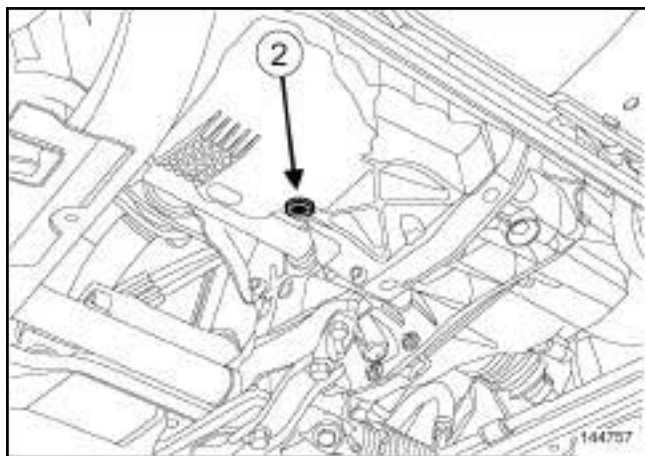
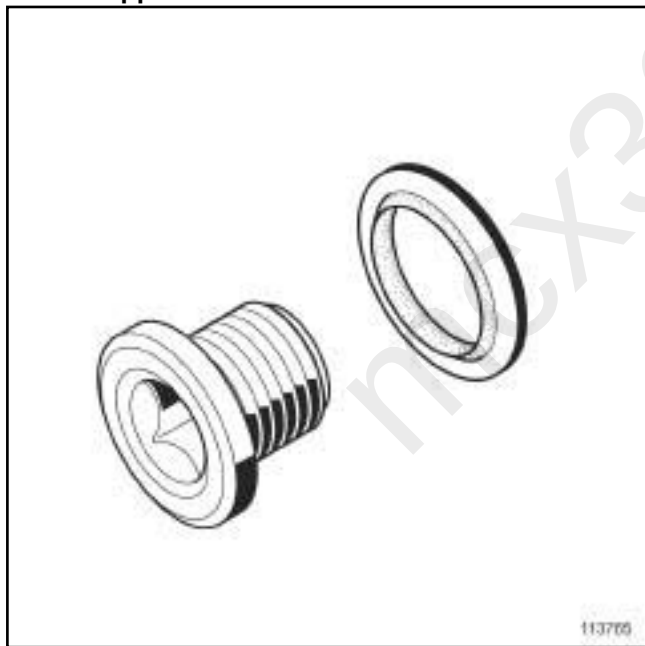


K4M or K9K



144757

- ☐ Remove the drain plug (2) using the oil change wrench.
- ☐ Let the engine oil flow out completely.
- ☐ Remove the drain plug seal.

Rubber-lipped seal

113765

- ☐ Refit a new seal to the drain plug (no direction of fitting).
- ☐ Refit the drain plug.
- ☐ Torque tighten the **drain plug (20 N.m)** using a **torque wrench** fitted with a **oil change end piece with an 8 mm square drive**.
- ☐ Clean any oil run-off from the engine oil sump using a cloth.
- ☐ Remove the **oil recovery tray**.

V - FILLING

- ☐ Fill the engine with oil, respecting the recommended quantity.
- ☐ Wait at least **10 minutes**.
- ☐ Check the oil level using the dipstick.
- ☐ Top up the engine oil level if necessary.
- ☐ Refit:
 - the engine oil filler cap,
 - the dipstick.

Oil filter: Removal - Refitting

K9K

Special tooling required

Mot. 1329 Oil filter removing tool (76 mm diameter)

WARNING

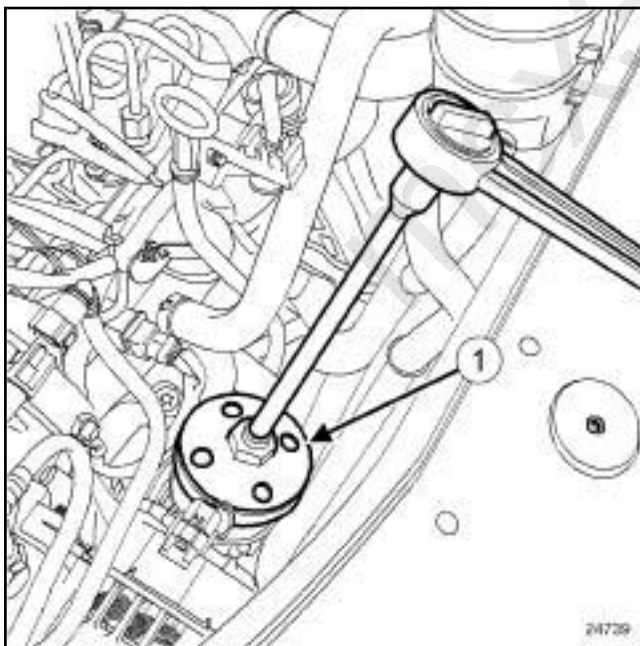
Always check the oil level using the dipstick.

Do not exceed the maximum level on the dipstick (could destroy the engine).

Correct the engine oil level if necessary before delivering the vehicle to the customer.

Note:

When topping up the engine oil, always leave at least 10 minutes for the oil to drain down before checking with a dipstick.

REMOVAL**OPERATION FOR REMOVAL OF PART CONCERNED**

24739

- ☐ Position the **(Mot. 1329)** (1) with an extension piece and a ratchet on the oil filter.
- ☐ Remove the oil filter.

REFITTING**I - REFITTING PREPARATION OPERATION**

- ☐ parts always to be replaced: Oil filter.
- ☐ Lubricate the new oil filter seal with new engine oil.

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Tighten the oil filter by hand until the oil filter seal makes contact with the oil filter support.
- ☐ Tighten the oil filter 3/4 of a turn manually or using the tool **(Mot. 1329)**.

III - FINAL OPERATION

- ☐ Wipe any oil run-off with a cloth.
- ☐ Check the oil level with the dipstick.
- ☐ Top up the oil level (if necessary).

K4M

Special tooling required

Mot. 1329 Oil filter removing tool (76 mm diameter)

Equipment required

oil recovery tray

IMPORTANT

Wear leaktight gloves (Nitrile type) for this operation.

WARNING

Always check the oil level using the dipstick.

Do not exceed the maximum level on the dipstick (could destroy the engine).

Correct the engine oil level if necessary before delivering the vehicle to the customer.

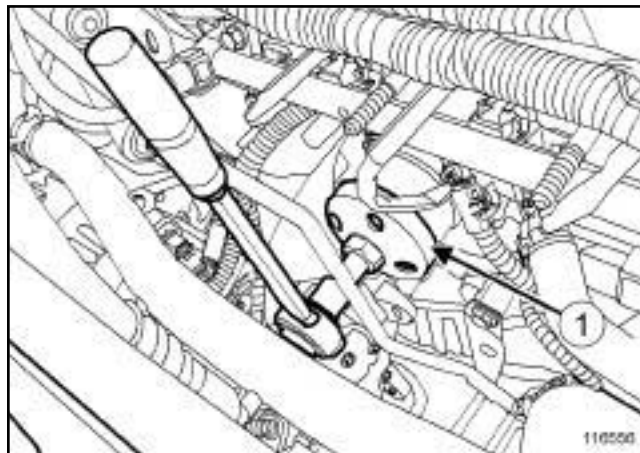
Note:

When filling up the engine oil, always leave at least **10 minutes** for the oil to drain down before checking with a dipstick.

When removing the oil filter, check that the oil filter seal is not still stuck to the cylinder block or the oil filter support.

REMOVAL**I - REMOVAL PREPARATION OPERATION**

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).
- ☐ Remove:
 - the engine undertray bolts,
 - the engine undertray.
- ☐ Place the **oil recovery tray** under the engine.
- ☐ Remove the injector rail protector.

II - REMOVAL OPERATION

116556

- ☐ Remove the oil filter using the **(Mot. 1329) (1)**.

REFITTING**I - REFITTING PREPARATION OPERATION**

- ☐ **parts always to be replaced: Oil filter.**
- ☐ Use **SURFACE CLEANER** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) to clean and degrease the cylinder block joint face.
- ☐ Lubricate the oil filter seal with new engine oil.

II - REFITTING OPERATION

- ☐ Fit a new oil filter.
- ☐ Tighten the oil filter until it makes contact with the engine.
- ☐ Manually tighten the oil filter by 3/4 of a turn.

III - FINAL OPERATION

- ☐ Refit the injector rail protector.
- ☐ Remove the **oil recovery tray**.
- ☐ Wipe any oil run-off with a cloth.
- ☐ Top up with engine oil recommended by the manufacturer (see **Engine oil: Specifications**).
- ☐ Start the engine and wait until the oil pressure warning light goes out on the instrument panel.
- ☐ Check for leaks from the oil filter.
- ☐ Refit the engine undertray.
- ☐ Wait at least **10 minutes**.
- ☐ Check the oil level using the dipstick.