

# Technical Service Bulletin



## 20 MIL on (DTC P310B - Low fuel pressure regulation / pressure out of specification)

20 16 75 2043758/3 August 2, 2016. Supersedes Technical Service Bulletin Group 20 number 16-71 dated June 15, 2016 for reasons listed below.

| Model(s)                               | Year        | VIN Range | Vehicle-Specific Equipment |
|----------------------------------------|-------------|-----------|----------------------------|
| A4, A5,<br>A5 Cabriolet,<br>A6, A7, Q5 | 2012 - 2016 | All       | 2.0L and 3.0L engine       |

## Condition

| REVISION HISTORY |           |                                                                                   |
|------------------|-----------|-----------------------------------------------------------------------------------|
| Revision         | Date      | Purpose                                                                           |
| 3                | -         | Revised <i>Warranty</i> (Added time for checking fuel pressure and delivery rate) |
| 2                | 6/15/2016 | Revised header data (Added customer codes)                                        |
| 1                | 4/12/2016 | Initial publication                                                               |

- MIL on.
- Customer has problems starting the car.
- The issue usually occurs when the temperature outside is around 120°F or higher, after start-stop journeys with longer idle speed phases and hot engine.
- **DTC P310B** (Low fuel pressure control, fuel pressure outside tolerance) stored in the engine control module (ECM), J623 (address word 01) with one of the following symptom codes:
  - Symptom code 6183 for 3.0 TFSI.
  - Symptom code 2636 and/or 2637 for 2.0 TFSI.
- Intake air temperature is usually above 140°F (60°C) in the freeze frame data of the diagnostic log.

## Technical Background

Vapors in fuel system.

## Production Solution

Not applicable.

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## Service

Check the low fuel pressure, the fuel delivery rate, and the fuel lines according to ELSA specifications. If there are deviations, replace the fuel delivery unit. If no fault is found, delete the event memory and do not replace the fuel delivery unit.

## Warranty

|                          |                                                                                                                                                                                                                              |           |                                                   |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------|
| <b>Claim Type:</b>       | <ul style="list-style-type: none"><li>• 110 up to 48/50</li><li>• G10 for CPO covered vehicles – verify owner</li><li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul> |           |                                                   |
| <b>Service Number:</b>   | 2066                                                                                                                                                                                                                         |           |                                                   |
| <b>Damage Code:</b>      | 0040                                                                                                                                                                                                                         |           |                                                   |
| <b>Labor Operations:</b> | <b>For A4, A5, A5 cab, and Q5:</b>                                                                                                                                                                                           |           |                                                   |
|                          | Electric fuel pump remove+reinstall                                                                                                                                                                                          | 2066 1900 | 130 TU                                            |
|                          | <b>For A6 and A7:</b>                                                                                                                                                                                                        |           |                                                   |
|                          | Electric fuel pump remove+reinstall                                                                                                                                                                                          | 2066 1950 | 20 TU                                             |
|                          | Fuel drain+fill                                                                                                                                                                                                              | 2003 1700 | 110 TU                                            |
|                          | <b>For all models:</b>                                                                                                                                                                                                       |           |                                                   |
|                          | Check low fuel pressure and the fuel delivery rate                                                                                                                                                                           | 2003 9999 | 100 TU                                            |
| <b>Diagnostic Time:</b>  | GFF                                                                                                                                                                                                                          | 0150 0000 | Time stated on diagnostic protocol<br>(Max 30 TU) |
|                          | Technical diagnosis at dealer's discretion<br>(Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)                                                                                                 |           |                                                   |
| <b>Claim Comment:</b>    | As per TSB #2043758/3                                                                                                                                                                                                        |           |                                                   |

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

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## Additional Information

All parts and service references provided in this TSB (2043758) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.