

ENGINE OIL LEVEL

Engine at Normal Operating Temperature

The engine must be switched off and allowed to stand for a period of **NOT** less than 10 minutes before checking the oil level. This allows time for the oil in the system to drain back to the sump pan.

If the oil level is checked too soon after the engine has been run, this will provide a false low level reading that might result in overfilling.

CAUTION: DAMAGE TO VEHICLE

Take care not to overfill the engine with oil. Serious damage to the engine and components will result from overfilling.

CAUTION: DAMAGE TO VEHICLE

When filling the engine with oil, ensure any spilled oil is immediately cleaned from the engine, components or bodywork.

Oil Level Warnings

Warnings will be displayed in the message center if the oil level is not within the safe operating levels (minimum and maximum). A warning will also be displayed if there is a fault with the oil level monitoring system.

- **Engine oil low (amber):**
The oil is at the minimum level for safe operation. Top up with 1.0 quart of oil.
- **Engine oil high (amber):**
This warning is displayed when the engine is started, and the oil is above the maximum level for safe operation. Engine oil will have to be drained before driving the vehicle.
- **Engine oil critically low (red):**
The oil is below the minimum level for safe operation. Top up with 1.0 quart of oil. Wait for 10 minutes, re-check the oil level reading and top up again if necessary.
- **Engine oil level monitor system fault (amber):**
If this warning is accompanied by the message 'Engine oil level monitor system fault', a fault with the oil level monitor system is indicated. Use IDS / SDD to establish and rectify the fault.

Electronic Dipstick Service Operation

To allow for the actual oil level to be verified, a service mode exists to give access to live oil level readings.

In order to have a correct reading, the following conditions must be met:

- The vehicle **MUST** be parked on a level area of ground. The sensor installation is very sensitive to vehicle tilt in the fore-aft direction: 0.5° of vehicle tilt corresponds to up to 0.5L of measurement error.
- The gear selector must be in the PARK (P) position and the hood must be open.
- A minimum time of 10 minutes **MUST** be allowed to pass after running the engine. This drain down time is to allow the oil to return to the sump. Use of the eDipstick within this time **WILL** give an incorrect output.

Access Service Mode

With the ignition 'ON', engine not running: scroll through the Message Center using the RH controls on the steering wheel to access the eDipstick display via:

SERVICE MENU > OIL LEVEL DISPLAY.

1. Open hood.
2. Press the cruise control 'CANCEL' button twice within two seconds.
3. The instrument pack display will revert to the normal display in the trip computer.
4. Scroll through the trip menu to access the eDipstick display once more.
5. The graphic now corresponds to the LIVE value.

Messages to the right of the gauge will advise of any action that may need to be taken. If the oil level is below the required operating range, a message advising how much oil to add will be displayed; i.e., 'Add 0.5 Quart'. If necessary, add the recommended quantity of oil then re-check the level.

CAUTION: DAMAGE TO VEHICLE

Serious damage to the engine and components will result from overfilling engine with oil. When filling the engine with oil, ensure any spilled oil is immediately cleaned from the engine, components or bodywork.



ENGINE OIL LEVEL DISPLAY

1. If the oil level is within the required operating range, the message 'Level OK' will be displayed.
2. If indicated by the Message Center oil level display, remove the oil filler cap and add the appropriate quantity of oil. Wait five minutes to let the oil level stabilise and re-check the level.

CAUTION: DAMAGE TO VEHICLE

SAE 5W-20 meeting Jaguar specification WSS M2C925-A (Castrol SLX Professional OE 5W-20).

3. Clean up any oil spilled during the top-up process.
4. Install the oil filler cap.

CAUTION: DAMAGE TO VEHICLE

The ignition must be left 'ON' during the top-up so that the electronic dipstick can register and display the new oil level. This enables an accurate level re-check.

The service mode allows the average value to be updated with the correct live reading. This is to be used during the PDI procedure, and after an oil change. The procedure described below is used in order to reset the average oil level:

1. Access the service mode as described above.
2. Press and hold the cruise control '**CANCEL**' button for more than two seconds.
3. Switch the ignition '**OFF**' to allow the ECU to shutdown completely.
4. Switch the ignition '**ON**'
5. Access the eDipstick and verify that the stored value has updated correctly.

POWER STEERING FLUID LEVEL**CAUTIONS: DAMAGE TO VEHICLE**

It is imperative that the power steering system does not become contaminated in any way.

Clean the area around the reservoir neck before and after topping up.

Always dispense fluid from a fresh, sealed container.

Never return drained fluid into the power steering system.

Do not overfill the power steering system.

The power steering fluid level is recommended to be checked with the vehicle parked on a flat, level surface, the engine switched off and completely cold.

Check and Top-Up Procedure

1. Clean the area around the sight window.
2. Check that the fluid is between the marks indicated next to the sight window.
3. If the fluid is below or level with the lower dipstick mark, clean the area around the reservoir cap, remove the reservoir cap and replenish with recommended PAS fluid listed on page 9.
4. Install the reservoir cap securely.
5. Clean up all spilled fluid.



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