



# 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,<br>SQ7, SQ8,<br>and RSQ8                                        | 2020 - 2021 | All       | V8 TFSI                    |
| A6, A7, A6<br>allroad, A6<br>Avant, RS6<br>Avant, S6,<br>S7, and<br>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.



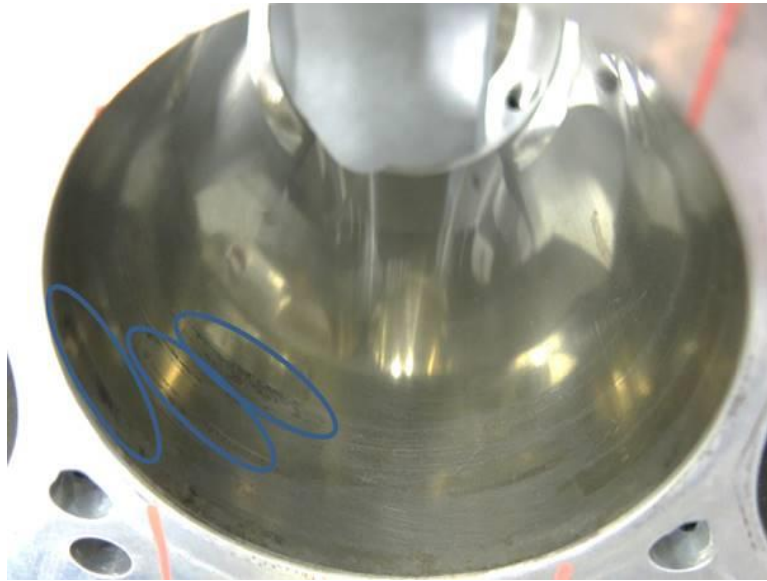
# Technical Service Bulletin

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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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