



**Subject:** New Push-In Style Speed Sensors

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**Description:**

A redesigned speed sensor has been released into production and service. External changes include a sensor body designed to minimize corrosion seizing and integrated retaining clip that will not distort the sensor when the retaining cap screw is tightened. Sensor output signal, harness connector interface and 14142 O-ring are all interchangeable with current design sensors.



**New Sensor**



**Current Sensor**

**Part Number Information:**

| <b>Current Sensor</b> | <b>New Sensor</b>                              |
|-----------------------|--|
| K-3231                | K-4185   |
| K-3454                | K-4148   |
| K-3455                | K-4151   |
| K-3612                | K-4150 (when current sensor stock is depleted) |
| K-3938                | K-4149   |

For drive socket clearance during installation, a new external Torx head retaining screw will also be included in the sensor service kits that use the integrated retaining clip.

### **X-8-0832M:**

- Replaces X-8-0801M (M8 x 1.25 x 12mm)
- Use E12 external Torx drive socket for installation
- Torque spec is 7-9 lbs. ft. (9-12 Nm)



**X-8-0832M – HD Output Sensors**

### **UltraShift PLUS Production**

#### **X-8-460:**

- Replaces X-8C-409 (0.250" - 20 x 0.625")
- Use E8 external Torx drive socket for installation
- Torque spec is 4-6 lbs. ft. (6-8 Nm)



**X-8-460 – Input & Mainshaft sensors  
(MD output sensors)**

### **UltraShift PLUS Service Only**

K-4149 will continue to use the A-7912 (old style speed sensor) without the integrated retaining clip at the Clutch, Input and Mainshaft positions until stock is exhausted.



### **Warranty Information:**

N/A

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