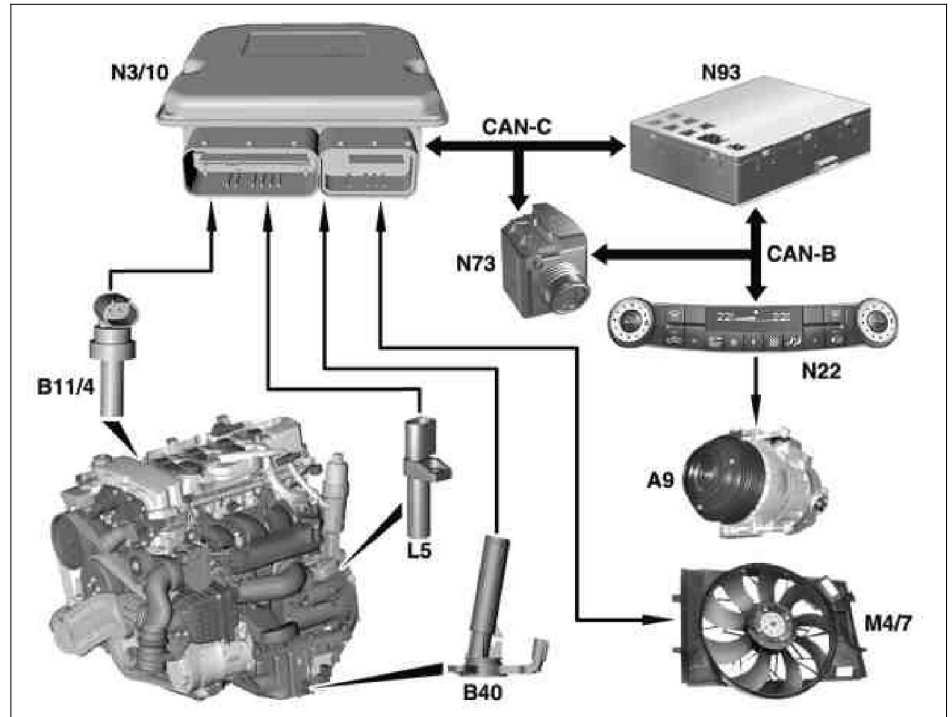


ENGINES 271.921 in MODEL 203 up to Model Year 08 /Modification Year 07
ENGINES 271.940 in MODEL 203 up to Model Year 08 /Modification Year 07
ENGINES 271.941 in MODEL 211
ENGINES 271.944 in MODEL 171 up to Model Year 08 /Modification Year 07
ENGINES 271.946 in MODEL 203 up to Model Year 08 /Modification Year 07
ENGINES 271.948 in MODEL 203 up to Model Year 08 /Modification Year 07
ENGINES 271.955 in MODEL 209
ENGINES 271.956 in MODEL 211
ENGINES 271.940 in MODEL 209

A9 Refrigerant compressor
B11/4 Coolant temperature sensor
B40 Oil sensor (oil level, temperature and quality) (up to 05/2005)
L5 Crankshaft position sensor
M4/7 Engine and AC electric suction fan with integrated control
N3/10 ME-SFI [ME] control unit
N22 AAC [KLA] control and operating unit
N73 EIS [EZS] control unit
N93 Central gateway control unit (except model 203 up to 03/04 and from 12/04, model 209)



P07.61-2893-06

CAN-B body data bus (Controller Area Network)

CAN-C engine data bus (Controller Area Network)

The ME-SFI [ME] control unit indirectly actuates the electric suction fan engine and AC continuously.

The fan specified speed is transmitted by the ME control unit via a pulse width modulated signal (PWM signal).

The duty cycle of the PWM signal is 10 to 90%.

Meaning:

10% Electric suction fan "OFF"
 20% Electric suction fan "ON", minimum speed
 90% Electric suction fan "ON", maximum speed

The AAC control and operating unit transmits the status of the automatic air conditioning via the CAN data bus to the ME control unit. The fan specified speed is dependent on this and on the coolant temperature.

Data exchange between CAN-B and CAN-C takes place via:

- EIS [EZS] control unit for model 203 except 04/04 up to 11/04, model 209
- Central gateway control unit for model 171, model 203 from 04/04 up to 11/04, model 211

The engine and AC electric suction fan runs on for up to 5 minutes at "Ignition OFF" if the coolant temperature, the engine oil temperature (up to 05/2005) or the temperature of the ME control unit exceeds the specified maximum values.

If the battery voltage drops excessively during this operation, engine-off running is suppressed.



Model 211

If an SBC undervoltage exists, the fan speed is limited and the fault code is stored in the ME control unit.

	Crankshaft position sensor, component description	L5	GF07.04-P-6010KE
	Coolant temperature sensor, component description	B11/4	GF07.04-P-6040KE

	ME-SFI [ME] control unit, component description	N3/10		GF07.61-P-6000KE
	Component description of oil sensor	B40	Up to 05/2005	GF18.40-P-2000KE