



Mack Chassis - Equipped With An I-Shift Transmission - Vehicle Jerks When Accelerating From A Stop In Drive Or Reverse; Transmission Bucking, Slipping When Taking Off From A Stop



> Internal Content

For vehicles exhibiting the symptoms above:

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INFORMATION ACT (FOIA), 5 U.S.C.
552(B)(6)

1. Check brake switch calibration.

1.1. Connect a pressure gauge (verified to be reading properly) to a service brake chamber using a tee fitting

1.2. In Premium Tech Tool (PTT), navigate to the Test tab and run operation [3845-08-03-01 Brake Contacts](#).

1.3. Slowly depress the service brake pedal until the icon for the Brake pedal switch illuminates on the test screen.

1.4. Record the pressure shown on the gauge at the time the icon turns on.

1.5. Repeat steps 1.3 and 1.4 for the Brake pressure switch.

1.6. Compare the two readings with the switch specifications.

- **Specification:** Between 2-6 psi ascending pressure.

2. Proceed per findings

- **If one or both switches are out of specification:** Replace the sensor or sensors that are out of range. Retest operation.

- **If both switches are within specification:** Proceed to Step 3.

3. If no issues are identified from the Brake Contacts test:

- **If the symptoms are occurring when moving forward:** Review the DTC Readout for any applicable fault codes and proceed with their diagnosis.

- **If there are no associated fault codes:** Refer to solution **CBR-931** for Clutch Control Actuator inspection.

- **If the symptoms are occurring when in reverse:** Refer to Solution **CBR-208** for inspection instructions for the input shaft and spigot bearing.



Tags



Related links and attachments

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