Technical Service Bulletin

PSS 01 Mil on, fuel rail pressure low (P0087)

01 13 74 2033211/2 March 12, 2013. Supersedes Technical Service Bulletin Group 01 number 13-72 dated March 5, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, allroad, A5, A5 cab, Q5, A6	MY13	000001 - 999999	2.0 TFSI

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
2	-	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 build up in the rail system and can lead to steam bubbles in the fuel. This causes temporary drops in fuel pressure, causing **DTC P008700** (fuel rail pressure too low) to be stored. Freeze frame data will indicate those extreme driving conditions: coolant temperature is above 102˚ C.

Production Solution

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

© 2013 Audi of America, Inc.
All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.

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, explain to the customer that a solution is forthcoming and that no repairs are necessary at this point.
2. Do not replace any components or update software for this condition since this will not resolve the customer's concern. Instruct the customer that having the A/C on will diminish the issue.
3. Create a PSS record in the PSS application via the hyperlink in Accessaudi.com (*Figure 1*) or Technical Assistance page in Elsa (*Figure 2*).

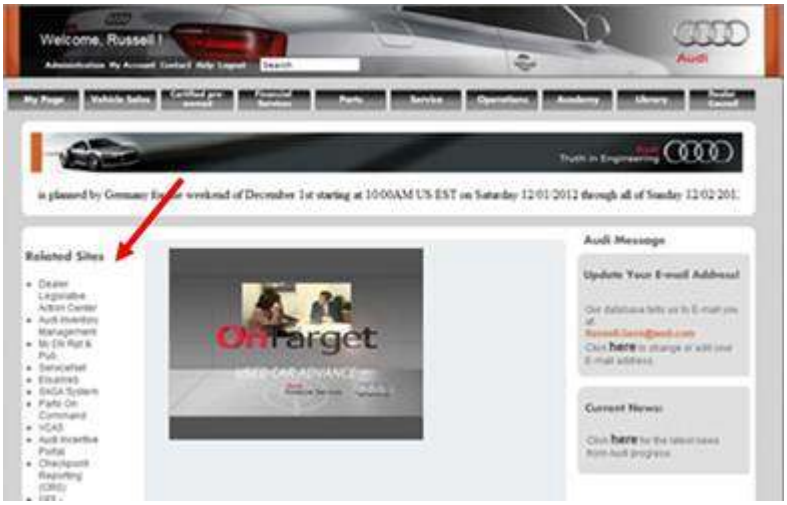


Figure 1. *Related Sites section on Accessaudi.com landing page*



Figure 2. *Technical Assistance page*

Condition verification procedure

Reproduce the condition:

1. Allow the engine to warm up until the coolant fans start running.

© 2013 Audi of America, Inc.
All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.

2. Shut down the vehicle immediately to create heat build-up.
3. Allow the vehicle to sit for five minutes, then start a test drive.
4. 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 #2033211/2		

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.

© 2013 Audi of America, Inc.
All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.