



SERVICE MEMORANDUM

NO. SM1401

MEMO TO: All Blue Bird Dealers

SUBJECT: Malfunction Indicator Lamp and/or Engine Warning Lamp “ON” With Cummins Engine Fault Codes 3243, 3649, 3583, 3568, 3545, 1887, 1885, 1228

MODEL YEAR(S): 2014, 2015

MODEL(S) AFFECTED: Vision and All American with ISB 2013–Emission Diesel Engines

Cummins has released a software calibration update improvement to reduce occurrence of the following engine fault codes which can illuminate the malfunction indicator lamp and or check engine lamp.

- 3243: Engine Cooling System Monitor- Data Valid Below Normal Operating Range
- 3649: Aftertreatment Intake NOx Sensor Heater - Abnormal rate of change
- 3583: Aftertreatment Outlet NOx Sensor Heater - Abnormal Rate of Change
- 3568: Aftertreatment Diesel Exhaust Fluid (DEF) Dosing Valve - Mechanical System Not Responding or Out of adjustment
- 3545: Aftertreatment Outlet NOx Sensor Circuit - Abnormal Rate of Change
- 1887: Aftertreatment Outlet NOx Sensor Circuit - Voltage Below Normal or Shorted to Low Source
- 1885: Aftertreatment Intake NOx Sensor Circuit - Voltage Below Normal or Shorted to Low Source
- 1228: EGR Valve Position - Data Erratic, Intermittent, or Incorrect

If your bus has an engine with a Cummins manufacture date earlier than listed below, a software calibration revision is available. Please contact your local Cummins repair facility.

Cummins Engine Build Dates:

ISB6.7 CM2350 – February 28, 2014

Cummins Engine Calibrations Must Be Equal To Or Higher Than Revisions Listed:

ISB6.7

ECM Code
DT90009.23
DT90002.24
DT90025.16
DT90004.24
DT90006.24
DT90034.16

BLUE BIRD BODY COMPANY

P.O. Box 937 – 402 Blue Bird Blvd – Fort Valley, Georgia – (478) 825-2021