6F35 TRANSMISSION—INTERMITTENT HARSH 1-2 OR HARSH 5-6 SHIFT, LATE 4-5 (2.5L) OR 4-5 SHIFT FLARE COLD—NO DIAGNOSTIC TROUBLE CODES—BUILT ON OR BEFORE 5/8/2012

TSB 12-6-12

FORD:
2011-2012 Fusion, Escape

MERCURY:
2011 Milan, Mariner

The article supersedes TSB **12-4-7** to add a production fix date.

ISSUE

Some 2011-2012 Escape, Fusion, 2011 Mariner and Milan vehicles built on or before 5/8/2012 and equipped with a 6F35 transmission may exhibit an intermittent harsh 1-2 shift or harsh 5-6 shift regardless of temperature or soak time. Additionally, 4-5 shift flare may be experienced after an extended cold soak on the first few 4-5 shifts of the day. 2.5L equipped vehicles with late 4-5 shift events and/or high RPMs being experienced may also benefit from this calibration update.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Reprogram the powertrain control module (PCM) to the latest calibration using Integrated Diagnostic System (IDS) release 78.02A and higher. This new calibration is not included in the VCM 2012.3 DVD. Calibration files may also be obtained at www.motorcraft.com.
2. Verify that the transmission fluid level is at the top of the operating range if vehicle is not used for recreational flat towing behind a motorhome at a transmission fluid temperature of 85 °C (185 °F).

NOTE

PLEASE ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

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.

OPERATION	DESCRIPTION	TIME
120612A	2011-2012 Escape And Fusion, 2011 Mariner And Milan: Reprogram The PCM, Check And Correct The Transmission Fluid Level (Do Not Use With Any Other Labor Operations)	0.4 Hr.

DEALER CODING

	CONDITION CODE
BASIC PART NO.	
RECAL	04

NOTE: The information 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 or Lincoln 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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