



PI 1839
For technical personnel only!
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PRODUCT INFORMATION

REPAIR KIT FOR MERCEDES-BENZ M272 INTAKE MANIFOLD

IS THIS PROVISIONAL SOLUTION ADVISABLE?

Vehicles	Product: Variable intake manifold		
Mercedes-Benz	Pierburg no.	Ref. no.*	Replacement for *
C, CLC, CLK, CLS, E, ML, R, S, SL, SLK, Sprinter, Viano	7.00246.33.0	A 272 140 21 01; A 272 140 22 01; A 272 140 24 01	7.00246.26.029.0

With this variable intake manifold for Mercedes-Benz M272, unfavourable conditions can cause the plastic material of the cam control mechanism to become porous. We are aware of repair kits for the variable intake manifold from various markets.

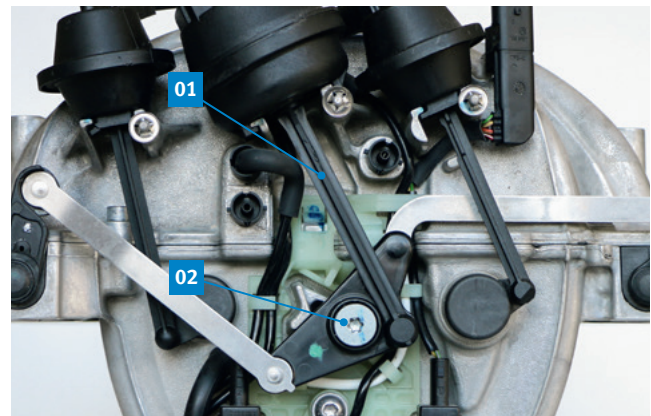
IS A REPAIR WITH THIS KIT WORTHWHILE?

- With this provisional solution, the rod (01) of the pressure box must be trimmed to the exact correct dimension. Otherwise, the damper adjustment is out of alignment and the vehicle loses performance or generates an error message.
- The adhesion between the adapter piece and the rod (01) can become unstuck – with the same consequences.
- The central screw (02) is self-tapping. Once it becomes loose, it no longer holds securely.
- If the actual cause is not removed, the repair solution may also break (see the following page for the causes).
- The installation and removal of the intake manifold takes approximately two man hours depending on the vehicle in question – the provisional solution is not taken into account here. If the fault occurs again, the same time is required a second time – and the costs for you are doubled.

WE THEREFORE ADVISE AGAINST USING THIS REPAIR KIT.



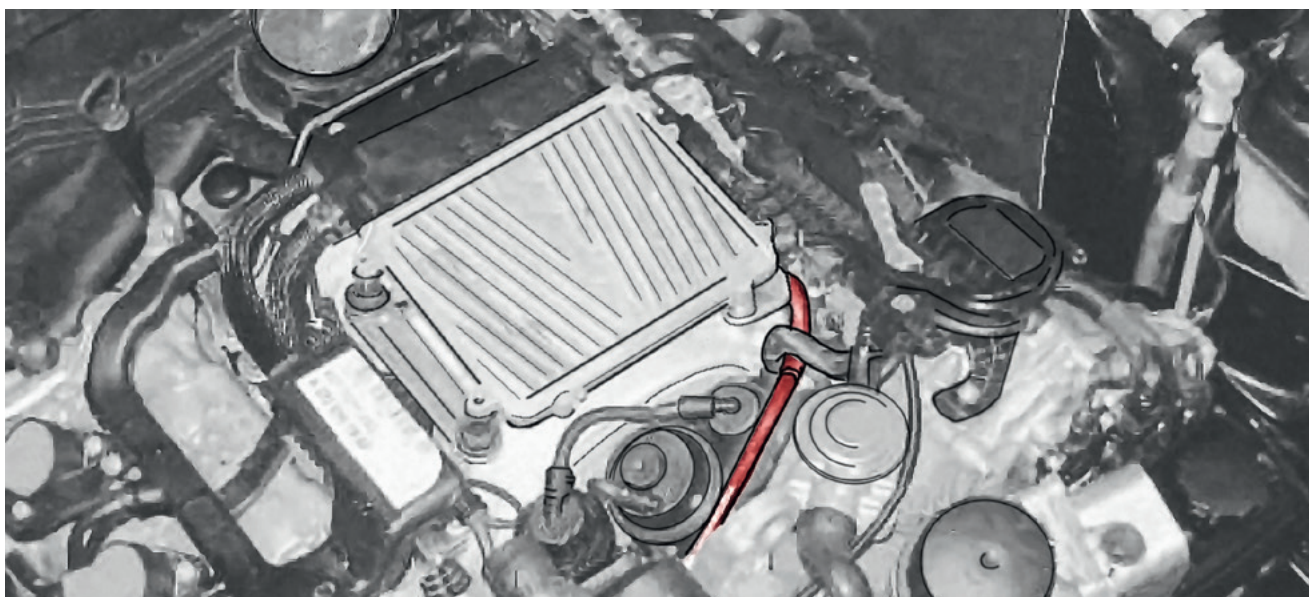
Variable intake manifold 7.00246.33.0



Cam control mechanism

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance.

* The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.



Engine compartment W211 with engine ventilation system line (highlighted)

BACKGROUND INFORMATION

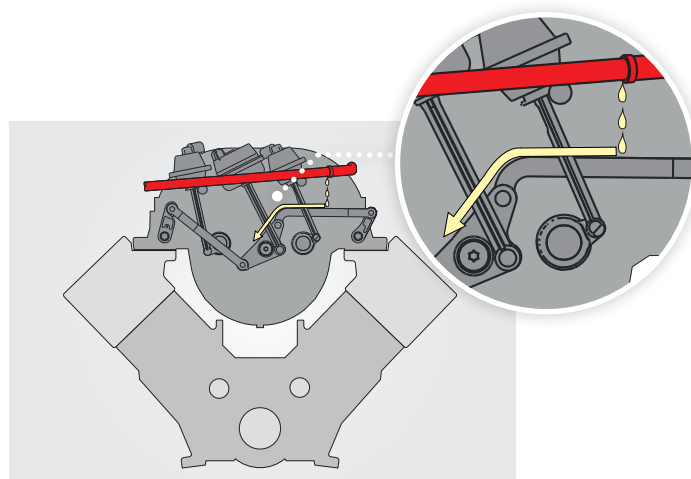
The cause of damage is not the intake manifold but a leaky line in the engine ventilation system. The line in the engine ventilation system runs above the cam control mechanism on the intake manifold. The line originally fitted in the engine ventilation system can start to leak with age or strain. If oil leaks out here and drips onto the cam control mechanism, its plastic material can become porous and break.

TYPICAL COMPLAINTS:

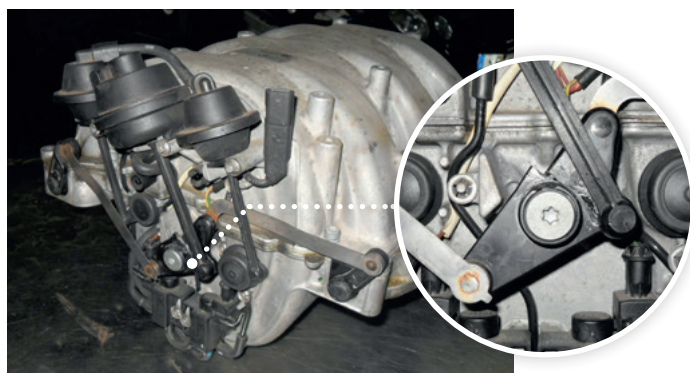
- Lack of power
- Valves not working
- Cam control mechanism breaks
- Malfunction indicator lamp lights up

REMEDY:

- If oil leaks out, the plastic line must be replaced immediately with an aluminium line.
- If the cam control mechanism is already damaged, the intake manifold should be replaced.



Cause of damage: Oil leaking from line of engine ventilation system (highlighted) and damaging cam control mechanism



Typical damage symptoms: Fracture on cam control mechanism