

# **Technical Service Bulletin**

#### PSS 01 3.0TFSI Bank 2 engine misfires - Q8

01 20 85 2054182/4 September 3, 2020. Supersedes Technical Service Bulletin Group 01 number 19-36 dated December 13, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q8	2019 - 2020	All	3.0TFSI

#### **Condition**

REVISION HISTORY				
Revision	Date	Purpose		
4	-	Revised Production Solution (Updated estimate)		
		Revised Service (Adjusted Steps and updated with software release)		
3	12/13/2019	Revised title (Changed format)		
		Revised header (Added MY20)		
		Revised Service (Updated estimate added to Production Solution)		
2	08/20/2019	Revised header (Updated VIN break)		
		Revised Service (Updated software released date estimate)		

This PSS only applies if all of the following conditions are met, see Figure 1 for an example:

- MIL on, MIL flashing, or misfires reported by customer.
- Misfire DTCs are stored for more than one cylinder on Bank 2.
- DTC ambient conditions show misfires occurring at or near the same timestamp.
- DTC ambient conditions show misfires occur while engine operating condition is "Leerlauf" (idle in German).
- DTC ambient conditions show misfires occur when the vehicle is at or near 0 km/h speed.
- The vehicle is NOT currently misfiring when examined in the workshop.

If all of the above criteria are not met, this PSS does not apply and the vehicle should be diagnosed using the normal GFF process.



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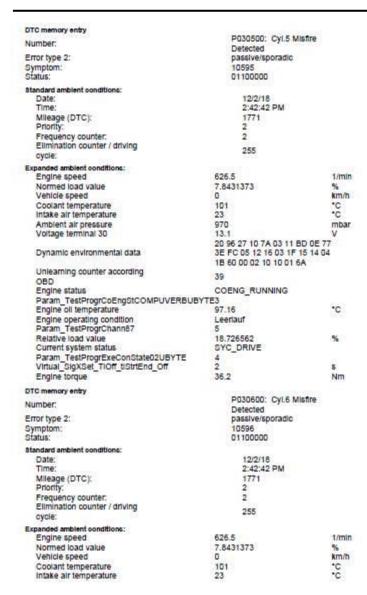


Figure 1. Example of applicable DTC.

### **Technical Background**

Software calibration causing misfire under certain running conditions using winter blend fuel (higher vapor pressure).



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### **Production Solution**

Improved software in development pending 1st quarter of 2021 release.

### **Service**

- 1. If customer's vehicle condition matches the conditions listed in this PSS TSB clear DTC's and test drive vehicle.
- 2. If no faults return after the test drive, explain to the customer that a solution is forthcoming for the 1st quarter of 2021 and that no repairs are necessary at this point. Do not replace any components for this condition since this will not resolve the customer's concern.
- 3. Create a PSS record in the PSS application through the Pending Service Solutions (PSS) link in AccessAudi (under *Related Links* >> *Service*), or through the Technical Assistance Page in Elsa.

## **Warranty**

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

### **Additional Information**

All parts and service references provided in this TSB (2054182) 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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