

Oil-stop cable

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The problem? Short-circuiting, failure of the vehicle electronics

In all Mercedes-Benz petrol engines with engine codes M111 and M271, damage to the control unit and individual parts of the camshaft sensor can be traced back to a design flaw.



The cause? Oil leaking from the camshaft-sensor plug

As the result of a design flaw, oil is able to leak out of the camshaft-sensor plug and infiltrate the length of the cable harness to reach the control unit due to the capillary effect (which describes how liquids spread out in tight gaps, tubes and pipes).



The solution? Use the oil-stop cable

The aforementioned damage can be prevented using the oil-stop cable from the Elparts product range. Fine copper sleeves have been incorporated into both lines of the oil-stop cable. These are also wrapped in heat-shrink tubing coated with adhesive.

As a result, the oil is prevented from spreading any further in the cable harness. The harness is detached from the sensor before the oil-stop cable is inserted between the connection on the sensor and the old harness and fixed in place using the supplied cable tie. We therefore recommend installing one oil-stop cable on every M111 (engine code) and two on every M271.

