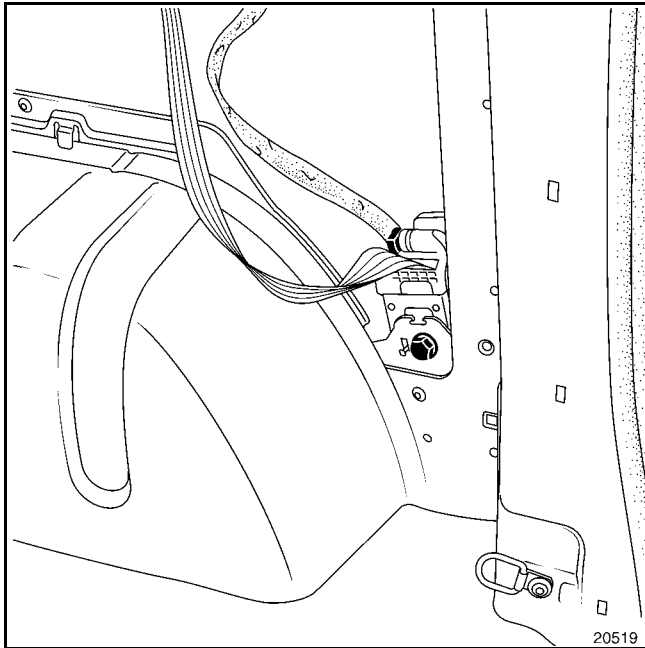


Airbags and seat belt pretensioners

Rear pretensioners (pyrotechnic seat belt retractors)

Removal:

The pretensioners are fitted in the seat belt retractors. The rear trims need to be removed to remove them. Refer to the method described in the **Bodywork section**.



Refitting

Ensure that the wiring is correctly routed using the wiring attachment points.

Tighten the mounting bolt to a torque setting of **3.7 daNm**.

After replacing faulty parts and reconnecting the connectors, carry out a check using the diagnostic tool.

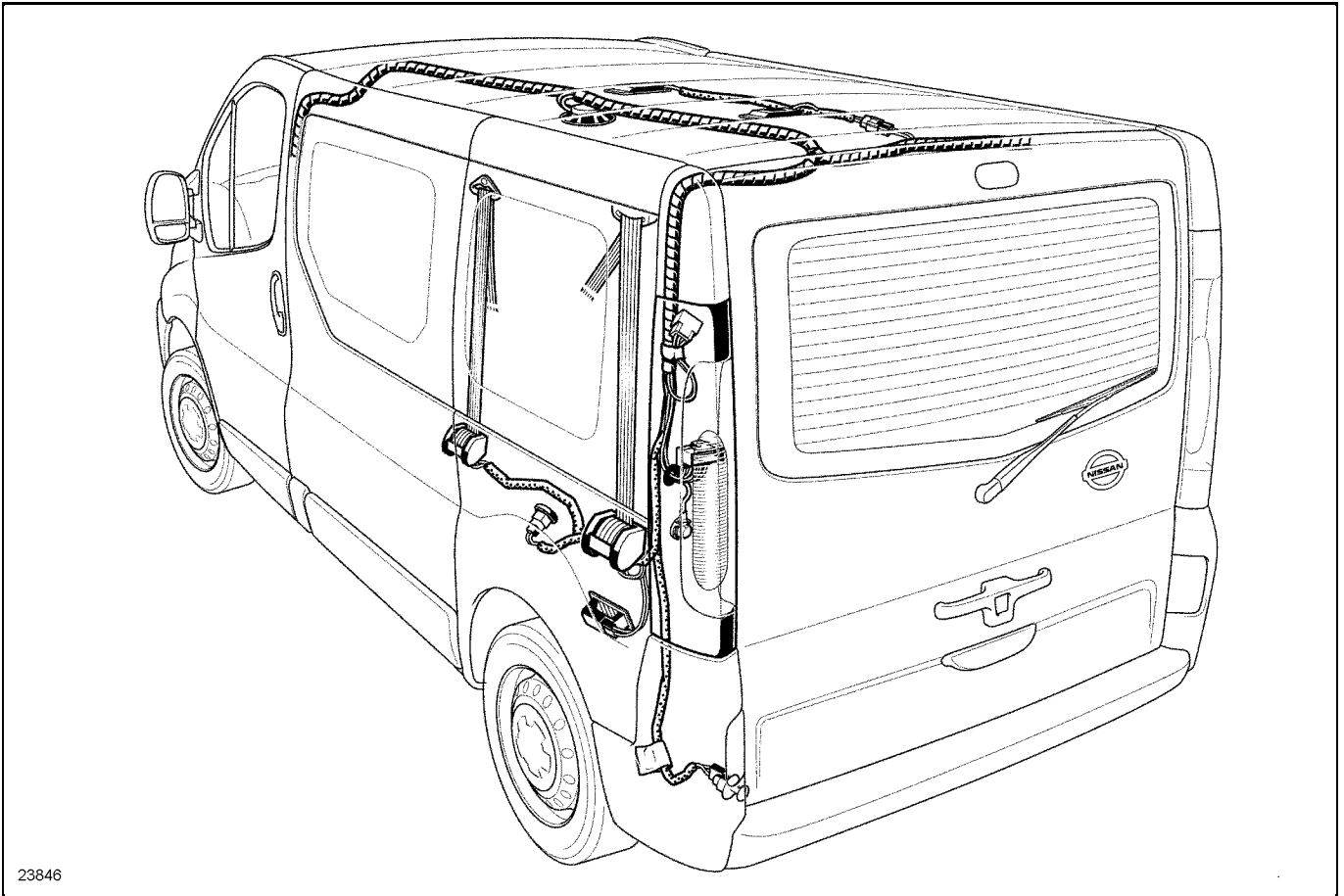
If everything is correct, unlock the computer or see the **Fault finding** section.

Renault Protection System seat belts

The front seat belts are fitted with a specific Renault Protection System (**4 daN**).

In this equipment, the seat belts are linked to the airbag function. (The Renault Protection System is calibrated differently depending on whether the seat belts are to be fitted in front of an RPS airbag or not).

When the pretensioners have been triggered the front seat belt or belts must always be replaced if they were being worn when pretensioning took place (if there is any doubt as to whether the belt was being worn it must be replaced). The physical stresses exerted on the buckle are transmitted to the inertia reel and may damage its mechanism.



23846

Airbags and seat belt pretensioners

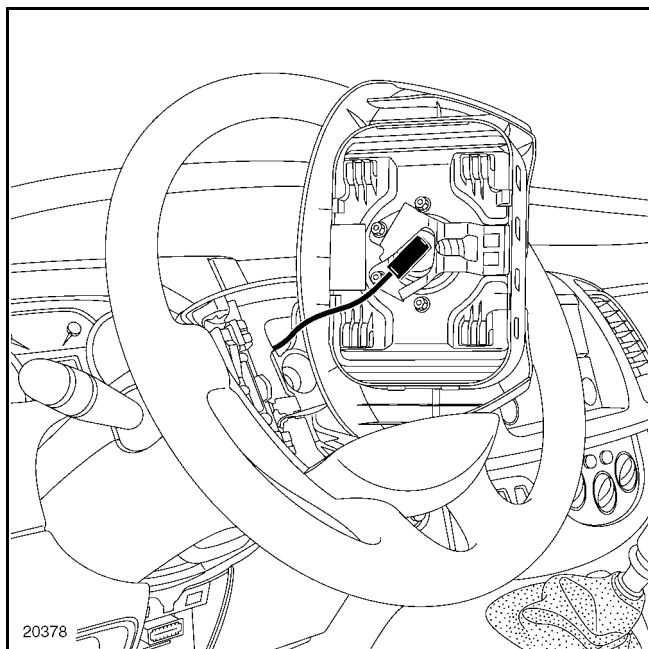
DRIVER'S AIRBAG MODULE

The driver's airbag is fitted with a specific cushion (airbag with RPS marking) linked to the seat belt opposite it.

The Renault Protection System seat belt is calibrated specifically and is complementary to this type of airbag cushion.

Description

It is located in the centre of the steering wheel. When triggered, the inflatable bag deploys by bursting through the steering wheel cover.



Removal:

IMPORTANT:

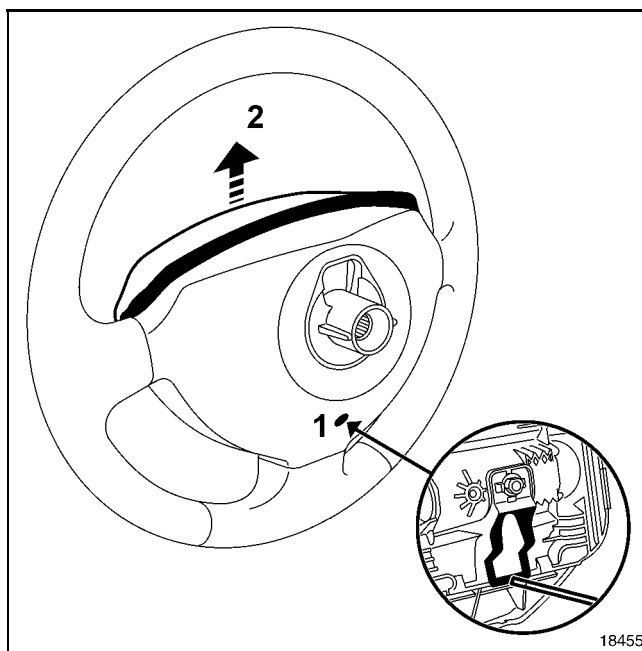
Before removing a passenger airbag module, lock the computer using a diagnostic tool. When this function is activated all the ignition lines are disabled and the airbag warning light on the instrument panel lights up when the ignition is switched on.

Insert a screwdriver into opening (1) behind the steering wheel.

Lift (2) the airbag module in order to slide it.

Unclip the connector safety clips.

Disconnect the two generator power supply connectors.



IMPORTANT:

Refer to the section describing the Destruction procedure when scrapping an airbag that has not been triggered.

Refitting

NOTE:

When replacing an airbag after an impact, it is essential to replace the steering wheel and its mounting bolt (tightening torque: **4.4 daNm**).

Put the connector in place and lock it.

Position the airbag module on the steering wheel.

Slide it backwards in order to clip it in place.

IMPORTANT:

After refitting everything, carry out a check using a diagnostic tool. If everything is correct, unlock the computer or see the **Fault finding** section.

Airbags and seat belt pretensioners

PASSENGER AIRBAG MODULE

The Renault Protection System passenger airbag is fitted with a two-level inflatable cushion linked to the seat belt opposite it.

The Renault Protection System seat belt is calibrated specifically and is complementary to this type of airbag module.

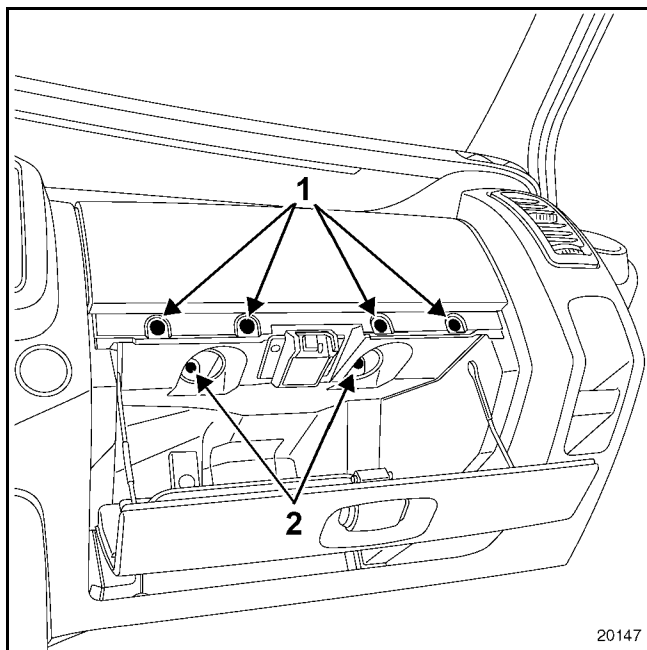
Removal:

The airbag module is attached to the instrument panel opposite the front passenger but does not need to be removed.

IMPORTANT:

Before removing a passenger airbag module, lock the computer using a diagnostic tool. When this function is activated, all the trigger lines are disabled and the airbag warning light on the instrument panel comes on.

Remove the mounting bolts.



Disconnect the connector.

IMPORTANT:

When the passenger airbag module is triggered, the consequent deformation and damage caused to the attachments always requires the dashboard to be replaced.

Do not forget to affix the label on the side of the new dashboard prohibiting a rear-facing child seat to be fitted on the passenger seat (label available in the collection with part no. **77 01 206 809**).

IMPORTANT:

Refer to the section describing the Destruction procedure when scrapping an airbag that has not been triggered.

Refitting

Carry out the refitting operation in the reverse order to removal, observing the correct torque values for the mounting bolts.

- bolt (1) to **2 Nm**
- bolt (2) to **8 Nm**

IMPORTANT:

- Check for foreign bodies (bolts, clips, etc.) when fitting the airbag module.
- On the module side, make sure that the connector is properly clipped (powerful clip) and position the safety lock.
- Attach a blue adhesive **Tamperproof system warning light** label sold under part no. **77 01 040 153** (other vehicles).

Check the module using the diagnostic tool.

If everything is correct, unlock the computer or see the **Fault finding** section.

Airbags and seat belt pretensioners

DESTRUCTION PROCEDURE

WARNING:

This does not apply if local legislation requires a specific procedure **validated and circulated** by the Procedures, Fault Finding and Repair service.

In order to avoid any risk of an accident, the pyrotechnic gas generators must be triggered before the vehicle is scrapped or the part is scrapped.

Triggering tool KV 99106400 and adapter KV 999R0050 must be used.

IMPORTANT:

Do not reuse pyrotechnic components as replacement parts. The pretensioners or airbags on a vehicle which are to be scrapped must always be completely destroyed.

Pretensioners

IMPORTANT:

Do not trigger pretensioners which are to be returned under warranty because of a problem with the seat belt catch. This makes analysis of the part by the supplier impossible. Return the part in the packaging of the new part.

Destruction of the part fitted to the vehicle

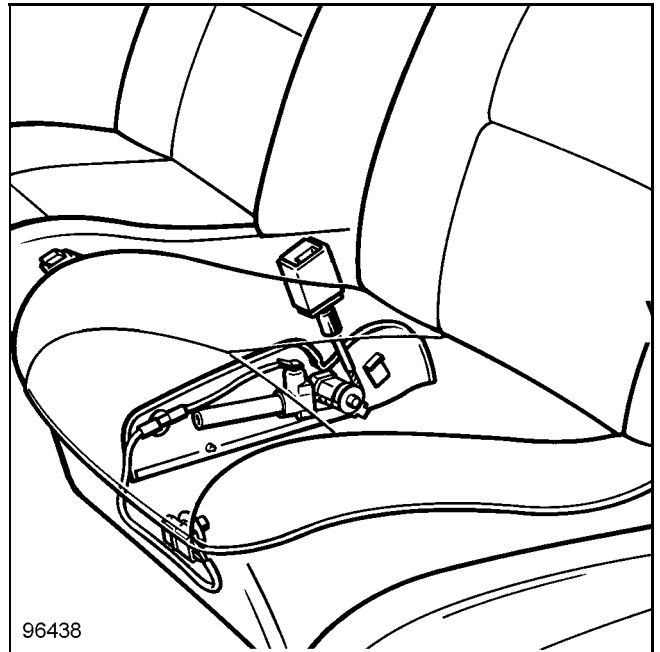
Move the vehicle outside the workshop.

Connect the destruction tool to the pretensioner after removing the seat runner cover.

Unwind all the tool wiring so that it is far enough away from the vehicle (approximately **10 m**) during triggering.

Connect the two supply wires on the tool to a battery.

After checking that there is no-one nearby, destroy the pretensioner by pressing the two buttons on the tool at the same time.



Destruction of the part removed from the vehicle

Proceed in the same way as for the driver's airbag, in a stack of old tyres (see below).

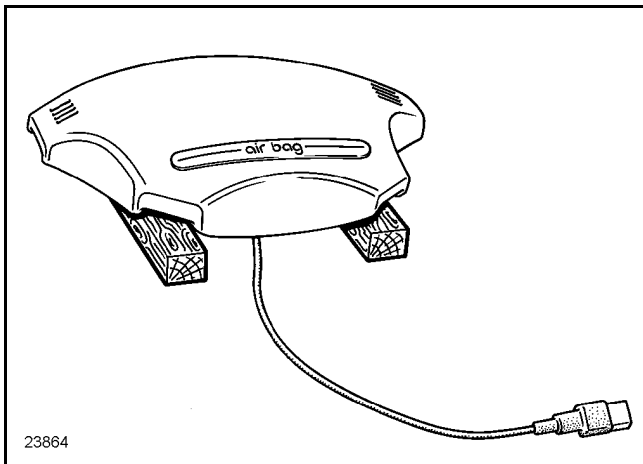
Airbags and seat belt pretensioners

Front airbag

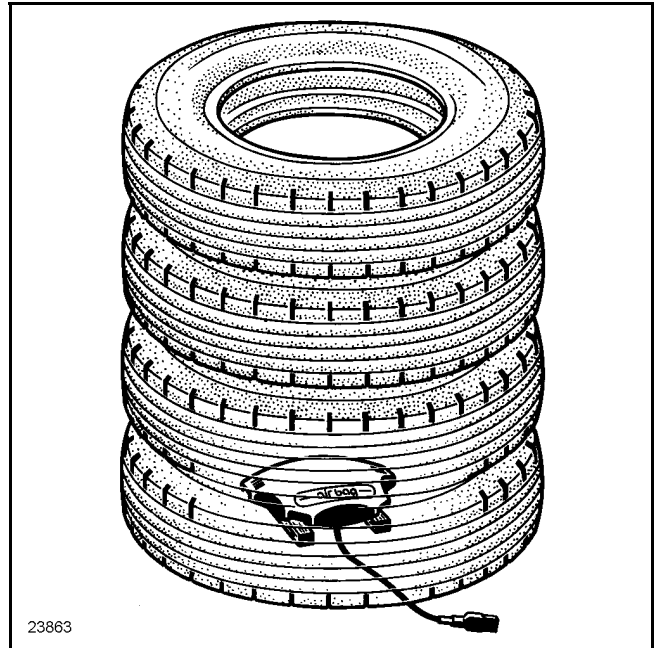
The part must be removed from the vehicle for destruction.

Carry out the operation outside the workshop.

After connecting the appropriate wiring, set the airbag module on two blocks of wood to avoid damaging the connector on the ground.



Cover the assembly with a stack of four old tyres.



Unwind all the tool wiring so that it is far enough away from the unit (approximately **10 m**) during triggering and connect it to the airbag cushion.

Connect the two supply wires on the tool to a battery.

After checking that there is no-one nearby, destroy the airbag by pressing the two buttons on the tool at the same time.