

Technical Service Bulletin



20 Vehicle does not start; fuel pressure below specification (DTC P0087)

20 16 73 2044478/1 July 5, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2017	000001 - 020055	Not Applicable

Condition

- Vehicle does not start.
- Fuel pressure is below specification (around 0.3 bar).
- **DTC P0087** (Fuel/rail system pressure - too low) is stored in the engine control module (ECM), J623 (address word 01).

Technical Background

The fuel hose inside the tank is disconnected and cannot be reconnected.

Production Solution

Optimized lock spring material.

Service

1. Access the fuel pump assembly by following the instructions in the Elsa Repair Manual at: *Engine>Fuel Supply System>20 Fuel Supply>Fuel Delivery Unit Removing and Installing TFSI vehicles.*
2. If the fuel tank is full, drain fuel so that the top of the pump can be accessed. This procedure can be performed with the fuel tank at $\frac{3}{4}$ volume or less.

3. Identify the fuel line inside of the tank (Figure 1). The line may be partially or completely disconnected.

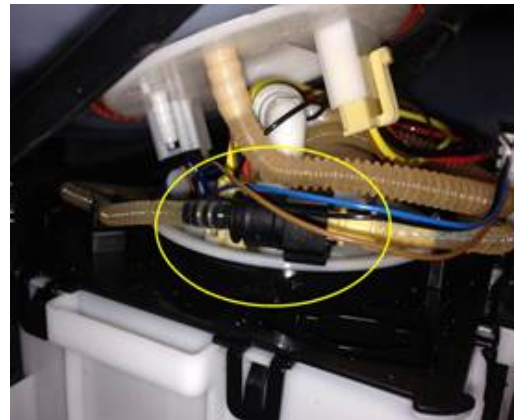


Figure 1. Fuel line.

4. Install the yellow securing clip (part number 8W0201250) straight onto the black connector (Figure 2 and Figure 3). Make sure that the release tabs of the black connector are locked through the “window” of the securing clip (Figure 4).



Figure 2. Yellow securing clip.



Figure 3. Installation direction of the securing clip.



Figure 4. Securing clip correctly installed with the release tabs locked in place.

5. Insert the male end of the line into the black connector, then push the yellow securing clip down (Figure 5 and Figure 6).



Figure 5. Insert the male end into the black connector.



Figure 6. Push the yellow securing clip down.

6. Install a cable tie as shown (Figure 7 and Figure 8).



Figure 7. Cable tie installation.



Figure 8. Cable tie installation.

7. Place the line on top of the fuel pump assembly box (Figure 9).



Figure 9. Placement of the fuel line.

8. Reinstall the components according to the instructions in the Elsa Repair Manual at: *Engine>Fuel Supply System>20 Fuel Supply>Fuel Delivery Unit Removing and Installing TFSI vehicles.*
9. Cleared the stored DTC.

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Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48/50• G10 for CPO covered vehicles – verify owner• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2066		
Damage Code:	0010		
Labor Operations:	Pump cover remove+reinstall plus clip installation	2066 3599	40 TU
	Rear bench remove+reinstall	7249 1900	20 TU
	Drain ¼ of the fuel volume (Only if tank is full)	2003 1799	20 TU
Diagnostic Time:	GFF (Check and clear DTC)	0150 0000	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2044478/1		

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

Part Number	Part Description	Quantity
8W0201250	Securing Clip	1
N0209022	Cable Tie	1
1K0919133D (or any available supersession)	Seal Ring	1

Additional Information

All parts and service references provided in this TSB (2044478) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.