



Technical Service Bulletin

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Fault Codes 3492, 319, and Real Time Clock Settings

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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.

Contents

Product Affected

- A12/X12 CM2670 X148B
- A13/X13 CM2670 X149B
- B4.0 CM2620 B154B
- B4.5 CM2620 B158B
- B6.2 CM2670 B156B
- B6.7 CM2670 B167B
- B6.7 CM2670 B168B
- B6.7 CM2670 B169B
- D4.0 CM2620 D103B
- D4.5 CM2620 D104B
- D6.7 CM2670 D102B
- D6.7 CM2670 D106B
- D6.7 CM2670 D107B
- F2.8 CM2620 F135B
- F2.8 CM2620 F136B
- F3.8 CM2620 F137B
- F4.5 CM2620 F139B
- L9 CM2670 L128B
- M12/M13 CM2670 M115B
- M12/M13 CM2670 M116B
- M15 CM2670 M106B
- M15 CM2670 M108B
- X11 CM2670 X126B

- X12 CM2670 X121B
- X12 CM2670 X136B
- X13 CM2670 X122B
- X15 CM2670 X145B
- Z12/Z13 CM2670 M117B
- Z14 CM2670 Z103B
- Z15 CM2670 Z107B

Issue Summary

Symptom:

- Active Fault Code 3492 or 319 active and /or present.

Root Cause:

- The real time clock from the data link device is **not** accurate.

Verification

- Turn keyswitch ON.
- Connect the recommended Cummins® electronic service tool or equivalent.
- Select Advanced ECM Data - Real Time Clock Settings.
- Check if the address for the real time clock signal is from OEM datalink device. If the real time clock is from datalink device, then inaccuracy real time clock for datalink device has been detected.

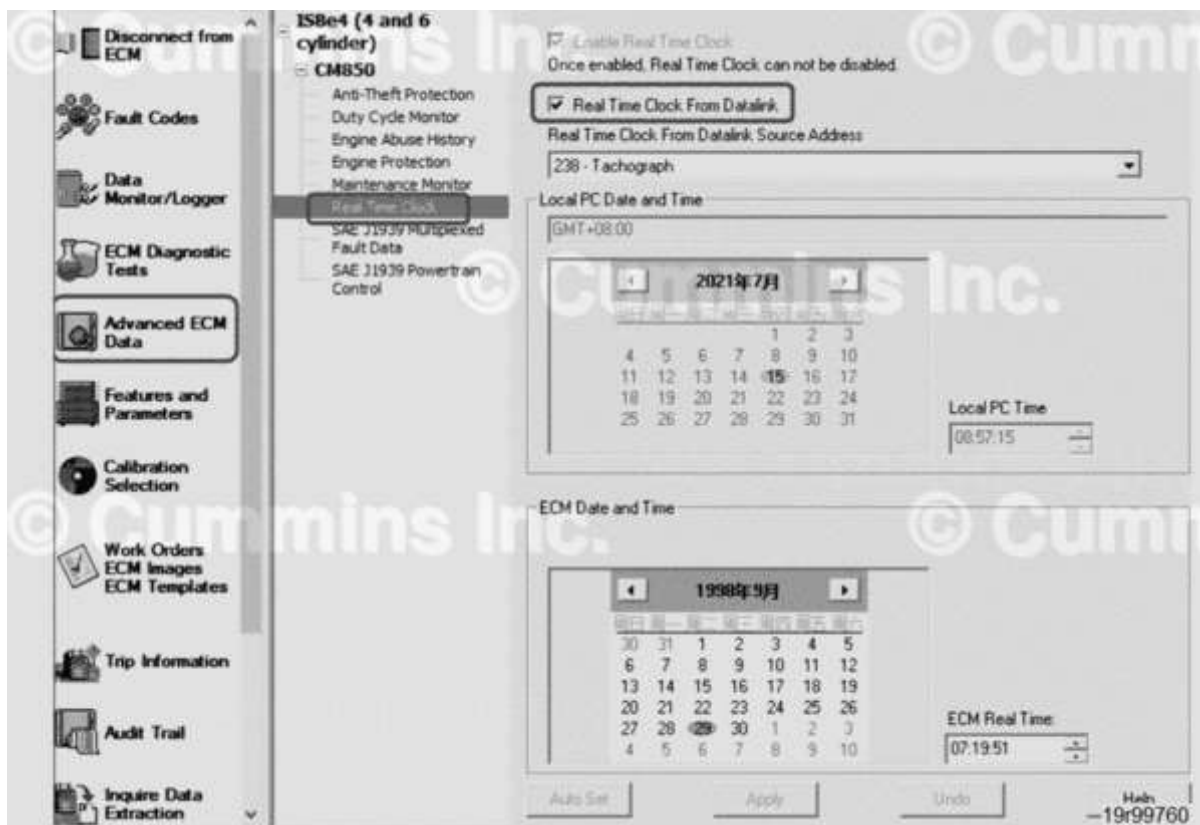


Figure 1, Verification of Real Time Clock Setting.

Resolution

Contact OEM for detailed repair introduction.

Solution 1:

- Repair or replace the datalink device for real time clock. See equipment manufacturer service information.

Solution 2:

- If equipped the real time clock battery, cancel the real time clock from datalink and use the recommended Cummins® electronic service tool to set the ECM date and Time to Local PC Date and Time. See corresponding Service Manual. Reference Procedure 019-311 in Section 19.

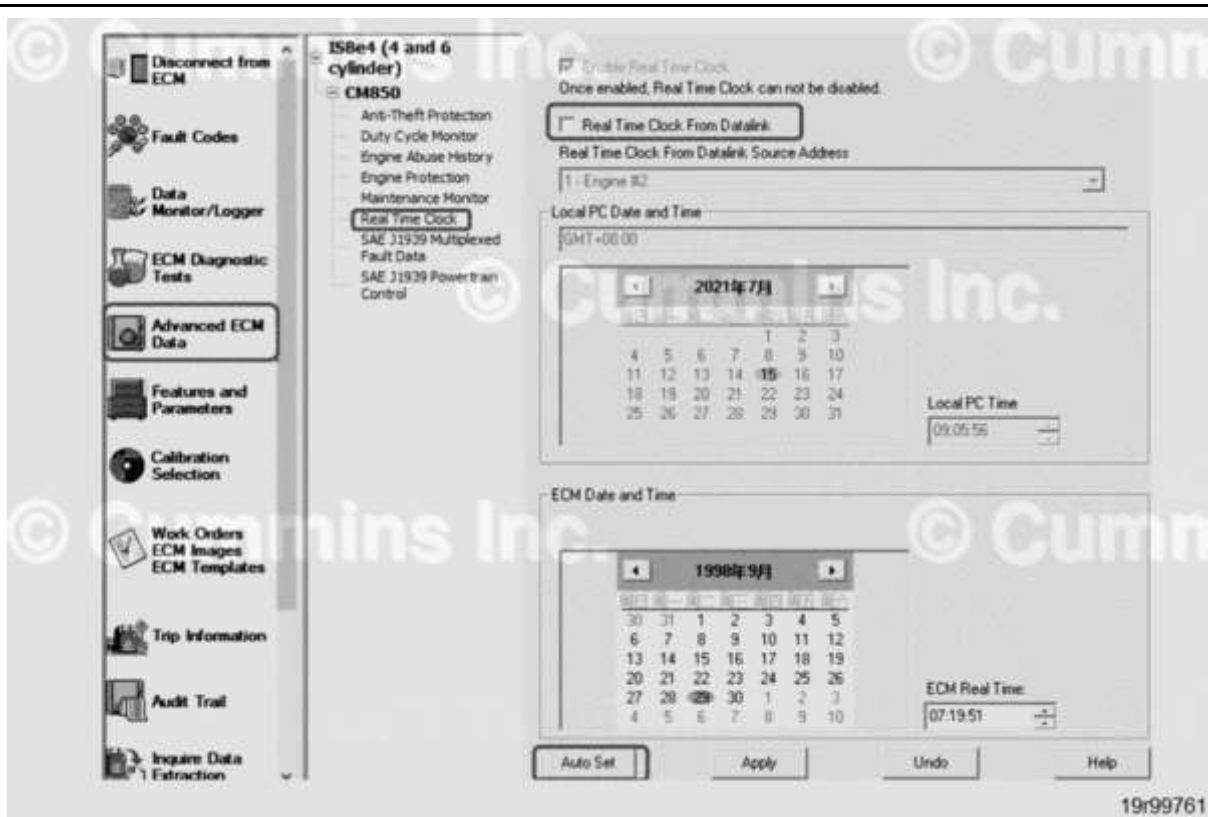


Figure 2, Example of Equipped Real Time Clock Battery.

Solution 3:

- If the engine is **not** equipped with the real time clock battery, and is **not** equipped with the battery disconnect switch (see equipment manufacturer service information to verify); cancel the real time clock from datalink and use the recommended Cummins® electronic service tool to set the ECM date and Time to Local PC Date and Time.



Figure 3, Example Without Real Time Clock Battery or Battery Disconnect Switch.

Document History

Date	Details
2021-7-19	Module Created
2023-8-22	Updated Product Affected list.

Last Modified: 22-Aug-2023