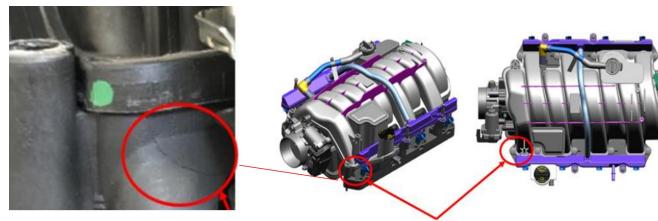


**Technical Service Bulletin (TSB)**  
**Engine Misfire From Intake Manifold Crack**

<b>REFERENCE:</b>	<b>TSB:</b> 09-024-23 <b>GROUP:</b> 09 - Engine	<b>Date:</b>	November 29, 2023	<b>REVISION:</b>	-
<b>VEHICLES AFFECTED:</b>	<b>2022 - 2023 (WD) Dodge Durango</b> This bulletin applies to vehicles built on or after November 27, 2022 (MDH 1127XX) and on or before June 10, 2023 (MDH 0610XX) equipped with a 5.7L V8 Hemi MDS VVT Engine (Sales Code EZH).	<b>MARKET APPLICABILITY:</b>			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input checked="" type="checkbox"/> EE <input type="checkbox"/> CH			
<b>CUSTOMER SYMPTOM:</b>	<p>Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set:</p> <ul style="list-style-type: none"> <li>• P0301 - Cylinder 1 Misfire.</li> </ul> <p>Customers may also experience one or more of the following:</p> <ul style="list-style-type: none"> <li>• Rough engine idle.</li> <li>• Shakes while driving.</li> </ul>				
<b>CAUSE:</b>	Fracture crack at left front of intake manifold <a href="#">Fig. 1</a> .				



**Fig. 1**

Area Where Crack Occurs

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-326XX, date of issue November 29, 2023. 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. This RSU will expire 18 months after the date of issue.

**REPAIR SUMMARY:**

This bulletin involves inspecting and if needed replacing the intake manifold for a crack.

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-50-01-98	Manifold, Intake - Inspect (2 - Skilled)	1 - Engine Repair and Performance	0.2 Hrs.
09-50-01-99	Manifold, Intake - Inspect and Replace (2 - Skilled)	1 - Engine Repair and Performance	1.0 Hrs.
Failure Code	ZZ	Service Action	

**SPARE PARTS:**

Qty	Part No.	Description	Notes
1 (AR)	68189105AC	Manifold, Intake	
1 (AR)	68545089AA	Manifold, Intake – Gasket Kit	
1 (AR)	04627591AA	Seal, Throttle Body To Intake	

**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. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure

**SPECIAL TOOLS/EQUIPMENT:**

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

**REPAIR PROCEDURE:**

1. Remove the oil cap.
2. Lift upward and remove the engine cover.
3. Verify if the above DTC is stored, active or pending and inspect the left front corner of the intake manifold for any signs of cracks.



**Fig. 2**  
Crack Shown Up Close

4. Is the DTC present, or were any intake manifold cracks found in the left front corner [Fig. 2](#)?
  - YES>>> Proceed to [Step 5](#).
  - NO>>> This bulletin does not apply. Install the oil cap and engine cover. Use Inspect LOP (09-50-01-98) to close this active RSU. Normal diagnosis should be performed.
5. Replace the intake manifold. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: 09 - Engine, 5.7L / Manifolds / Manifold, Intake / Removal and Installation.
6. Install the engine cover.
7. Install the oil cap.
8. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

**POLICY:**

Reimbursable within the provisions of the warranty.

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