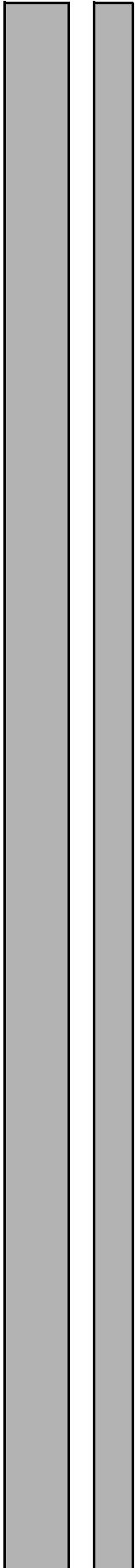


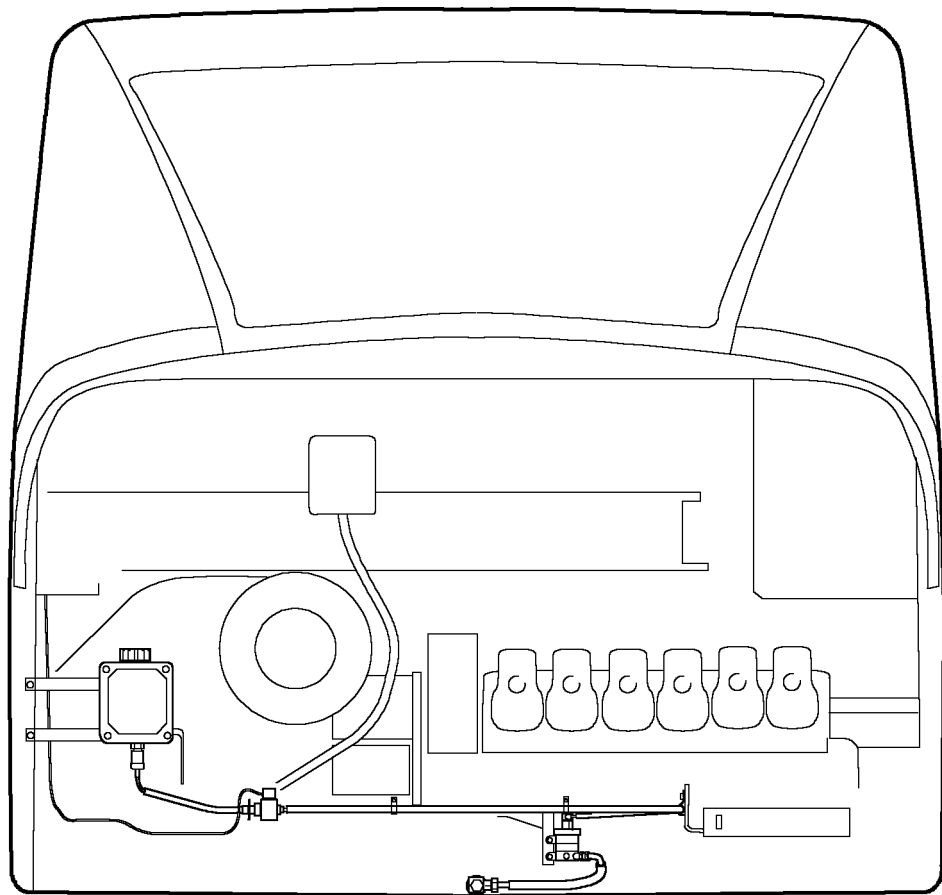
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Automatic engine oil filler



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Automatic engine oil filler

The automatic engine oil filler ensures that the engine oil is maintained at the correct level by automatically topping up the oil when necessary from an external reservoir mounted on the engine compartment wall.

The driver does not need to check the oil level by removing the dipstick. However, the driver must regularly check the level of the oil reservoir.

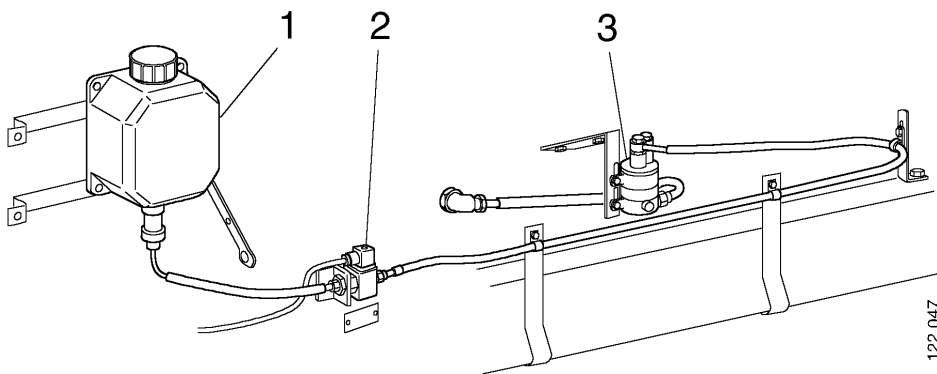
Function

The system consists of an oil reservoir connected via an oil pipe to a solenoid valve. The solenoid valve is connected to the ignition key. When the ignition is on, the solenoid valve is closed.

From the solenoid valve, the oil passes to a float chamber mounted to the outside of the engine. The float chamber is connected to the oil sump via a connector that replaces the oil plug.

When the engine is shut off, the solenoid valve is disconnected and opens to allow the oil to run into the oil sump via the float chamber under its own pressure. When the oil level in the engine is correct, the float chamber closes the connection.

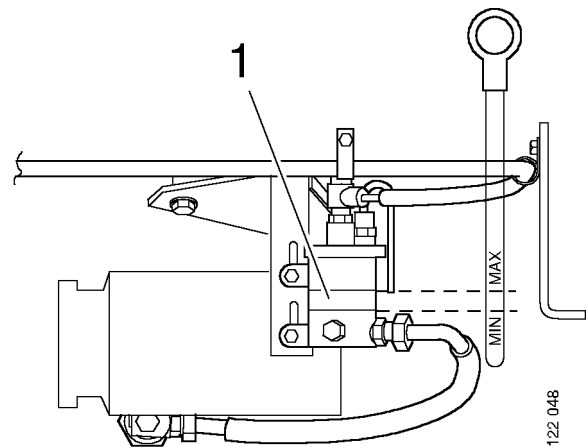
Note: When changing the engine oil, the oil reservoir will empty if the ignition is off.



- 1 Oil reservoir
- 2 Solenoid valve
- 3 Float chamber

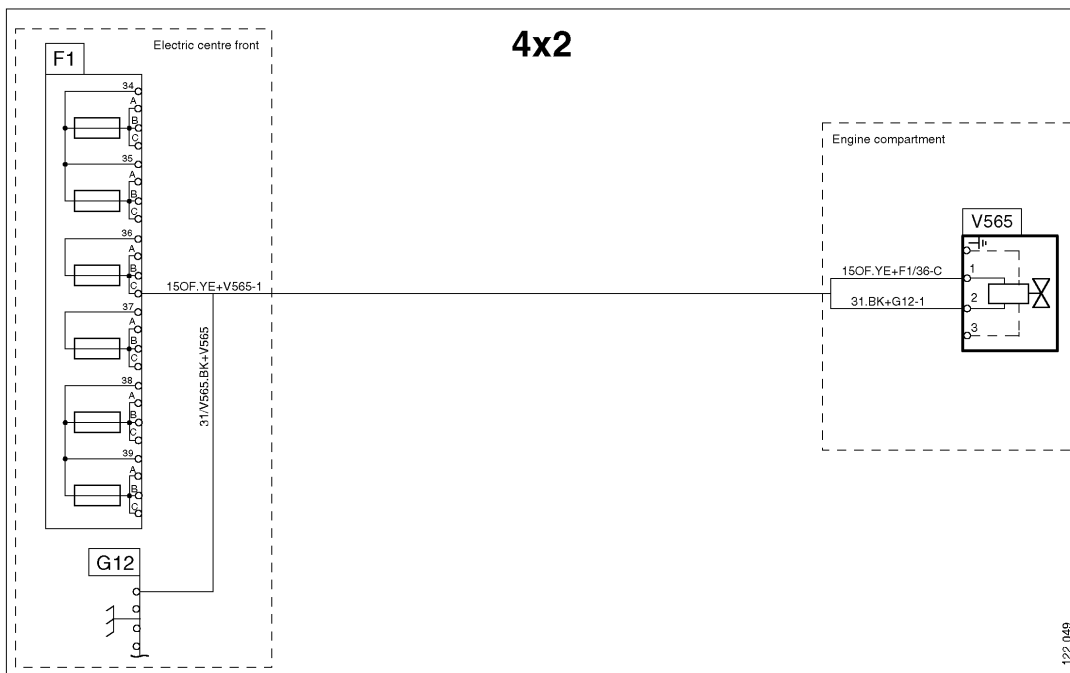
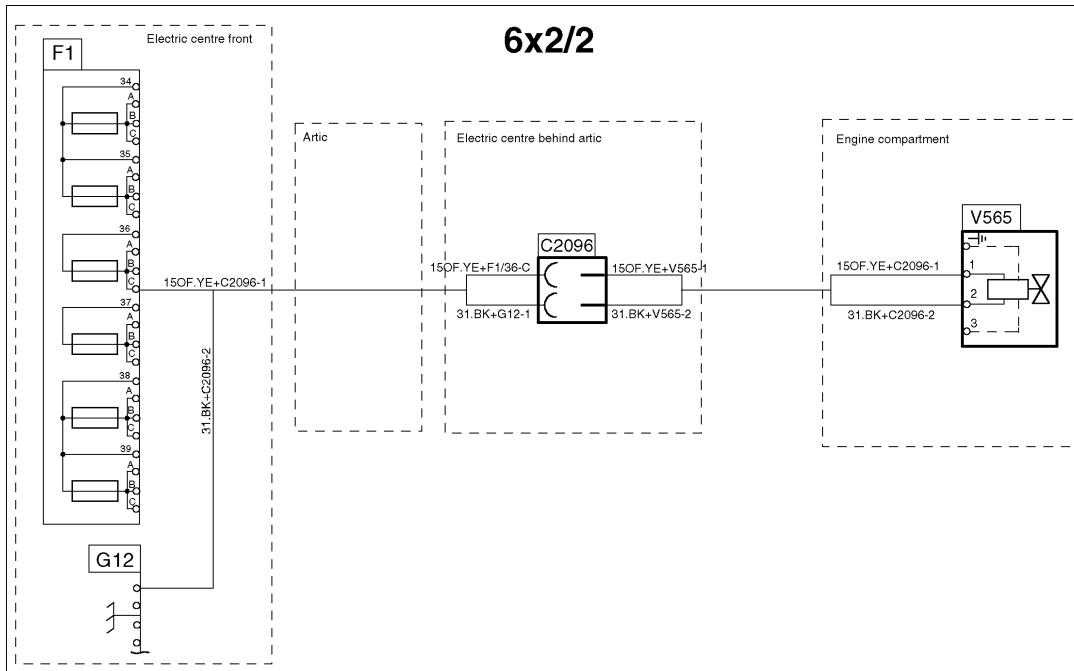
Check when servicing

- 1 Remove the dipstick and check the oil level. If the oil level is too high or too low, the automatic engine oil filler does not function correctly.
- 2 Solenoid valve function. The solenoid valve must be closed when the ignition is on.



- 1 Float chamber

Wiring diagrams



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