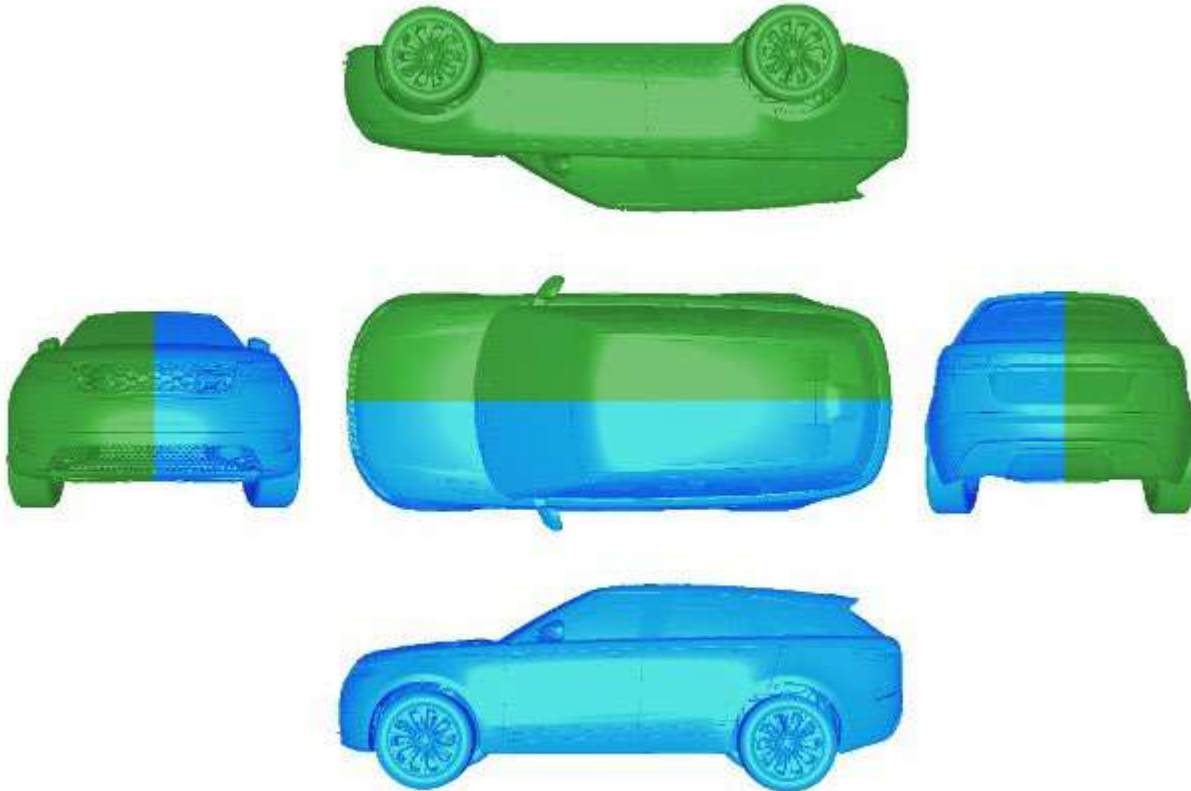
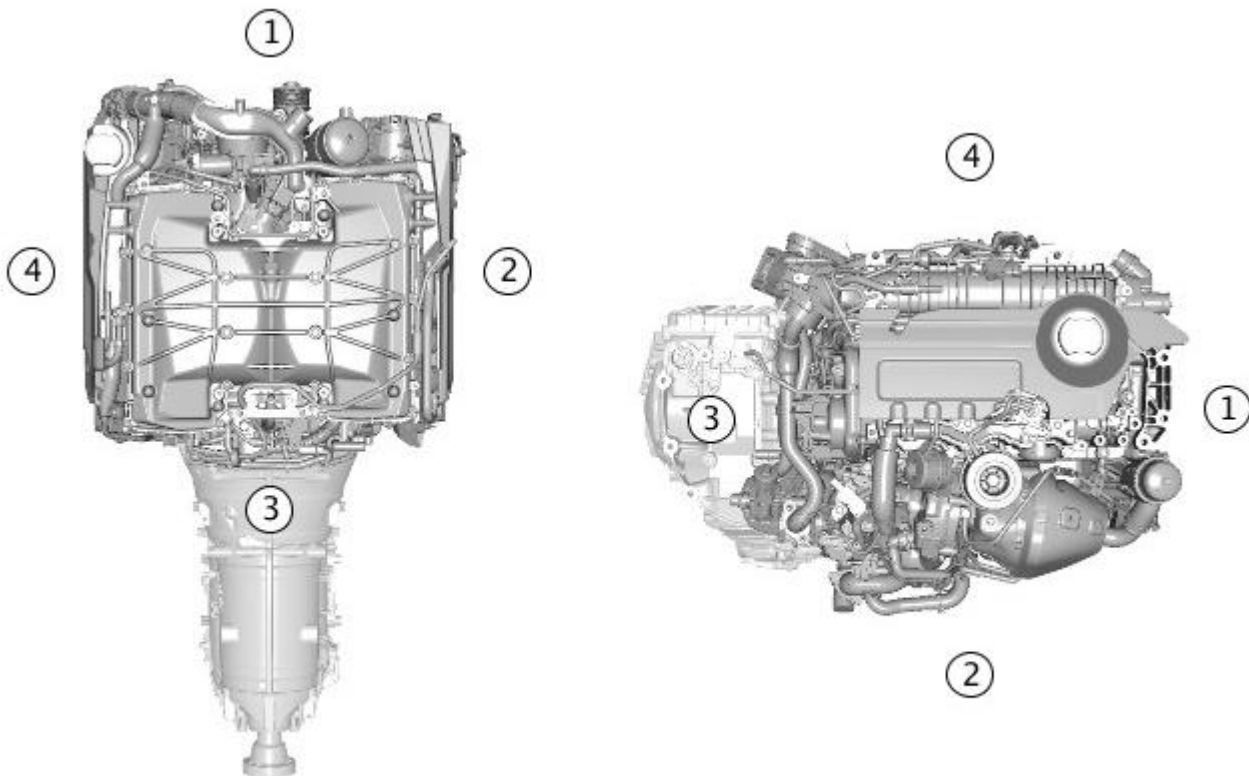




E222998

Engine

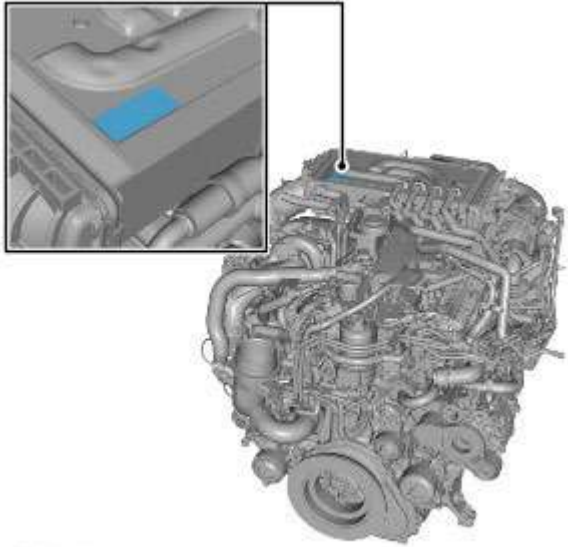
Positional references of the engine are always from the flywheel, or drive plate, looking towards the crankshaft pulley.



E222999

Item Description

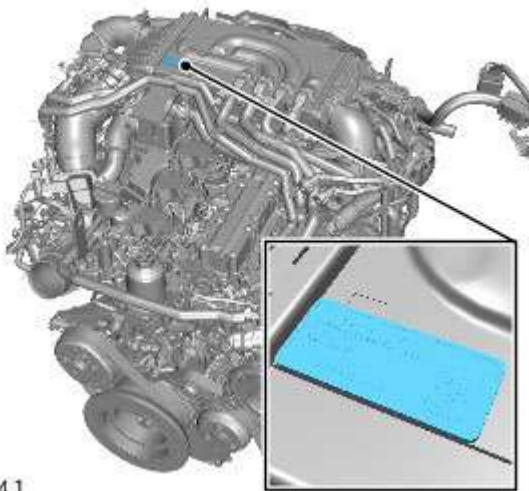
- 1 Front
- 2 Right



E246072

The engine serial number is visible on the charge air cooler.

3.0L I6 Petrol Engine

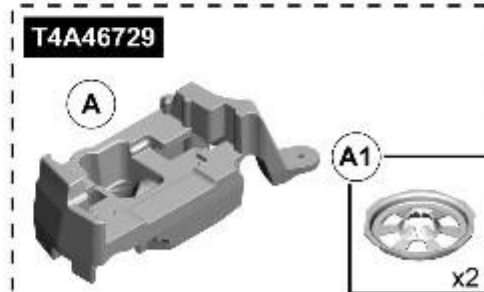
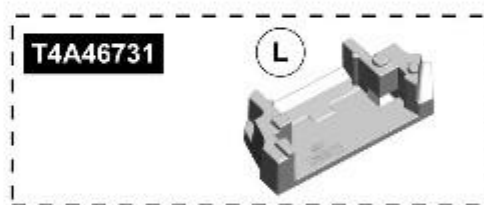
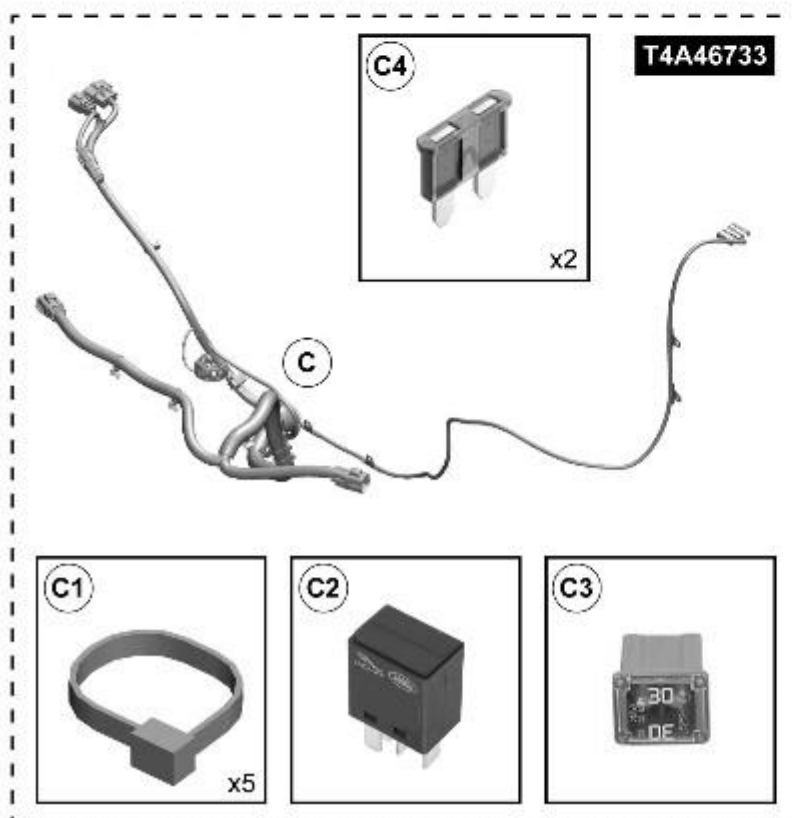
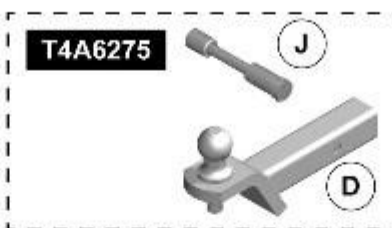
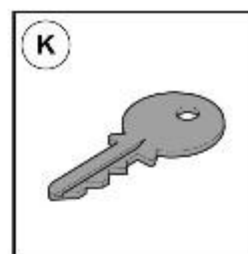
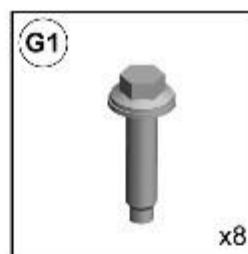
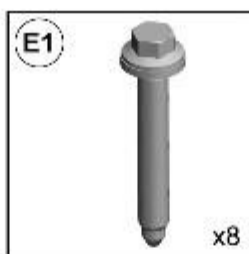
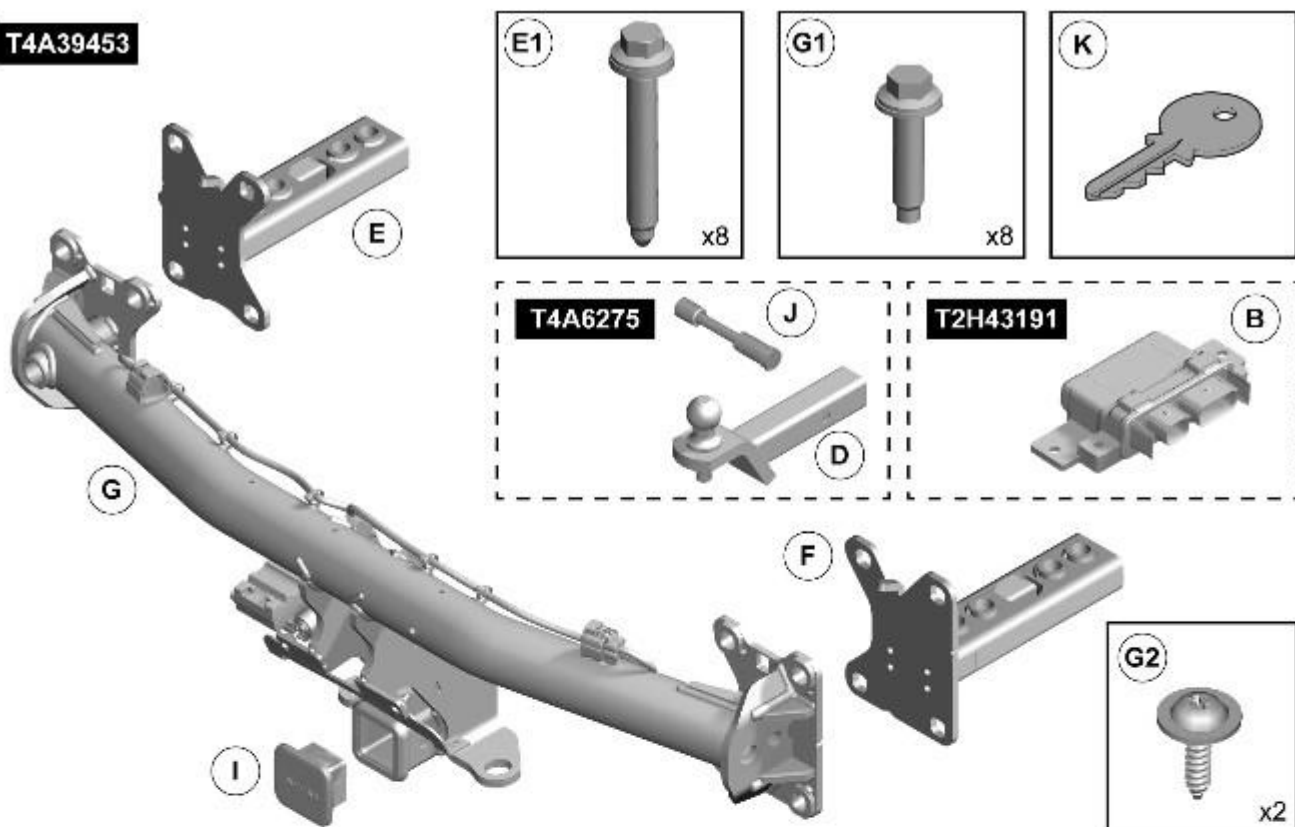


E235941

The engine serial number is visible on the charge air cooler.

2.0L I4 Diesel Engine

T4A39453



E296669

NOTE:

Motor vehicle data, Australian towbar.

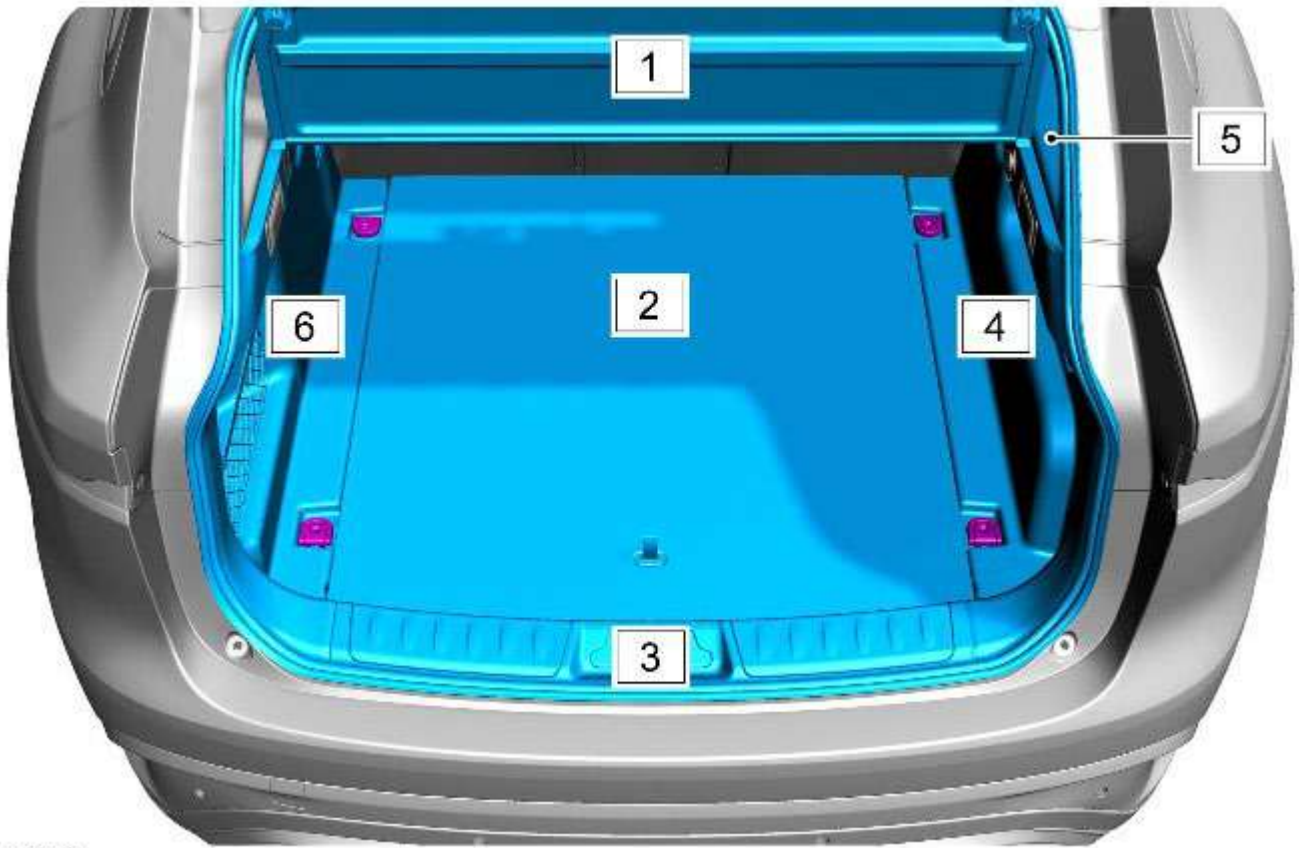
	Specifications
D-value	12.38kN
Vertical coupling load	175kg
Coupling class	A50-X
Manufacturer	Brink Towing Systems B.V.

Model application	F-Pace
Maximum trailer weight	2400kg (2000kg PHEV)

Removal

1. Fold down second row seats. Please see Owner's Handbook if unsure how to do this.
2. NOTE:

Appearance of the loadspace stowage compartment will vary depending on the vehicle specification.



E265976

Remove parts in this order.

1. Remove parcel shelf.
 2. Remove x4 D-loops.
 3. Remove loadspace floor.
3. NOTE:

Appearance of the loadspace stowage compartment will vary depending on the vehicle specification.

Published: 26-Sep-2017

2022.0 F-PACE (X761), 303-04E

Fuel Charging and Controls - V8 S/C 5.0L Petrol

Fuel Injection Component Cleaning (G1202495)

GENERAL PROCEDURES

General Equipment

Equipment name

Pneumatic vacuum gun

Cleaning

WARNINGS:

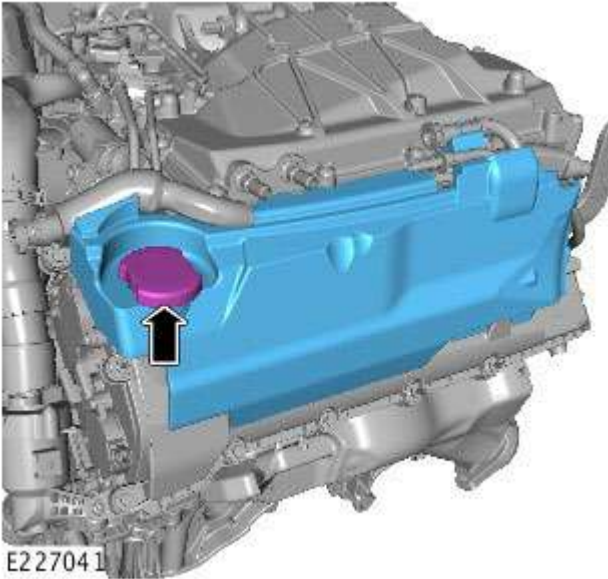
- Do not carry out any repairs to the fuel system with the engine running. Failure to follow this instruction may result in personal injury.
- Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.
- If fuel contacts the eyes, flush the eyes with cold water or eyewash solution and seek immediate medical attention.
- Place the vehicle in a well ventilated, quarantined area and arrange ' No Smoking/Petrol Fumes' signs about the vehicle.
- Wash hands thoroughly after fuel handling, as prolonged contact may cause irritation. Should irritation develop, seek medical attention.
- Do not carry or operate cellular phones when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.

CAUTIONS:

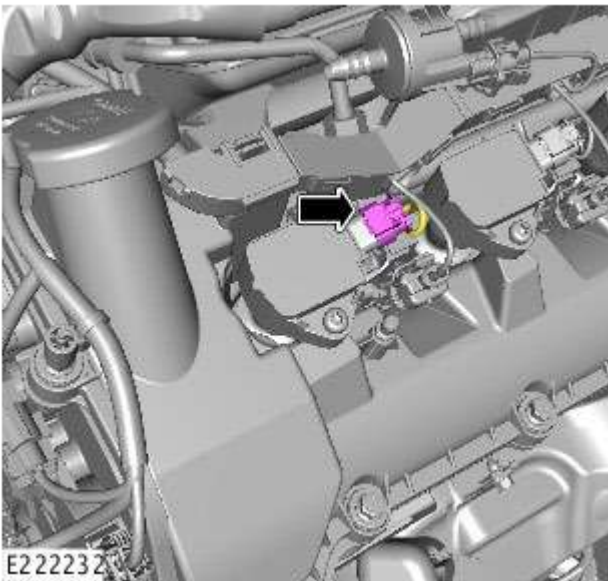
- Before using the cleaning fluid, protect all electrical components and connectors with lint-free non-flocking material.
- Make sure that all parts removed from the vehicle are placed on the lint-free non-flocking material.
- Make sure that any protective clothing worn is clean and made from lint-free non-flocking material.
- Make sure that clean non-plated tools are used. Clean tools using a new brush that will not lose its bristles, prior to starting work on the vehicle.
- Use a steel topped workbench and cover it with clean, lint-free non-flocking material.
- Make sure the workshop area in which the vehicle is being worked on is as clean and as dust free as possible. Foreign matter from work on clutches, brakes or from machining or welding operations can contaminate the fuel system and may result in later malfunction.

1. Disconnect the startup battery ground cable.

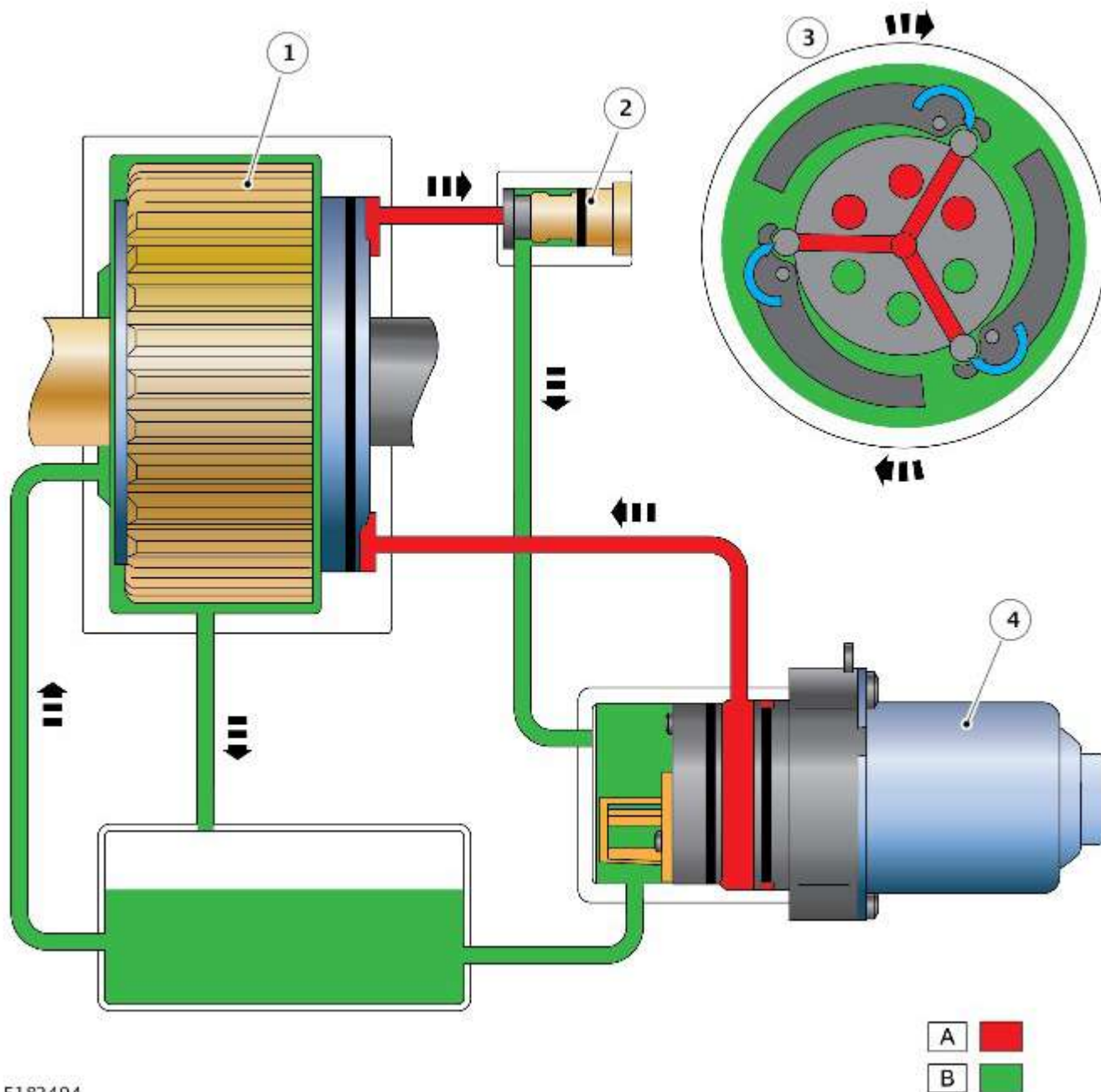
Refer to: Startup Battery Disconnect and Connect (414-00 Battery and Charging System - General Information, General Procedures).



2.
 - Remove oil filler cap.
 - Remove the Noise, Vibration and Harshness (NVH) material.
 - Install the oil filler cap.



3. Disconnect the electrical connector.



E182494

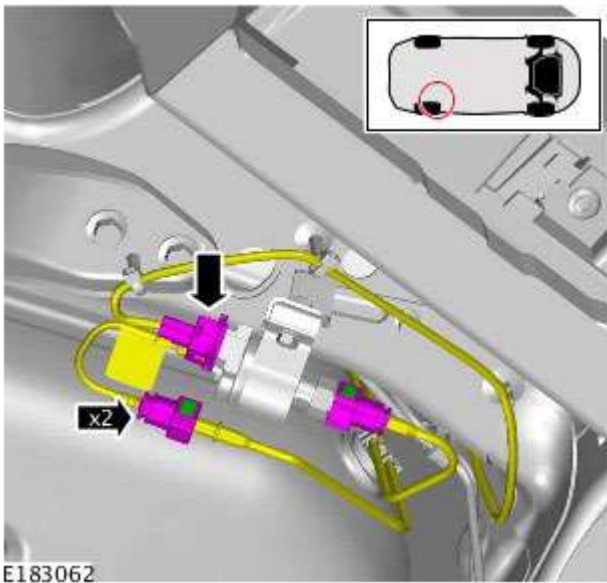
Item	Description
A	Working pressure
B	Atmospheric pressure
1	Multiplate clutch
2	Bleed valve
3	Pressure regulating valves closed
4	Transfer case actuator

The latest innovation in electro-hydraulic control provides the system with pre-emptive and response within 165 milliseconds. The axial piston pump with innovative centrifugal pressure control eliminates the need for an accumulator and solenoid valve.

The transfer case actuator is powered by an electric motor and consists of:

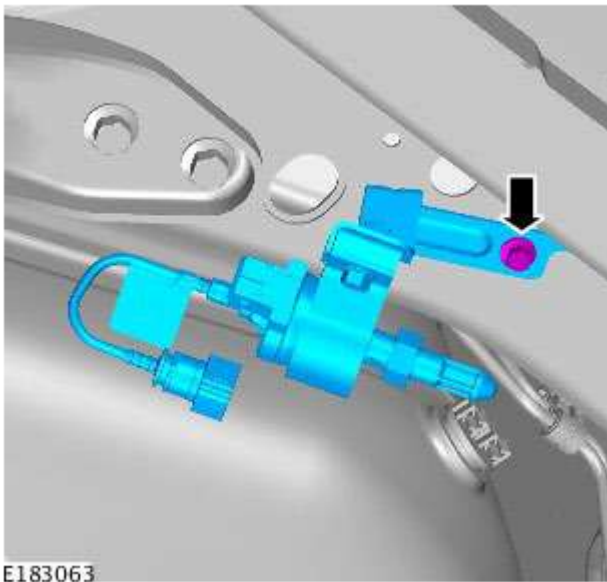
- a barrel with pistons
- a pump-lid with suction and discharge ports
- a swash plate and pressure regulating valves.

Rotary motion is converted to linear motion by the angular swash plate. As the barrel rotates, the pistons start to



3. NOTE:

Note the orientation of the component prior to removal.



Torque: 12Nm

Installation

1. CAUTION:

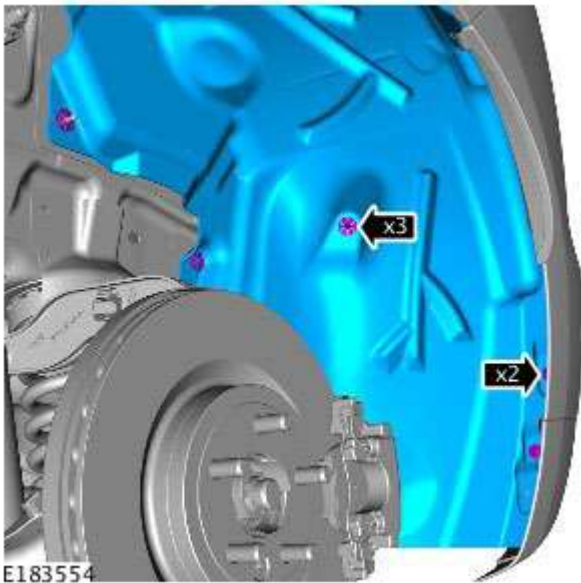
Ensure the FFBH operates correctly after pump replacement by conducting an Activation Test via SDD

NOTE:

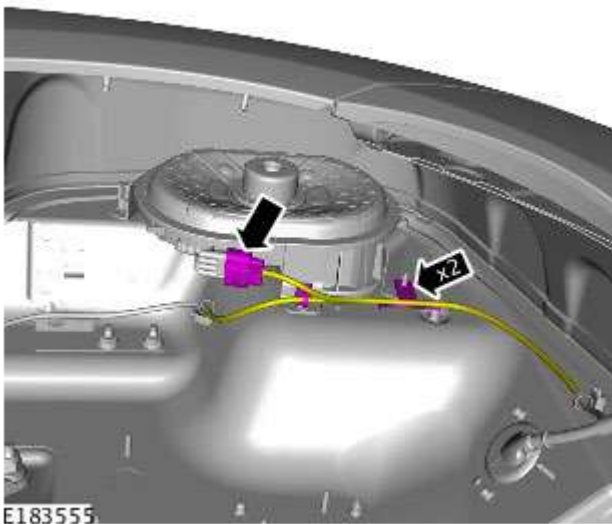
Make sure that the component is installed to the position noted on removal.

To install, reverse the removal procedure.

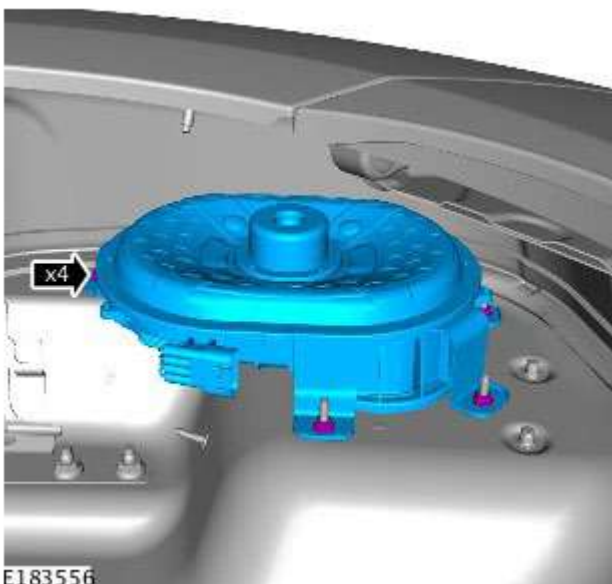
2. Refer to: Fuel System Bleeding (310-00 Fuel System - General Information, General Procedures).



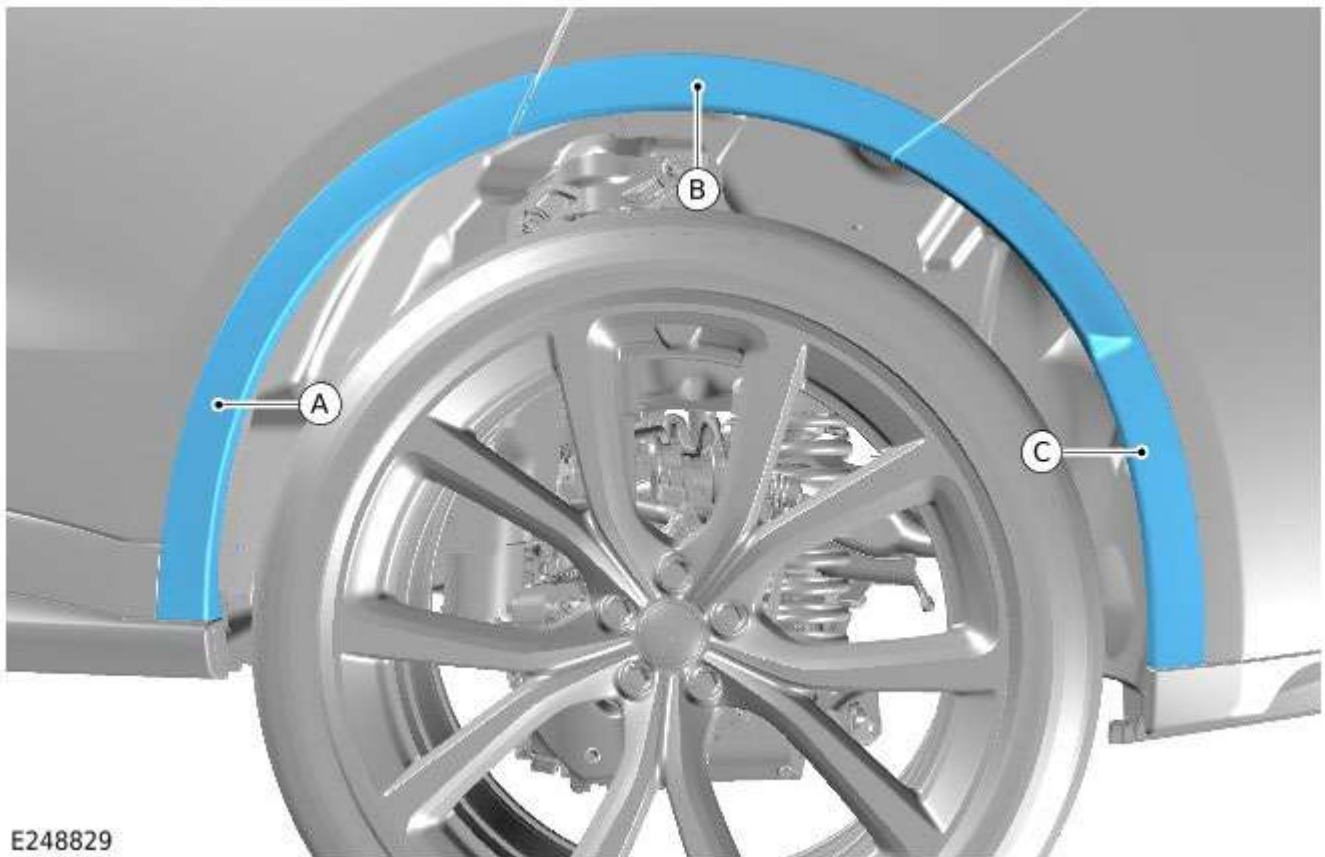
4. E183554
Remove the rear section of the rear wheel arch liner.



5. E183555
Disconnect the connectors.

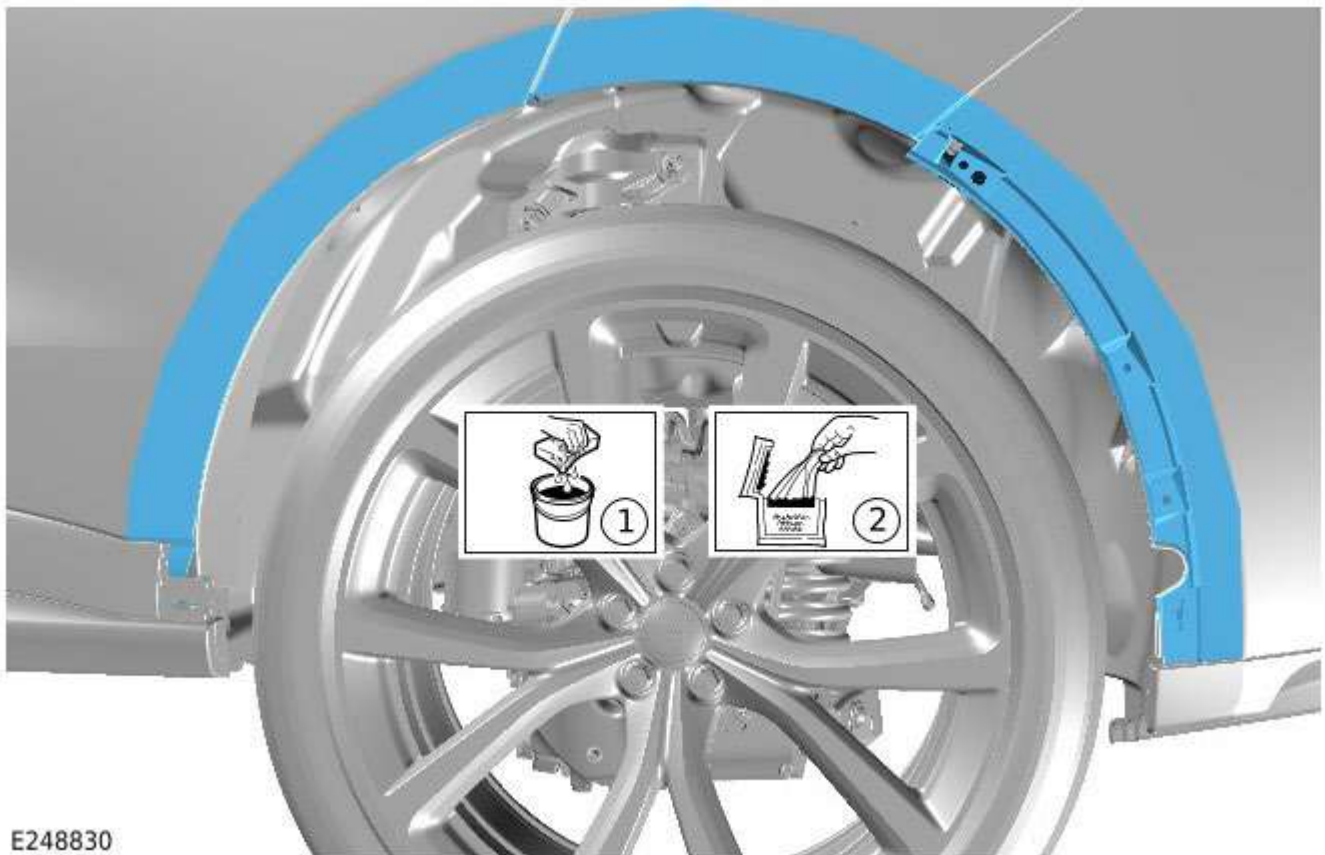


6. E183556
Remove the subwoofer speaker.
Torque: 6Nm



E248829

- Carefully remove the rear wheel arch moulding(s) as required.
- (A) Rear door wheel arch moulding.
- (B) Quarter panel wheel arch moulding.
- (C) Rear bumper wheel arch moulding.



E248830

3.
 - (1) Make sure that the area is clean and free of foreign material using warm water only.
 - (2) Clean the area shown with the 3M surface cleaner sachet provided.

Handles, Locks, Latches and Entry Systems

Exterior Door Handle Assembly (G2271980)

GENERAL PROCEDURES

Activation

CAUTION:

Do not dismantle pre-assembled exterior door handles before painting as this will cause damage to the weatherproof seals.

NOTES:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

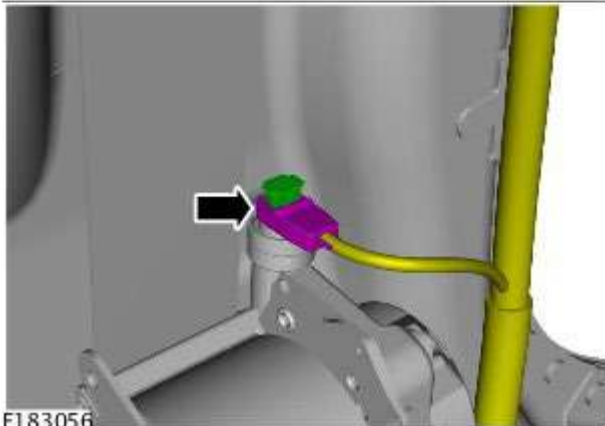
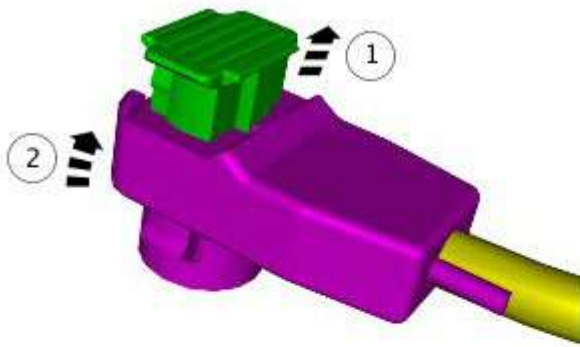
1. NOTE:

This step only applies to chrome handles with painted inserts.

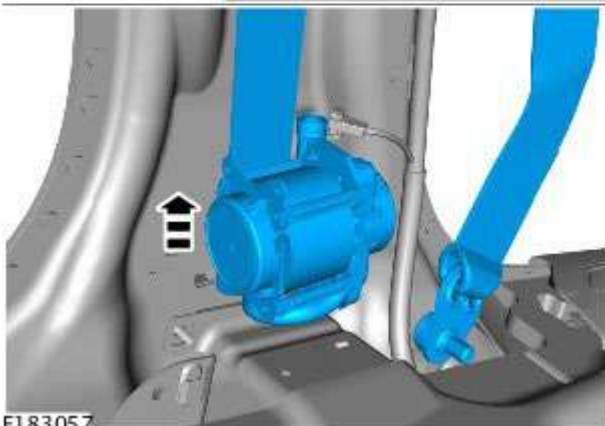
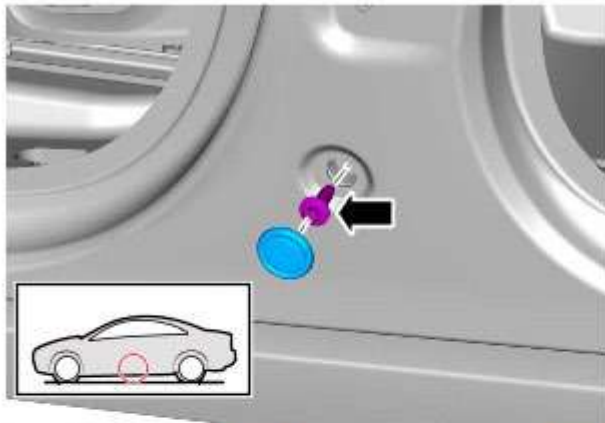


E212042

- 1) Install the exterior door handle insert into the exterior door handle cover.
- 2) The painted exterior door handle insert is shown in the installed position.
- 3) Inspect from the rear to make sure that all of the clips are correctly installed.



6.



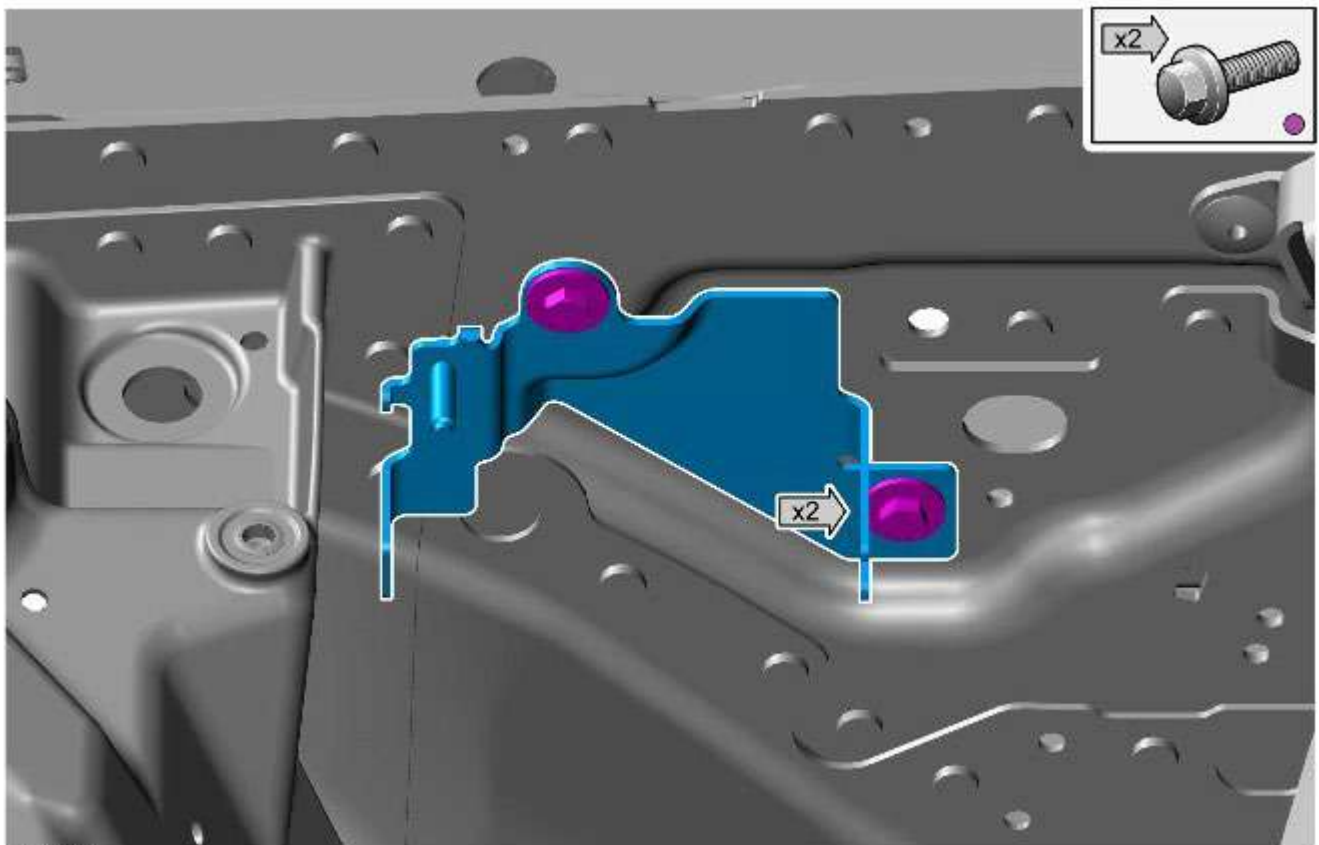
7.

E183057

Torque: 40Nm

The following step(s) applies to:
Vehicles with power seats

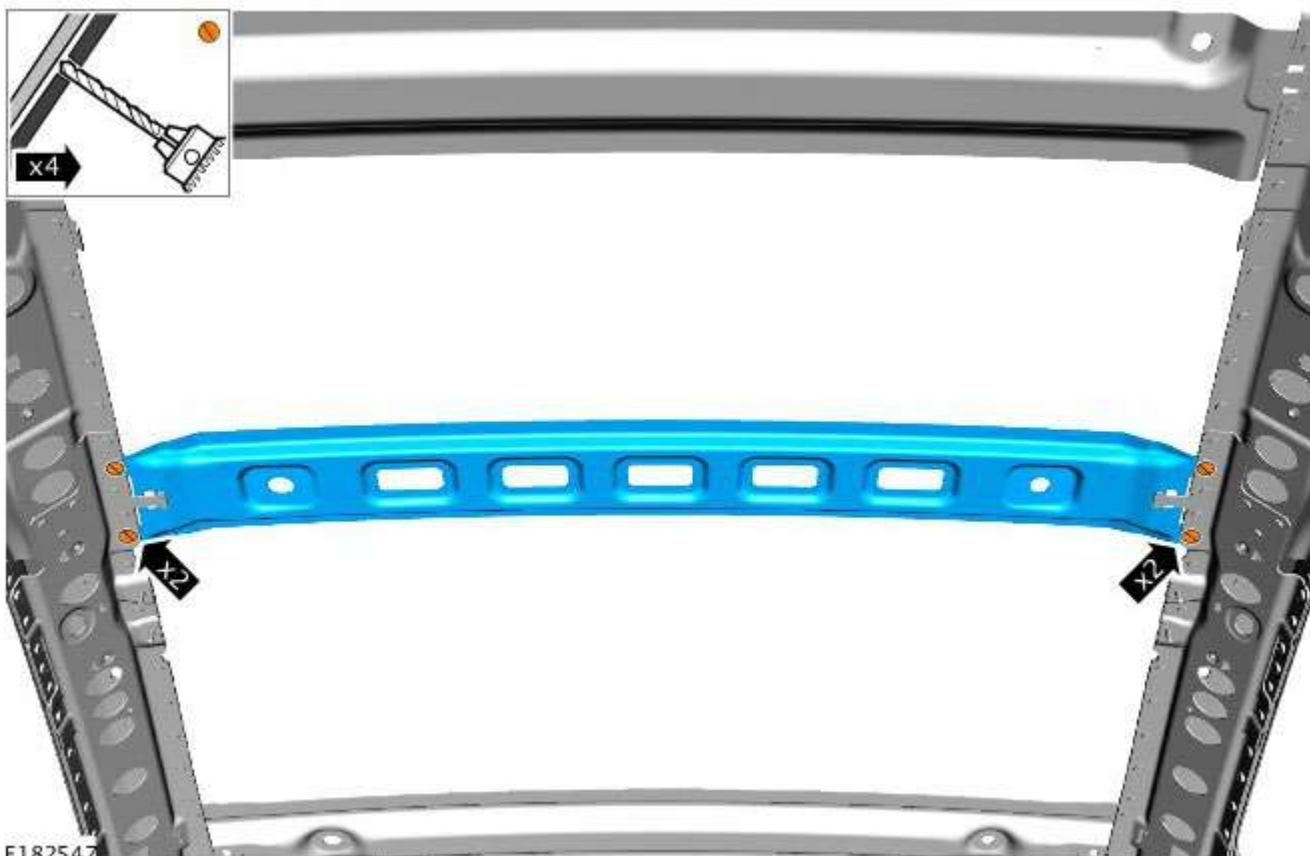
1. NOTE:



19. E271472
Remove the bolts and bracket as indicated.



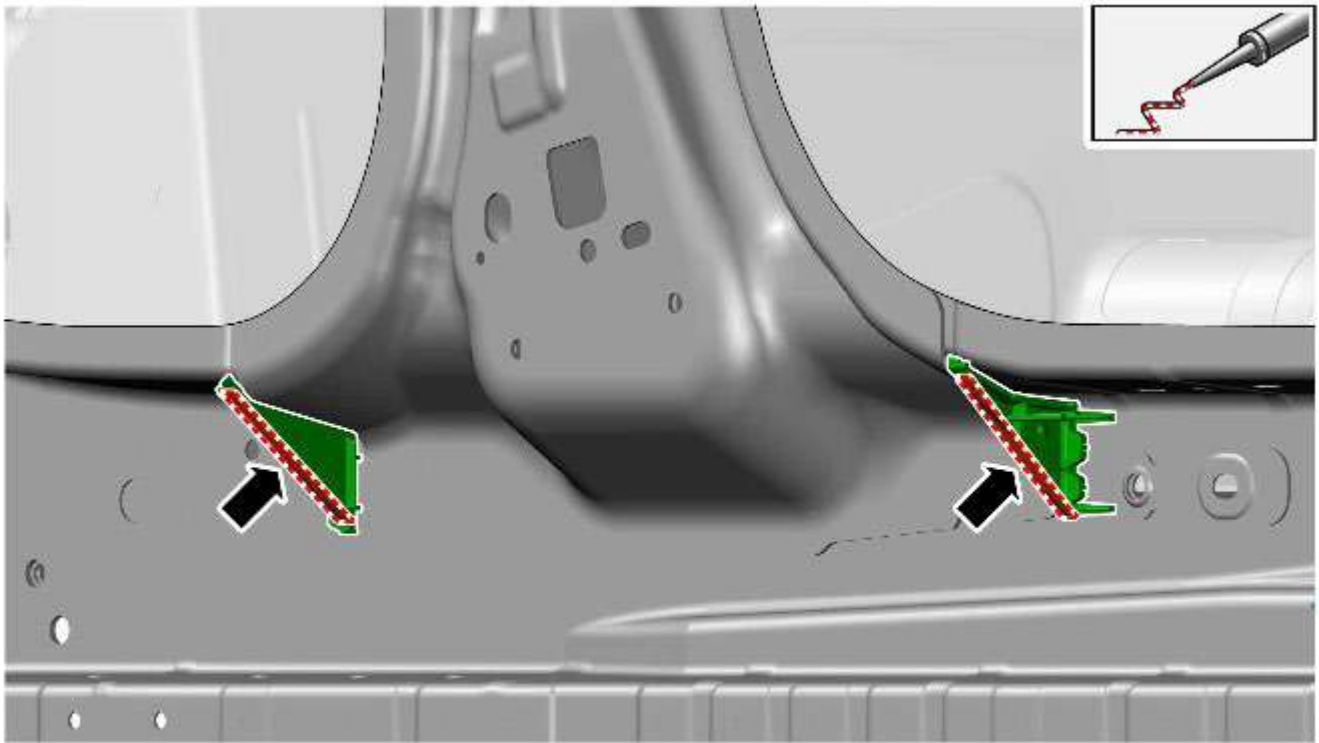
20. E271473
Remove the bolt as indicated.



10. Remove the SPR's as indicated.

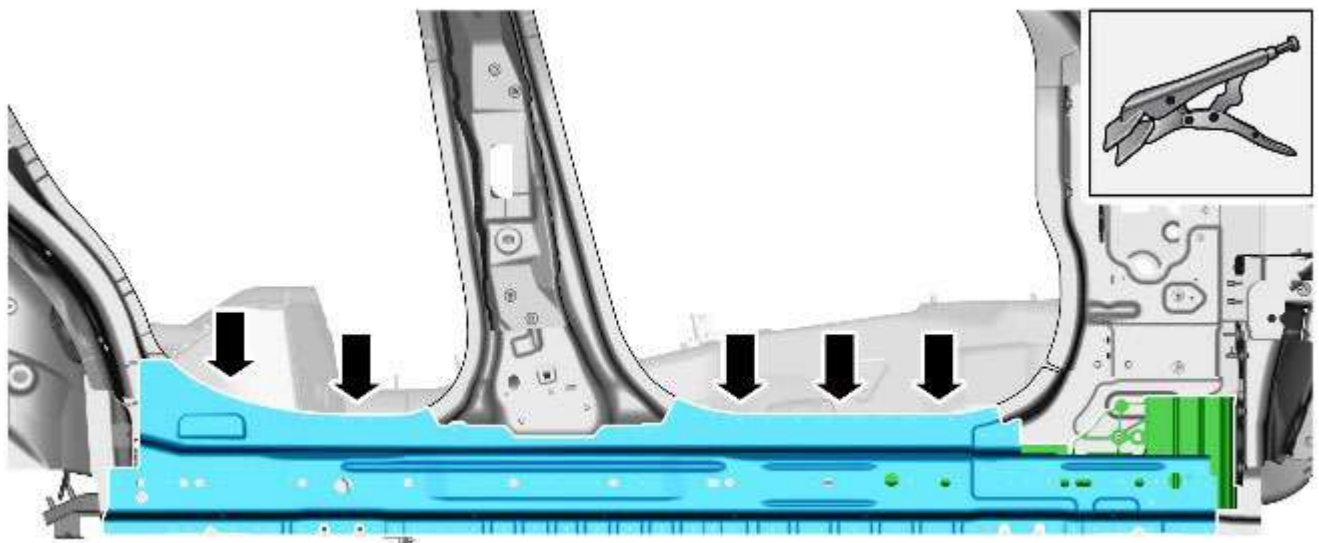


11. Carefully build an expansion space between the center roof panel reinforcement and the side panel reinforcement as indicated.



7. E275870

Apply a 5 mm zig zag bead of the JLR recommended sealing material as indicated.



8. E275871

Offer up the new rocker panel reinforcement and clamp into position as indicated. Check alignment, if correct proceed to next step, if not rectify and check the alignment again before proceeding.