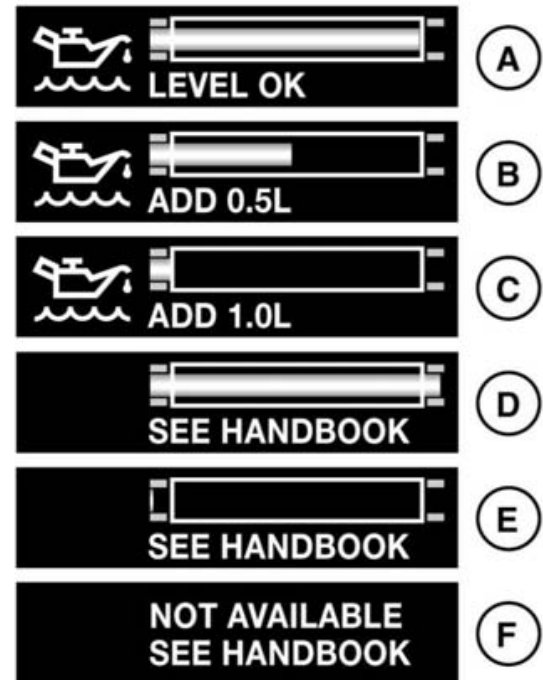


## Check and Top-Up Procedure – 3.0L V6 SC, 5.0L V8 SC only



E136172

### ENGINE OIL CHECK – 3.0L SC, 5.0L SC

- A** - Oil level 50% to 100% of recommended level. No top up required.
- B** - Oil Level 12.5% to 50% of recommended level. Add 0.52 quarts (0.5 liters) of oil and re-check.
- C** - Oil level 0% to 12.5% of recommended level. Add 1.04 quarts (1.0 liter) of oil and re-check.
- D** - Oil level above the maximum for safe operation. Engine oil will have to be drained before driving the vehicle.
- E** - Oil level below the minimum for safe operation. Add 1.04 quarts (1.0 liters) and re-check.
- F** - 'NOT AVAILABLE SEE HANDBOOK' message:
  1. Oil drain down in progress, oil level not available. Wait 5 minutes then re-check the oil level display.
  2. If this message is accompanied by the warning message 'Engine oil level monitor system fault', a fault with the oil level monitor system is indicated. Use SDD to establish and rectify the fault.

## Electronic Dipstick Service Operation – 3.0L V6 SC, 5.0L V8 SC only

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 gear selector must be in the PARK (P) position, and the hood must be open. The sensor installation is very sensitive to vehicle tilt in the for-aft direction: 0.5° vehicle tilt corresponds to up to 0.5L measurement error.
- 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.

To access the service mode, the following procedure should be followed:

1. Scroll through the Message Center to access the eDipstick display via OIL LEVEL DISPLAY.
2. Press the cruise control CANCEL button twice within 2 seconds. The Instrument Cluster display will revert to the normal display in the trip computer.
3. Scroll through the trip menu to access the eDipstick display once more. The graphic now corresponds to the LIVE value.

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;
2. Press and hold the cruise control CANCEL button for more than 2 seconds;
3. Switch the ignition 'OFF' to allow the ECU to shut down completely;
4. Switch the ignition 'ON', access the eDipstick and verify that the stored value has updated correctly.

### **Oil Level Warnings – 3.0L V6 SC, 5.0L V8 SC only**

Warnings will be displayed in the message center if the oil level is not within the safe operating levels. 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 1.04 quarts (1 liter) of oil.
- **Engine oil high (amber):** 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 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 SDD and SDD to establish and rectify the fault.