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1991 FORD Sierra Sedan OEM Service and Repair Workshop Manual

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Air Conditioning Fill Pipe - Electric

412-00 Climate Control System - General Information	2022 F-150
Removal and Installation	Procedure revision date: 04/13/2022

Air Conditioning Fill Pipe - Electric

Removal

NOTICE

During the removal of components, cap, tape or otherwise appropriately protect all openings to prevent the ingress of dirt or other contamination. Remove protective materials prior to installation.

NOTE

Removal steps in this procedure may contain installation details.

1. Recover the refrigerant.

Refer to: [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging - Electric](#)(412-00 Climate Control System - General Information, General Procedures).

2. Remove the underhood storage compartment.

Refer to: [Underhood Storage Compartment - Electric](#)(501-02 Front End Body Panels, Removal and Installation).

3. 1. Remove the compressor outlet line nut and disconnect the fitting.

Torque : 80 lb.in (9 Nm)

2. Detach the wiring harness routing clip.



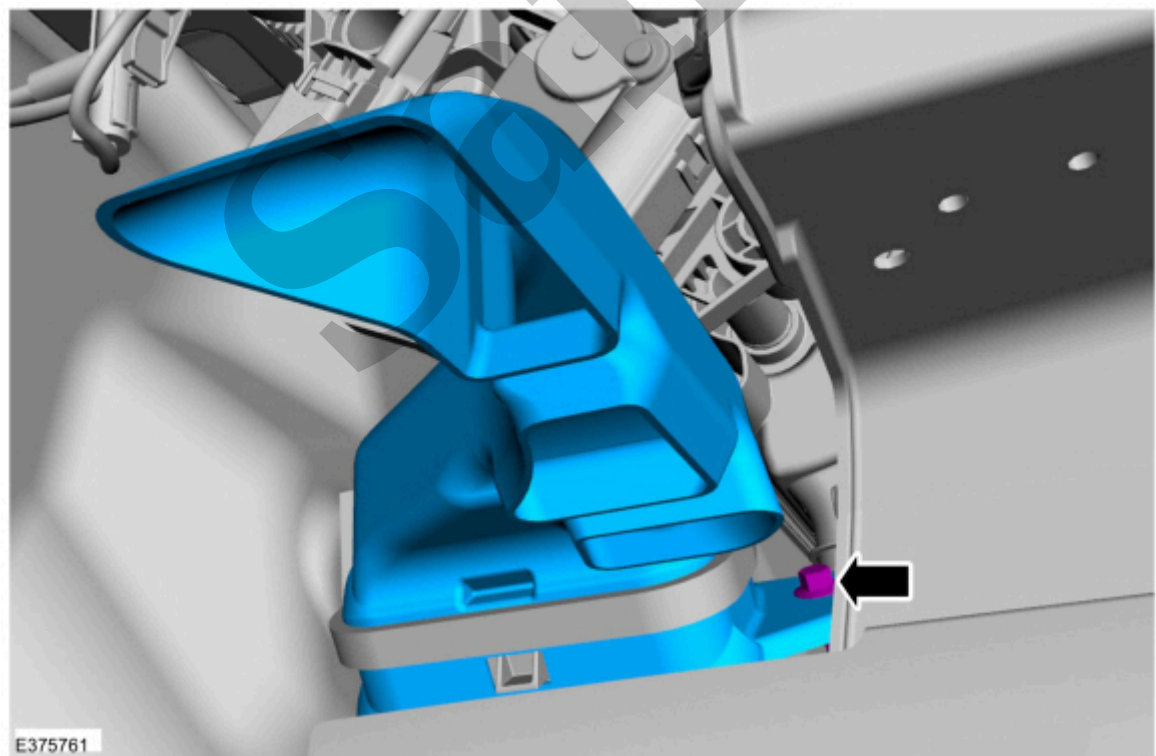
Air Distribution Door Actuator

412-00 Climate Control System - General Information	2022 F-150
Removal and Installation	Procedure revision date: 07/13/2022

Air Distribution Door Actuator

Removal

- 1. Remove the accelerator pedal.
Refer to: [Accelerator Pedal](#)(310-02 Acceleration Control, Removal and Installation).
- 2. Remove the bolt and the floor duct.



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Air Inlet Door Actuator

412-00 Climate Control System - General Information

2022 F-150

Removal and Installation

Procedure revision date: 10/2/2020

Air Inlet Door Actuator

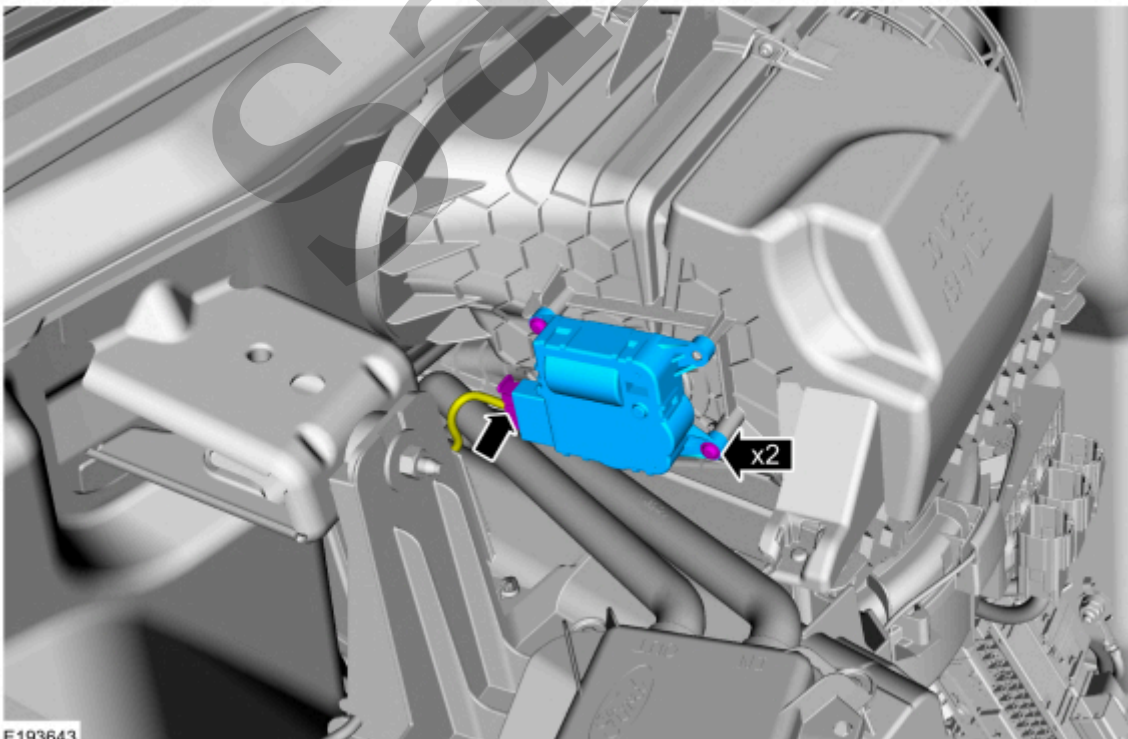
Removal

1. Remove the instrument panel.

Refer to: [Instrument Panel](#)(501-12 Instrument Panel and Console, Removal and Installation).

2. Remove the screws and the air inlet door actuator.

- Disconnect the electrical connector.



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Ambient Air Temperature Sensor

412-00 Climate Control System - General Information	2022 F-150
Removal and Installation	Procedure revision date: 04/7/2022

Ambient Air Temperature Sensor

Removal

NOTE

Removal steps in this procedure may contain installation details.

Vehicles With: Short Arm Mirrors

1. NOTICE

Position the screwdriver using the service slot in the mirror glass backing plate to remove the mirror glass. Prying on the backing plate in other locations may damage the mirror glass.

Remove the exterior mirror glass.

1. Position the mirror glass in and up.
2. Using a flat blade screwdriver separate the exterior mirror glass from the exterior mirror motor.

3. NOTE

The number and location of the electrical connectors will vary based on mirror option content.

Disconnect the exterior mirror glass electrical connectors.

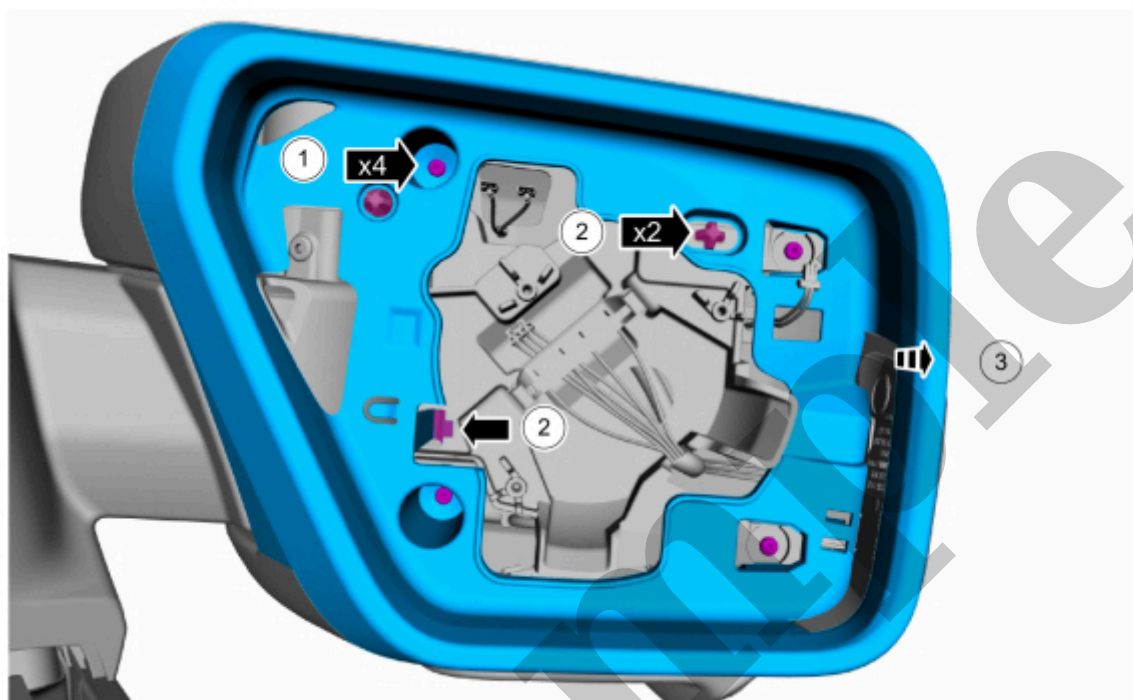
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Remove the exterior mirror bezel.

1. Remove the exterior mirror bezel screws.

2. Release the exterior mirror bezel tabs and release the clip with screwdriver.

3. Slide the exterior mirror bezel outward off the tabs.

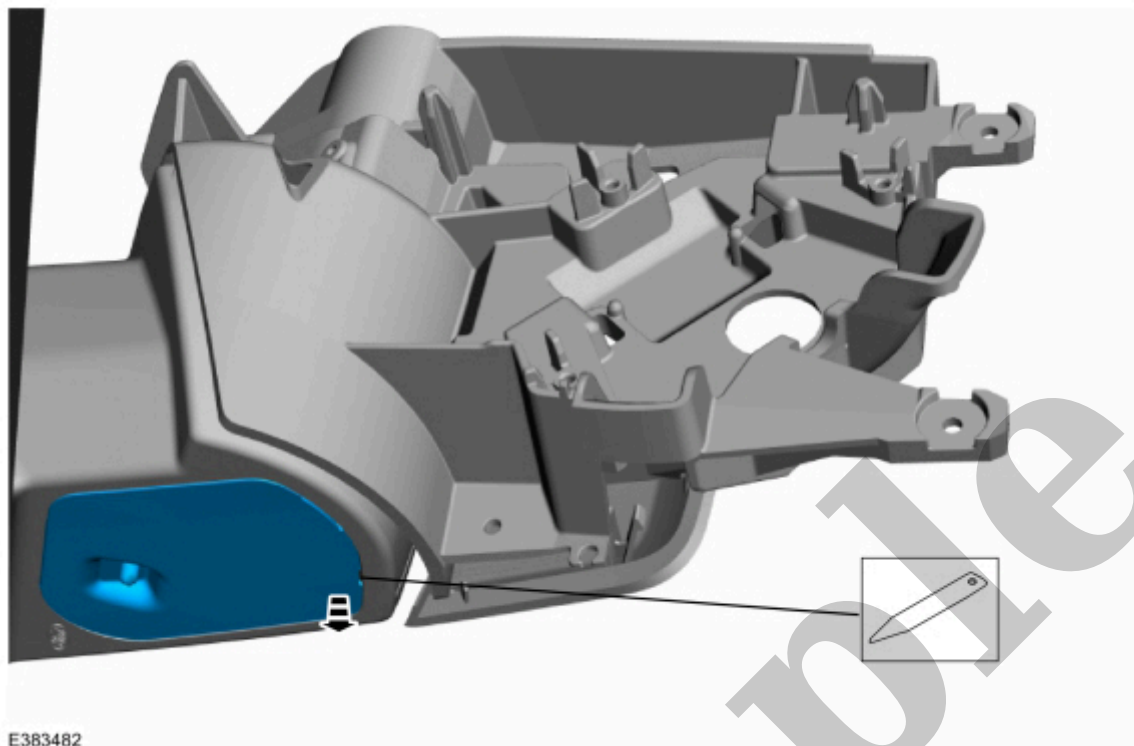


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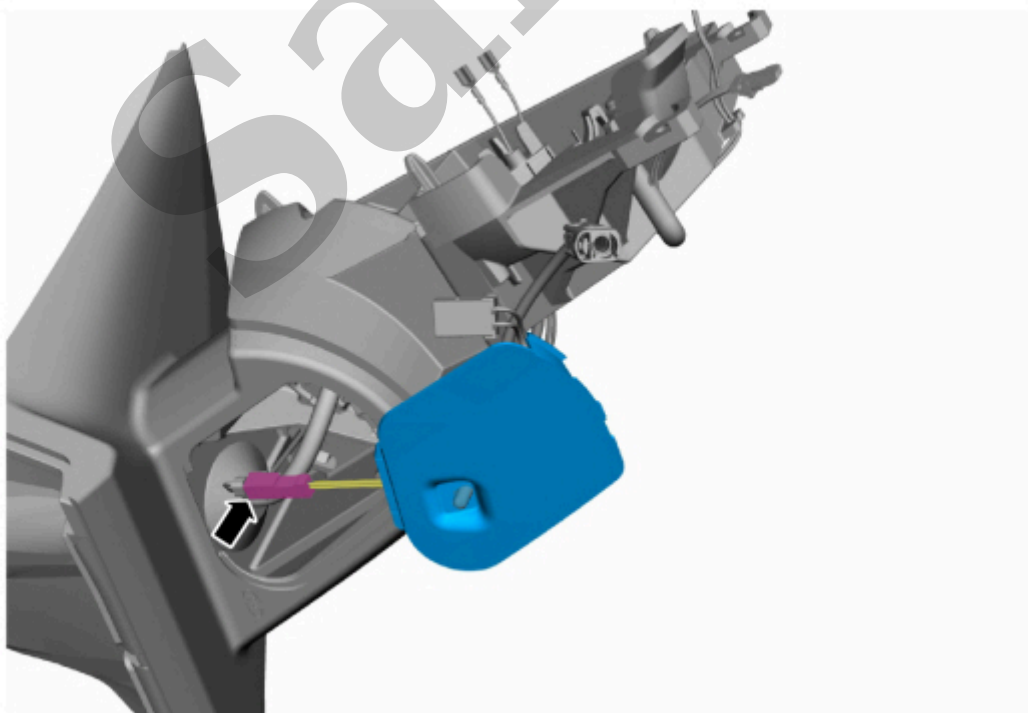
4. Position the mirror arm in slightly.

6. Using a suitable tool, pry and detach the ambient air temperature sensor bezel from the RH (right-hand) exterior mirror arm housing.

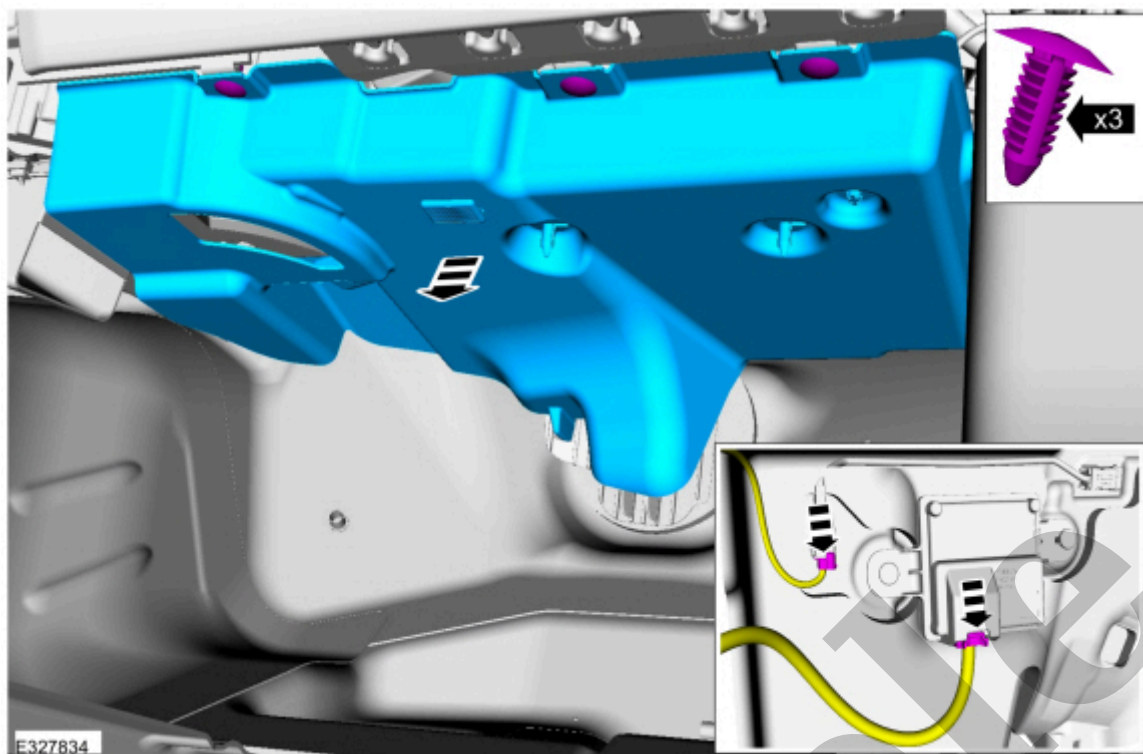


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7. Disconnect the electrical connectors and remove the ambient air temperature sensor.



Sample

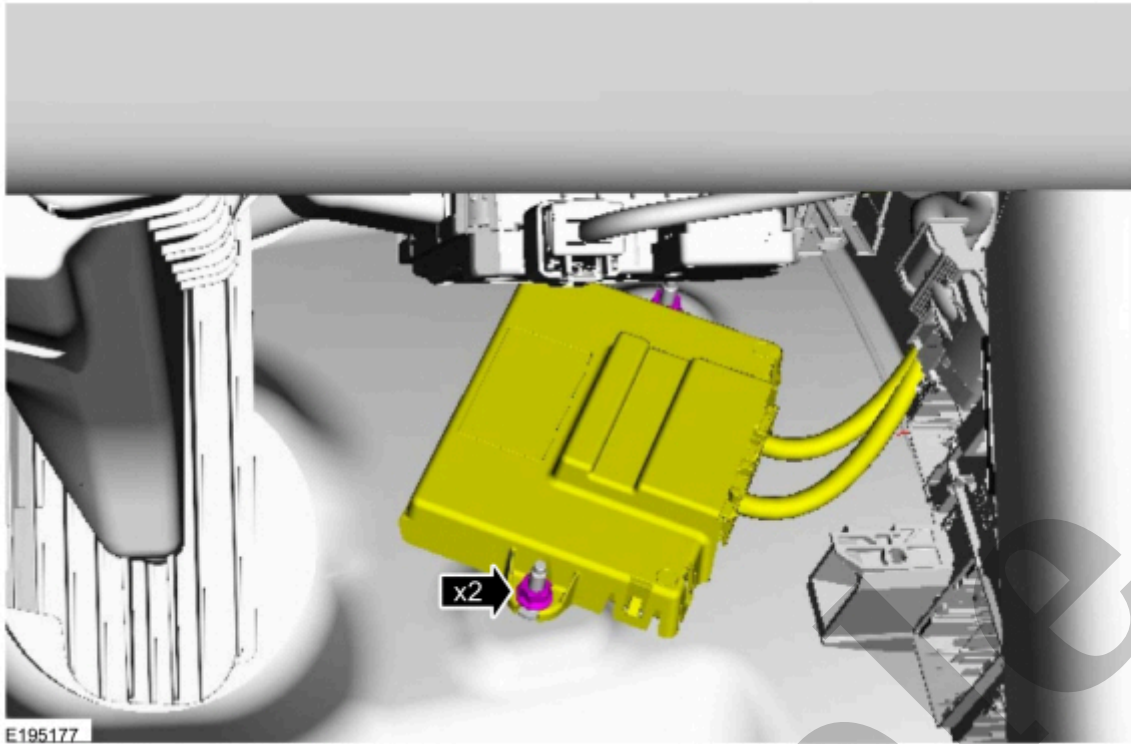


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2. NOTE

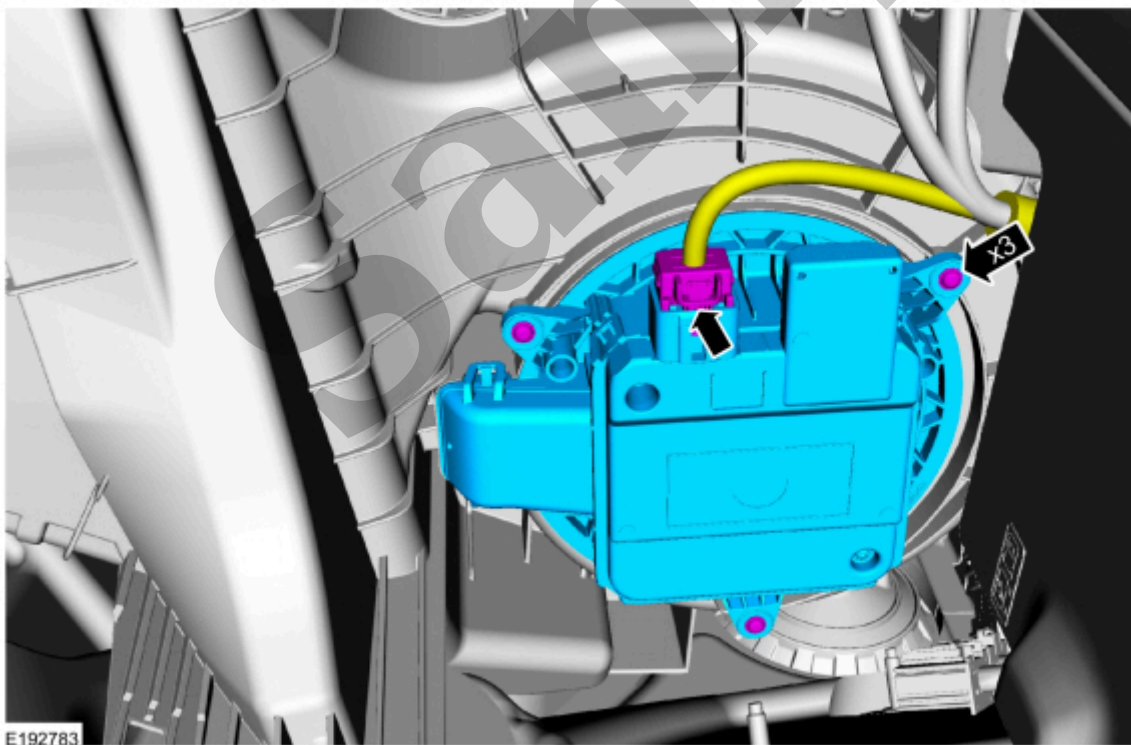
Vehicles equipped with TCCM (transfer case control module) .

Remove the BCM (body control module) cover.



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4. Disconnect the electrical connector, remove the screws and the blower motor control module.



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Installation