WARM A/C OUTPUT - LACK OF BLOWER MOTOR OPERATION IN ONE OR MORE SPEED SETTINGS	TSB 14-0157

FORD:

2008-2012 Escape

MERCURY:

2008-2011 Mariner

ISSUE

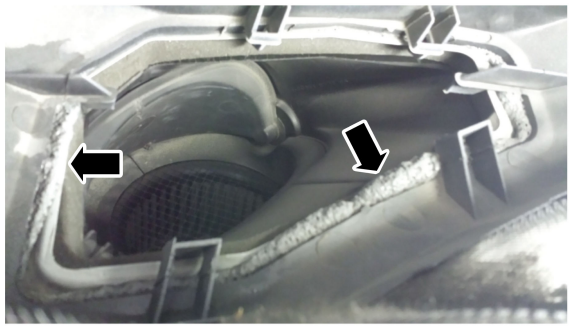
Some 2008-2012 Escape and 2008-2011 Mariner vehicles equipped with electronic manual temperature control (EMTC) may exhibit a customer concern of warm A/C system output and/or lack of blower motor operation in one or more speed settings. This may be due to a damaged blower motor resistor caused by water entering the heater core and evaporator core housing through the cowl. This concern is sometimes misdiagnosed as a restriction in the A/C system as vehicles may exhibit abnormally high discharge and low suction pressures, erratic compressor and engine cooling fan operation, frosting of the suction line, and/or excessive amount of time for A/C system pressures to equalize after the vehicle is turned off.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Perform the blower motor resistor component check on the vehicle. Refer to Workshop Manual (WSM), Section 412-00.
2. Are the resistance measurements observed within specification?
   a. Yes - this article does not apply. Refer to WSM, Section 412-00 for normal diagnosis.
   b. No - proceed to Step 3.
3. Replace the blower motor resistor. Refer to WSM, Section 412-01. Proceed to Step 4.
4. Remove the cowl panel grille. Refer to WSM, Section 501-02.
5. Remove the excess foam seal material from around the inside of the leaf guard rain hat. (Figures 1 and 2)



TB10586A

Figure 1 - Article 14-0157

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 supercede this information with updates.The most recent information is available through Ford Motor Company's on-line technical resources.

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Figure 2 - Article 14-0157

6. Liberally apply Motorcraft Ultra Silicone Sealant to the bottom of the leaf guard where the intake to the heater core and evaporator core housing meet. (Figure 3)



Figure 3 - Article 14-0157

7. Cut away the forward corner of the rain hat to improve drainage. (Figures 4 and 5)

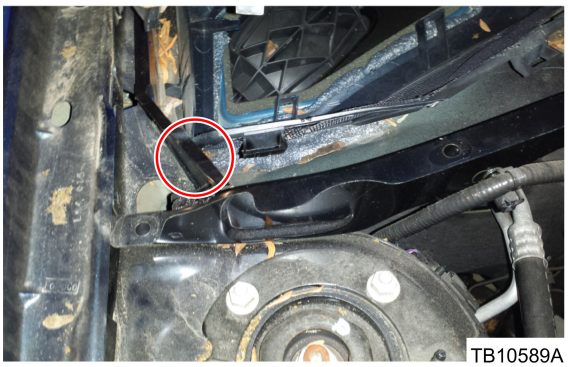


Figure 4 - Article 14-0157



Figure 5 - Article 14-0157

a. (A) indicates front of vehicle.

8. Reinstall cowl panel grille. Refer to WSM, Section 501-02.
9. Replace the receiver drier. Refer to WSM, Section 412-01.

PART NUMBER	PART NAME
8L8Z-19C836-C	Receiver Drier (Model Year 2008)
BL8Z-19C836-B	Receiver Drier (Model Years 2009–2012)
3F2Z-18591-AA	Blower Motor Resistor
9W7Z-19B596-A	Gasket Kit
TA-29	Motorcraft® Ultra Silicone Sealant
YN-12-D	Motorcraft® PAG Refrigerant Compressor Oil
YN-19	Motorcraft® R-134a Refrigerant

OPERATION	DESCRIPTION	TIME
140157A	2008-2012 Escape, 2008-2011 Mariner: Diagnose And Replace The Blower Motor Resistor And The Receiver Drier Includes Time To Seal The Leaf Guard And Trim The Rain Hat (Do Not Use With Any Other Labor Operations)	1.5 Hrs.

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
78211A70	42