

Sunroof Control System

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

2. Sunroof Control System

A: WIRING DIAGRAM

1. SUNROOF

<Ref. to WI-147, WIRING DIAGRAM, Sunroof Control System.>

B: INSPECTION

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