

FRONT BRAKE PADS: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Brake calliper piston return tool.

Fre. 1190-01

Equipment required

indelible pencil

WARNING



■ To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- [\(see 31A, Front axle components, Front axle components: Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .

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.

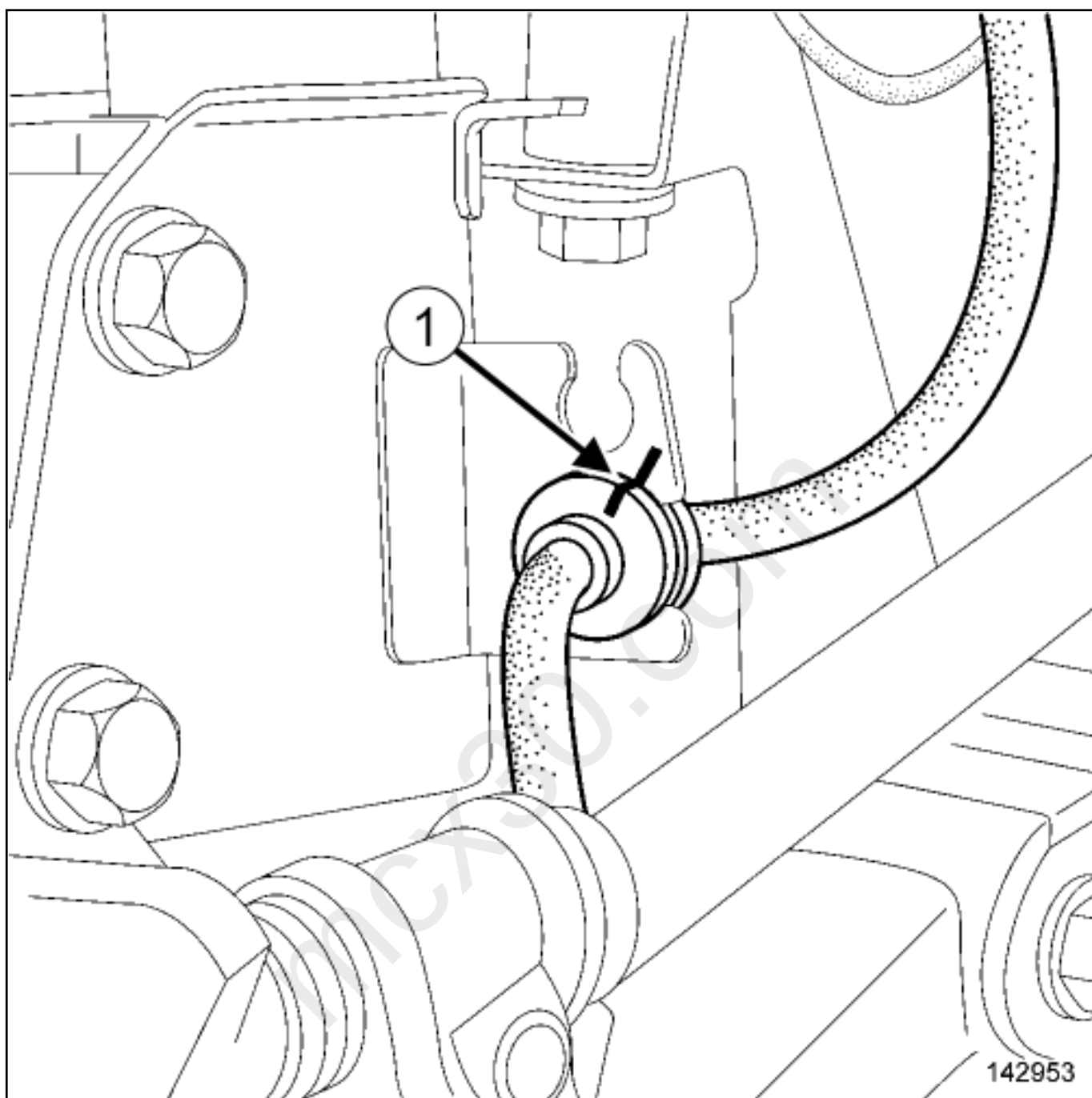
Location and specifications (tightening torques, parts always to be replaced, etc.) [\(see 31A, Front axle components, Front brake calliper assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .
- Remove the front wheels [\(see 31A, Front axle components, Front hub carrier assembly: Exploded view\)](#) .

2. REMOVAL OPERATION



- Set the wheels straight ahead.
- Mark the position of the front brake hose cap(1) on the base of the shock absorber using an indelible pencil .
- Unclip the front brake hose cap(1) from the shock absorber base.
- Remove [\(see 31A, Front axle components, Front brake calliper assembly: Exploded view\)](#) :
 - the cap of the lower guide pin bolt,
 - the bolt of the lower guide pin.

- Tip the front brake calliper.
- Remove the front brake pads([see 31A, Front axle components, Front brake calliper assembly: Exploded view](#)) .

REFITTING

1. REFITTING PREPARATION OPERATION

- Measure the thickness of the brake pads and compare them with the minimum values[Brake: Specifications](#) .
- Do not allow friction materials to come into contact with grease, oil or other lubricants and cleaning products which are mineral oil based.
- Clean using a wire brush and brake cleaner(see **Vehicle: Parts and consumables for the repair**) :
 - the front brake calliper mountings,
 - the front brake callipers.
- Push the front brake calliper piston fully into its housing using the tool Brake calliper piston return tool. ([Fre. 1190-01](#)) .

2. REFITTING OPERATION

- Refit the front brake pads([see 31A, Front axle components, Front brake calliper assembly: Exploded view](#)) .
- Fit the front brake calliper.
- Proceed in the reverse order to removal.
- Set the wheels straight ahead.
- Clip the front brake hose cap onto the base of the shock absorber by aligning the marks made at(1) .



WARNING

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



Note:

To avoid generating a fault on the brake system with warning light on the dashboard, follow the process below.

- Get into the vehicle.
- Close the doors.
- Lock the vehicle by pressing the button on the key.
- Wait 2 min until the braking computer turns off.



Note:

No electrical consumer should be used during this period of time.

- Press the brake pedal repeatedly.



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