



Installation instructions

Transmission oil cooler with auxiliary fan **27.2**

Model 124.034

The transmission oil cooler with auxiliary fan is required when a trailer coupling is installed on vehicles equipped with air conditioner/automatic climate control.

Note: These instructions describe only those operations which differ from the procedures for Models 124.133/193/333/393 (see Special equipment, Volume 3, Operation No. 27.1).

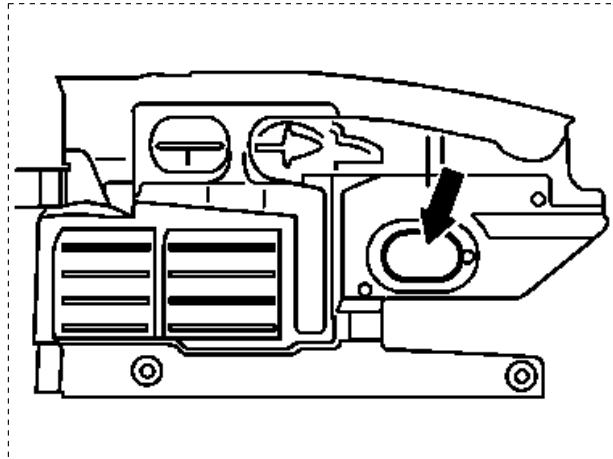
A circuit diagram for the auxiliary fan is provided in "Electrical wiring diagrams, Model 124 from 10/92 onward, Volume 1."

The installation instructions are divided into the following sections:

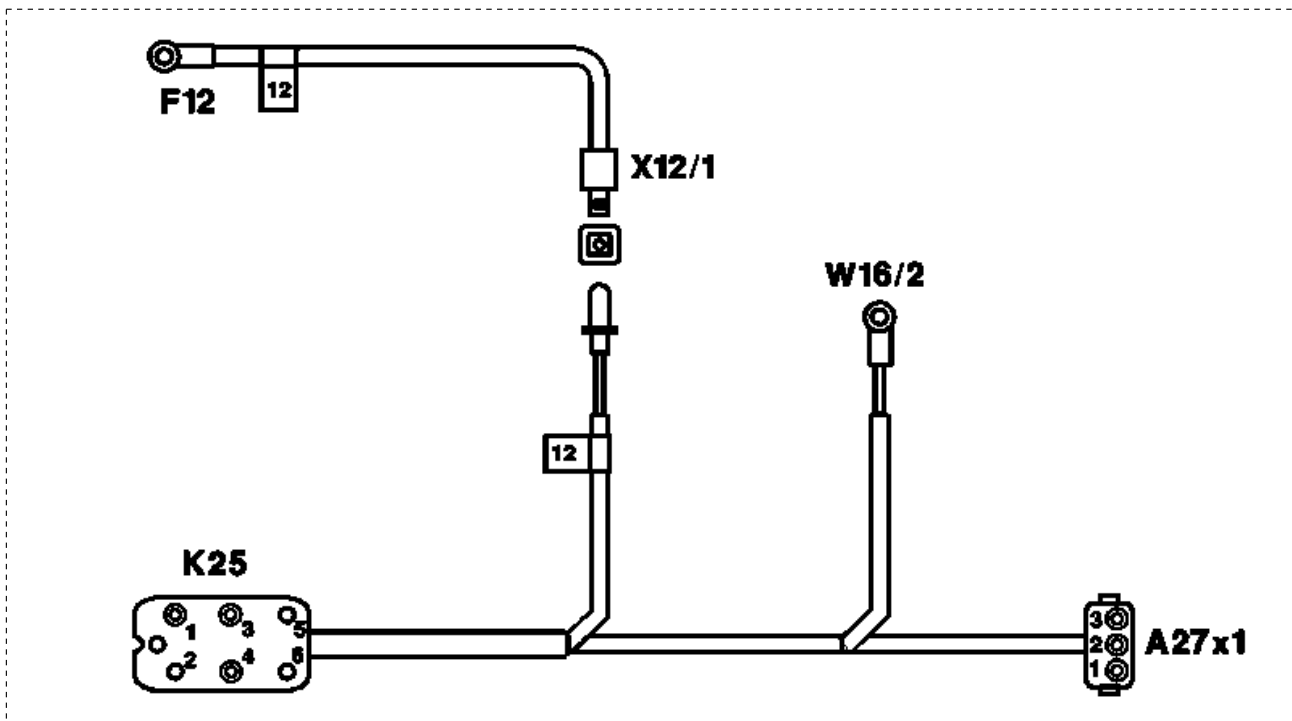
- A. Mechanical/hydraulic
- B. Electrical
- C. Parts

A. Mechanical/hydraulic

- 1 Remove (install) right-side engine encapsulation. Punch out the prestamped oblong hole (arrow) and run the oil cooler lines through the resulting opening.



B. Electrical



A27 x1 Plug connection, transmission fluid cooling fan
 F12 Fuse and relay box
 Fuse 12, Terminal 15
 K25 Cooling fan motor relay (transmission fluid)

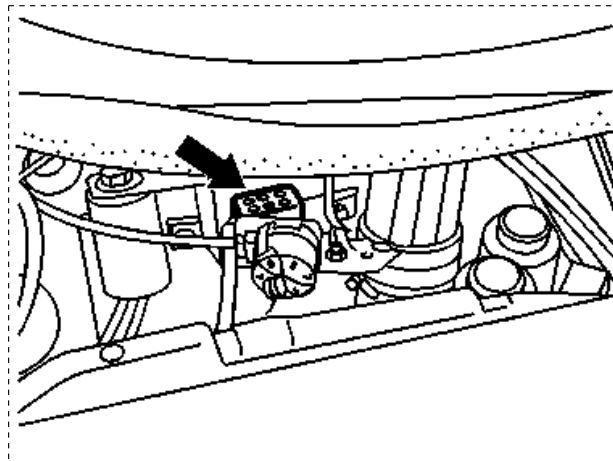
W16/2 Ground, component compartment, right side
 X12/1 Terminal block, Terminal 15, unfused (1 pin)

Battery ground cable disconnect.
 Cover on fuse and relay box remove.
 Fuse carrier detach.

Gray/green lead..... connect to fuse 12 (output side).
 Auxiliary wiring harness pull from fuse and relay box. Then continue routing below the blower housing from left to right, secure.
 6-pin connector on auxiliary wiring harness clip into factory-installed bracket behind the module box. (Position 2)
 Auxiliary relay insert in 6-pin connector.
 Ground line..... connect to ground (W16/2).

Auxiliary wiring harness..... run along right-side wheelhousing and to front cross member. Secure.
 3-pin connector..... plug onto blower housing.
 Cover on fuse and relay box. secure.
 Battery ground cable..... reconnect.
 Perform operation check the fan motor should run briefly when the ignition is switched on.

- Clip the 6-pin connector on the auxiliary wiring harness (arrow) into the factory-installed bracket behind the module box, then plug on the auxiliary relay.



C. Parts ordering note

Consult the parts documentation for a listing of the components required for installation:

Package contents

Group 99
