

Replace the defect TAC84 module

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
IN THE +AN1 CABINET:

Vibration sensor and Speed Sensor signals Connected to TAC84

Check the TAC84 module parameters as per instruction

Settings for TAC 84 Edgewise blade vibrations

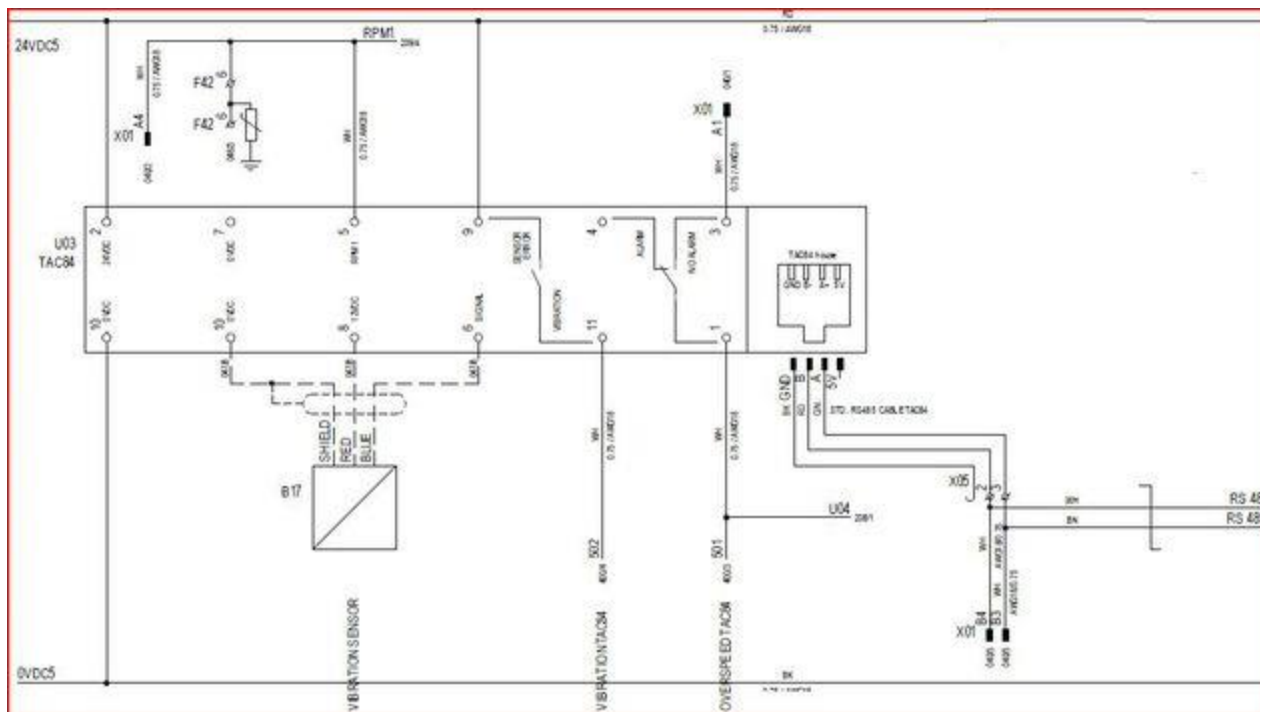
DMS: [17000068](#)

Also refer TAC84 User manual.

DMS: [4002534](#)



Check the TAC84 module for any loose connections:

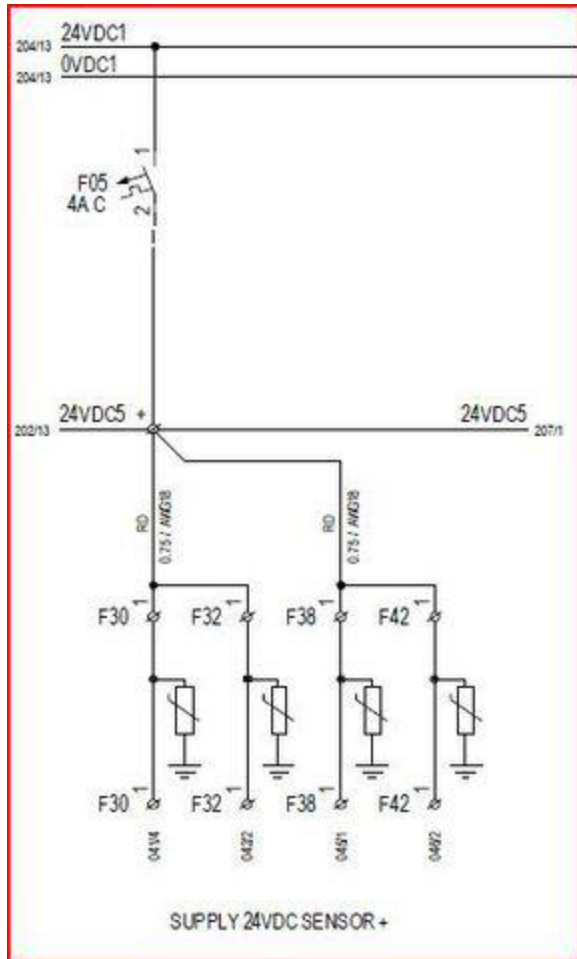




Part Number for TAC84 module (2 Filter)

51701001 -TAC 84C VIB GUARD 2 FILTERS

Check the 24VDC5 circuit including power supplies G05 & G06 and F05 circuit breaker in the AN1.



Part Number for Powernet:

188453 - PS ADC 5483R-3 10A-27,4 NM PIN

CIM case: [1390](#)

Replace the defect speed sensor

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
IN THE GENERATOR:

Check the generator speed sensor for any physical damage or dirt.

Check the speed measuring value through TAC84 Module

If found to be defective replace the sensor.

Sensor part number:

60009270 - PROXI SWITCH I1808PPOS1531 Ø18



Adjust the distance between the Inductive sensor and the scanning points as per Instalation and service data DMS : [5003033](#)

Replace the vibration sensor

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

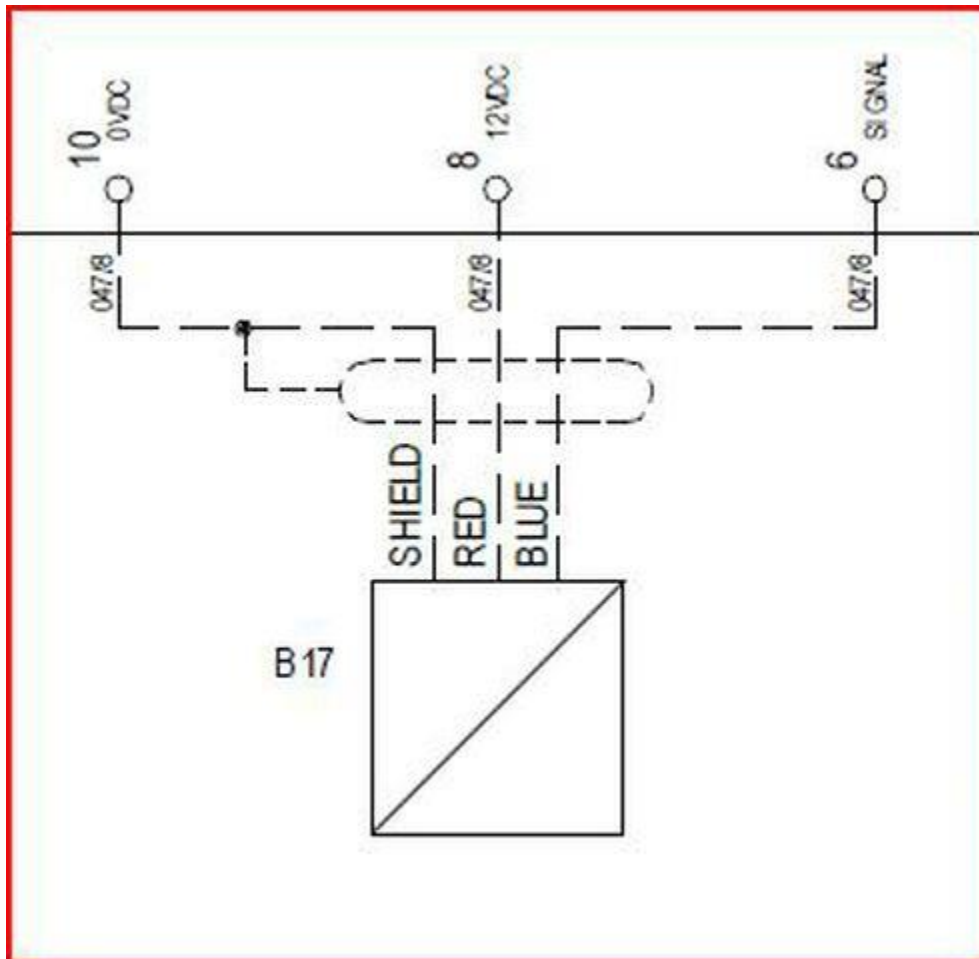
- **Explanation**
IN THE NACELLE:

Check that the vibration is being measured properly through the TAC84 module.

Replace the vibration sensor if found to be defective.

Part Number for Vibration sensor:

51712401 VS05E ACCELEROMETER 6.5M







Replace the defect feeder pump or motor

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

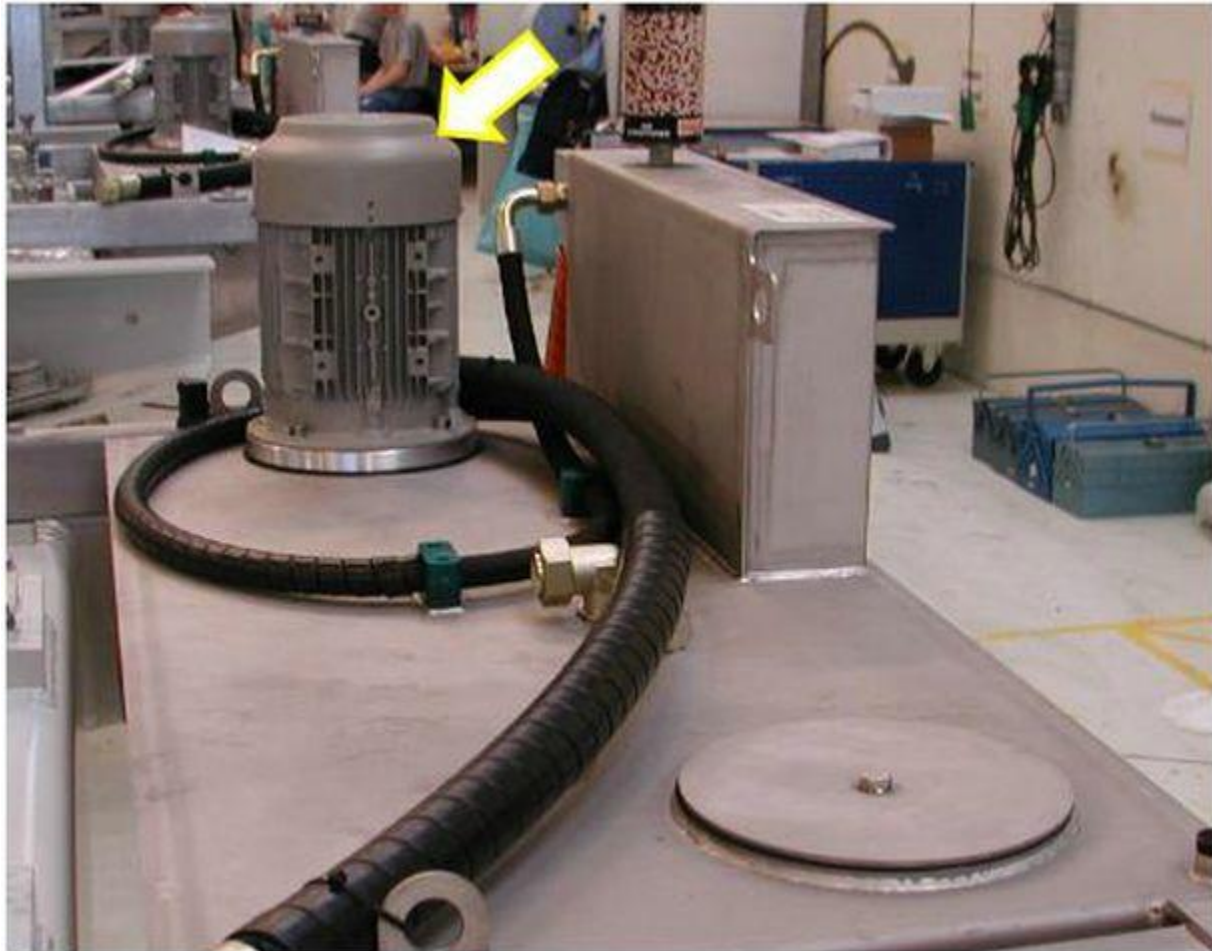
- **Explanation**
IN THE NACELLE:

Check the feeder pump and motor if any vibration due to bearing failure,
If found defect, replace the motor or pump.

Part number for Motor & Pump

60073425 MOTOR EI. 4AP112M-6S-B5-4/6 2.

60073428 GEAR WHEEL PUMP 52CCM 3SPA-52D



CIM case: [2067](#)

Replace the defect cooling fan

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

• **Explanation**

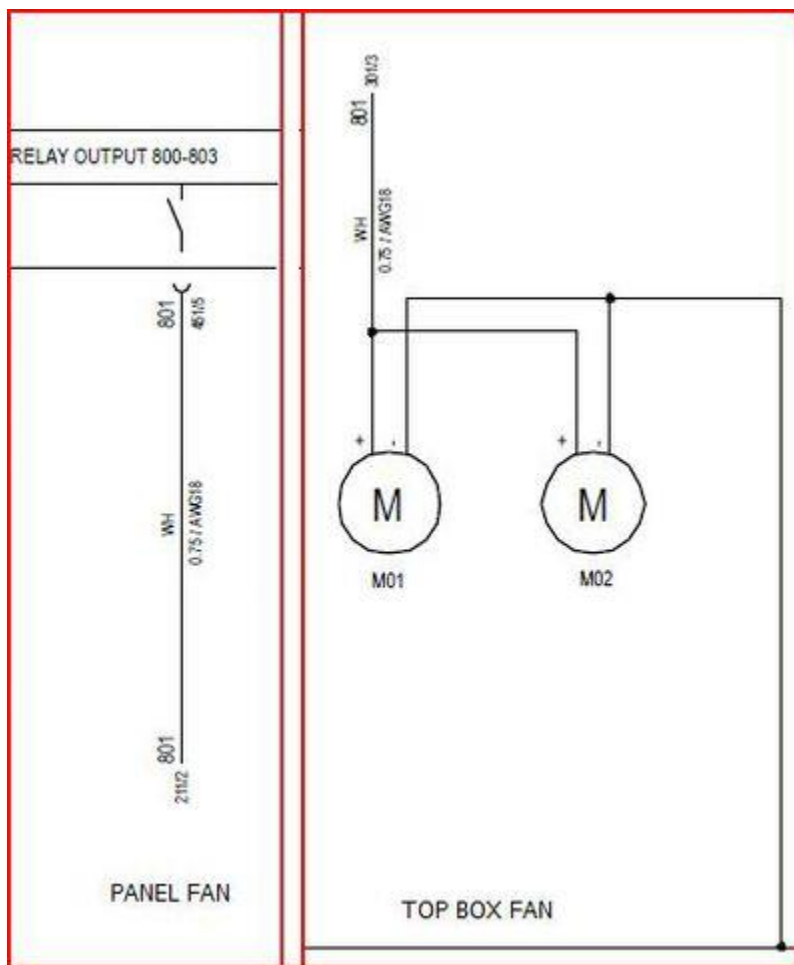
IN THE +AN1 CABINET:

Check that both cooling fans in the AN1 Top Box are operational. High cabinet temperatures may cause a malfunction in the relay inside the TAC84 module.

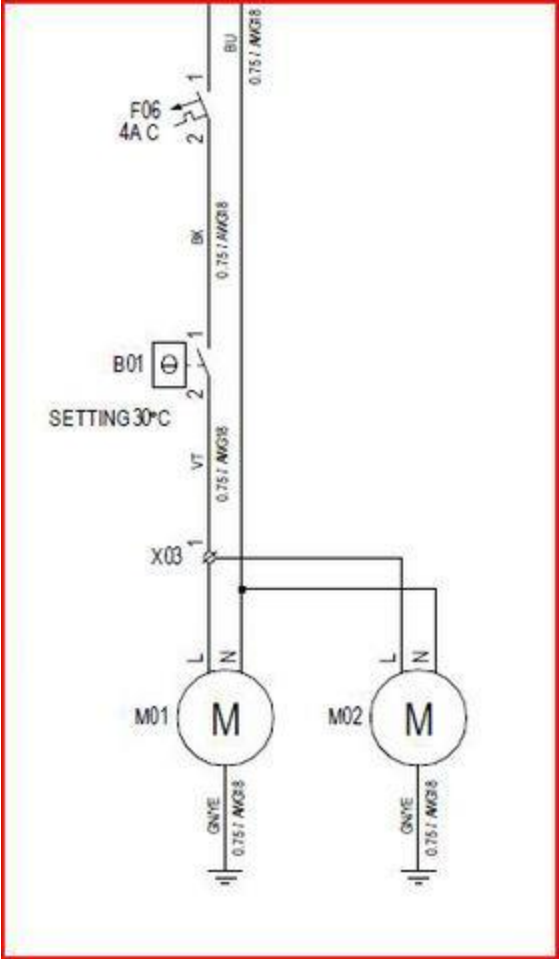
Replace the cooling fans if they are found to be defective.

Check the Heater setting and ensures the set value @30 deg C (Mk3 and above)

MK1 and MK2: (24V DC)



MK3 and Above (230V)





Part Number for top box cooling fan:

60108632 - FAN 55M3/H 230V (MK3 and above)

60014631 - FAN 55M3/H 24VDC (MK1 &MK2)