

ADJUSTMENTS (Continued)

Sliding Panel

The sliding panel has controlled water leak at the seals. A properly adjusted glass panel should result in snug fit between the seal and the roof skin around the entire opening. The fit can be checked by using a feeler gauge set at 0.25mm (0.01 inch) between the seal and roof. If these specifications are not maintained, water will overflow the drain troughs and enter the module, running down into the passenger compartment when the vehicle is stopped abruptly. Also, increased wind noise could result if glass clearances are not kept to these specifications.

Wet Headlining — Sides

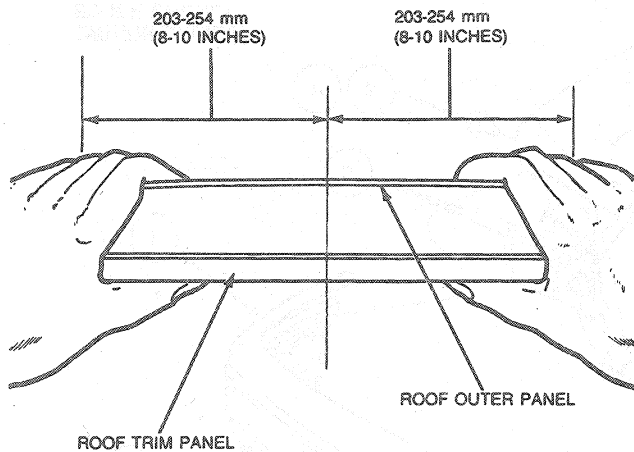
If water drips from the headlining above the door or quarter window, check to see if the drain tube(s) are disconnected from the module. Apply Weatherstrip Adhesive E8AZ-19552-A (ESB-M2G14-A) or equivalent, on drain tube nipple and insert drain hose.

Overcrowned Rear Roof Panel

If the roof panel is overcrowned to the contour of the sliding panel (at rear of sliding panel), this can cause wind noise or water leak conditions.

CAUTION: Excessive overbending could distort the roof panel, requiring costly metal finishing service. This procedure should be used only as a last resort.

Remove sliding panel from vehicle and carefully overbend the center of the roof panel by applying downward pressure.



Undercrowned Rear Roof Panel

A glass panel scratch can be caused by the rear of the roof panel being slightly undercrowned.

CAUTION: Excessive overbending could distort the roof panel, requiring costly metal finishing service. This procedure should be used only as a last resort.

Open the sliding panel assembly slightly and compare the contour of roof panel and glass panel. If the roof panel appears flattened in the center, and the glass scuffs on the underside of the roof panel, remove the sliding panel from the vehicle and arch the roof panel by pushing up on underside of roof panel to increase the roof panel arch.

Motor Synchronization (Timing)

If the moon roof motor is removed from the vehicle, it must always be checked for synchronization before it is installed. The motor is synchronized when the centerline of the gear, the centerline of the cam, and the hole in the cam are aligned. If the motor is not synchronized, remove the motor as outlined and adjust it as follows:

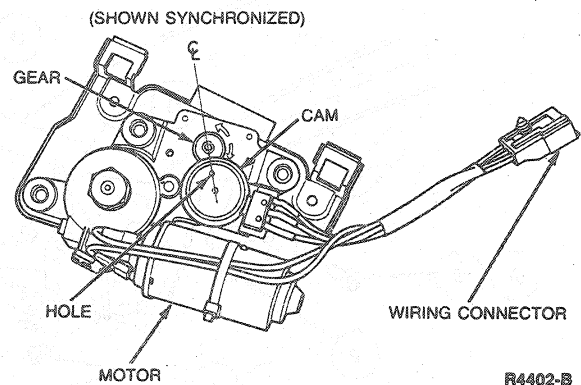
NOTE: The glass panel should be in the CLOSED position for synchronization.

1. Connect motor wiring connector to moon roof wiring connector.
2. Operate control switch to advance motor drive gear until the centerline of the gear, the centerline of the cam and the hole in the cam are aligned as shown.

3. Disconnect motor wiring connector from moon roof wiring connector.

NOTE: It may be necessary to rotate motor assembly slightly to engage drive splines when installing.

4. Ensure that the lifter arms and guidance ramps are aligned as shown. Connect the motor and install to roof panel.



SPECIFICATIONS

TORQUE SPECIFICATIONS

Description	N-m	Lb-in
Sunshade Retaining Screws	0.8-1.5	7-13
Track Retaining Screws	1.0-1.5	9-13
Motor and Bracket Screws	4-6	36-53