

Technical Service Bulletin (TSB)
Cylinder Head Screw Not Specific

REFERENCE:	TSB: 09-018-26 GROUP: 09 - Engine	Date:	August 7, 2026	REVISION:	09-014-23
VEHICLES AFFECTED:	2023 (B1) Jeep Renegade 2023 (M1) Jeep Compass This bulletin applies to: • B1 vehicles built on or after May 15, 2023 (MDH 0515XX) on or before July 17, 2023 (MDH 0717XX). • M1 vehicles built on or after May 15, 2023 (MDH 0515XX) on or before July 13, 2023 (MDH 0713XX). Equipped with a 1.3 I4 Turbo MAIR DI Engine W/ESS E100 (Sales Code EYJ).			MARKET APPLICABILITY: ☐ NA☐ MEA ☒ SA☐ IAP ☐ EE☐ CH 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): • P1212 - Engine Oil Temperature High - RPM Limited. Customers may also experience the following: • Engine overheating.				
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 - Replace (B1 Only) (0 - Introduction)	1 - Engine Repair and Performance	7.0 Hrs.
09-35-03-36	Cylinder Head Fasteners - Replace (M1 Only) (0 - Introduction)	1 - Engine Repair and Performance	6.2 Hrs.
09-35-03-37	Cylinder Head Fasteners - Replace Cylinder Head Gasket (B1 Only) (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 - Replace Cylinder Head Gasket (M1 Only) (0 - Introduction)	1 - Engine Repair and Performance	11.3 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

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