

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

Century Class Conventional
Argosy
Cargo
Columbia
> 122SD and Coronado

> Business Class M2
Cascadia
> 108SD/114SD
New Cascadia

**Freightliner
Service Bulletin**

Description of Revisions: *This bulletin replaces the version dated 11/11/2019. Figure 3 has been updated with a new hardware part number. A procedure was added to the data download process.*

General Information

On some New Business Class M2 and 108SD/114SD vehicles, bulkhead module (BHM) fault code SPN 6918 FMI 7 displays at key ON, despite all switches showing that the correct parameters are loaded and are present in DiagnosticLink®.

This issue is resolved by upgrading BHM software 7.41 to BHM Software 7.43. Use the instructions in this bulletin to update the BHM software version.

Work Instructions

1. Park the vehicle on a level surface, apply the parking brakes, and shut down the engine. Chock the tires.
2. Connect the vehicle to DiagnosticLink.
3. Ensure that the BHM is connected. See [Fig. 1](#).

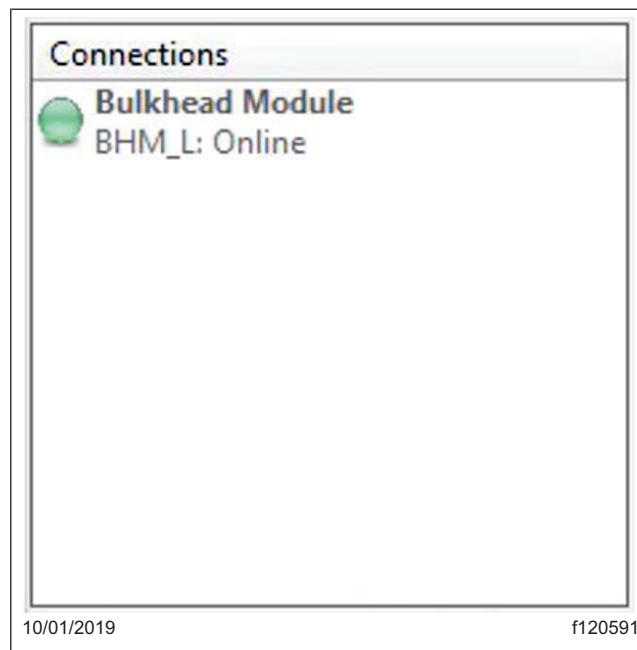


Fig. 1, Verifying that the BHM is Connected

4. Go to the "Identification" tab then click on the "Standard" tab. See [Fig. 2](#).

Freightliner Service Bulletin

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy
 Cargo
 Columbia
 > 122SD and Coronado

> Business Class M2
 Cascadia
 > 108SD/114SD
 New Cascadia

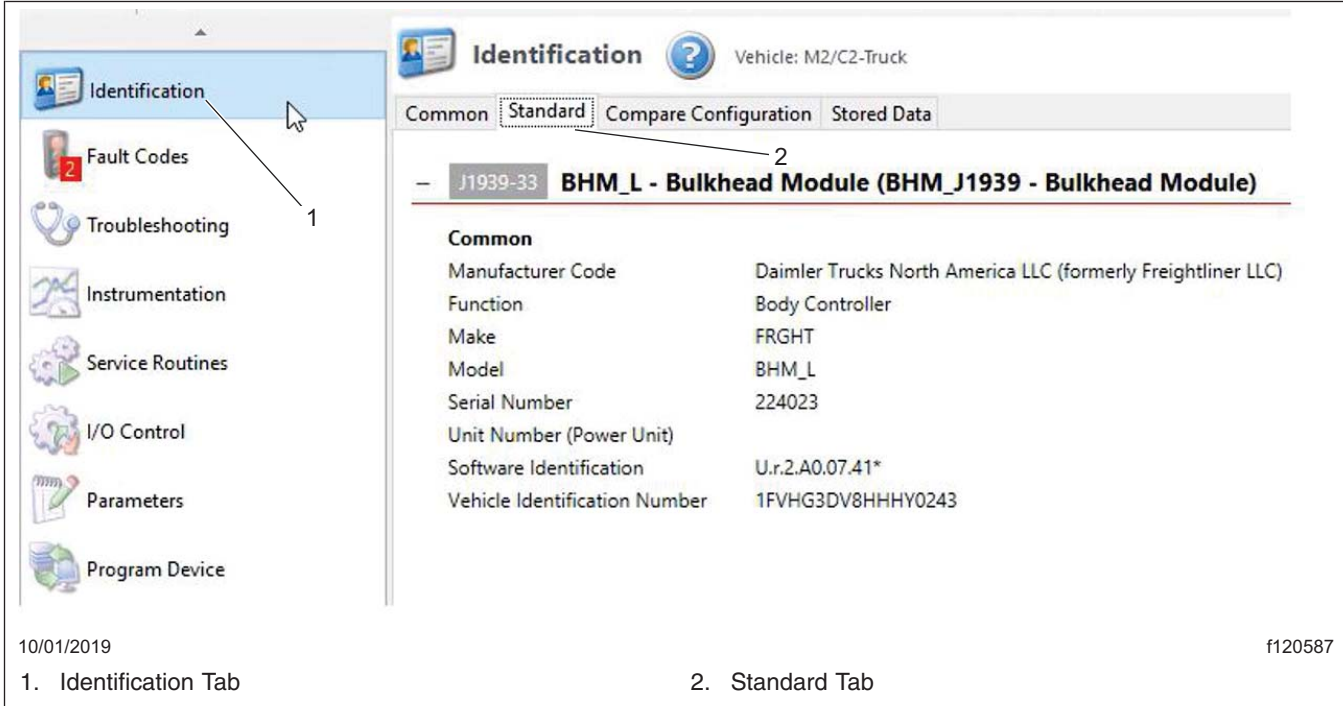


Fig. 2, Verifying the Correct Software

5. Verify that the BHM is currently installed with 7.41 software, then click the "Program Device" tab.
6. Click "Remove All" to clear VINs from the program device list.
7. Click Add. The "Request Equipment Data Download" form will appear. See [Fig. 3](#).

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy
 Cargo
 Columbia
 > 122SD and Coronado

> Business Class M2
 Cascadia
 > 108SD/114SD
 New Cascadia

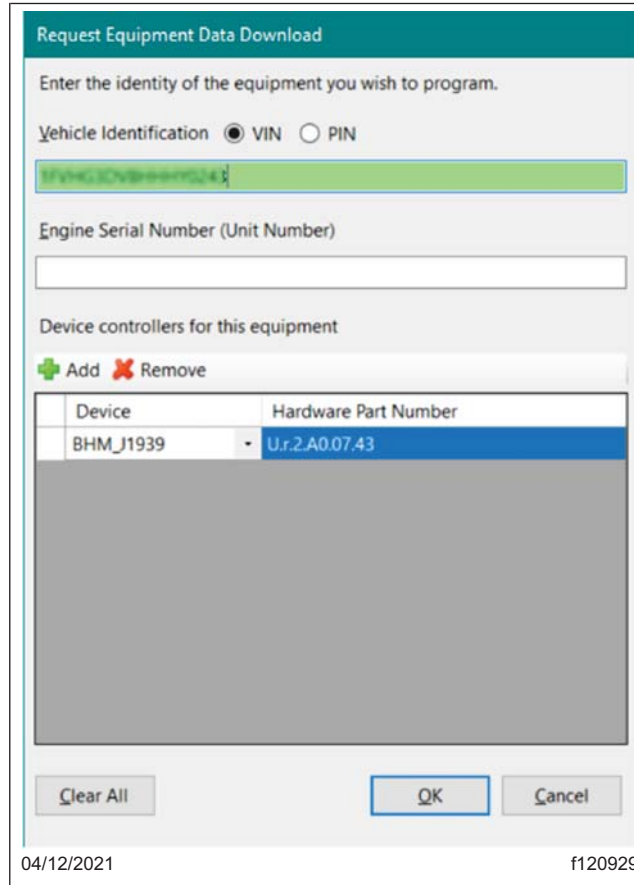


Fig. 3, Equipment Data Download Screen

8. The VIN will auto populate. If not, manually type in the VIN.
9. Ensure that BHM_J1939 is showing in the "Device" column.
10. Change the "Hardware Part Number" column to U.r.2.A0.07.43, then click OK.
11. On the "Program Device" tab, the "Server Connection Required" symbol will appear next to the VIN. See Fig. 4.

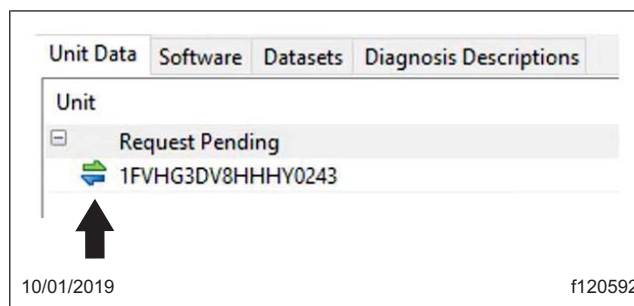


Fig. 4, Server Connection Required Symbol

Freightliner Service Bulletin

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy
 Cargo
 Columbia
 > 122SD and Coronado

> Business Class M2
 Cascadia
 > 108SD/114SD
 New Cascadia

12. Click "Connect to Server." DiagnosticLink will download VIN data from the server.
13. If the chassis status is OK, click "Next." If there is an error, contact the Customer Assistance Center (CAC).
14. Click "BHM," then click "Connect" and select "Newest." See [Fig. 5](#). If "Newest" is not available, it is possible that the current BHM software is not 7.41. Go to the "Identification" tab and check the software version. See [Fig. 6](#).

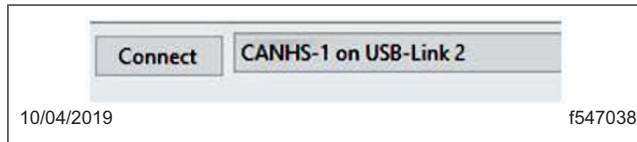


Fig. 5, Connect Button

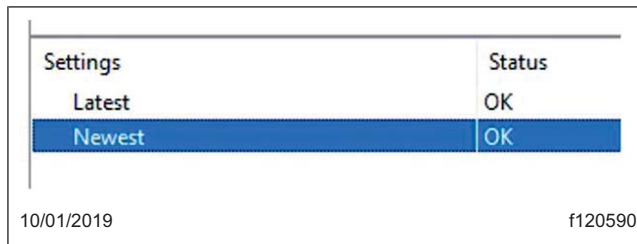


Fig. 6, Selecting the Newest Software Version

15. Click "Start." DiagnosticLink will begin to install 7.43 software on the BHM. See [Fig. 7](#).

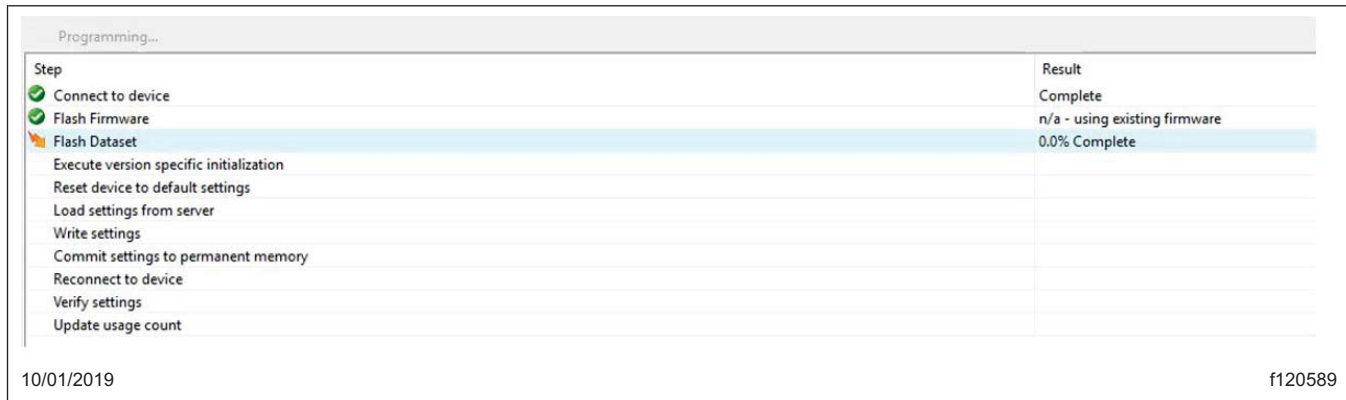


Fig. 7, DiagnosticLink Software Download Page

16. Once software installation is completed, click "Finish."
17. DiagnosticLink will return to the "Program Device" page. The "Server Connection Required" symbol is displayed next to the VIN. [Fig. 8](#).

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy
 Cargo
 Columbia
 > 122SD and Coronado

> Business Class M2
 Cascadia
 > 108SD/114SD
 New Cascadia

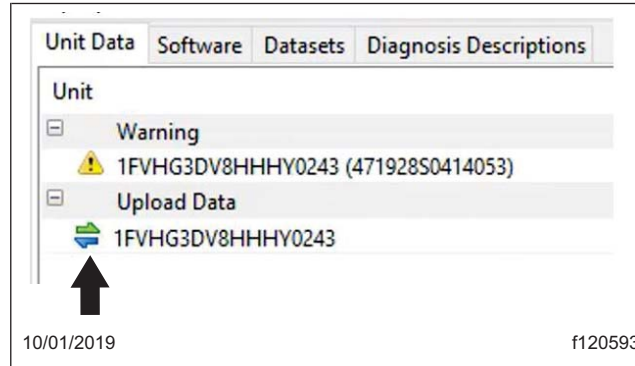


Fig. 8, Server Connection Required Symbol

18. Click "Connect to Server" to upload data to the server.
19. Once the data upload is complete, go to the "Identification" tab and click on the "Standard" tab.
20. Verify that the BHM is updated to 7.43 software.

Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

Normal warranty applies. See [Table 1](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
BHM Software Update	037-001-001	23	32A-5036A	UPDATE BHM SOFTWARE FOR SEM FAULT 6918/7	0.5

Table 1, OWL VMRS Codes and Labor Allowance