

Technical Service Bulletin Number	Revision Level	Date	Group Number
TSB130155			



SB-10055348-7265



## Technical Service Bulletin

### Subject

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Heated Diesel Exhaust Fluid (DEF) Line and/or Aftertreatment Component Communication Fault Codes on Peterbilt 320, 387, 587, and MD Applications Due to Battery Box Harness Issues.

### Issue

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Field repair awareness and action for Peterbilt™ 320, 386, 587, and Medium Duty (MD) chassis battery box relay relays **not** adequately secured.

Peterbilt™ 320, 387, 587 and MD chassis have a wiring harness within the battery box that includes relays and fuses that provide power to the aftertreatment components. As the vehicles accumulate mileage or have battery service completed, these components have been found damaged resulting in customer dissatisfaction and downtime. The downtime is usually a result of heated DEF line, Fault Codes (3258, 3261, and/or 3425) and/or datalink communication Fault Codes (2771, 3232 and/or 3597) related to NOx sensors and DCU Communication. When these Fault Codes are present, look for potential wire damage, relay damage, or rub points.

It is recommended that the Peterbilt™ battery box harness be replaced if damage to any of the components is discovered.

Additionally, Peterbilt™ 387 and 587 truck models have potential to set active or intermittent Fault Codes 3232 and 2771 due to cracked fuses on the NOx sensor power supply circuit. Make sure proper visual inspection is performed of the fuse. See attachment for details.

If no damage is found, proceed with normal troubleshooting.

These are original equipment manufacturer (OEM) owned repairs. Warranty is to be filed through the appropriate Peterbilt™ channels.

## Verification

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See attached OEM documentation for the field fix.

## Resolution

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Peterbilt™ has released an improved battery box harness that provides a fixed mounting location for the battery box harness to the front wall of the battery box. This eliminates the need to utilize tie straps to secure the harness to the battery cables and also moves the components to a more desirable location that enables service work on the batteries. Please reference Peterbilt™ Field Service Bulletin (FSB) #2-14 for Part Numbers and installation instructions.

## Warranty Statement

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The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions. Information Only - OEM Related Matter Not Covered By Cummins® - Contact Appropriate OEM Dealer or OEM Representative For Additional Information

## Attachments

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[Click here to see tsb130155\\_attachments.pdf](#)

## Document History

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Date	Details
2013-10-11	Module Created
2013-10-22	outfile
2013-10-22	outfile
2013-10-22	wrong attachment
2014-2-3	none

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**Last Modified: 17-Feb-2014**

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