

## Technical Service Bulletin (TSB) Cylinder Head Screw Not Specific

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                |                                                                                                                                                                                                                                                                                                          |           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| REFERENCE:         | TSB: 09-018-26<br>GROUP: 09 - Engine                                                                                                                                                                                                                                                                                                                                                                              | Date: | August 7, 2026 | REVISION:                                                                                                                                                                                                                                                                                                | 09-014-23 |
| VEHICLES AFFECTED: | 2023 (B1) Jeep Renegade<br>2023 (M1) Jeep Compass<br>This bulletin applies to: <ul style="list-style-type: none"><li>B1 vehicles built on or after May 15, 2023 (MDH 0515XX) on or before July 17, 2023 (MDH 0717XX).</li><li>M1 vehicles built on or after May 15, 2023 (MDH 0515XX) on or before July 13, 2023 (MDH 0713XX).</li></ul> Equipped with a 1.3 I4 Turbo MAIR DI Engine W/ESS E100 (Sales Code EYJ). |       |                | MARKET APPLICABILITY:<br><div><input type="checkbox"/> NA<input type="checkbox"/> MEA</div> <div><input checked="" type="checkbox"/> SA<input type="checkbox"/> IAP</div> <div><input type="checkbox"/> EE<input type="checkbox"/> CH</div><br>NOTE: This bulletin applies to the South America markets. |           |
| CUSTOMER SYMPTOM:  | Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC): <ul style="list-style-type: none"><li>P1212 - Engine Oil Temperature High - RPM Limited.</li></ul> Customers may also experience the following: <ul style="list-style-type: none"><li>Engine overheating.</li></ul>                                       |       |                |                                                                                                                                                                                                                                                                                                          |           |
| CAUSE:             | Incorrect cylinder head to block fasteners                                                                                                                                                                                                                                                                                                                                                                        |       |                |                                                                                                                                                                                                                                                                                                          |           |

This bulletin supersedes Technical Service Bulletin (TSB) 09-014-23, date of issue August 29, 2023, which should be removed from your files. This is a complete revision and no asterisks have been used to highlight revisions.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-250, date of issue August 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.

### REPAIR SUMMARY:

This bulletin involves replacing the cylinder head to block bolts and head gasket.

### CLAIMS DATA:

| Labor Operation No: | Labor Description                                                                                | Skill Category                    | Labor Time |
|---------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|------------|
| 09-35-03-35         | Cylinder Head Fasteners<br>- Replace <b>(B1 Only)</b><br>(0 - Introduction)                      | 1 - Engine Repair and Performance | 7.0 Hrs.   |
| 09-35-03-36         | Cylinder Head Fasteners<br>- Replace <b>(M1 Only)</b><br>(0 - Introduction)                      | 1 - Engine Repair and Performance | 6.2 Hrs.   |
| 09-35-03-37         | Cylinder Head Fasteners<br>- Replace Cylinder Head Gasket <b>(B1 Only)</b><br>(0 - Introduction) | 1 - Engine Repair and Performance | 11.6 Hrs.  |

| Labor Operation No: | Labor Description                                                                                | Skill Category                    | Labor Time |
|---------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|------------|
| 09-35-03-38         | Cylinder Head Fasteners<br>- Replace Cylinder Head Gasket <b>(M1 Only)</b><br>(0 - Introduction) | 1 - Engine Repair and Performance | 11.3 Hrs.  |
| Failure Code        | ZZ                                                                                               | Service Action                    |            |

**SPARE PARTS:**

|    |                                       |                                                |                                            |
|----|---------------------------------------|------------------------------------------------|--------------------------------------------|
| 10 | 46350754 - EMEA<br>68667842AA - MOPAR | Bolt, Cylinder Head                            | Use quantity necessary only                |
| 1  | 46345319 - EMEA<br>68667844AA - MOPAR | Cylinder Head Gasket                           |                                            |
| 1  | 55282356 - EMEA<br>68667843AA - MOPAR | Multiair Gasket                                |                                            |
| 1  | 46347605 - EMEA<br>68576846AA - MOPAR | Engine Oil Filter                              |                                            |
| 48 | 7092779 - EMEA<br>68608372AA - MOPAR  | Motor oil Mopar MaxPro 0W30                    | Reimbursement for each 100 ml / 0.1 qt.    |
| 66 | 7092803 - EMEA<br>68626281AA - MOPAR  | Mopar Antifreeze Coolant OAT 50/50 Pre-diluted | (Reimbursement for each 100 ml / 0.1 qt.)  |
| 14 | 7092691 - EMEA<br>68626280AA - MOPAR  | RTV Loctite Ultrablack 598                     | (Reimbursement for each 5 grams / 0.2 oz.) |

**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 the customer describes any of the symptoms 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 cylinder head. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 09 - Engine, 1.3L I4 16V MultiAir Turbo / Cylinder Head / Removal and Installation.
2. Check the condition of the spark plugs and inspect if the coolant is contaminated with oil.

**NOTE: In the case of spark plug problem, request the part using the parts catalog (ePER) and request as campaign complement using the warranty channel A10.**

3. Replace the cylinder head gasket and head bolts and install the cylinder head. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 09 - Engine, 1.3L I4 16V MultiAir Turbo / Cylinder Head / Removal and Installation.
4. Replace the engine oil, oil filter and engine coolant.
5. After assembly, perform a cylinder compression test and a cooling system pressure test.
6. Using wiTECH, clear any DTCs which may have been set during the Repair Procedure.
7. Remove the vehicle from the workplace and release the vehicle for delivery to the customer.

**NOTE: After applying this TSB, it is not necessary to send DID-I or DID-A.**

## POLICY:

Reimbursable within the provisions of the warranty.

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