

SB-10056925-3455

FORD:

2011-2014 Fiesta
2012-2014 Focus

This article supersedes TSB 14-0047 to update the Title, Issue Statement, Service Procedure and Part List.

ISSUE

Some 2011-2014 Fiesta and 2012-2014 Focus vehicles equipped with a DPS6 automatic transmission may exhibit an excessive transmission clutch shudder on light acceleration. Some vehicles may or may not exhibit transmission fluid leaking from the clutch housing.

ACTION

Follow the Service Procedure steps to correct the concern.

SERVICE PROCEDURE

Refer to Workshop Manual (WSM), Section 307-01 for 2012-2014 Focus and 2014 Fiesta. For 2011-2013 Fiesta refer to WSM, Section 307-11.

When referred to the WSM – All steps listed in the WSM must be performed.

1. **NOTE:**

PERFORMING THE SERVICE ROUTINES WILL CLEAR ADAPTIVE STRATEGY. FAILURE TO PERFORM ALL STEPS OF THE IDS ROUTINES MAY RESULT IN ERRATIC SHIFTS AND DRIVEABILITY CONCERNS.

Reprogram the powertrain control module (PCM)/transmission control module (TCM) to the latest calibration using Integrated Diagnostic System (IDS) release 91.01 or later. Calibration files may also be obtained at www.motorcraftservice.com.

2. Using IDS follow the WSM Diagnosis and Testing, Diagnosis by Symptom, Pinpoint Test A (Focus, 2014 Fiesta) or Pinpoint Test N (2011-2013 Fiesta) - Clutch Shudder on Acceleration to diagnose shudder.

NOTE: FORD AND LINCOLN DEALERSHIPS NEED TO OBTAIN PRIOR APPROVAL BEFORE PROCEEDING WITH THE INSTALLATION OF A NEW CLUTCH AFTER CLEANING. SAVE AND UPLOAD IDS SESSION DATA CAPTURED FROM THE POST CLUTCH CLEANING VALIDATION IN THE PINPOINT TEST FOR USE IN THE PRIOR APPROVAL PROCESS. (FIGURE 1)

WARNING: BRAKE PARTS CLEANER PM-4-A IS IRRITATING TO THE SKIN, EYE AND RESPIRATORY TRACT. THIS PRODUCT MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USE. DUE TO THE VOLUME OF PM-4-A USED DURING THE CLEANING PROCEDURE, THE OPERATOR MUST ENSURE ADEQUATE LOCAL VENTILATION. THE OPERATOR MUST WEAR AN ORGANIC CARTRIDGE WITH PARTICLE FILTER RESPIRATOR, EYE PROTECTION (CHEMICAL GOGGLES), NEOPRENE GLOVES, AND LONG SLEEVES. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY.

WARNING: KEEP SOLVENTS AWAY FROM IGNITION SOURCES. SOLVENTS MAY BE FLAMMABLE AND CAN IGNITE OR EXPLODE IF NOT HANDLED CORRECTLY. FAILURE TO FOLLOW THIS INSTRUCTION MAY RESULT IN SERIOUS PERSONAL INJURY.

| PART NUMBER | PART NAME |
|--------------------|----------------------------------------------------------------------|
| EV6Z-7052-A | Seal Kit - Focus (Figure 2) Required For All Clutch And Seal Repairs |

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.

| PART NUMBER | PART NAME |
|--------------|------------------------------------------------------------------------|
| EV6Z-7052-B | Seal Kit - Fiesta (Figure 2) Required For All Clutch And Seal Repairs |
| AE8Z-7B546-E | Dual Clutch Assembly Kit - Fiesta Built On Or Before 1/12/2011 |
| BV6Z-7B546-F | Dual Clutch Assembly Kit - Focus & Fiesta Built On Or Aafter 1/13/2011 |
| AE8Z-7007-A | Engine-to-Transaxle Separator Plate — 1.6L |
| XL-2 | Motorcraft® High Temperature Nickel Anti-Seize Lubricant |
| XT-11-QDC | Motorcraft® Dual Clutch Transmission Fluid |
| PM-4-A | Motorcraft® Metal Brake Parts Cleaner (Up To 6 Cans Req) |

| OPERATION | DESCRIPTION | TIME |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 140131A | 2012-2014 Focus DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Release The Vehicle Within Expected Limits (Do Not Use With Any Other Labor Operations) | 1.1 Hrs. |
| 140131A | 2011-2013 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Release The Vehicle Within Expected Limits (Do Not Use With Any Other Labor Operations) | 1.1 Hrs. |
| 140131A | 2014 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Release The Vehicle Within Expected Limits (Do Not Use With Any Other Labor Operations) | 1.1 Hrs. |
| 140131B | 2012-2014 Focus DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 6.4 Hrs. |
| 140131B | 2011-2013 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 5.9 Hrs. |
| 140131B | 2014 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 6.3 Hrs. |
| 140131C | 2012-2014 Focus DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 6.8 Hrs. |
| 140131C | 2011-2013 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 6.3 Hrs. |
| 140131C | 2014 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clutch, Includes Post Road Test (Do Not Use With Any Other Labor Operations) | 6.7 Hrs. |
| 140131D | 2012-2014 Focus DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Twice Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clean Clutch (Do Not Use With Any Other Labor Operations Except E) | 7.6 Hrs. |

| OPERATION | DESCRIPTION | TIME |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 140131D | 2011-2013 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Twice Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clean Clutch (Do Not Use With Any Other Labor Operations Except E) | 7.1 Hrs. |
| 140131D | 2014 Fiesta DPS6: Reprogram The PCM/TCM, Perform Pinpoint Test Twice Per WSM Procedure, Replace Both Inner Input Shaft Seals And Clean Clutch (Do Not Use With Any Other Labor Operations Except E) | 7.5 Hrs. |
| 140131E | 2012-2014 Focus DPS6: Replace Clutch, This Operation Requires A Prior Approval Code And Can Only Be Claimed With Operation D When Shudder Is Present Over 250 RPM After Clutch Cleaning. Includes Time For Prior Approval, Includes Post Road Test (Do Not Use With Any Other Labor Operation Except D) | 5.9 Hrs. |
| 140131E | 2011-2013 Fiesta DPS6: Replace Clutch, This Operation Requires A Prior Approval Code And Can Only Be Claimed With Operation D When Shudder Is Present Over 250 RPM After Clutch Cleaning. Includes Time For Prior Approval, Includes Post Road Test (Do Not Use With Any Other Labor Operation Except D) | 5.4 Hrs. |
| 140131E | 2014 Fiesta DPS6: Replace Clutch, This Operation Requires A Prior Approval Code And Can Only Be Claimed With Operation D When Shudder Is Present Over 250 RPM After Clutch Cleaning. Includes Time For Prior Approval, Includes Post Road Test (Do Not Use With Any Other Labor Operation Except D) | 5.8 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 |
|----------------|----------------|
| 7B546 | 14 |

Ford & Lincoln Dealership DPS6 Transmission Clutch Prior Approval Submission Process

ONLY REQUIRED WITH LABOR OPERATION E CLUTCH REPLACEMENT AFTER CLUTCH CLEANING

1. Access the Professional Technician Society (PTS) to submit a Prior Approval Request.
2. Select the Vehicle ID tab.
3. Run OASIS, by entering the VIN and an applicable symptom code and select "GO".
4. Scroll to the very bottom of the OASIS report and select "Prior Approval".
5. Select "Continue" to advance to the next page.
6. Select "DPS6 Clutch TSB" under the "Powertrain Components" heading.
7. The subsequent pages will ask for additional information regarding the vehicle and warranty coverage, select the proper responses using the available resources.
8. The prior approval form will appear preloaded with the vehicle information.
9. Answer all questions and drop down selections on the form, providing the most accurate and detailed descriptions.
10. Enter a cell phone number and provider if you would like a text message when a response has been posted to PTS.

NOTE: Adding a phone number is not required to submit the request form.

11. Check back on PTS for your reply, under Home > Tech Hotline > Prior Approval Status.

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SEAL KIT CONTENTS

| Focus Seal Kit (EV6Z-7052-A) | Kit Qty | Part Number |
|----------------------------------------------------------|---------|-------------------------------|
| Input Shaft Seal Inner | 1 | AE8Z-7052-D or AE8Z-7052-C |
| Clutch-To-Hollow Input Shaft Snap Ring | 1 | AE8Z-7064-A |
| Input Shaft Seal Outer | 1 | AE8Z-7048-C or AE8Z-7048-B |
| Clutch Snap Ring (Replace If Reusing Original Clutch) | 1 | AE8Z-7064-B |
| Transaxle Input Shaft/Spline Lubricant | 1 | 9U7Z-19A506-BA |
| Flexplate-To-Clutch Nut | 6 | W705448-S441 |
| Bearing Retainer Strap | 1 | YS4Z-3N324-AA |
| Bearing Retainer Strap Nut | 2 | W520102-S442 |
| Halfshaft Seal Kit | 2 | AE8Z-1S177-B |
| Ball Joint Bolt | 2 | W715491-S442 |
| Ball Joint Nut | 2 | W520415-S442 |
| Fiesta Seal Kit (EV6Z-7052-B) | Kit Qty | Part Number |
| Input Shaft Seal Inner | 1 | AE8Z-7052-D or AE8Z-7052-C |
| Clutch-To-Hollow Input Shaft Snap Ring | 1 | AE8Z-7064-A |
| Input Shaft Seal Outer | 1 | AE8Z-7048-C or AE8Z-7048-B |
| Clutch Snap Ring (Replace If Reusing Original Clutch) | 1 | AE8Z-7064-B |
| Transaxle Input Shaft/Spline Lubricant | 1 | 9U7Z-19A506-BA |
| Flexplate-To-Clutch Nut | 6 | W705448-S441 |
| Bearing Retainer Strap | 1 | YS4Z-3N324-AA |
| Bearing Retainer Strap Nut | 2 | W520102-S442 |
| Halfshaft Seal Kit | 2 | AE8Z-1S177-B |
| Exhaust Gasket | 1 | 2S6Z-9450-A |
| Exhaust Nut | 2 | W703662-S403 |
| Ball Joint Bolt | 2 | W709618-S442 |
| Ball Joint Nut | 2 | W520203-S442 |

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Figure 2 - Article 14-0131