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Electric fan

The DDE control unit activates the electric fan by means of a square-wave signal with duty factors (= variable pulse width) between 5 and 90 % and thus controls variable speeds of the electric fan. The electric fan features its own positive and ground supply.

Troubleshooting

Faults in the control of the electric fan and on the fan itself are monitored. The following faults can be stored:

- 41F0, Activation short circuit to positive
- 41F1, Activation short circuit to earth
- 41F2, Activation circuit break
- 41F3, Excess temperature output stage
- 4B22, Electric fan blocked

Consequence: Electric fan not functioning, engine temperature rises

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