

<b>S-TYPE</b>	Date <b>08/2000</b>	<b>S501-04</b>
<b>TECHNICAL BULLETIN</b>		

Subject <b>WIND NOISE FROM DOOR MIRRORS</b>	Model S-Type Year 1999 MY ON VIN LOO1082 ON
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**ISSUE: S501-04 WIND NOISE FROM DOOR MIRRORS**

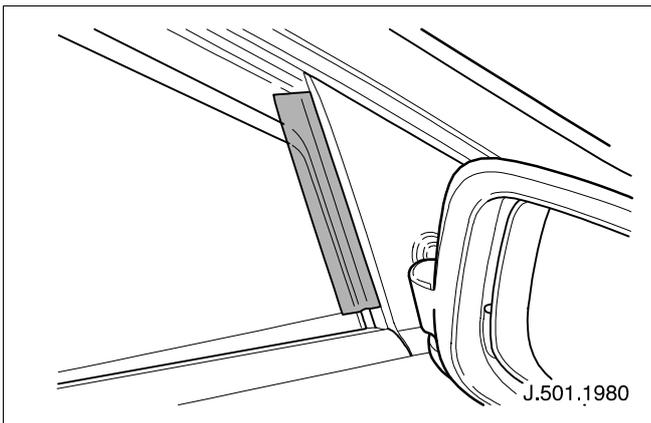
In the event of customer complaints of wind noise/whistling from the door mirror area, a procedure can be followed to identify the area of concern.

**ACTION:**

To determine the area that the wind noise/whistling is coming from, follow the procedures listed below.

**Weak glass seal contact – Front door**

To determine if there is a weak glass seal contact, follow the procedure below.



**Fig. 1**

- 1 Attach a piece of Tessa or Duck tape across the glass seal and side glass. (See Fig. 1)

**NOTE: The tape should follow the contours of the seal so as not to change the form.**

- 2 Re-appraise.

If there is no longer a noise emanating from the seal, a new glass seal is required.

**Rear edge fit to glass seal**

This particular wind noise can be identified by applying tape across the mirror base rear edge to the side glass. The tape should follow the contour of the parts so as not to change the form.

The test should be conducted as follows:

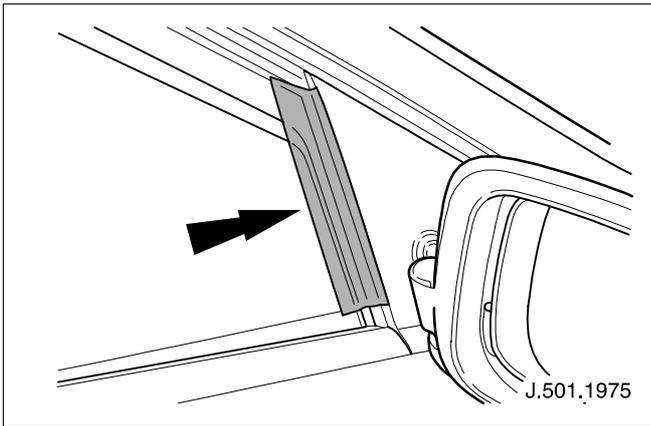


Fig. 2

- 1 Fully tape the rear edge of the mirror base. (See Fig. 2)

- 2 Re-appraise.

If the noise is eliminated investigate further and continue with the procedure below.

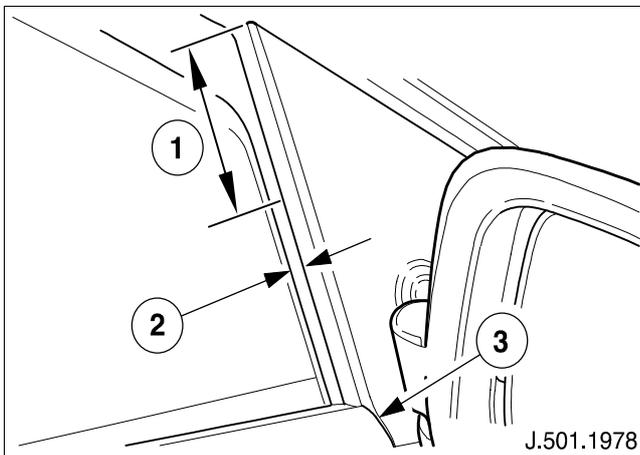


Fig. 3

The rear edge of the mirror base should fit approximately 0.5mm away from the glass seal along the 50mm length (1). The thickness of visible glass seal along the rear edge should be approximately 4-5mm wide (2).

The mirror base should sit evenly on top of the waist finisher along the length of the flip seal (3). (See Fig 3)

If this is not the case then follow the procedures below:

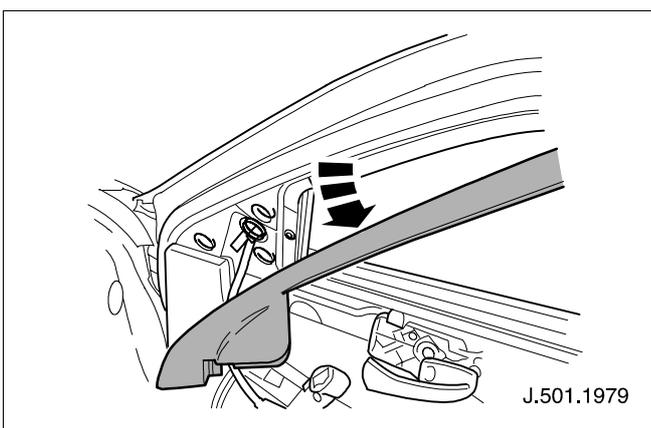


Fig. 4

- 1 Remove the door casing and the garnish trim (see Fig. 4). (See Workshop Manual (JTIS CD ROM) section 501-05)

- 2 Remove the door mirror assembly. (See Workshop Manual (JTIS CD ROM) section 501-09)

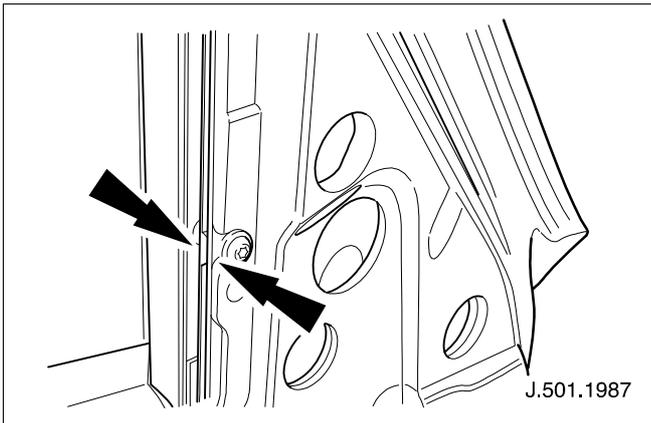


Fig. 5

- 3 Check that the rear of the guide leg upper fixing boss is level with the guide leg BIW flange rear edge (see Fig. 5) and ensure that the glass seal shot molding is fitted as per Appendix 1.

4 Push down the waist finisher as required.

5 Re-adjust the flip seal ensuring even contact along the mirror base.

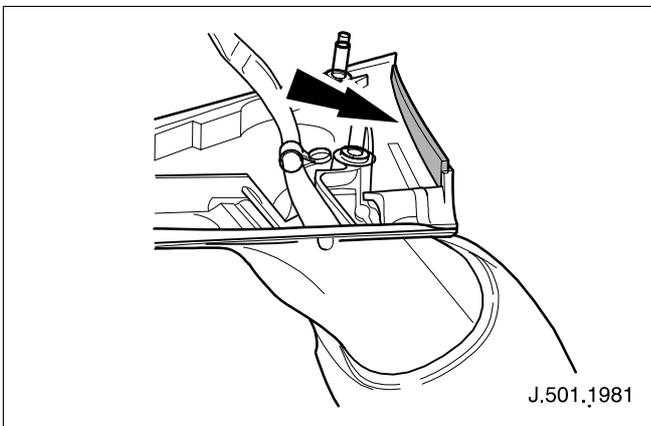


Fig. 6

- 6 Fit the foam strip (depending upon hand) to inner edge of the mirror base. (See Fig. 6)

**NOTE: See the section entitled 'PARTS INFORMATION' for the foam strip part numbers.**

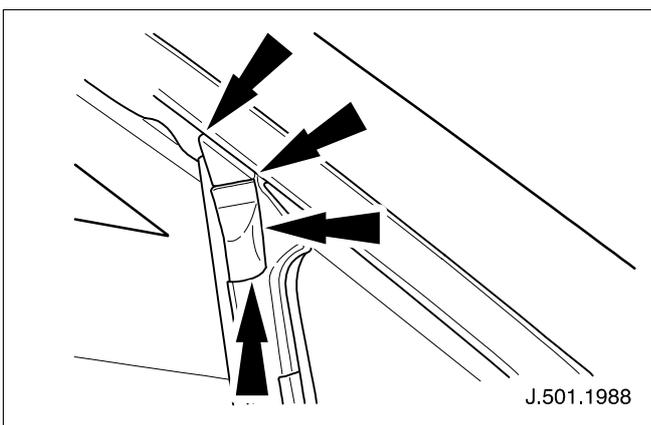
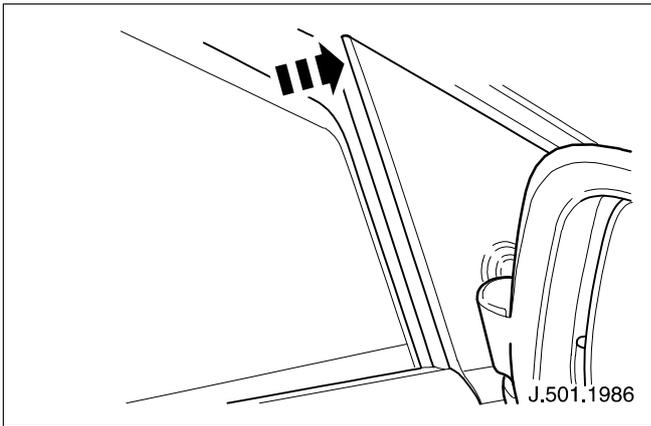


Fig. 7

- 7 Using a suitable silicone sealant, seal around the areas indicated by the arrows shown in Fig. 7, filling all the joints and holes.

**NOTE: When sealing the areas shown in Fig. 7 ensure the sealant will not be visible when the mirror assembly has been re-fitted.**



**Fig. 8**

- 8 Refit the mirror assembly ensuring the mirror base upper corner is forward (See Fig. 8) and the fixing stud contacts the BIW. (See Workshop Manual, JTIS CD ROM, section 501-09)

- 9 Re-assess the mirror base fit to the glass seal. (Check against the dimensions shown in Fig. 3)  
 10 Re-appraise.

### PARTS INFORMATION

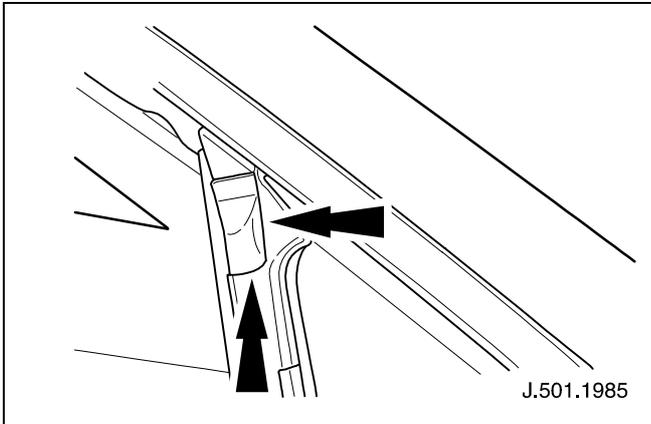
Part Description	Part Number
RH Foam strip	XR8 16535
LH Foam strip	XR8 16536

### WARRANTY INFORMATION

Description	SRO	Labor time allowance (hours)
Exterior mirror	76 10 52	0.45

**Appendix 1****Glass seal fit to guide leg**

The shot molding must be flush, with no gaps, in the areas indicated by the arrows shown in Fig. 1.

**Fig. 1**