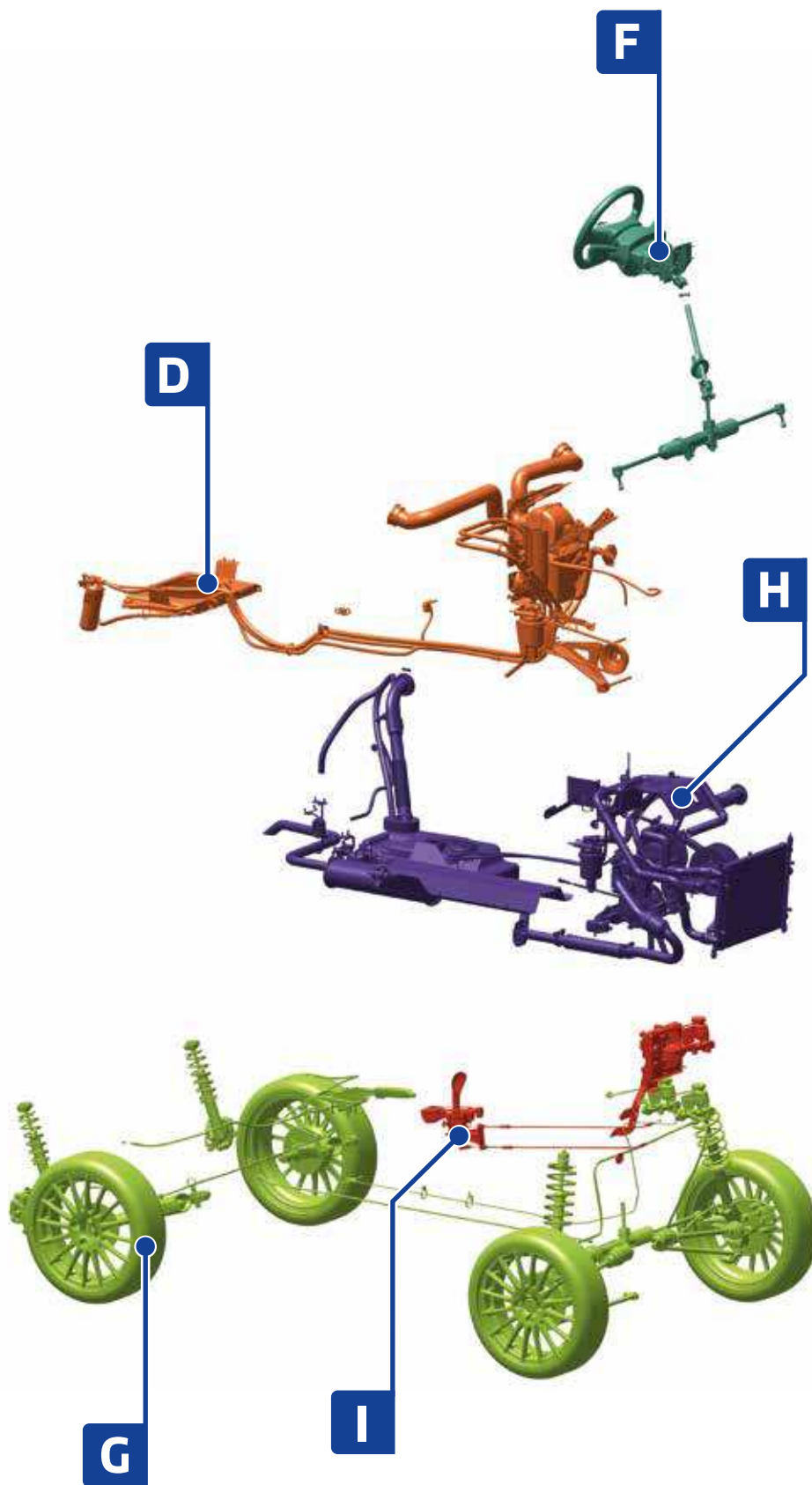




Introduction

Bodywork &
Chassis

Windows

Passenger
compartment

Heating &
Air-conditioning

Electricity

Steering

Wheels &
brakes

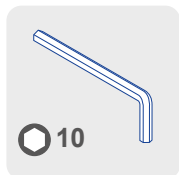
Engine
& fuel supply

Transmission

Foreword

Tools

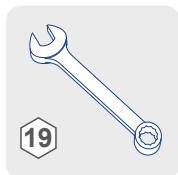
This section describes all the tools mentioned in this manual:



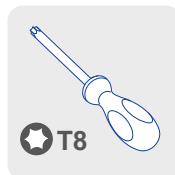
Allen key



Socket wrench



Open-end wrench



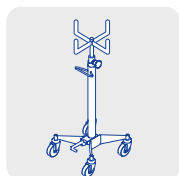
Screwdriver



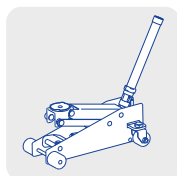
Ratchet screwdriver



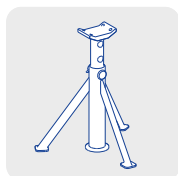
Torque wrench



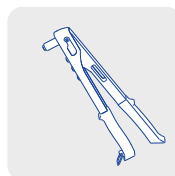
Pit cylinder



2-tonne jack



2-tonne axle stands



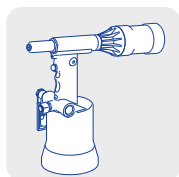
Rivet gun



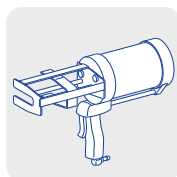
Tachometer



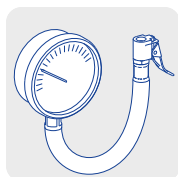
Screw gun



Staking machine



Double piston glue gun



Manometer



Pneumatic cutter



2-post lift

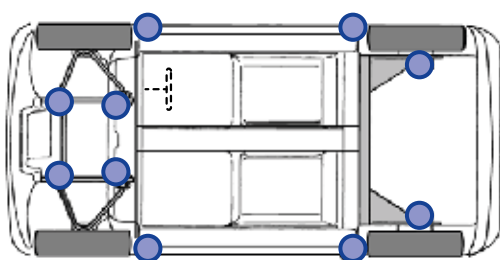


4-post lift



Workshop crane

Lifting points



● Lifting points under the body structure.

Summary table of times for each operation

Operation	Procedure code	Operation type	Time
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Windows

B

Windscreen	GL5000	Replacement	2.50 h
Tailgate window	GL5003	Replacement	1 h
Quarter window	GL5001 (1 side) GL5002 (2 sides)	Replacement	1.50 h (GL5001) 3.00 h (GL5002)
Door window	GL5004	Removal - Installation	0.40 h

Passenger compartment

C

Dashboard	PB5009	Removal - Installation	1.10 h
Heater vent	CR5003	Removal - Installation	0.67 h
Glove box	PB5012	Removal - Installation	0.25 h
Accessory support	PB5008	Removal - Installation	1.25 h
Fan buttons	PB5006	Removal - Installation	1.25 h
Front part carpet	CS5023	Removal - Installation	0.20 h
Safety belt	DV5000 DV5001	Removal - Installation	0.30 h 0.60 h
Windscreen pillar	CS5006	Removal - Installation	0.10 h
Roof panel fabric	CS5016	Removal - Installation	1.30 h
Boot fabric	CS5020	Removal - Installation	0.25 h
Passenger seat	SI5001	Removal - Installation	0.10 h
Driver's seat	SI5000	Removal - Installation	0.10 h

Heating & Air-conditioning

D

Engine radiator	CR5010	Removal - Installation	0.70 h
Passenger compartment heater box	CR5012 without air conditioning CR5812 with air conditioning	Removal - Installation	2.80 h without air conditioning 3.50 h with air conditioning
Passenger compartment heater motor	CR5002	Removal - Installation	2.75 h
R/I air conditioning compressor	CL5001	Removal - Installation	1.45 h
Air conditioning condenser	CL5002	Removal - Installation	0.50 h
Low pressure hose expansion valve - compressor	CL5003	Removal - Installation	2.50 h
High pressure hose expansion valve - dryer	CL5004	Removal - Installation	2.60 h
High pressure hose condenser - dryer	CL5005	Removal - Installation	2.45 h
High pressure hose compressor - condenser	CL5006	Removal - Installation	1.60 h





Equipment required

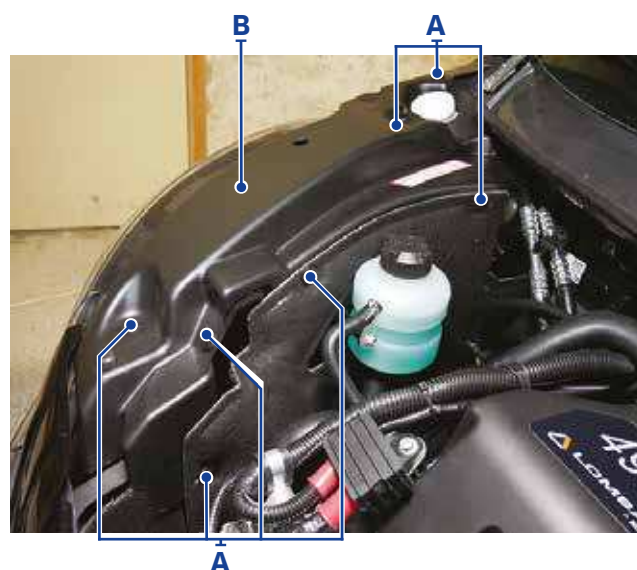
Special tools	Quantities	References
Compressor	1	-
Heat gun	1	-
Glue gun	1	-
PPE		
Gloves	1	-
Mask	1	-
Consumables / Ingredients		
Adhesive tape	1	-
Bodywork primer kit	1	-
Glue cartridges	2	-
Precision knife	1	-



This procedure is identical for the driver and passenger side

Removal procedure

1. Remove the 7 plasti-rivets **A** from the wing inner panel **B** on the passenger side.
2. Remove the wing inner panel **B** on the passenger side.





Engine support mount on the driver's side

CA5009



Equipment required

Special tools	Quantities	References
Size 19 hex socket	1	-
Allen key	1	-
2-post lift	1	-
Workshop crane	1	-
PPE		
Gloves	1	-
Consumables / Ingredients		
Thread-locking fluid	1	-

Preliminary procedures

Operations	Procedure types	Pages
Ignition off + parking brake shunt fuse removed	-	-
Bonnet	Removal / Installation	A-19
Front bumper	Removal / Installation	A-2
Headlight	Removal / Installation	E-42
Front shock absorber	Partial removal	G-24



Make a mark on the support mount and the engine cradle. This will make it easier to position the support mount during the installation if the support mount is not replaced.



Removal procedure

Outside the vehicle on the driver's side:

1. Remove the 4 screws **A** from the wheel **B**.
2. Remove the wheel **B**.

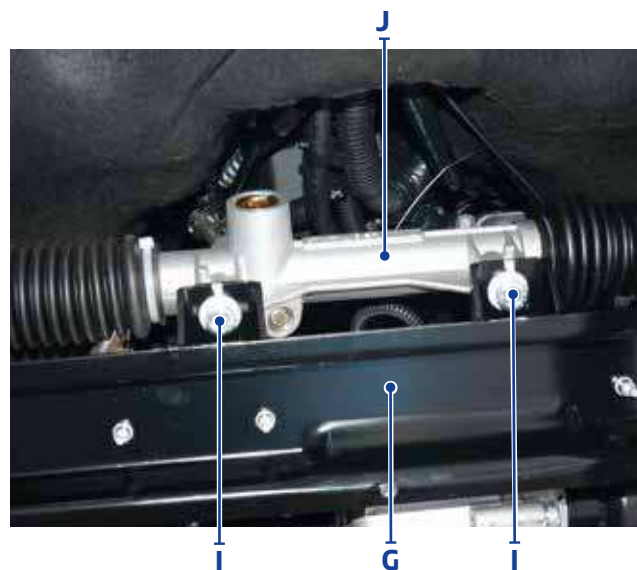


Engine mount

CA5005

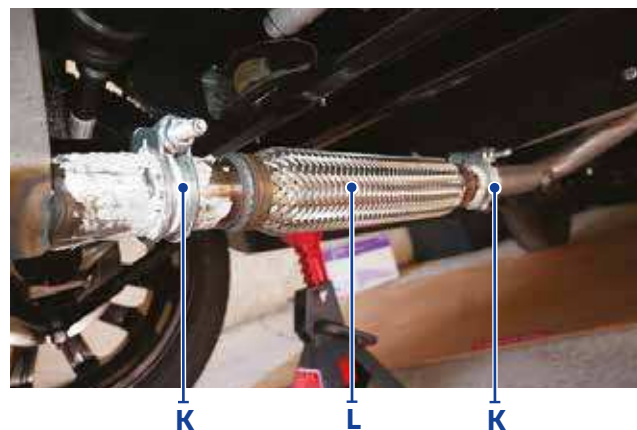
Under the vehicle:

- 8.** Remove the 2 screws **I** securing the rack **J** on the engine mount **G**.



- 9.** Remove the 2 clamps **K** from the exhaust hose **L**.

- 10.** Remove the exhaust hose **L**.



Outside the vehicle:

- 11.** Secure the final removal of the engine mount.



RISK

Lift the engine **M** using a workshop crane.



Refer to the DCI engine procedure to view the workshop crane anchoring points on the powertrain.





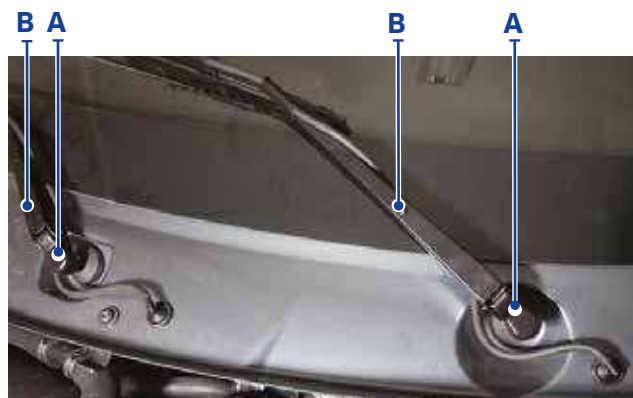
Equipment required

Special tools	Quantities	References
Size 13 wrench	1	-
Windscreen wiper arm extractor	1	-

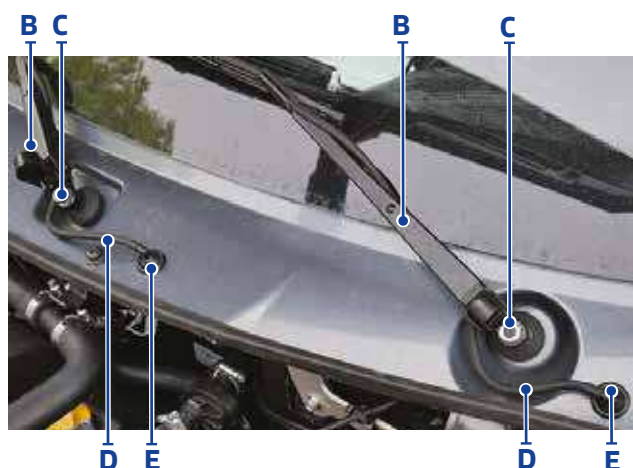
Removal procedure

Outside the vehicle:

1. Lift the two nut covers **A** on the windscreen wiper arms **B**.



2. Remove the nuts **C** from the windscreen wiper arms **B**.
3. Unclip the hoses **D** from the nozzles **E**.
4. Remove the windscreen wiper arm **B**.



Installation

To install, perform the removal operations in the reverse order.

1. Comply with the dimensions indicated on the photo measured from the windscreen washer nozzles to the edge of the windscreen.



During the installation, respect the tightening torques indicated on [page 9](#).





Equipment required

Special tools	Quantities	References
Allen key	1	-

Preliminary procedures

Operations	Procedure types	Pages
Ignition off + Parking brake shunt fuse removed	-	-



This procedure is identical for the driver and passenger side

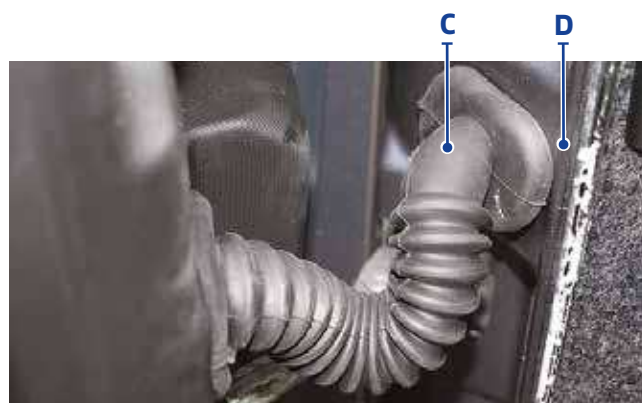
Removal procedure

Inside the vehicle:

1. With the door open, remove the screw **A** on the door retainer **B**.



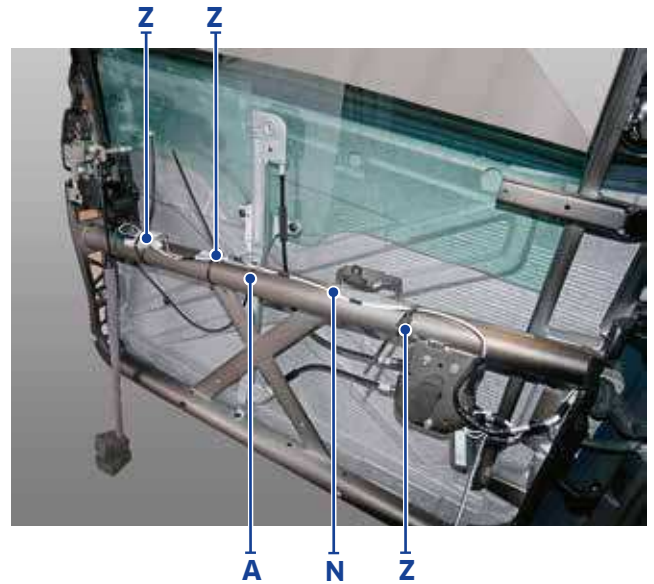
2. Separate the grommet **C** from the body **D**.



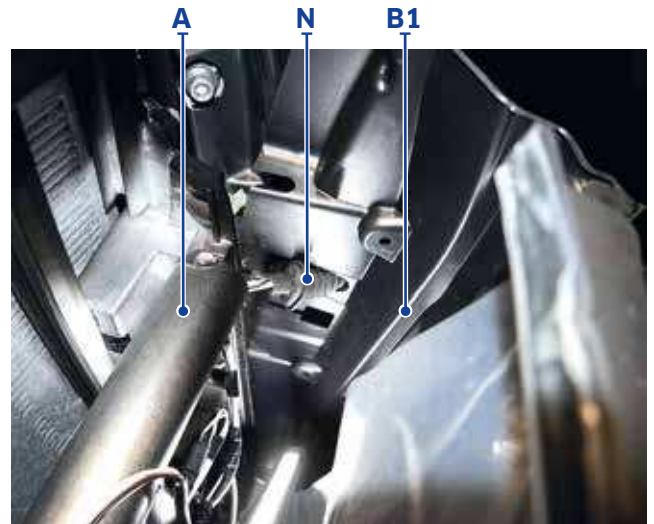
Door frame

P05022

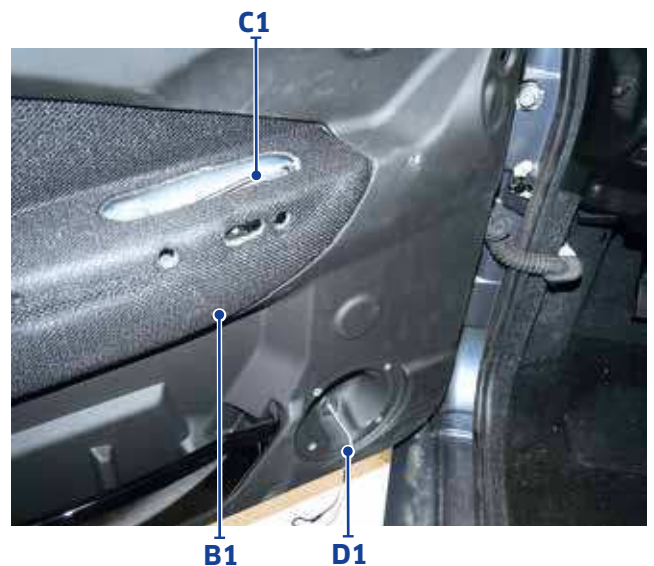
- 20.** Install the harness **N** on the door frame **A** secured with 3 ties **Z**.



- 21.** Install the outer door panel **B1** on the door frame **A** without tightening it.
22. On the hinge side, run the harness **N** through the inner door panel **B1**.



- 23.** Check that the inside opening cable **C1** is in place and accessible beneath the inner door panel **E1**.
24. Check that the connectors of the loud speaker **D1** run through the inner door panel **E1**.



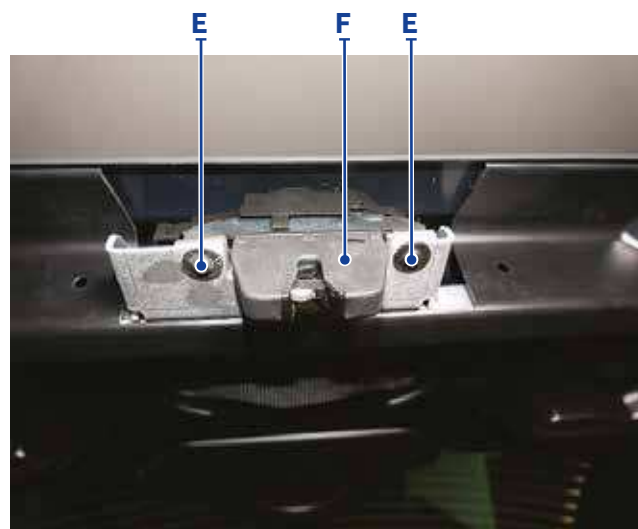
A

Bodywork & Chassis

Tailgate lock

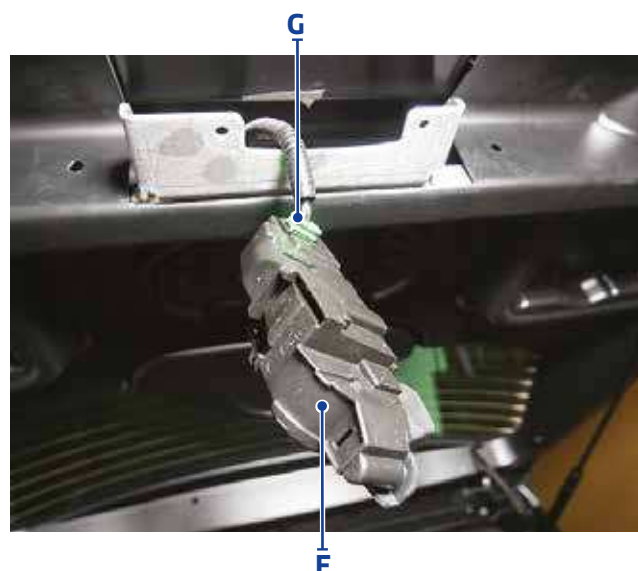
HA5005

4. Remove the 2 screws **E** from the lock **F**.



5. Disconnect the connector **G** from the lock **F**.

6. Remove the lock **F**.



Installation

To install, perform the removal operations in the reverse order.



During the installation, respect the tightening torques indicated on **page 9**.



Equipment required

Special tools	Quantities	References
Size 17 wrench	1	-
Flat screwdriver	1	-
Allen key	1	-
PPE		
Gloves	1	-

Preliminary procedures

Operations	Procedure types	Pages
Boot fabric	Removal / Installation	C-22

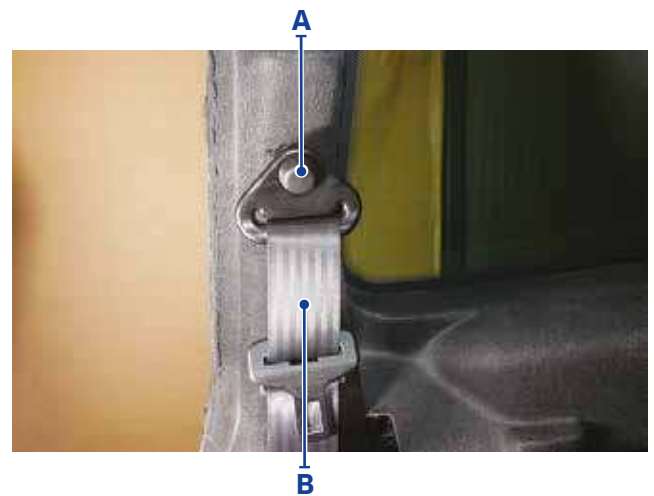


This procedure is identical for the driver and passenger side

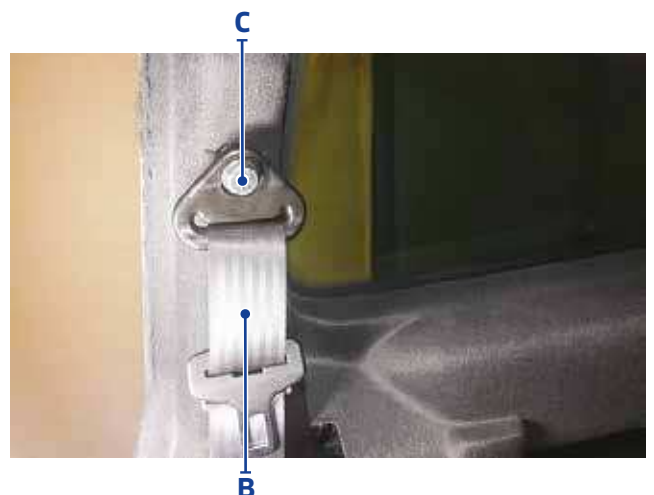
Removal procedure

Inside the vehicle:

1. Remove the screw cover **A** on the safety belt **B**.



2. Remove the screw **C** from the safety belt **B**.



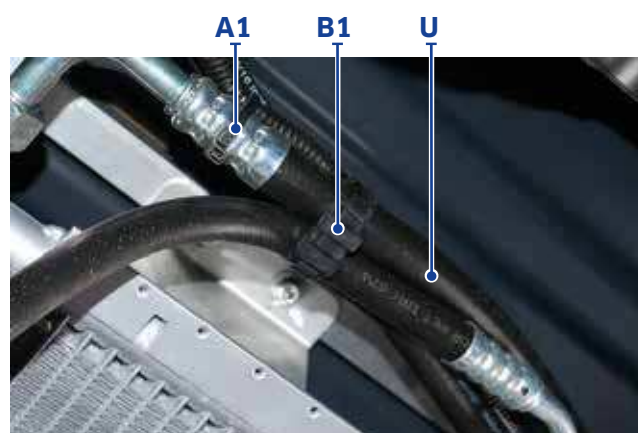
High pressure hose compressor - condenser

CL5006

- 13.** Remove the screw **W** from the hose clamp **X** securing the air conditioning hose **U**.

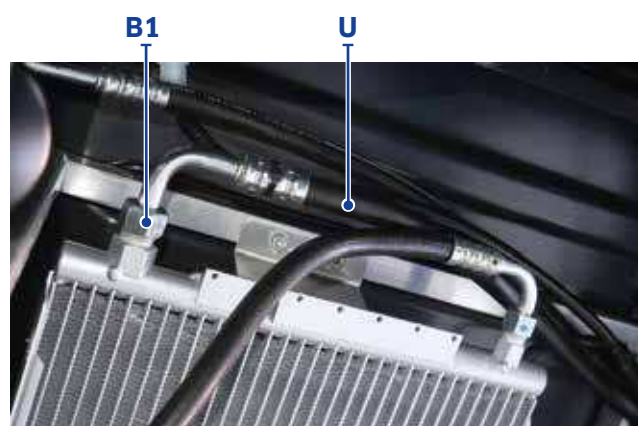


- 14.** Cut the 2 cable ties **A1** and **B1** securing the air conditioning hose **U**.



- 15.** Remove the fitting **B1** securing the air conditioning hose **U**.

- 16.** Remove the air conditioning hose **U**.



Installation

To install, perform the removal operations in the reverse order.



During the installation, respect the tightening torques indicated on **page 9**.



RISK

Replace the air conditioning hose gaskets after each operation.



RISK

Draining and filling of the air conditioning circuit.

To avoid any risk of contamination, contact an approved dealer.



RISK

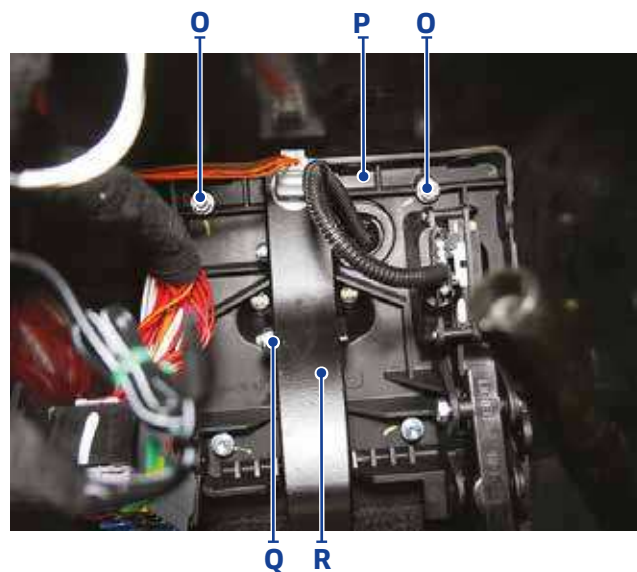
Nut **A**: tightening torque 45 Nm.

Dual windscreen wiper arm plate

ES5003

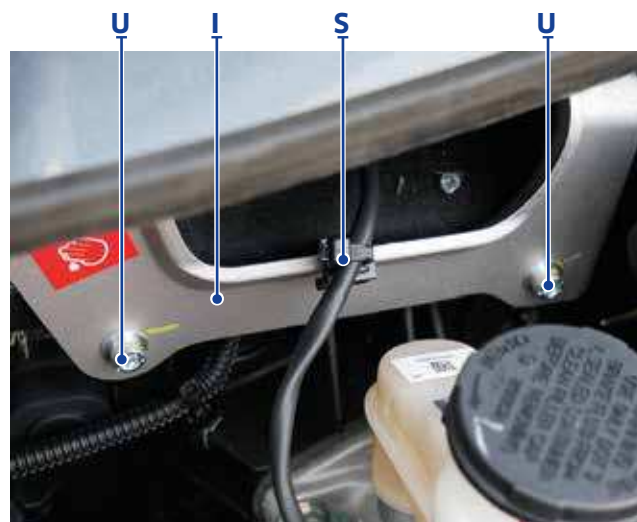
Inside the vehicle, under the dashboard:

- 10.** Remove the 2 nuts **O** at the top of the pedal plate **P**.
- 11.** Remove the nut and the screw **Q** from the brake pedal **R**.

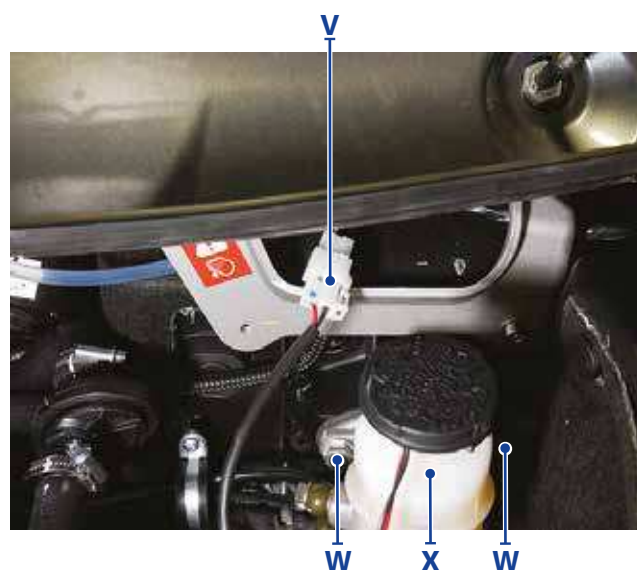


Outside the vehicle:

- 12.** Unfasten the clip on the edge of plate **S**.
- 13.** Remove the 2 screws **U** from the dual windscreen wiper plate **I**.



- 14.** Disconnect the connector **V** from the master cylinder **X**.
- 15.** Remove the 2 retaining nuts **W** from the master cylinder **X**.
- 16.** Partially remove the master cylinder **X** on the side.



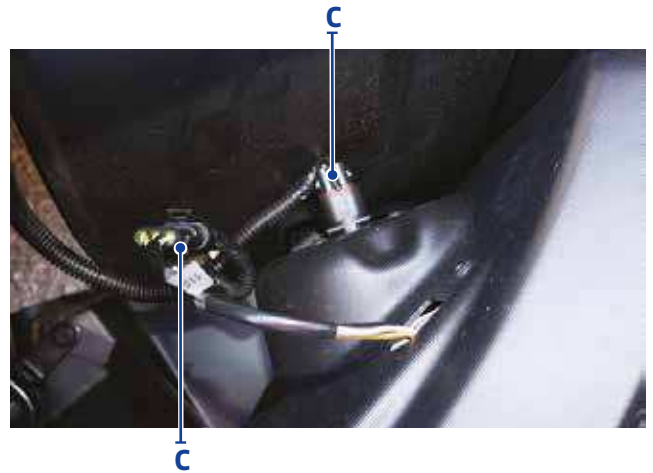
Electricity

E

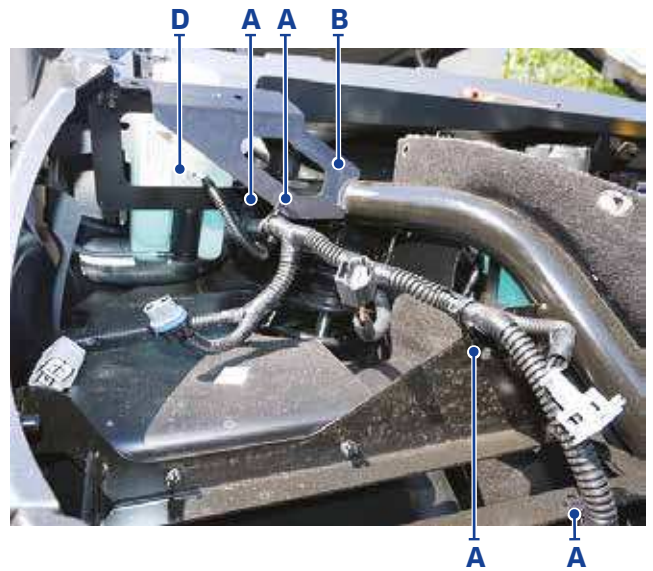
Body harness

EL5009

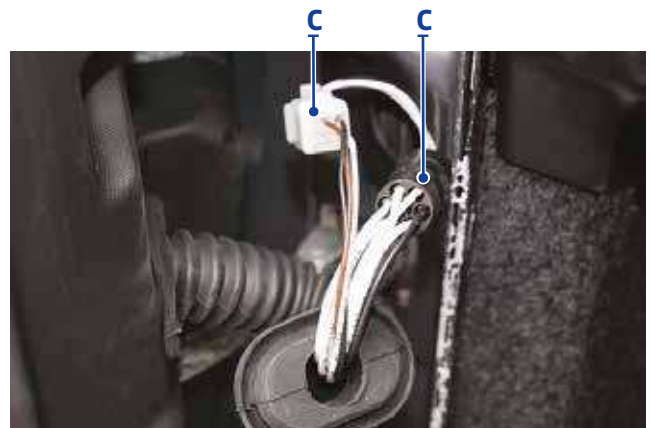
2. Remove the 2 connectors **C** from the foglight and front daytime running light on the driver side and the passenger side.



3. Remove the 4 clips **A** fitted on the wing inner panel **B** on the passenger side.
4. Remove the windscreen washer reservoir **D**.



5. Disconnect the connectors **C** from the door harnesses on the passenger side and the driver side.




0.75 h 1 side
1.50 h 2 sides

Front calliper piston seal

FR5026 (1 side)
FR5027 (2 sides)



Equipment required

Special tools	Quantities	References
Size 14 wrench	1	-
Micro-screwdriver	1	-
Vise	1	-
Compressed air gun	1	-
Compressor	1	-
PPE		
Gloves	1	-
Consumables / Ingredients		
Brake fluid	1	-
Cloth	1	-
Brake cleaner	1	-
Seal	2	-

Preliminary procedures

Operations	Procedure types	Pages
Front brake calliper or removal of the rear calliper	Removal / Installation	G-12 - G-39

Removal procedure

On a vise:

1. Remove the 2 screws **A**.
2. Separate the parts **B** and **C** composing the calliper.

