

FLA COE
 FLB COE
 FLD Conventional
 Business Class
 FLC 112 Conventional

Century Class Conventional
 Argosy COE
 Cargo
 Columbia
 122SD and Coronado

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

General Information

DiagnosticLink supports programming of both chassis and powertrain ECUs. It may be necessary to perform additional steps prior to the programming of a chassis ECU. When a chassis ECU is programmed using "Program Device" in DiagnosticLink, the ECU will be programmed with the most recent parameter sets and software from the server. This process will overwrite the parameters and software previously installed on the ECU.

When it is necessary to retain the parameter information contained within a chassis ECU on the vehicle, vehicle parameters should be read and uploaded to the server prior to downloading unit data and flashing the ECU. The data can then be re-downloaded from the server before programming the controller.

IMPORTANT: This process should not be performed if there are parameters on the vehicle that are not intended to be recorded in a service record. Only 1 service record per ECU, per vehicle, can be stored on the server. Once a new service record is created, the old record is lost.

DO NOT follow the process described in this document:

- when performing the initial programming of a spare part ECU;
- when attempting to recover an incorrectly parameterized ECU.

Programming ECUs in DiagnosticLink

1. Park the vehicle, shut down the engine, and apply the parking brakes. Chock the tires.
2. Connect the vehicle to DiagnosticLink
3. Select "Program Device". If there are any items in the section "Request Pending" downloads, they should be removed. To remove them, select the "Request Pending" list item, then press the "Remove" button. See [Fig. 1](#).

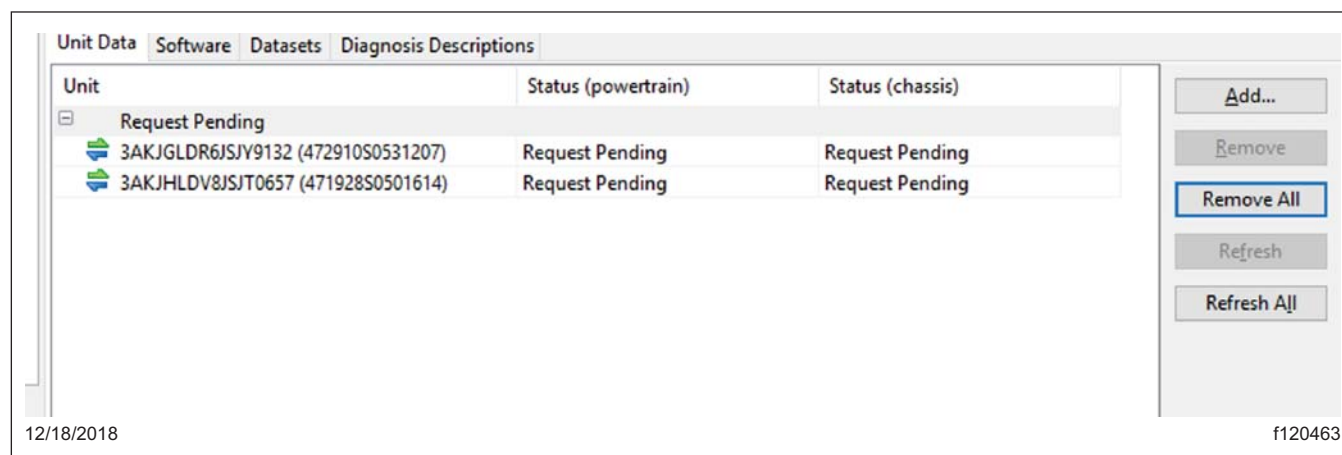


Fig. 1, Removing Pending Requests

4. Once all controllers are connected, read the vehicle parameters. See [Fig. 2](#).

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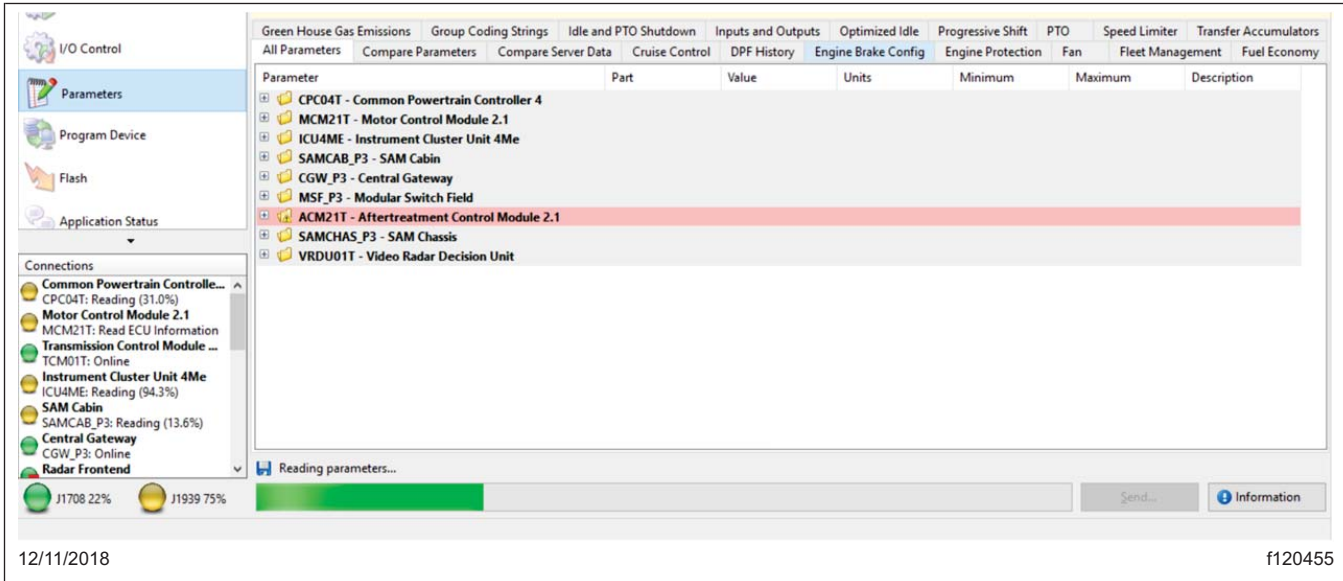
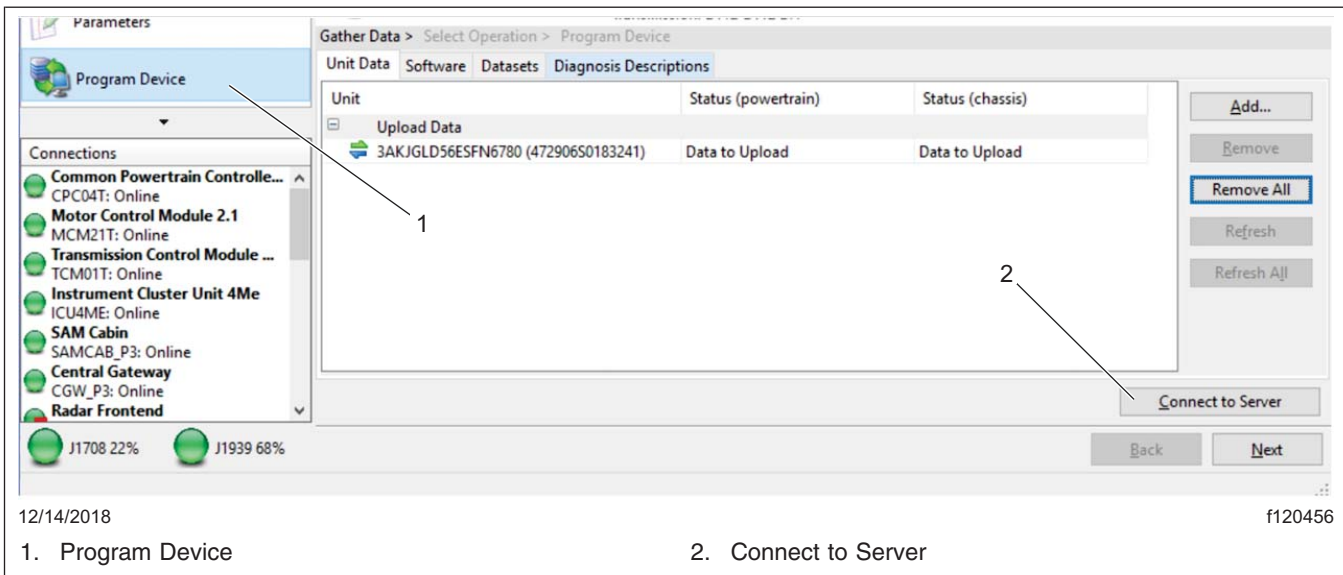


Fig. 2, Reading Vehicle Parameters on DiagnosticLink

5. Select "Program Device." There should be data to upload. Click "Connect to Server" to upload vehicle parameters to the server. See [Fig. 3](#).



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1. Program Device

2. Connect to Server

Fig. 3, Uploading Vehicle Parameters

6. Click "Add" to add a download request for the vehicle. See [Fig. 4](#).

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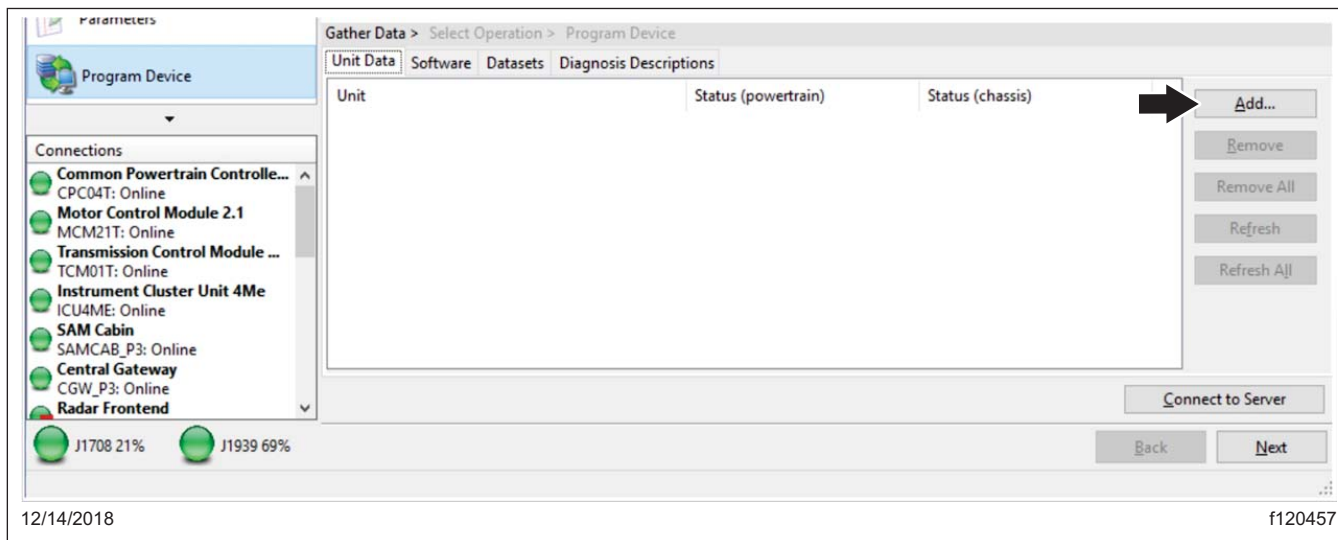


Fig. 4, Adding the VIN to Download Updated Server Data

7. Make sure the correct VIN and hardware is populated, then click OK. See [Fig. 5](#).

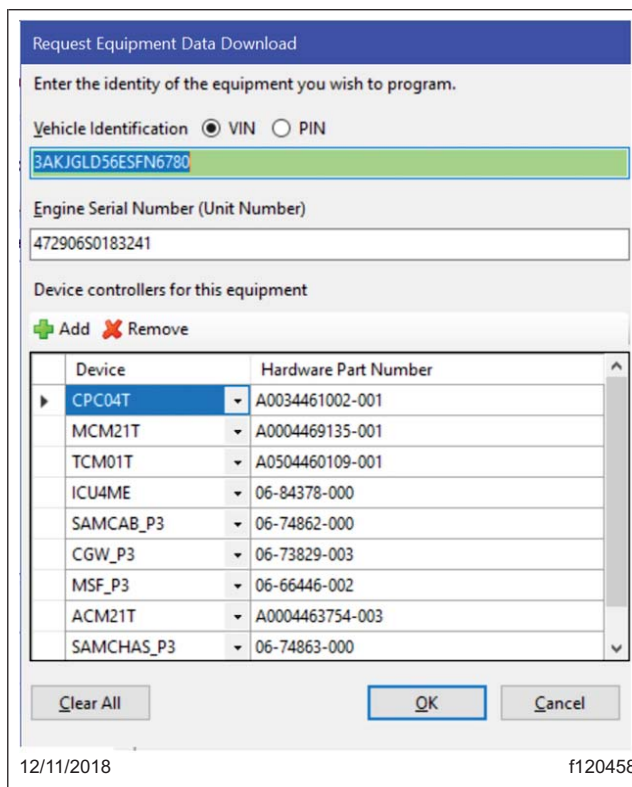


Fig. 5, Verifying Correct VIN Hardware

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- There should be a request pending status for the VIN. Click "connect to server" to download the updated unit data. See Fig. 6. The server will provide any new software available on the server as well as updated parameter sets for the new software, adjusted for the parameter set that was just uploaded from the vehicle.

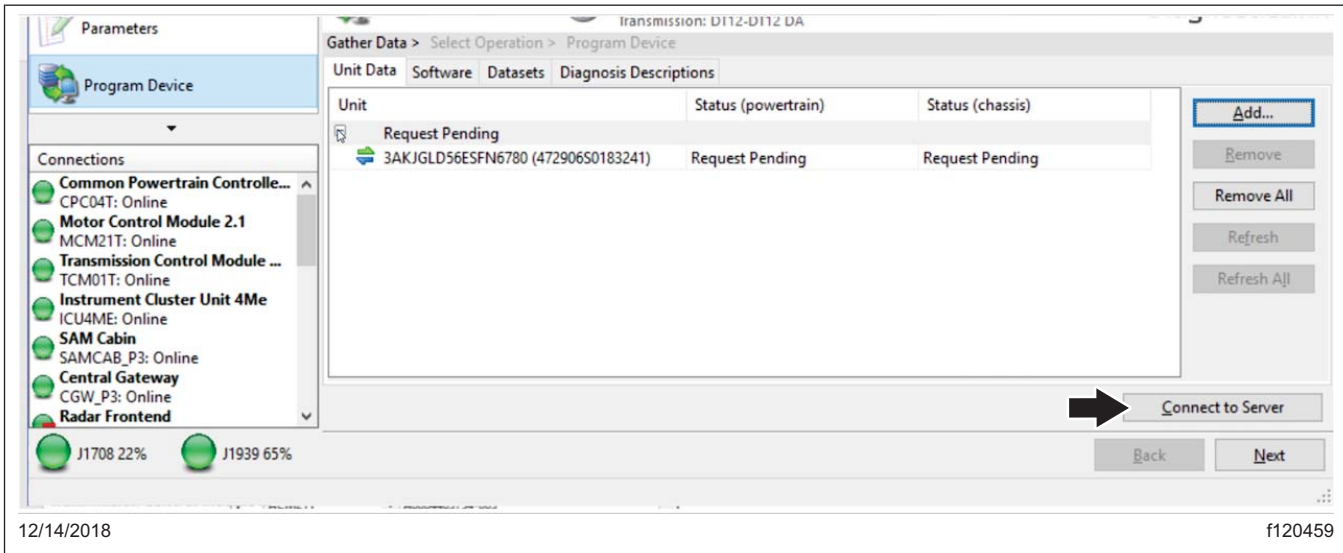


Fig. 6, Downloading Updated Unit Data

- Once the data has been downloaded, click "Next". See Fig. 7.

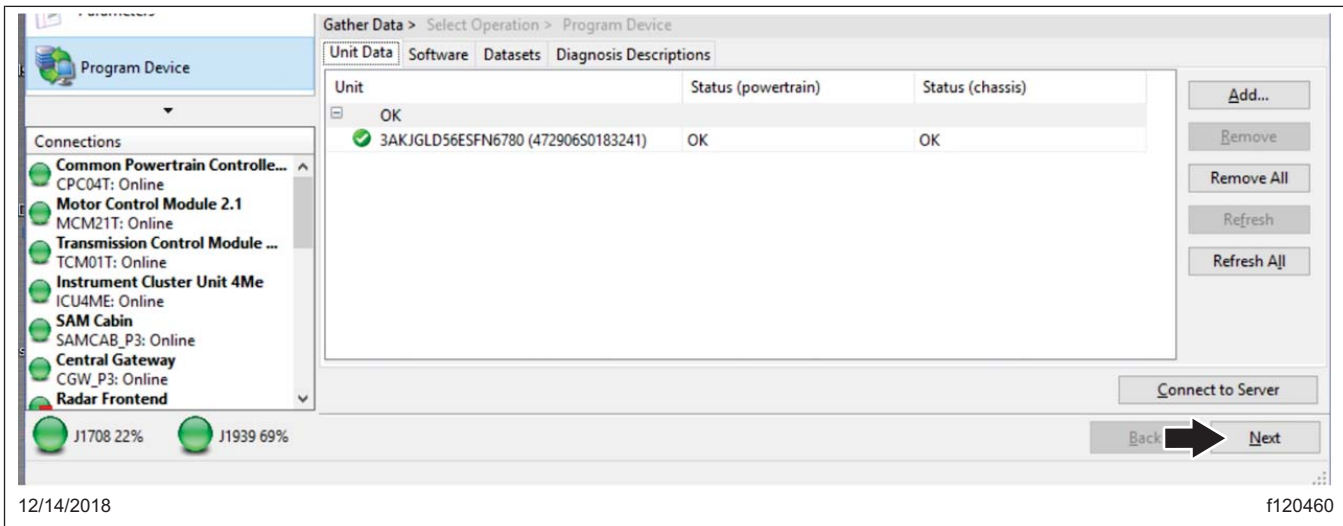


Fig. 7, Clicking Next

NOTE: "Latest" is the last service record (may be older software) and "Newest" is the most up to date software available for the installed hardware. Both will have parameter sets that have been updated relative to the upload from the vehicle.

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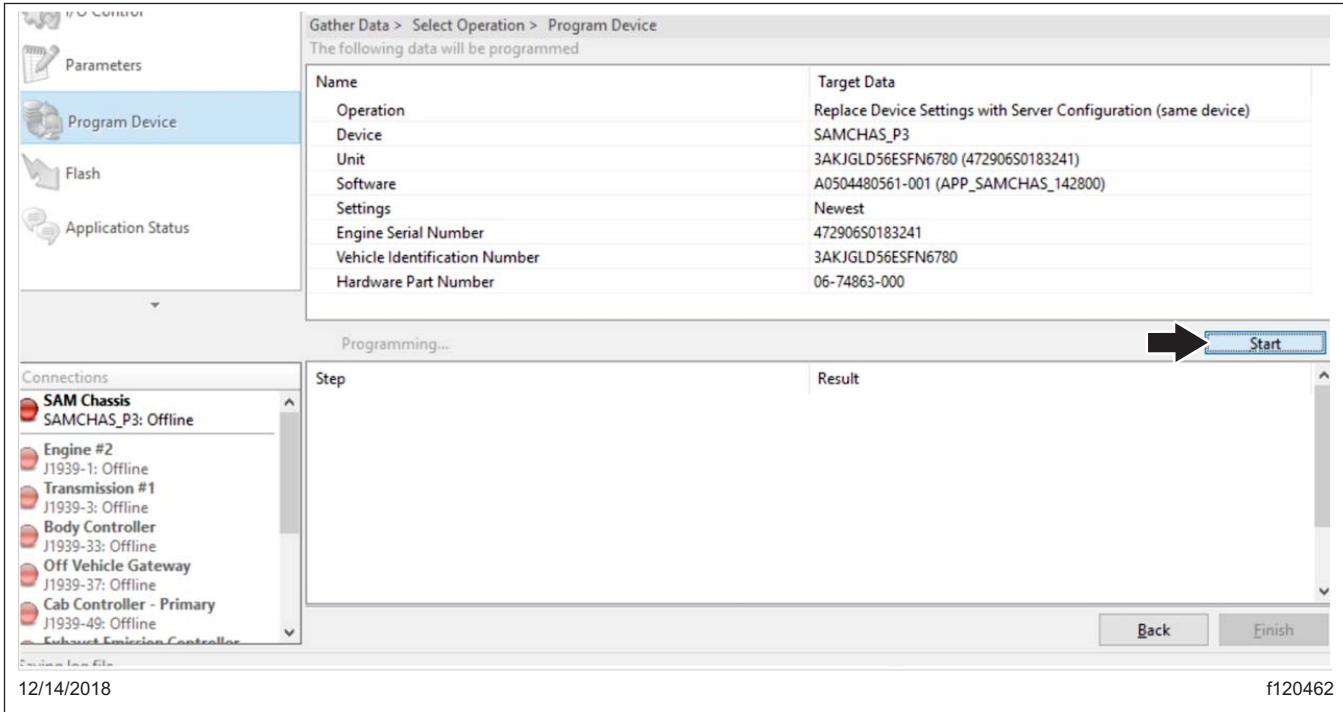


Fig. 9, Programming the Controller

Warranty

This is an informational bulletin only. Warranty does not apply.