


For ML 55's and 500's

GF83.40-P-2172-01GI	Engine and AC electric suction fan with integrated control, function		 GF
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Function

Depending on the refrigerant pressure and/or on the coolant temperature the speed of the engine and AC electric suction fan with integrated control (M4/7) is increased infinitely.

The engine and AC electric suction fan with integrated control (M4/7) receives the coolant temperature from the coolant temperature sensor (B11/4) and the refrigerant pressure from the refrigerant pressure and temperature sensor (B12/2).

This input information is compared by the engine and AC electric suction fan with integrated control (M4/7) with the stored values and, if necessary, the speed of the engine and AC electric suction fan is increased to 100 %

The engine and AC electric suction fan with integrated control (M4/7) operates with AC switched on and in the reheat mode for basic ventilation with a capacity of up to 20 %.

The basic ventilation can be switched off under the following conditions:

- At an outside temperature of ≤ 15 °C.
The pressure-dependent fan speed remains the same.
- At a driving speed of > 75 km/h.
The pressure-dependent fan speed remains the same.

An overrun time of 60 s can be set in order to ensure that the engine and AC electric suction fan with integrated control (M4/7) will continue to operate even where the refrigerant compressor is temporarily switched off by the icing protection.

The engine and AC electric suction fan with integrated control (M4/7) has a power rating of 850 W.