

REFERENCE:	TSB: 09-019-23 GROUP: 09 - Engine	Date:	October 7, 2023	REVISION:	-
VEHICLES AFFECTED:	2019 – 2022 (DS) RAM 1500 Pickup 2019 – 2022 (DS) RAM Truck (Mexico) 2019 – 2022 (WD) Dodge Durango 2019 – 2021 (WK) Jeep Grand Cherokee 2021 – 2022 (WL) Jeep Grand Cherokee This bulletin applies to vehicles built with the 5.7L V8 Hemi MDS VVT engine (Sales Codes EZH) or the 5.7L V8 Hemi VVT engine (Sales Code EZC).			MARKET APPLICABILITY:	
				<input checked="" type="checkbox"/> NA	<input type="checkbox"/> MEA
				<input type="checkbox"/> SA	<input type="checkbox"/> IAP
				<input type="checkbox"/> EE	<input type="checkbox"/> CH
CUSTOMER SYMPTOM:	The customer may describe an ticking noise from the exhaust manifold location(s) when cold.				
CAUSE:	Updated exhaust manifold kit.				

REPAIR SUMMARY:

This bulletin involves replacing the exhaust manifolds.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-45-01-9A	Manifold, Exhaust - Left Side Only 2019 - 2021 WK 2019 - 2022 WD (1 - Semi-Skilled)	1 - Engine Repair and Performance	2.9 Hrs.
09-45-01-9A	Manifold, Exhaust - Left Side Only 2021 - 2022 WL (1 - Semi-Skilled)	1 - Engine Repair and Performance	2.7 Hrs.
09-45-01-9A	Manifold, Exhaust - Left Side Only 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	1.6 Hrs.
09-45-01-9B	Manifold, Exhaust - Right Side Only 2019 - 2021 WK 2019 - 2022 WD (1 - Semi-Skilled)	1 - Engine Repair and Performance	3.5 Hrs.
09-45-01-9B	Manifold, Exhaust - Right Side Only 2021 - 2022 WL (1 - Semi-Skilled)	1 - Engine Repair and Performance	2.7 Hrs.

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-45-01-9B	Manifold, Exhaust - Right Side Only 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	1.3 Hrs.
09-45-01-9C	Manifold, Exhaust - Both Left and Right Sides 2019 - 2021 WK 2019 - 2022 WD (1 - Semi-Skilled)	1 - Engine Repair and Performance	5.6 Hrs.
09-45-01-9C	Manifold, Exhaust - Both Left and Right Sides 2021 - 2022 WL (1 - Semi-Skilled)	1 - Engine Repair and Performance	4.6 Hrs.
09-45-01-9C	Manifold, Exhaust - Both Left and Right Sides 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	2.8 Hrs.
Failure Code	ZZ	Service Action	

OPTIONAL EQUIPMENT:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-45-01-64	Skid Plate Equipped (WK/WD Models Only) 2019 - 2021 WK 2019 - 2022 WD (1 - Semi-Skilled)	1 - Engine Repair and Performance	0.2 Hrs.
09-45-01-6E	4X4 Equipped - Right or Both Sides (WL Model Only) 2021 - 2022 WL (1 - Semi-Skilled)	1 - Engine Repair and Performance	0.6 Hrs.
09-45-01-6F	4X4 Equipped - Left or Both Sides (WK/WD Models Only) 2019 - 2021 WK 2019 - 2022 WD (1 - Semi-Skilled)	1 - Engine Repair and Performance	1.1 Hrs.
09-45-01-6D	5.7L - 4X4 Equipped – Left (DS Model Only) 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	0.2 Hrs.
09-45-01-6C	5.7L - 4X4 Equipped – Right (DS Model Only) 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	0.2 Hrs.

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-45-01-6G	4X4 Equipped - Both Left and Right Side (DS Model Only) 2019 - 2022 DS (1 - Semi-Skilled)	1 - Engine Repair and Performance	0.4 Hrs.

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68591586AA	Manifold, Exhaust	LH Exhaust Manifold Kit DS, DX, WK, WD and WL
1 (AR)	68591585AA	Manifold, Exhaust	RH Exhaust Manifold Kit DS and DX
1 (AR)	68591591AA	Manifold, Exhaust	RH Exhaust Manifold Kit WK, WD and WL

DIAGNOSIS:

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

REPAIR PROCEDURE:

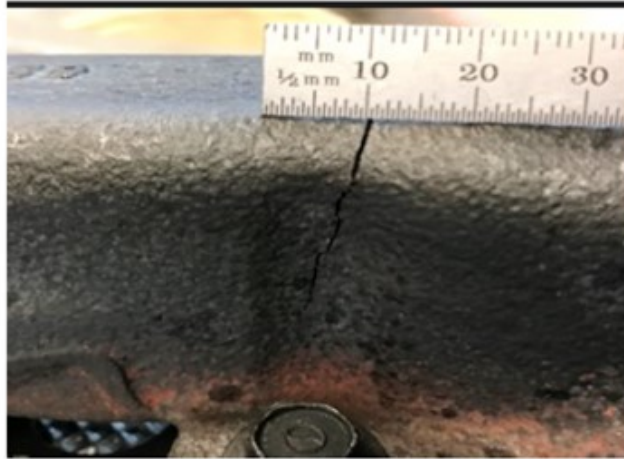
1. Start the vehicle cold. Listen for ticking noise that stops after engine is warmed up.
2. Shut engine off and allow engine to cool.
3. Remove exhaust manifold heat shield(s) from the side that is suspect to be leaking for manifold inspection.
4. Re-start cold engine and listen for noise source at exhaust manifold area.
5. Visually inspect for a cracked manifold and confirm it is not a casting parting line or casting fin in location Fig. 1.



Fig. 1
Exhaust Manifold Crack Area

1 - Manifold Crack Area

6. If a cracked manifold is found Fig. 2, replace the exhaust manifold(s) that are cracked. Refer to the detailed service procedures available in DealerCONNECT>Service Library under: 09 - Engine, 5.7L / Manifolds / Manifold, Exhaust / Removal and Installation.

**Fig. 2****Exhaust Manifold Crack**

7. Replace all fasteners to prevent bottoming in cylinder head. Fasteners were lengthened 6 mm (Approximately 2.5 in.) when tie bars were added to exhaust manifolds. Use all kit components for this Repair Procedure. Exhaust manifold, gasket, fasteners, heat shield and tie bar. Tie bars in kit must be used even if there were no tie bars originally. Right side fastener 06510140AA (front most fastener) is 5 mm (3/16 in.) shorter than other fasteners.

POLICY:

Reimbursable within the provisions of the warranty.

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