



BLUE BIRD

Fault Code 4293 or 4294 Becomes Active With Engine Calibration Updates

UPDATE

Models Affected: BBCV “Vision”, D3 and A3 “All American”, with Cummins ISB-10, ISC-10, “Applicable ONLY to Cummins 2010 Emissions Engines”

ISSUE

Cummins fault code 4293 (SPN 5097, FMI 3) and 4294 (SPN 5097, FMI 4) become active after engine calibration updates.

CORRECTIVE ACTION

Set Engine Brake Lamp feature to “Disable”
Note: Cummins Technical Service Bulletin TSB120158

PROCEDURE

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures.

1. Turn the ignition key ON.
2. Connect Cummins Insite electronic service tool.
3. Go to Features and Parameters – Engine Brake Control – Engine Brake Lamp – verify that the “Engine Brake Lamp” feature is set to “DISABLE”. If not “DISABLE” the feature.
4. Clear inactive 4293 and 4294 codes.
5. Return bus to service.

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S E R V I C E U P D A T E

Technical Service Bulletin Number	Revision Level	Date	Group Number
TSB120158			



Technical Service Bulletin

Subject

Fault Code 4293 or 4294 Becomes Active With Specific Calibration Revisions.

Issue

The latest calibration revisions set the Engine Brake Lamp feature to Enable as the default setting. This can cause Fault Code 4293 or 4294 to inadvertently become active, if the vehicle is not equipped with the Engine Brake Lamp feature.

Verification

If, after calibration, either Fault Code 4293 or 4294 becomes active, contact the OEM to determine if the vehicle is equipped with the Engine Brake Lamp feature.

If the vehicle is not equipped with the Engine Brake Lamp feature this feature needs to be disabled.

If the vehicle is equipped with the Engine Brake Lamp feature and either Fault Code 4293 or 4294 becomes active, troubleshoot the active fault code according to the appropriate electronic fuel system troubleshooting manual.

Resolution

Turn keyswitch ON

Connect INSITE™ electronic service tool

Go to Features and Parameters - Engine Brake Control and set the Engine Brake Lamp feature to Disable.

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Document History

Date	Details
2012-5-3	Module Created

Last Modified: 04-May-2012

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