



- ◀ Remove mounting bolts (**arrows**) and lower sunroof drive motor.
 - Disconnect harness connector for drive motor.
 - Installation is reverse of removal, noting the following:
 - Mounting bolts for sunroof drive motor are microencapsulated and must always be replaced.
 - Tighten mounting bolts to specification.

Tightening torque

Sunroof drive motor to carrier unit	3.5 Nm (22 in-lb)
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- After installing drive motor, insert ignition key and perform a function test of sunroof operation.

Drive motor, setting to zero position

Adjustment of zero position may be necessary if drive motor was removed while not in zero position or if glass panel was closed or opened via emergency operation.

- Remove drive motor. See **Drive motor removing and installing** in this repair group. Keep electrical harness connector attached to drive motor.
- Move sunroof switch to:
 - Sunroof opened
 - Sunroof closed
 - Sunroof tilted
 - Sunroof closed
- Install drive motor in closed position (zero position).
 - Glass panel (sunroof) is closed.
- ◀ Drive motor is in zero position when a white dot can be seen through window (**arrow**) of drive motor.



Sunroof emergency closing

If current fails, the sunroof can be closed by using an Allen wrench stored in vehicle tool kit in trunk.

- Remove front courtesy light assembly and sunroof switch/control module. See **Drive motor, removing and installing** in this group.
- Position Allen wrench in bolt of drive motor.
- ◀ Push wrench upward to release drive motor.
 - Bolt can only be pushed upward a few millimeters.
- Close glass panel by manually rotating motor using Allen wrench.

