

Problem Details:

Fault code 232/524000/19 ECU CPC data error, can become active at low speed typically when making a shift directional change and the vehicle is not at a complete stop or rolling in neutral. The fault code can be generated momentarily, due to a lack of confidence in the drive direction. The fault code (when active) is accompanied by an ABA Unavailable message in the display.

FSPRs, FRACAS, DPR, Zeus:

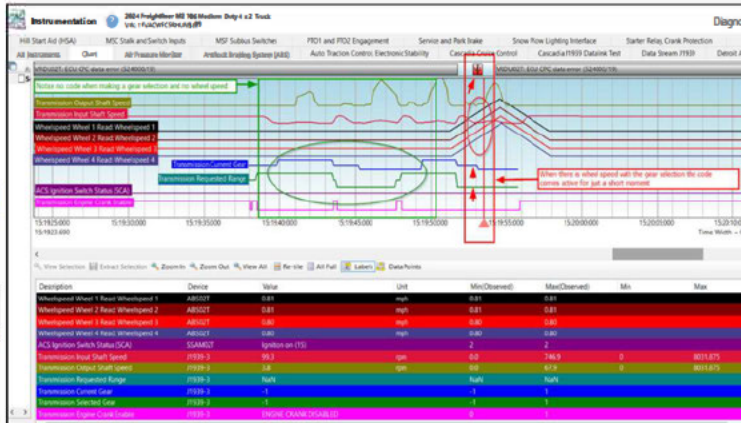
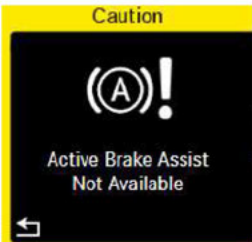
- CAC Ticket 13625641, 13505713 , FSPR 38730, **FRACAS 13976**

Affected Models / Truck options:

- M2+, 108+ 114+, 47x and 49X
- All Vehicles with a Cummins engine and Detroit Assurance

Responsible Supplier:

- DTNA



Production Containment:

- Production fix associated with software package 81Z-012, that will not be backward compatible. **EWR P62295-86** changed over on **1/13/2025** which resolves this issue. No Yes

Field Containment (short term):

- Service Solutions Published: No Yes
- Freightliner Service Solution SS 3143-FTL -- Published 2/28/2024
- Western Star Service Solution SS 762-WST -- Published 2/28/2024

Root Cause:

- Issue was found in testing, and it was decided to accept for SOP. No Yes
- SW maturity for drive direction confidence and standstill detection

Long Term Corrective Action Plan:

- SW updates to improve drive direction confidence and standstill detection have been implemented in the CGW SW in the 2203 development SW package. Part of PY25 SW package due to delays in the 45P project. No Yes

Long Term Field Plan:

- Same as short term solution No Yes