



Circuit Description

When the ignition switch is turned on, the sunroof can be tilted or slid to open it. It has a one-touch open/close function for opening or closing the sunroof with one switch operation. It also has an anti-pinch function which prevents objects from getting caught during closing.

• Open/Closing by Sliding or Tilting (Panorama Sunroof)

1. When pull back the sunroof lever, sunroof blind is open.
2. Sunroof Open (Switch No. 1 & 3): Pull back the lever.
3. Sunroof Close (Switch No. 1 & 4): Press the lever forward or down.
4. Sunroof Auto Open (Switch No. 1, 3, & 6): Pull back the lever to second click. To stop in the middle of opening, slightly push the lever or pull it.
5. Sunroof Auto Close (Switch No. 1, 4 & 6): Press forward the lever to second strong click to automatically close the sunroof. To stop in the middle of closing, slightly press the lever or pull it.
6. Sunroof Tilt Up (Switch No. 1 & 5): When the lever is pulled up while the sunroof is completely closed, the rear side of the sunroof is raised to open.
7. Sunroof Tilt Down (Switch No. 1 & 4): Press forward or down the lever to close the sunroof.

• Panorama Sunroof Switch Inspection

Check the continuity between terminals from each switch position as shown in the table below and renew it if it doesn't have continuity.

Position \ Terminal	1	3	4	5	6
Open (1st click)	○—○				
Open (2nd click)	○—○	○—○	○—○		○
Tilt up	○	○	○	○	
Tilt down	○	○	○		
Close (1st click)	○	○	○		
Close (2nd click)	○	○	○		○

• Panorama Sunroof Motor Inspection

Separate the sunroof connector and ground the terminal as shown in the following table to check if it is operating normally.

Position \ Terminal	3	5	10	4	9
Open (1st click)	⊕	⊖			
Open (2nd click)	⊕	⊖			⊖
Tilt up	⊕			⊖	
Tilt down	⊕		⊖		
Close (1st click)	⊕		⊖		
Close (2nd click)	⊕		⊖		⊖

Ground the terminals as below table, and check that the roller blind motor operates normally.

Position \ Terminal	6	1
Motor	⊕	⊖

• Resetting The Sunroof

Whenever the vehicle battery is disconnected or discharged, or related fuse is blown, you must reset your sunroof system as follows:

1. Turn the ignition switch to the ON position and close the sunroof glass and sunshade completely.
2. Release the control lever.
3. Push the sunroof control lever forward in the direction of close (about 10 seconds) until the sunroof is moved a little. Then, release the lever.
4. Push the sunroof control lever forward in the direction of close until the sunroof operates as follows;
 SUNSHADE OPEN → TILT OPEN → SLIDE OPEN → SLIDE CLOSE → SUNSHADE CLOSE
 Then, release the control lever. When this is complete, the sunroof system is reset.