

GF83.40-P-2115-01GI	Auxiliary fan, function	MODEL 163 as of 1.9.01 with ENGINE 112.942 /970	 GF
---------------------	-------------------------	--	--

Function

Depending on the refrigerant pressure and/or the coolant temperature the left auxiliary fan (M4m1) and the right auxiliary fan (M4m2) are actuated.

The all-activity module (AAM) (N10) receives the coolant temperature by the coolant temperature sensor(B11/4) and the refrigerant pressure by the refrigerant pressure and temperature sensor (B12/2).

The all-activity module (AAM) (N10) compares this input information with stored values and actuates the left auxiliary fan (M4m1) and the right auxiliary fan (M4m2).

When the following values are indicated the left auxiliary fan (M4m1), right auxiliary fan (M4m2) are switched on or off:

- refrigerant pressure > 16 bar = auxiliary fan **ON** = 232 psi
- refrigerant pressure < 13 bar = auxiliary fan **OFF**= 188 psi

- coolant temperature > 105 °C = auxiliary fan **ON** =221F
- coolant temperature < 97 °C = auxiliary fan **OFF**=206F