

TT8136EN  
March, 2018  
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
**SUBJECT:** Preventing Cat-eyes when Reprogramming TCM in PACCAR Kenworth and Peterbilt Trucks using Allison DOC® and Allison TCM Reflash™

**MODELS AFFECTED:** 1000, 2000, 3000, 4000 Series 5th Generation Product Family Transmissions

**Issue:**

Cat-eyes may occur after reprogramming 2013 and later PACCAR Kenworth and Peterbilt trucks using Allison DOC® and Allison TCM Reflash™ service tools. The problem is caused by a conflict with the vehicle engine controller.



**NOTE:**  **Double Cat-Eyes:** This display indicates a failure of the SAE J1939 communication link and may be accompanied by a DTC. The cat-eyes are illuminated in both the SELECT and MONITOR locations after approximately 12 seconds of blank display.

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**Solution:**

With the key cycled to “OFF” in the ignition, disable power to the engine controller by temporarily removing fuses from the fuse box. Cycle key to “ON” while reprogramming the TCM. When reprogramming is complete, cycle key to “OFF” and reinstall removed fuses. Refer to [Figure 1](#) for fuse identification and location. May not be representative of all vehicles.

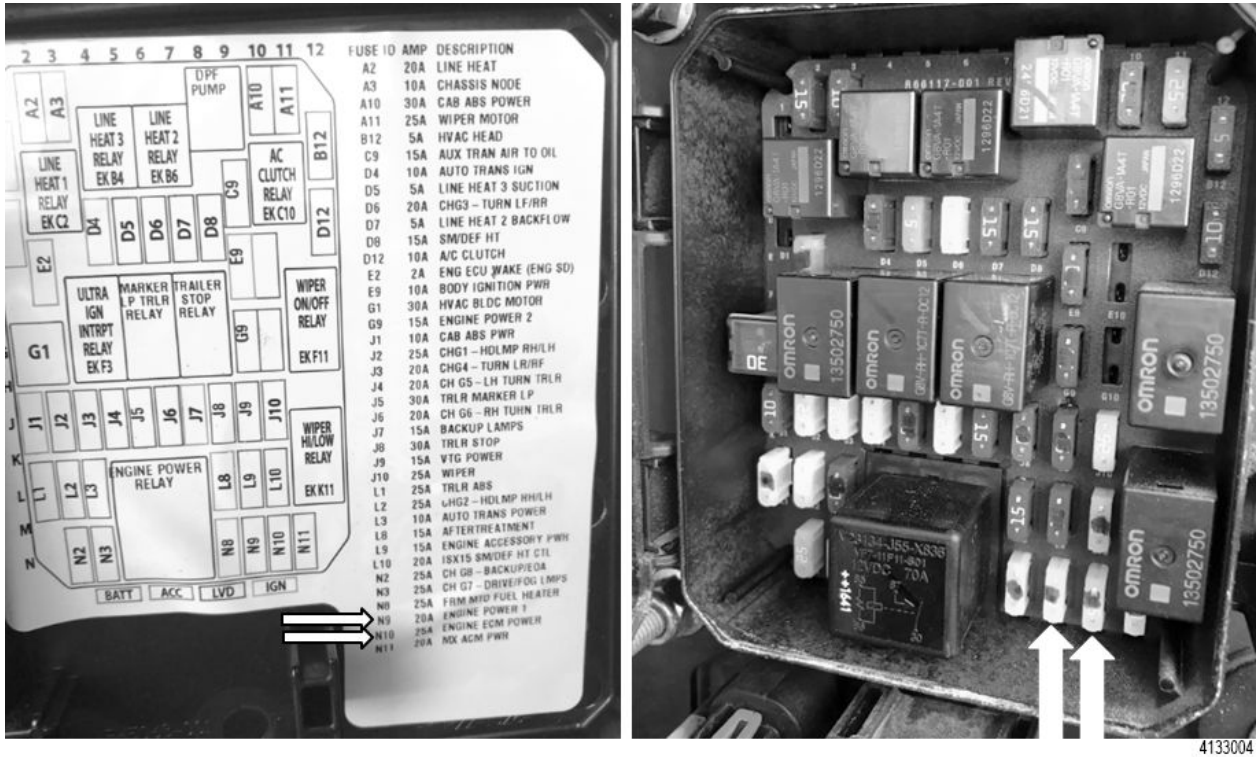


Figure 1. Location of Fuses



**NOTE:** The issue outlined in this document is not an Allison Transmission, Inc. defect in material or workmanship. Time and material used to diagnose and/or address this issue by an Allison Distributor or Dealer will not be compensated by Allison Transmission, Inc. through warranty or policy claim process.