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KUS Float Tube Fuel Level Sensor Information

Applicable Vehicles

Cascadia, M2, Coronado, Western Star

Symptoms

Fuel gauge reading inaccurate.

Fuel gauge reading empty all the time.

Can not remove the fuel gauge sensor.

Issue

Starting in late 2016 DTNA started using a float tube style fuel level sensor. The new sensor has some requirements for proper removal and installation.

Solution

The attached file contains tips for installation and removal in addition to information on testing the sensor.

There's also some additional support:

- Service Bulletin 54-296 (FTL) or 54-64 (WST) for information on retrofitting the old float arm senders to the new float tube sensor.
- Service Solution [Video Link : 1176](#) for a video showing the installation of the new sensor.
- Service Solution [Video Link : 1469](#) for a video showing removal of the sensor.

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