

# New Scénic

Type

Sub-section

JA0 X

33

## 33 REAR AXLE ASSEMBLY

- Engine: XXX
- Gearbox: XXX

This Technical Note gives special information on the rear disc brakes for Scenic phase 2 vehicles.

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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# REAR AXLE ASSEMBLY

## Brake pads / Disc

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### SPECIAL TOOLING REQUIRED

Fre. 1190 -01 Wrench for pushing back Lucas  
brake pistons

### TIGHTENING TORQUES (in daN.m)



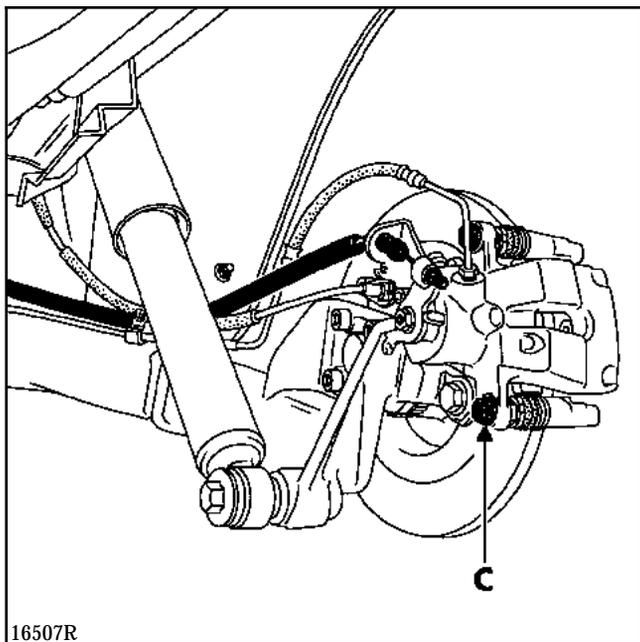
Wheel bolts	9
Caliper retaining pin bolt	3.5

Put the vehicle on a two post lift.

### REMOVAL

Remove the rear wheels.

Disconnect the handbrake cable.



Remove the mounting bolt for the lower retaining pin(C).

Gently pull the retaining pin so that the caliper may be rotated around the upper retaining pin.

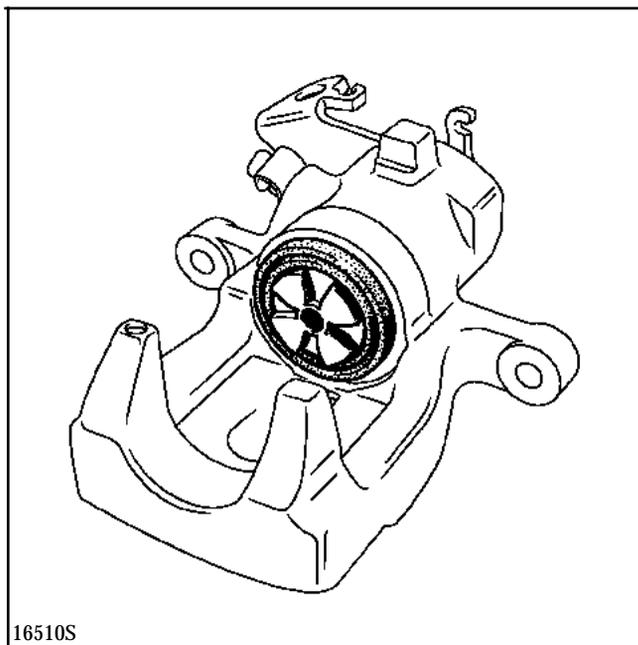
### CHECKING

Check:

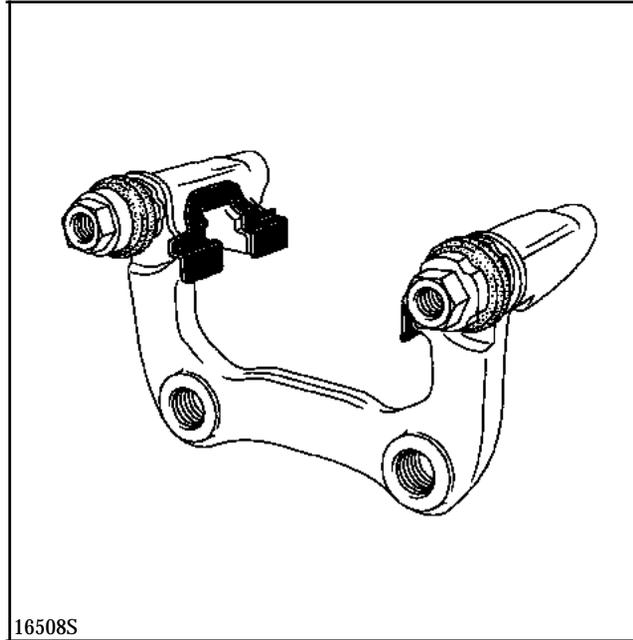
- the condition and fitting of the dust cover, the piston and the springs,
- that the caliper slides correctly on the retaining pins.

### REFITTING

Push the piston back while screwing it in using tool **Fre. 1190-01** until it is at the bottom of its bore.



Check the condition of the anti-squeal shims and replace them if necessary.



Fit the new pads, starting with the inner one.

**IMPORTANT:** the side springs must be correctly fitted.

Replace the caliper in the operating position and fit a new mounting bolt (C) on the lower retaining pin and torque tighten it.  
Reconnect the handbrake cable.

Press the brake pedal several times to bring the piston into contact with the pads.

# REAR AXLE ASSEMBLY

## Rear caliper

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### TIGHTENING TORQUES (in daN.m)



Wheel bolt	9
Retaining pin bolt	3.5

Put the vehicle on a two post lift.

#### REMOVAL

Fit a pedal press to prevent brake fluid from running out.

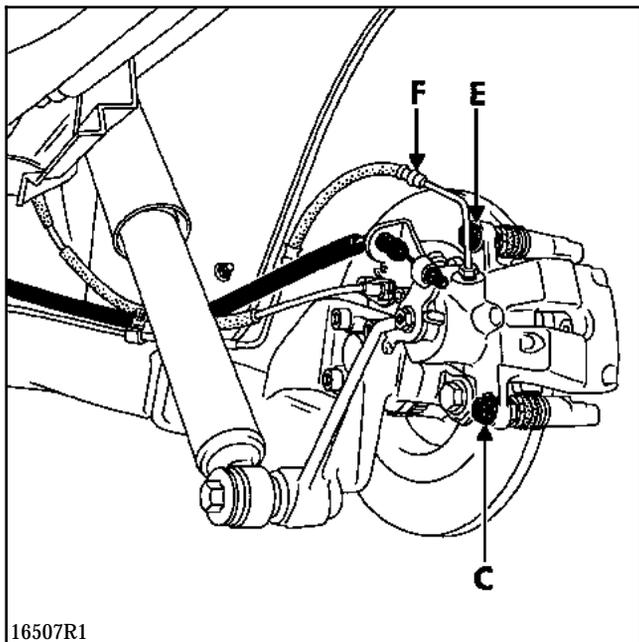
Remove the rear wheels.

Disconnect the handbrake cable.

Release the brake pipe (F) at the wheel cylinder end.

Remove:

- the two retaining pin bolts (C) and (E),
- the brake pads.



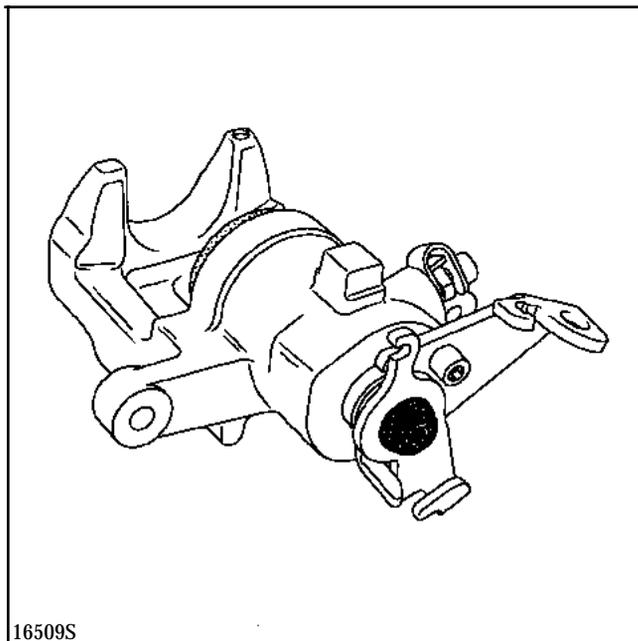
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Unscrew the brake pipe.

Check the condition of the pipe and replace it if necessary.

If the caliper is to be replaced, renew the pipe.

**IMPORTANT:** the handbrake control mounting bolt must not be removed.



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#### REFITTING

Screw the pipe in.

Check the condition of the pads. If they are greasy, replace them.

Refit the pads.

Refit new mounting bolts for the retaining pins and tighten them to the correct torque.

Reconnect the handbrake cable.

Bleed the braking circuit.

**NOTE :** if the vehicle is fitted with ABS, the instructions given in section 38 of the Workshop Repair Manual **MUST** be observed.

Press the brake pedal several times to bring the piston into contact with the pads.

# REAR AXLE ASSEMBLY

## Brake disc

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Brake discs cannot be reground. If they are badly scratched or worn, replace them.

TIGHTENING TORQUES (in daN.m)	
Wheel bolt	9
Hub nut	17.5
Retaining pin bolt	3.5
Caliper clevice bolt	6

Put the vehicle on a two post lift.

### REMOVAL

Disconnect the battery.

Remove the wheel on the side concerned.

Disconnect the handbrake cable.

Remove:

- the caliper (refer to the previous page),
- the two caliper clevice bolts,
- the caliper clevice,
- the hub nut plug,
- the hub nut.

Slide the hub/disc assembly out.

**NOTE :** the disc hub bearing cannot be removed. If there is a fault in one of the two components, the complete assembly must be replaced.

### REFITTING

Fit the disc and torque tighten the hub nut.

Coat the caliper clevice mounting bolts with **Loctite FRENBLOC** and torque tighten them.

Carry out the same operation for the caliper bolts, after fitting the pads.

**NOTE :** if the disc fitted is new, new pads must also be fitted.

Refit the wheel.

Press the brake pedal several times to bring the piston into contact with the pads.