



STAR ONLINE PUBLICATION



Case Number: S2114000003

Release Date: June 2021

Symptom/Vehicle Issue: Start/Stall And Malfunction Indicator Lamp (MIL) Illumination After Replacement Fuel Line Chassis Bundle Installation.

Discussion: You may run into a condition after installing a replacement chassis fuel line bundle, where the vehicle will now start and then stall out after 10-15 seconds. In addition, the MIL may also be illuminated with one or more of the following Diagnostic Trouble Codes (DTCs) setting:

- P01C6 – Fuel Pressure Sensor “A” Circuit High
- P01C4 – Fuel Pressure Sensor “A” Circuit/Range Performance
- P016F – Closed Loop Fuel Pressure Control At Limit – Flow Too Low

This condition may have only started immediately after installing a new replacement chassis fuel line bundle/fuel supply pressure sensor assembly (pn# 68494192AA). These replacement fuel line bundles may come with a newer design fuel pressure sensor than what your vehicle was originally built with.

The electrical connector for the newer design fuel pressure sensors are different from the older design. See ([Figure 1](#)). This will require a new electrical connector to be installed (pn# 68137864AA) in order to utilize the new fuel line bundle.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



STAR ONLINE PUBLICATION

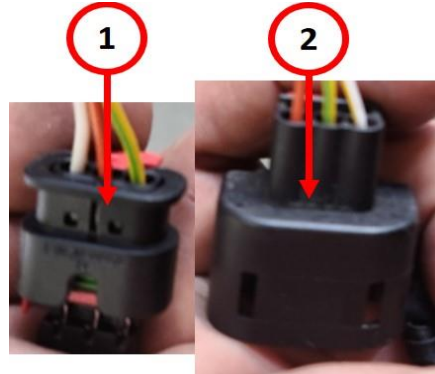


Figure 1

1. New Design
2. Old Design

NOTE: The circuit pin locations have also moved to different locations on the new design sensor.

NOTE: The current published wiring diagrams reflect the updated design sensor.

NOTE: Replacement engine harnesses, including the harnesses on replacement complete engine assemblies are also equipped with the new design sensor electrical connector. When replacing these components, please also replace the fuel line bundle. Do not swap the electrical connectors.

When installing the new connector, it is important to place the circuits in the correct pin location for the new design sensor. Looking at the back of the connector (wire insertion side) with the locking tab up, and starting from the left. Circuit N7 (OG) has moved from pin 1 to pin 2. Circuit N10 (YE/GN) has moved from pin 2 to pin 3. Circuit N8 (WH/YL) has moved from pin 3 to pin 1. See (Figure 2).

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

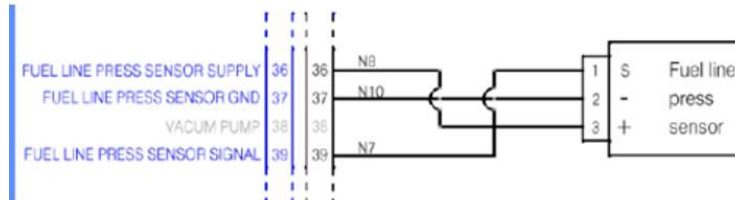
Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



STAR ONLINE PUBLICATION



Original Design



New Design

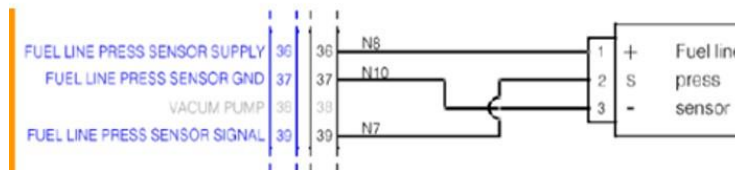


Figure 2

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found