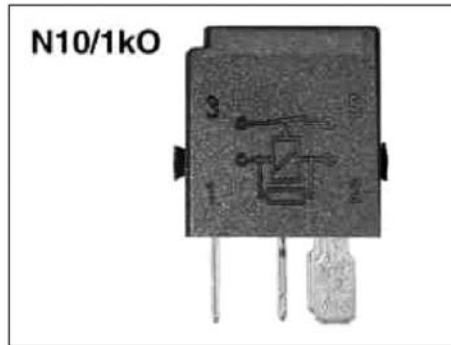


Air Injection Pump Relay: Description and Operation

Air Pump Relay, Description Of Components



P14.30-2100-01

Shown on engine 272.963 in model 171
N10/1kO Air pump relay

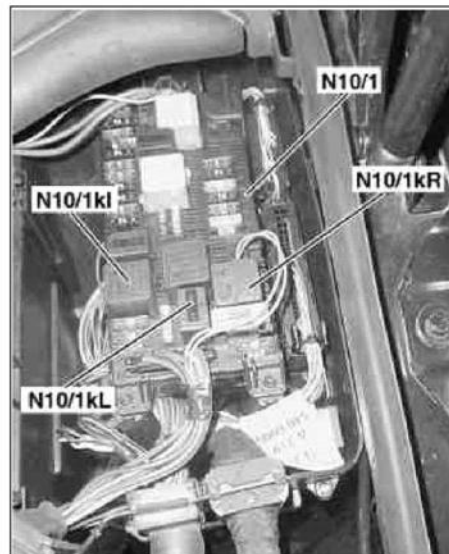
Component Identification

Location

- Models 203, 209, 221: in front SAM control unit with fuse and relay module
- Models 171, 211, 219: in driver-side SAM control unit with fuse and relay module
- Model 230: passenger-side fuse and relay module
- Models 164, 251: in engine compartment fuse and relay box.

Shown on models 211, 219

- N10/1 Driver-side SAM control unit with fuse and relay module
- N10/1kl Circuit 87 relay, engine
- N10/1kL Starter relay
- N10/1kR Oil cooler air pump/fan relay (Oil cooler fan only on the AMG)



P07.61-3150-0

Component Identification

Task

Actuates the electrical air pump and the air pump switchover valve.

Design

Vehicle specific relay with flat plug contacts and a closing contact.

Function

The secondary air injection relay is operated by the ME-SFI control unit through an output stage by means of a GND signal. The voltage is supplied through circuit 87.