

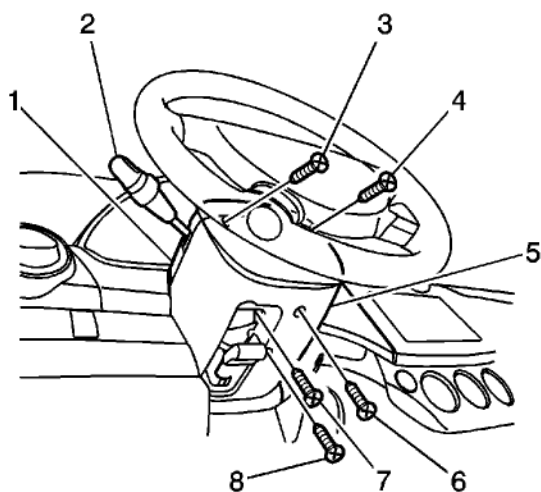
Fastener Tightening Specifications

Application	Specification	
	Metric	English
Front Wheel Well Splash Shield Screws	1.5 N·m	13 lb in
Washer Fluid Reservoir Bolts and Nuts	9 N·m	80 lb in
Wiper Arm Linkage Nut	8.5 N·m	75 lb in
Wiper Arm Nut Front	15 N·m	11 lb ft
Wiper Arm Nut Rear	11 N·m	97 lb in
Wiper Motor Bolts	9 N·m	80 lb in

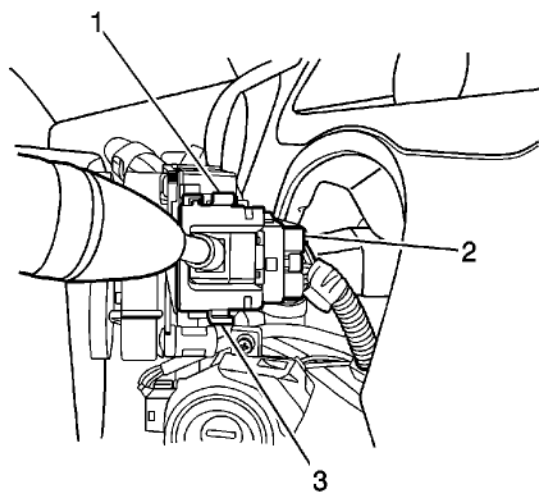
Windshield Wiper and Washer Switch Replacement

Removal Procedure

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



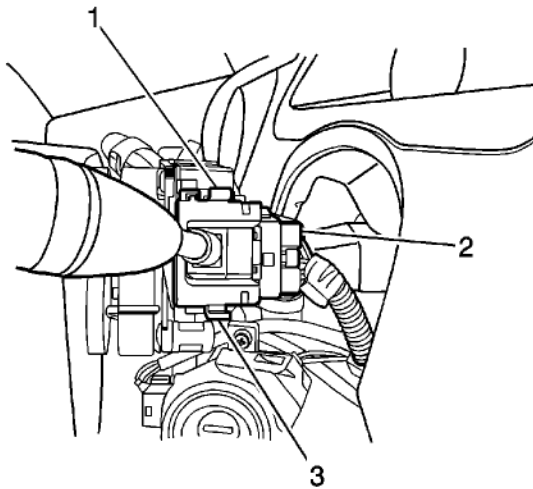
1. Disconnect the negative battery cable.
2. Remove the lower steering column cover panel screws (6, 7, 8).
3. Turn the steering wheel in order to access the upper steering column cover panel connecting screws (3, 4). Remove the upper steering column cover panel screws.
4. Remove the upper steering column panel (1) and the lower steering column cover panel (5).



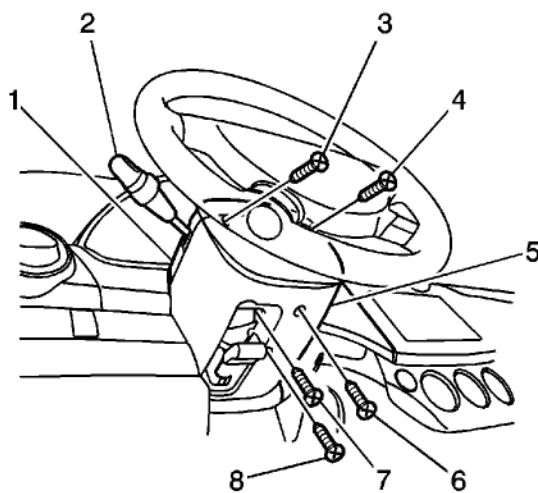


5. Remove the wiper switch by pushing in on the tabs (1, 3) on either side of the switch housing.
6. Disconnect the electrical connector (2) from the wiper switch.

Installation Procedure



1. Connect the electrical connector (2) to the wiper switch.
2. Install the wiper switch into the switch housing with the tabs (1, 3) on either side of the switch housing.



3. Install the upper steering column cover panel (1) and the lower steering column cover panel (5).

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

4. Install the lower steering column cover panel screws (6, 7, 8).

Tighten

Tighten the lower steering column cover panel screws to 3 N·m (27 lb in).

5. Turn the steering wheel in order to access the upper steering column cover panel screw holes. Install the upper steering column cover panel screws (3, 4).

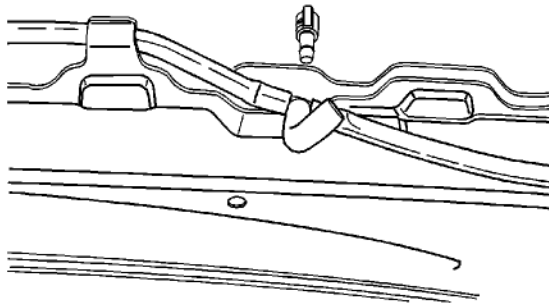
Tighten

Tighten the upper steering column cover panel screws to 3 N·m (27 lb in).

6. Connect the negative battery cable.

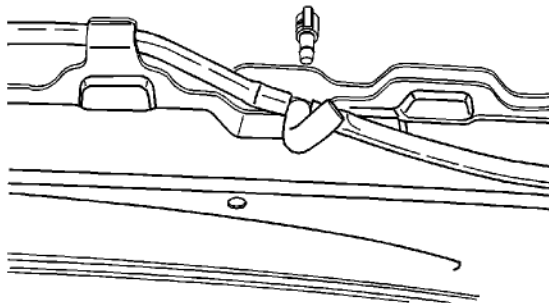
Windshield Washer Nozzle Replacement

Removal Procedure



1. Open the hood.
2. Disconnect the washer hose from the nozzle.
3. Remove the nozzle from the hood.

Installation Procedure

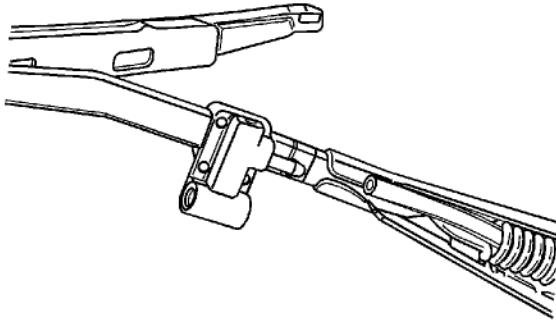




1. Install the nozzle onto the hood.
2. Connect the washer hose to the nozzle.
3. Close the hood.

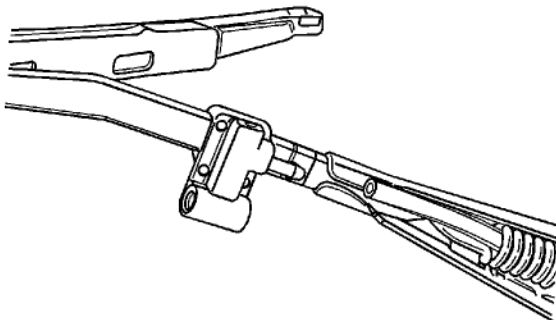
Rear Window Washer Nozzle Replacement

Removal Procedure



1. Remove the washer hose from the nozzle.
2. Remove the washer nozzle.

Installation Procedure

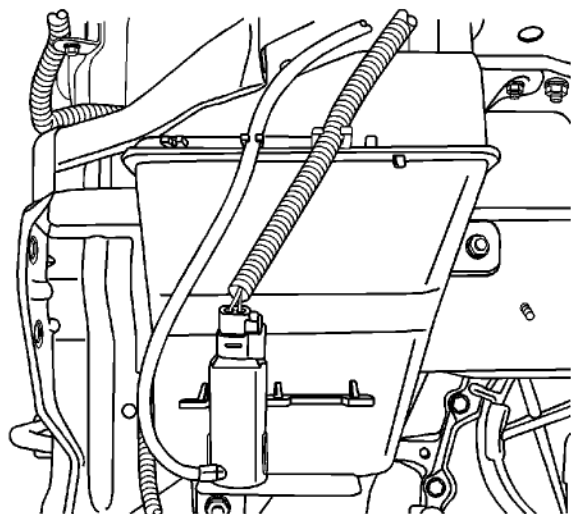




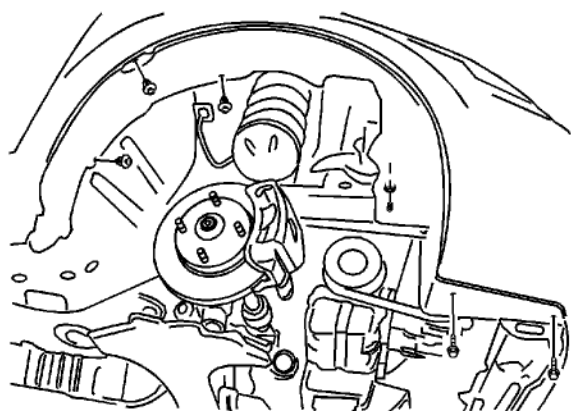
1. Install the washer nozzle.
2. Install the washer hose to the nozzle.

Windshield Washer Hose Replacement

Removal Procedure



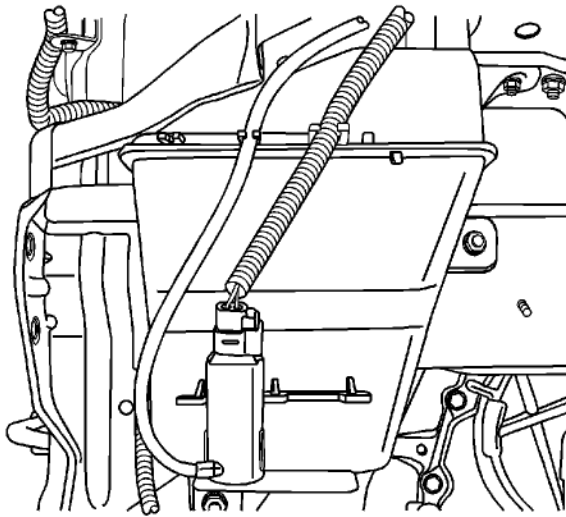
1. Open the hood.
2. Disconnect the windshield washer hose from the washer nozzles on the hood.
3. Remove the front left wheel. Refer to [Tire and Wheel Removal and Installation](#).



4. Remove the bolts and the front wheel well splash shield.
5. Disconnect the washer hose from the washer reservoir.

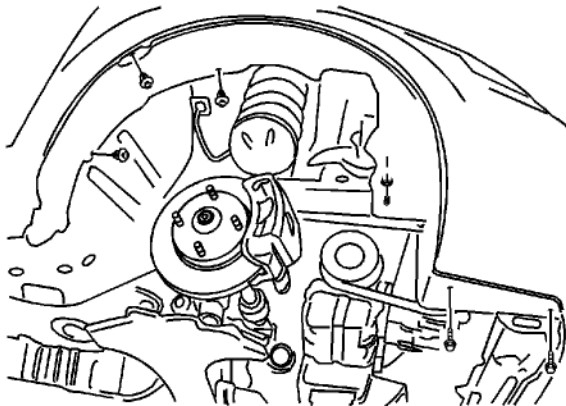
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Installation Procedure



1. Route the washer hose to the washer reservoir.
2. Connect the washer hose to the washer reservoir.

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



3. Install the front wheel well splash shield with the bolts.

Tighten

Tighten the front wheel well splash shield bolts to 1.5 N·m (13 lb in).

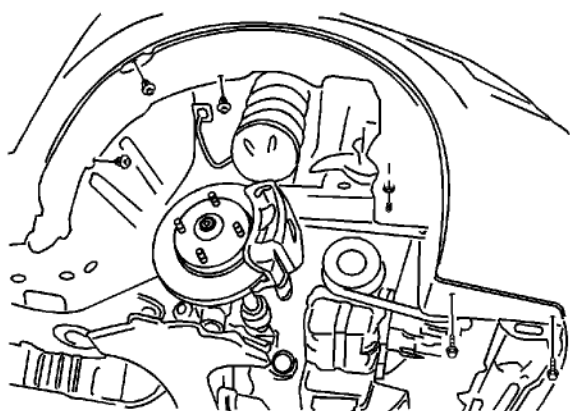
4. Install the front left wheel. Refer to [Tire and Wheel Removal and Installation](#).
5. Connect the windshield washer hose to the washer nozzles on the hood.
6. Close the hood.

Windshield Washer Solvent Container and Pump Replacement

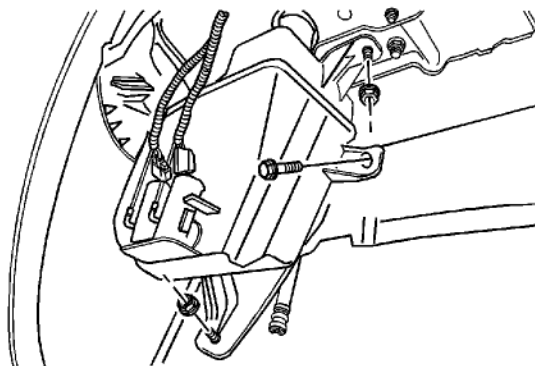
Removal Procedure

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

1. Disconnect the negative battery cable.
2. Remove the front left wheel. Refer to [Tire and Wheel Removal and Installation](#).



3. Remove the bolts and the front wheel well splash shield.

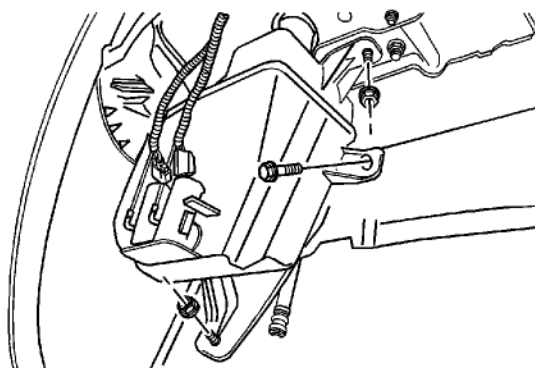




4. Disconnect the washer hoses from the reservoir.
5. Disconnect the reservoir pump electrical connectors.
6. Remove the bolts, the nuts and the reservoir.

Installation Procedure

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

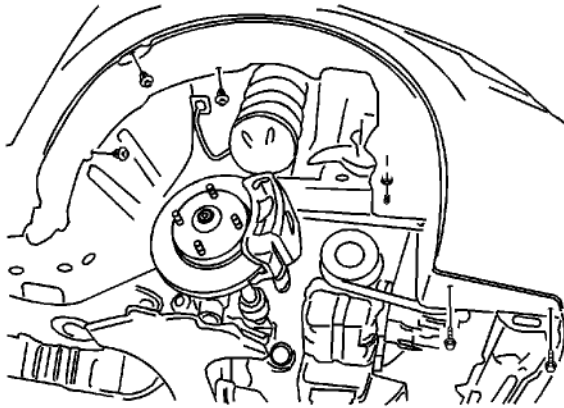


1. Install the reservoir with the nuts and the bolts.

Tighten

Tighten the washer fluid reservoir nuts and bolts to 9 N·m (80 lb in).

2. Connect the reservoir pump electrical connectors.
3. Connect the washer hoses to the reservoir.



4. Install the front wheel well splash shield with the bolts.

Tighten

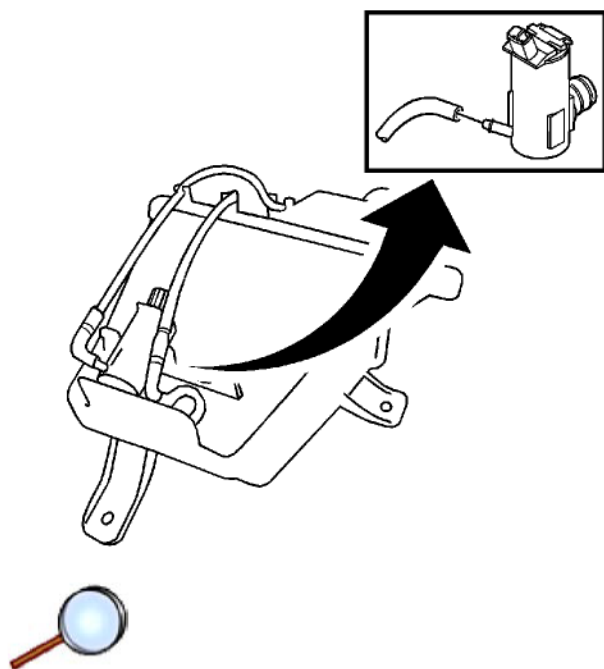
Tighten the front wheel well splash shield bolts to 1.5 N·m (13 lb in).

5. Install the front left wheel. Refer to [Tire and Wheel Removal and Installation](#).
6. Connect the negative battery cable.

Washer Pump Replacement (Typical)

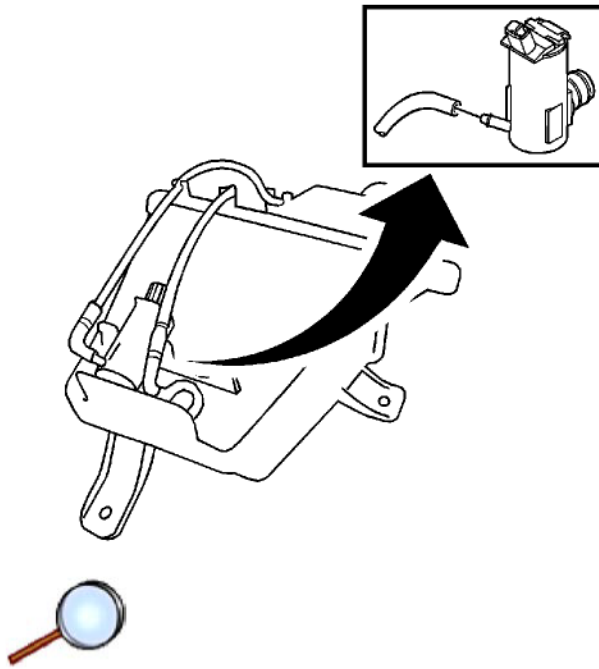
Removal Procedure

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



1. Disconnect the negative battery cable.
2. Remove the left front left wheel. Refer to [Tire and Wheel Removal and Installation](#).
3. Remove the screws and the front wheel well splash shield.
4. Disconnect the electrical connector.
5. Disconnect the washer hose.
6. Remove the washer pump.

Installation Procedure



1. Install the washer pump.
2. Connect the washer hose.
3. Connect the electrical connector.

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

4. Install the front wheel well splash shield with the screws.

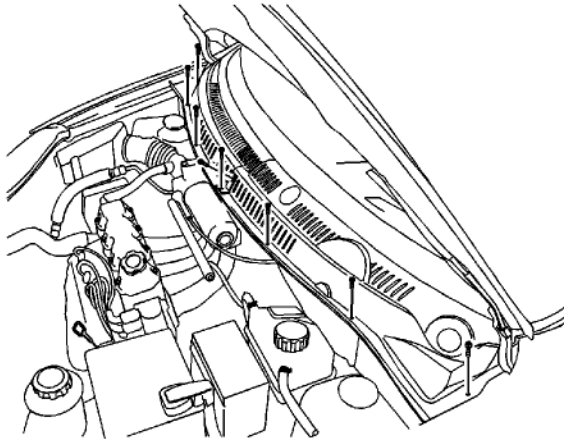
Tighten

Tighten the front wheel well splash shield screws to 1.5 N·m (13 lb in).

5. Install the front left wheel. Refer to [Tire and Wheel Removal and Installation](#).
6. Connect the negative battery cable.

Air Inlet Grille Panel Replacement

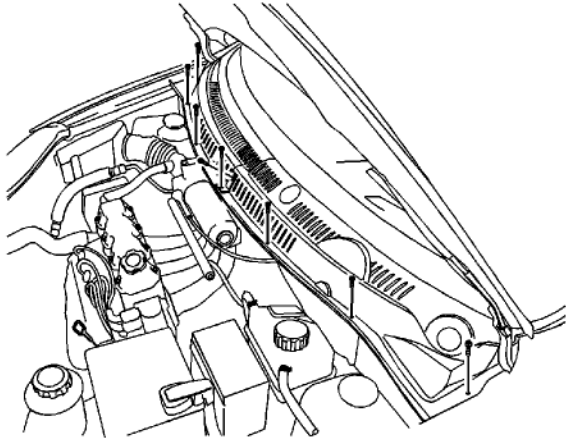
Removal Procedure



1. Raise the hood and support it with the hood prop.
2. Remove the nuts and the wiper arms. Refer to [Windshield Wiper Arm Replacement](#).
3. Remove the air inlet grille screws and the 2-piece grille.

Installation Procedure

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



1. Install the 2-piece grille and the air inlet grille screws.

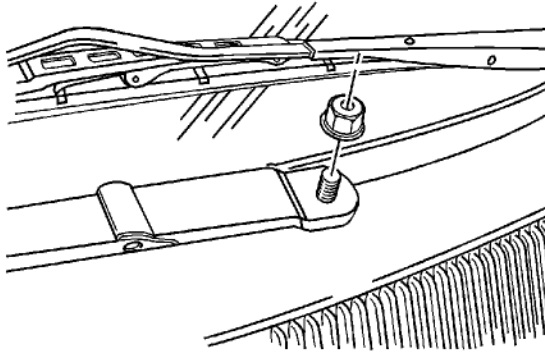
Tighten

Tighten the air inlet grille screws to 2 N·m (18 lb in).

2. Install the nuts and the wiper arms. Refer to [Windshield Wiper Arm Replacement](#).

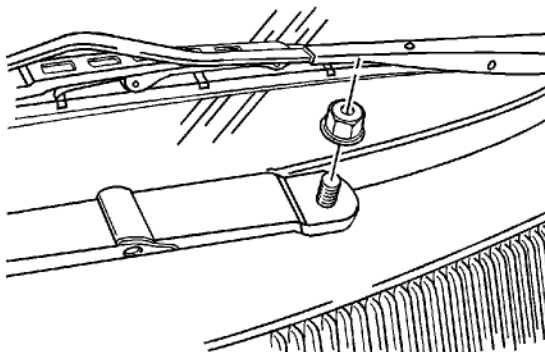
Windshield Wiper Arm Replacement

Removal Procedure



1. Open the hood.
2. Remove the nut from the wiper arm.
3. Pull the wiper arm off.

Installation Procedure





1. Install the wiper arm.

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

2. Secure the wiper arm with the nut.

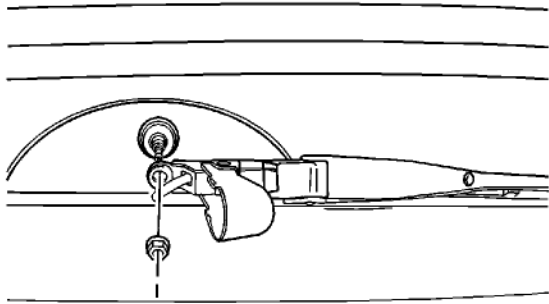
Tighten

Tighten the wiper arm nut to 15 N·m (133 lb in).

3. Close the hood.

Rear Window Wiper Arm Replacement

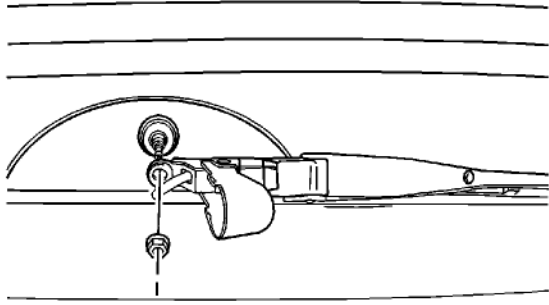
Removal Procedure



1. Open the wiper arm access cap.
2. Remove the nut and the rear wiper arm.

Installation Procedure

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



1. Install the rear wiper arm with the nut.

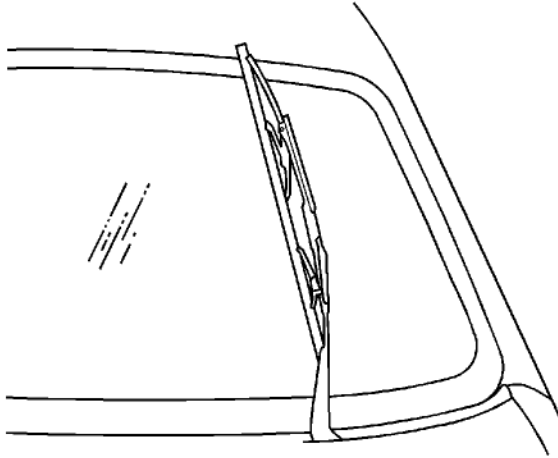
Tighten

Tighten the wiper arm nut to 11 N·m (97 lb in).

2. Close the wiper arm access cap.

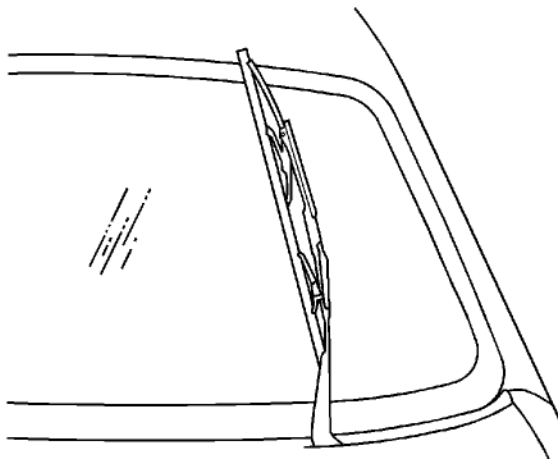
Windshield Wiper Blade Replacement (Typical)

Removal Procedure



1. Rotate the wiper blade on the arm.
2. Pull the wiper blade off the arm.

Installation Procedure

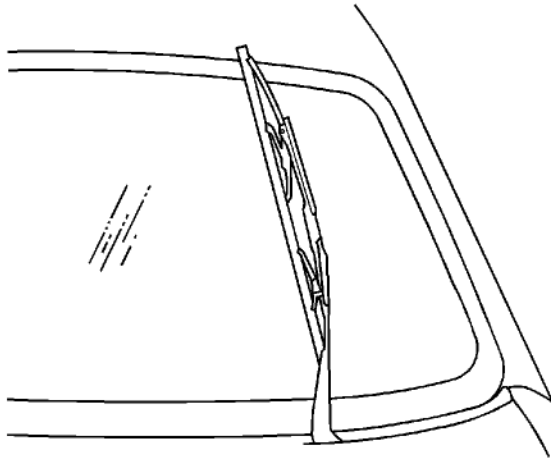




Push the wiper blade onto the arm.

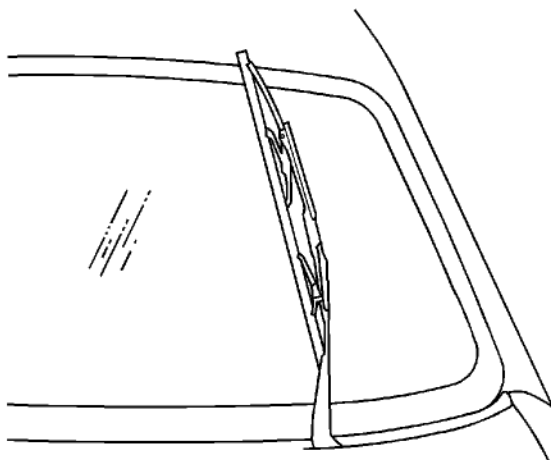
Wiper Blade Element Replacement (Typical)

Removal Procedure



Slide the insert out of the wiper blade.

Installation Procedure



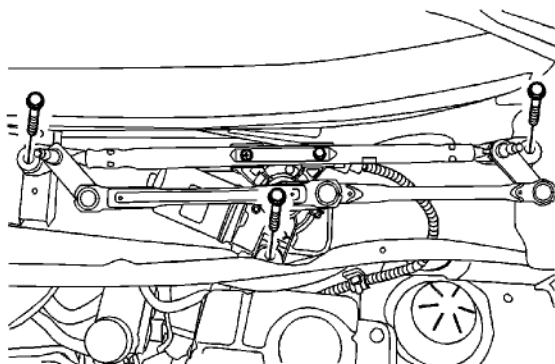


Slide the insert into the wiper blade.

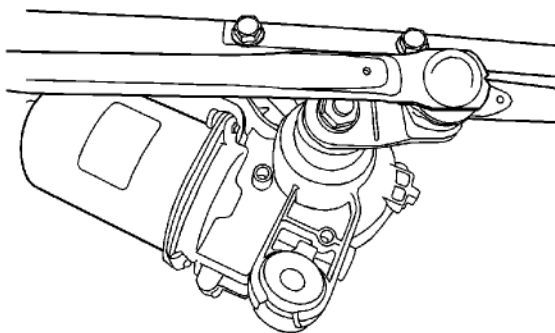
Windshield Wiper Motor Replacement (Notchback)

Removal Procedure

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



1. Disconnect the negative battery cable.
2. Put the wiper arms in the upright position.
3. Remove the left side portion of the air inlet grille panel. Refer to [Air Inlet Grille Panel Replacement](#).
4. Remove the nut securing the wiper arm linkage to the motor drive shaft.

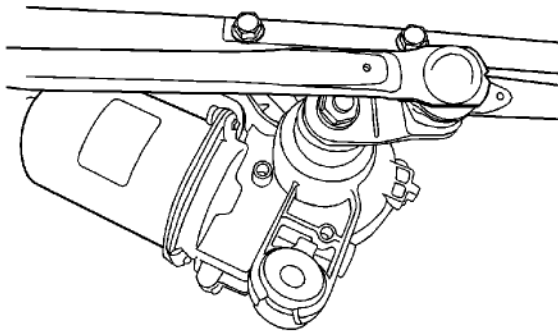




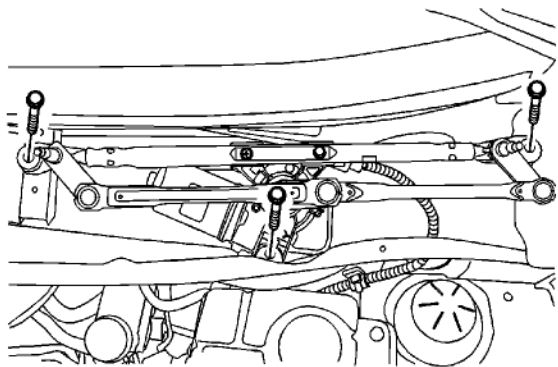
5. Pry the wiper arm linkage off the motor drive shaft.
6. Disconnect the electrical connectors.
7. Remove the bolts and the wiper motor.

Installation Procedure

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



1. Install the wiper motor with the bolts and tighten to **10 N·m (88 lb in)**.
2. Connect the electrical connector.



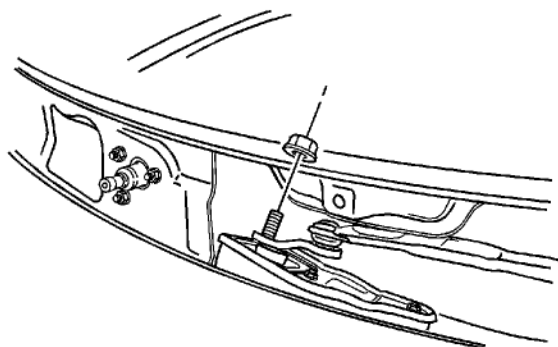


3. Press the wiper arm linkage onto the motor drive shaft.
4. Install the wiper arm linkage to the motor drive shaft with the nut and tighten to **10 N·m (88 lb in)**.
5. Install the left side portion of the air inlet grille panel. Refer to [Air Inlet Grille Panel Replacement](#).
6. Connect the negative battery cable.

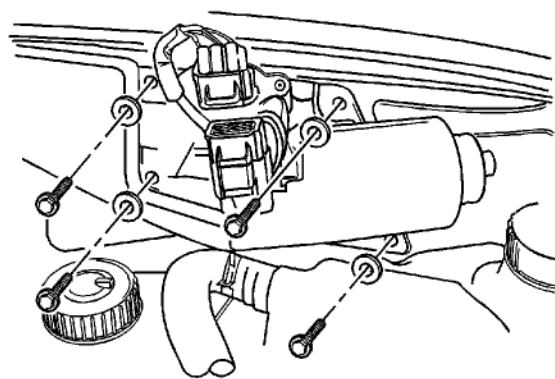
Windshield Wiper Motor Replacement (Hatchback)

Removal Procedure

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



1. Disconnect the negative battery cable.
2. Put the wiper arms in the upright position.
3. Remove the left side portion of the air inlet grille panel. Refer to [Air Inlet Grille Panel Replacement](#).
4. Remove the nut securing the wiper arm linkage to the motor drive shaft.

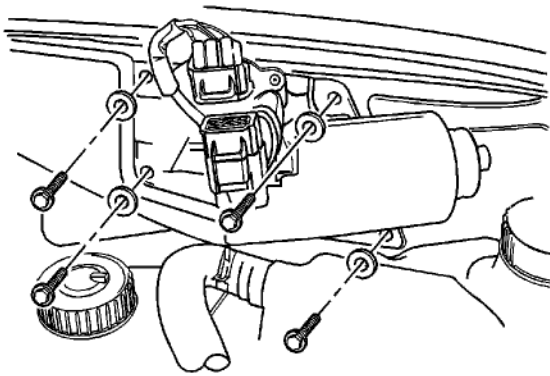




5. Pry the wiper arm linkage off the motor drive shaft.
6. Disconnect the electrical connectors.
7. Remove the bolts and the wiper motor.

Installation Procedure

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

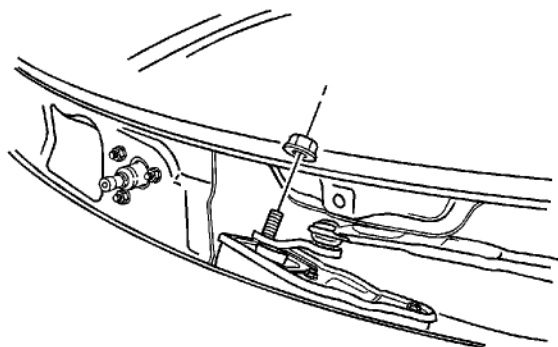


1. Install the wiper motor with the bolts.

Tighten

Tighten the wiper motor bolts to 9 N·m (80 lb in).

2. Connect the electrical connector.



3. Press the wiper arm linkage onto the motor drive shaft.
4. Install the wiper arm linkage to the motor drive shaft with the nut.

Tighten

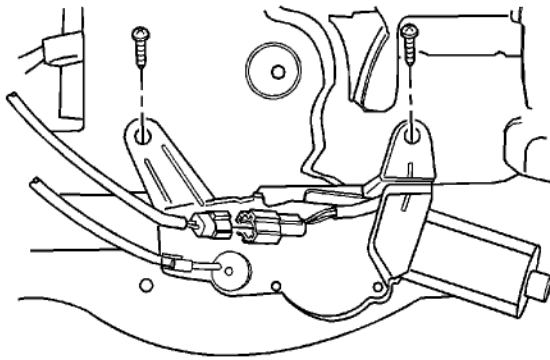
Tighten the wiper arm linkage nut to 8.5 N·m (75 lb in).

5. Install the left side portion of the air inlet grille panel. Refer to [Air Inlet Grille Panel Replacement](#).
6. Connect the negative battery cable.

Rear Window Wiper Motor Replacement

Removal Procedure

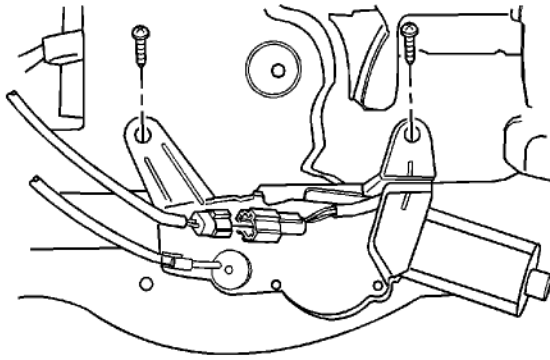
Warning: Refer to [Battery Disconnect Warning](#) in the Preface section.



1. Disconnect the negative battery cable.
2. Remove the rear window wiper arm. Refer to [Rear Window Wiper Arm Replacement](#).
3. Remove the hatchback door lower garnish molding.
4. Remove the bolts and the rear wiper motor.
5. Disconnect the electrical connector.

Installation Procedure

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



1. Connect the electrical connector.
2. Install the rear wiper motor with the bolts.

Tighten

Tighten the wiper motor bolts to 9 N·m (80 lb in).

3. Install the hatchback door lower garnish molding.
4. Install the rear window wiper arm. Refer to [Rear Window Wiper Arm Replacement](#).
5. Connect the negative battery cable.