

[Back To Article](#)

CORROSION ON DOOR SEAL FLANGE

TECHNICAL SERVICE BULLETIN

Reference Number(s): SI M41 02 06, Date of Issue: January 23, 2007

MINI: R50, R52, R53 (Cooper, Cooper Convertible, Cooper S)

GROUP: Body

Superseded Bulletin(s): S.I. M41 02 06, Date of Issue: January 2007

SUBJECT

NOTE: This Service Information bulletin supersedes S.I. M41 02 06 dated January 2007.

Corrosion on Door Seal Flange

SITUATION

The customer may complain that they have noticed areas of corrosion under the door seal, on the horizontal door flange.

CAUSE

Water seeping under the door seal and collecting in this area may lead to corrosion in certain heat and humidity conditions.

CORRECTION

On a customer complaint basis, the recommended paint and body repair should be performed.

PROCEDURE

1. Verify the customers complaint by removing the lower part of the door seal (1) and inspecting the horizontal portion of the flange for corrosion.

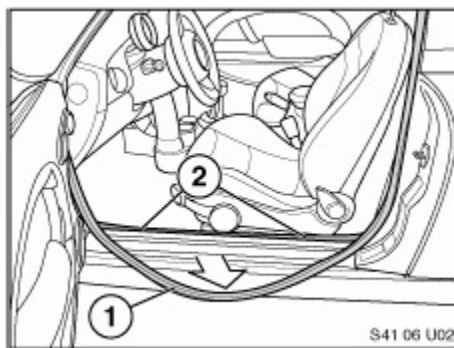


Fig. 1: Removing Lower Part Of Door Seal

2. Take clear digital photos of all affected areas. These photos must be retained for warranty and records purposes.

NOTE: The date stamp feature of the camera should be turned ON, so this date appears on the photo.

3. Heavy corrosion will require sanding and painting.

The following paint and body repair should be performed to the horizontal surface of the affected flange[s] only.

- a. Prepare the surface by cleaning with a solvent based cleaner.
- b. Paper the area surrounding the work area.
- c. Use an 80 grit Roloc Bristle Disk on the affected area.
- d. Sand the affected area with P180 grit paper followed by P220 and then P320 grit paper.
- e. Blow and tack off the area to be sprayed.
- f. Use etch primer or epoxy primer followed by primer surfacer after allowing the correct flash time.
- g. Lamp (IRT) the area for 5 - 10 minutes at 80° C.
- h. Sand and feather the edge primer surfacer with wet P800 grit sand paper.
- i. Blow and tack off the affected area.
- j. Apply BMW specified base coat.
- k. Apply BMW specified clear coat.
- l. Allow a flash time of 5 - 10 minutes.
- m. Lamp (IRT) the affected area for 25 - 30 minutes at 60°C.
- n. Re-install the door seal.

WARRANTY INFORMATION

Covered under the terms of the MINI Rust Perforation Limited Warranty.

Defect Code: 41 35 00 75 00

NOTE:

- **The aforementioned paint and body repair may be claimed under the same defect code and charged to Sublet Code: 3.**
- **When performing the above noted paint and body repair under this bulletin only, market team approval is not required.**
- **A hard copy of the requested photos must be attached to the affected vehicle's repair order and retained with the vehicle's file.**
- **Failure to retain the requested photos could result in a delayed or refused warranty claim payment.**