



June 2015

Dealer Service Instructions for:

Emissions Recall R04

Exhaust High Frequency Decoupler

Models

2014-2015 (DS) RAM 4x2 Pick Up (1500 series)

NOTE: This recall applies only to the above vehicles equipped with a 3.0L engine (sales code EXF), and a 50 state emission control system (sales code NAS) built through December 22, 2014 (MDH 122206).

IMPORTANT: Some of the involved vehicles may be in Dealer vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The exhaust High Frequency Decoupler (HFD) on about 2,400 of the above vehicles, located between the turbocharger and the diesel particulate filter/converter assembly, may fracture due to fatigue and cause an exhaust leak.

Repair

The exhaust down pipe with the high frequency decoupler must be replaced.

Parts Information

<u>Part Number</u>	<u>Description</u>
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CLAAR041AA	Fasteners
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Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
3	Nut, Turbo Flange
1	Nut, Rear Mounting Bracket
1	Nut, Front Mounting Bracket
3	Push Pins, Wheel Liner

CLAAR042AA	Exhaust Down Pipe
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CLAAR043AA	Rear Steady Rest Bracket
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Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Clamp, V-Band
1	Bracket, Exhaust Mounting
2	Bolt, Exhaust Mounting Bracket to Transmission

CLAAR044AA	Gaskets
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Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Gasket, Exhaust Down Pipe
1	Gasket, Turbo Flange

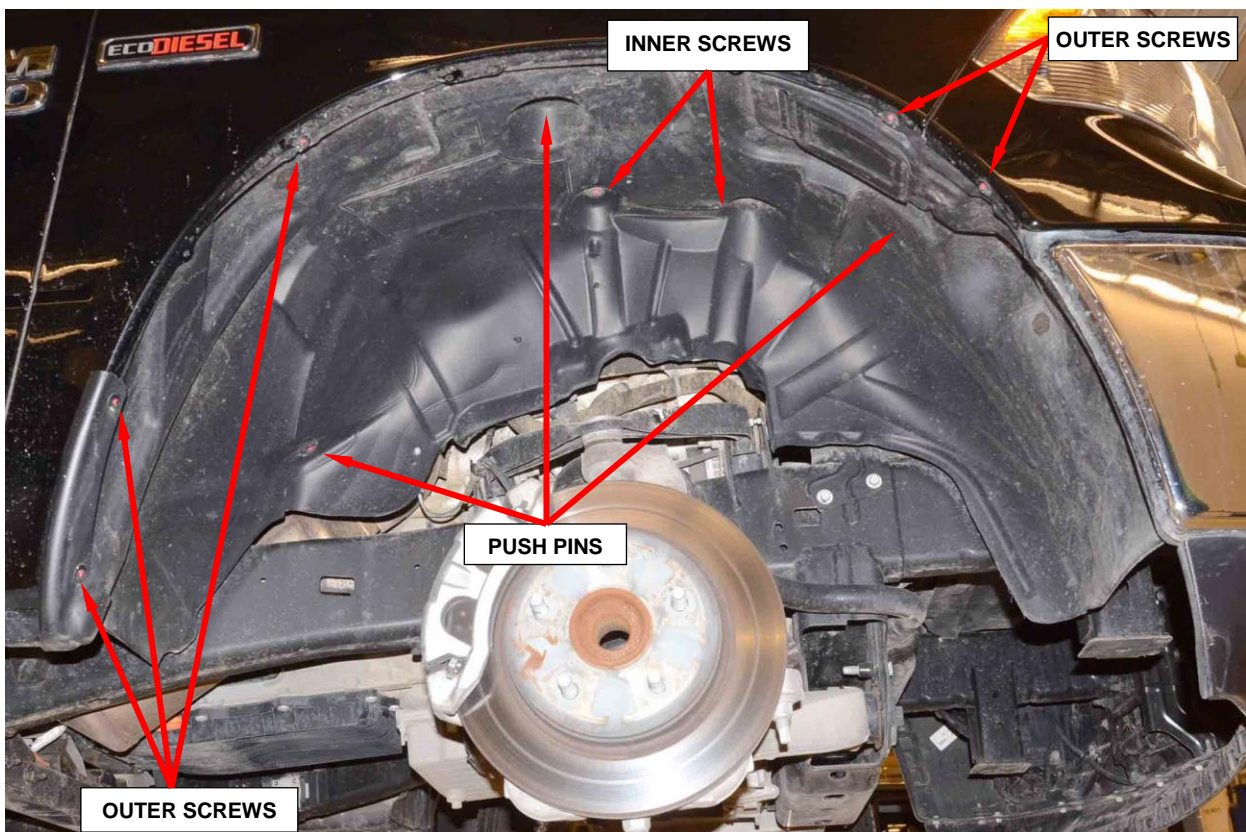
NOTE: One of each of the above part numbers must be ordered to repair one vehicle.

Parts Return

No parts return required for this campaign.

Service Procedure**A. Replace High-Frequency Decoupler:**

1. Disconnect and isolate the negative battery cable.
2. Raise the vehicle on an appropriate hoist.
3. Remove the right front wheel and tire assembly.
4. Use the following steps to remove the right front wheel liner.
 - a. Release the ABS harness push pin from the inner wheel liner.
 - b. Remove and discard the three push pins (Figure 1).
 - c. Remove and save the two inner screws and the five outer screws and remove the wheel liner (Figure 1).

**Figure 1 – Wheel Liner**

Service Procedure (Continued)

CAUTION: Do not use WD40 or equivalents on any of the exhaust fasteners. Exhaust catalyst internal washcoat can be damaged by the petroleum based ingredients in these types of penetrating oils.

NOTE: Mopar rust penetrant (04318039AD) or equivalent may be used to perform the following step.

5. Using the appropriate penetrating oil, spray the 3 turbo flange nuts to aid in removal later in this procedure (Figure 2).
6. Remove and discard the front exhaust mounting bracket nut (Figure 2).

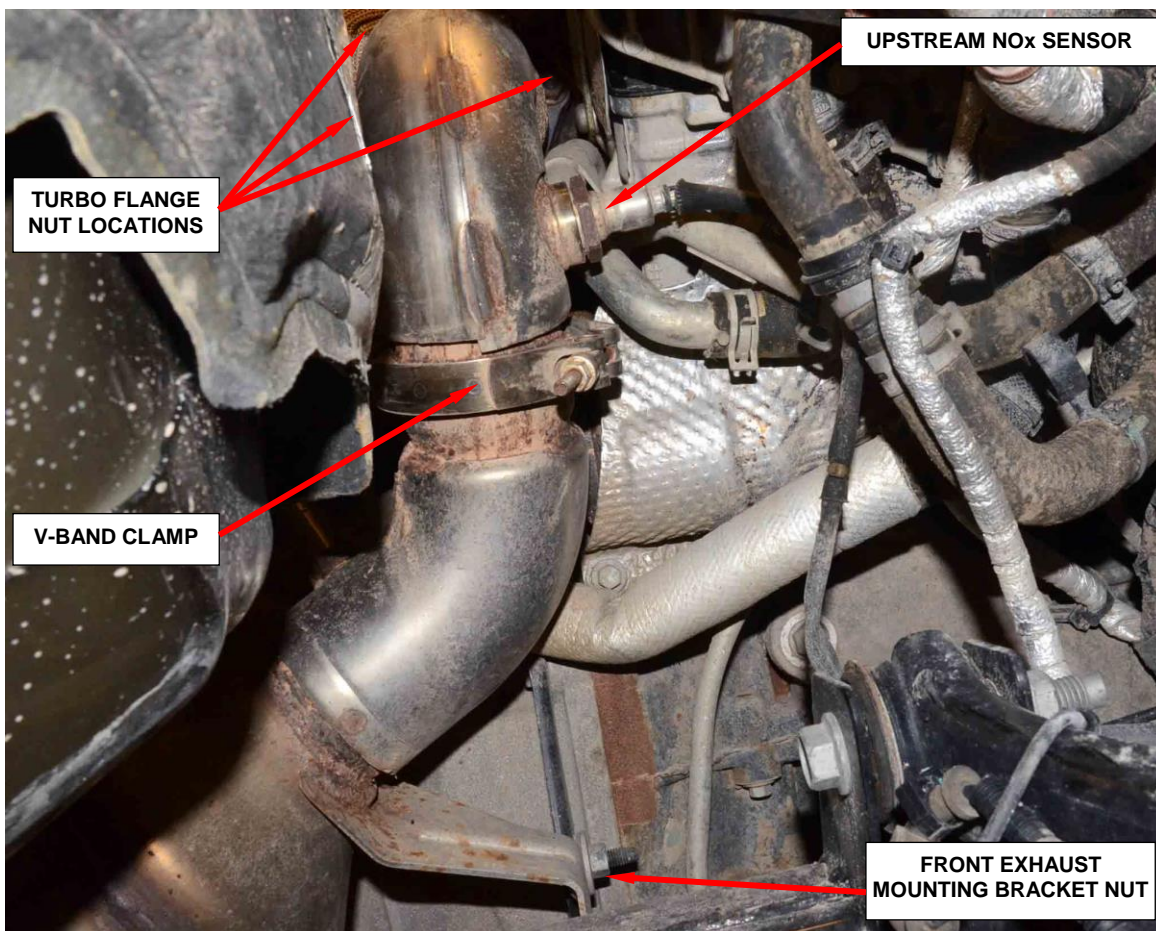
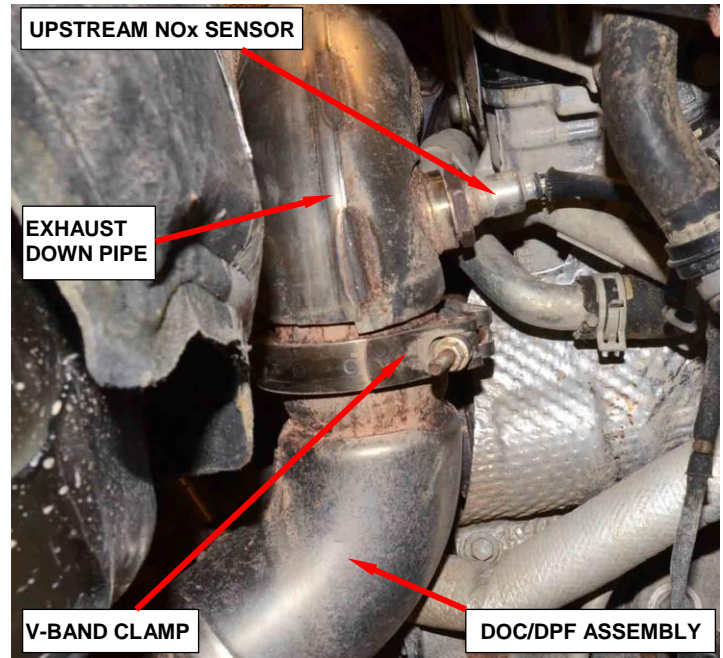


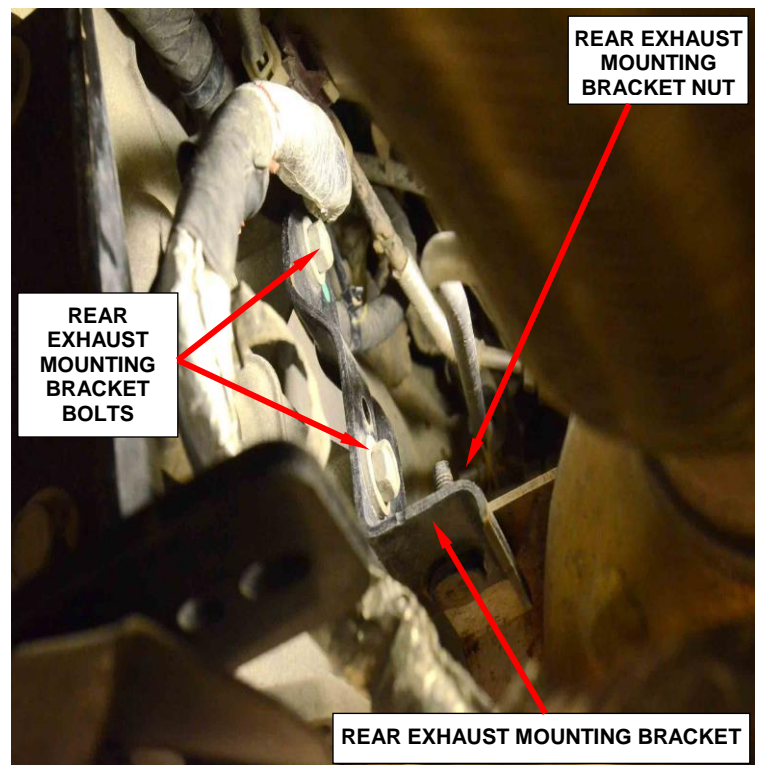
Figure 2 – Front Exhaust Mounting Bracket

Service Procedure (Continued)

7. Remove and discard the V-Band clamp connecting the exhaust down pipe to the Diesel Oxidation Catalyst/Diesel Particulate Filter (DOC/DPF) assembly (Figure 3).
8. Remove and save the upstream NOx sensor (Figure 3).
9. Remove the wire harness retaining clip from the rear exhaust mounting bracket.

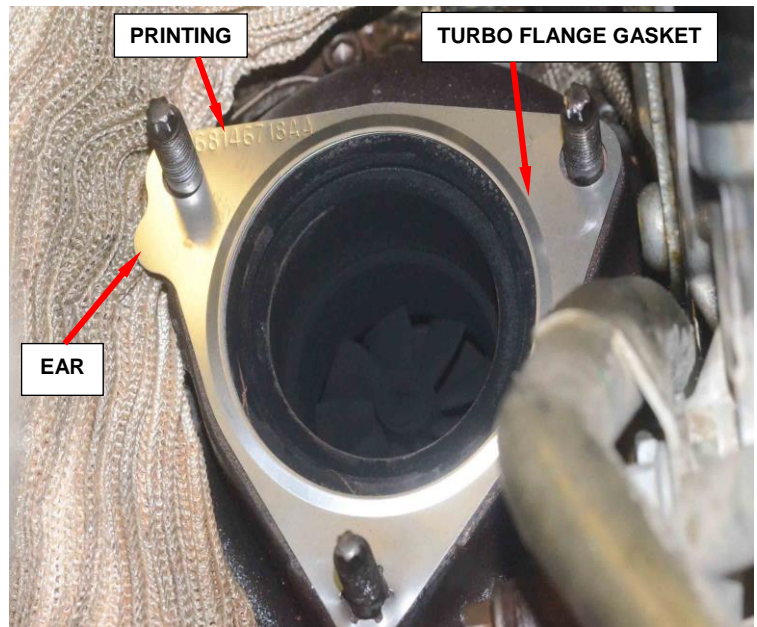
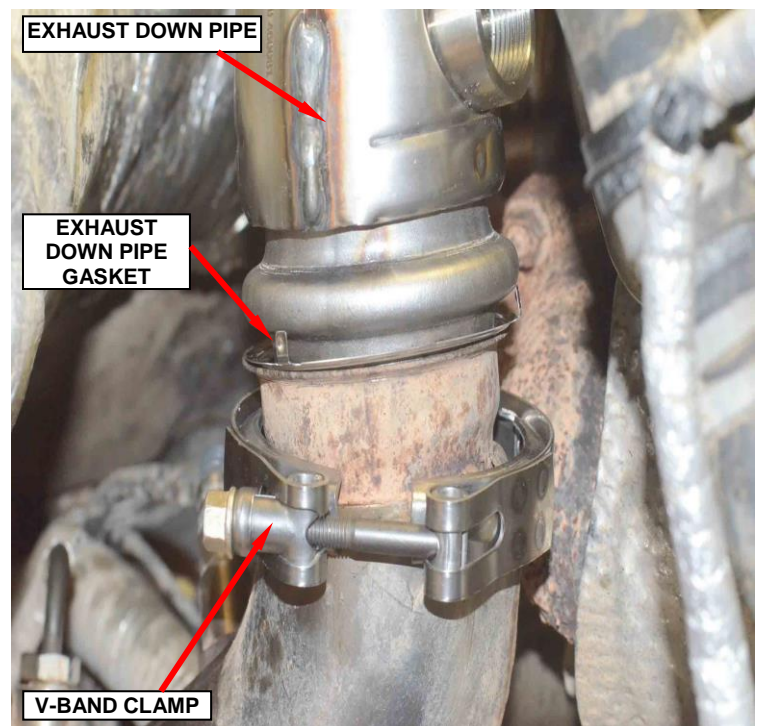
**Figure 3 – V-Band Clamp**

10. Remove and discard the rear exhaust mounting bracket to DOC/DPF nut (Figure 4).
11. Remove and discard the two rear exhaust mounting bracket to transmission retaining bolts (Figure 4).
12. Remove and discard the exhaust mounting bracket.

**Figure 4 – Rear Exhaust Bracket**

Service Procedure (Continued)

13. Remove and discard the three turbo flange nuts and remove the exhaust down pipe from the vehicle.
14. Remove and discard the turbo flange gasket and the exhaust down pipe gasket.
15. Install the new turbo flange gasket with the printed side facing outward and the ear of the gasket pointing to the left (Figure 5).
16. Install the new exhaust down pipe along with a new exhaust down pipe gasket (Figure 6), V-band clamp and three turbo flange nuts loosely tightening the fasteners.
17. Tighten the three turbo flange nuts to 23 ft. lbs. (32 N·m).
18. Install the new exhaust mounting bracket with silicone isolator along with two new exhaust bracket to transmission bolts. Tighten the bolts to 18 ft. lbs. (25 N·m).
19. Install a new rear exhaust bracket nut (nut with pink adhesive) onto the rear exhaust mounting bracket and hand tighten (Figure 4).

**Figure 5 – Turbo Flange Gasket****Figure 6 – Exhaust Down Pipe Gasket**

Service Procedure (Continued)

20. Install a new front exhaust mounting bracket nut onto the front exhaust bracket and hand tighten (Figure 2).
21. Tighten the V-Band clamp to 7 ft. lbs. (10 N·m) (Figure 3).
22. Tighten the front exhaust mounting bracket nut to 23 ft. lbs. (32 N·m) (Figure 2).
23. Tighten the rear exhaust bracket to DOC/DPF nut to 7 ft. lbs. (10 N·m) (Figure 4).
24. Clip the wire harness to the rear exhaust bracket.
25. Install the upstream NOx sensor and tighten to 41 ft. lbs. (55 N·m) (Figure 3).
26. Clean all surfaces using brake clean to remove residual penetrating oil, using compressed air and blow gun to dry remaining residue.
27. Install the right front wheel liner using three new push pins, two inner screws and five outer screws (Figure 1).
28. Clip the ABS harness push pin to the inner wheel liner.
29. Install the right front wheel and tire assembly and tighten all lug nuts to 135 ft. lbs. (183 N·m).
30. Connect the negative battery cable.

Service Procedure (Continued)

31. With the vehicle in a suitable safe location, verify the repair by performing the following steps.
 - a. Start the vehicle and apply the parking brake.
 - b. Apply the service brakes and shift the vehicle into drive.
 - c. While holding firm pressure on the service brakes, raise the engine RPM to 1800 - 2000 RPM.
 - d. Listen for abnormal noises indicating leaks or possible grounded out isolators.

32. Complete the Proof of Correction Form for California Residents, **Section B**.

33. Return the vehicle to the customer.

B. 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 US LLC to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

	<u>Labor Operation Number</u>	<u>Time Allowance</u>
Replace Exhaust Down Pipe and Rear Steady Rest Bracket	11-R0-41-82	1.1 hours

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 EMISSIONS RECALL

R04

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

Dear: (Name)

FCA has determined that certain **2014 through 2015 RAM Pickup 4x2 vehicles** equipped with a 3.0L diesel engine may develop an exhaust leak that could release air pollutants.

The problem is... **The exhaust High Frequency Decoupler (HFD) on your vehicle, located between the turbocharger and the diesel particulate filter/converter assembly, may fracture due to fatigue and cause an exhaust leak.**

What your dealer will do... **FCA will repair your vehicle free of charge.** To do this, your dealer will replace the exhaust down pipe with the high frequency decoupler. The work will take about 1½ hours to complete. However, additional time may be necessary depending on service schedules.

What you must do... Simply **contact your dealer** right away to schedule a service appointment. Ask the dealer to hold the part for your vehicle.

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 **recalls.mopar.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 **recalls.mopar.com**.

If you have already experienced this specific condition and have paid to have it repaired, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement: FCA Recall Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, Attention: Reimbursement.

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle. Further, without this repair, your vehicle may fail a state or local emission inspection test.

We are sorry for any inconvenience but trust that you understand our interest in clean air. Thank you for your attention to this important matter.

Customer Services / Field Operations
FCA US LLC