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Vent Valve Water Leak

Models Affected

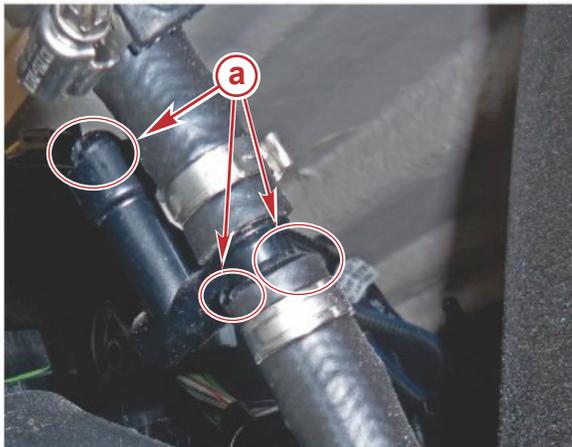
Models Covered	Serial Number
All 8.2 Liter ECT Sterndrive and Inboard Engines	2A174137-2A181549

Scope

Worldwide

Situation

Mercury MerCruiser has observed vent valves leaking water. This is due to a crack in the valve housing in three possible locations.

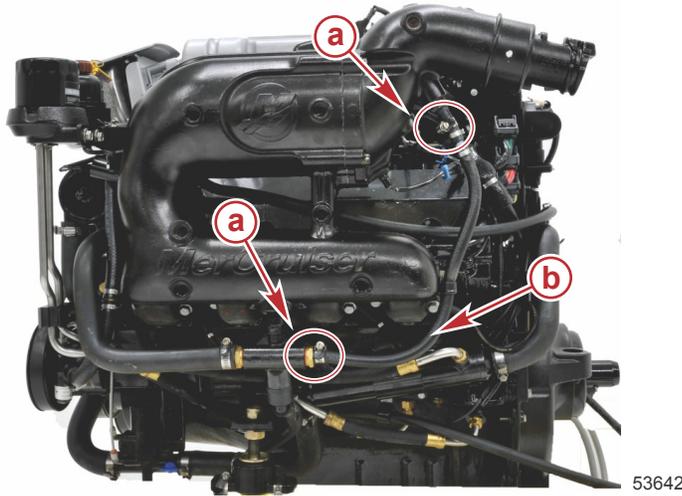


a - Crack locations

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- a - Vent valve hose clamps
- b - Vent valve hose assembly

Correction

Inspect the vent valves on both of the elbows during predelivery inspection (PDI) or when servicing 8.2 ECT sterndrive and inboard engines within the specified serial number range. If the vent valve is cracked or leaking, replace the vent valve hose assembly.

1. Loosen the hose clamps at the elbow and poppet valve.
2. Remove the hose and valve assembly.
3. Retain the hose clamps.
4. **Sterndrive and in-line inboard models only:** cut 425 mm (16.75 in.) from a new vent valve assembly hose length from poppet valve end to vent valve.
5. **Inboard V-Drive models:** hose is to proper length.
6. Install the retained hose clamps over each end of the vent valve hose assembly.
7. Install the hose ends to the bottom side of the exhaust elbow and poppet valve.
8. Tighten the hose clamps to the specified torque.
9. Supply water to the engine to start and run while checking for leaks.

Description	Nm	lb-in.	lb-ft
Tighten hose clamps	4	35	-

Parts Required

Qty.	Description	Part Number
1	Vent valve assembly	8M0074953

Warranty Procedure

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

- Labor: 0.2 hours
- Flat rate code: SB02
- Part code: 699
- Fail code: 00

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

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