

# Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	1995 - 2008	All	All	All	All

## Condition

64 08 01 Mar. 18, 2008 2010637 Supersedes T.B. Group 64 number 06-09 dated September 21, 2006 due to updated model years.

Heated Rear Window, One or More Lines Are Inoperative

One or more lines of the heated rear window -Z1- (rear window defogger) are inoperative.

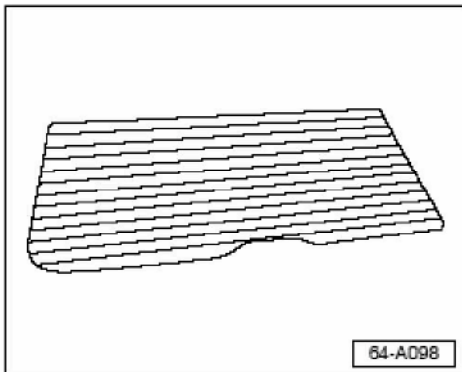
## Technical Background

May be caused by small gaps in the individual lines of the heating element.

## Production Solution

No production change required.

## Service



Check and identify gaps in inoperative lines as follows:

- Ignition switch ON, engine running.
- Heated rear window switch ON.

Heated rear window, identifying gaps

Detect which line is inoperative by touching your hand to each line.

- Working lines will be warm to the touch.
- Damaged line(s) will not generate heat.

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Once damaged line is identified:

- Switch ignition and heated rear window OFF.
- Visually locate gap (open circuit)
- Mark this location with tape and continue to check other lines as necessary.

With gap(s) in line(s) identified, repair as follows:

Heated Rear Window line, repairing using Repair kit by Permatex®, ITEM 09117 (obtain locally)



**Note:**

Repair should be performed on maximum of 4 lines.

The following are general instructions. Always read and follow the instructions of the product:

- Ignition and heated rear window switches OFF.
- Clean interior surface of rear window with glass cleaner.
- Using transparent tape, place a strip of tape (approx. 25mm) horizontally on the top and bottom of the inoperative line(s) at the gap (do not cover the line or the gap with tape)
- Shake the bottle of Permatex® well.
- Apply Permatex® product (using a small brush) over the damage, extend repair approx. 6mm beyond the break in both directions.
- Wait until product is dry (approx. 30 seconds).
- Repeat application three times.
- Remove tape after 30 minutes.
- Wait 24 hours before switching the heated rear window ON.

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## Warranty

**!** Note:

Lines damaged by outside influence are not covered by the New Vehicle Limited Warranty.

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
All	1995 - 2008	All	All	All	All
Claim Type:		Use applicable Claim Type <sup>1)</sup>			
SAGA Coding					
Service Number:	Damage Code	Damage Location (Depends on Service No.)	Parts Manufacturer (removed part)		
6489	0015	Use applicable when indicated in ElsaWeb (L/R)	--- <sup>2)</sup>		
Labor Operation <sup>3)</sup> :		64894199 = 40 TU			
Diagnostic Time <sup>4)</sup>					
GFF Time expenditure		01500000 = XX TU max.		NO	
Road Test		01210002 & 01210004		NO	
Technical Diagnosis		0132xxxx = XX TU max.		NO	
Claim Comment: Input "As per Technical Bulletin 2010637" in comment section of Warranty Claim.					
<sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only <sup>2)</sup> Code per warranty vendor code policy. <sup>3)</sup> Labor Time Units (TUs) are subject to change with Elsa updates. <sup>4)</sup> Documentation required per Warranty Policy & Procedures Manual.					



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## Required Parts and Tools

Description	Part No:	Quantity
Repair kit by Permatex®	ITEM 09117	1

No Special Tools required.

## Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.