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.

<table>
<thead>
<tr>
<th>Years</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-2020</td>
<td>Touring, CVO Touring,</td>
</tr>
<tr>
<td></td>
<td>Touring Police, Trike</td>
</tr>
<tr>
<td>2018-2020</td>
<td>Softail</td>
</tr>
</tbody>
</table>

Markets Affected
All markets are affected.

Part Numbers
Table 2. Part Numbers

<table>
<thead>
<tr>
<th>Current Part No.</th>
<th>Item Description</th>
<th>New Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>32700048</td>
<td>CKP Sensor</td>
<td>32700144</td>
</tr>
</tbody>
</table>

Required Dealer Action
1. 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.

2. 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.

NOTE
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.