

Locate the earths located near to the weld area [Earths on body: List and location of components](#) .

3)SPECIAL NOTES ON MATING



CAUTION

If the mating faces of the parts to be welded are not accessible, use a GMAW plug weld in place of the original electrical resistance weld [Connections by arc welding under shielding gas: Description](#) (MR 400, 40C, Gas metal arc welded connections (GMAW)).



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BRAKE CIRCUIT: 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(see **Vehicle: Towing and lifting**) (02A, Lifting equipment).

The brake regulation circuit must be free of all hydraulic and electrical faults.

In case of incorrect handling, the brake fluid can cause serious injury and damage. Follow the manufacturer's instructions for brake fluid.

To prevent dust from entering the master cylinder reservoir and the brake circuit, the plug must be removed just before filling and closed immediately afterwards,

2- INSTRUCTIONS TO BE FOLLOWED DURING THE OPERATION

Do not press on the brake pedal during work on the brake system.

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

Brake fluid is highly corrosive. Ensure any brake fluid spilt on parts of the vehicle is cleaned off.

Use brake fluids that comply with the Renault standard(see **Vehicle: Parts and consumables for the repair**) .

Check the brake fluid levels in the braking circuit and the bleeding device.

Check that the pressure of the bleeding device is between 1.5 bar and 2 bar.

2. CLEANLINESS

1- ADVICE TO BE FOLLOWED BEFORE ANY OPERATION

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

Fit blanking plugs recommended for the Siemens K9K injection system at the end of each pipe and in all the openings of the disconnected components of the brake circuit.

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



CAUTION

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

Do not allow friction materials to come into contact with grease, oil or other lubricants and cleaning products which are mineral oil based.

3. GENERAL RECOMMENDATIONS

When replacing brake pads, always replace the pads on the other side as well.

When replacing a disc, always replace the disc on the opposite side.

When replacing brake discs, you must replace the brake pads.

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, regardless of the position of the wheels.





WARNING

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

Always replace the rigid brake pipe clips.



Reminder:

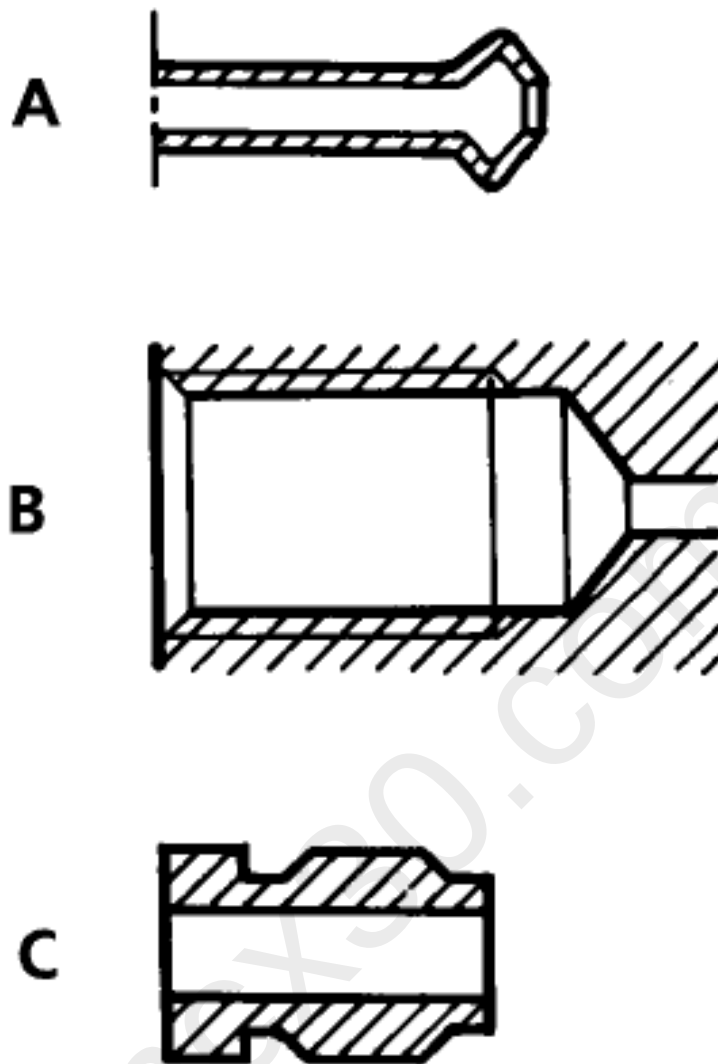


The pipes between the master cylinder, callipers and the hydraulic assembly are connected using threaded unions with a metric thread.



Therefore, only parts specified in the Parts Catalogue for this vehicle should be used.

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Parts identification:

- shape of steel or copper pipe end piece (A),
- shape of connecting points on components (B),
- shape of unions (C): 11 mm hexagonal.

Precautions to be taken before and during the brake circuit bleeding operation: