



INTAKE MANIFOLD MODULES

AIR CONTROL SYSTEMS | 13205

Function

The intake manifold module with changeover flaps (swirl flaps) ensures that the incoming fresh air can enter the combustion chamber in a controlled rotary movement and thus achieve a better mixture of fuel and air. This has a positive influence on the emissions and fuel consumption of the engine.



SYMPTOMS

- after replacement of the intake manifold module, the engine does not deliver full power
- motor control lamp lights up
- error code for defective or jammed actuator of the intake manifold module



FAILURE CAUSES

- The servomotor is affected and no longer reaches the required end positions and/or can no longer signal these to the control unit.



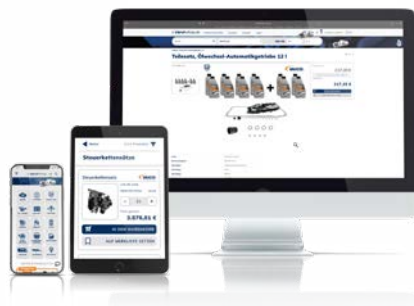
RECOMMENDED BY THE EXPERTS

- careful inspection of the actuator before installing the new intake manifold module
- additional installation of the VEMO quality brand servomotor with the following assignment:
 - intake manifold module: V10-3948 Servomotor: V10-77-0024
 - intake manifold module: V10-3949 Servomotor: V10-77-0024
 - intake manifold module: V10-4439 Servomotor: V10-77-0037
 - intake manifold module: V10-4477 Servomotor: V10-77-0037



DID YOU KNOW?

Heavy soiling of the intake manifold module makes the actuator difficult to move and prevents it from opening or closing completely. As a result of the continuous operation in these conditions, the servomotor may be damaged and must be replaced. Unfortunately, the manufacturer's self-diagnosis does not check the servomotor and always issues a fault on the intake manifold module. Even if only the actuator motor is defective, an error code is output to the suction pipe module.



INTAKE MANIFOLD MODULES FROM VAICO

This and other articles from the Intake Manifold range can be found on www.vierol-shop.de/en

- **PA6FG30 Material:** high resilience, excellent resistance to wear
- **Seals included:** workshop-oriented repair kits, known as Expert Kits +
- **Comprehensive quality test** on-site: resistance to heat, pressure test