



Technical Service Bulletin

13 MIL on with corrosion marks on the cylinder walls, DTC P030000 is stored in the ECM

13 24 23 2060876/2 February 9, 2024. Supersedes Technical Service Bulletin Group 13 number 20-09 dated October 16, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2021	All	Not Applicable
RS Q8	2020 – 2024		
SQ7, and SQ8	2020 – 2023		
S8	2021 – 2024		
RS 6 Avant, and RS 7	2021 - 2023		

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added Model Years.)
1	10/17/2020	Initial publication

Customer states:

- MIL on.
- The engine runs erratically or judders.

Workshop findings:

- The cylinder wall of the affected cylinder(s) show corrosion marks.

The following DTC is stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P030000** (Random/Multiple Cylinder Misfire detected).

Technical Background

The cylinder walls of the EA825 V8TFSI have an APS coating (atmospheric plasma spraying). The marks are not affecting the APS coating.

Production Solution

Not applicable.



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Service

Partial, light corrosion observed on the surface of one or several cylinder walls have no influence on the operation of the engine (Figures 1 - 2). The APS coating is unaffected.

An engine replacement is not justified. The cause for the MIL or the customer concern needs further diagnosis.

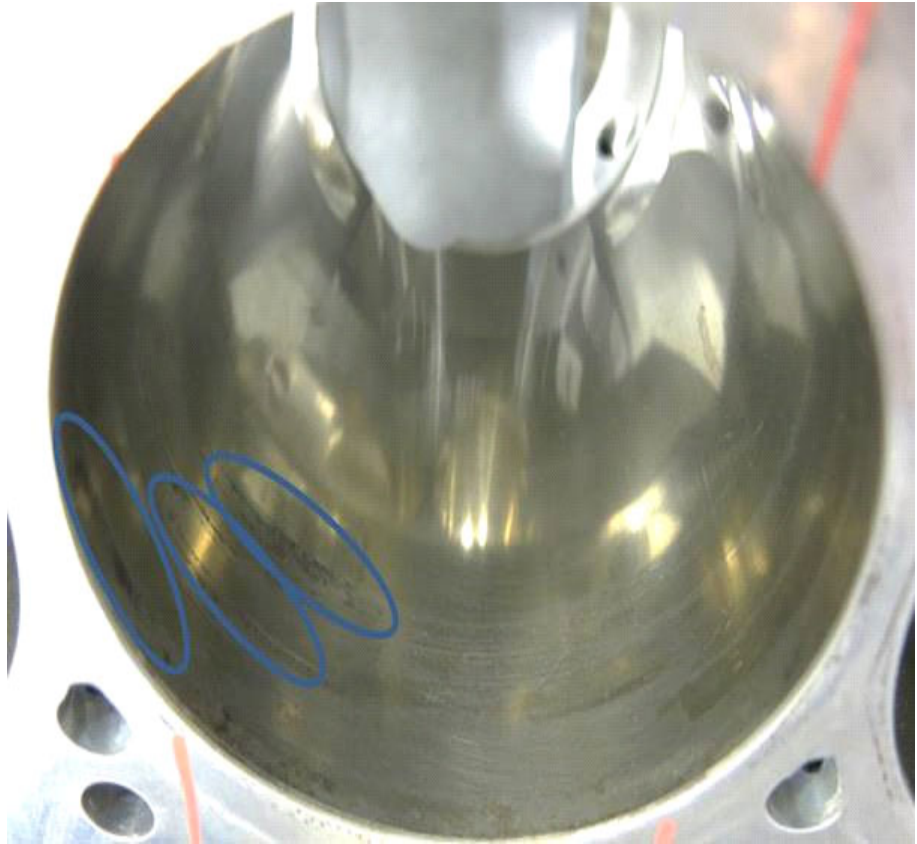


Figure 1. Corrosion marks on cylinder walls.



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Figure 2. Corrosion marks on cylinder walls (close-up).

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2060876**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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