



Technical Service Bulletin

69 Airbag warning light on, DTC B1225F1 stored in the airbag control module

69 19 41 2051242/5 July 24, 2019. Supersedes Technical Service Bulletin Group 69 number 19-40 dated June 26, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5, Q5	2018 - 2019	All	Not Applicable
A4, Q7	2017 - 2019	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Condition</i> (Removed Note)
4	06/26/2019	Revised header (Added Q5) Revised <i>Service</i> (Added Q5 procedure)
3	04/26/2019	Revised header (Added model years)

Customer states:

- Airbag warning lamp is illuminated in the driver information system (DIS).
- Customer may also report that the passenger airbag indicator lamp in the overhead console may show that the airbag is off.

Workshop findings:

The following DTC is stored in the airbag control module, J234 (address word 0015):

- **DTC B1225F1** (Seat occupied recognition sensor mat Shield wire, open circuit).

Technical Background

Not applicable.

Production Solution

There is a concern with the aluminum shielding on the PODS harness under the seat that is causing the DTC B1225F1 to occur. The aluminum sleeve isn't fitted tight enough to the harness, a small amount of interference is possible and causes the fault.



Technical Service Bulletin

The service solution is to apply cable ties at two different points of the harness under the seat which tightens the fit of the aluminum shielding and corrects the issue.

Service

A4, A5, and Q7

1. To apply the cable ties, the seat does not need to be removed. You will need to move the lateral seat adjustment all the way to rearmost adjustment limit and the vertical height adjustment all the way to the upper adjustment limit.

Once the seat is adjusted to the above-mentioned position, you will see the need to attach the cable ties at two points on the harness as shown (Figure 1).

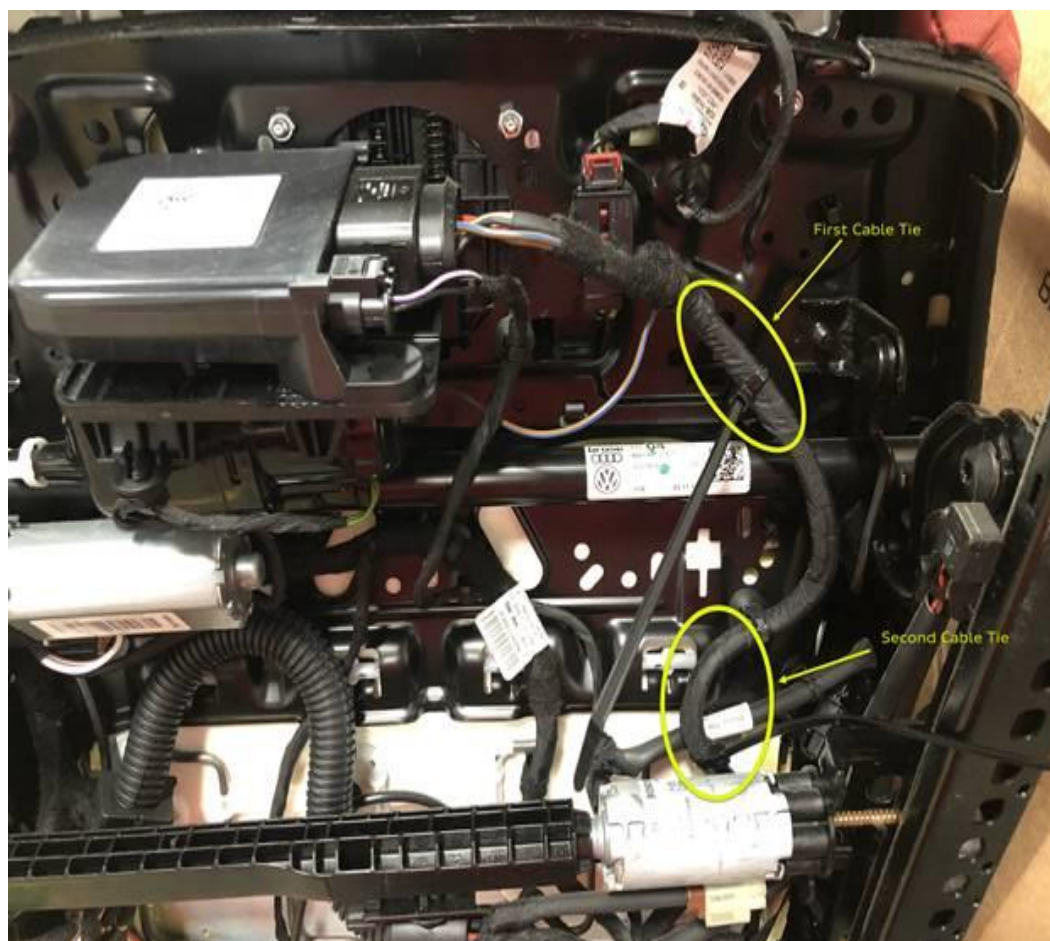


Figure 1. Positions of the cable ties.



Technical Service Bulletin

 **Note:**

You are not going to secure the harness to any part of the seat with the cable ties, you are only applying the cable ties to the harness to apply clamping force to the harness and shielding. **DO NOT ATTACH THE HARNESS TO THE SEAT FRAME.**

2. You will attach the first cable tie in the yellow marked area on the harness between the cable tie clip and the crossbar tube as shown below (Figure 2).



Figure 2. Attach the first cable tie in the yellow area.

3. The second cable tie position is to the rear of the crossbar tube where the harness drops down from the frame. Place the cable tie in the yellow marked area shown below (Figure 3).



Technical Service Bulletin



Figure 3. Attach the second cable tie to the yellow marked area.

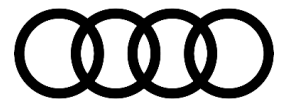


Note:

When tightening the cable ties, only tighten them with your hands, do not use any tools to tighten the cable tie as this can damage the harness. Check that the cable ties cannot be rotated on the harness by hand, to ensure that proper tension is achieved. Then cut off the excess length from the tie wrap.

4. Once you have the cable ties properly secured and installed, return the seat to the original position and clear the faults stored in the system.

Q5



Technical Service Bulletin

1. To apply the cable ties, the seat does not need to be removed. You will need to move the lateral seat adjustment all the way to rearmost adjustment limit and the vertical height adjustment all the way to the upper adjustment limit.

Once the seat is adjusted to the above-mentioned position, you will see the need to attach the cable tie at two points on the harness as shown (Figure 4-6).

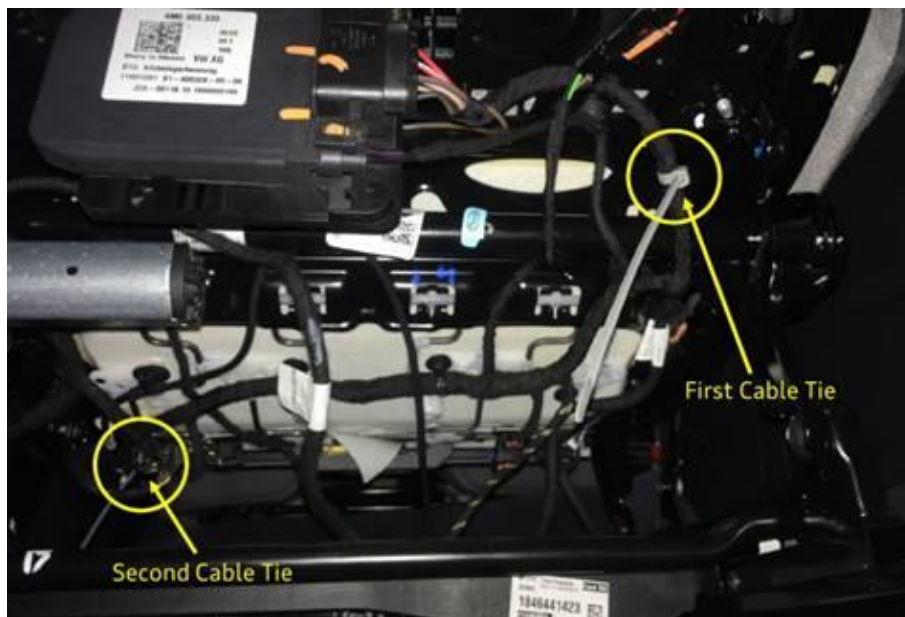


Figure 4. Positions of the cable ties (front to back).

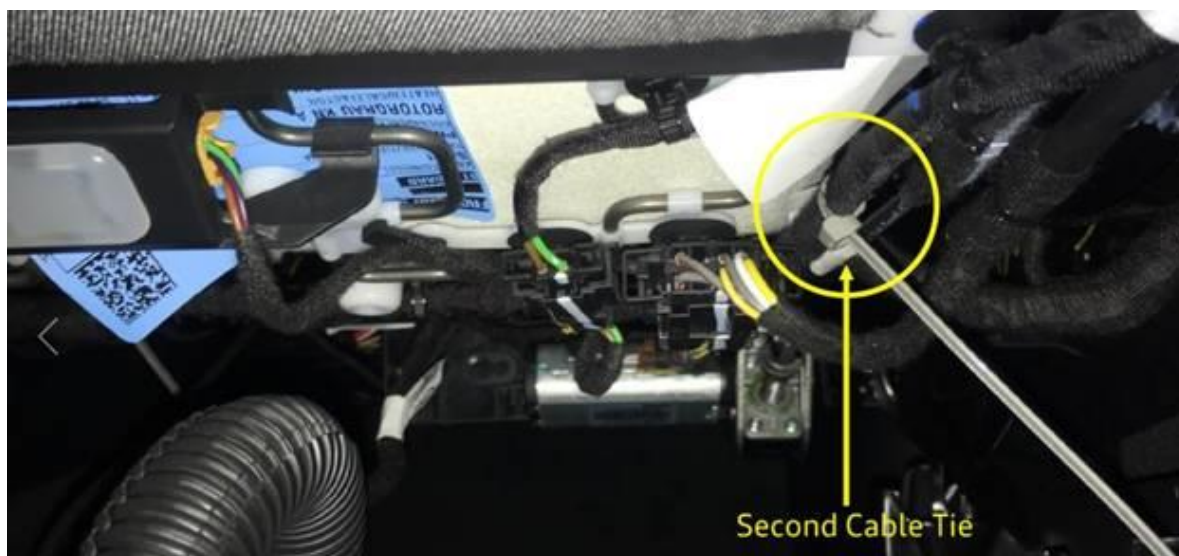
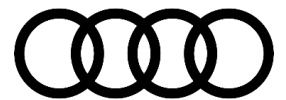


Figure 5. Positions of the cable ties (back to front).



Technical Service Bulletin



Note:

You are not going to secure the harness to any part of the seat with the cable ties, you are only applying the cable ties to the harness to apply clamping force to the harness and shielding. DO NOT ATTACH THE HARNESS TO THE SEAT FRAME.

2. You will attach the first cable tie in the yellow marked area on the harness between the cable tie clip and the crossbar tube (Figure 2).
3. The second cable tie position is to the rear of the black 8-pin connector (T8m) for the backrest and lumbar adjustment and in front of the harness push pin (Figure 6).

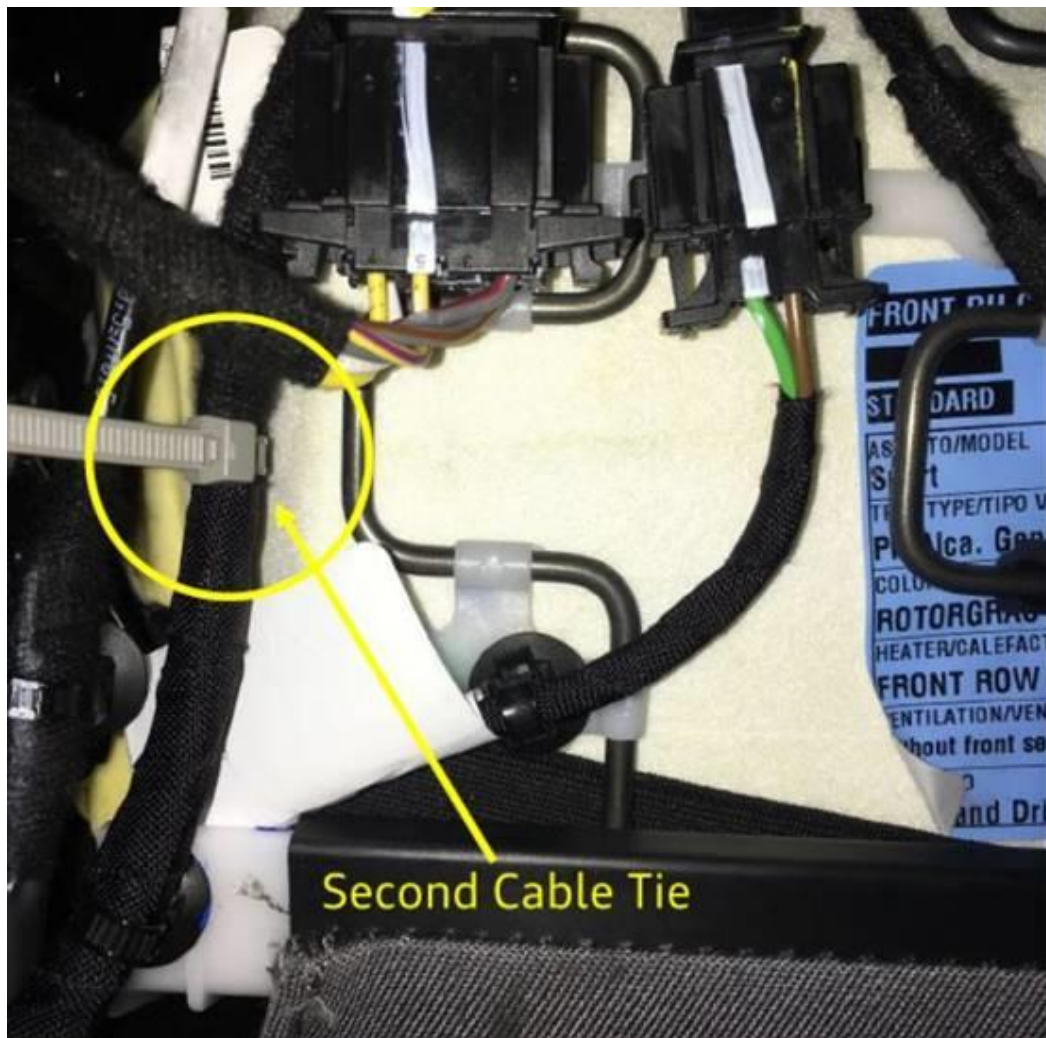


Figure 6. Position of second cable tie behind the 8-pin connector.



Technical Service Bulletin



Note:

When tightening the cable ties, only tighten them with your hands, do not use any tools to tighten the cable tie as this can damage the harness. Check that the cable ties cannot be rotated on the harness by hand, to ensure that proper tension is achieved. Then cut off the excess length from the tie wrap.

- Once you have the cable ties properly secured and installed, return the seat to the original position and clear the faults stored in the system.

Warranty

Claim Type:	<ul style="list-style-type: none"> 110 up to 48 Months/50,000 Miles. G10 for CPO Covered Vehicles – Verify Owner. If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	7210		
Damage Code:	0018		
Labor Operations:	Seat Wiring Harness Repair	7210 9999	25 TU
Diagnostic Time:	GFF – Checking and clearing fault codes	0150 0000	20 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2051242/5		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
N 90937702	Cable strap	02
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA



Technical Service Bulletin

Additional Information

All parts and service references provided in this TSB (2051242) are subject to change and/or removal.

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