



Wind Noise From Door Glass

(Supersedes 91-012, dated February 2, 1992)

SYMPTOM

Wind noise coming from the area of the front door glass or mirror.

PROBABLE CAUSES **NEW**

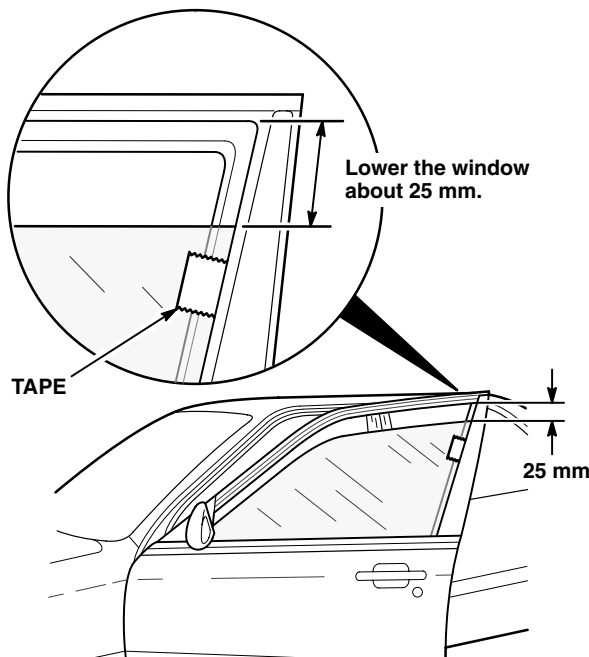
- The door glass is out of adjustment.
- The glass run channel is distorted or damaged.
- Air is leaking around the electrical connector for the door mirror.

CORRECTIVE ACTION **NEW**

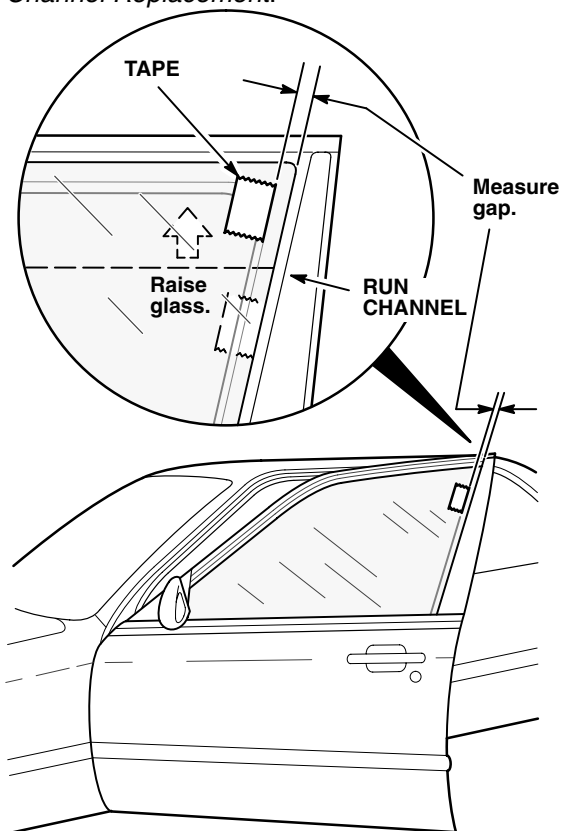
- Inspect the door glass alignment, and adjust it if necessary.
- Inspect the run channel for distortion or damage, and replace it if necessary.
- Seal the door mirror electrical connector.

Door Glass Alignment Inspection and Adjustment

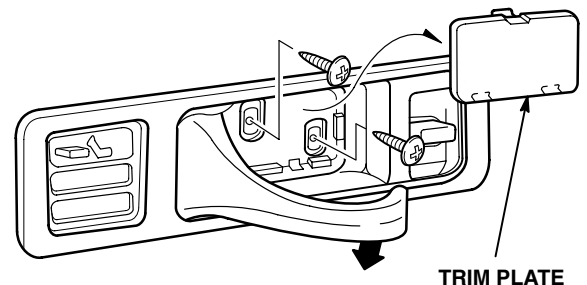
1. Lower the window about 25 mm. Place a piece of masking tape along the rear edge of the glass against the lip of the run channel.



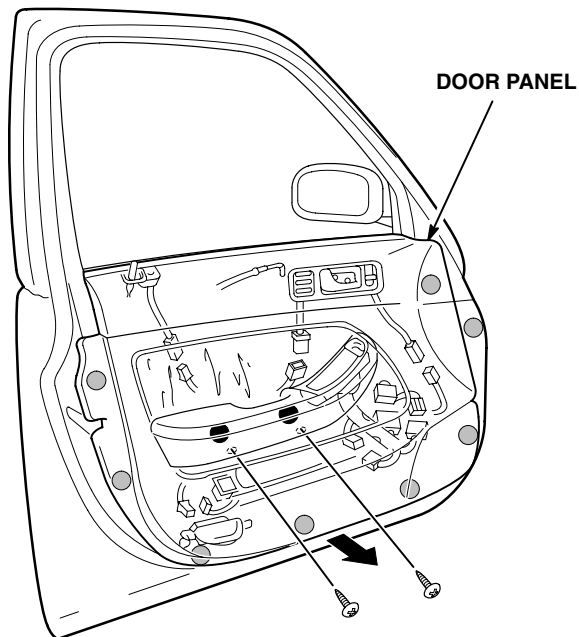
2. Raise the glass fully. Measure the gap between the tape and the run channel lip.
 - If the gap is greater than 2 mm, continue with Step 3.
 - If the gap is less than 2 mm, go to *Glass Run Channel Replacement*.



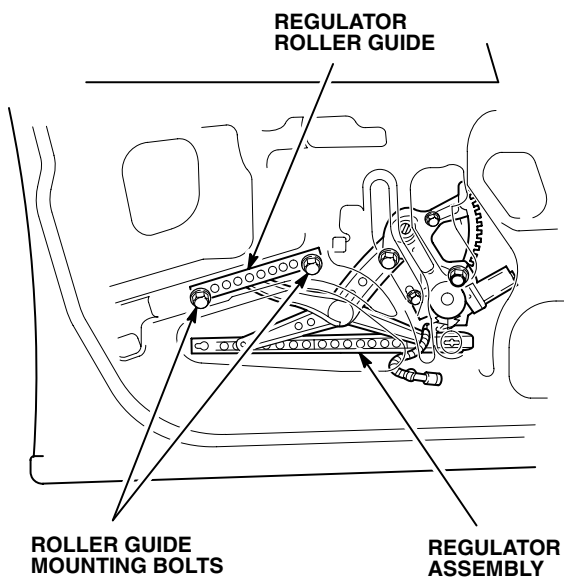
3. Remove the trim plate and the two mounting screws from the inside door handle.



- Remove the two mounting screws and the armrest. Unclip the mounting clips along the lower part of the door. Leave the upper part of the door panel attached.



- Use a razor blade to cut the adhesive along the lower edge of the plastic cover. Peel back the lower edge so you can access the roller guide mounting bolts.
- Inspect the position of the two roller guide mounting bolts.
 - If the mounting bolts are not bottomed in their slots, continue with step 7.
 - If the mounting bolts are bottomed in their slots, go to *Glass Run Channel Replacement*.

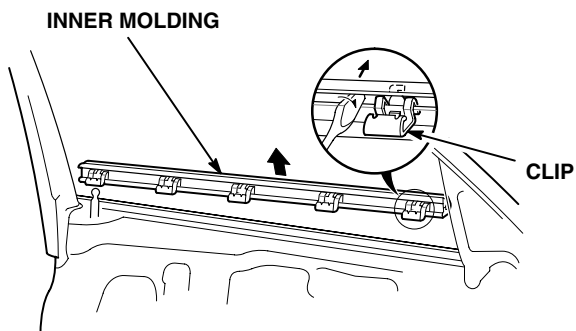


- Lower the glass about 25 mm. Loosen both roller guide mounting bolts. Pull the rear bolt down until it bottoms in the slot, then tighten both bolts to 8 N·m (0.8 kg-m, 5.8 lb-ft). If you cannot get the bolts to bottom in their slots, apply downward pressure to the bolt as you lower the glass.
- Raise and lower the glass several times to check for free movement. Then repeat steps 1 and 2.
 - If the gap is now less than 2 mm, continue with step 9.
 - If the gap is still greater than 2 mm, go to *Glass Run Channel Replacement*.
- Test drive the car.
 - If the wind noise has disappeared, reinstall the plastic cover, door panel, and all remaining parts.
 - If the wind noise is still present, go to *Glass Run Channel Replacement*.

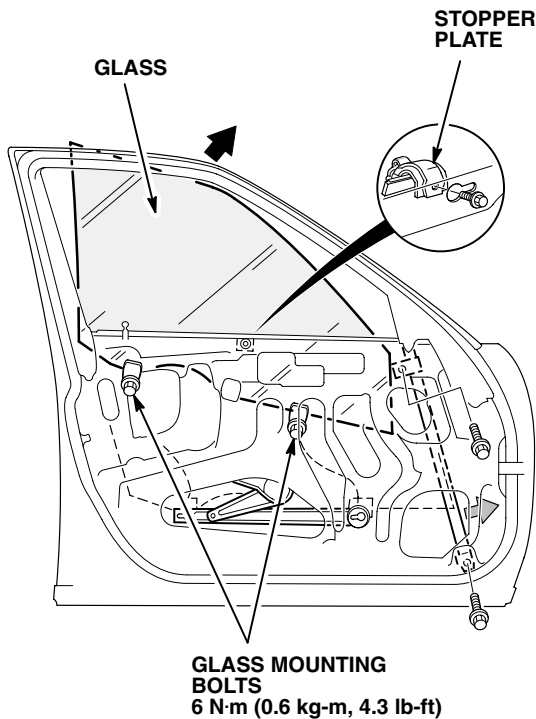
Glass Run Channel Replacement

Inspect the glass run channel for distortion or damage. While test driving the car, use a stethoscope to listen for air leaks. Replace the run channel if it is damaged, or if it leaks air and the glass is adjusted properly.

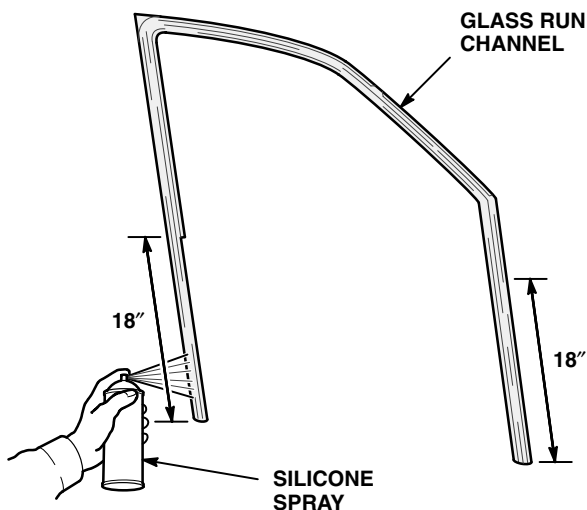
- Remove the door panel. Use a razor blade to cut the adhesive for the plastic cover. Remove the plastic cover.
- Remove the inner molding.
 - Remove the door panel. Use a razor blade to cut the adhesive for the plastic cover. Remove the plastic cover.
 - Remove the inner molding.



- Remove the stopper plate. Loosen the glass mounting bolts, slide the guide toward the rear, and remove the glass.



- Remove the glass run channel.
- Lubricate the lower eighteen inches of the new glass run channel, outside edges only, with a silicone spray. Slide the glass run channel into the front and rear channels until it is properly positioned.



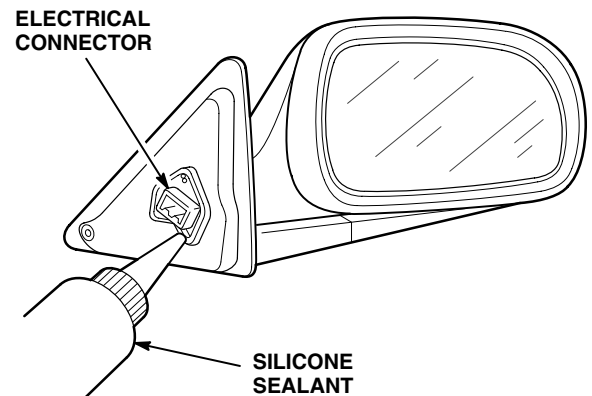
- Install the run channel in the upper part of the door frame. Make sure it is seated properly along its full length, especially in the area of the mirror.

- Reinstall the glass. Adjust the glass roller guide as shown in step 7 of *Door Glass Alignment Inspection and Adjustment*.
- Reinstall the stopper plate, inner molding, plastic cover, and door panel.
- Test drive the car. If the wind noise still seems excessive, compare it to a similar vehicle. If this comparison shows that the wind noise is excessive, replace the glass run channel again.

Door Mirror Sealing

Remove the inner cover panel, test drive the car, and use a stethoscope to listen for an air leak around the mirror electrical connector. If you find an air leak, seal the electrical connector with silicone sealant.

- Apply silicone sealant around the edge of the electrical connector to seal it to the mirror frame.



- Allow the sealant to dry for several minutes. Test drive the car to verify that the air leak is sealed.
- Reinstall the inner cover panel.

PARTS INFORMATION NEW

Left run channel: P/N 72275-SP0-013
Right run channel: P/N 72235-SP0-013

WARRANTY CLAIM INFORMATION NEW

In warranty: The normal warranty applies.

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Technical Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

Door Glass Alignment Inspection and Adjustment

Operation number: 826310 – Left door
827310 – Right door

Flat rate time: 0.9 hour per door

Failed P/N: 73350-SP0-A00

Defect code: 056

Contention code: B07

Glass Run Channel Replacement

Operation number: 826133 – Left door
827133 – Right door

Flat rate time: 1.3 hours per door

Failed P/N: 72235-SP0-003

Defect code: 056

Contention code: B07

Door Mirror Sealing

Operation number: 820705

Flat rate time: 0.7 hour per door

Failed P/N: 76250-SP0-A01

Defect code: 056

Contention code: B07