

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
> Century Class Conventional
> Argosy COE
Cargo

> Columbia
> Coronado
Business Class M2
Cascadia

Freightliner
Service Bulletin

Description of Revisions: *This bulletin replaces the version dated February 2007. Information is added to address ICU4M instrument panel message centers that display VORAD faults on vehicles that are not equipped with the VORAD system. The standard repair time is also revised.*

General Information

On some vehicles equipped with the ICU4M instrument panel and the Eaton VORAD system with an integrated ICU display, the driver message center may not display any VORAD information, even though VORAD is functioning. This is because the ICU4M is not recognizing the VORAD system, due to either software coding sequences during production, or an aftermarket installation of the VORAD option. In addition, fault codes are being displayed on some vehicles that do not have the VORAD system installed, leading to invalid warranty claims.

Both problems can be remedied by resetting the parameters on the ICU4M so it identifies whether or not the vehicle is equipped with the VORAD system. Use the instructions in this bulletin to reset the parameters.

Procedure

1. Park the vehicle, shut down the engine, apply the parking brakes, and chock the tires.
2. Turn on the ignition key. After a few seconds, the message center will display "FASTEN SEATBELTS" and the odometer reading.

IMPORTANT: If any active fault codes are displayed, you *must resolve them* before proceeding.

3. Find the right-arrow button on the 10-key keypad, on the "B" dash panel. See Fig. 1. Press the right-arrow button once to display "TRIP INFORMATION".
4. Press the down-arrow (scroll) button repeatedly until "SETUP INFORMATION" is displayed on the driver message center.
5. Press the right-arrow button once. "PUSH SET KEY TO CHANGE SERVICE" will be displayed.
6. Repeatedly press the down-arrow (scroll) button until you reach "PUSH SET KEY TO CHANGE PARAMETERS".
7. Press the "SET/RESET" button on the keypad once. "YES" and "NO" are displayed, with "NO" flashing.
8. Turn on the cruise control, using the "SPD CNTL" switch.
9. Press the left-arrow button once to make "YES" flash.

IMPORTANT: The following step is time critical, as some engine models require pushing the down-arrow button *within one second* of pressing the cruise control "RES/ACC" (resume) button. Note that you should not press the two buttons simultaneously.

10. Hold the cruise control "RES/ACC" switch in the "RES" (resume) position, then immediately press the down-arrow (scroll) button.
11. The display will show "VEHICLE INFORMATION".
12. Wait at least five seconds for the ICU4M to recognize all the vehicle options, then turn off the ignition.
13. Remove the chocks.

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Resetting ICU4M Parameters for VORAD

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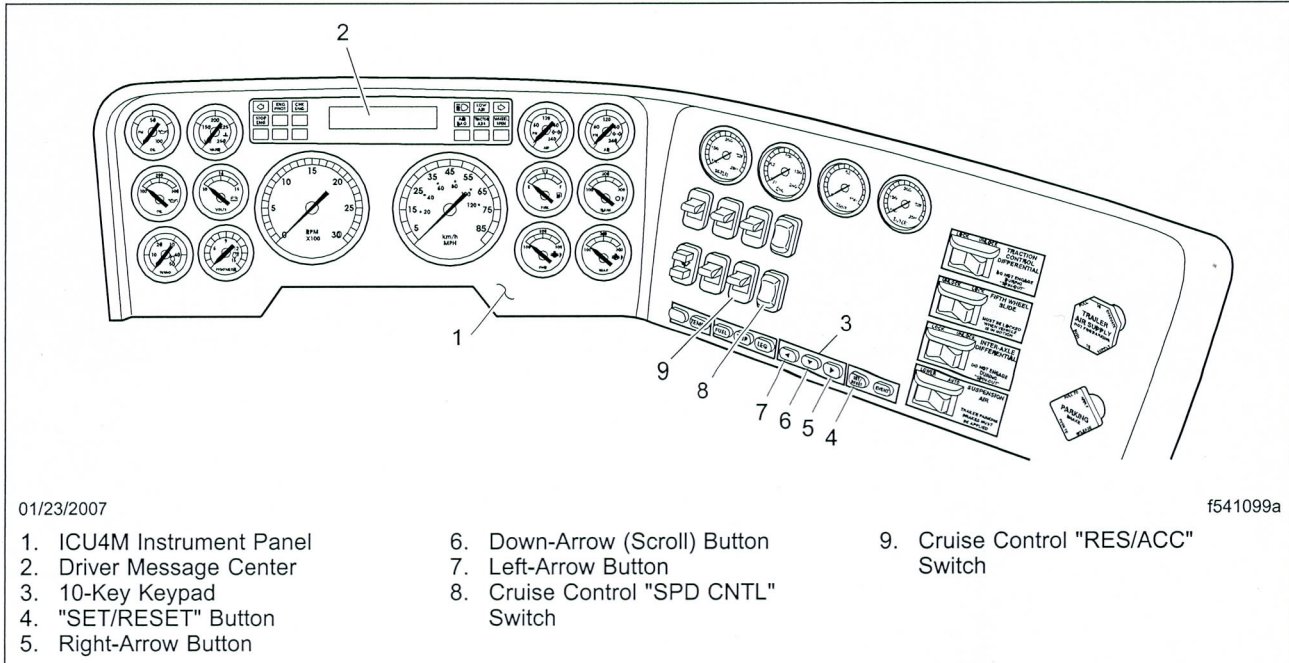


Fig. 1. ICU4M Instrument Panel (typical dash configuration)

Warranty

Normal warranty applies. Use the damage code and time guide information in Table 1, and refer to the number of this bulletin in the story of the claim.

Damage Code and Labor Allowance					
VMRS CK33	VMRS CK18	Damage Code	SRT Code	Description	Time: hours
F99-999-149	93	736-001859490	736-5015A	VORAD, W/ICU4M, Reset Parameters	0.3

Table 1, Damage Code and Labor Allowance