

# Moonroof

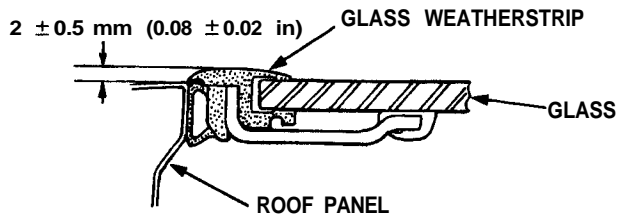
## Troubleshooting

Symptom	Probable Cause
Water leaks	<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 frame seal and roof panel.</li> </ol>
Wind noise	<ol style="list-style-type: none"> <li>1. Excessive clearance between glass weatherstrip and roof panel.</li> </ol>
Motor noise	<ol style="list-style-type: none"> <li>1. Loose motor.</li> <li>2. Worn gear or bearing.</li> <li>3. Cable assembly deformed.</li> </ol>
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 cable slider.</li> <li>3. Inner cable loose.</li> <li>4. Outer cable not attached properly.</li> </ol>
Glass does not move and motor does not turn (glass can be moved with moonroof 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. Faulty relay.</li> </ol>

## Glass Height Adjustment

The roof panel should be even with the glass weatherstrip, to within  $2 \pm 0.5$  mm ( $0.08 \pm 0.02$  in) all the way around.

If not, open the glass fully, and:



1. Pry plug out of the bracket cover, remove the screw, then slide the bracket cover off to the rear.
2. Loosen the mounting nuts and install the shims between the glass and glass bracket as shown.

**Shim thickness: Max. 2 mm (0.08 in)**

3. Repeat on opposite side if necessary.

