

TECHNICAL SERVICE BULLETIN

Part #:	RMS-12312024	Engine:	6.7L Powerstroke
Date:	12/23/2024	Title:	Rear Main Seal - Crankshaft Position Sensor and Pulse Ring

Note: For 6.7L Powerstroke engines the use of a rear crankshaft seal installer, part number 303-1514, is required.



ATTENTION: Do not use magnetic screwdrivers or other magnetic tools around the CKP sensor and the crankshaft sensor pulse ring or damage to the components may occur and cause a P0016 code for camshaft / crankshaft correlation. Verify upon install that the Crankshaft Position Sensor is not protruding into the rear crankshaft seal area.

NOTICE: Failure to install the crankshaft rear seal with the part numbers facing out may result in engine damage.

NOTICE: Do not use grease or petroleum jelly instead of engine oil. Failure to follow this may result in crankshaft rear seal leakage.

NOTICE: Do not discard the installation sleeve provided with the rear crankshaft seal. It is used for installation of the crankshaft seal.

NOTICE: Check for correct orientation of the installation sleeve prior to sliding the seal on the crankshaft.

NOTICE: Apply clean engine oil to the outer diameter of the crankshaft rear seal and the crankshaft sealing surface.

- Position the installation sleeve onto the crankshaft, slide the new crankshaft rear seal over the installation sleeve onto the crankshaft. Remove and discard the installation sleeve. Material: Engine Oil - 10W30 (WSS-M2C171-F1)
- Using the special tool, install the crankshaft rear seal. Use Special Service Tool: 303-1514 Installer, Rear Crank Seal. Visual clearance between (.010 in) and (.070 in) is recommended between the crankshaft position sensor and the crankshaft sensor pulse ring.

