



**Roadranger®**

More time on the road™

## Bulletin: TAIB-0826

**Date:** November 23, 2010

**Bulletin Type:** Service

**Topic:** UltraShift® *PLUS* Product Enhancements

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### **Issue Description:**

Several product enhancements were implemented in April of 2010. Some of these changes will impact service kits and service part ordering.

### **Product Enhancements:**

- A push-in engine speed sensor has been integrated into the clutch housing of all UltraShift *PLUS* transmissions and will replace the typical thread-in speed sensor previously installed by OEM's on the engine flywheel housing.
- A nylon release bearing grease tube has replaced the rubber hose design.
- The clutch housing is now machined to be compatible with the push-in engine speed sensor and the nylon release bearing grease tube.
- Transmission harness kits were modified to accommodate both the flywheel and clutch housing mounted speed sensor.

### **Affected Models/Population:**

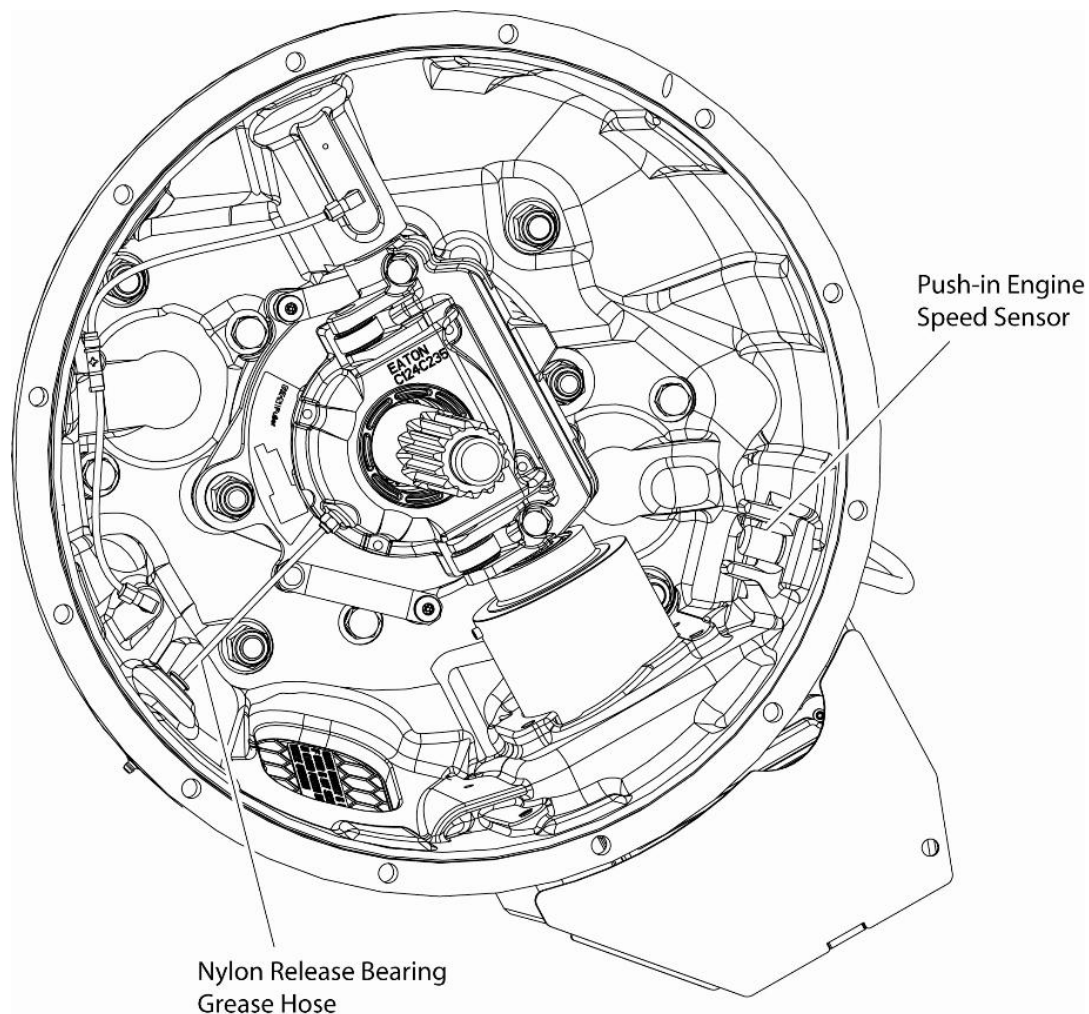
All UltraShift *PLUS* models built prior to the April 2010 product improvements.

## Field Strategy:

Part Changes	Old Service Part / Kit	New Service Part / Kit	Servicing Old Style Models
Engine Speed Sensor	K-3776 Speed Sensor (thread-in)	K-3938 Speed Sensor (push-in)	Both kits available for purchase. Can still service old style units with K-3776
Release Bearing Grease Hose	K-3987 Hose Kit (rubber)	K-4037 Hose Kit (nylon)	Both kits available for purchase. Can still service old style units with K-3987
Complete Service Transmission	<i>Obsolete</i> Units using the Engine Flywheel Mounted Speed Sensor	<i>Replaced by</i> Units with the Clutch Housing Mounted Speed Sensor	Flywheel Speed Sensors are no longer needed in cases where a complete service unit is replacing and old style unit. The old Flywheel sensor can be left in place or replaced with an OEM supplied plug.

## Enhancements Illustrated:

The New Style Clutch Housing contains provisions for the Nylon Release Bearing Grease Hose and the Push-in Engine Speed Sensor



**Warranty Information:**

NA

**Warranty Parts:**

- NA
- NA

**Warranty Labor:**

- NA
- NA

**Warranty Coverage: Warranty will not cover proactive replacement of the old style components to the new style**

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