

Technical Service Bulletin



PSS 01 3.0TFSI engine misfires - A6 and A7 - DTCs P0300 through P0306

01 23 36 2058038/4 January 10, 2023. Supersedes Technical Service Bulletin Group 01 number 21-02 dated April 7, 2021, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A6 allroad, and A7	2020 – 2022	All	3.0 Engine

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Removed MY) Revised <i>Production Solution</i> (Updated estimate)
3	04/07/2021	Revised header (Added MY) Revised <i>Production Solution</i> (Updated estimate)
2	09/03/2020	Revised <i>Production Solution</i> (Updated estimate) Revised <i>Service</i> (Adjusted Steps and updated with software release)

Customer States:

MIL may be illuminated.

Workshop findings:

The following DTCs may be stored:

- **DTC P0300:** Random/Multiple Cylinder Misfire Detected
- **DTC P0301:** Cyl.1 Misfire Detected
- **DTC P0302:** Cyl.2 Misfire Detected
- **DTC P0303:** Cyl.3 Misfire Detected
- **DTC P0304:** Cyl.4 Misfire Detected
- **DTC P0305:** Cyl.5 Misfire Detected
- **DTC P0306:** Cyl.6 Misfire Detected

Technical Background

Software calibration causes a misfire under certain running conditions using winter blend fuel (higher vapor pressure). This condition would occur mostly during winter months.



Production Solution

Improved software in development.

Service

1. If the customer's vehicle condition matches the condition listed in the *Technical Background* of this PSS, explain to the customer that a solution is expected to be available by the end of the 2nd quarter of 2023 (subject to change) and that no repairs are necessary at this point
2. 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*).

Please refer to TSB 2069038/2 for Model Year 2019 A6/A7 vehicles.

Warranty

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

Additional Information

All part and service references provided in this TSB (**2058038**) 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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