

Reference	SSM76002
Models	Defender / L663 Range Rover / L405 Range Rover Sport / L494
Title	'Add 1.0 litre/quart of engine oil' - Information Message Displayed In The Instrument Panel Cluster
Category	Engine
Last modified	10-Jul-2023 00:00:00
Symptom	401000 Oil System Concerns

Content **L405, L494, L663**
21MY - 23MY
V8 5.0L petrol engines only

Issue:

Investigations have found that an information message relating to the engine oil level may be displayed within the Instrument Panel Cluster, in error. One of the following messages will be displayed, depending on market specification.

- 'Add 1.0 litre of engine oil'
- 'Add 1.0 quart of engine oil'.

Cause:

Software error.

Action:

The below conditions must be met:

- The vehicle is stationary and the Electric Parking Brake (EPB) is applied
- The vehicle is on level ground
- The engine oil has reached its normal working temperature (oil is hot)
- The engine has been switched off for 10 minutes, as the system does not give an accurate reading until the engine oil level has stabilised.

Once the above conditions are met, the engine oil level can be checked by following the below instructions:

- Select the '**Settings**' icon on the touchscreen
- Select the '**All**' soft key
- Select the '**Vehicle**' soft key
- Select the '**My Vehicle**' soft key
- Select the '**Service**' soft key

The touchscreen will then display the engine oil level indicator.

L663 ONLY:

If the engine oil level is OK, update the PCM to the latest software level. No further action is required.

L405, L494 ONLY:

If the engine oil level is OK, advise the customer to ignore the message displayed in the Instrument Panel Cluster and explain that a software update will soon be available to rectify the incorrectly displayed message. Availability for the required software update will be announced through a separate communication.

ALL VEHICLES:

If the engine oil level is NOT OK, and is too low, top-up as required.

If the engine oil level is NOT OK, and is too high, drain the engine oil and refill to the required level.

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