

Technical Service Bulletin (TSB)
Brake Warning Lamp Illumination Over Rumble Strips

REFERENCE:	TSB: 05-004-24 GROUP: 05 - Brakes	Date:	December 3, 2024	REVISION:	–
VEHICLES AFFECTED:	2019 - 2024 (D2) RAM 3500 Pickup This bulletin applies to vehicles built on or before October 14, 2024 (MDH 1014XX) equipped with a 6.7L I6 Cummins HO Turbo Diesel Eng (Sales Code ETM) and a 226MM Rear Axle (Sales Code DRC) .	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH			
CUSTOMER SYMPTOM:	<p>Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that one or more of the following Diagnostic Trouble Codes (DTCs) have been set:</p> <ul style="list-style-type: none"> • C003A-2F - Right Rear Wheel Speed Sensor - Signal Erratic. • C0037-2F - Left Rear Wheel Speed Sensor - Signal Erratic. <p>Customers may also comment on the following:</p> <ul style="list-style-type: none"> • Automatic Brake System (ABS) lamp and Electronic Stability Control (ESC) lamp turn on when driving over rumble strips. 				
CAUSE:	Rear wheel speed sensor				

REPAIR SUMMARY:

This bulletin involves replacing one or both rear wheel speed sensors.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-14-18-9G	Sensor, Wheel Speed - Replace One Rear Left or Right Side (1 - Semi-Skilled)	5 - Brakes	0.4 Hrs.
08-14-18-9H	Sensor, Wheel Speed - Replace Both Rear Left and Right Side (1 - Semi-Skilled)	5 - Brakes	0.5 Hrs.

RELATED LOP:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-14-18-60	Dual Rear Wheel Equipped (1 - Semi-Skilled)	5 - Brakes	0.2 Hrs.

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68646344AA	Sensor Wheel Speed	Right Rear
1 (AR)	68646345AA	Sensor Wheel Speed	Left Rear

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

1. Is DTC C003A-2F and/or C0037-2F set?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> This bulletin does not apply. Follow published service procedures in Service Library to diagnose and repair the vehicle.
2. Perform the associated diagnostic procedure for the DTCs that have set.
3. Does the DTC diagnostic procedure lead to wheel speed sensor replacement?
 - YES>>> Proceed to [Step 4](#).
 - NO>>> Perform the DTC diagnostic procedures suggested repair.
4. Replace the appropriate wheel speed sensor(s). Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 05 - Brakes / 05 - Brakes, ABS / Electrical / Sensor, Wheel Speed, Rear / Removal and Installation.
5. Clear DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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