

TT7994EN
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SUBJECT: P2789 Code in IC Bus School Buses with PSI 8.8L Propane (LPG) Engine

MODELS AFFECTED: 1000/2000 Series Product Family Pupil Transport Series (PTS) Transmissions in IC Bus School Buses

Description of Complaint:

The check transmission light can illuminate due to Diagnostic Trouble Code (DTC) P2789 in IC Bus school buses equipped with a 1000 or 2000 Series PTS transmission and a PSI 8.8L Propane (LPG) engine. The C3 clutch may be reported as “Not OK” in the “Trans Health Indicator” section of the “Prognostics” tab in Allison DOC® For PC.

Cause:

In some cases, the PSI 8.8L Propane (LPG) engine can produce more torque than expected. As a result, the Transmission Control Module (TCM) is unable to accurately adapt the shifts.

Service Channel Procedure:

If a customer complains that the check transmission light is illuminating due to DTC P2789 as described above, the Allison Service Outlet should reset the adaptives using Allison DOC® For PC or Allison DOC® for Fleets service tool. This is considered an interim corrective action until engine calibration and transmission calibration changes are available to address the root cause.



NOTE: This issue is the responsibility of the Original Equipment Manufacturer (OEM) and, as such, will not be repaired under Allison Transmission product warranty.