

BRAKEFLUID:SPECIFICATIONS

1. BRAKE FLUID REPLACEMENT INTERVAL

Our braking technology, and in particular the disc brakes (hollow pistons which conduct little heat, have a low volume of fluid in the cylinder, sliding callipers avoiding the need for a fluid reserve in the least cooled area of the wheel), has allowed us to prevent the risk of "vapour lock" as far as possible, even with heavy braking (mountainous area). However, current brake fluids are subject to minor deterioration during the first months of use due to slight humidity intake. This is why it is recommended that you change the brake fluid: see maintenance booklet for the vehicle.

1- TOPPING UP THE LEVEL

Wear of the brake pads will result in a gradual drop in the fluid level in the reservoir.

Do not top up the fluid, as the level will rise again when the pads are next changed. The brake fluid level must not fall below the minimum mark.

2- APPROVED BRAKE FLUID

-  Using a mixture of two incompatible brake fluids in the brake circuit may give rise to:
- significant risk of leaks mainly due deterioration of the cups,
 - impaired operation of the ESP system.

To avoid such risks, it is essential to only use RENAULT standard approved brake fluids (see **Vehicle: Parts and consumables for the repair**) .



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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