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Oil Hose Replacement - 496 / 8.1L Engines

Models Affected

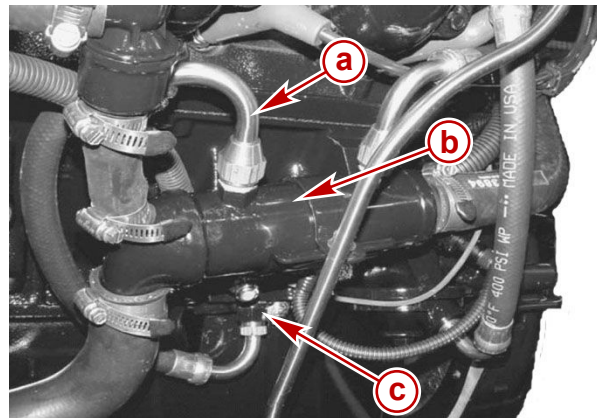
Model	Serial Number Range
496 Mag Sterndrive	0W335249 through 0W335299 0W339000 through 0W339226 0W391780 through 0W391848
496 Mag HO Sterndrive	
8.1S Horizon Inboard	
8.1S High Output Inboard	

Not all products in the serial number range listed are affected by this service bulletin. The oil hose on some engines may have been replaced by the factory before shipment, by the boat builder, or by another dealer. Dealers on MercNET should first check the engine history before starting the repair to verify that the product is still eligible for the oil hose replacement.

International: Follow instructions issued by Marine Power International Office or by your distributor.

Situation

The oil hose between the engine oil cooler and the engine block could develop a leak resulting in the release of engine oil into the boat bilge.



18123

a - Oil hose

b - Engine oil cooler

c - Engine block

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Correction

Replace the oil hose (32-863915) between the engine oil cooler and the engine block.

Parts Required

Qty.	Description	Part Number
1	Oil hose	32-863915

Replacement Procedure

NOTE: Notice how the oil hose is routed and route the replacement oil hose the same way.

1. Remove the existing oil hose between the engine oil cooler and the engine block connector.
2. Route the replacement oil hose the same way as the existing oil hose.
3. Hand start the new oil hose fittings onto the oil cooler and into the engine block connector.
4. Using a separate wrench, counter-hold the oil cooler fitting and engine block connector and torque the oil hose fittings.

Description	Nm	lb. in.	lb. ft.
Oil hose fittings	40		28

5. Remove the dipstick and observe the oil level. The oil level must be between the Full or OK Range mark and the Add mark. Fill as necessary with recommended engine oil.
6. Supply cooling water to the engine.
7. Start and operate the engine. Ensure engine oil pressure is normal and check for leaks.

Owner Notification

USA and Canada Only: A letter will be sent to the registered owner of the affected Mercury MerCruiser engine. The letter will reference Service Bulletin 2005-06 and will advise the owner to return the boat to the selling dealer, or any authorized Mercury MerCruiser service dealer, for the replacement of the oil hose.

Warranty

Mercury Marine will credit the dealer for the cost of labor and parts through September 30, 2008.

Submit a warranty claim through your normal warranty processing channel, listing:

- MerCruiser serial number.
- Flat Rate Code and Labor – SB10 1.0 Hr.
- Part Code – 446
- Failure Code – 40

Old Part or Parts:

- **USA and Canada:** Submit the warranty claim within 60 days of work completion. The part must be returned within 30 days after an electronic parts return request has been issued by MerCruiser via MercNET. For non-MercNET users, the parts return request will come in the form of written correspondence.

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Dear Mercury Marine Owner

Thank you for your purchase of a Mercury MerCruiser powered boat. We at Mercury Marine are dedicated to providing superior reliability and customer satisfaction. As part of our commitment to superior customer satisfaction, we have determined that it is necessary to replace an oil hose on your engine to insure the durability of your MerCruiser package.

What is the condition?

On a small number of engines, it is possible that a pin hole may develop in the oil hose resulting in the release of engine oil into the bilge of your boat. To eliminate the possibility of this occurring, Mercury Marine will replace the oil hose at no charge to you.

What will Mercury Marine do?

Any authorized Mercury MerCruiser dealer will replace your oil hose at no charge to you.

What should you do?

Please contact your Mercury MerCruiser dealer to schedule an appointment to have this oil hose replaced. Your dealer is able to determine how long the repair will take on your boat.

Please present this notice to your dealer when you bring your boat in for your service appointment.

What if you have other questions or if you no longer own this boat?

Please contact your Mercury MerCruiser dealer or Call Mercury MerCruiser Customer Service at 1-405-743-6566 between 7:30 AM and 5:30 PM CST.

We have sent this notice in the interest of your continued satisfaction with our product, and we sincerely regret any inconvenience this may cause you.

Thank you for boating with Mercury Marine

Mercury MerCruiser Service