

**Mack Models**

Mack Model CH , RB , DM , CHN , CL , CT , CV , CX , CXM , LE , MR , RD

**** SOLUTION ****

Title V-MAC - Jacobs Engine Brake Works Intermittently Between 2000 To 2100 RPM

Cause Incorrect TPS installation, not providing 0% throttle position at idle rpm.

Solution The Jacobs engine brake only works at 2000 to 2100 RPM for only for a second or two on trucks with a Felsted Throttle Position Sensor (TPS). This problem seems to appear after the SC261 Vehicle Recall Campaign (Felsted throttle spring change) has been completed. Specifically, directions for Step 16 on page 9 of SC261 need special attention.

Please check for 0% Throttle Position at idle. Using V-MAC Support Software Monitor Parameters (throttle, engine rpm, ...). If TPS is ABOVE 0% at idle rpm, then check TP sensor adjustment on Felsted throttle pedal. After ensuring that 0% throttle is displayed at idle rpm, this Jake brake complaint should be addressed.

Solution visibility [Dealer distribution](#)

Function(s)/component(s) affected

Function affected braking/auxiliary pneumatic circuits , VMAC , engine brake

Function Group

Function Group 253 exhaust brake, exhaust pressure governor

Customer effect

Main customer effect acceleration/speed , engine speed , stop/start

Conditions

Vehicle operating mode when driving

Administration

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