## DIAGNOSTICS

Entry of water into compartment	<ol> <li>Check roof panel and sunroof panel for improper or poor sealing.</li> <li>Check drain tube for clogging.</li> <li>Check sunroof frame seal and body for improper fit.</li> </ol>
Booming noise	<ul> <li>① Check roof panel and roof panel for improper clearance.</li> <li>② Check sunroof trim and roof trim for improper clearance.</li> </ul>
Abnormal motor noise	<ol> <li>Check motor for looseness.</li> <li>Check gears and bearings for wear.</li> <li>Check cable for wear.</li> <li>Check cable pipe for deformities.</li> </ol>
Failure of sunroof to operate (Motor operates properly.)	<ol> <li>Check guide rail for foreign particles.</li> <li>Check guide rail for improper installation.</li> <li>Check parts for mutual interference.</li> <li>Check cable slider for improper clinching.</li> <li>Check cable for improper installation.</li> <li>Check clutch adjustment nut for improper tightness.</li> </ol>
Motor does not rotate or rotates improperly. (Use sunroof wrench to check operation.)	<ol> <li>Check fuse for blowout.</li> <li>Check switch for improper function.</li> <li>Check motor for incorrect terminal voltage.</li> <li>Check relay for improper operation.</li> <li>Check poor grounding system.</li> <li>Check cords for discontinuity and terminals for poor connections.</li> <li>Check limit switch for improper operation.</li> </ol>

## 1. Sunroof