

## 27-550 Removing and installing transmission air-oil cooler with blower (models 124/140)

Operation number of the operation texts and work units or standard texts and flat rates:  
27-9100

### Note

The transmission air-oil cooler with blower is only required in vehicles with air conditioner or automatic climate control and trailer coupling if the trailed load amounts to over 1500 kg gross vehicle weight.

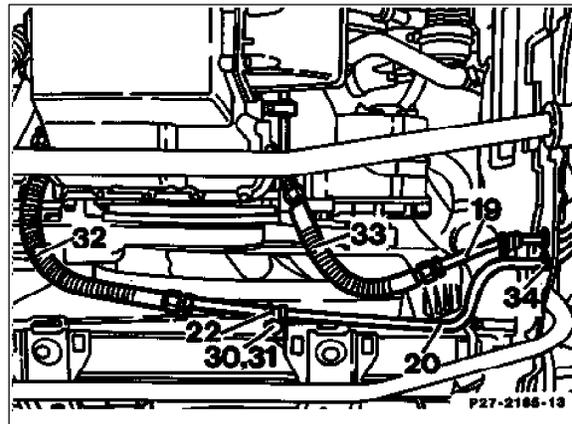
### Removing and installing

1 Remove front bottom section of noise encapsulation.

2 Seal off oil hoses (32, 33) on oil lines (19, 20). Remove clamp (22).

### Installation note

Check and correct transmission oil level of automatic transmission (see Maintenance Manual, volume 2, op. no. 2710). Fit rubber grommet (34).

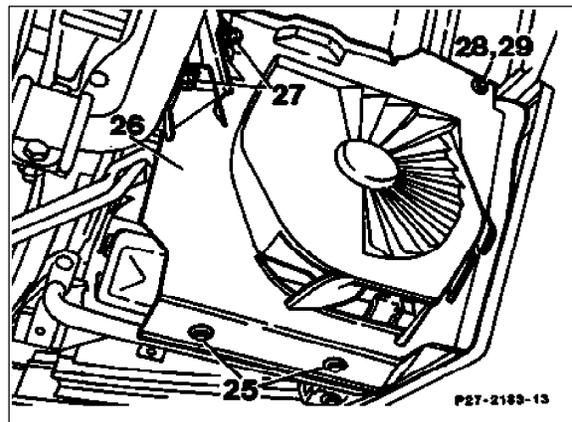


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- 19 Oil line
- 20 Oil line
- 22 Clamp
- 30 Nut M6
- 31 Bolt M6x16
- 32 Oil hose
- 33 Oil hose
- 34 Rubber grommet

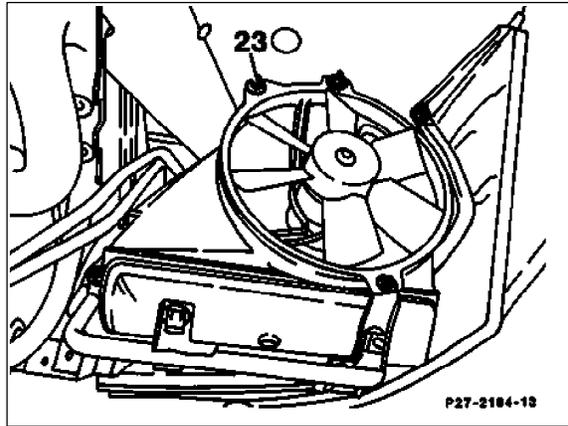
3 Unscrew bolts (25, 29) and nuts (27, 28), remove covering (26).

- 25 Bolt M6x12
- 26 Covering
- 27 Plastic nut
- 28 Metal nut
- 29 Bolt B6.3x16



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4 Unscrew nuts (23).

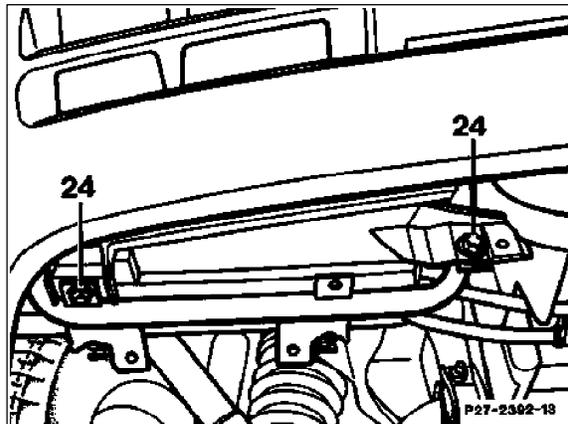


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5 Unscrew bolts (24), then drain air-oil cooler with blower and blower housing a little and disconnect 3-pin plug connection.

6 Remove complete air-oil cooler.

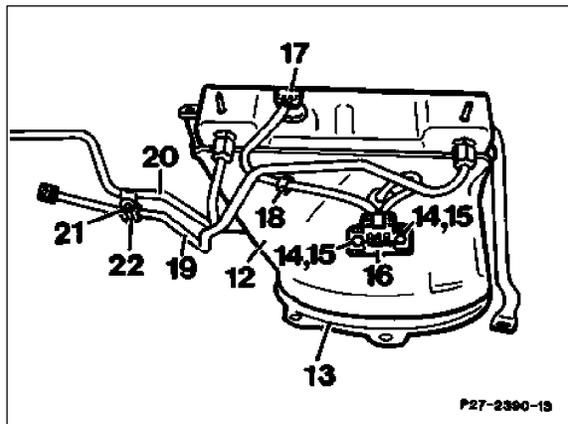
24 Bolt M6x16



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7 Unscrew blower housing (12) with blower (13).

- 12 Blower housing
- 13 Blower
- 14 Metal nut
- 15 Bolt B4.8x16
- 16 Plug
- 17 Connector
- 18 Clamp
- 19 Oil line
- 20 Oil line
- 21 Bolt M6x16
- 22 Clamp

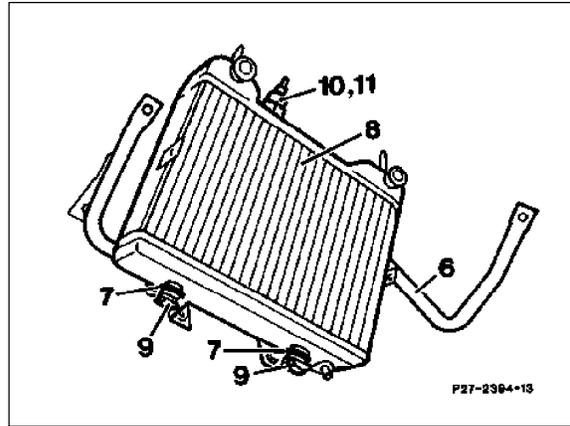


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8 Check air-oil cooler (8) for damage and leaks.  
Check temperature switch (10).

**Note**

The temperature switch may also be checked and replaced with the oil cooler in situ. To do this, the headlamp must be removed.



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- 6 Retaining bracket
- 7 Rubber grommet
- 8 Oil cooler
- 9 Clip
- 10 Temperature switch
- 11 Sealing ring

**Note**

Retrofitting is described in volume 3 of Special Equipment. Parts are listed in the parts microfilm for Group 50.

**Installation survey of transmission air-oil coolers 1)**

| Model         | As standard | Special equipment, in conjunction with air conditioner and trailer coupling |
|---------------|-------------|---|
| 124.133/193   | -           | X   |
| 124.034       | -           | X   |
| 140.042/0432) | -           | X   |
| 140.050/0512) | -           | X   |
| 140.056/057   | X           | -   |
| 140.134       | X           | -   |

1) Except I H .

2) Not as from 06/93