



## **TECH TIP**

**L-SERIES ANTI-LOCK BRAKE SYSTEM (ABS)  
MALFUNCTION MESSAGE**

**GROUP: 0-GENERAL**

**TECH TIP NO: TT-23-018**

**DATE: 4-3-2023**

**REFERENCE NO.: HMM-230331-B1**

**SUBJECT:** 2022-2024 Model Year L Series Conventional Trucks equipped with a Cummins B6.7 engine and air brakes.

**Note:** This Technical Tip is provided as technical information and is not authorization for a warrantable repair.

**OVERVIEW:**

ABS malfunction message with an active fault code stored in the ABS module.

- Wabco fault SPN 807 FMI 13 – 3/2 Solenoid Valve Front Axle Out of Calibration in the ABS module.

**DESCRIPTION OF CONDITION:**

If Wabco fault SPN 807 FMI 13 is stored in the ABS module, confirm if the vehicle is equipped with traction and stability control. If the vehicle is **NOT** equipped with the traction and stability control option, inspect the front brake relay valve under the cab to see if the chassis harness connector is plugged into the front brake relay valve. If the chassis harness connector is plugged into the front brake relay valve, this connector should **NOT** be connected. Disconnecting the connection at the front brake relay valve and clearing the code from the ABS module will resolve the active Wabco fault code. Contact Tech Assist if connector plugs are needed.

**Notice:** The front brake relay valve should only be connected if the vehicle is equipped with traction and stability control. It is presumed that this electrical connection was inadvertently made after vehicle assembly by a body builder, outside repair facility, or customer



**Electrical Connection  
Should NOT Be  
Connected on ABS Only  
(No TCS/No ESC) Vehicle**

**Front Brake Relay  
Valve**

