

BRAKE MECHANISM: PRECAUTIONS FOR THE REPAIR



Note, one or more warnings are present in this procedure



1. SAFETY

1- ADVICE TO BE FOLLOWED BEFORE ANY OPERATION

For an operation requiring the use of a lift, follow the safety advice [Vehicle: Towing and lifting](#) (02A, Lifting equipment).

2- INSTRUCTIONS TO BE FOLLOWED DURING THE OPERATION

- Using a mixture of two incompatible brake fluids in the brake circuit may give rise to:
 - serious risk of leakage due mainly to deterioration of the cups,
 - degradation of the ESP system.

To avoid such risks, only ever use brake fluids which comply with the RENAULT standard [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products).



CAUTION

Switch off the vehicle ignition so as not to activate the hydraulic unit solenoid valves when bleeding the brake circuit.

■ Reminder:

- The pipes between the master cylinder, the callipers, and the hydraulic unit are connected using threaded unions with a metric thread.
- Therefore, only parts specified in the Parts Catalogue for this vehicle should be used.



WARNING

To ensure that the ABS and ESP systems operate correctly, check that the underbody brake pipes are clipped in place and are not crossed.



WARNING

To avoid any accident, bring the pistons, brake pads and brake discs into contact by depressing the brake pad several times.

If, during work on the brake system, any damage on any part is observed, it must be repaired before driving the vehicle again.

2. CLEANLINESS

1- ADVICE TO BE FOLLOWED BEFORE ANY OPERATION

Protect any bodywork components that risk being damaged by brake fluid with a cover.

2- INSTRUCTIONS TO BE FOLLOWED DURING THE OPERATION

To avoid contaminating the brake circuit, do not allow the brake circuit components to drop on the ground.

Clean around the braking system with brake cleaner [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products).



CAUTION

Prepare for the flow of fluid, and protect the surrounding components.

3. GENERAL RECOMMENDATIONS

1- MASTER CYLINDER - BRAKE SERVO

Always replace the master cylinder seals.

Check that the brake servo seal is in place. Replace the seal if it is damaged.

Always replace the master cylinder - brake servo assembly when the master cylinder leaks into the brake servo. The brake servo becomes unusable when the rubber diaphragm is contaminated with brake fluid.



WARNING

To avoid breaking the connection between the brake servo pushrod and the brake pedal, check that the safety clevis pin is locked onto the brake servo pushrod by tilting it from the top downwards.

2- BRAKE HOSE



CAUTION

- In order not to damage the brake hose:
 - do not tension the hose,
 - do not twist the hose,
 - check that there is no contact with the surrounding components.



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