

VT No. 32-2152

SERVICE BULLETIN

MILWAUKEE-EIGHT ENGINE - CRANKSHAFT POSITION SENSOR

Purpose for Service Bulletin

To notify dealers of a Crankshaft Position (CKP) Sensor change for 2017-2020 vehicles equipped with a Milwaukee-Eight® (MKE-8) powertrain.

Changing to the new CKP Sensor from the previous design.

Motorcycles Affected

All vehicles from 2017-2020 equipped with a MKE-8.

Table 1.

Years	Platform
2017-2020	Touring, CVO Touring, Touring Police, Trike
2018-2020	Softail

Markets Affected

All markets are affected.

Part Numbers

Table 2. Part Numbers

Current Part No.	Item Description	New Part No.
32-0244	CKP Sensor	32-2152

Required Action

1. Use the new CKP Sensor (**32-2152**) as the replacement for all current CKP Sensor (**32-0244**) on 2017-2020 Touring, CVO Touring, Touring Police and Trike platforms.
2. After inventory is depleted of the current CKP Sensor (**32-0244**) use the replacement CKP Sensor (**32-2152**) on 2018-2020 Softail models.

Inventory Instructions

Deplete existing inventory of current CKP Sensors (**32-0244**) on 2018-2020 Softail models equipped with a MKE-8 powertrain.

Crankshaft Position Sensor Extra Information

- See Figure 1. The CKP Sensor body is white in color.
- See Figure 2. Some discoloration (1) and sensor body doming (2) may be noted over time and occurs with engine heat cycles. This is not grounds for replacement or signs of a sensor defect.
- If a sensor is suspected of being defective, follow the diagnostic steps outlined within the Electrical Diagnostic Manual (EDM) for the appropriate model and model year of the vehicle being repaired.

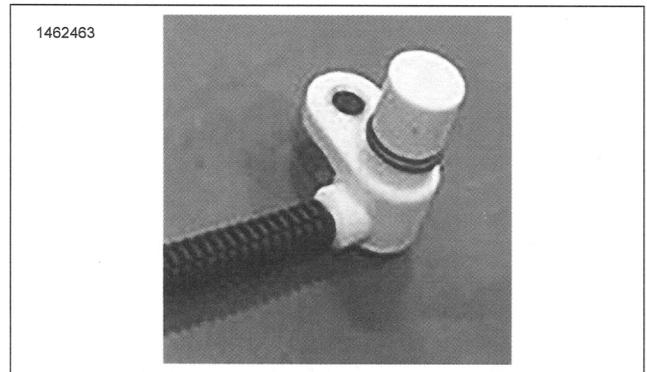
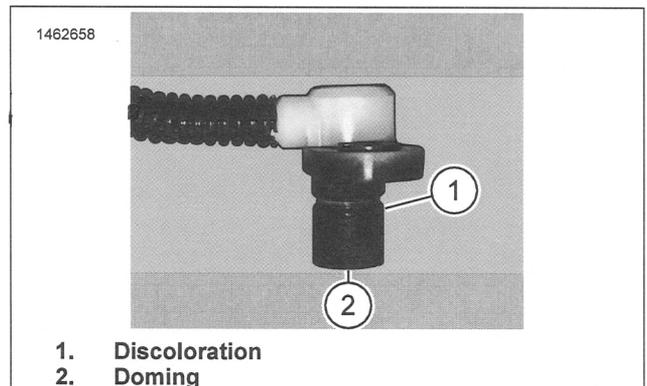


Figure 1. New CKP Sensor



1. Discoloration
2. Doming

Figure 2. Heat Cycled CKP Sensor