ON-VEHICLE INSPECTION

INSPECT SLIDING ROOF GLASS ALIGNMENT
(a) Start the engine and check the operation time of the sun roof.
Operation time: Approx. 8 secs.
(b) Check for abnormal noise or binding during operation.
(c) With the sun roof fully closed, check for water leakage.

If the sliding roof does not operate:
(a) Open the holder of the control switch cover.
(b) Using a special crank-shaped screwdriver, remove the large screw inside.
NOTICE: Be careful not to lose the spring washer or shim.
(c) Manually operate the sun roof by inserting a special crank-shaped screwdriver into the hole and turning the drive shaft.

ADJUSTMENT OF SLIDING ROOF

1. REMOVE INNER PANEL SIDE GARNISH
Before making adjustments, remove the inner panel side garnish.
HINT: After adjustment, reinstall the inner panel side garnish.

X DONT LEAVE ON PLASTIC AS IT WILL BREAK THE PLASTIC CLIP LUGS OFF.

2. TO ADJUST LEVEL DIFFERENCE
Adjust by increasing or decreasing the number of shims.
HINT: If the front of the sliding roof is high, even without a shoe shim, check to see if the front shoes are in contact with the stoppers.

3. TO ADJUST FORWARD OR REARWARD
Adjust by loosening the sliding roof installation bolts, and move the sliding roof front shoe forward and rearward.
HINT: When the sliding roof is fully closed, confirm that the front shoes are in contact with the stopper.

4. TO ADJUST RIGHT OR LEFT
Adjust by loosening the sliding roof rear shoe installation nuts, and move the sliding roof to the right and left.

5. TO ADJUST CLEARANCE
(Difference in left and right clearance)

If the difference is about 2 mm (0.08 in.):
(a) Remove the drive motor and shift the cable one notch on the side with the larger clearance.
(b) Reinstall the motor.

A - FRONT DRIVE CABLE - DRIVERS SIDE
B - REAR DRIVE CABLE - PASSENGER SIDE

If the difference is about 1 mm (0.04 in.):
Loosen the sliding roof rear shoe installation nuts and re-adjust the sliding roof to the proper position.
REMOVAL OF MOON ROOF
(See page BO-45)

1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL

2. REMOVE CONTROL SWITCH COVER
   Using a screwdriver between the retaining clips and switch cover to pry it loose.
   HINT: Tape the screwdriver tip before use.
   NOTICE: Do not damage the roof headlining.

3. REMOVE FOLLOWING PARTS:
   - Assist grip
   - Front pillar garnish
   - Sun visor and holder
   - Inner rear view mirror
   - Opening trim moulding

4. PULL DOWN FRONT SLIDE OF ROOF HEADLINING
   Pull down the headlining by hand
   NOTICE: Do not damage the roof headlining

5. REMOVE DRIVE MOTOR AND CONTROL SWITCH
   (a) Remove two bolts and the drive motor.
   (b) Disconnect the connector.
   (c) Remove two screws and the control switch.
   (d) Disconnect the connector.

6. REMOVE INNER PANEL SIDE GARNISH
   Using a screwdriver, pry loose three clips and remove the inner panel side garnish.
   HINT: Tape the screwdriver tip before use.

7. REMOVE SLIDING ROOF GLASS
   (a) Remove six nuts and shims.
   HINT: Be sure the number of shims.
   (b) Pull the glass upward to remove it.
8. REMOVE WIND DEFLECTOR
   Remove four screws and the wind deflector.

9. REMOVE GUIDE RAIL COVER
   (a) Pull down the front of roof headlining to make the clearance between the roof headlining and the roof.
   NOTICE: Do not damage the roof headlining.
   (b) Remove the bolt, the screw and the guide rail cover.

10. REMOVE CABLE GUIDE CASING
   (a) Remove four screws.
   (b) Apply adhesive tape to protect the body.
   (c) Pull the cable guide casing with the guide rail off in forward direction to remove two hooks, then remove the assembly.

DISASSEMBLY OF MOON ROOF
(See page BO-45)

1. REMOVE SUNSHADE TRIM
   (a) Remove two screws and the sunshade stoppers.
   (b) Pull out the sunshade trim rearward.

2. REMOVE CABLE GUIDE CASING FROM GUIDE RAIL
   (a) Remove two screws.
   (b) Pull the cable guide casing forward to remove.
   (c) Pull the drive cable from the cable guide casing.
ASSEMBLY OF MOON ROOF
(See page BO-45)

1. APPLY MP GREASE TO DRIVE CABLE
2. PLACE DRIVE CABLE INTO CABLE GUIDE CASING

3. INSTALL CABLE GUIDE CASING TO ROOF GUIDE RAIL
   (a) Insert the drive cable into the rail, and align it with the guide casing.
   (b) Install the guide rail and guide casing with two screws.
   (c) Use butyl tape to cover the cut portion of the weatherstrip at the connection between the guide casing and guide rail.

4. INSTALL SUNSHADE TRIM
   (a) Run the sunshade trim through the guide rail.
   (b) Install the sunshade stoppers with two screws.
INSTALLATION OF MOON ROOF
(See page BO-45)

1. INSTALL CABLE GUIDE CASING ONTO ROOF
   (a) Place the cable guide casing with the guide rail onto the roof.
   (b) Install four screws.

2. INSTALL GUIDE RAIL COVER
   (a) Apply liquid sealer to 2 or 3 threads of the bolt end.
   Sealant: Part No. 08833-00070, THREE BOND 1324, or equivalent
   (b) Install the guide rail cover with the bolt and the screw.
   NOTICE: Do not damage the roof headlining.

3. INSTALL WIND DEFLECTOR
   Install the wind deflector with four screws.

4. INSTALL SLIDING ROOF GLASS
   Install the sliding roof glass and shims with six nuts.

5. INSTALL INNER PANEL SIDE GARNISH
   Install the inner panel side garnish with retainers to the sliding roof glass by tapping.
6. INSTALL DRIVE MOTOR
   (a) Set the sliding roof glass is closed position by hand.
   HINT: Be sure that the clearance between the left and right of the sliding roof glass and roof panel are equal.
   (b) Connect the connectors.
   (c) Install the control switch with two screws.
   (d) Install the drive motor with two bolts.

7. INSTALL FOLLOWING PARTS:
   • Opening trim moulding
   • Inner rear view mirror
   • Sun visor and holder
   • Front pillar garnish
   • Assist grip
   • Control switch cover

8. CONNECT BATTERY CABLE TO NEGATIVE TERMINAL

9. INSPECT AND ADJUST MOON ROOF
   (See pages BO-46 and 47)