Wind Noise – Check Door Mirror Gaps – Repair Procedure

MODEL 2000 MY-ON S-TYPE

VIN L00001-ON

Issue:
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.

1. Attach a piece of tape across the glass seal and side glass. (Illustration 1).

> **Note:** The tape should follow the contours of the seal so as not to change the shape.

TAPING TO CHECK SEAL CONTACT

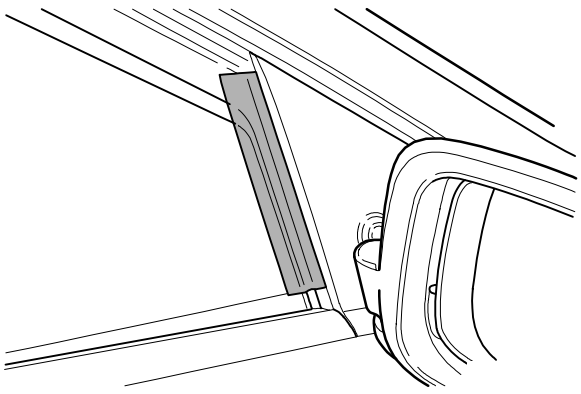


ILLUSTRATION 1

2. Test drive the vehicle and evaluate. If there is no longer a noise coming from the seal, a new glass seal is required.

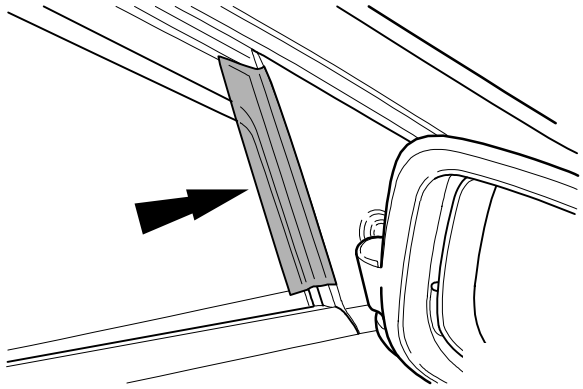
REAR EDGE FIT TO GLASS SEAL

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

Conduct the test as follows:

1. Fully tape the rear edge of the mirror base (Illustration 2)

TAPING TO CHECK REAR EDGE FIT



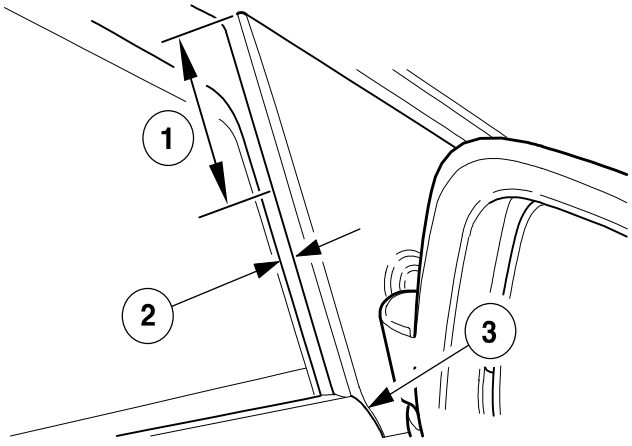
MJ.501.1975

ILLUSTRATION 2

2. Test drive the vehicle and evaluate. If the noise is eliminated investigate further and continue with the procedure below.

The rear edge of the mirror base should fit approximately 0.5 mm away from the glass seal along the 50 mm length (**1, Illustration 3**). The thickness of visible glass seal along the rear edge should be approximately 4-5 mm wide (**2**). The mirror base should sit evenly on top of the waist finisher along the length of the flip seal (**3**).

SEAL TO MIRROR ALIGNMENT



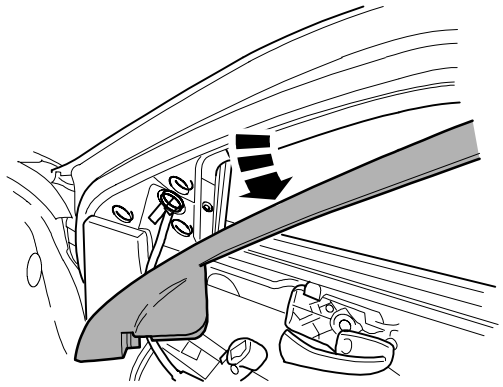
MJ.501.1978

ILLUSTRATION 3

If not, follow the procedures below:

1. Remove the door casing and the garnish trim (see Illustration 4). (See Workshop Manual (JTIS CD ROM) section 501-05, SRO 76.13.31).

REMOVING DOOR CASING

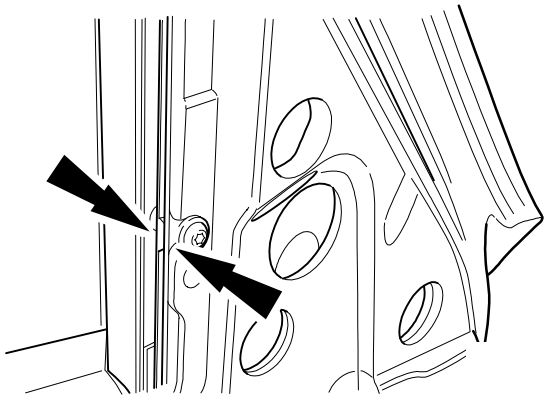


MJ.501.1979

ILLUSTRATION 4

2. Remove the door mirror assembly. (See Workshop Manual (JTIS CD ROM) section 501-09, SRO 76.10.52).

ALIGNMENT OF BOSS TO REAR EDGE OF FLANGE

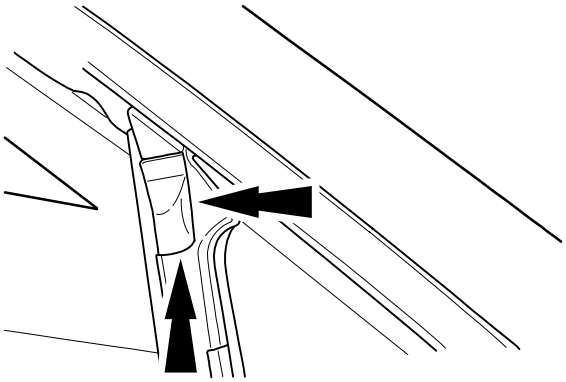


MJ.501.1987

ILLUSTRATION 5

3. Check that the rear of the upper mounting boss of the guide leg is flush with the rear edge of the body flange of the guide leg (see Illustration 5).

AREA OF SHOT MOLDING TO CHECK FOR GAPS



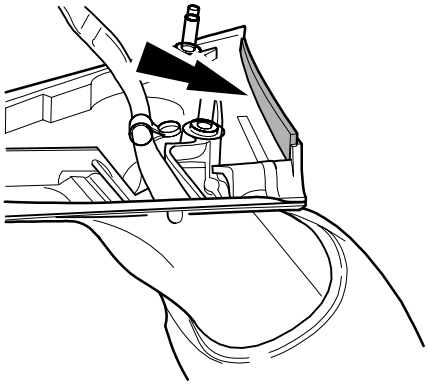
MJ.501.1985

ILLUSTRATION 6

The shot molding must be flush, with no gaps, in the areas indicated by the arrows shown in Illustration 6.

4. Push down the waist finisher as required.
5. Readjust the flip seal ensuring even contact along the mirror base.

APPLYING FOAM STRIP TO MIRROR BASE



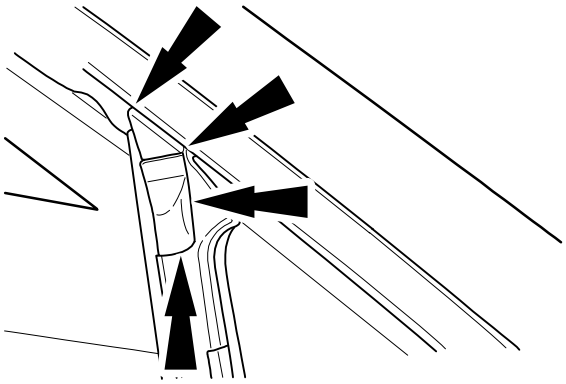
MJ.501.1981

ILLUSTRATION 7

6. Fit the appropriate foam strip to inner edge of the mirror base. (See Illustration 7)

Note: Refer to Parts Information for the right and left side foam strip part numbers.

AREA TO BE SEALED USING SILICONE SEALER



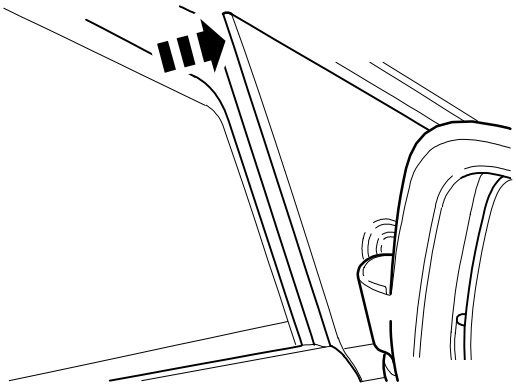
MJ.501.1988

ILLUSTRATION 8

7. Using a suitable silicone sealant, seal around the areas indicated by the arrows shown in Illustration 8, filling all the joints and holes.

> **Note:** When sealing the areas shown in Illustration 8, ensure the sealant will not be visible when the mirror assembly has been re-installed.

AREA TO BE SEALED USING SILICONE SEALER



MJ.501.1986

ILLUSTRATION 9

8. Reinstall the mirror assembly ensuring the mirror base upper corner is forward (See Illustration 9) and the fixing stud contacts the body. (See Workshop Manual, JTIS CD ROM, section 501-09, SRO 76.10.52).
9. Reassess the fit of the mirror base to the glass seal. (Check against the dimensions shown in Illustration 3).
10. Evaluate.

Parts Information:

DESCRIPTION	PART NUMBER
RH Foam strip	XR8 16535
LH Foam strip	XR8 16536

Warranty Information:

FAULT CODE	R.O. NUMBER	DESCRIPTION	TIME ALLOWANCE
WH BB **	76.10.52	Exterior mirror - wind noise repair	0.45 hrs.
WH DB **			