

#### PSS 01 MIL on, fuel rail pressure low (P0087)

01 13 81 2033211/3 March 28, 2013. Supersedes Technical Service Bulletin Group 01 number 13-74 dated March 12, 2013 for reasons listed below.

| Model(s)                           | Year | Year VIN Range Vehicle-Specific Equipm |          |
|------------------------------------|------|--|----------|
| A4, allroad, A5,<br>A5 cab, Q5, A6 | 2013 | All                                    | 2.0 TFSI |

## Condition

| REVISION HISTORY |           |   |  |  |  |
|------------------|-----------|---|--|--|--|
| Revision         | Date      | Purpose   |  |  |  |
| 3                | -         | Revised Service (Modified steps)<br>Added attachment (Customer Q&A) |  |  |  |
| 2                | 3/12/2013 | Revised header data (corrected VIN range)                           |  |  |  |
| 1                | 3/5/2013  | Initial publication   |  |  |  |

Customer may report MIL on and loss of performance.

## **Technical Background**

Under extreme driving conditions (e.g. long idle periods or extended stop and go traffic), high temperatures can build up in the rail system and may lead to fluctuations in fuel pressure, possibly causing **DTC P008700** (fuel rail pressure too low) to be stored. Coolant temperature above 102°C in the freeze frame data can be an indicator of those extreme driving conditions.

## **Production Solution**

Software to optimize the cooling strategy to solve this issue is currently in development.

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# Technical Service Bulletin



# Service

- 1. Diagnose the vehicle according to the instructions listed below. If customer's vehicle condition matches the condition listed in the *Technical Background* of this PSS TSB, continue with the points below.
- 2. Create a PSS record in the PSS application via the hyperlink in Accessaudi.com (*Figure 1*) or Technical Assistance page in Elsa (*Figure 2*).

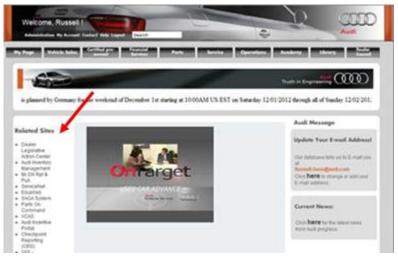


Figure 1. Related Sites section on Accessaudi.com landing page

|                                       |             |   | Open Te                                     | hafe                                |   |
|---------------------------------------|-------------|---|---|-------------------------------------|---|
| Access Calls<br>Travers to conclusion | Case Ramber | - |   | Hold for                            |   |
|                                       |             |   | fection                                     |                                     |   |
| Access Cade                           | Case Randar |   | Market .                                    | Hold for                            |   |
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Figure 2. Technical Assistance page

3. Open a TACS ticket and call TACs for further instructions.

#### **Condition verification procedure**

Reproduce the condition:

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- 1. Ensure that the air conditioning is switched off.
- 2. Allow the engine to warm up until the radiator fans start running.
- 3. Shut down the vehicle immediately to create heat build-up.

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# Technical Service Bulletin

- 4. Allow the vehicle to sit for five minutes, then start a test drive.
- 5. Check if DTC P008700 is stored.

After verifying the condition, erase DTCs.

## Warranty

| Claim Type:       | Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only. |           |   |  |  |  |
|-------------------|---|-----------|---|--|--|--|
| Service Number:   | 2441  |           |   |  |  |  |
| Damage Code:      | 0015  |           |   |  |  |  |
| Labor Operations: | Warm up vehicle   | 2441 0399 | 10 TU   |  |  |  |
| Diagnostic Time:  | GFF - Checking and clearing fault codes   | 0150 0000 | Time stated on<br>diagnostic<br>protocol (Max 20<br>TU) |  |  |  |
|                   | Road test after service procedure   | 0121 0004 | 10 TU   |  |  |  |
| Claim Comment:    | As per TSB #2033211/3   |           |   |  |  |  |

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.

# **Required Parts and Tools**

Not applicable

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# **Additional Information**

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

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# Customer Q & A



## Q: Why do I need to leave the A/C on auto?

A: Leaving the A/C on auto will activate radiator fans on low speed, ensuring a lower temperature in the engine bay. This prevents fuel pressure fluctuations through heat buildup.

### Q: I need my vehicle to heat, why would I have the A/C on?

A: Turning the A/C on auto will not necessarily mean that the system will be blowing cold air. It will still regulate to the set temperature and provide heat to reach that temperature. It will also dehumidify the air to prevent fogging of the windows.

### Q: Will I experience performance issues again?

A: Having the A/C on auto will prevent this issue from happening. A permanent solution is currently being developed; your dealer will contact you once it is available. Resolving the concern and providing a solution is Audi's highest level of priority.

## Q: I want to use settings other than auto for the climate control. Can I do that?

A: You can use other settings for climate control as long as the LED for A/C on is illuminated (*Figure 1*).



Figure 1: Climate control with A/C LED on