

## Front End Body Panels - Fender

### Removal and Installation

#### Removal

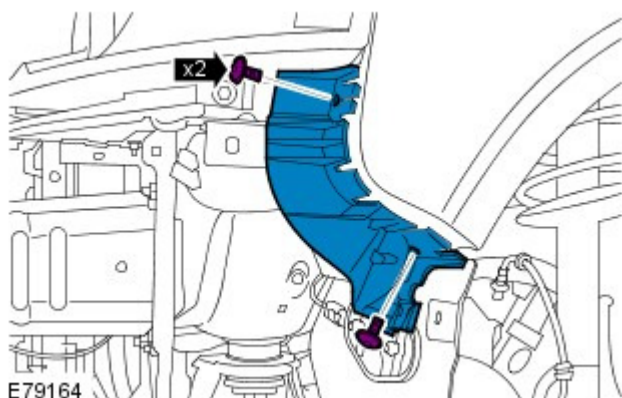
1.  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

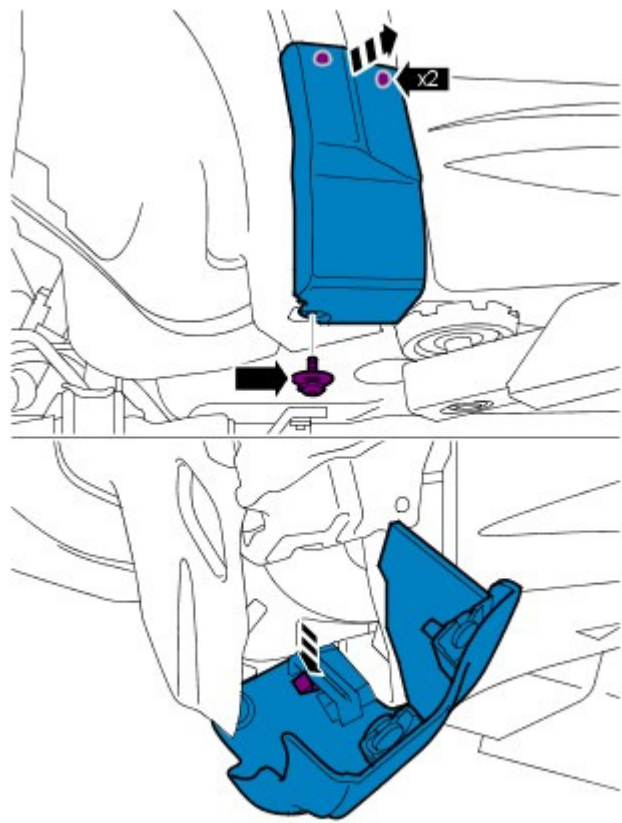
2. Remove the front bumper cover.

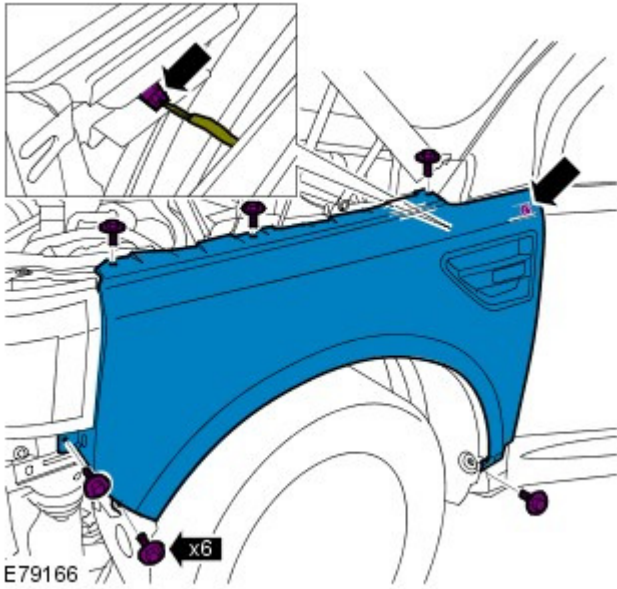
Refer to: [Front Bumper Cover](#) (501-19 Bumpers, Removal and Installation).

- 3.

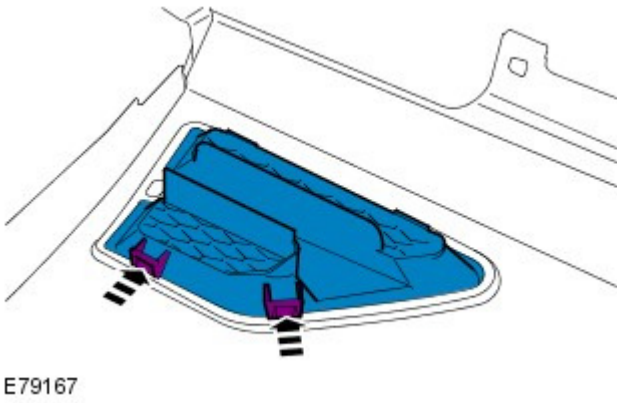


4.  **CAUTION:** Mark the components to aid installation.

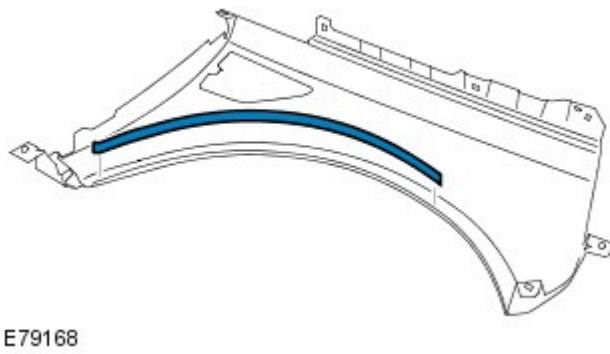




5.  **CAUTION:** Mark the components to aid installation.

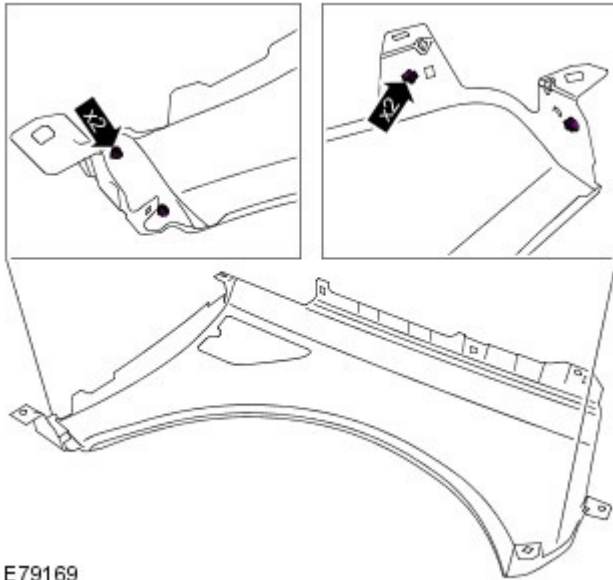


- 6.



- 7.

8.



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## Installation

1. Install the screw retainers.
2. Install the fender edge finisher.
3. Install the fender air intake grille.
4. **NOTE:** Make sure that these components are installed to the noted removal position.

Install the front fender.

*Torque: 5 Nm*

5. **NOTE:** Make sure that these components are installed to the noted removal position.

Install the fender lower moulding.


6. Install the bumper cover retaining bracket.
7. Install the front bumper cover.

Refer to: [Front Bumper Cover](#) (501-19 Bumpers, Removal and Installation).

## Front End Body Panels - Fender Splash Shield

### Removal and Installation

#### Removal

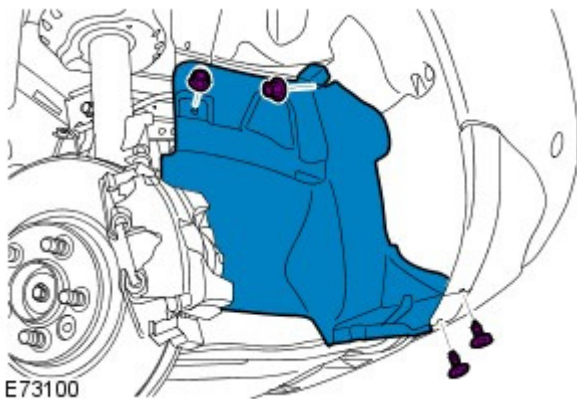
1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

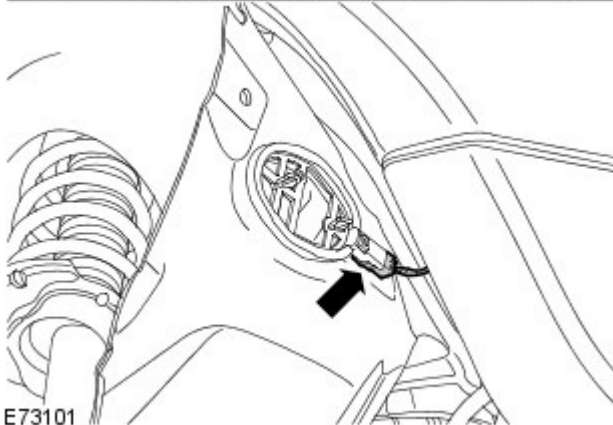
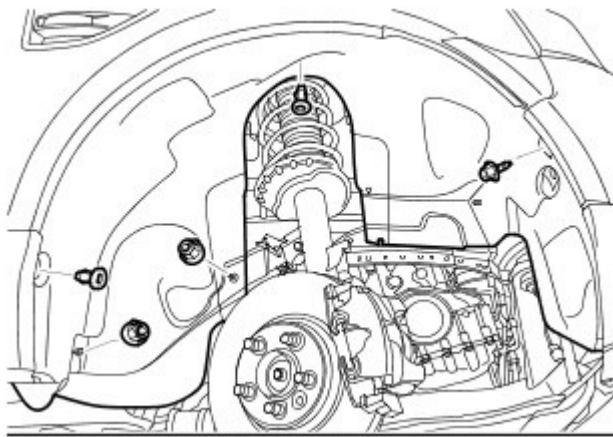
2. Remove the front wheel.

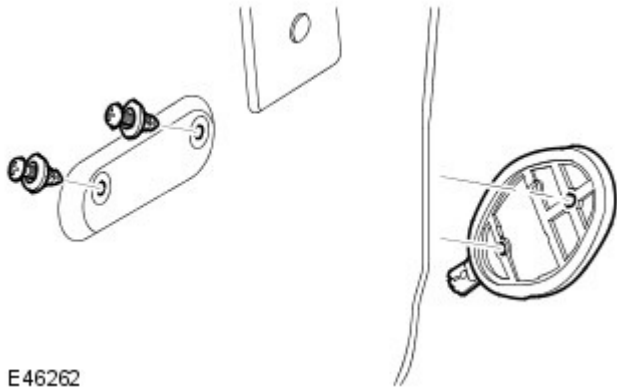
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3. Remove the fender splash shield extension panel.



- 4.





5. NOTE: Do not disassemble further if the component is removed for access only.

## Installation

1. Install the tire pressure antenna.
2. Install the fender splash shield and tighten the Torx screw to 6 Nm (4 lb.ft).
3. Install the fender splash shield extension panel.
4. Install the front wheel.

Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).


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## Front End Body Panels - Engine Undershield

Removal and Installation

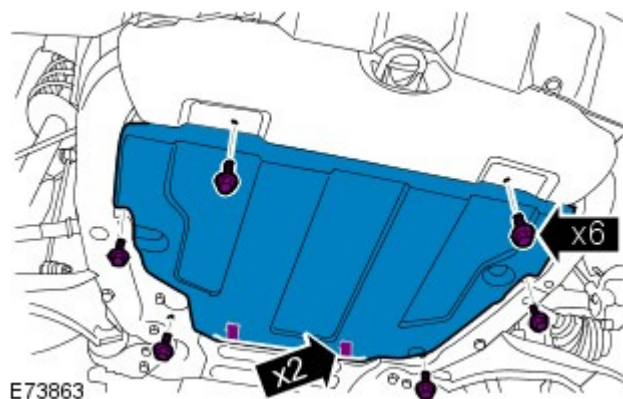
### Removal

NOTE: Removal steps in this procedure may contain installation details.

1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

2. Torque: 60 Nm



### Installation

1. To install, reverse the removal procedure.

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## Front End Body Panels -

### Torque Specifications

Description	Nm	lb-ft
Coldzone main panel screws	10	7
Engine undershield bolts	60	42
Fender splash shield	6	4
Front fender bolts	10	7
Hood hinge bolts	24	18
Hood latch panel bolts	24	18
Secondary bulkhead center panel	10	7

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## Front End Body Panels - Secondary Bulkhead Center PanelTD4 2.2L Diesel

Removal and Installation

### Removal

NOTE: Removal steps in this procedure may contain installation details.

1.  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

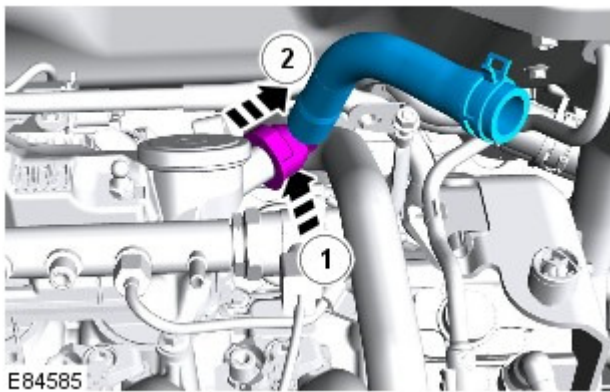
2. Remove the engine cover.

Refer to: [Engine Cover - TD4 2.2L Diesel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

3. Remove the plenum chamber.

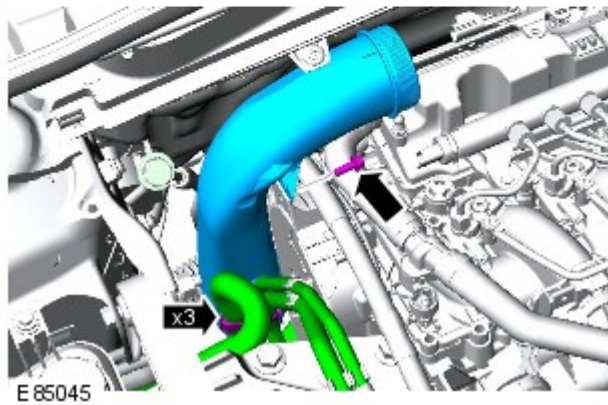
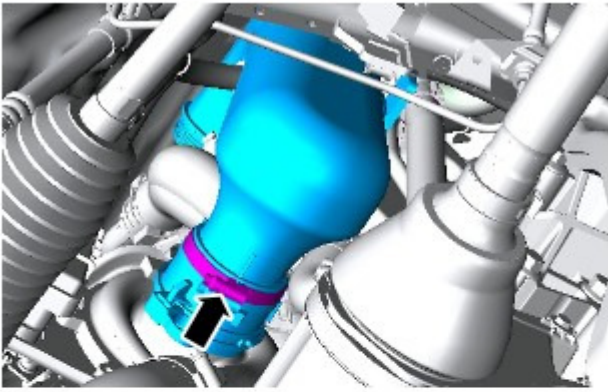
Refer to: [Plenum Chamber](#) (412-01 Climate Control, Removal and Installation).

- 4.

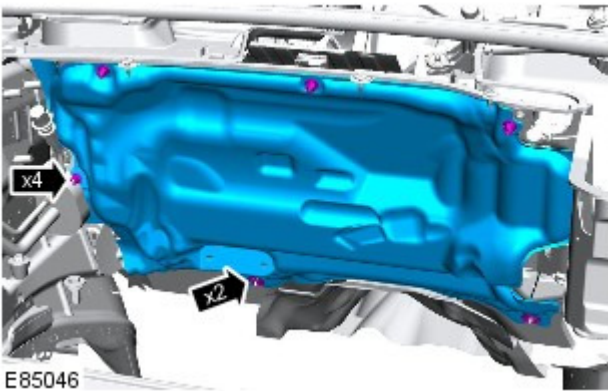




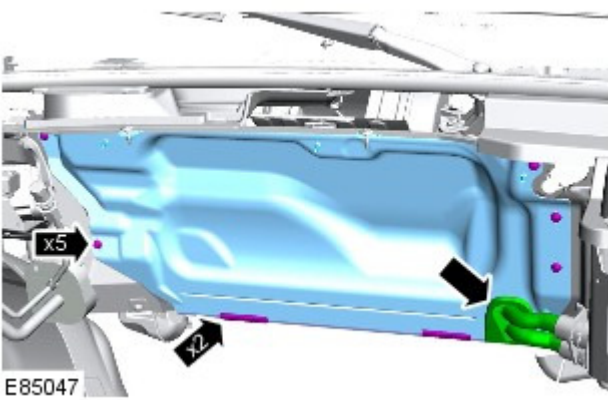
5.

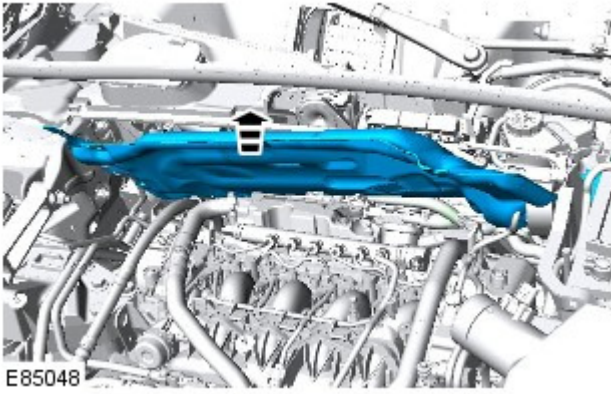


6. Release the secondary bulkhead center panel pad.



7. Torque: 10 Nm





8.

## Installation

1. To install, reverse the removal procedure.

## Front End Body Panels - Hood Latch Panel

### Removal and Installation

#### Removal

1.  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

2. Remove the headlamps.

Refer to: [Headlamp Assembly](#) (417-01 Exterior Lighting, Removal and Installation).

3. **NOTE:** Do not disassemble further if the component is removed for access only.

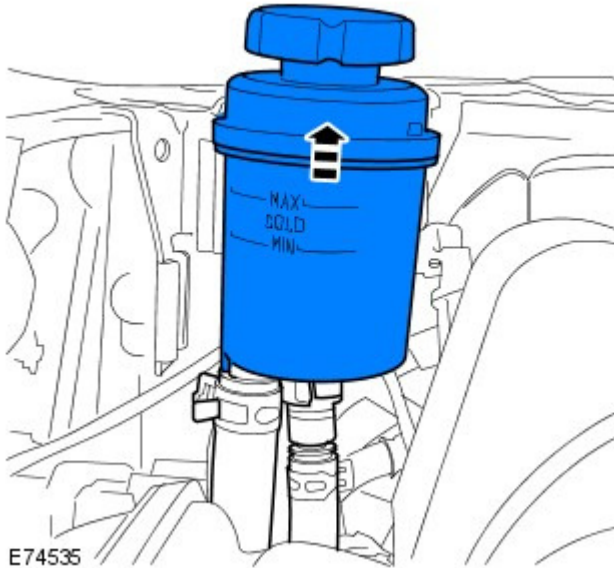
Remove the front impact sensors.

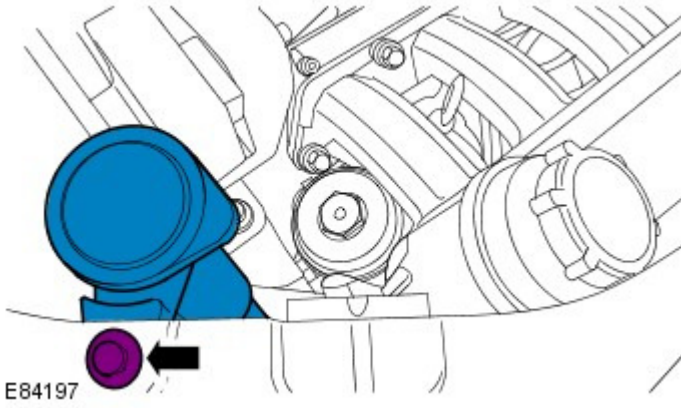
Refer to: [Front Impact Severity Sensor](#) (501-20B Supplemental Restraint System, Removal and Installation).

4. Remove the front fenders.

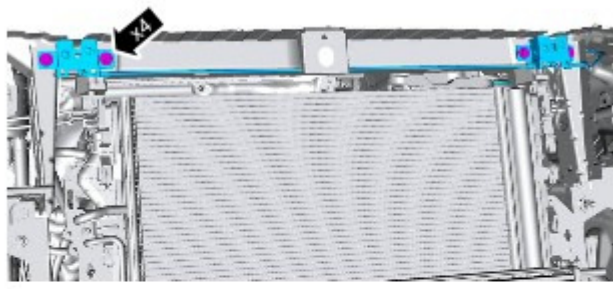
Refer to: [Fender](#) (501-02 Front End Body Panels, Removal and Installation).

5. Release and tie aside the power steering reservoir.

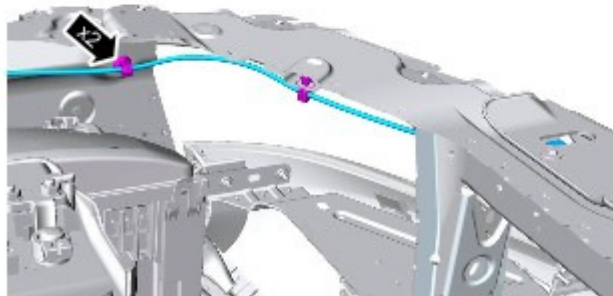




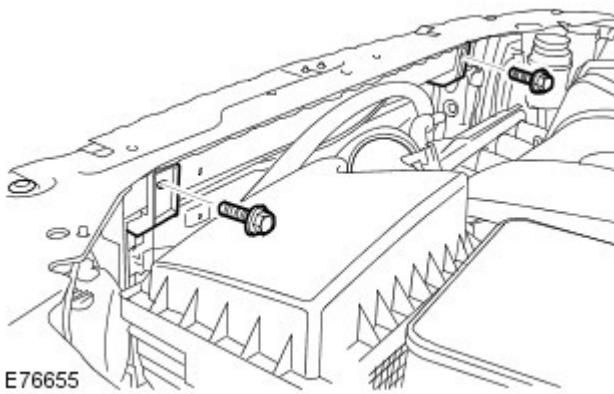
6. Release the windshield washer reservoir filler neck.



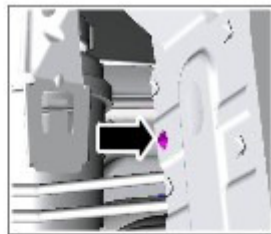
7. Release the hood latches.



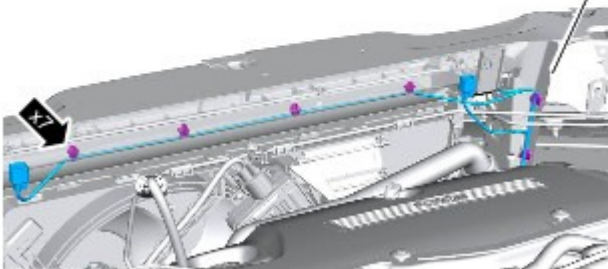
E84198



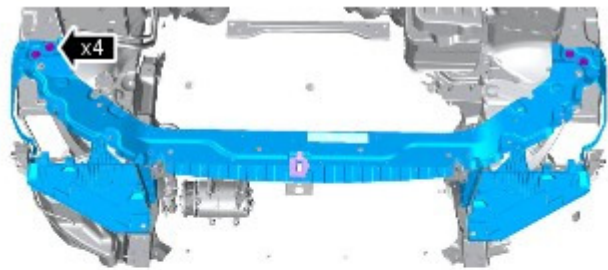
8.



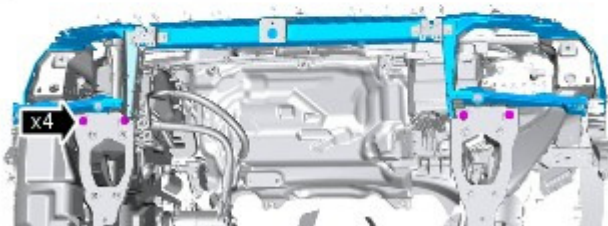
9. Release the harness.



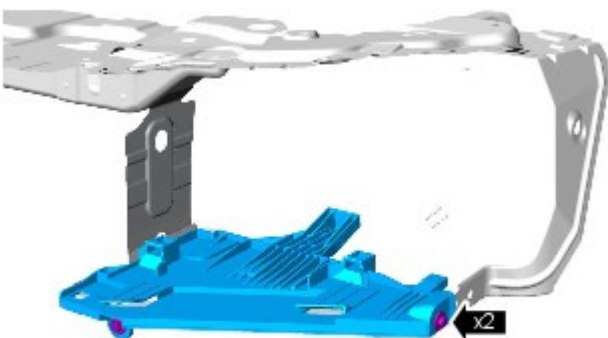
E84200



10.  **WARNING:** This step requires the aid of another technician.



E84201



E84203

11. **NOTE:** Do not disassemble further if the component is removed for access only.

## Installation

1. Install the headlamp brackets.

*Torque: 6 Nm*

2.  **WARNING:** This step requires the aid of another technician.

Install the hood latch panel.

*Torque:* 24 Nm

3. Secure the electrical harness.

4. Install the radiator mountings.

*Torque:* 6 Nm

5. Install the hood latches.

*Torque:* 10 Nm

6. Install the windshield washer reservoir filler neck.

*Torque:* 6 Nm

7. Install the power steering fluid reservoir.

8. Install the front impact sensors.

Refer to: [Front Impact Severity Sensor](#) (501-20B Supplemental Restraint System, Removal and Installation).

9. Install the front fenders.

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

10. Install the headlamps.

Refer to: [Headlamp Assembly](#) (417-01 Exterior Lighting, Removal and Installation).