

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
Century Class Conventional
Argosy COE
Cargo

Columbia
Condor
> Business Class M2

**Freightliner
Service Bulletin**

General Information

NOTE: This modification is an owner option only for vehicles fitted with MBE 900 series engines with factory-installed exhaust or compression-and-exhaust brakes. This bulletin refers to them collectively as engine brakes.

Business Class M2 vehicles with MBE 900 series engines with factory-installed engine brakes can be modified so that using the engine brake causes the brake lights to illuminate.

IMPORTANT: Vehicles with parameter 10503 programmed at 1 (ON) so that the engine brake is actuated by the service brake will not respond to the modifications in this bulletin. Programming parameter 10503 at 0 (OFF) disconnects the engine brake from the service brake and allows the modifications in this bulletin to take effect.

Two procedures are covered: The first is for a vehicle without access to a direct ServiceLink Internet connection; the second procedure is for one with a direct ServiceLink connection, such as at a properly equipped Freightliner dealership.

Adding the Engine Brake Lights Reference Parameter to an M2 Without a Direct ServiceLink Connection

The electronic data necessary to modify a vehicle must be downloaded onto a ServiceLink laptop computer that can then upload the information to the vehicle ECU.

1. Boot-up the PC, connect to the Internet and log on to ServiceLink at www.accessfreightliner.com.
2. In ServiceLink, click on CONNECT.
3. Confirm you want to work in DISCONNECTED MODE.
4. Enter the 6-digit vehicle serial number of the vehicle you are updating.
5. Select BULKHEAD MODULE (BHM) icon.
6. Select FEATURES.
7. In the list of installed features, look for 26-01003-003. If it is listed, the vehicle has already been updated with the exhaust brake light parameter and nothing needs to be done. If 26-01003-003 is not among the installed features, continue to the next step.
8. Type 26-01003-003 into the ENTER NEW REFERENCE PARAMETER box at the bottom of the screen and click on ADD TO LIST.
9. The reference parameter will appear below with a description. Click on APPLY CHANGES.
10. A pop-up box will inform you when the host is updated. Click OK.
11. Click on DISCONNECT.
12. Repeat steps 3 through 13 for each serial number you are updating.
13. When the parameters for each vehicle you are updating are loaded, download vehicle specific data for each vehicle. To begin, click on CONNECT.
14. Confirm that you want to work in DISCONNECTED MODE.
15. Type the 6-digit vehicle serial number of any of the vehicles, it does not matter which one.
16. Click on ADMIN at the top of the page.
17. Select ServiceLink OFFLINE SETUP.

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18. Enter the 6-digit serial number of the first vehicle in your list and click on the right arrow (>).
19. Type in the next serial number and click on the right arrow (>). Repeat the process for each vehicle you wish to update.
20. When all the vehicle serial numbers are listed in the box on the right, continue to the next step.
21. Click DOWNLOAD.

NOTE: It may take 1 minute or more, depending on connection speed, to download the data for each serial number. This means that a list of 20 can take 20 minutes or more. You can estimate the time required by timing the first download and multiplying it by the number of vehicles to be updated.

22. Disconnect from ServiceLink and close it.
23. Open ServiceLink Offline.
24. Connect the laptop computer to one of the vehicles to be updated with an approved communication device such as a Nexiq PDM or Noregon DLA.
25. Turn vehicle ignition to ON.
26. In ServiceLink, click on CONNECT.
27. Type the 6-digit serial number. If the serial number is already visible, confirm that it is correct and click on CONTINUE.
28. Select BULKHEAD MODULE.
29. Select FEATURES.
30. A pop-up box will appear informing you that changes have been made to the vehicle and asking if you wish to apply those changes. Select OK.
31. The vehicle lights will begin to flash as the bulkhead module (BHM) is updated. A pop-up box will appear when the BHM is successfully updated. When the successful update box appears, click OK.
32. Click on DISCONNECT.
33. Turn vehicle ignition to OFF and disconnect the vehicle from the computer.
34. Start the vehicle with the transmission in neutral or park and the parking brake set.
35. Turn ON the Engine/Exhaust Brake dash switch.
36. Rev the engine several times while you or an assistant watch the brake lights. The brake lights should appear when the engine brake is active and go out when the engine accelerates.
37. When the brake lights are confirmed working from the engine brake, turn OFF the Engine/Exhaust Brake dash switch.
38. Rev the engine several times while you or an assistant watch the brake lights. The brake lights should not appear.
39. When the test is satisfactorily completed, return the vehicle to service.
40. Repeat steps 23 through 38 for each vehicle.

Adding the Engine Brake Lights Reference Parameter to an M2 With a Direct ServiceLink Connection

1. Boot-up the ServiceLink computer.

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2. Log-on to ServiceLink through www.accessfreightliner.com.
3. Connect the computer to the vehicle with an approved communication device such as the Nexiq PDM or Noregon DLA.
4. Turn the vehicle ignition ON.
5. In ServiceLink, click on CONNECT.
6. Enter the 6-digit vehicle serial number of the vehicle you are updating.
7. Select the BULKHEAD MODULE (BHM) icon.
8. Select FEATURES.
9. In the list of installed features, look for 26-01003-003. If it is listed, the vehicle has already been updated with the exhaust brake light parameter and nothing needs to be done. If 26-01003-003 is not among the installed features, continue to the next step.
10. Type 26-01003-003 into the ENTER NEW REFERENCE PARAMETER box at the bottom of the screen and click on ADD TO LIST.
11. The reference parameter will appear below with a description. Click on APPLY CHANGES.
12. Follow online directions.
13. Click on DISCONNECT, and close ServiceLink.
14. Turn vehicle ignition to OFF and disconnect the computer connection.
15. Start the vehicle with the transmission in neutral or park and the parking brake set.
16. Turn ON the Engine/Exhaust Brake dash switch.
17. Rev the engine several times while you or an assistant watch the brake lights. The brake lights should appear when the engine brake is active and go out when the engine accelerates.
18. When the brake lights are confirmed working from the engine brake, turn OFF the Engine/Exhaust Brake dash switch.
19. Rev the engine several times while you or an assistant watch the brake lights. The brake lights should not appear.
20. When the test is satisfactorily completed, return the vehicle to service.

Parts Required

ServiceLink computer and appropriate connector.

Warranty

This is an informational bulletin only; warranty does not apply.