and any rotating fishing seat;. Install one or more carbon monoxide detectors in your boat. Damage caused by submersion is not covered by the Mercury MerCruiser Limited Warranty. If damage is present or suspected, the power package should be taken to an authorized Mercury MerCruiser dealer for a thorough inspection and necessary repair. If a submerged object is struck while the boat is moving forward, the hydraulic system will cushion the kickup of the sterndrive unit as it clears the object, reducing damage to the unit. Elevation and Climate Elevation and climate changes will affect the performance of your power

package. Refer to Maintenance. The two types of oxygenates used in these fuels are alcohol ethanol and ether MTBE or ETBE. If ethanol is the oxygenate that is used in the gasoline in your area, refer to Gasoline Containing Alcohol. Electronic ignition and special fuel delivery systems provide greater fuel economies, but also are more complex for the untrained mechanic. Inspect the PCV valve, if equipped. Use caution not to spill oil, coolant, or other fluids into the environment when using or servicing your boat. Changing Oil and Filter See Maintenance Schedule for the change interval. Engine oil should be changed before placing the boat in storage. Refer to Filling. IMPORTANT If fluid is not visible in pump, contact your authorized Mercury MerCruiser dealer. Filling 1. Remove the fill cap and dipstick and observe the fluid level. If the coolant level is low, contact your authorized Mercury MerCruiser dealer. 3. Check the antifreeze concentration for adequate freeze protection and correct if necessary.

Tube Ref No. Description Where Used Part No. Both conditions may indicate a water leak somewhere in the sterndrive unit. Contact your authorized Mercury MerCruiser dealer. Page 62 90899883272 MARCH 2008. Replace the PCV valve if it is defective or sticking. To ensure compliance with emission regulations, use only Mercury MerCruiser replacement parts. 1. Remove the engine information plate. Shake the PCV valve. If you hear a metallic rattle, the valve is functional. If you do not hear the rattle, replace the valve. Replace if damaged. IMPORTANT Do not use a cleaner tains methyl ethyl ketone and do not use cleaner on electrical connections. If fuel is ever visible in the tube, see your authorized Mercury MerCruiser dealer to replace the fuel pump. 32555. Completely retract the end of the steering cable before applying lubricant. NOTE If steering cable does not have grease fitting, inner wire of cable cannot be greased. 1. Description Where Used Part No. Ujoint and Gimbal Bearing Gimbal bearing 92802870A1 Grease. Description Where Used Part No. Contact your authorized Mercury MerCruiser dealer. Alpha Propeller Removal WARNING Rotating propellers can cause serious injury or death. Never operate the boat out of the water with a propeller installed. Before installing or removing a propeller, place the drive unit in neutral and engage the lanyard stop switch to prevent the engine from starting. Description Where Used Part No. AntiCorrosion Grease Propeller shaft 92802867Q 1 24C Marine Lubricant with Propeller shaft 92802859A 1 Teflon 2. Slide thrust hub onto propeller shaft, with stepped side toward propeller hub. 3. See Sterndrive Water Pickups following for the flushing procedure. Consult your authorized Mercury MerCruiser dealer for further explanation. IMPORTANT Alpha engines with the sterndrive water inlet blocked off at the gimbal. Do not operate the engine above 1400 RPM out of the water and without sufficient cooling water supply. 7.

moveisgarciadigital.com.br/wp-content/plugins/formcraft/file-upload/server/content/files/1626b97919cfe0---cascade-1500-filter-manual.pdf

System should be tested to ensure adequate output. The test should be performed where boat is moored, using Quicksilver Reference Electrode and Test Meter. Contact your authorized Mercury MerCruiser dealer. Page 80 90899883272 MARCH 2008. Damage caused by freezing temperatures IS NOT covered by the Mercury MerCruiser Limited Warranty. NOTICE Water trapped in the seawater section of the cooling system can cause corrosion or freeze damage. For additional assurance against freezing and rust, after draining, fill the seawater cooling system with propylene glycol mixed to the manufacturers recommendation to protect engine to the lowest temperature to which it will be exposed during freezing temperatures or extended storage. Remove the boat from the water or close the seacock, disconnect and plug the seawater inlet hose, and ensure the bilge pump is operational before draining. If draining with the boat out of the water, place the boat on a level surface to ensure complete draining of the system. If the boat is out of the water, install the flushing attachment and open the water source fully to provide maximum water flow. It should be clean and free of leaks. Clean or repair as necessary. Ignition problem. See Engine Runs Rough, Misses or Backfires. Engine overheating. See Excessive Engine Temperature. Have EFI System

checked by an authorized Mercury MerCruiser EFI System fault dealer. Excessive Engine Temperature Possible Cause Remedy Water inlet or seacock closed. Straighten cable or have authorized Mercury Shift or throttle cable kinked. MerCruiser dealer replace cable if damaged beyond repair. Steering Wheel Jerks or Is Difficult to Turn Possible Cause Remedy Low power steering pump fluid level. Clean and tighten faulty wiring. connection. Repair or replace wiring. Power Trim Does Not Operate Motor Operates but Sterndrive Unit Does Not Move Possible Cause Remedy Trim pump oil level low.

If you ever have a problem, question or concern about your power package, contact your dealer or any authorized Mercury MerCruiser dealership. Please try again. Please try again. Then you can start reading Kindle books on your smartphone, tablet, or computer no Kindle device required. Register a free business account If you are a seller for this product, would you like to suggest updates through seller support Amazon calculates a product's star ratings based on a machine learned model instead of a raw data average. The model takes into account factors including the age of a rating, whether the ratings are from verified purchasers, and factors that establish reviewer trustworthiness. Web orders will not be processed until December 2nd, 2019. Thank you and have a fun and safe Thanksgiving! We will also be closed on January 1st, 2019. We will be open after the 26th of December, however, most orders will not be shipped until January 2nd as the main warehouses are closed until then. Happy Holidays and Happy New Year! This means we cannot receive phone calls until our internet service is restored. We hope to have our internet back on later in the day or during the weekend. Thank you for your understanding. All web orders placed from May 22nd to May 25th will be processed on Tuesday, May 26th. Thank you and have a fun and safe Memorial day weekend! We are trying our best to get to everyone's call as soon as possible. If you would like to make an inquiry, please go here. If you have a shipping or tracking related question, please dial 2 at the main menu. If you would like to leave a voicemail, dial 503. Thank you and we apologize for the inconvenience. All web orders placed during this time will not be processed until July 6th. Have a fun and safe Holiday Weekend! We will be open Tuesday, September 3rd, 2019. You may still place web orders and email us during this time, however, orders will not be processed until Tuesday. Thank you and have a fun and safe Labor Day weekend.

We will be open Tuesday, October 15, 2019. You may still place web orders and email us during this time; however, orders will not be processed until Tuesday. Thank you. Our thoughts are with everyone in that area and we hope you stay safe! If you are unable to complete your order online, please use PayPal or call us to complete your order. We apologize for the inconvenience. We may not be able to answer all phone during this time. However, you may still place web orders and email us via the contact us page. We apologize for the inconvenience. Thank you for your patience and understanding. Our phone company is working on solving the problem. If you would like to make an inquiry, please go here. If you have a shipping or tracking related question, please dial 2 at the main menu. If you would like to leave a voicemail, dial 503. Thank you and we apologize for the inconvenience. All rights reserved. The 4 cylinders engine models are still being produced today with the current 3.0L 181 CuIn sterndrive model. PPT's interactive OEM Marine Parts catalogs allow easy lookup and searching for a range of engine models. Rather by using our convenient and fast MerCruiser 3.0 Engine Parts Lookup Catalogs you can shop and buy the parts you need from the convenience of your own home. Some shipments will be delayed regardless of status shown on the website. Mercury factory backorders are common right now and we have no guarantee of release dates. We are sorry to say there are no refunds for late shipments at this time. By using our services, you agree to our use of cookies. Learn more opens in a new window or tab This amount is subject to change until you make payment. For additional information, see the Global Shipping Programme terms and conditions opens in a new window or tab This amount is subject to change until you make payment.

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Refunds by law In Australia, consumers have a legal right to obtain a refund from a business if the goods purchased are faulty, not fit for purpose or dont match the sellers description. More information at returns. Pay instantly to my phone number via PayIDAll Rights Reserved. User Agreement, Privacy, Cookies and AdChoice Norton Secured powered by Verisign. Users have access to complete engine maintenance and repair information along with quick access buttons to Maintenance Schedules, Wiring Diagrams, Parts, Specification Charts, and a hyperlinked index. If you prefer traditional service manuals Seloc also offers a full line of printed engine repair and maintenance guides. From basic maintenance and troubleshooting to complete overhauls, our MerCruiser Stern Drives manuals provide the information you need. The most important tool in your toolbox may be your Clymer manual get one today. Includes Color Wiring Diagrams. Includes Mercruiser Stern Drives Marine Repair ManualsIncludes Mercruiser Stern Drives Marine Repair ManualsIncludes Mercruiser Stern Drives Marine Repair ManualsIncludes Mercruiser Stern Drives Marine Repair ManualsDates of Publications Vary By Manual. All Rights Reserved. Letters are Case Sensitive. Your download link will appear upon completing this step. Mercury MerCruiser GM 4 Cylinder 181 cid 3.0L Marine Engines Service Manual Number 26 SKU UPC Model MARIUZAN GONCALVES on Jun 09, 2018. Good Thanks for sharing this material. Helps a lot after suffering with bad mechanics.Terence Maulhardt on Apr 25, 2018. Great resource. Excellent information provided. Dean Masman on Apr 22, 2018. Need help to Need help to install automate choke Vinny on Sep 01, 2014. Tech Need help to instal automate choke Jeff on Mar 06, 2013. A downloadable MerCruiser repair manual is a digitally delivered book of instructions that guides the mechanic in the proper procedures for maintenance, service, overhaul and troubleshooting of components e.

g engine, electrical, drives, cooling, exhaust, fuel system, etc. to factory specifications. Generally, every downloadable MerCruiser repair manual contains the following subject matter, chapters or subchapters However, every manual contains all of the information needed to completely maintain, service, troubleshoot, overhaul and restore the complete unit to it's factory specifications. This is especially helpful for people who don't have a complete understanding of where a part is located, how to remove a part, or assemble parts. This tab allows the user to quickly locate the procedures they need. Simply click on the chapter and you will automatically be brought to it. Moreover, some

manuals are bookmarked by chapter and subchapter, this allows the user to find the precise instructions their searching for. Each MerCruiser repair manual is model and year specific, not a vague generic versions. A PDF is a file format that provides an electronic image of text and graphics. It looks like a printed document manual and can be printed, viewed and transmitted electronically. However, virtually every computer sold in the last 8 years already comes with a PDF viewer installed. When downloading a PDF manual, if you get an error message that says "file is damaged or cannot be repaired," follow these instructions Make sure it matches the file size of the manual that you already downloaded. If both file sizes differ greatly, the manual that you downloaded didn't finish downloading. If the manual was cut short, you will get an error message. This can happen if you experienced temporary Internet interruption. To resolve, simply download the manual again. To resolve, simply download Adobe for free. You can't beat the price of a downloadable manual, you get it instantly, it's the same as the manual you'd buy in stores, and more convenient. Nice to be able to obtain a manual instantly.

Mainly needed the intake manifold torque specs for my 1976 mercruiser 470, which I found in the manual within a minute. Any suggestions Does the manual for my model have a troubleshooting guide. I checked the ignition switch, ignition timing, spark plug wires, battery, electrical connections and for damaged wiring. Also checked the distributor cap. Still haven't figured out the problem. Friend also want's to know if the manual shows how to adjust valves on 3 liter mercury marine engine. The engine is year is 1979. The engine is year is 1979. The number 4 service manual I currently have does not list part numbers. I need to get the service manual for this engine and I'm not sure which manual to select. I did not see one for the LX engine. Please let me know which manual to select. Thanks.

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