

# Sunroof

## Troubleshooting

Symptom	Probable Cause
Water leak	<ol style="list-style-type: none"> <li>1. Clogged drain tube.</li> <li>2. Gap between glass weatherstrip and roof panel.</li> <li>3. Defective or improperly installed glass weatherstrip.</li> <li>4. Gap between drain seal and roof panel.</li> </ol>
Wind leak, noise	<ol style="list-style-type: none"> <li>1. Excessive clearance between glass weatherstrip and roof panel.</li> </ol>
Deflector noise	<ol style="list-style-type: none"> <li>1. Improper clearance between deflector seal and frame seal.</li> <li>2. Insufficient deflector extension.</li> <li>3. Deformed deflector.</li> </ol>
Motor noise	<ol style="list-style-type: none"> <li>1. Loose motor.</li> <li>2. Worn gear or bearing.</li> <li>3. Outer cable deformed.</li> </ol>
Sliding glass does not move, but motor turns	<ol style="list-style-type: none"> <li>1. Clutch out of adjustment.</li> <li>2. Foreign matter stuck between guide rail and slider.</li> <li>3. Inner cable loose.</li> <li>4. Outer cable not attached properly.</li> </ol>
Sliding glass does not move and motor does not turn (Sliding glass can be moved with sunroof wrench)	<ol style="list-style-type: none"> <li>1. Blown fuse.</li> <li>2. Faulty switch.</li> <li>3. Battery run down.</li> <li>4. Defective motor.</li> <li>5. Wrong operation of relay.</li> </ol>

## Rear Edge Closing Adjustment

Open the glass about a foot, then close it to check where rear edge begins to rise. If it rises too soon and seats too tightly against the roof panel, or too late and does not seat tightly enough, adjust it.

1. Open the glass fully.
2. Remove the rail covers from both sides, and loosen the lift-up guide nuts.
3. Move the lift-up guides and link stopper forward or backward, then tighten nuts and recheck roof closing.

The guides have pitches of 1.5 mm (0.06 in) each and can be adjusted 2 pitches forward or backward.

4. If necessary, lower the rear of the headliner and remove the motor, then adjust the inner cables (location of sliders) until they are parallel.

