

Technical Service Bulletin (TSB)

Heavy Duty Exhaust Gas Recirculation (EGR) Valve

REFERENCE:	TSB: 09-007-25 GROUP: 09 - Engine	Date:	April 3, 2025	REVISION:	—
VEHICLES AFFECTED:	2024 (D2) RAM 3500 Pickup 2024 (DD) RAM 3500 Cab Chassis 2024 (DF) RAM 3500 10K LB. Cab Chassis 2024 (DJ) RAM 2500 Pickup 2024 (DP) RAM 4500/5500 Cab Chassis This bulletin applies to vehicles built on or after May 18, 2024 (MDH 0518XX) and on or before October 11, 2024 (MDH 1011XX) equipped with 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Code ESB).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC): P1404 - EGR Position Sensor Rationality Closed.				
CAUSE:	Internal EGR Valve Distortion				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-053, date of issue April 03, 2025. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

This bulletin involves replacing the EGR valve.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
25-01-45-90	EGR Valve - Replace (0 - Introduction)	1 - Engine Repair and Performance	0.8 Hrs.
Failure Code	ZY	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1	04627465AG	EGR Valve	
1	04627541AC	EGR Mounting Gasket	
1	05281349AA	EGR Tube Gasket	

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. **This RSU only applies to vehicles on the RSU VIN list.**

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

1. Is the VIN on the RSU Vin list?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> This bulletin does not apply.
2. Replace the EGR valve. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 25 - Emissions Control / Exhaust Gas Recirculation / Valve, Exhaust Gas Recirculation / Removal and Installation
3. Clear DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.