



# Technical Service Bulletin

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

13 20 09 2060876/1 October 16, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8, S8	2019 - 2021	All	V8 TFSI
Q7, Q8, SQ7, SQ8, and RSQ8	2020 - 2021	All	V8 TFSI
A6, A7, A6 allroad, A6 Avant, RS6 Avant, S6, S7, and RS7	2021	All	V8 TFSI

## Condition

### Customer states:

- MIL on.
- The engine runs erratically or judders.
- There is an engine oil consumption concern.

### 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.



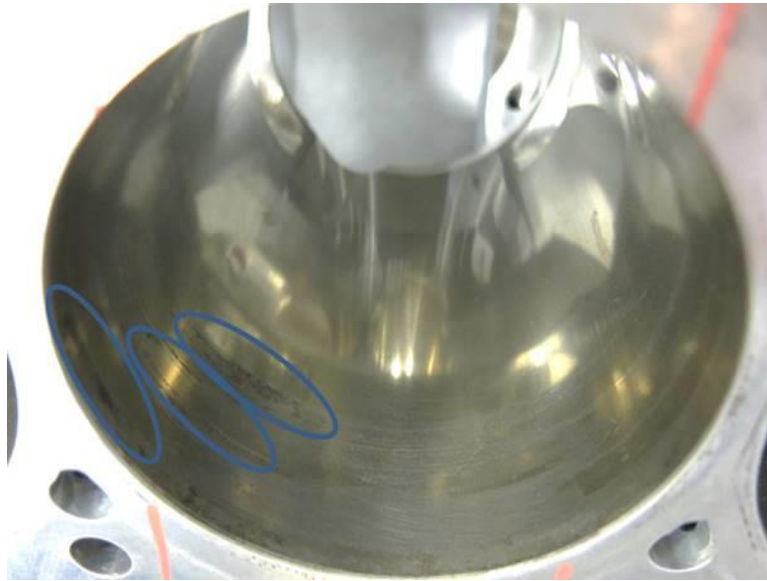
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## Service

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.



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



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## 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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