

Bulkhead Assembly

Removal

All vehicles

- 1 . Disconnect both battery leads, negative lead first.
- 2 . Remove front fender side panel.
For additional information, refer to [Front Fender Side Panel](#)
- 3 . Remove RH and LH front upper wing.
For additional information, refer to [Front Fender Top Panel LH](#) and
For additional information, refer to [Front Fender Top Panel RH](#)
- 4 . Remove headlamp mounting panels.
- 5 . Remove windshield frame.
For additional information, refer to [Windshield Frame](#)
- 6 . Remove both front doors.

Vehicles built up to 12/2006

- 7 . Remove lower fascia panel.
For additional information, refer to

For additional information, refer to

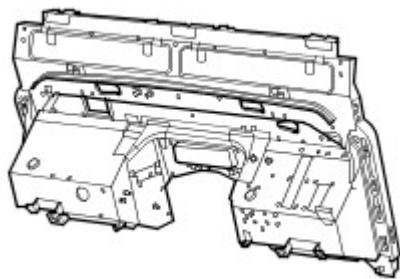
For additional information, refer to

For additional information, refer to

All vehicles

- 8 . Models with A/C: Remove relevant A/C pipes.
- 9 . Remove front grille.
- 10 . Drain cooling system.
 - 1) 4.0 -
For additional information, refer to
 - 2) Tdi -
For additional information, refer to
 - 3) Td5 -
For additional information, refer to
 - 2.4L Diesel -
 - 4) For additional information, refer to [Cooling System Draining, Filling and Bleeding \(26.10.01\)](#)
- 11 . Remove radiator and charge air cooler.
- 12 . Models with A/C: Remove condenser.
- 13 . Remove air cleaner assembly.

- 14 . Remove heater unit.
For additional information, refer to
For additional information, refer to
For additional information, refer to [Heater Core and Evaporator Core Housing](#)
- 15 . Remove brake booster assembly.
- 16 . Remove heater ducts.
- 17 . Remove both front seats.
- 18 . Remove front carpets.
- 19 . Release all relevant harnesses and position aside.
- 20 . Remove facia support bracket.



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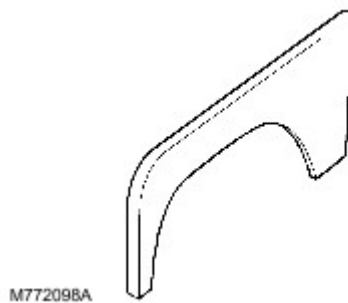
Installation

- 1 . Prepare and clean panel joint faces. Ensure all necessary grommets and sealant is applied to new bulkhead.
- 2 . Reverse removal procedure.
- 3 . Bleed brake system.
For additional information, refer to [Brake System Bleeding \(70.25.02\)](#)
- 4 . Adjust headlamps.
For additional information, refer to [Headlamp Adjustment \(86.40.17\)](#)
- 5 . Water test after refitting.

Front Fender Side Panel

Removal

- 1 . Disconnect both battery leads, negative lead first.
- 2 . Remove wheelhouse eyebrow.
- 3 . Remove wheelhouse liner.
- 4 . RH side: Remove aerial.
- 5 . Remove air intake hose.
- 6 . Remove bolts securing front fender side panel.



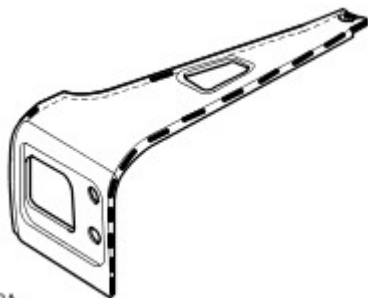
Installation

- 1 . Prepare and clean panel joint faces.
- 2 . Reverse removal procedure.

Front Fender Top Panel LH

Removal

- 1 . Disconnect both battery leads, negative lead first.
- 2 . Remove headlamp assembly.
For additional information, refer to [Headlamp Assembly \(86.40.49\)](#)
- 3 . Remove headlamp mounting panel.
- 4 . Remove radiator.
 - 1) Tdi -
For additional information, refer to
 - 2) Td5 -
For additional information, refer to
 - 3) 4.0 -
For additional information, refer to
 - 4) 2.4L Diesel -
For additional information, refer to [Radiator \(26.40.01\)](#)
- 5 . Recover refrigerant from A/C system.
For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#)
- 6 . Remove receiver drier.
 - 1) Tdi -
For additional information, refer to
 - 2) Td5 -
For additional information, refer to
 - 3) 4.0 -
For additional information, refer to
 - 4) 2.4L Diesel -
For additional information, refer to [Receiver Drier \(82.17.03\)](#)
- 7 . Remove relevant A/C pipes.
- 8 . Remove relevant heater intake pipes.
- 9 . Remove screen washer reservoir.
- 10 . Remove wheelhouse liner.
- 11 . Remove bolts and release welds securing panel, remove panel.



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Installation

1 . Prepare and clean panel joint faces.

2 . Reverse removal procedure.

3 . Adjust headlamps.

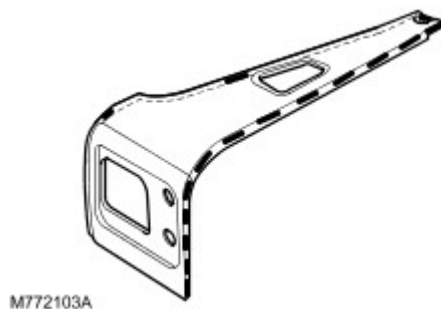
For additional information, refer to [Headlamp Adjustment \(86.40.17\)](#)

Front Fender Top Panel RH

Removal

- 1 . Disconnect both battery leads, negative lead first.
- 2 . Remove headlamp assembly.
For additional information, refer to [Headlamp Assembly \(86.40.49\)](#).
- 3 . Remove headlamp mounting panel.
- 4 . Remove radiator.
 - 1) Tdi -
For additional information, refer to
 - 2) Td5 -
For additional information, refer to
 - 3) 4.0 -
For additional information, refer to
 - 4) 2.4L Diesel -
For additional information, refer to [Radiator \(26.40.01\)](#)
- 5 . Recover refrigerant from A/C system.
For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#)
- 6 . Remove relevant A/C pipes.
- 7 . Position PAS reservoir aside.
- 8 . Remove wheelhouse liner.
- 9 . Remove aerial.
- 10 . Remove vacuum solenoid valve.
- 11 . Release clips securing coolant reservoir.
- 12 . **NOTE:**
LH fender shown.

Remove bolts and release welds securing panel, remove panel.



Installation

- 1 . Prepare and clean panel joint faces.

2 . Reverse removal procedure.

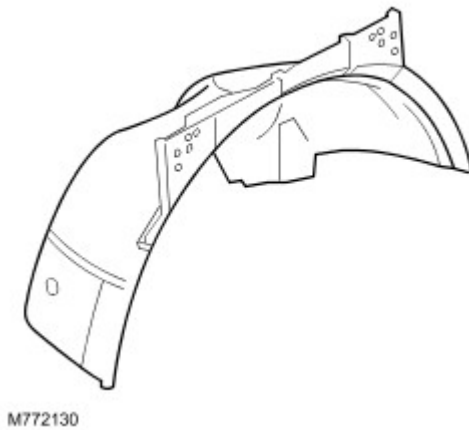
3 . Adjust headlamps.

For additional information, refer to [Headlamp Adjustment \(86.40.17\)](#)

Front Wheelhouse

Removal

- 1 . Remove the front wheel speed sensor and shield, if fitted.
For additional information, refer to [Front Wheel Speed Sensor \(70.65.30\)](#)
- 2 . Remove the front fender top panel.
For additional information, refer to [Front Fender Top Panel LH](#) or
For additional information, refer to [Front Fender Top Panel RH](#)
- 3 . Collect the wheelhouse.



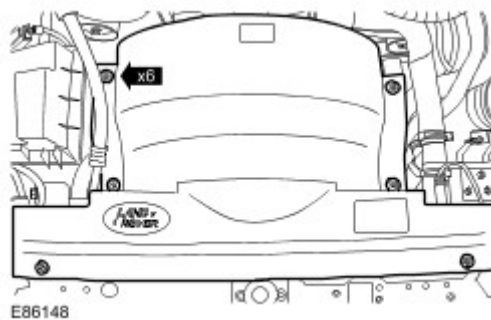
Installation

- 1 . Fit the wheelhouse.
- 2 . Fit the front fender top panel.
For additional information, refer to [Front Fender Top Panel LH](#) or
For additional information, refer to [Front Fender Top Panel RH](#)
- 3 . Fit the front wheel speed sensor and shield, if fitted.
For additional information, refer to [Front Wheel Speed Sensor \(70.65.30\)](#)

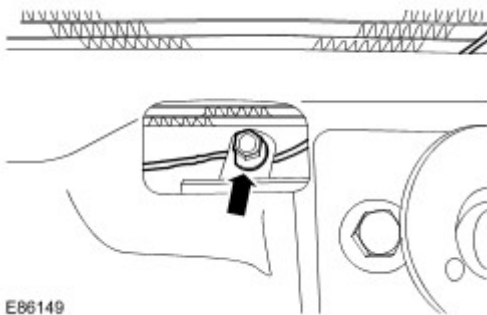
Hood Latch Panel (76.16.22)

Removal

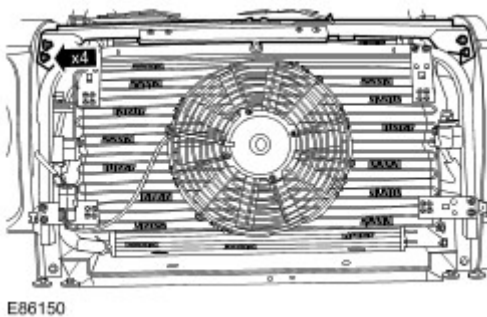
- 1 . Disconnect the battery ground cable.
For additional information, refer to [Battery Disconnect and Connect](#)
- 2 . Remove the radiator grille.
For additional information, refer to [Radiator Grille \(76.55.03\)](#)
- 3 . Remove the cooling fan upper shroud.
▶ Release the 6 clips.



- 4 . Loosen the hood release cable.



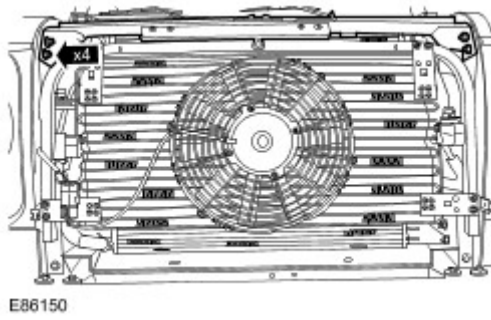
- 5 . Remove the hood latch panel.
▶ Remove the 4 nuts and studs.



Installation

- 1 . To install, reverse the removal procedure.

▶ Tighten the nuts to 23 Nm (17 lb.ft).

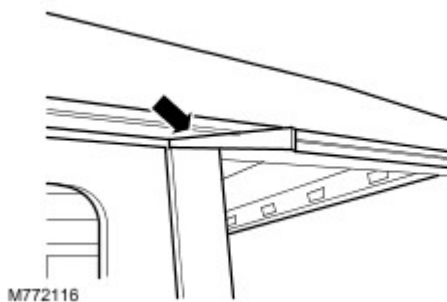


- 2 . Connect the battery ground cable.
For additional information, refer to [Battery Connect](#).

Windshield Frame

Removal

- 1 . Disconnect both battery leads, negative lead first.
- 2 . Raise side of vehicle.
- 3 . Remove front and centre headlining sections.
- 4 . Remove both A-pillar trims.
- 5 . Remove front door aperture seals.
- 6 . Release upper front corner of rear door aperture seal.
- 7 . Remove both wiper pivot arms.
For additional information, refer to [Front Wiper Pivot Arm \(84.15.02\)](#).
- 8 . Remove windshield.
- 9 . Remove all roof fixings, back to the B-pillar.
- 10 . Release sealant securing front edge of roof.
- 11 . Insert wedges into top of both B-pillars. This will allow access for removal of screen aperture.



- 12 . With assistance remove windshield frame.



Installation

- 1 . Prepare and clean panel joint faces.

2 . NOTE:

When refitting, ensure windshield frame is correctly fitted onto location pins in bulkhead.

Reverse removal procedure. Fit new foam seal to top edge of windshield frame.

3 . NOTE:

White roof vehicles use a white sealant. Coloured roof vehicles use a black sealant.

When applying sealant to top edge of windshield frame, the correct colour sealant must be used, see note below.