

PICKUP - 34-GALLON FUEL TANK - CUSTOMER CONCERN FUEL TANK IS LESS THAN ADVERTISED CAPACITY - BUILT ON OR BEFORE 01-APR-2017

TSB 17-0046

FORD:

2017 F-250, F-350, F-450

ISSUE

Some 2017 F-Super Duty pickups equipped with a 34-gallon fuel tank and built on or before 01-Apr-2017 may exhibit a customer concern that the fuel tank is less than advertised capacity. This may be due to a greater total reserve capacity than anticipated once the fuel level gauge and/or distance to empty (DTE) message indicates the fuel tank is empty.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Check the vehicle wheelbase. The 34 gallon fuel tanks are standard on all gasoline pickups with a 142", 148", 160" and 164" wheelbase and on all diesel pickups with 160" or 164" wheelbase. Use the additional information link on the Online Automotive Service Information System (OASIS) report or the window sticker to determine wheelbase. Is the vehicle equipped with the 34-gallon fuel tank?
 - a. Yes - proceed to Step 2.
 - b. No – this article does not apply. Refer to Workshop Manual (WSM), Section 413-01 for normal diagnostics.
2. Is the vehicle equipped with a gas or diesel engine?
 - a. Gasoline engine - proceed to Step 3.
 - b. Diesel engine - proceed to Step 4.
3. Was the vehicle built on or before 01-Dec-2016?
 - a. Yes - replace the fuel tank and fuel level sender. Refer to WSM, Section 310-01. Repair is complete.
 - b. No - proceed to Step 5.
4. Was the vehicle built on or before 20-Mar-2017?
 - a. Yes - replace the fuel tank and fuel level sender. Refer to WSM, Section 310-01. Repair is complete.
 - b. No - proceed to Step 5.
5. Replace the fuel tank. Refer to WSM, Section 310-01.

PART NUMBER	PART NAME
HC3Z-9A299-M	Gas Engine Fuel Level Sender Assembly
HC3Z-9A299-N	Diesel Engine Fuel Level Sender Assembly
HC3Z-9002-N	Gas Fuel Tank
HC3Z-9002-M	Diesel Fuel Tank
4L3Z-9276-AA	Fuel pump O-ring

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.

OPERATION	DESCRIPTION	TIME
170046A	2017 F-Super Duty Pickup: Replace The Fuel Tank And The Fuel Level Sender If Required Includes Time To Remove And Install Fuel Tank And Transfer Necessary Components (Do Not Use With Any Other Labor Operations)	1.4 Hrs.

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions 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
9002	42