



December 2015

Dealer Service Instructions for:

Safety Recall R52 / NHTSA 15V-592

Powertrain Control Module

Models

- 2016 (DJ) RAM Truck (2500 series)**
- (D2) RAM Truck (3500 series)**
- (DD) RAM Cab Chassis (3500 series)**
- (DP) RAM Cab Chassis (4500/5500 series)**

NOTE: This recall applies only to the above vehicles equipped with a 6.7L Cummins Turbo Diesel engine (sales code ETK) built at the Saltillo Assembly Plant (“G” in the 11th VIN Position) from July 31, 2015 through August 13, 2015 (MDH 073109 through 081300).

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

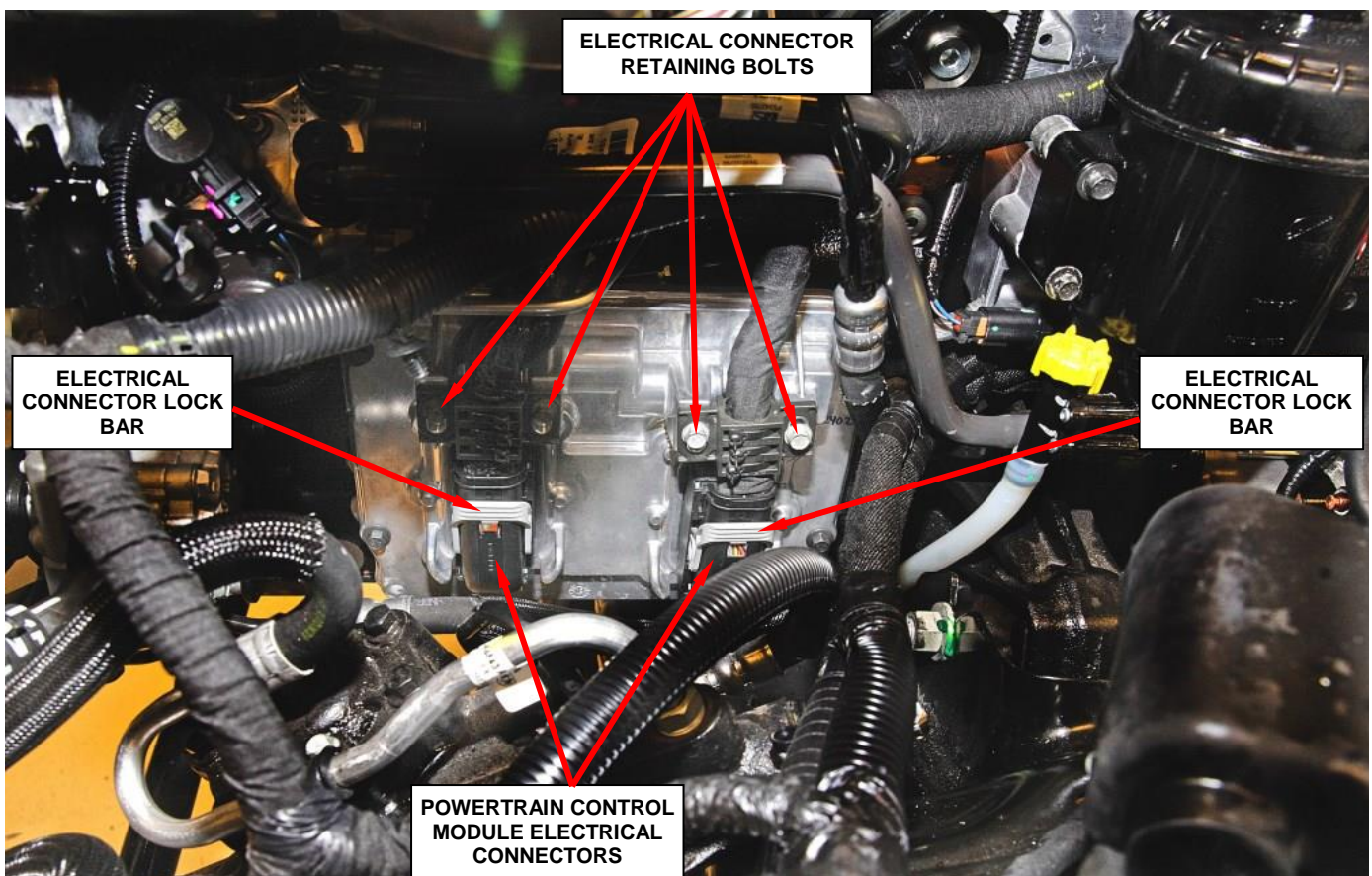
Subject

The Powertrain Control Module (PCM) on about 40 of the above vehicles may have been damaged during the manufacturing process. One of the PCM printed circuit board retaining screws may have damaged the edge of the printed circuit board. This can cause a short circuit to ground condition within the PCM. Should the printed circuit board short to ground, the engine could stall. An engine stall could cause a crash without warning.

Service Procedure**A. Replace Powertrain Control Module**

NOTE: To avoid possible voltage spike damage to the Powertrain Control Module (PCM), ignition key must be off, and both negative battery cables must be disconnected before unplugging PCM harness connectors.

1. Place the vehicle on an appropriate hoist.
2. Open the hood.
3. Disconnect both negative battery cables.
4. Remove and save the left front tire.
5. Remove and save the left front plastic wheel liner.
6. Disconnect the frame ground wire.
7. Remove and save the four PCM electrical connector retaining bolts (Figure 1).



**Figure 1 – Powertrain Control Module Electrical Connectors
(body removed for photographic purposes only)**

Service Procedure (Continued)

8. Lift the lock bar and disconnect the two PCM harness electrical connectors (Figure 1).

CAUTION: If the PCM electrical connector latch is packed with dirt or debris, clean the electrical connector latch with electrical contact cleaner. Damage to the PCM electrical connector housing may result if a dirty PCM electrical connector is forced open.

9. Working through the left front wheel opening, remove and save the four PCM mounting bolts (Figure 2).
10. Remove and discard the original PCM from the engine.
11. Place the new PCM into position on the engine block.
12. Install the four PCM mounting bolts. Tighten the PCM mounting bolts to 18 ft. lbs. (24 N·m).

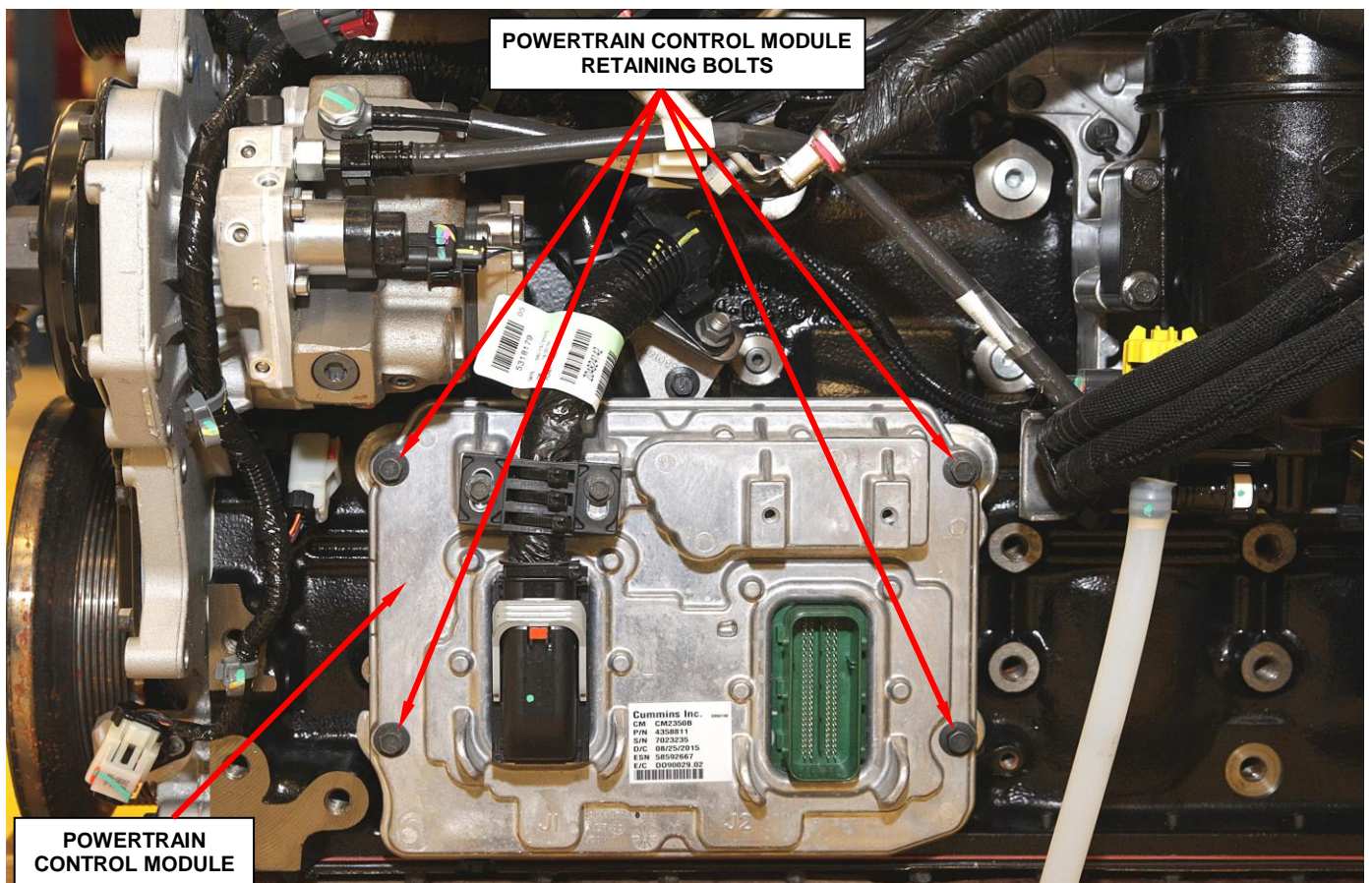


Figure 2 – Powertrain Control Module Mounting Bolts

Service Procedure (Continued)

13. Install the two PCM harness electrical connectors to the PCM electrical receptacles and engage the electrical connector lock bars.

14. Install the four PCM electrical connector retaining bolts. Tighten the bolts to 80 in. lbs. (9 N·m).

15. Install frame ground wire and retaining nut. Tighten nut to 80 in. lbs. (9 N·m).

16. Install the left front plastic wheel liner.

17. Install the left front wheel. Tighten the lug nuts to 135 ft. lbs. (100 N·m).

18. Lower the vehicle from the hoist.

19. Connect both negative battery cables.

20. Continue with **Section B. Program the Powertrain Control Module.**

Service Procedure (Continued)**B. Program the Powertrain Control Module**

1. Connect a battery charger to the vehicle.
2. Start a wiTECH scan tool session.
3. Connect a Micro Pod II to the data link connector on the vehicle.
4. From the vehicle view screen, select the “**Continue**” button on the pop-up screen.
5. Manually enter the entire Vehicle Identification Number (VIN) and select the “**Continue**” button.
6. Select the “**Close**” button.
7. Record the engine reference number located on the white label on the engine valve cover (Figure 3).



**Figure 3 – Engine Reference Number Location
(engine beauty cover removed for photographic purposes only)**

Service Procedure (Continued)

8. From the vehicle view screen, select the “**PCM**” icon.
9. Highlight the flash file that matches the reference number recorded in Step 7 of this procedure.
10. Click the green arrow on the file highlighted to begin the programming process.
11. Follow the screen prompts to complete the programming of the PCM.
12. Use the wiTECH scan tool to erase any Diagnostic Trouble Codes (DTC's) from PCM.
13. After programming the PCM:
 - **For vehicles equipped with an 68RFE automatic transmission**, allow the module to fully power down for 10 minutes.
 - **For vehicles equipped with an AS69RC Aisin automatic transmission**, automatic transmission equipped vehicles, allow the module to fully power down for 75 seconds.
 - **For vehicles equipped with a manual transmission**, allow the module to fully power down for 75 seconds.
14. From the PCM “**Misc. Functions**” tab, select “**Check PCM VIN**” from the list.
15. Follow the screen prompts to complete the task.
16. From the PCM “**Misc. Functions**” tab, select “**PCM Configuration**” from the list.
17. Follow the screen prompts to complete the task.
18. Use the wiTECH scan tool to erase any Diagnostic Trouble Codes (DTC's) from PCM.
19. **For vehicles equipped with a 68RFE automatic transmissions**, continue with **Section C. 68 RFE Transmission Quick Learn Procedure**.
20. **For vehicles equipped with an AS69RC Aisin automatic transmission or a manual transmission**, no further action is required. Remove the wiTECH scan tool from the vehicle and return the vehicle to the customer.

Service Procedure (Continued)

C. 68RFE Transmission Quick Learn Procedure

NOTE: Only vehicles equipped with a 68RFE automatic transmission require this procedure.

1. From the PCM “**Misc. Functions**” tab, select “**Quick Learn RFE**” from the list.
2. Follow the screen prompts to complete the task.
3. Use the wiTECH scan tool to erase any Diagnostic Trouble Codes (DTC's) from PCM.
4. Remove the wiTECH scan tool from the vehicle.
5. Return the vehicle to the customer.

Complete Proof of Correction Form for California Residents

This recall is subject to the State of California Registration Renewal/Emissions Recall Enforcement Program. Complete a Vehicle Emission Recall Proof of Correction Form (Form No. 81-016-1053) and **supply it to vehicle owners residing in the state of California** for proof that this recall has been performed when they renew the vehicle registration.

Completion Reporting and Reimbursement

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by FCA to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	Labor Operation Number	Time Allowance
Replace the PCM (includes programming)	08-R5-21-82	1.1 hours

Optional Equipment

With 68RFE automatic transmission	08-R5-21-60	0.3 hours
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Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

Dealer Notification

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

Owner Notification and Service Scheduling

All involved vehicle owners known to FCA are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

Additional Information

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations
FCA US LLC

IMPORTANT SAFETY RECALL

R52 / NHTSA 15V-592

This notice applies to your vehicle (VIN: xxxxxxxxxxxxxxxxx).

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Dear: (Name)

FCA has decided that a defect, which relates to motor vehicle safety, exists in certain **2016 model year RAM trucks equipped with a 6.7L Cummins Turbo Diesel engine.**

The problem is... The Powertrain Control Module (PCM) on your vehicles may have been damaged during the manufacturing process. One of the PCM printed circuit board retaining screws may have damaged the edge of the printed circuit board. This can cause a short circuit to ground condition within the PCM. Should the printed circuit board short to ground, the engine could stall. An engine stall could cause a crash without warning.

What your dealer will do... FCA will repair your vehicle free of charge. To do this, your dealer will replace the Powertrain Control Module. The work will take about 1.5 hours to complete. However, additional time may be necessary depending on service schedules.

What you must do to ensure your safety... Simply contact your Chrysler, Jeep, Dodge or RAM dealer right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment. **Please bring this letter with you to your dealer.**

If you need help... If you have questions or concerns which your dealer is unable to resolve, please contact the FCA Group Recall Assistance Center at either **fcarecalls.com** or 1-800-853-1403.

California residents... The State of California requires the completion of emission recall repairs prior to vehicle registration renewal. Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the recall service is performed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof that the recall has been performed.

Please help us update our records by filling out the attached prepaid postcard if any of the conditions listed on the card apply to you or your vehicle. If you have further questions go to **fcarecalls.com**.

If you have already experienced this specific condition and have paid to have it repaired, you may visit **www.fcarecallreimbursement.com** to submit your reimbursement request online or you can mail your original receipts and proof of payment to the following address for reimbursement consideration: **FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.** Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you've had previous repairs and/or reimbursement you may still need to have the recall repair performed on your vehicle.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to **safercar.gov**.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services / Field Operations
FCA US LLC

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.