

EMISSION RECALL – NORTH AMERICA
6.4L Crankshaft Linear Compensation ECM
Misfire Monitoring



Reference: 41C

FCA US LLC



RAM Remedy available for

2024 RAM (DJ) 2500 Pickup, (D2) 3500 Pickup, (DD) 3500 Cab Chassis, and (DP) 4500/5500 Cab Chassis

Template Version 1.0

Revision	Edition	Detail
0	June 2025	Initial Version.

Effective immediately all repairs on involved vehicles are to be performed according to this recall. Technical Service Bulletin (TSB) 18-034-24 (Rapid Service Update (RSU) 24-076) is no longer applicable for the vehicles involved in this recall. Those vehicles that have already had this repair performed, as determined by our warranty records, have been excluded from this recall.

SYMPTOM DESCRIPTION

The Target Linear Compensation (TLC) learning in the Engine Control Module (ECM) on about 680 of the above vehicles may not have been completed. The On-Board Diagnostic (OBD) system requires TLC complete to enable ECM misfire monitoring. Vehicles in this condition may not have proper OBD monitoring active, which may not detect increases in emissions.

SCOPE

This recall applies only to the above vehicles equipped with the 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Code ESB).

NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Dealers should complete this campaign service on these vehicles before retail delivery. Dealers should also perform this repair on vehicles in used vehicle inventory and those vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

REPAIR TO BE PERFORMED

Scan the PCM and confirm that the TLC learning is completed, and if not, drive the vehicle to complete the TLC learning.

ALTERNATE TRANSPORTATION

Dealers should proactively minimize customer inconvenience while the recall repair is being

performed. Reference the Goodwill Alternate Transportation Guidelines warranty bulletin link within Recall Central on DealerCONNECT for options to support the customer while their vehicle is in service.

COMPLETION REPORTING / REIMBURSEMENT

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

Use the following labor operation numbers and time allowances:

Labor Description	Number	Hrs
Inspect Target Linear Compensation (TLC) Learn Status Complete	08-41-C1-81	0.2
Inspect, Road Test, and Perform TLC Learn	08-41-C1-82	0.7

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

For Mobile Service Reimbursement, dealer to include standard dealer entry and mark-up for parts, standard dealer entry and labor rate for service, as well as the special services code for mobile allowance. The special services LOP will only be paid once per VIN and may NOT be used in coordination with any Alternate Transportation claims.

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For additional details, reference the Mobile Service Warranty Bulletin - for convenience, a copy has been linked within Recall Central on DealerCONNECT.

PARTS INFORMATION

Part No.	Qty.	Part Name
04275086AE	1	Authorized Modification Label

PARTS RETURN

No parts return required for this campaign.

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software

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 / 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.

Dealers are encouraged to consider alternative scheduling and servicing approaches for this recall. This repair does not require hoists or other full service

facility special equipment and is a Chrysler Mobile Service approved repair.

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.

SERVICE PROCEDURE

A. Repair

1. Using the WiTECH2.0, confirm TLC has been learned by viewing: **PCM->Data-> MF TLC Control-> MF TLC Learned Since Battery Disconnect. Status should show = TRUE.**
2. Does the TLC learned Since Battery Disconnect status show = **TRUE**?
 - **YES>>>** This recall is complete. Use Inspect LOP 08-41-C1-81 to close this recall.
 - **NO>>>** Proceed to **Step 3.**
3. Drive vehicle moderately (not wide open throttle) to 60 MPH (97 KPH), hold steady for approximately five -10 seconds (allow transmission to get to natural gear), tip out of throttle and coast down to 40 MPH (64 KPH) (do not press brake or accelerator, any pedal input will abort learn procedure).
4. Recheck the TLC learn status. If the TLC still has not been learned, repeat drive maneuver up to three more times on same key cycle (do not cycle key between learn attempts).
5. Once confirmation of TLC Learn status shows = **TRUE**, repair is complete.
6. Clear any DTCs that may have been set in any module due to replacement or reprogramming. The wiTECH application will automatically present all DTCs after the routine and allow them to be cleared.

Install the Authorized Modifications Label:

Type or print (with a ballpoint pen) the necessary information onto the Authorized Modifications Label (Figure 1). Then attach the label near the VECI label.

Chrysler Group LLC	AUTHORIZED MODIFICATIONS	THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB.
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:		
CHANGE AUTHORITY	DEALER CODE	DATE
RECALL	XXXXX	XX / XX / XXXX
04275086AD		

Figure 1 – Authorized Modifications Label

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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.

Process Steps to obtain the California Proof of Correction form:

- a. Access the “**DealerCONNECT**” website.
- b. Select the “**Service**” tab.
- c. Under the “**Publications**” heading, select the “**ePublishing**” link.
- d. Sign in using your **Dealer Code** and **Password**.
- e. Select the “**Proof of Correction form**”.

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

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LOGO

VEHICLE PICTURE

YOUR SCHEDULING OPTIONS

- 1. RECOMMENDED OPTION**
Call your authorized Chrysler / Dodge / Jeep® / RAM Dealership.
- 2. Call the FCA Recall Assistance Center at 1-800-853-1403.** An agent can confirm part availability and help schedule an appointment.
- 3. Visit recalls.mopar.com, scan the QR code below, or download the Mopar Owner's Companion App.**

QR Code

Get access to recall notifications, locate your nearest dealer, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

DEALERSHIP INSTRUCTIONS

Please reference Emissions Recall

41C.

IMPORTANT EMISSIONS RECALL

6.4L Crankshaft Linear Compensation ECM Misfire Monitoring

Dear [Name],

FCA US LLC has determined that certain [2024 RAM (DJ) 2500 Pickup, (D2) 3500 Pickup, (DD) 3500 Cab Chassis, and (DP) 4500/5500 Cab Chassis] vehicles equipped with the 6.4L V8 Heavy Duty Hemi MDS Engine require emissions system improvements.

WHY DOES MY VEHICLE NEED REPAIRS?

The Target Linear Compensation (TLC) learning in the Engine Control Module (ECM) on your vehicle ^[1] may not have been completed. The On-Board Diagnostic (OBD) system requires the completion of TLC learning to enable ECM misfire monitoring. Vehicles in this condition may not have proper OBD monitoring active, which may not detect increases in emissions.

HOW DO I RESOLVE THIS IMPORTANT EMISSIONS ISSUE?

FCA US LLC will repair your vehicle free of charge (parts and labor). To do this, your dealer will scan the ECM and confirm that the TLC learning is completed, and if not, drive the vehicle to complete the TLC learning. The estimated repair time is 15 to 45 minutes. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit, which require more time. Your time is important to us, so we recommend that you schedule a service appointment to minimize your inconvenience. Ask your dealer for alternate transportation options while your vehicle is in service. Please bring this letter with you to your dealership.

**TO SCHEDULE YOUR FREE REPAIR,
CALL YOUR CHRYSLER, DODGE, JEEP OR RAM DEALER TODAY**

CALIFORNIA RESIDENTS

The State of California requires the completion of this emission recall repair prior to vehicle registration renewal. Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the Emission 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 Emission Recall has been performed.

In order to ensure your full protection under the emissions warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could be determined as lack of proper maintenance of your vehicle.

WHAT IF I ALREADY PAID TO HAVE THIS REPAIR COMPLETED?

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. ^[2] Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

We apologize for any inconvenience, but are sincerely concerned about your satisfaction. Thank you for your attention to this important matter.

Customer Assistance/Field Operations
FCA US LLC



Mr. Mrs. Customer
1234 Main Street
Hometown, MI 48371

[1] If you no longer own this vehicle, please help us update our records. Call the FCA Recall Assistance Center at 1-800-853-1403 to update your information.

[2] You can also mail in 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.