Technical Service Bulletin

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	VIN Range	Vehicle-Specific Equipment
A4, allroad, A5, A5 cab, Q5, A6	2013	All	2.0 TFSI

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
3	-	Revised *Service* (Modified steps) 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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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*).

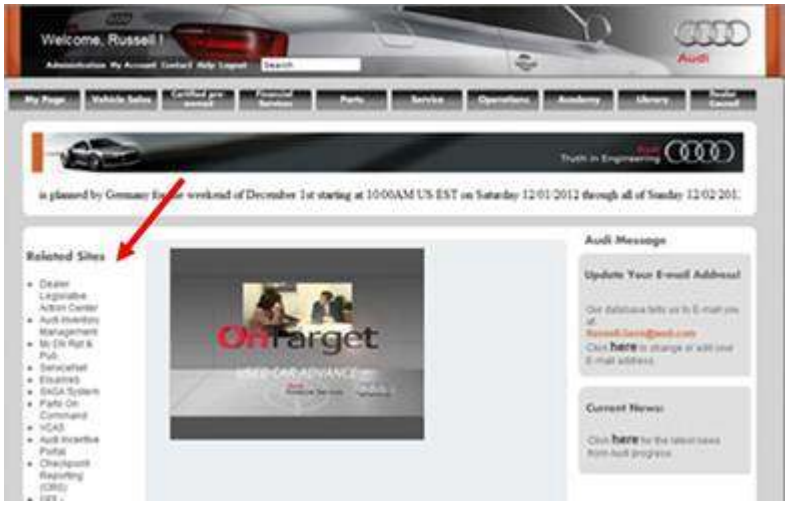


Figure 1. *Related Sites section on Accessaudi.com landing page*



Figure 2. *Technical Assistance page*

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

Condition verification procedure

Reproduce the condition:

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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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 diagnostic protocol (Max 20 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

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

Audi
Truth in Engineering

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*