

**SB-10045242-8403**A **PACCAR** COMPANY

## Technical Information Bulletin

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**03-047**

### Section

Gauges - 03

### Subject

Cleaning Ohm Dial (Open Card) Fuel Level Senders

### Release Date

7/2/2012

### Condition

Analysis of warranty parts returns illustrates that many fuel senders that have been replaced could have been returned to functionality by being cleaned instead.

### Chassis Affected

All Kenworth models with ohm dial or open card style fuel senders as depicted in the title graphic and in the procedure, attached.

### Action

In repairs where diagnostics indicate failed fuel level sensor function and the sensor is the ohm dial open card style depicted, the dial face should be cleaned and the failure verified before the component is replaced.

### Warranty

Whether a fuel level gauge failure is due to a defective sender or a sender that required cleaning only, Kenworth will pay SRT 003-035 for 0.2 hours to perform cleaning/failure verification as described in the attached procedure. Other standard warranty considerations apply.

*Note: Fuel sender claims require parts returns and if failure analysis indicates that the sender could be repaired by cleaning, the parts portion of the claim will be denied.*

Failure Location: 003-001-038

Work Accomplished: 15

Failure Type: 110

Responsibility Code: 05

Supplier Code: 10282CA

SRT Code: 003-035

Claim Type: N

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## **Parts**

Only shop supplies/cleaning materials are required for the procedure attached.

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## **Background**

Changes in fuel chemistry, including Ultra Low Sulfur, Biodiesel and additives can leave residue on the fuel sensor resistance card, interrupting the card surface resistance and the signal transmitted to the fuel level gauge. The procedure with this bulletin is necessary to distinguish product failures from product contamination and performing this procedure should be normal practice and it is a warranty requirement for diagnosed fuel sensor failures.

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## **Procedure**

 [TIB 03-047 Procedure.pdf](#)

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