

TT7502EN
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SUBJECT: Setting Cummins 2013 ISL Engine Codes During Reprogramming with Universal Allison DOC® and Allison TCM Reflash™

MODELS AFFECTED: 1000, 2000, 3000, 4000 Series 5th Gen Product Family Transmissions

Issue:

Engine codes are set on some Cummins 2013 ISL engines after reprogramming with Universal Allison DOC® and Allison TCM Reflash™ service tools.

Solution:

Clear inactive engine codes after reprogramming event.

Service Procedure:

After reprogramming event, clear inactive Cummins 2013 ISL engine codes as follows:

1. Set the parking brake.
2. Start the engine.
3. With Neutral selected, briefly raise engine speed to between 1200 and 1500 rpm then reduce back to idle speed.
4. Switch off the ignition and shut down the engine.
5. Repeat steps 2 through 4 three additional times.

Discussion:

During Allison service tool reprogramming, some engine modules are still trying to communicate. When these modules cannot communicate with other modules, this causes engine codes to be set. These engine codes go inactive once the Allison service tool reprogramming is complete and all modules go back online.



NOTE: The issue outlined in this document is not an Allison Transmission, Inc. defect in material or workmanship. Time and material used to diagnose and/or address this issue by an Allison distributor or dealer will not be compensated by Allison Transmission, Inc. through any warranty or policy claim process.