

**VIBRATION/THUMP/CLUNK NOISE UNDER VEHICLE—
BUILT ON OR BEFORE 1/16/2012**

TSB 13-2-13

FORD:
2009-2012 F-150

ISSUE

Some 2009-2012 F-150 vehicles built on or before 1/16/2012 may exhibit a vibration, thump or clunk noise from under the vehicle that may be more noticeable with increased road speed and driveline torque.

- a. Yes - replace driveshaft assembly. Refer to Workshop Manual (WSM), Section 205-01.
- b. No - this article does not apply. Refer to WSM, Section 205-01 for normal diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition

| PART NUMBER | PART NAME |
|-----------------------|---|
| N800594-S100 4R602 | Driveshaft Bolt Driveshaft Assembly (See Application Chart - End Of Article) |

SERVICE PROCEDURE

1. Inspect the rubber bonded joint of the driveshaft center support bearing for signs of separating from the canister sleeve. (Figure 1)

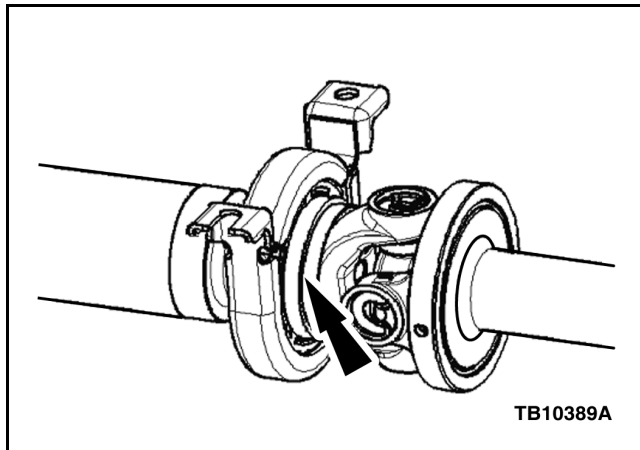


Figure 1 - Article 13-2-13

2. Is the rubber bonded joint separating from the canister sleeve?

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 |
|-----------|---|---------|
| 130213A | 2009-2012 F-150: Inspect And Replace The Driveshaft Assembly (Do Not Use With Any Other Labor Operations) | 0.5 Hr. |

DEALER CODING

BASIC PART NO.
4K145

CONDITION
CODE
01

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

DRIVESHAFT ASSEMBLY APPLICATION CHART

| SERVICE PART NUMBER | MODEL YEAR(S) | VEHICLE BUILD DATES | ENGINE(S) | TRANS | DRIVE | AXLE | 126" | 133" | 145" | 157" | 163" |
|---------------------|---------------|-------------------------|---------------------------|-------|-------|------|------|------|------|------|------|
| BL3Z-4R602-B | 2011-2012 | (11/3/2010 - 9/19/2012) | 3.7L | | RWD | | X | | | | |
| BL3Z-4R602-C | 2011-2012 | (11/3/2010 - 9/24/2012) | 5.0L | | 2WD | | X | | | | |
| 9L3Z-4R602-AF | 2009 | (8/18/2008 - 7/6/2009) | 4.6L | 4R75E | 2WD | | | X | | | |
| 9L3Z-4R602-CF | 2009 | (8/18/2008 - 7/6/2009) | 5.4L / 4.6L | 6R80 | 2WD | 9.75 | | X | | | |
| 9L3Z-4R602-PE | 2009 | (8/18/2008 - 7/6/2009) | 4.6L | 6R80 | 2WD | 8.8 | | X | | | |
| AL3Z-4R602-HB | 2009-2010 | (8/18/2008 - 11/3/2010) | 4.6L | 4R75E | 2WD | | | | X | | |
| AL3Z-4R602-RB | 2009-2010 | (8/18/2008 - 11/3/2010) | 4.6L | 6R80 | 2WD | 8.8 | | | X | | |
| AL3Z-4R602-GB | 2009-2011 | (8/18/2008 - 9/15/2011) | 6.2L / 5.4L / 5.0L / 4.6L | 6R80 | 2WD | 9.75 | | | X | | |
| BL3Z-4R602-A | 2011-2012 | (11/3/2010 - 9/19/2012) | 3.7L | | RWD | | | | X | | |
| BL3Z-4R602-H | 2011-2012 | (1/3/2011 - 9/19/2012) | 3.5L | | RWD | | | | X | | |
| BL3Z-4R602-M | 2011-2012 | (9/15/2011 - 9/19/2012) | 6.2L / 5.0L | | 2WD | | | | X | | |
| AL3Z-4R602-UB | 2009 | (8/18/2008 - 7/6/2009) | 4.6L | | 4WD | 8.8 | | | | X | |
| AL3Z-4R602-SB | 2009-2010 | (8/18/2008 - 11/3/2010) | 4.6L | 6R80 | 2WD | 8.8 | | | | X | |
| AL3Z-4R602-TB | 2009-2010 | (8/18/2008 - 11/3/2010) | 4.6L | 4R75E | 2WD | | | | | X | |
| AL3Z-4R602-KB | 2009-2011 | (8/18/2008 - 9/15/2011) | 5.4L / 5.0L / 4.6L | | 4WD | 9.75 | | | | X | |
| AL3Z-4R602-JB | 2009-2012 | (8/18/2008 - 11/3/2010) | 6.2L / 5.4L / 5.0L / 4.6L | 6R80 | 2WD | 9.75 | | | | X | |
| BL3Z-4R602-D | 2011-2012 | (1/3/2011 - 9/19/2012) | 3.5L | | 4WD | | | | | X | |
| BL3Z-4R602-J | 2011-2012 | (1/3/2011 - 9/19/2012) | 3.5L | | RWD | | | | | X | |
| BL3Z-4R602-L | 2011-2012 | (9/15/2011 - 9/19/2012) | 6.2L / 5.0L | | 4WD | | | | | X | |
| DL3Z-4R602-G | 2009-2012 | (8/18/2008 - 9/20/2012) | 5.4L / 5.0L | | 2WD | | | | | | X |
| AL3Z-4R602-NB | 2009-2012 | (8/18/2008 - 9/25/2012) | 5.4L / 5.0L | | 4WD | | | | | | X |
| BL3Z-4R602-G | 2011-2012 | (1/3/2011 - 9/25/2012) | 3.5L | | 4WD | | | | | | X |
| BL3Z-4R602-K | 2011-2012 | (1/3/2011 - 9/21/2012) | 3.5L | | RWD | | | | | | X |

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Figure 1 - Article 13-2-13