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Ford Motor Company  
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October 6, 2017

**TO:** All U.S. Ford and Lincoln Dealers

**SUBJECT: Safety Recall 17S30**

Certain 2015 Model Year F-650/F-750 Vehicles Equipped with a Dana Front Axle  
Steering Knuckle to Tie-Rod End Nut Torque

**AFFECTED VEHICLES**

Vehicle	Model Year	Assembly Plant	Build Dates
F650/F750	2015	Escobedo	March 4, 2015 through April 27, 2015

Affected vehicles are identified in OASIS and FSA VIN Lists.

**REASON FOR THIS SAFETY RECALL**

In some of the affected vehicles, equipped with a Dana front steer axle (D850, E-1002 or E-1202), the steering knuckle to tie-rod end nut may not have been torqued to the minimum specification. A loose tie-rod end nut will cause significant auditory warning and/or looseness in the steering. If operation of the vehicle is continued, the tie-rod may become disconnected from the knuckle, which could cause the driver to lose the ability to steer the passenger side wheel at low speeds, increasing the risk of crash.

**SERVICE ACTION**

Dealers are to torque the left and right side steering knuckle to tie-rod end nuts. This service must be performed on all affected vehicles at no charge to the vehicle owner.

**OWNER NOTIFICATION MAILING SCHEDULE**

Owner letters are expected to be mailed the week of October 30, 2017. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

**PLEASE NOTE:**

**Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$21,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.**

**ATTACHMENTS**

- Attachment I: Administrative Information
- Attachment II: Labor Allowances and Parts Ordering Information
- Attachment III: Technical Information
- Owner Notification Letter
- Recall Reimbursement Plan

**QUESTIONS & ASSISTANCE**

For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician Society (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

Sincerely,



Michael A. Berardi

**Safety Recall 17S30**

Certain 2015 Model Year F-650/F-750 Vehicles Equipped with a Dana Front Axle Steering Knuckle to Tie-Rod End Nut Torque

**OASIS ACTIVATION**

OASIS was activated on September 26, 2017.

**FSA VIN LISTS ACTIVATION**

FSA VIN Lists were available through <https://web.fsavinlists.dealerconnection.com> on September 26, 2017. Owner names and addresses will be available by November 14, 2017.

**NOTE:** Your FSA VIN Lists may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries.

Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall.

**SOLD VEHICLES**

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.
- Dealers are to prioritize repairs of customer vehicles over repairs of new and used vehicle inventory.

**STOCK VEHICLES**

- Use OASIS to identify any affected vehicles in your used vehicle inventory.

**DEALER-OPERATED RENTAL VEHICLES**

The Fixing America's Surface Transportation (FAST) Act law effective June 2016 prohibits a rental company from selling, renting or leasing vehicles subject to a safety or compliance recall. Please consult your legal counsel for legal advice.

**TITLE BRANDED / SALVAGED VEHICLES**

Affected title branded and salvaged vehicles are eligible for this recall.

**ADDITIONAL REPAIR (LABOR TIME AND/OR PARTS)**

Additional repairs identified as necessary to complete the FSA should be managed as follows:

- For vehicles within new vehicle bumper-to-bumper warranty coverage, follow existing warranty and policy guidelines for related damage claims. No SSSC approval is required for these vehicles:
  - F-650/F-750 trucks – 2 years, regardless of miles driven
- For vehicles outside new vehicle bumper-to-bumper warranty coverage, submit an Approval Request to the SSSC Web Contact Site prior to completing the repair.

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**OWNER REFUNDS**

- **This safety recall must be performed, even if the owner has paid for a previous repair. Claiming a refund will not close the recall on the vehicle.**
- Ford Motor Company is offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which is posted with this bulletin. Owners are directed to seek reimbursement through authorized dealers or, at their option, directly through Ford Motor Company at P.O. Box 6251, Dearborn, MI 48121-6251.
- Dealers are also pre-approved to refund owner-paid emergency repairs that were performed away from an authorized servicing dealer after the end date specified in the reimbursement plan. Non-covered repairs, or those judged by Ford to be excessive, will not be reimbursed.
- Refunds will only be provided for the cost associated with steering knuckle to tie-rod end nut torque on Dana front axles.

**RENTAL VEHICLES**

Rental vehicles are not approved for this program.

**CLAIMS PREPARATION AND SUBMISSION**

- Enter claims using Direct Warranty Entry (DWE) or One Warranty Solution (OWS).
  - DWE: refer to ACESII manual for claims preparation and submission information.
  - OWS: when entering claims in DMS software, select claim type 31: Field Service Action. The FSA number 17S30 is the sub code.
- Additional labor and/or parts must be claimed as related damage on a separate repair line from the FSA.
- Submit refunds on a separate repair line.
  - Program Code: 17S30 - Misc. Expense: ADMIN
  - Misc. Expense: REFUND - Misc. Expense: 0.2 Hrs.
- Provision for locally obtained 1/8 x 1&3/4 Cotter Pin: Submit on the same line as the repair.
  - Program Code: 17S30 - Misc. Expense: OTHER
  - Misc. Expense: Claim up to \$2.00
- Multiple refunds should be submitted on one repair line and the invoice details for each repair should be detailed in the comments section of the claim.

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**LABOR ALLOWANCES**

Description	Labor Operation	Labor Time
Torque steering knuckle to tie-rod end nut	17S30B	0.3 Hours

**PARTS REQUIREMENTS / ORDERING INFORMATION**

Part Number	Description		Claim Quantity
Obtain locally	1/8 x 1&3/4 Cotter Pin		2

**DEALER PRICE**

For latest prices, refer to DOES II.

**PARTS RETENTION AND RETURN**

Follow the provisions of the Warranty and Policy Manual, Section 1 - WARRANTY PARTS RETENTION AND RETURN POLICIES.

**EXCESS STOCK RETURN**

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

## CERTAIN 2015 MODEL YEAR F-650/750 VEHICLES — STEERING KNUCKLE TO TIE-ROD END NUT TORQUE

### OVERVIEW

In some of the affected vehicles equipped with a Dana front steer axle (D850, E-1002 or E-1202), the steering knuckle to tie-rod end nut may not have been torqued to the minimum specification. A loose tie-rod end nut will cause significant auditory warning and/or looseness in the steering. If operation of the vehicle is continued, the tie-rod may become disconnected from the knuckle, which could cause the driver to lose the ability to steer the passenger side wheel at low speeds, increasing the risk of crash. Dealers are to torque the left and right side steering knuckle to tie-rod end nuts.

### INSPECTION PROCEDURE

#### Recommended Tool List:

General Tools
1/2" Drive 33mm Impact Socket
1/2" Drive Torque Wrench
Side Cutters

1. Remove the right hand and left hand tie rod end cotter pins.
2. Torque the right hand and left hand tie rod end nuts to 130 lb-ft (176 Nm).
3. Install *new* cotter pins to the right hand and left hand tie rod end nuts.
  - If the *new* cotter pin can be reinstalled in the same hole, the repair is complete.
  - If the *new* cotter pin can not be reinstalled in the same hole, contact the Special Service Support Center.

