



Technical Bulletin

Subject: Eliminating wind noises

Group: 50

Models(s): Passat 1995 m.y.

Number: 94-01

Date: October 20, 1994

File this Technical Bulletin in Repair Manual No.: W42 012 194 109

The following procedures address the most common complaints of excessive wind noise.

Before starting any repair procedure, isolate the area of complaint by conducting a test drive.

Use the procedures necessary to correct those areas identified during the test drive.

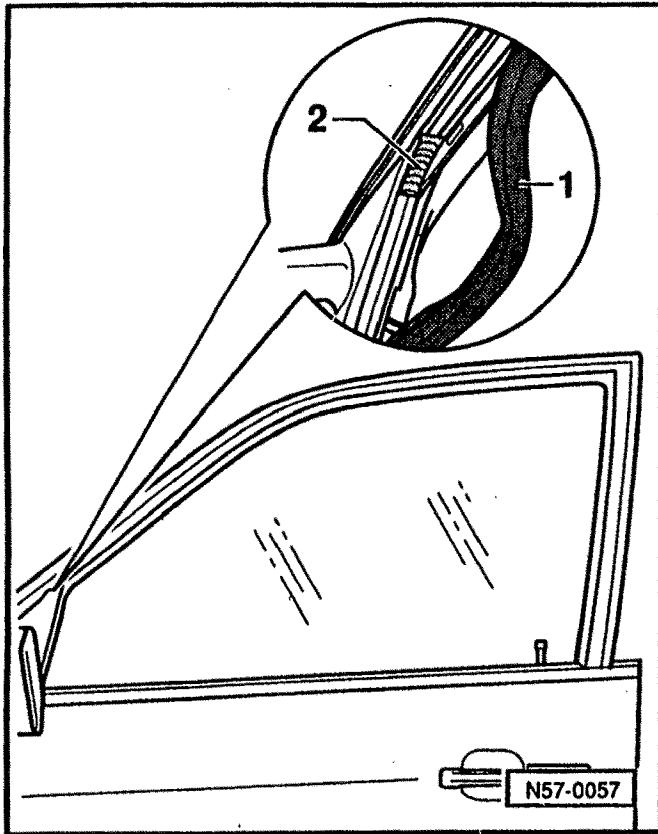
Contents	Page
Front doors at A-pillar	50-1
Front doors with power windows	50-2
Front doors at B-pillars	50-4
Doors – warped window guides	50-5
Doors – guides not opened out	50-5
Windshield – too high in opening	50-6
Windshield – gap between glass and frame	50-7
Roof antenna	50-7
"Howling" noise	50-8

Wind noises, eliminating

Front doors at A-pillar

Resonance can occur at the outer/lower window guide vulcanization point.

- Pull off cover in front corner of door frame.
- Pull off inner window guide -1-.
- Apply felt strip -2- (size 40 x 10 x 3 mm)
Part No. 533 863 288 A, to area indicated.



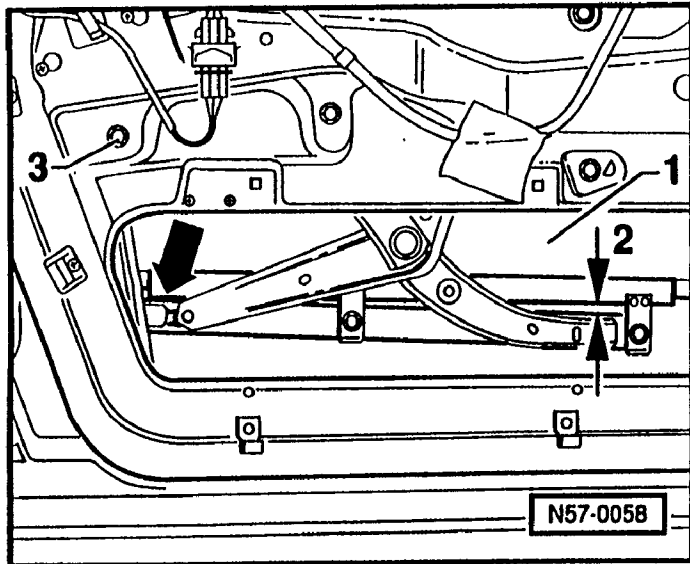
Caution!

Part numbers are for reference only. Always check with your Parts Department for the latest information.

Front doors with power windows

When the door windows are lowered, the door outer panel is pushed outward or the window slot seal is lifted up. The result is a roaring noise at the window slot.

Check the setting of the door window and adjust if necessary.

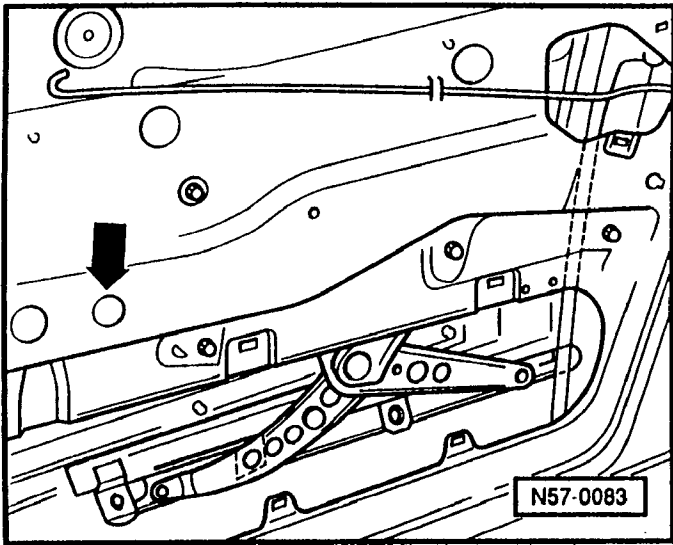


- Remove door trim panel and vapor barrier.
- Front of window -1- must be raised 2.0 mm from window regulator -2- and sit properly at the rear (arrow)
- Rear securing point -3- of lower guide rail must be set downward to the stop.
- Window must be aligned parallel to window guide.

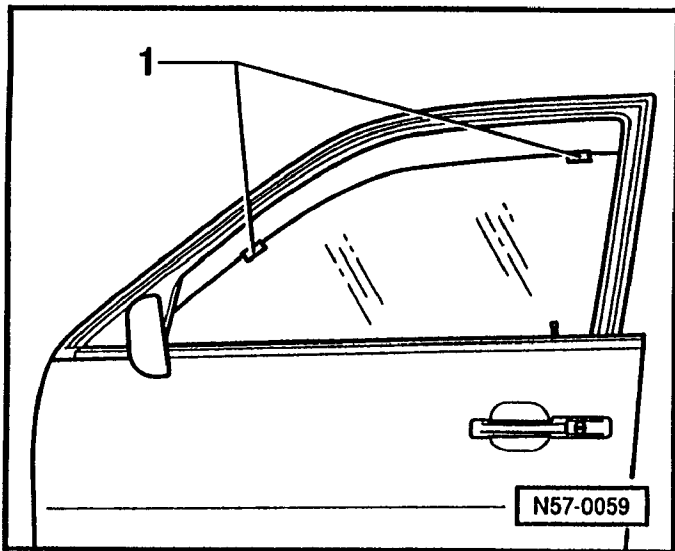
Note:

The window must not be tilted forward as it could then become derailed from the window guide.

Eccentric disc on window regulator, adjusting



- Set windows to half-open position.
- Loosen eccentric securing bolt slightly through assembly hole (arrow).

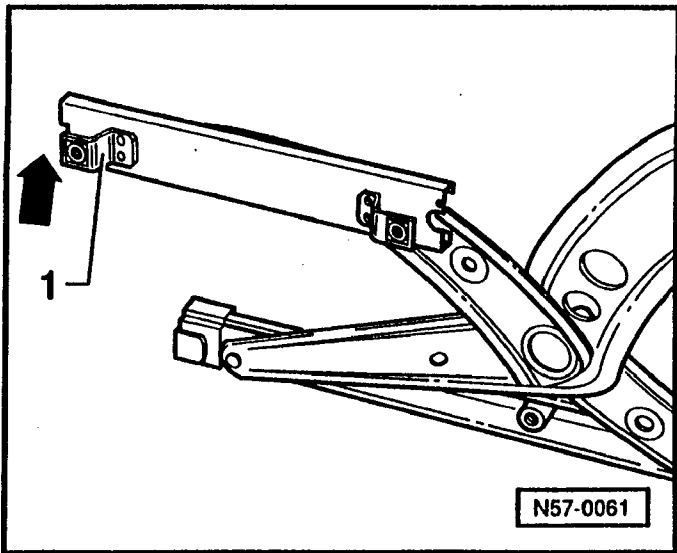
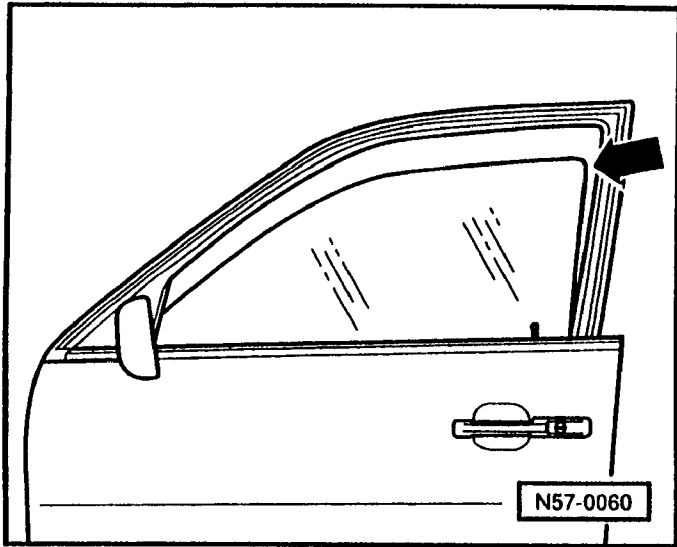


- Fabricate two spacers -1-, 7.0 mm high x 40 mm long, and secure onto window with adhesive tape at the prescribed positions.
- Raise window enough so spacers contact evenly in the window guide.
- Tighten eccentric securing bolt slightly.
- Turn eccentric disc to the right as far as the stop.
- Tighten securing bolt
 - Tightening torque: 10 Nm (7 ft lb)

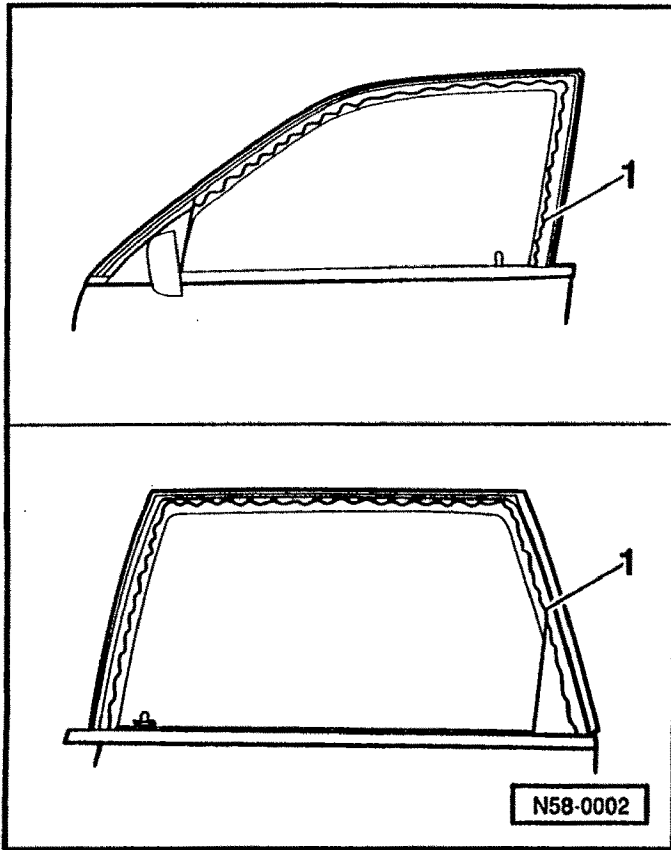
Front doors at B-pillars

The window is tilted forward resulting in an insufficient seal to the outer window guide at the B-pillar (arrow).

- Check setting of window as described under "Front doors with power windows" on page 50–2. Adjust window as necessary.
- If window cannot be adjusted as described, remove window regulator.



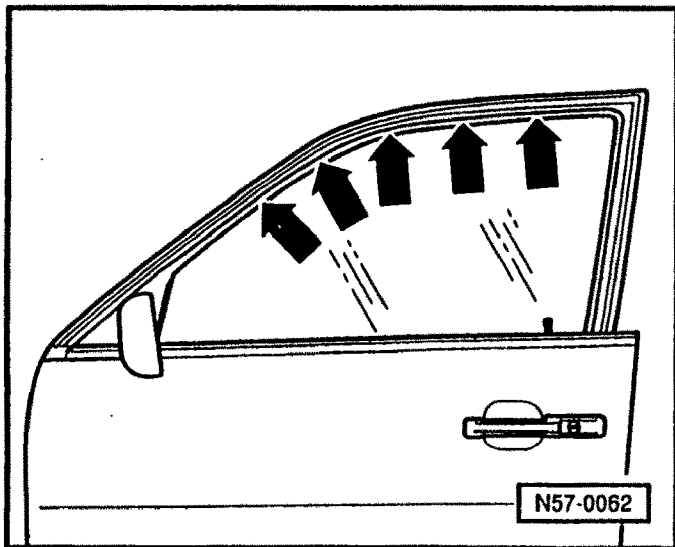
- Bend rear securing point -1- of the lower guide rail up about 1.0 mm.
- Reinstall window regulator and adjust window as necessary.



Doors – warped window guides

Loud airflow and resonance noises, especially at the B and C-pillars.

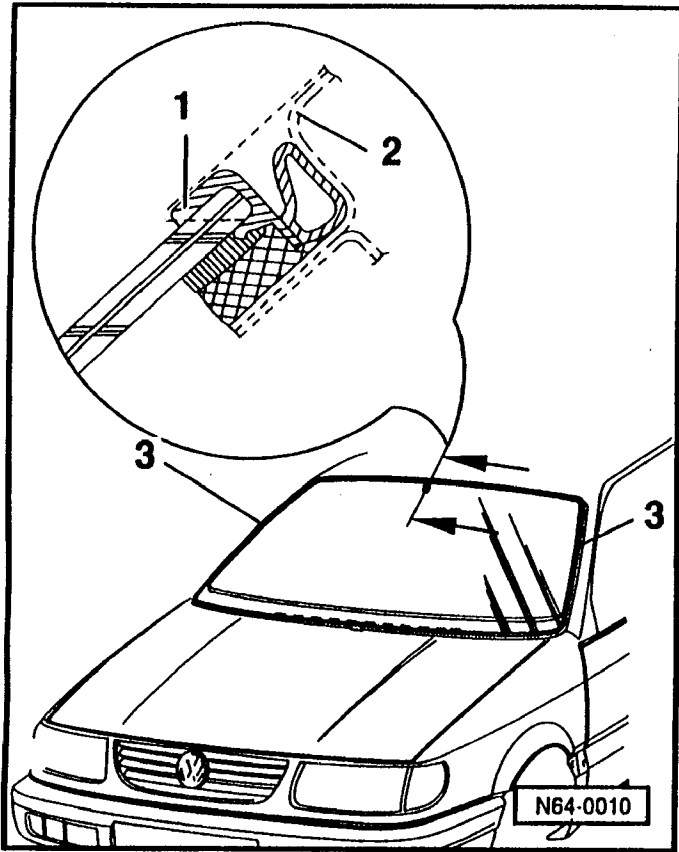
- Replace window guides -1-.



Doors – window guides not opened out

Window guides that are not sufficiently opened out can transmit noises due to gaps (arrows) between window and guide.

- Open out window guides evenly.



Windshield – too high in opening

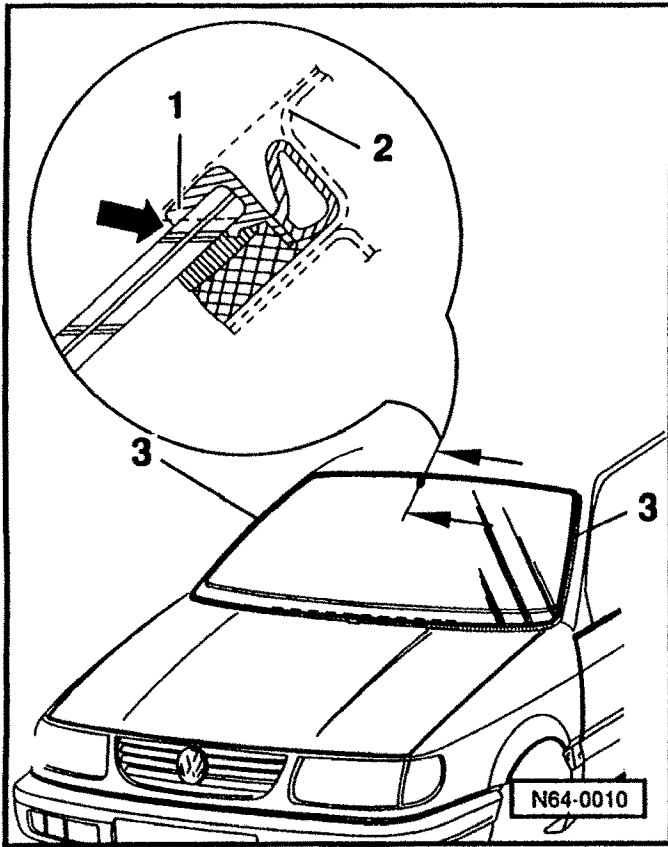
A windshield placed too high in the opening can cause loud airflow noises.

- Remove windshield.
- Install windshield and press in until frame -1- is flush with roof -2- and A-pillars -3-.

Windshield – gap between glass and frame

Loud roaring noises are produced if the windshield frame -1- is not evenly seated on the windshield glass.

- Seal gap (arrow) with sealant, Part No. D 001 007 or equivalent.



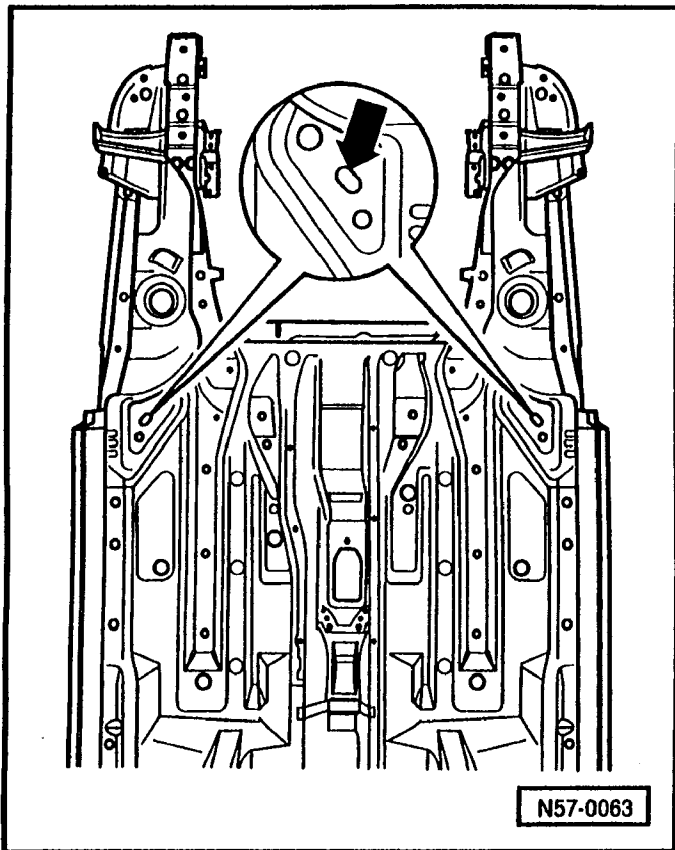
Roof antenna

The modified position of the foot of the antenna can result in increased airflow noise at the antenna rod.

- Replace antenna with Part No. 1H0 035 503 C.

Caution!

Part numbers are for reference only. Always check with your Parts Department for the latest information.



"Howling" wind noise

These noises start at approx. 50 mph (80 km/h) and are presumed to be coming from the area behind the rear doors.

- Replace missing oval plugs (arrow) in floor panel.
Part No. N 904 028 01.

Caution!

Part numbers are for reference only. Always check with your Parts Department for the latest information.