



SP 2-230-003
SERVICE PROGRAM

August, 2012

ATTENTION:

Service Managers / Parts Managers

SUBJECT:

Xpert Reprogramming of Engine Control Module (ECM) for Manual Diesel Particulate Filter (DPF) Regeneration.

DESCRIPTION OF SERVICE PROGRAM:

Autocar has determined that certain Xpert vehicles were programmed without manual DPF regeneration capability. This Service Program provides the necessary instructions to reprogram the ECM after-treatment parameters to enable manual DPF regeneration by activating the dash-mounted switch.

PROGRAM EXPIRES:

August 31, 2013

VEHICLES AFFECTED:

This Service Program covers vehicles with serial numbers ranging from 213288 through 214183. Refer to the VIN list on Page 4.

SERVICE RESPONSIBILITY:

Service Programs are performed on eligible vehicles at no charge to the owner until the expiration date listed above.

SERVICE PROGRAM INFORMATION:

Service Programs are product modifications and/or product improvements that Autocar has determined will enhance the operation of the truck. In a continuing effort to inform our customers of potential service issues and avoid unnecessary down time, Autocar has identified the following operation as recommended preventive maintenance. This Service Program should be added to your preventive maintenance and service manuals.

While being committed to continuous product improvement, Autocar is not required to update existing chassis after they have been placed in service.

REQUIRED PARTS:

No parts are required for this Service Program.

CLAIMS FOR REIMBURSEMENT:

Submit a claim for reimbursement in accordance with Autocar's Warranty Administration Manual.

CLAIM CODING INFORMATION:

Labor Operation Code Number	SRT	Labor Operation
28403-2-04	0.6 HR	Reprogram ECM

SP 2-230-003
SERVICE PROGRAM

August, 2012

TOOLS REQUIRED:

- Computer with access to Cummins INSITE™ version 7.5 or greater.
- INLINE 5 or greater datalink adapter and related cables.

SAFETY NOTICES



WARNING

Allow the vehicle's engine and cooling system to cool to ambient temperature before performing the repair procedure. A hot engine or cooling assembly may cause burns or other personal injury.



WARNING

To prevent eye injury, always wear eye protection when performing vehicle maintenance, service or inspection.



WARNING

Before working on a vehicle, set the parking brake, place the transmission in neutral and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.



CAUTION

The procedure described in this Service Program is only intended for personnel trained and certified in Cummins Insite diagnostic software use. If you do not have an OEM Password for the software, contact Autocar Technical Support at 888-218-3611 prior to beginning the REPAIR PROCEDURE.

REPAIR PROCEDURE:

1. Connect the Cummins INLINE 5 datalink adapter to the 9-pin diagnostic connector in the Electronic Service Compartment (ESC), located behind the front seats (See Figure 1).



Figure 1

2. Open the Cummins INSITE™ program and select **Connect to ECM**
3. Open the **Features and Parameters** window.

SP 2-230-003
SERVICE PROGRAM

August, 2012

4. Open the **Tools Menu**. Go to **ECM passwords**.
5. In the pop up window, click **OEM password**.
6. Enter the OEM password and click the **Unlock** button.
7. Close the passwords pop-up window.
8. In the Features and Parameters window, expand the **Aftertreatment** section.
9. Expand the **Automotive Mobile Regeneration** section.
10. Change the parameter "**Minimum Vehicle Speed**" from 5 mph to 0 mph.
11. Go to the parameter "**Diesel Particulate Filter Regeneration Permit Switch**" and change from Enable to **Disable**.
12. Right-click anywhere within the active screen; a pop-up window appears; choose "**Send To ECM**"
13. Follow the on-screen instructions to send the changes to the ECM. Wait for the screen verifying the parameters were successfully sent to the ECM.
14. Disconnect from the ECM.
15. Disconnect the datalink adapter from 9-pin diagnostic connector.
16. If the DPF warning lamp is illuminated or flashing, initiate and run a manual regeneration process.



NOTE

The ECM has been properly reprogrammed when a manual regeneration process can be initiated and run; however, a manual regeneration can only be performed when the DPF warning lamp is illuminated or flashing. If the DPF warning lamp was not illuminated or flashing prior to the ECM reprogramming, wait to perform the verification manual DPF regeneration process.

17. Close the ESC.
18. The procedure is now complete.



WARNING

REFER TO PROCEDURES AND SAFETY PRECAUTIONS FOR MANUAL DPF REGENERATION PROVIDED IN THE ENGINE AND VEHICLE OPERATOR'S MANUALS.



SP 2-230-003
SERVICE PROGRAM

August, 2012

VEHICLES AFFECTED BY VIN

Affected vehicles are listed in order by the last 6 digits of the VIN, in ascending order from top to bottom, then left to right.

213288	214133
213289	214134
213521	214135
213522	214136
213782	214137
213783	214138
213784	214174
213785	214175
213786	214176
213787	214177
213788	214178
213789	214179
214112	214180
214113	214181
214114	214182
214115	214183
214116	
214117	
214118	
214119	
214120	
214121	
214122	
214123	
214124	
214125	
214126	
214127	
214128	
214130	
214131	
214132	