



**April 20, 2026**

## **Technical Service Bulletin – 56**

### **Gear Position Sensor, Tremec 3160**

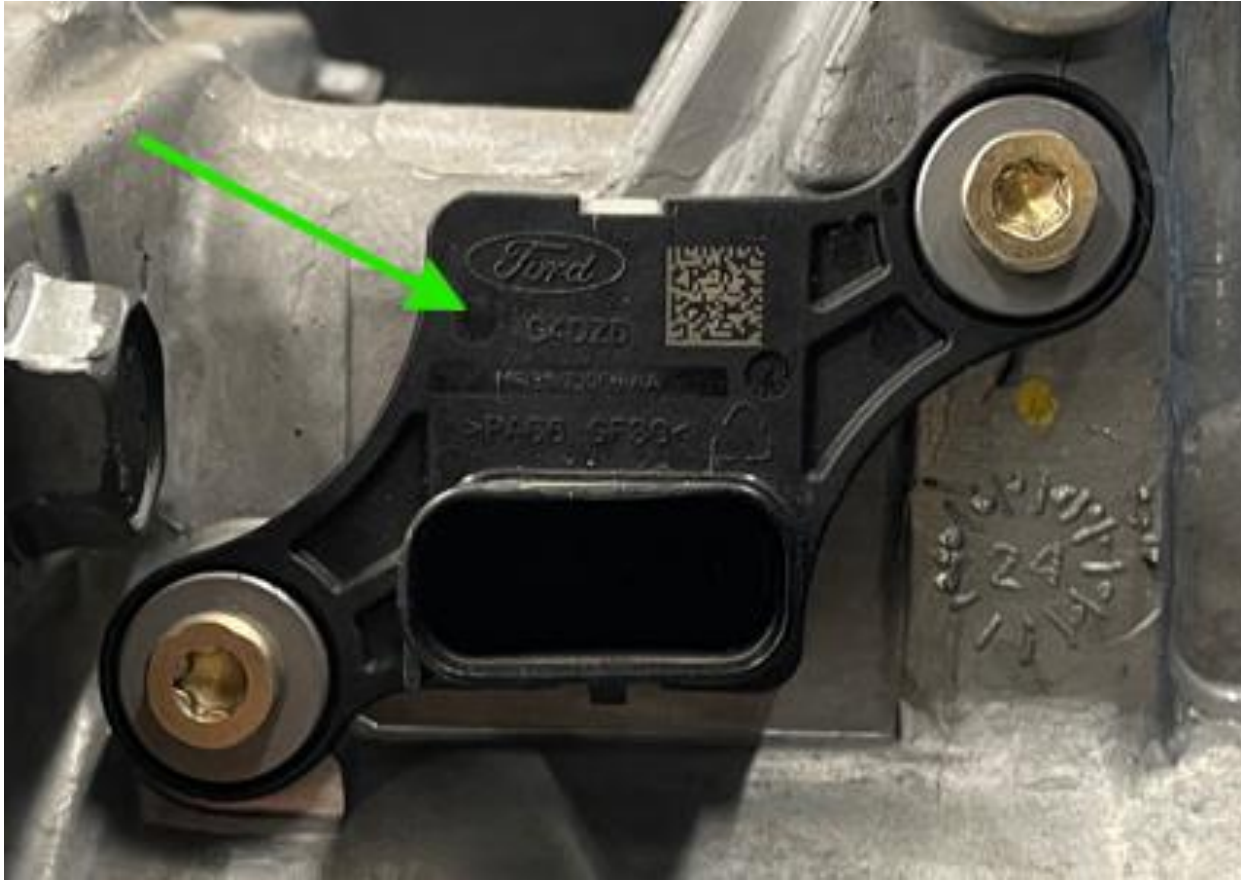
**Purpose:** This document provides information to ensure the correct fitment of the Tremec 3160 gear position sensor, ensuring correct vehicle function.

**Action:** Verify the sensor is installed in the orientation per the images and descriptions on the pages to follow.

### **Gear Position Sensor Installation**

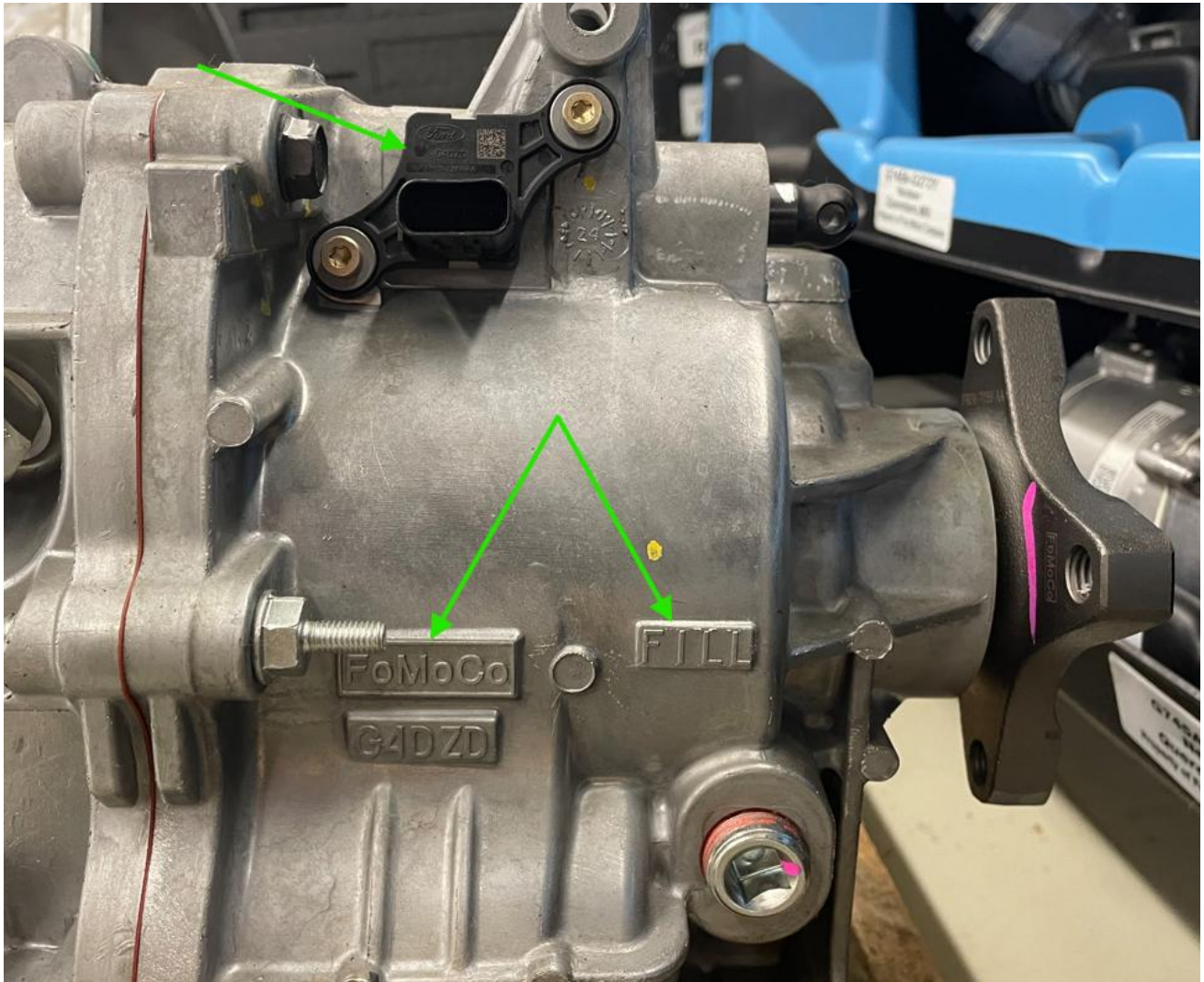
**Figures 1 through 4 explain the correct orientation of the sensor.**

The gear position sensor has a Ford oval, QR code and other text printed on the part as seen in Figure 1 below.



*Figure 1 – Gear Position Sensor*

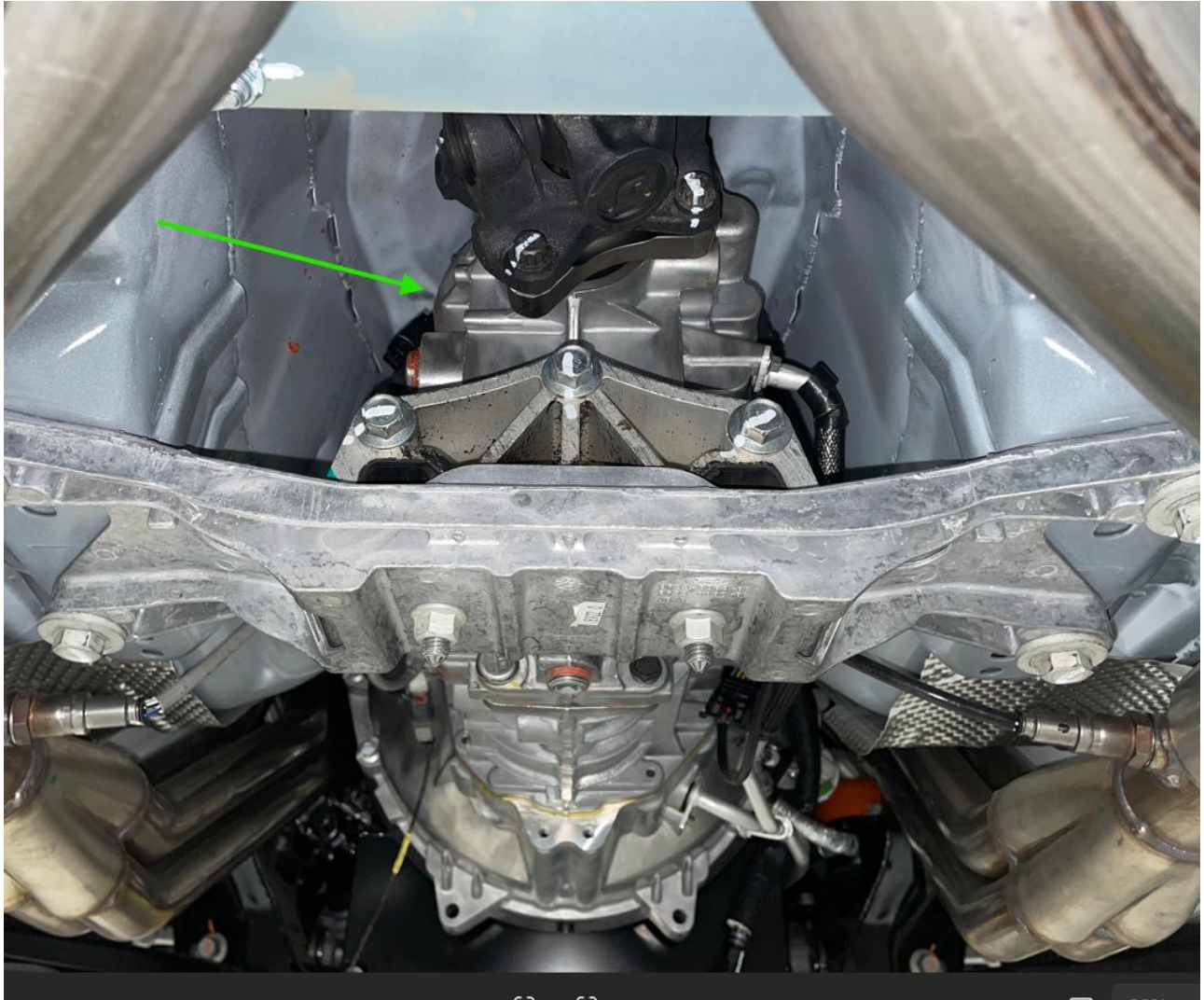
The orientation of the text on the gear position sensor is to be consistent with the orientation of the text on the transmission case as seen in Figure 2.



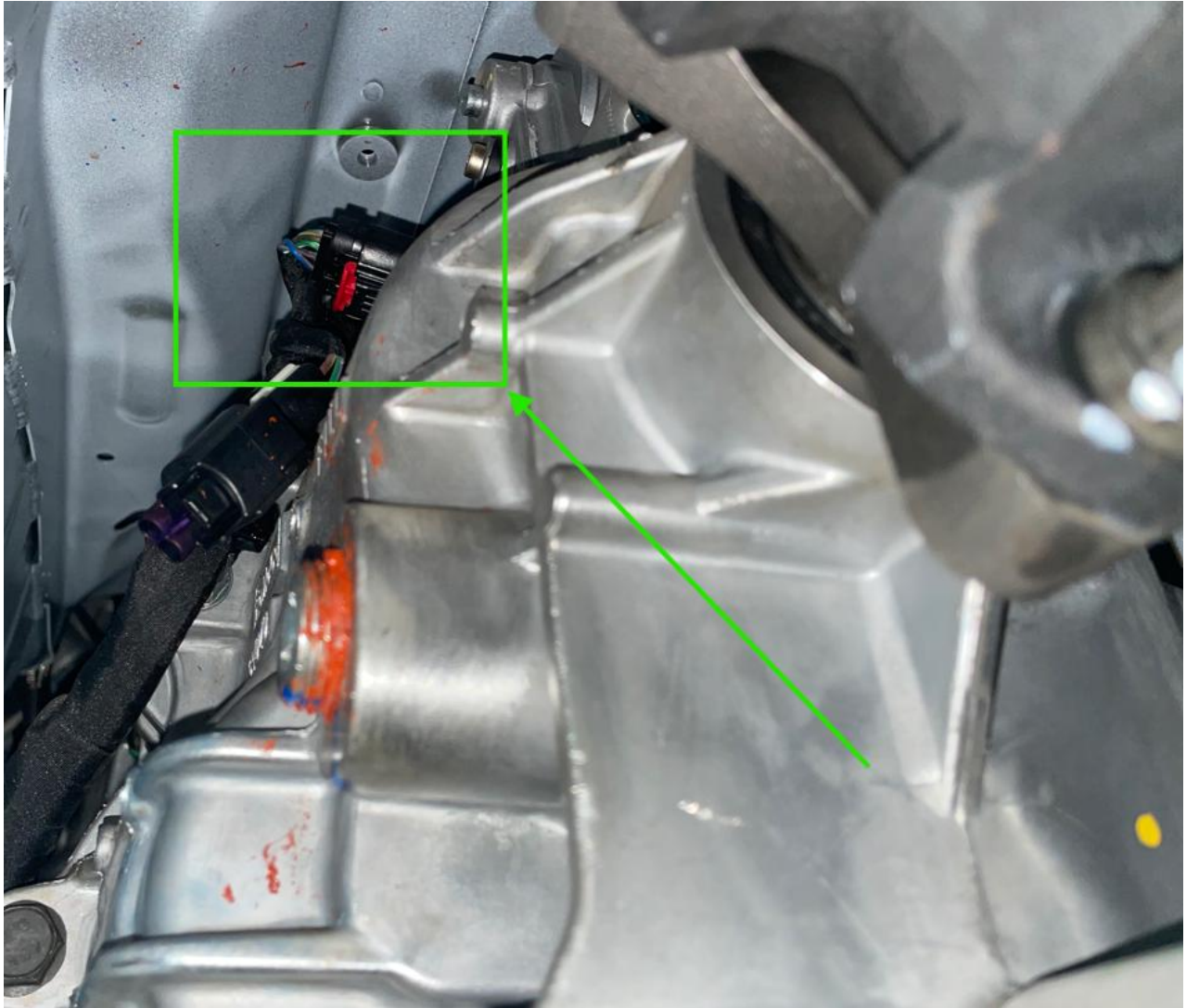
*Figure 2 – Transmission Case Text*

Figures 3 and 4 show the correct orientation when viewing the transmission installed in vehicle.

Ensure the red locking tab on the gear position sensor electrical connector is pointed down (toward the ground). The location of the gear position sensor is toward the rear (tail section) of the transmission case on drivers left of the vehicle. See Figures 3 and 4 below.



*Figure 3 – Sensor Location noted by green arrow*



*Figure 4 – Connector Red Retaining Clip Visible from below*