THEME NEW ITEM LAUNCH

EGR VALVE MODULE WITH COOLER

EFFICIENCY & EMISSIONS

ITEM DETAILS

Nissens' Item no.
98178

Valve Technology
DC-Motor driven
with cooler module

Applications
VAG Group, 2003-
Various Models
1.4 / 1.6 / 2.0 TDI

Launch date
March 2021
(In stocks - June 2021)

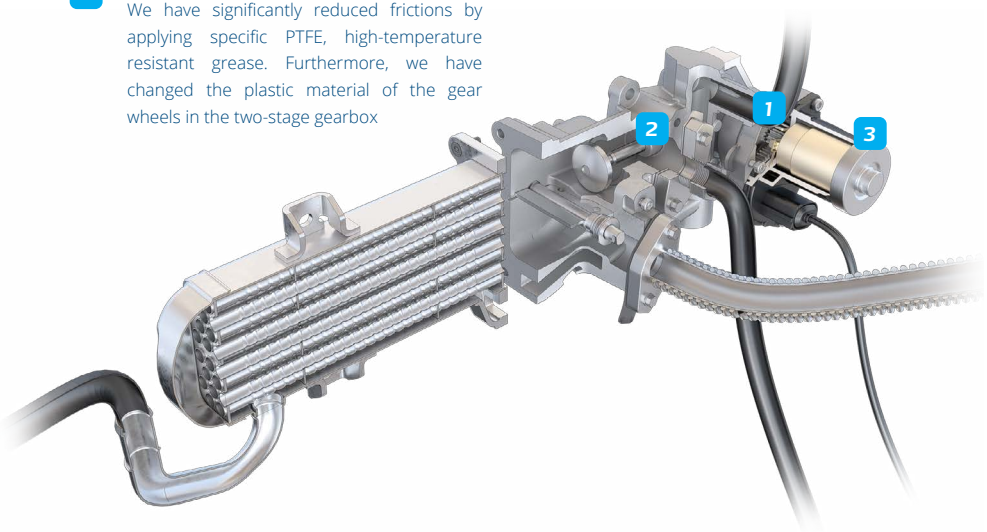
OE Numbers:
03L131512AP
03L131512AT
03L131512BJ
03L131512BL
03L131512CF
03L131512CH
03L131512DQ
03L131512N
03L131527AX
03L131512BB

Interesting IAM FACTS

PREMATURE FAILURES
Replacement
and OE models

SIGNIFICANT CAR PARK
7 mio VIO - Number
of Vehicles In Operation
(European car park)

1 **OPTIMIZED GEAR BOX DESIGN**
We have significantly reduced frictions by applying specific PTFE, high-temperature resistant grease. Furthermore, we have changed the plastic material of the gear wheels in the two-stage gearbox



2 **IMPROVED DESIGN OF THE VALVE STEM**
To avoid the known, severe malfunction of valve functionality caused by the engine load and vibrations, we have improved the valve's stem and lever arm's fixation by applying a unique design spiral pin.

3 **DC-MOTOR DESIGN UPGRADE**
We have optimized the motor's bearing system to secure the motor's long and flawless operation in harsh working conditions with vibrations and frequent temperature changes.

NISSENS EGR VALVE
EXCELLENT SOLUTION
FOR THE AFTERMARKET

This EGR valve design is widely applied in prevalent TDI engine-based applications. However, its premature failures can impair the EGR system's functionality, affecting the engine's proper operation. Malfunctions can occur both in the original and replacement parts.

Nissens' solution for this particular EGR model addresses the typical malfunction issues.

To secure the valve's proper function and a long lifetime in spite of exposure to harsh working conditions (temperatures, exhaust gases, vibrations), we have developed our product, applying several design improvements and comprehensive test series.

The result is a perfectly performing, durable replacement part and a competitive aftermarket solution.

Genuine Nissens Quality Proven Reliability & Performance

Testing our valve, we employ a highly profiled, comprehensive validation procedure to secure its full functionality during its lifetime.

Genuine Nissens' test series consist of complete EGR valve operation and sensor feedback signal tested under temperatures simulating the engine compartment operational conditions. Furthermore, we test the EGR cooler performance for NOx emissions reduction according to the EU5 norm. The EGR cooler bypass function is also tested for cold start. Finally, the valve undergoes a comprehensive corrosion test.

For more information about Nissens' complete offering, contact Nissens' local sales office. For product technical data, consult our catalogues at catalogue.nissens.com.

GO TO ***CATALOGUE***

Nissens
DELIVERING **THE DIFFERENCE**