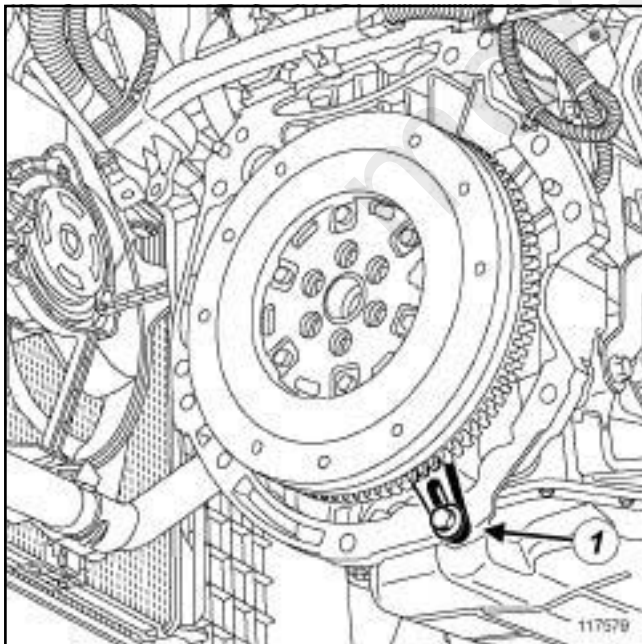


M4R, and TL4

Special tooling required**Mot. 1677** Flywheel locking tool.**Tightening torques** flywheel bolts **108 Nm****REMOVAL****I - REMOVAL PREPARATION OPERATION**

- ☐ Position the vehicle on a two-post lift (see **02A, Lifting Equipment, Vehicle: Towing and lifting**).
- ☐ Disconnect the battery (see **80A, Battery, Battery: Removal - Refitting**).
- ☐ Remove:
 - the gearbox (see **Manual gearbox: Removal - Refitting**),
 - the clutch pressure plate (see **Pressure plate - Disc: Removal - Refitting**).

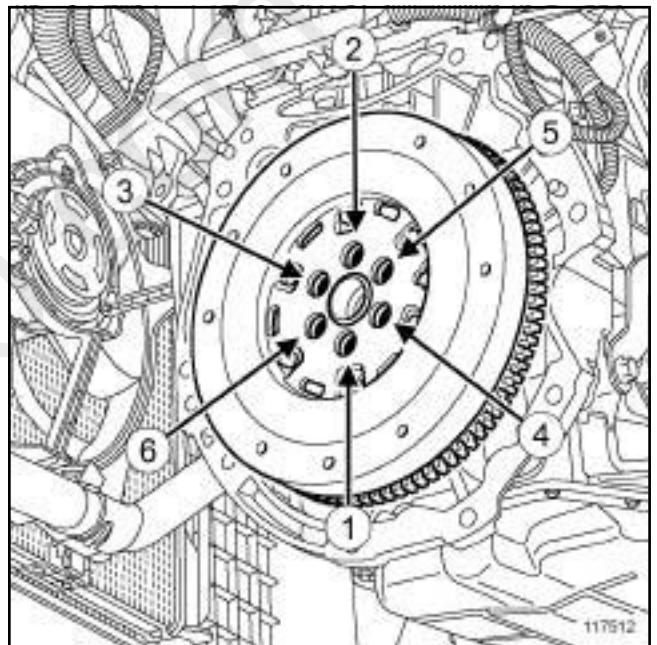
II - OPERATION FOR REMOVAL OF PART CONCERNED

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- ☐ Lock the engine using tool **(Mot. 1677) (1)**.
- ☐ Remove:
 - the flywheel bolts,
 - the flywheel,

- tool **(Mot. 1677) (1)**.**REFITTING****I - REFITTING PREPARATION OPERATION**

- ☐ On the crankshaft, clean the flywheel bolt threading.
- ☐ Degrease the pressure face of the flywheel on the crankshaft.

II - REFITTING OPERATION FOR PART CONCERNED

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- ☐ Follow the flywheel bolt tightening order.
- ☐ Tighten to torque and in order the **flywheel bolts (108 Nm)**.

III - FINAL OPERATION

- ☐ Refit:
 - the clutch pressure plate (see **Pressure plate - Disc: Removal - Refitting**),
 - the gearbox (see **Manual gearbox: Removal - Refitting**).
- ☐ Connect the battery (see **80A, Battery, Battery: Removal - Refitting**).

Drive plate: Removal - Refitting

K4M, and DP0

Special tooling required

Mot. 582-01 Flywheel locking tool.

Equipment required

Diagnostic tool

Tightening torques

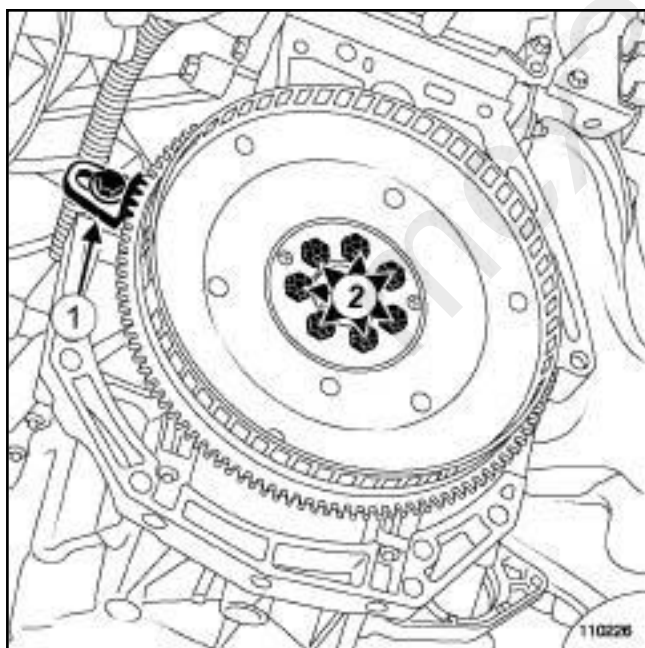
drive plate bolts	55 Nm + 50° ± 5
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Remove the gearbox (see **Automatic gearbox: Removal - Refitting**) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



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- ☐ Set up the (Mot. 582-01) (2) .
- ☐ Remove:
 - the bolts (2) ,
 - the drive plate,
 - tool (Mot. 582-01).

REFITTING

I - REFITTING PREPARATIONS OPERATION

- ☐ Check that the drive plate is not damaged (run-out tolerance of **0.2 mm** on the outer diameter).

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Fit the drive plate, ensuring it is correctly positioned in relation to the centring pins.
- ☐ Apply **LOCTITE FRENBLOC** to the bolt threads.
- ☐ Tighten the bolts on the drive plate.
- ☐ Torque and angle tighten the **drive plate bolts (55 Nm + 50° ± 5)** by immobilising the starter ring using the (Mot. 582-01).

III - FINAL OPERATION.

- ☐ Refit the gearbox (see **Automatic gearbox: Removal - Refitting**) .
- ☐ Connect the **Diagnostic tool** for the conformity check.

M4R, and DP0

Special tooling required**Mot. 919-02** Flywheel locking tool.**Tightening torques** drive plate bolts **108 Nm****REMOVAL****I - REMOVAL PREPARATION OPERATION**

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02A, Lifting equipment).

IMPORTANT

During this operation, secure the vehicle to the lift with a strap to prevent it from becoming unbalanced.

- ☐ Remove:

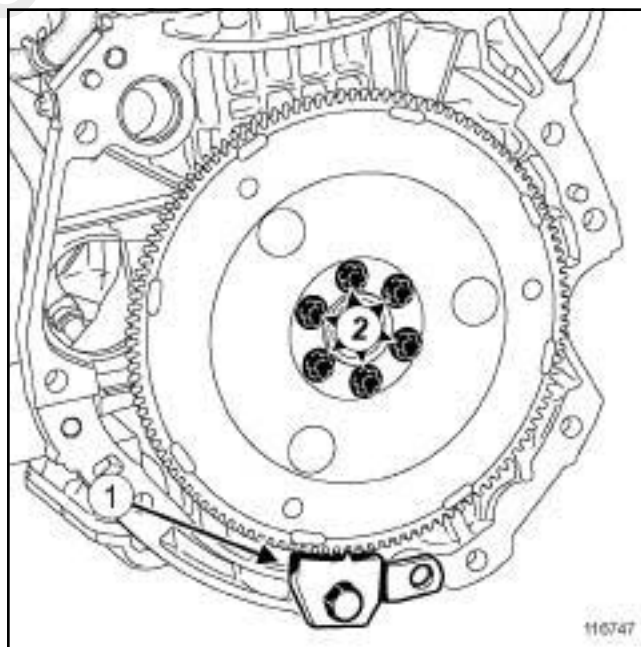
- the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery),
- the air filter unit (see **12A, Fuel mixture, Air filter unit: Removal - Refitting**, page 12A-17) (MR 392, 12A, Fuel mixture),
- the battery tray (see **Battery tray: Removal - Refitting**) (MR 392, 80A, Battery),

- ☐ Drain the cooling system (see **19A, Cooling, Cooling system: Draining - Refilling**, page 19A-16) (MR 392, 19A, Cooling).

- ☐ Remove:

- the front wheels (see **Wheel: Removal - Refitting**) (MR 392, 35A, Wheels and tyres),
- the front bumper (see **Front bumper: Removal - Refitting**) (MR 393, 55A, Exterior protection),
- the headlights (see **Halogen headlight: Removal - Refitting**) (MR 392, 80B, Headlights) or (see **Xenon headlight: Removal - Refitting**) (MR 392, 80C, Xenon bulbs),
- the frontal impact cross member (see **Front impact cross member: Removal - Refitting**) (MR 393, 41A, Front lower structure),
- the front end panel (see **Front end panel: Removal - Refitting**) (MR 393, 42A, Upper front structure),

- the cooling radiator (see **19A, Cooling, Cooling radiator: Removal - Refitting**, page 19A-20) (MR 392, 19A, Cooling),
- the starter (see **16A, Starting - Charging, Starter: Removal - Refitting**, page 16A-23) (MR 392, 16A, Starting-charging),
- the left-hand driveshaft (see **Front left-hand driveshaft: Removal - Refitting**),
- the right-hand driveshaft (see **Front right-hand driveshaft: Removal - Refitting**),
- the radiator mounting cross member (see **Radiator mounting cross member: Removal - Refitting**) (MR 393, 41A, Front lower structure),
- the left-hand suspended engine mounting (see **19D, Engine mounting, Left-hand suspended engine mounting: Removal - Refitting**, page 19D-34) (MR 392, 19D, Engine mounting),
- the automatic gearbox (see **Automatic gearbox: Removal - Refitting**).

II - OPERATION FOR REMOVAL OF PART CONCERNED116747
116747

- ☐ Set up the (**Mot. 919-02**) (1) .

- ☐ Remove:

- the drive plate mounting bolts (2) ,
- the drive plate,
- the (**Mot. 919-02**).