

FORD:

2009-2014 Escape
2010-2014 Fusion
2012-2014 Edge, Explorer
2013-2014 Taurus

LINCOLN:

2013-2014 MKT, MKZ

MERCURY:

2009-2011 Mariner
2010-2011 Milan

This article supersedes TSB **15-0079** to update the Part List.

ISSUE

Some 2009-2014 Escape, 2009-2011 Mariner, 2010-2014 Fusion, 2010-2011 Milan, 2012-2014 Edge/Explorer, and 2013-2014 Taurus/MKT/MKZ vehicles built on or before 10/14/2013 and equipped with a 6F35 automatic transmission may exhibit a fluid leak from the left hand (LH) transmission halfshaft seal due to wear on the transmission case bushing.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

2013-2014 Escape/2010-2014 Fusion/2010-2011 Milan/2012-2014 Edge/Explorer/2013-2014 Taurus/MKT/MKZ

1. Remove the LH halfshaft. Refer to Workshop Manual (WSM), Section 307-01.
2. Inspect the halfshaft journal surface finish. (Figure 1)



Figure 1 - Article 16-0043

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.

- a. If the journal does not have any metal transfer from the bushing, the halfshaft can be reused. Use the service kit that contains only the bushing and seal.
- b. If the journal surface finish has metal transfer from the bushing, replace the front halfshaft. Refer to WSM, Section 205-04.
 - (1) The replacement bushing with the red Teflon® coating on the inside diameter of the bushing allows for the reuse of the original halfshaft if the halfshaft journal does not have any metal transfer from the original bushing.

3. Replace the transmission case bushing. Refer to WSM, Section 307-01.

2009-2012 Escape/2009-2011 Mariner

- 1. Remove the LH halfshaft. Refer to WSM, Section 307-01.
- 2. Inspect the halfshaft journal surface finish. (Figure 1)
 - a. If the journal surface does not have any metal transfer from the bushing, the constant velocity (CV) joint can be reused. Use the service kit that contains only the bushing and seal.
 - b. If journal surface finish has metal transfer from the bushing, replace the inner CV joint housing. Refer to WSM, Section 205-04.
- 3. Replace the transmission case bushing. Refer to WSM, Section 307-01.

Obtain Locally	
Part Number	Part Description
648™	LOCTITE®

PART NUMBER	PART NAME
9L8Z-1177-E	Bushing and Seal Kit - All Applications
W705967-S440	Nut- Axle - 2009-2012 Escape
6E5Z-3B477-AA	Nut - Axle - 2010-2012 Fusion
W712772-S439	Nut - Axle - Edge
W712435-S439	Nut - Axle - Taurus/MKT/Explorer
CV6Z-3B477-A	Nut - Axle - 2013-2014 Escape
CCPZ-3B477-A	Nut - Axle - 2013-2014 Fusion/MKZ
W500550-S439	Bolt - Damper - 2010-2012 Fusion
W302117-S300	Nut - Damper - 2010-2012 Fusion
6E5Z-3B477-AA	Nut - Ball Joint - 2010-2012 Fusion
W709618-S439	Bolt - Ball Joint Pinch - 2009-2012 Escape
W520213-S440	Nut - Ball Joint Pinch - Edge /2009-2012 Escape
W714681-S439	Bolt - Ball Joint Pinch - Edge
W715545-S439	Bolt - Ball Joint Pinch - Taurus
W520517-S440	Nut - Ball Joint Pinch - Taurus
W714890-S440	Nut - Ball Joint - Explorer/MKT
W716075-S442	Bolt - Ball Joint Pinch - 2013-2014 Escape
W520214-S443	Nut - Ball Joint Pinch - 2013-2014 Escape/Fusion/MKZ

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PART NUMBER	PART NAME
W500545-S439	Bolt - Ball Joint - 2013-2014 Fusion/MKZ
7T4Z-4B422-A	Circlip - Edge
BB5Z-4B422-B	Circlip - Taurus/MKT/MKZ
BB5Z-4B422-A	Circlip - Explorer
AE5Z-4B422-A	Circlip - 2010-2012 Fusion/ 2013-2014 Escape
BB5Z-4B422-C	Circlip - 2013-2014 Fusion
XT-10-QLVC	Motorcraft® MERCON® LV Transmission Fluid
AL8Z-3B414-B	CV Joint Kit - 2009-2012 Escape/2009-2011 Mariner
BE5Z-3B414-C	Halfshaft Kit - 2010-2012 Fusion 2.5L
BE5Z-3B414-D	Halfshaft Kit - 2010-2012 Fusion 3.0L
CT4Z-3A427-A	Halfshaft - Edge
DG1Z-3B437-D	Halfshaft - Taurus/MKT
BB5Z-3B437-F	Halfshaft - Explorer
CV6Z-3B437-A	Halfshaft - 2013-2014 Escape 1.6L/2.5L
CV6Z-3B437-B	Halfshaft - 2013-2104 Escape 2.0L
DG9Z-3B437-G	Halfshaft - 2013-2014 Fusion/MKZ

OPERATION	DESCRIPTION	TIME
160043A	2012-2014 Edge, 2012-2014 Explorer: Replace The Left Hand Halfshaft Seal, Bushing And Halfshaft Assembly If Necessary (Do Not Use With Any Other Labor Operations)	1.9 Hrs.
160043A	2013-2014 Escape: Replace The Left Hand Halfshaft Seal, Bushing And Halfshaft Assembly If Necessary (Do Not Use With Any Other Labor Operations)	2.0 Hrs.
160043A	2013-2014 Fusion, MKZ: Replace The Left Hand Halfshaft Seal, Bushing And Halfshaft Assembly If Necessary (Do Not Use With Any Other Labor Operations)	2.1 Hrs.
160043A	2013-2014 MKT, Taurus, 2010-2011 Milan, 2010-2012 Fusion: Replace The Left Hand Halfshaft Seal, Bushing And Halfshaft Assembly If Necessary (Do Not Use With Any Other Labor Operations)	2.3 Hrs.
160043B	2009-2011 Mariner, 2009-2012 Escape: Replace The Left Hand Halfshaft Seal And Bushing (Do Not Use With Any Other Labor Operations)	2.2 Hrs.
160043C	2009-2011 Mariner, 2009-2012 Escape: Replace The Left Hand Halfshaft CV Joint Housing, Seal And Bushing (Do Not Use With Any Other Labor Operations)	2.6 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
7025	30