

## Ventilation

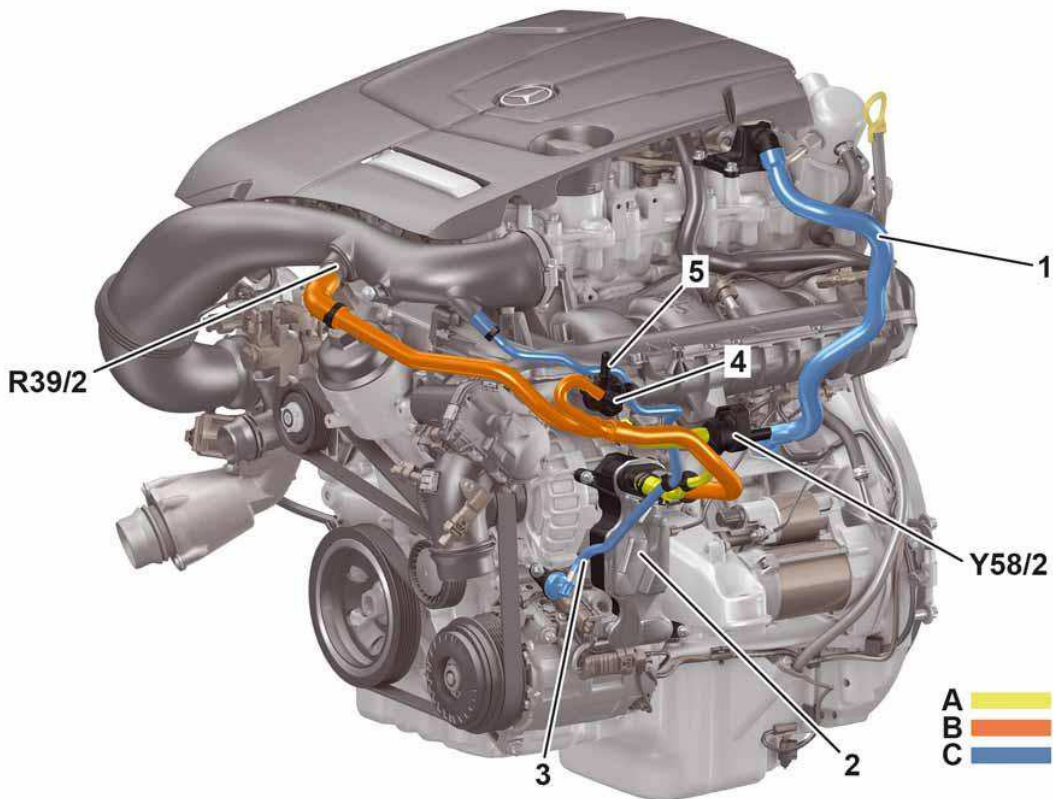
Ventilation of engine 274 is carried out by an oil separator, a partial load ventilation system and a wide open throttle ventilation system.

The crankcase is vented via the line from the air intake pipe.

During partial load operation, ventilation takes place from the oil separator to the charge air distributor.

During wide open throttle operation, ventilation takes place from the oil separator to the air intake pipe. There is a heater element in the wide open throttle vent line which prevents the crankcase ventilation system from freezing up.

The blow-by gases are removed via the oil separator vent line from the oil filler neck to the oil separator. The vent line is connected to the oil separator via a port in the crankcase.



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- 1 Oil separator ventilation
- 2 Oil separator
- 3 Engine ventilation
- 4 Purge valve
- 5 Tank ventilation connection

- R39/2 Wide open throttle operation vent line heater element
- Y58/2 Partial load operation crankcase ventilation system valve
- A Partial load ventilation
- B Wide-open throttle ventilation
- C Ventilation