SERVICE BULLETIN



M1517

M1517: 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 as an update is not a warrantable event.

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.		
32700048	CKP Sensor	32700144		

Required Dealer Action

- Use the new CKP Sensor (Part No.32700144) as the replacement for all current CKP Sensor (Part No.32700048) on 2017-2020 Touring, CVO Touring, Touring Police and Trike platforms.
- After dealers inventory is depleted of the current CKP Sensor (Part No.32700048) use the replacement CKP Sensor (Part No.32700144) on 2018-2020 Softail models.

Dealer Inventory Instructions

Deplete existing dealer inventory of current CKP Sensors (Part No.32700048) 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

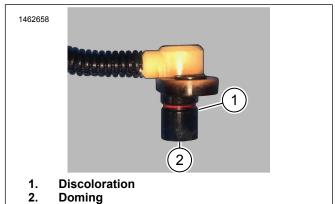


Figure 2. Heat Cycled CKP Sensor

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

RC	DUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	WARRANTY PROCESS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITI	IAL HERE									

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