

Check the safety systems using the Diagnostic tool:



after an accident,

after theft or attempted theft of the vehicle,

before selling a used vehicle.

After detection of an impact, the airbag computer is definitively locked and the "airbag fault" warning light illuminates on the instrument panel. The airbag computer and the side impact sensors must always be replaced.

WARNING



To eliminate the risk of any accident, do not reuse pyrotechnic components.

It is essential to destroy pretensioners or airbags before scrapping a vehicle or a part only ([see 88C, Airbags and pretensioners, Airbags and pretensioners: Recycling - Destruction](#)) .

3. DURABILITY OF THE PYROTECHNIC COMPONENTS

The precautions which recommended that pyrotechnic components (airbags and pretensioners) were replaced 10 years after the registration of the vehicle have now been lifted.

Pyrotechnic components (airbags and pretensioners) do not therefore require any maintenance.



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AIRBAG AND PRETENSIONERS: PRECAUTIONS FOR THE REPAIR



Note, one or more warnings are present in this procedure



Equipment required

Diagnostic tool

WARNING

All operations on airbag and pretensioner systems must be carried out by qualified trained personnel.



The airbags have a pyrotechnic gas generator, with an ignition module and bag which must not be separated.

The pretensioners have a pyrotechnic gas generator and an igniter which must, under no circumstances, be separated.



WARNING

Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.



WARNING

To avoid any splashes, do not place anything in the airbag deployment area.



WARNING

To prevent the any component from being thrown upwards, store the airbag with the inflatable cushion facing upwards.

Protect the side impact sensors (with cardboard and adhesive, for example) during an operation near these sensors (risk of damage caused by a falling tool, etc.).

Always replace any pyrotechnic system that has fallen on the ground or shows signs of impact.

Always replace any restraint system that shows deterioration (tears or damage to the strap, damaged appearance parts, cover unclipped, damaged clips or indexing brackets, etc.).

1. PROCEDURE FOR DEACTIVATING AND ACTIVATING THE SAFETY SYSTEMS

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Bodywork and pyrotechnic component	Deactivation	Activation
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■
Disconnection, wiring
operation and removal:

■
■ dashboard

■ seat

steering
column switch assembly
■

driver's front
airbag
■

passenger's
front airbag
■

front
chest-level side airbag
■

rear chest-level
side airbag
■

curtain side
airbag
■

anti-submarining airbag
■

front seat lap
belt pretensioner
■

front side seat
belt
■

rear side seat
belt
■

pyrotechnic
battery terminal
■

■
Lock the airbag computer
applying the before repair procedure
using the Diagnostic tool

Diagnostic tool :

-Computer concerned by the before repair
procedure:
■

Connect the battery
Battery:
Removal - Refitting or connect the
12V supply circuit
Vehicle: Lockout
- Removal of lockout on an electric
vehicle

"Airbag computer"

automatic
roll-hoops



Bodywork operation



dent removal



jacking



replacing
non-removable
components (weld)



Upholstery operation



trim removal



Operation on a door (if the
door is equipped with a side
impact sensor):



adjustment
with a striking tool



removal of an
electric window
mechanism



removal of a
lock



removal of an
exterior handle



removal of a
window

Disconnect the battery Battery:
Removal - Refitting or disconnect the
12V supply circuit Vehicle: Lockout -
Removal of lockout on an electric
vehicle

Unlock the airbag computer
applying the after repair procedure using
the Diagnostic tool Diagnostic tool :

Use :

-Computer concerned by the after repair
procedure:



"Airbag computer"

Impact detection component	Deactivation	Activation
 Disconnection, wiring operation and removal: ■ side impact sensors ■ airbag computer Removal of a door (if the door is equipped with a side impact sensor) Disconnection of passenger compartment/door connection (if the door is equipped with a side impact sensor)	 Lock the airbag computer applying the before repair procedure using the Diagnostic tool <u>Diagnostic tool : Use</u> : -Computer concerned by the before repair procedure: ■ "Airbag computer" Disconnect the battery <u>Battery: Removal - Refitting</u> or disconnect the 12V supply circuit <u>Vehicle: Lockout - Removal of lockout</u> on an electric vehicle	Connect the battery <u>Battery: Removal - Refitting</u> or connect the 12V supply circuit <u>Vehicle: Lockout - Removal of lockout</u> on an electric vehicle  Unlock the airbag computer applying the after repair procedure using the Diagnostic tool <u>Diagnostic tool : Use</u> : -Computer concerned by the after repair procedure: ■ "Airbag computer"

Occupant management device	Deactivation	Activation
 Disconnection, wiring operation and removal: ■ inhibitor switch ■ seat belt buckling detection connector (if a non-pyrotechnic buckle)	Switch off the ignition	Switch on the ignition

2. TRIGGERING OF THE SAFETY SYSTEMS

