

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Power Steering Fluid Leaks—Mercury Diesel Sterndrive Engines Models Affected

Description	Serial Number Or Year
Mercury Diesel Sterndrive engines—2.0L I4, 2.8L I4, 4.2L I6, 3.0L V6 TDI, 4.2L V8 TDI	2015 and earlier

Scope

Worldwide

Situation

Mercury Diesel has identified a potential issue with the power steering quick-connect return fitting that can cause slow leakage of power steering fluid on certain Sterndrive applications. Power steering pump failure, engine overheat, and engine fires could result from operating with extremely low levels of power steering fluid.

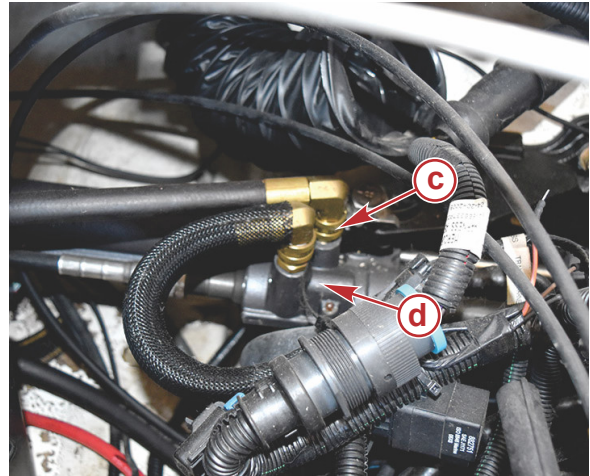
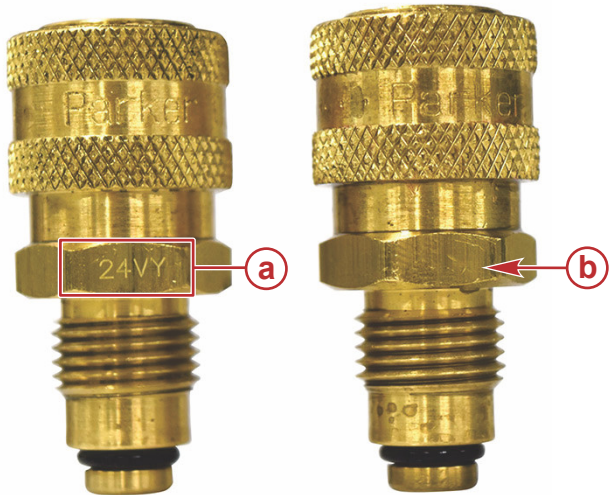
OEM and Dealer Engine Inventory

1. Inspect any inventory of power steering cylinder assembly kits for a power steering quick-connect return fitting without a date code. Refer to **Parts Affected** for the cylinder assembly part number. Follow the instructions in the **Warranty** section of this bulletin, and return kits that do not have a date code.
2. Inspect any loose inventory of power steering quick-connect return fittings for a date code. Refer to **Parts Affected** for the fitting part number. Follow the instructions in the **Warranty** section of this bulletin, and return any loose power steering quick-connect return fittings that do not have a date code.

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NOTE: The date code is only visible on one flat of the fitting. Be sure to check all sides of the fitting while attempting to locate the date code.



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- a** - Power steering quick-connect return fitting with date code
- b** - Power steering quick-connect return fitting without date code
- c** - Power steering quick-connect return fitting location
- d** - Power steering cylinder assembly

3. Inspect the power steering quick-connect return fitting on systems mounted in vessels. Run the engine if necessary. The presence of residual fluid around the fitting indicates a leak. If residual fluid is found, replace the power steering quick-connect return fitting.

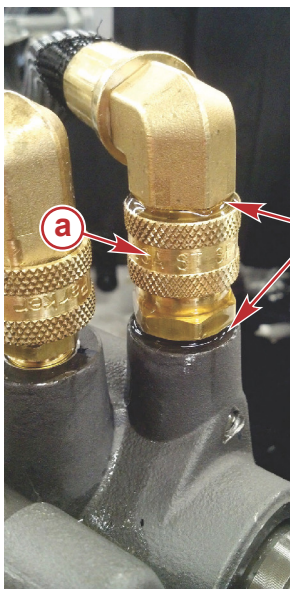
IMPORTANT: Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to those installing or operating the product. Always refer to the appropriate Mercury service manual for component removal and installation instructions.

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⚠ WARNING

Dirt or contaminants in the hydraulic steering system can damage the steering system's internal components. Damaged components can lead to serious injury or death due to loss of boat control. Do not allow dirt or contamination to enter the helm, lines, or cylinder of this steering system and perform all hydraulic inspections, service, or assembly procedures in a clean work area.



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- a** - Power steering quick-connect return fitting
- b** - Power steering residual fluid

NOTE: The male fitting (supply side), mounted on the forward side of the power steering cylinder, and the power steering hose assemblies are not affected by this service bulletin.

Parts Affected

Qty.	Description	Part Number
1	Power steering cylinder assembly	8M0063382
2	Power steering quick-connect return fitting	865415

Warranty Procedure

If the engine is within the warranty period, submit a warranty claim through your normal warranty processing channel.

For each serial number inspected:

- Flat rate code: SB05
- Labor: 0.5 hour
- Part code: 815
- Fail code: 26

For each serial number inspected and replaced:

- Flat rate code: SB10
- Labor: 1.0 hour
- Part code: 815
- Fail code: 26

For loose inventory, file a parts and accessories warranty claim through your normal warranty channel.

For each power steering cylinder assembly or power steering quick-connect return fitting inspected and returned:

- Flat rate code: SB02
- Labor: 0.2 hour
- Part code: 815

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- Fail code: 26

Outside the United States and Canada: Follow the instructions issued by your local office or distributor.

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