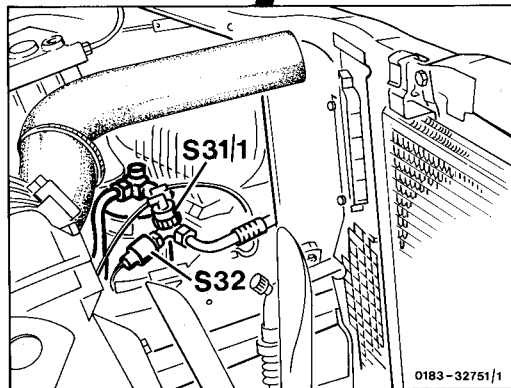
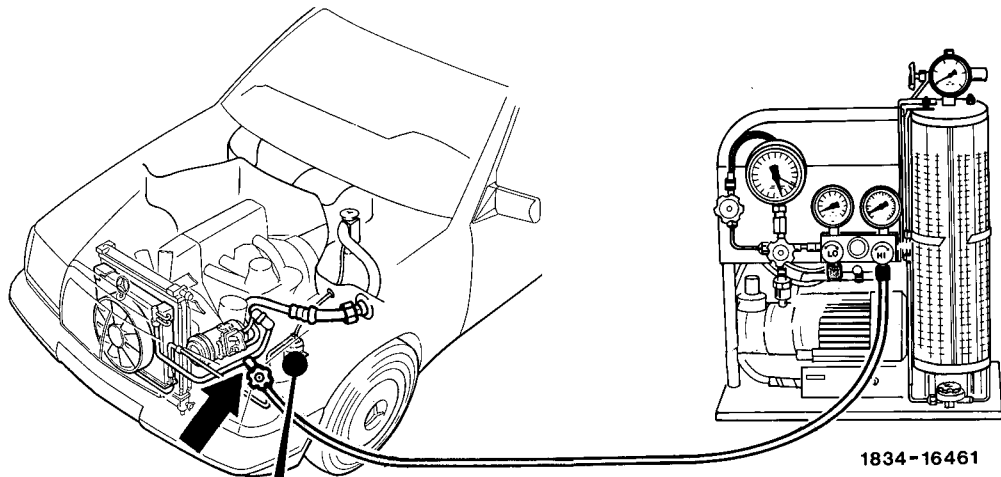



83-544 Testing, removal and installation of pressure switch for auxiliary fan in fluid reservoir

Operation no. of operation texts and work units or standard texts
and flat rates 83-0587



Testing

Ignition	switch on.
Terminals on pressure switch (S32)	jump. If the auxiliary fan does not run at speed 1 the pressure switch is O.K. and the malfunction is elsewhere (see electrical circuit diagrams 83-506).

Connect high-pressure gauge (arrow)	to fitting (arrow).
Air-conditioner function 	switch on.
Set fan switch	to speed 4.
Run engine	at idle until pressure on gauge reaches approx. 22/18 ± 0.5 bars (corresponding to pressure of approx. 20/16 ± 0.5 bars on pressure switch (S32), increase engine speed slowly if required. If auxiliary fan does not switch on at speed 1 the pressure switch is defective.

Run engine	at idle until the pressure on the gauge reaches approx. 17/14 ± 0.5 bars (corresponding to a pressure of approx. 15/12 ± 0.5 bars on pressure switch (S32), disconnect one plug from pressure switch (S31/1) if required. If the auxiliary fan does not switch off the pressure switch (S32) is defective.
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Removal and installation

Air-conditioner	drain.
Disconnect both plugs	from pressure switch (S32).
Unscrew	pressure switch (S32).
Plug	fluid reservoir at fitting.
Reinstall in reverse order	moisten O-ring with refrigeration oil and tighten to 10 ± 2 Nm.
Air conditioner	evacuate, recharge and check for proper function and leakage (83-508); allow engine to run at idle speed only for first 4 minutes.

Data

Pressure switch (S32) in fluid reservoir for auxiliary fan speed 1 and, on 4-cylinder engines, for electromagnetic engine fan clutch	Switch-off pressure: 15 ± 0.5 bars (green)
	12 ± 0.5 bars (red)
	Switch-on pressure: 20 ± 0.5 bars (green)
	16 ± 0.5 bars (red)
