# Technical Service Bulletin

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| **Technical Service Bulletin**: TSB190112 | **Released Date**: 14-Jan-2020 |
| **Crank No Start Condition: Units Equipped with Endurant™ Transmission** | |

# Crank No Start Condition: Units Equipped with Endurant™ Transmission

## 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.

Information Only - OEM Related Matter Not Covered By Cummins® - Contact Appropriate OEM Dealer or OEM Representative For Additional Information

## Contents

### Product Affected

- X15 CM2350 X114B
- X15 CM2350 X116B
- X12 CM2350 X119B

### Issue

Symptom:

- Units equipped with Eaton™ Endurant™ transmission experience a crank no start event with or without transmission fault codes.
- The following transmission fault codes may be present:
  - 511 (SPN 5614 FMI 16)
  - 513 (SPN 5616 FMI 16)
  - 514 (SPN 5617 FMI 16)
  - 636 (SPN 5903 FMI 15)
  - 637 (SPN 4216 FMI 15)

Root Cause:

- Fueling to the engine has been disabled, resulting in a crank no-start condition without logging fault codes.

### Verification

- Turn keyswitch ON.

- Crank the engine.
- Verify crank no-start condition.
- Stop engine cranking.
- Disconnect the datalink harness to the transmission. See equipment manufacturer service information.
- Verify the engine cranks and starts.
- Turn keyswitch OFF.
- Reconnect the vehicle wiring harness at the transmission.  See equipment manufacturer service information.

**Resolution**

- This condition has been resolved in Eaton™ Endurant™ TCM software version 5516018.

# Document History

| Date | Details |
|---|---|
| 2019-6-27 | Module Created |
| 2020-1-13 | Update to multiple sections. |

**Last Modified:  14-Jan-2020**