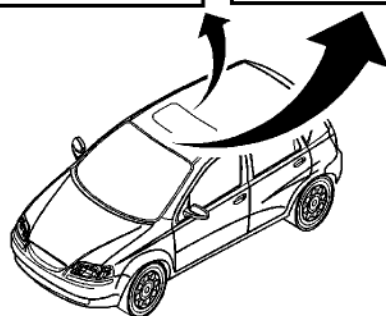
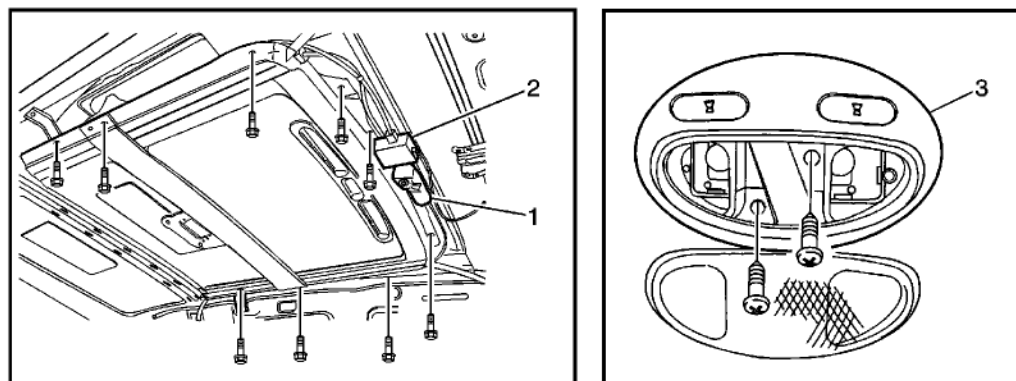


Fastener Tightening Specifications

Application	Specification	
	Metric	English
Interior Courtesy Lamp/Power Sunroof Control Switch Screws	4 N·m	35 lb in
Passenger Assist Handle Screws	3.5 N·m	31 lb in
Sun Visor Screws	1.5 N·m	13 lb in
Sun Visor Support Screw	1.5 N·m	13 lb in
Sunroof Glass Screws	7 N·m	62 lb in
Sunroof Housing Bolts	7 N·m	62 lb in
Sunroof Motor Screws	5 N·m	44 lb in
Upper/Center Seat Belt Bolts	38 N·m	28 lb ft

Sunroof Component Views

Sunroof Components

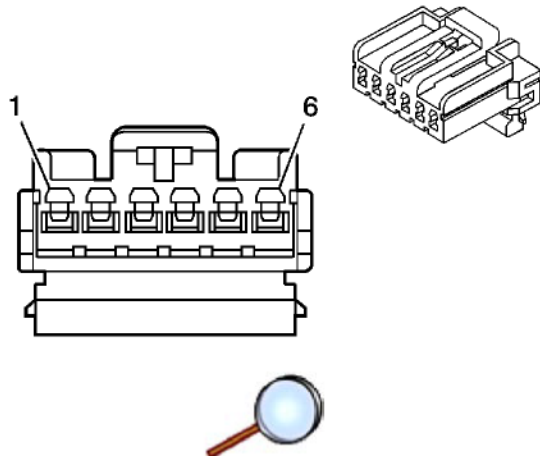


- (1) Sunroof Motor
- (2) Sunroof Module
- (3) Sunroof Switch/Dome Lamp

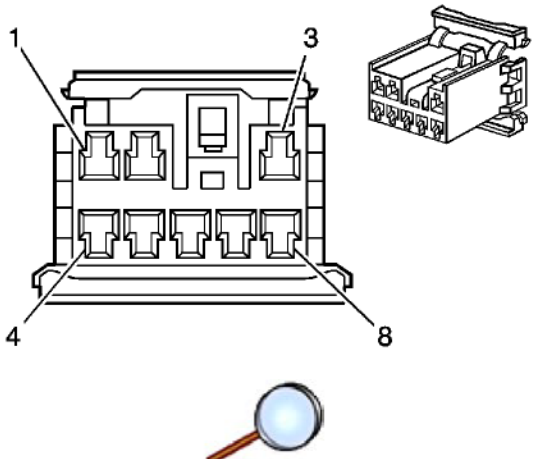
Sunroof Connector End Views (Notchback)

Table 1: [Sunroof Module](#)Table 2: [Sunroof Switch](#)

Sunroof Module

			
Connector Part Information		• AMP 174923 • 6-Way F 070 Multi-Lock Connector (WH)	
Pin	Wire	Circuit	Function
1	YE	--	Sunroof Down Signal
2	RD/WH	--	Ignition 3 Voltage
3	--	--	Not Used
4	BK	--	Ground
5	--	--	Not Used
6	BN	--	Sunroof Up Signal

Sunroof Switch

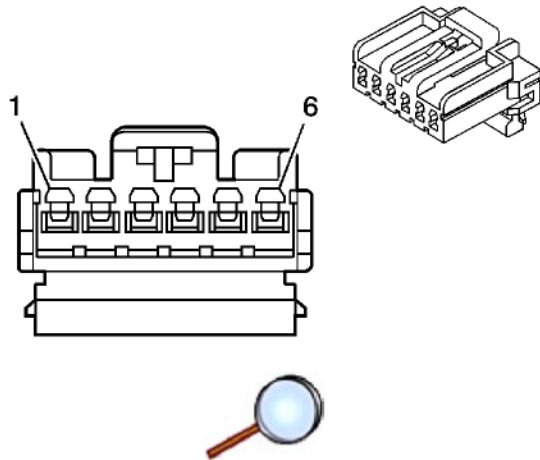
			
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Connector Part Information		• KET MG 610402 • 8-Way F Sealed Series (WH)	
Pin	Wire	Circuit	Function
1	BN	--	Sunroof Up Signal
2	YE	--	Sunroof Down Signal
3	BN	--	Ignition 2 Voltage
4	BK	--	Ground
5	GY	--	Dome Lamp Control
6	--	--	Not Used
7	RD/WH	--	Battery Voltage
8	--	--	Not Used

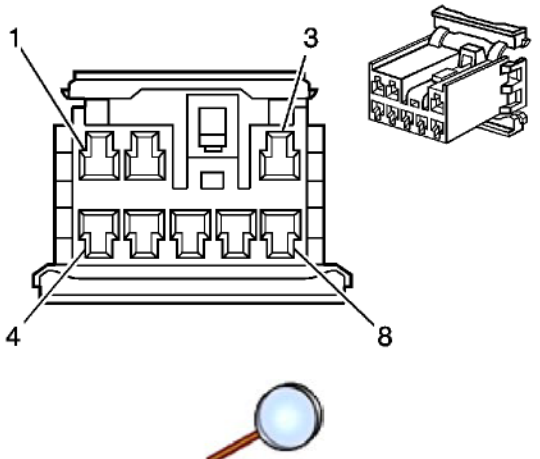
Sunroof Connector End Views (Hatchback)

Table 1: [Sunroof Module](#)Table 2: [Sunroof Switch](#)

Sunroof Module

			
Connector Part Information		• AMP 174923 • 6-Way F 070 Multi-Lock Connector (WH)	
Pin	Wire	Circuit	Function
1	RD	132	Sunroof Limit Switch Soft Stop Signal
2	--	--	Not Used
3	BN	741	Ignition 3 Voltage
4	BK	850	Ground
5	--	--	Not Used
6	YE	133	Sunroof Limit Switch Low Reference

Sunroof Switch

			
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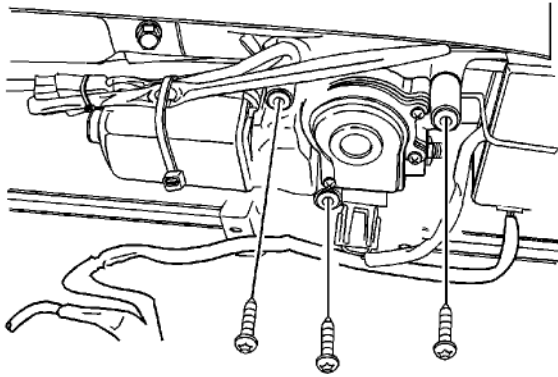
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Connector Part Information		• KET MG 610402 • 8-Way F Sealed Series (WH)	
Pin	Wire	Circuit	Function
1	YE	133	Sunroof Limit Switch Low Reference
2	RD	132	Sunroof Limit Switch Soft Stop Signal
3	RD	441	Ignition 3 Voltage
4	BK	850	Ground
5	WH	156	Courtesy Lamp Control
6	--	--	Not Used
7	BN	541	Ignition 3 Voltage
8	--	--	Not Used

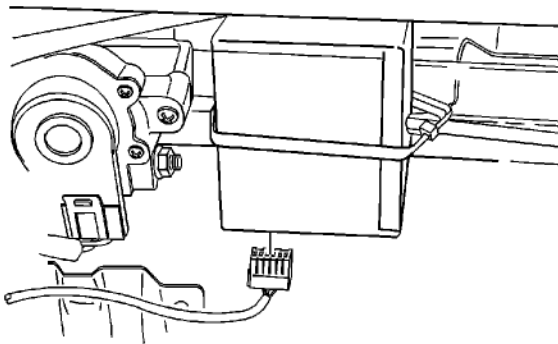
Sunroof Module Assembly Replacement

Removal Procedure

Caution: Refer to [Battery Disconnect Caution](#) in the Preface section.

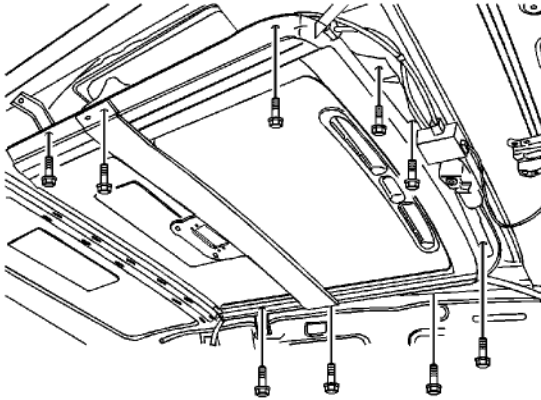


1. Disconnect the negative battery cable.
2. Remove the headliner. Refer to [Headlining Trim Panel Replacement](#) .
3. Remove the drain hoses.
4. Remove the strap.
5. Disconnect the electrical connector.
6. Remove the bolts and the motor.

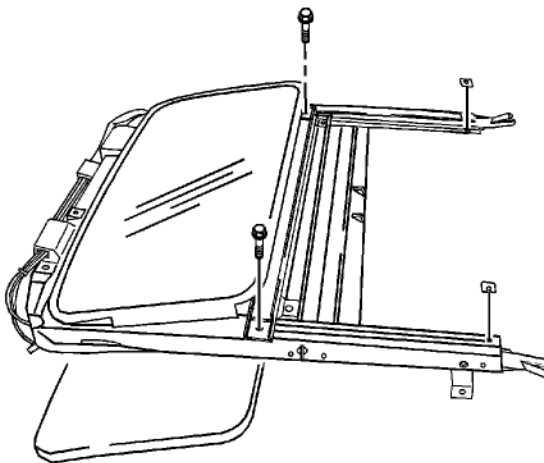




7. Disconnect the electrical connector.
8. Remove the strap.
9. Remove the motor control module.

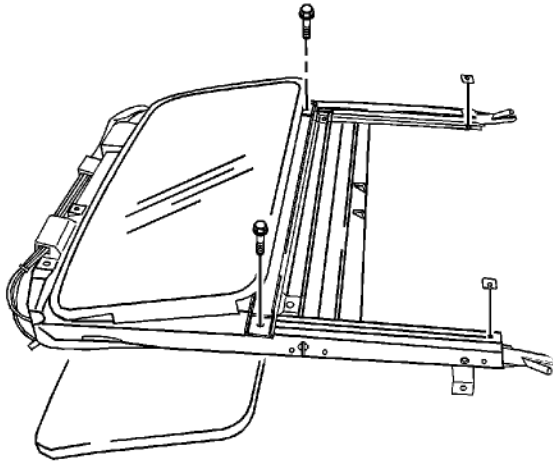


10. Remove the bolts and the sunroof housing from the vehicle.



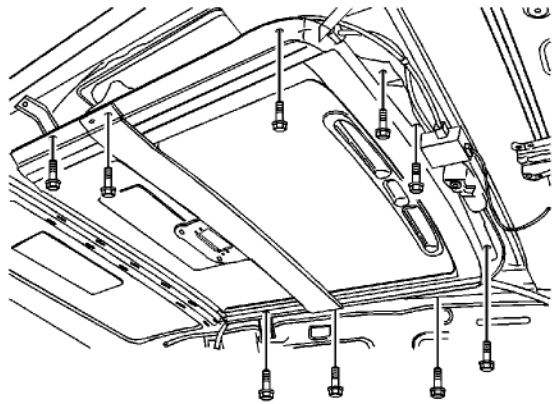
11. Remove the drain channel.
12. Remove the sunshade.

Installation Procedure



1. Install the sunshade.

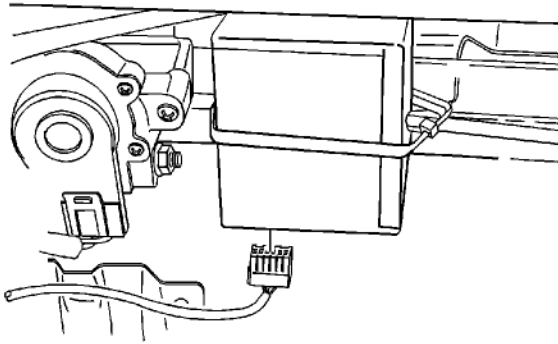
Notice: Refer to [Fastener Notice](#) in the Preface section.



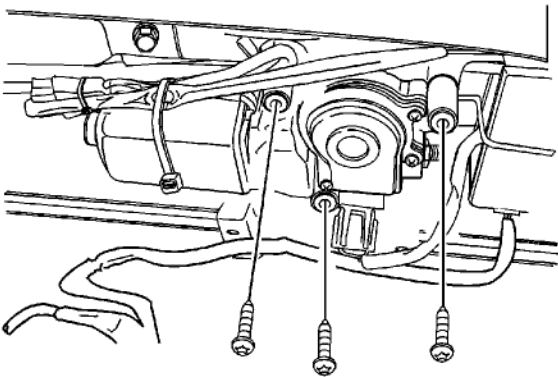
2. Install the sunroof housing.

Tighten

Tighten the sunroof housing bolts to 7 N·m (62 lb in).



3. Install the motor control module.
4. Manually position the sunroof glass in the fully closed position.



Important: The sunroof motor assembly must be in the fully closed position before installation.

5. Install the motor.

Tighten

Tighten the sunroof motor screws to 5 N·m (44 lb in).

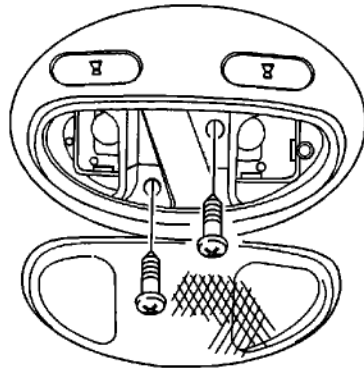
6. Install the drain hoses.
7. Install the headliner. Refer to [Headlining Trim Panel Replacement](#).

8. Connect the negative battery cable.

Sunroof Switch Replacement

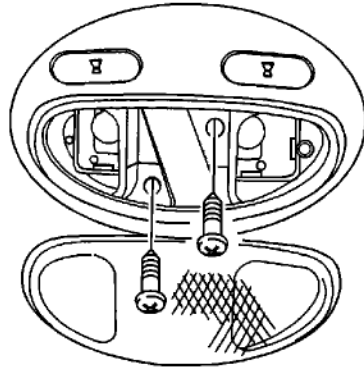
Removal Procedure

Caution: Refer to [Battery Disconnect Caution](#) in the Preface section.



1. Disconnect the negative battery cable.
2. Pry off the interior courtesy lamp lens.
3. Remove the screws and the lamp/power sunroof control switch.
4. Disconnect the electrical connector.

Installation Procedure



1. Connect the electrical connector.

Notice: Refer to [Fastener Notice](#) in the Preface section.

2. Install the lamp/power sunroof control switch with the screws.

Tighten

Tighten the interior courtesy lamp/power sunroof control switch screws to 4 N·m (35 lb in).

3. Install the interior courtesy lamp lens.
4. Connect the negative battery cable.