

SB-10058059-4388

FORD:

2015 F-150, Mustang

ISSUE

Some 2015 F-150 and Mustang vehicles equipped with a 5.0L Dual Overhead Camshaft (DOHC) engine may exhibit a coolant leak caused by a heater outlet hose becoming disconnected at the heater outlet tube on the coolant pump.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check the engine build date. Refer to Workshop Manual (WSM), Section 303-01. Was the engine built on 11/20/2014 and through 1/26/2015?
 - a. No - this procedure does not apply. Refer to WSM, Section 303-03 for normal diagnosis.
 - b. Yes - proceed to Step 2.
2. Is the heater outlet hose disconnected from or leaking at the heater outlet tube on the coolant pump? (Figure 1)



Figure 1 - Article 15-0073

- a. No - this procedure does not apply. Refer to WSM, Section 303-03 for normal diagnosis.
 - b. Yes - proceed to Step 3.
3. Drain the cooling system. Refer to WSM, Section 303-03.
4. Remove the air cleaner outlet pipe. Refer to WSM Section 303-12.
5. Remove the bolts and position the degas bottle aside.
6. Completely cover the accessory drive belts with waterproof plastic.
7. Disconnect the heater outlet hose from the heater outlet tube. (Figure 2A)

NOTE: The information contained in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

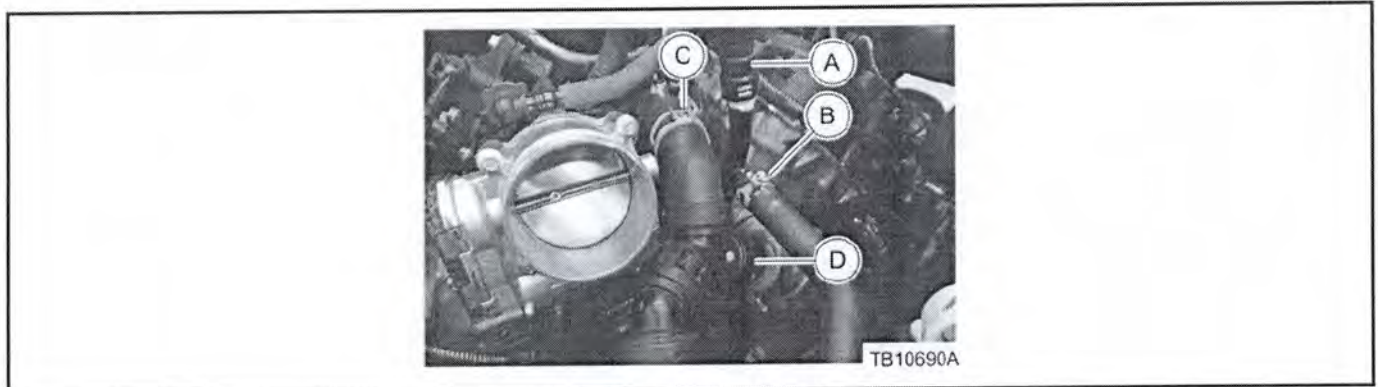


Figure 2 - Article 15-0073

8. Release the clamp and disconnect the lower degas bottle hose from the heater outlet tube. (Figure 2B)
9. Release the upper radiator hose clamp from the heater outlet water connection. (Figure 2C)
10. Pull the upper radiator hose T-connector spring clip up until the end of the clip is in the detent on the quick connect coupling and remove the upper radiator hose T-connector from the thermostat housing. (Figure 2D)
11. Remove the bolt and the heater outlet tube.
12. Install the new heater outlet tube and the bolt. Tighten to 10 Nm (89 lb-in.).
 - a. Lubricate the O-ring seal on the heater outlet tube with clean engine coolant.
13. To install the remaining components, reverse the removal procedure.

PART NUMBER	PART NAME
BR3Z-18663-A	Heater Outlet Tube
VC-3-B	Motorcraft® Orange Antifreeze/Coolant Concentrated

OPERATION	DESCRIPTION	TIME
150073A	2015 F-150 5.0L: Diagnose And Replace The Heater Outlet Tube (Do Not Use With Any Other Labor Operations)	0.7 Hr.
150073B	2015 Mustang 5.0L: Diagnose And Replace The Heater Outlet Tube (Do Not Use With Any Other Labor Operations)	0.9 Hr.

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
 Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

DEALER CODING

BASIC PART NO.	CONDITION CODE
18663	42