

## CERTAIN 2016-2017 F-650/750 AND 2017 F-350/450/550 VEHICLES EQUIPPED WITH A 6.7L DIESEL ENGINE — CRANKCASE OIL SEPARATOR FILTER ELEMENT

### OVERVIEW

In some of the affected vehicles, the engine crankcase oil separator filter may have a bypass valve with the incorrect spring rate. An incorrect spring rate may allow the bypass valve to open before the service interval is reached. The valve opening early results in oil carryover into the turbocharger, potentially increasing carbon dioxide (CO<sub>2</sub>) emissions. Before delivering any new in-stock vehicles involved in this recall, dealers are to replace the crankcase oil separator filter element.

### SERVICE PROCEDURE

#### Recommended Tool List:

1/4" Drive Short Well Socket 8mm
1/4" Drive Universal Joint
1/4" Air Ratchet
1/4" Ratchet
1/4" Drive Torque Wrench
1/4" Drive Extension 6 in (152 mm)
Rubber Tip Blow Gun

#### All Vehicles

1. Replace the crankcase oil separator filter element.
  - For F-350/450/550 vehicles please follow the WSM Procedures in Section 303-08C.
  - For F-650/750 vehicles please follow the WSM Procedures in Section 303-08B.

#### F-350/450/550 Vehicles Only

**NOTE:** Perform the following step to bleed the air from the fuel system.

2. Bleed the fuel system by cycling the ignition 3 times in the following sequence:
  - a. Turn the ignition key ON without cranking the engine.
  - b. Wait 30 seconds for the fuel pump and sender unit to run.
  - c. Turn the ignition key OFF.
  - d. Repeat 3 times.

