

SUNROOF CONTROL SYSTEM

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

2. Sunroof Control System

A: SCHEMATIC

1. SUNROOF

<Ref. to WI-166, SCHEMATIC, Sunroof System.>

B: INSPECTION

| Symptom | Checking order |
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| Water leaks. | (1) Check roof panel and sunroof lid for improper or poor sealing. (2) Check drain tube for clogging on bend. (3) Check sunroof frame seal and body for improper fit. |
| Booming noise | (1) Check sunroof lid and roof panel for improper clearance. (2) Check sunshade and roof trim for improper clearance. |
| Abnormal motor noise | (1) Check motor for looseness. (2) Check gears and bearings for wear. (3) Check cables for wear. (4) Check cable pipe for deformities. |
| Failure of sunroof (Motor operates properly.) | (1) Check guide rail for foreign particles. (2) Check guide rail 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 adjustment nut for improper tightness. |
| Motor does not rotate or rotates improperly. | (1) Check fuse for blow-out. (2) Check switch for improper function. (3) Check motor for incorrect terminal voltage. (4) Check 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. |