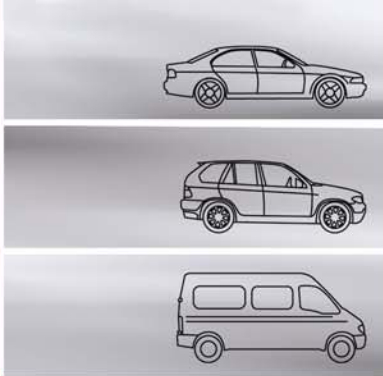


REAR BRAKES RENAULT MÉGANE II

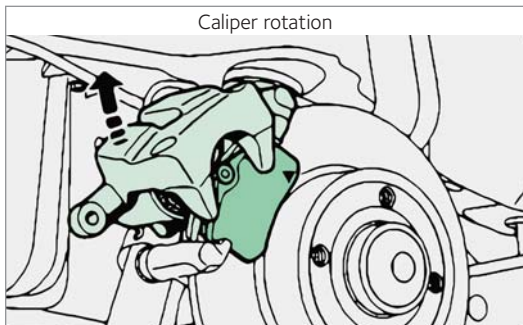


REAR BRAKES

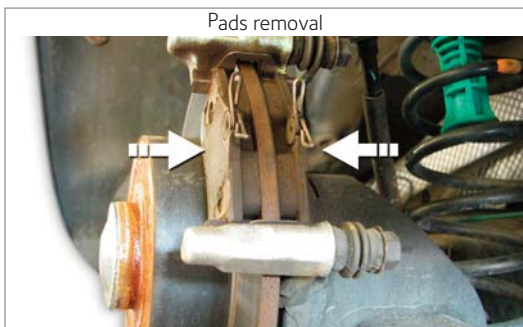
BRAKE PADS

REMOVAL

- Position vehicle onto lift.
- Loosen the parking brake.
- Remove rear wheels.
- Release the parking brake cables.
- Remove the lower calipers stud mounting bolts.
- Turn the caliper upward.

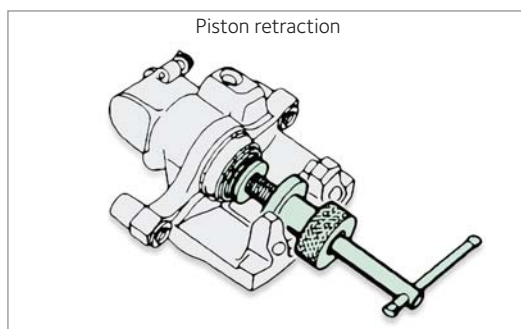


- Remove the brake pads.

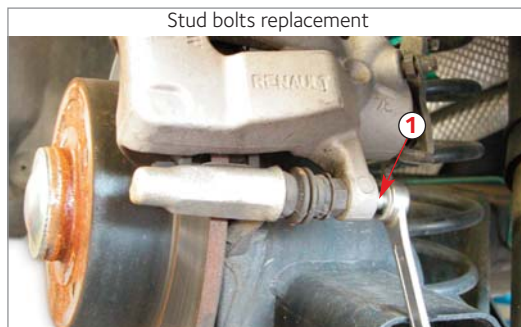


REPLACEMENT

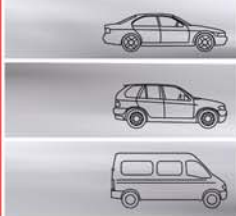
- Press back the piston fully home against the bottom of its seat.



- Fit new pads.
- Refit the stud bolts (1).
- Tighten lower caliper stud bolts **to the torque of 7 Nm**.
- Reattach the parking brake cables.



**Before refitting the stud bolts, smear them with a threadlocker.
Press the brake pedal many times to make contact between the pistons and the pads.
Move the parking brake control many times in order to activate the clamp-unclamp
function and restart the calipers play automatic recovery system.
If also the disc replacement is necessary, see the replacement and removal procedures
at page 2.**



BRAKE DISC

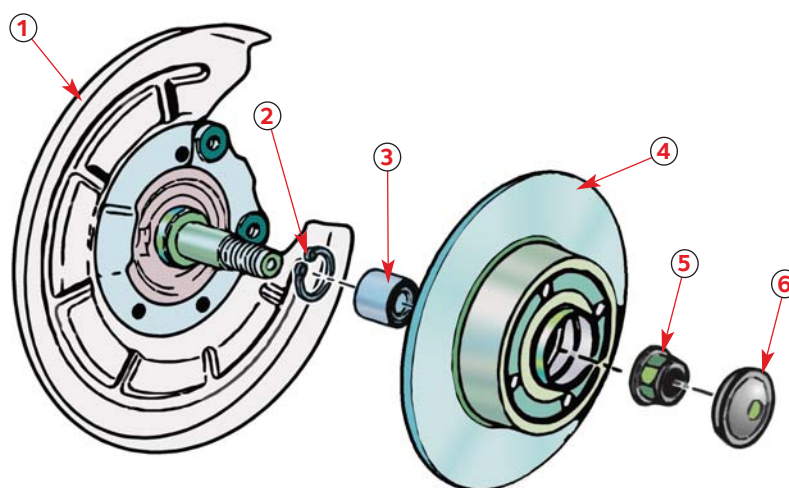
REMOVAL

- Position vehicle onto lift.
- Remove rear wheels.
- Release the parking brake cables.
- Remove the stud bolts.
- Remove the brake caliper.
- Remove the pads.
- Remove the caliper mountings screws.
- Remove the caliper mountings.
- Remove the hub plugs.
- Remove the stud holder nut.
- Remove the disc-bearing set.

REPLACEMENT

- Position the disc-bearing set onto the stud holder and tighten **to the torque of 15 Nm.**
- Tighten the stud holder nut **to the torque of 280 Nm** and fit the hub plugs.
- Fit the brake pads and position the caliper on the mounting.
- Tighten brake caliper mountings screws **to the torque of 105 Nm.**
- Tighten the stud bolts **to the torque of 36 Nm.**
- Reattach the parking brake cables and carry out the adjustment.
- Check the brake fluid level.

Disc and rear wheel hub



1. Disc coverage and wheel hub
2. Snap
3. Double roller bearing
4. Brake disc
5. Wheel hub nut
6. Wheel hub nut coverage

OPERATIONAL PRECAUTIONS

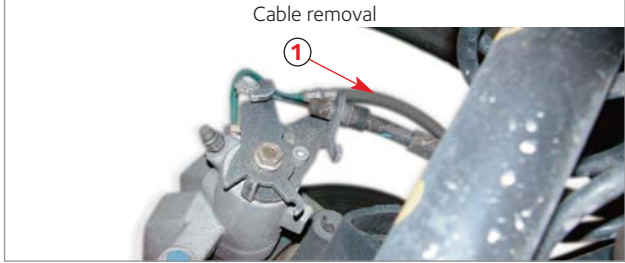


Brake fluid is hygroscopic, and it should be changed at regular intervals.
Do not use fluid which does not comply with the specifications indicated in the table.
Take care not to let fluid accidentally drop onto painted, rubber, plastic and mechanical parts.
Do not use brake fluid from a container that has been open for an extended period of time.

PARKING BRAKE

REMOVAL

- Position vehicle onto two-columns lift.
- Remove the central console.
- Loosen the parking brake adjuster nut by some turns.
- Disconnect the parking brake control side cables.
- Disconnect the brake caliper side cables.
- Remove the parking brake cables (1) from their relative seats.



REPLACEMENT AND ADJUSTMENT

- Reattach the parking brake cables into their relative seats.
- Check that the parking brake cables limit stop are correctly routed on bodywork side.
- Position the parking brake cables.
- Refit the parking brake caliper side cables.
- Refit the parking brake control side cables.
- Fit a new adjuster nut.

Old nut is no longer usable.

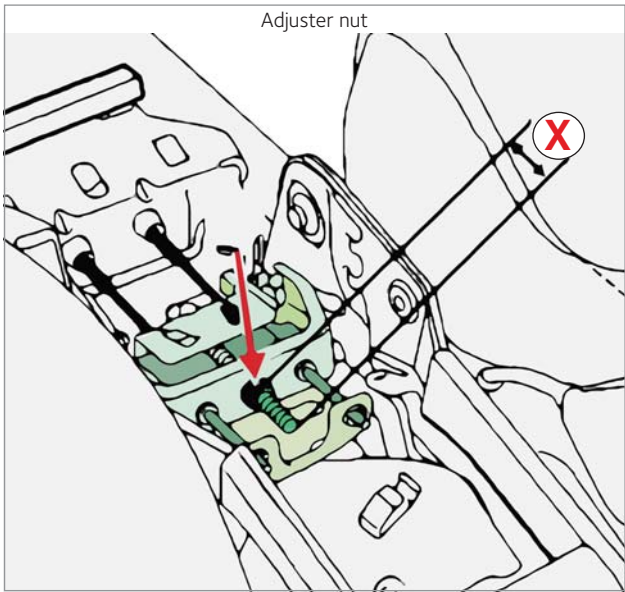
- Check that the parking brake cables locks are against the seat.
- Tighten the adjuster nut until the **X** value indicated in the picture is reached.

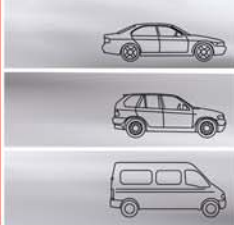
X = 21 mm	the cable lock bracket is black
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X = 16 mm	the cable lock bracket is golden
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When the cables sheaths are replaced pull the parking brake control many times before adjusting the travel X value.

- Put the parking brake in function to restart the play recovery system.





HYDRAULIC CIRCUIT

BLEEDING

- Check brake fluid and bleeding device levels.

► **Note:**

ABS circuit must be free from hydraulic and/or electrical faults.

► **Warning:**

The vehicle battery must be disconnected to avoid the hydraulic unit solenoid ovals starting.

- Position vehicle onto lift.
- Connect the bleeding device to the vehicle brake fluid reservoir.
- Fit the bleeding bowls onto the bleeding screws.
- Bleed the circuit by loosening the bleeding screws following the order here described.

Bleeding sequence

1.	right rear caliper
2.	left front caliper
3.	left rear caliper
4.	right front caliper

- Check the pedal travel with the engine switched off; if it is incorrect, repeat the bleeding procedure.
- Add oil until the desired brake fluid level into the reservoir after the bleeding device was removed.
- Check the bleeding screws tightening and verify that plugs are fitted.
- Carry out a road test where some instances of ABS braking occur in order to check if the brake pedal travel is regular.

BRAKE FLUID

Quantity	1.0 litre
Product	SAE J 1703-DOT4
Maintenance intervals	Check level every 20,000 Km
	Change and bleed every 120,000 Km or every 4 years

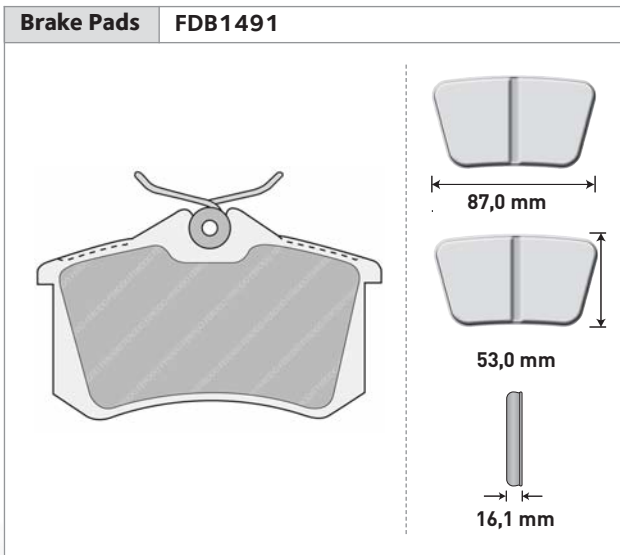
BRAKE FLUID DOT4

FBX050	500 ml
FBX100	1 l
FBX500	5 l
FBX2000	20 l



FERODO PART NOS.

Brake Pads FDB1491



Brake Discs

Series Part No.	DDF1571
Diameter (mm)	240,00
Thickness (mm)	8,00
Min. thickness (mm)	7,00
Max. out of round (mm)	0,07

Note:

Besides on Renault Mégane, this kind of caliper is fitted also on some models of:

- **Citroën** C4
- **Renault** Clio (III), Modus
- **Peugeot** 308

In co-operation with:
Semantica automotive Srl