

Refit (see **Lubrication circuit: Operating diagram**) :

-
- the engine oil filler cap,
- the engine oil level guage.

Check the oil level using the dipstick.

Adjust the engine oil level if necessary.

2. FINAL OPERATION

Proceed in the reverse order to removal.



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ENGINE OIL - OIL FILTER : DRAINING - FILLING



Note, one or more warnings are present in this procedure



Special tooling required

Oil filter removing tool (76 mm diameter)

Mot. 1329

Oil filter removing tool (66 mm diameter).

Mot. 1330

Equipment required

oil change wrench

oil recovery tray



parts always to be replaced:



Oil filter

Oil filter cover seal

engine oil strainer seal



WARNING

Wear leaktight gloves (Nitrile type) for this operation.



CAUTION

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 the level 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.

DRAINING

1. ENGINE OIL DRAINING PREPARATION OPERATION



Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .



Remove the engine undertray.



Fit a oil recovery tray under the engine oil sump.

2. ENGINE OIL DRAINING OPERATION



Remove (see **Lubrication circuit: Operating diagram**) :



the engine oil filler cap,



the engine oil dipstick,



the drain plug using an oil change wrench,



the drain plug seal.



Let the oil run into the oil recovery tray.

3. OIL FILTER REMOVAL OPERATION

Remove (see Lubrication circuit: Operating diagram) :

-
- the oil filter cover,
- the oil filter cover seal,
- the oil filter.

FILLING

1. OIL FILTER REFITTING PREPARATION OPERATION

parts always to be replaced:

 Oil filter

parts always to be replaced:

 Oil filter cover seal

Use surface cleaner Vehicle: Parts and consumables for the repair to clean and degrease the oil filter joint face.

Lubricate the oil filter seal with new engine oil.

2. OIL FILTER REFITTING OPERATION



Refit (see **Lubrication circuit: Operating diagram**) :

-
- the new oil filter,
- the new oil filter cover seal,
- the oil filter cover.



Torque tighten the oil filter cover (see **Lubrication circuit: Operating diagram**) .

3. ENGINE OIL FILLING PREPARATION OPERATION

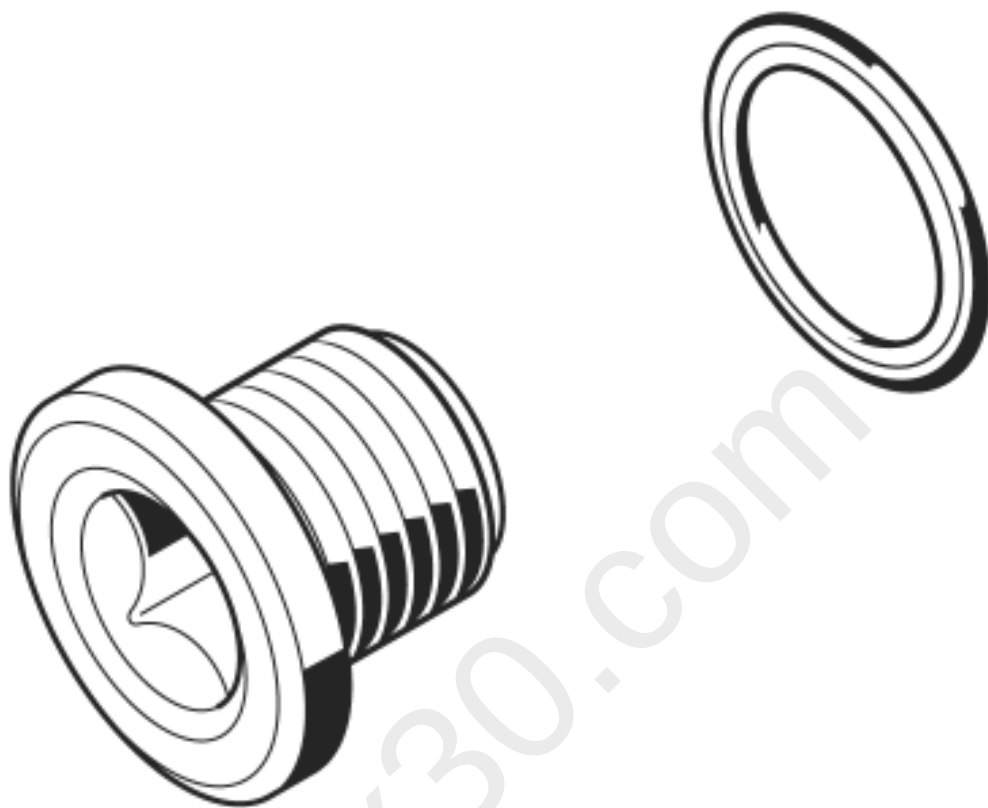


parts always to be replaced:



[engine oil strainer seal](#)





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Fit a new seal on the drain plug, positioning the groove towards the plug.

Refit the drain plug(see **Lubrication circuit: Operating diagram**) .

Torque tighten the drain plug(see **Lubrication circuit: Operating diagram**)

4. ENGINE OIL FILLING OPERATION

Remove the oil recovery tray.

Wipe any oil run-off with a cloth.

Position the vehicle back on the ground.

Fill the engine with engine oil, observing:

- the quantity [Maintenance values: Description](#) ,

- the type of engine oil recommended by the manufacturer [Engine oil: Specifications](#) .

Refit (see **Lubrication circuit: Operating diagram**) :

- the engine oil filler cap,

- the engine oil dipstick.

Wait for at least 10 minutes.

Start the engine and wait until the oil pressure warning light goes out on the instrument panel.

Check for leaks from the oil filter.

Stop the engine.

Wait for at least 10 minutes.