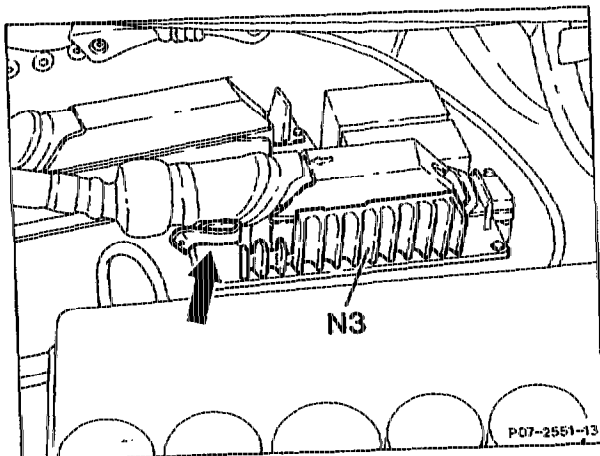
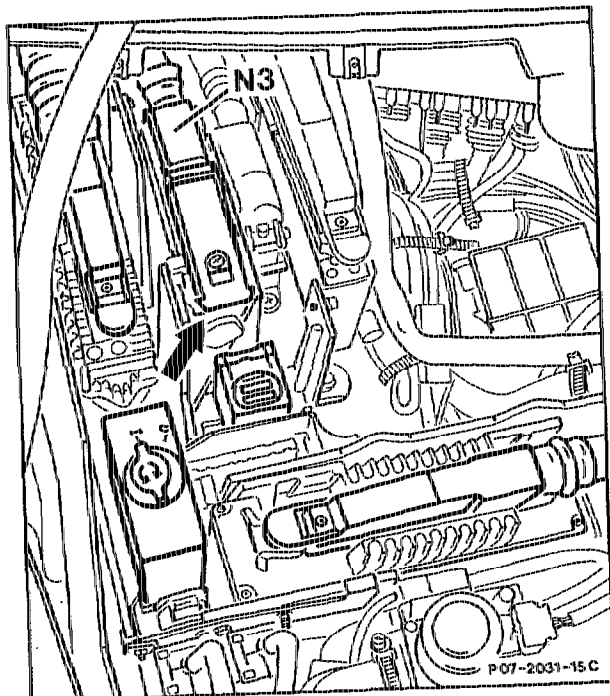


07.3-1698 Removing and installing CIS-E control unit

Operation No. of operation texts and work units or standard texts and flat rates:
07-1698



Model 124



Model 129

Ignition	switch off.
Accessories compartment cover	remove, install.
Locking bar (arrow)	open, close.
CIS-E control unit connector	unplug, plug in.
Screws	unscrew, screw in.
CIS-E control unit (N3)	remove, insert.

Notes

As a result of a software modification, no fault is displayed anymore when driving at high altitudes.

Production breakpoint

Model	Vehicle Ident End No.	Production breakpoint
124	B 140137	November 1989
	F 139401	February 1990
129.061	F 001144	July 1989

Since August 1990 the tuning of the secondary air pump and exhaust gas recirculation has been modified (introduction of end-of-production-line diagnosis).

Production breakpoint: August 1990

Model	Engine	Vehicle Ident End No.	Basic version	National version		
				(AUS)	(J)	(USA)
124.031	104.980	B 322830	X	-	X	-
		B 328633	-	X	-	X
124.051	104.980	B 327269	X	-	X	-
		B 323655	-	X	-	X
124.091	104.980	F 156273	X	-	-	-

Since September 1990 CIS-E control units with a modified program have been installed. As a result, the specified value of the current at the electrohydraulic actuator is available as soon as the ignition is switched on without any time delay.

The modified control units can also be installed on vehicles with a lower vehicle ident end no.

Measuring current at the electrohydraulic actuator (CIS-E control units up to 09/90):

When measuring the current at the electrohydraulic actuator (after switching on the ignition), a difference of +/- 13 mA from the respective specification is permissible. The specification must be achieved after 15 minutes. If the amperages are within the specified tolerance, the control unit is operating properly and therefore does not need to be replaced.

Production breakpoint: September 1990

Model	Engine	Vehicle ident end no.
124.031/051/061/091	104.980	B 343721 F 158705
129.061	104.981	F 019363

Since April 1991 an EZL ignition control unit with modified map and a modified CIS-E control unit have been installed for the adjustment range of the inlet camshaft in order to reduce combustion noises.

The total adjustment range of the inlet camshaft is reduced to 29 °CA (previously 34 °CA).

The inlet camshaft advance at part load at engine speed above 5000 rpm has likewise been reduced from 17 °CA to 14.5 °CA.



The CIS-E control unit must only be installed together with the relevant EZL ignition control unit.

Production breakpoint: April 1991 (except ^(USA))

Model	Engine	Engine end no.	
		Manual transmission	Automatic transmission
124.031 124.051 124.091	104.980	005792	025654
129.061	104.981	001134	010894