

# Sunroof Control System

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

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## 2. Sunroof Control System

### A: WIRING DIAGRAM

#### 1. SUNROOF

<Ref. to WI-160, WIRING DIAGRAM, Sunroof Control System.>

### B: INSPECTION

Symptom	Inspection order
Water leakage	<ol style="list-style-type: none"><li>1. Check roof panel and sunroof lid for improper or poor sealing.</li><li>2. Check drain tube for clogging.</li><li>3. Check sunroof frame seal and body for improper fit.</li></ol>
Wind noise	<ol style="list-style-type: none"><li>1. Check sunroof lid and roof panel for improper clearance.</li><li>2. Check sunshade and roof trim for improper clearance.</li></ol>
Abnormal motor noise	<ol style="list-style-type: none"><li>1. Check the motor mounting screws for looseness.</li><li>2. Check gears and bearings for wear.</li><li>3. Check cable for wear.</li><li>4. Check cable pipe for deformities.</li></ol>
Failure of sunroof (Motor operates properly.)	<ol style="list-style-type: none"><li>1. Check sunroof frame for foreign particles.</li><li>2. Check sunroof frame for improper installation.</li><li>3. Check parts for mutual interference.</li><li>4. Check cable slider for improper clinching.</li><li>5. Check cable for improper installation.</li><li>6. Check clutch adjusting nut for improper tightness.</li></ol>
Motor does not rotate or it rotates improperly.	<ol style="list-style-type: none"><li>1. Check fuse for blown out.</li><li>2. Check switch for improper function.</li><li>3. Check motor for incorrect terminal voltage.</li><li>4. Check the relay for improper operation.</li><li>5. Check poor grounding system.</li><li>6. Check harness for open or short and terminals for poor connections.</li><li>7. Check limit switch for improper operation.</li></ol>