



Technical Bulletin

Model	Year(s)	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Beetle	2012-2017	All	All	All	All
Beetle Convertible	2013-2017	All	All	All	All
Eos	2007-2016	All	All	All	All
CC	2009-2017	All	All	All	All

Condition

64 16 02 October 13, 2016 **2040673** Supersedes Technical Bulletin V641502 dated November 9, 2015 to include model year 2017 Beetle, Beetle Convertible and CC applicability.

Door(s) May be Difficult to Open or Close from the Outside in Freezing Temperatures

In low ambient temperatures (below 32°F/0°C) the door(s) may be difficult to open/close from the outside.

! **Note:**

DO NOT replace components **before** performing the repair procedure as explained in this bulletin.

Technical Background

During high humidity/snow conditions with outside temperatures below freezing (below 32°F/0°C) the outer window slot seal can freeze to the door window glass (figure 1). This prevents proper operation of the door window “short drop” function which may cause the door to be difficult to open/close.



Figure 1



Technical Bulletin

Production Solution

No production change required.

Service



Note:

Replacement of the window slot seal will not resolve the concern. Follow the steps outlined below to apply a lubricant and hydrophobic coating to help prevent the seal from freezing to the window glass.

Step 1: Apply lubricant to the felt-coated lip of the outer window shaft strip/slot seal.

Step 2: Seal the window glass using sealant kit (hydrophobic coating).

1. Apply lubricant to the felt-coated lip of the outer window shaft strip/slot seal:

- Remove the front door trim panel; see Repair Manual Group 70 in Elsa.
- Remove the exterior rear view mirror; see Repair Manual Group 66 in Elsa.
- Remove the outer window shaft strip/slot seal; see Repair Manual Group 57 (or 64 depending on vehicle) in Elsa.
- Rub in/treat the felt-coated lip of the window shaft strip (figure 2, red outline) with lubricant (part number D 000 810 M1, figure 3).



Figure 2



Technical Bulletin

! **Note:**

Follow the instructions included with the lubricant.



Figure 3

- Dry the lubricant according to the instructions.

2. Seal the window glass using sealant kit (hydrophobic coating):

! **Note:**

The hydrophobic coating is only approved for door windows.

The hydrophobic coating has a long service life and can be reapplied once the coating wears off.

Inform the customer that ice scrapers and chemical defrosters can have a negative effect on the coating.



Technical Bulletin

 **Tip:**

If sealant kit (hydrophobic coating) is applied to the door window it is easier for the frozen humidity/snow to break loose.

 **Note:**

Observe the safety and handling instructions included with the sealant kit (part number D 096 330 A2).

- With the door open and the window in the closed position, deactivate the short drop function of the window by manually closing the catch in the door latch (figure 4).

 **Note:**

The short drop function must be deactivated to completely coat the window with the sealant.



Figure 4 (Manually close the catch in the door latch)

- Clean the window with a commercially available glass cleaner. Ensure there is no dirt, grease or adhesive residue left on the window glass.



Technical Bulletin

- Thoroughly rub the outside of the window with the cleaning cloth that is included in the sealant kit (part number D 096 330 A2) (figure 5).



Figure 5 (sufficient treatment of the window with cleaning cloth)



Note:

The red circle in figure 6 illustrates an insufficient treatment of the window with the cleaning cloth.



Figure 6 (insufficient treatment of window with cleaning cloth)



Technical Bulletin

- Completely remove the residue of the cleaning solution with water and a sponge.
- Dry the window with paper towel.



Note:

At this point the **window must not be touched** as grease and oil residue from hands, gloves, towels or tools will decrease the effectiveness of the hydrophobic coating.

- Place the applicator from the sealant kit on the window.
- Open the applicator by squeezing the tabs.
- Use horizontal and vertical strokes to coat the window with the solution (figure 7).



Note:

Ensure the contact area of the outer window shaft strip is sufficiently treated/coated (figure 7).



Figure 7

- Let the applied solution dry for 2 minutes.
- Polish the window with paper towels to remove any residue.



Technical Bulletin

- Install the outer window shaft strip/slot seal; see Repair Manual Group 57 (or 64 depending on vehicle) in Elsa.
- Install the exterior rear view mirror; see Repair Manual Group 66 in Elsa.
- Install the front door trim panel; see Repair Manual Group 70 in Elsa.

Warranty

Information only.

Required Parts and Tools

Part No:	Part Description	Quantity
D 000 810 M1	Lubricant	1
D 096 330 A2	Sealant Kit	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.

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2040673/2	10/XX/16	V6416XX	Include model year 2017 applicability.
2040673/1	11/9/15	V641502	Original publication.