

Engine Oil

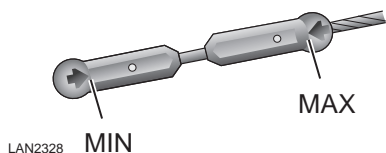
ENGINE OIL CHECK (DIESEL)

Check the oil level weekly, when the engine is cold and with the vehicle resting on level ground.

The oil consumption of an engine is influenced by many factors. Under high loads an engine will consume more oil than usual. Diesel engines usually consume slightly more oil than petrol engines.

Checking the oil level

Note: If you need to check the oil level when the engine is hot, switch off the engine and let the vehicle stand for five minutes to allow the oil to drain back into the sump. Do not start the engine.



1. Withdraw the dipstick and wipe the blade clean with a lint-free cloth.
2. Fully re-insert the dipstick and then withdraw again to check the oil level. Never allow the oil level to fall below the lower mark or hole on the dipstick.

As a general guide, if the level on the dipstick:

- Is nearer to the maximum than the minimum, add no oil.
- Is nearer to the minimum than the maximum, add half a litre (one pint) of oil.
- Is below the minimum, add one litre (two pints) of oil and, after five minutes, re-check the level.

Topping up the oil

Caution: Your vehicle warranty may be invalidated if damage is caused by using oil that does not meet the required specification.

Caution: Failure to use an oil that meets the required specification can cause excessive engine wear, a build up of sludge and deposits, and increase pollution. It could also lead to engine failure.

Caution: Overfilling with oil could result in severe engine damage. Oil should be added in small quantities and the level re-checked to ensure that the engine is not overfilled.

1. Remove the oil filler cap.
2. Add oil to maintain the level between the **MIN** and **MAX** marks on the dipstick. Clean up any oil spilled during topping-up.
3. Check the oil level again after five minutes.

It is essential to use the correct specification oil, and to ensure it is suitable for the climatic conditions in which the vehicle is to be operated.

Note: The approximate quantity of oil required to raise the level from **MIN** to **MAX** on the dipstick is 1.5 litres (2.64 pints).

Engine Oil

ENGINE OIL CHECK (PETROL)

Caution: It is recommended that the oil level is checked weekly. If any significant or sudden drop in oil level is noted you should seek qualified assistance immediately.

Caution: Your vehicle's warranty may be invalidated if damage is caused by the use of improper engine oil. Low quality or obsolete oils do not provide the protection required by modern, high performance engines. Failure to use an oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits and increased pollution. It could also lead to engine failure.

Caution: Do not use oil additives of any type as engine damage could occur. Use only specified lubricants.

Engine oil consumption

A certain amount of oil consumption is normal. The rate of consumption will depend on the following:

- The quality and viscosity of the oil.
- Climatic conditions.
- The speed at which the engine is being operated.
- Road conditions.

Drivers should expect above normal consumption when the engine is new.

Checking the oil level

For an accurate oil level reading to be taken, the following conditions must be met:

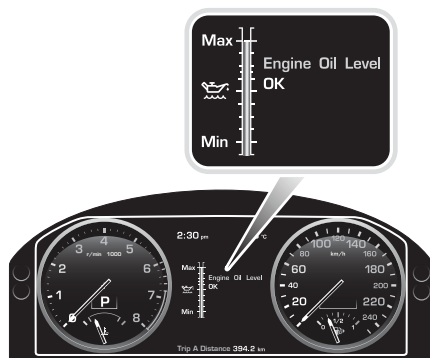
- The vehicle needs to be parked on level ground.
- The oil level should be checked when the engine is **hot**. It is therefore recommended that a reading is taken after a journey.
- The vehicle needs to stand for approximately 10 minutes after the engine is switched off, to allow the oil to drain back to the sump.

Note: *The system will not give a reading until the oil level has stabilised.*

Once the above conditions are met, check the oil level as follows:

1. Switch on the ignition - do not start the engine.
2. Set the transmission to Park (**P**)
3. To display the current oil level, access the vehicle information and settings menu. Select **Service Menu** and then select **Oil Level Display**.
4. The oil level topping-up advice will be shown in the message centre. Top-up as instructed.

Engine Oil



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An indication of the oil level is displayed on the gauge. Messages to the right of the gauge advise you of any action you may need to take.

If the oil level is within the required operating range, the message **Level Ok** will be displayed. Do not add any additional oil to the engine.

If the oil level is below the required operating range, a message advising you how much oil to add will be displayed, e.g. **Add 0.5L**. Add the recommended quantity of oil then recheck the level.

If the message **Overfilled** is displayed, seek qualified assistance immediately. Do not drive the vehicle as this will cause serious damage to the engine.

Topping up the oil

Caution: Your vehicle warranty may be invalidated if damage is caused by using oil that does not meet the required specification.

Caution: Failure to use an oil that meets the required specification, could cause excessive engine wear, a build-up of sludge and deposits and increase pollution. It could also lead to engine failure.

Caution: Overfilling with oil could result in severe engine damage.

1. Unscrew the oil filler cap.
2. Add the appropriate quantity of oil (as indicated by the message center oil level display). Wait 5 minutes to let the oil level stabilise and re-check the level.
Clean up any oil spilled during topping up.
3. Once the correct level is achieved, refit the filler cap and securely tighten by hand.