

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

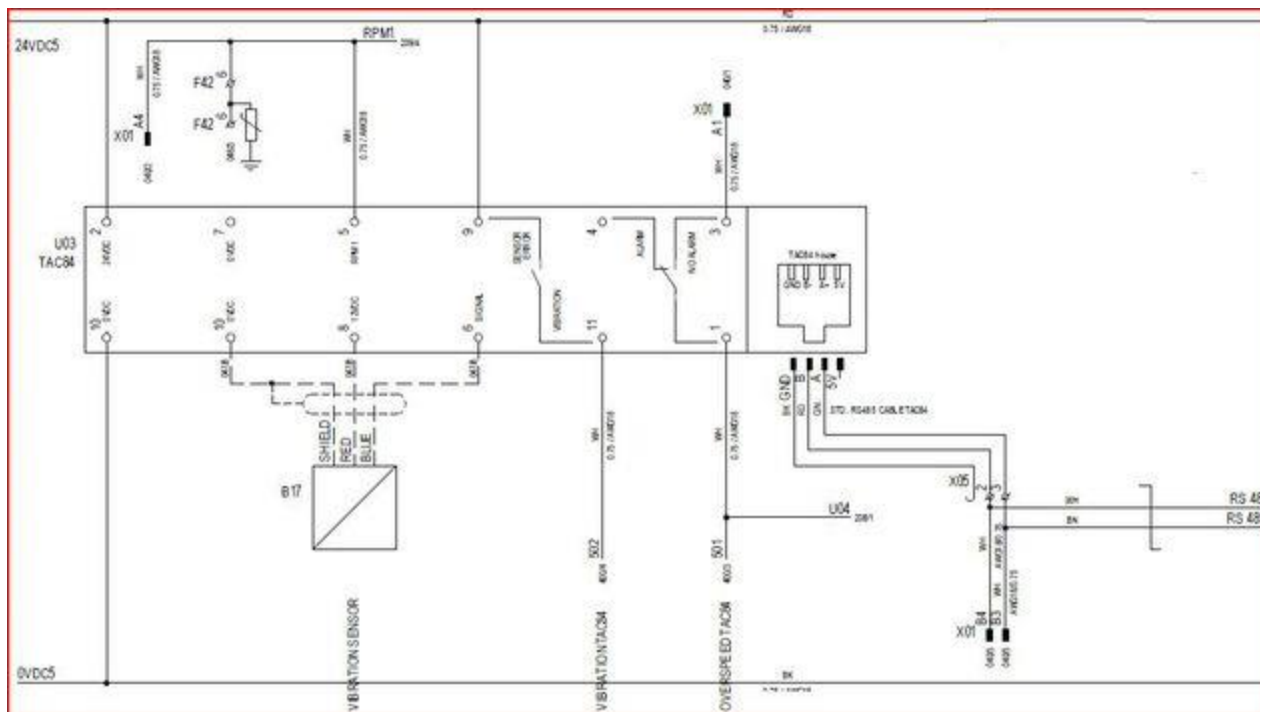
Check the TAC84 module parameters as per instruction

Settings for TAC 84 Edgewise blade vibrations & also refer TAC84 User manual.

Relevant documentation	
Description	DMS No.
TAC 84 Edgewise blade vibrations guard settings	17000068
TAC 84 Dual Band Pass Filter – User's manual	4002534



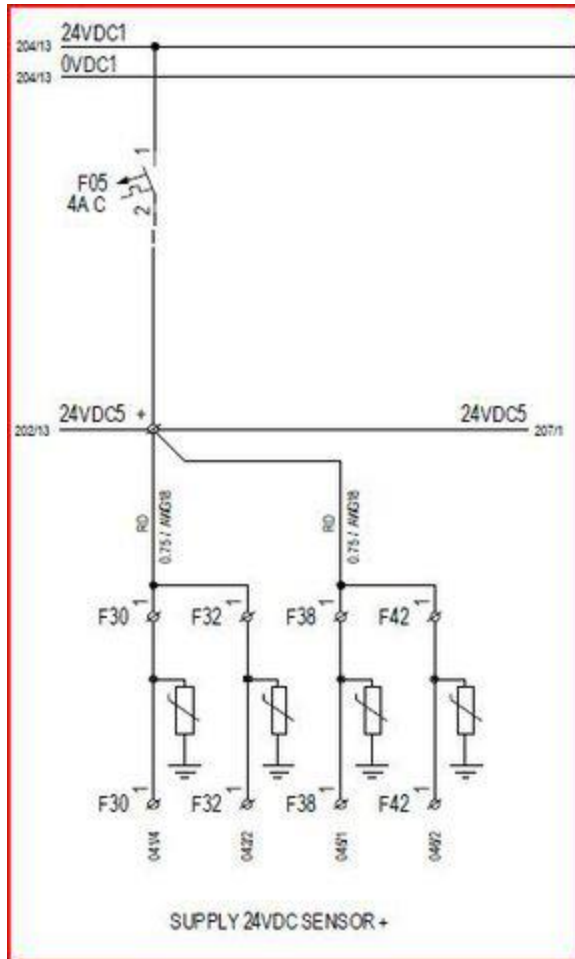
Check the TAC84 module for any loose connections:





Relevant spare parts	
Description	Item No.
TAC 84C VIB GUARD 2 FILTERS	51701001

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



Relevant spare parts

Description	Item No.
PS ADC 5483R-3 10A-27,4 NM PIN	188453

Relevant CIM case

CIM case	Description	SWI
1390	Controller - NM82/72 - 1650kW - Power Supply - Poor performance	

Replace the defect sensor

Does this solve the problem?

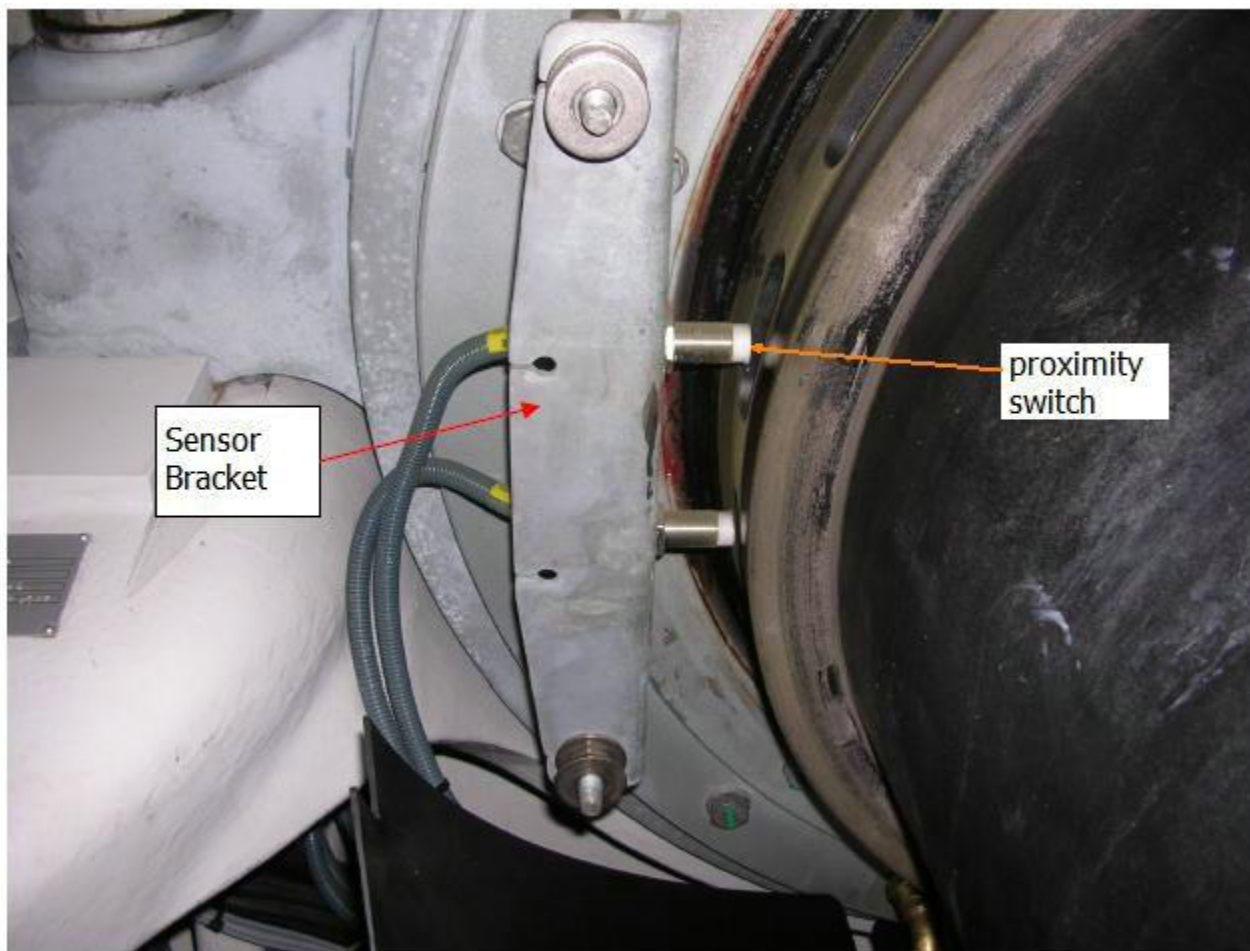
1] Yes

2] No

3] I don't know

- **Explanation**
IN THE NACELLE:

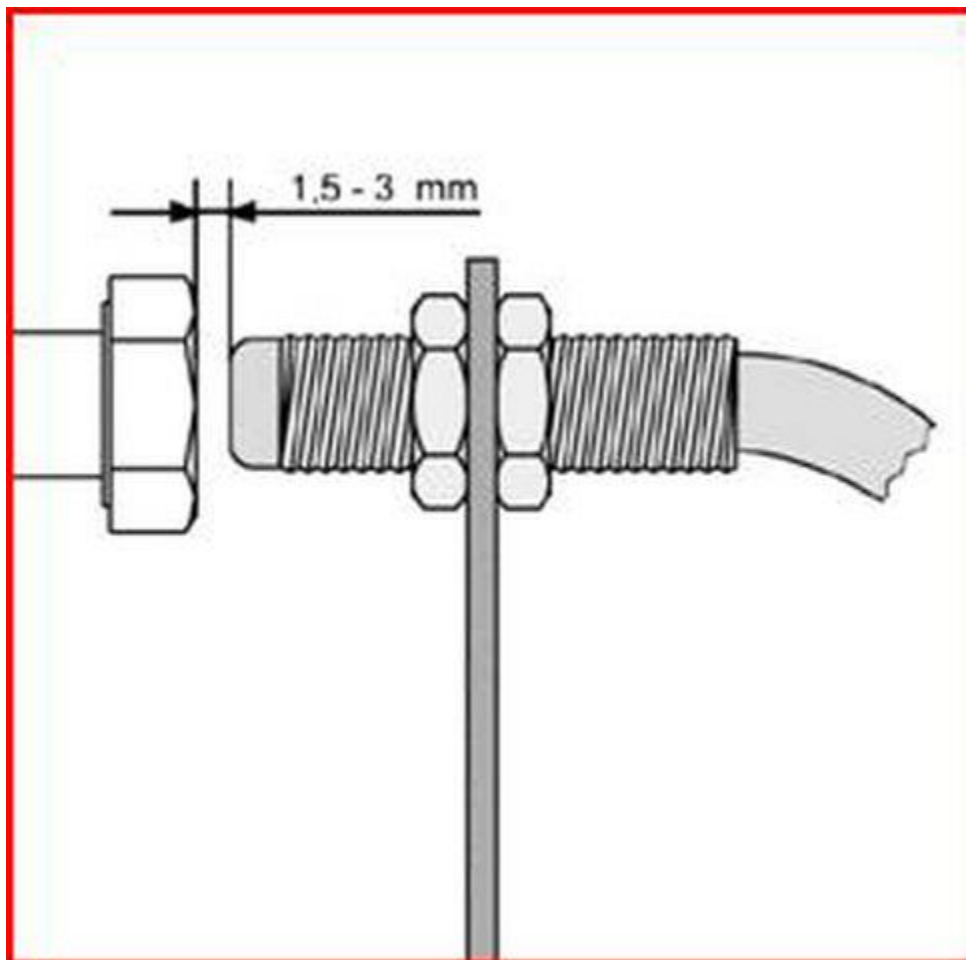
Remove the outer FRP cover from the main bearing housing.



Check that the sensors are secure in the mounting bracket and are adjusted correctly,

Adjust the distance between the Inductive sensor and the scanning points as per Instalation & Service Data document 5003033

Relevant documentation	
Description	DMS No.
Installation and Service Data – V82	5003033



Using a screwdriver, pass the metal portion past the inductive sensors. The sensors should light up at the moment the screwdriver is passed over them.

If they do not, ensure that the sensors are free of dirt and oil/grease. Retry passing the screwdriver over the sensors at varying distances.

If only one of the sensors emits a light, the other is likely faulty or has a faulty cable.

Relevant spare parts	
Description	Item No.
PROXI SWITCH I1808PPOS1531 Ø18 – Unshielded	60009270

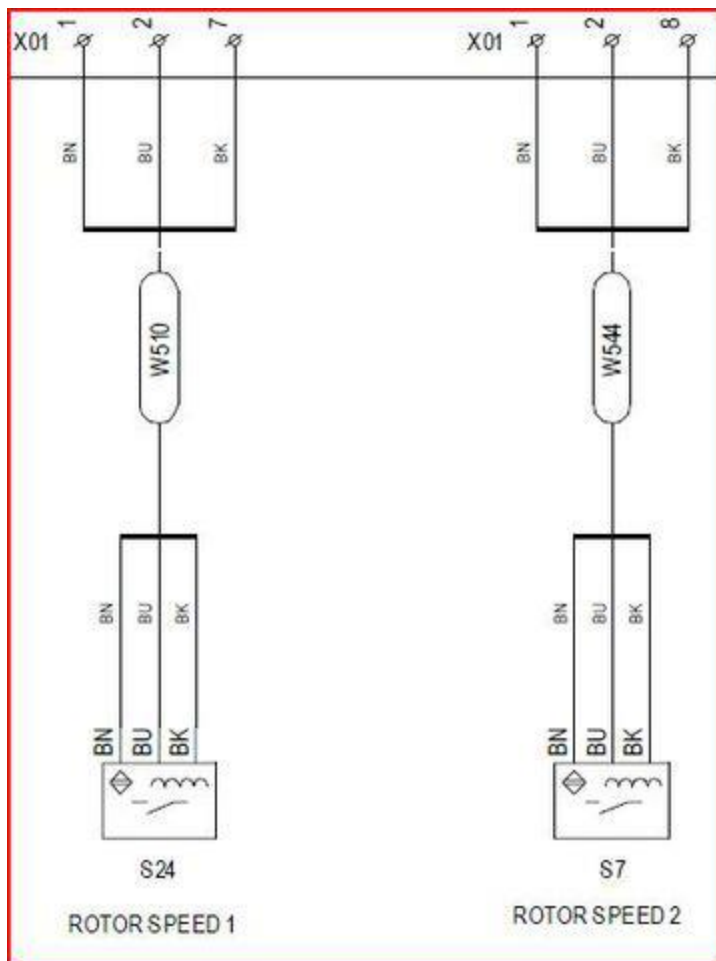


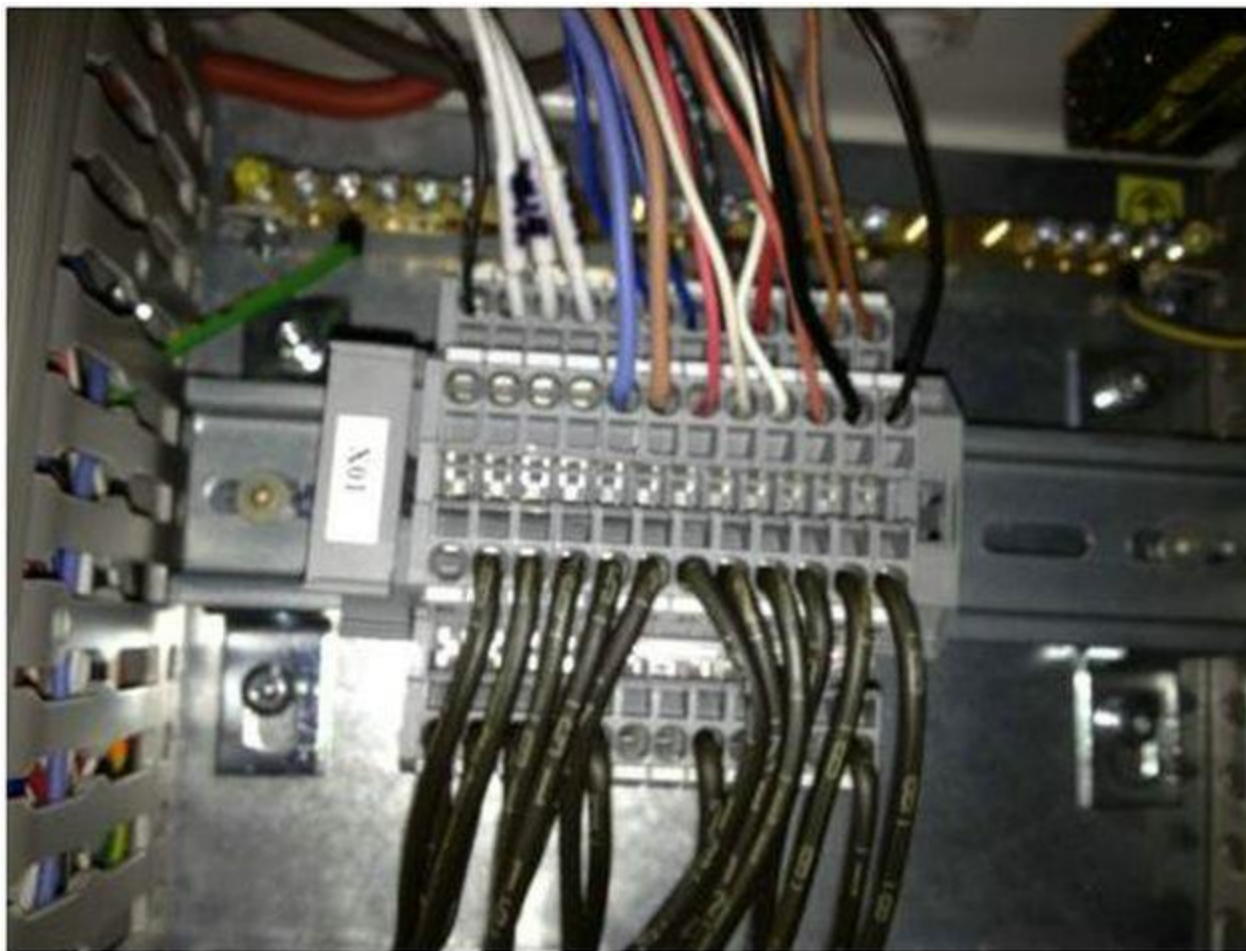
Relevant spare parts	
Description	Item No.
PROXI 1A18DLF05PO Ø18 - Shielded	60009264
PROXI S 1A18DLF05PO Ø18 - Shielded	60009263



IN THE +AN11 CABINET:

Check the sensor wiring connections

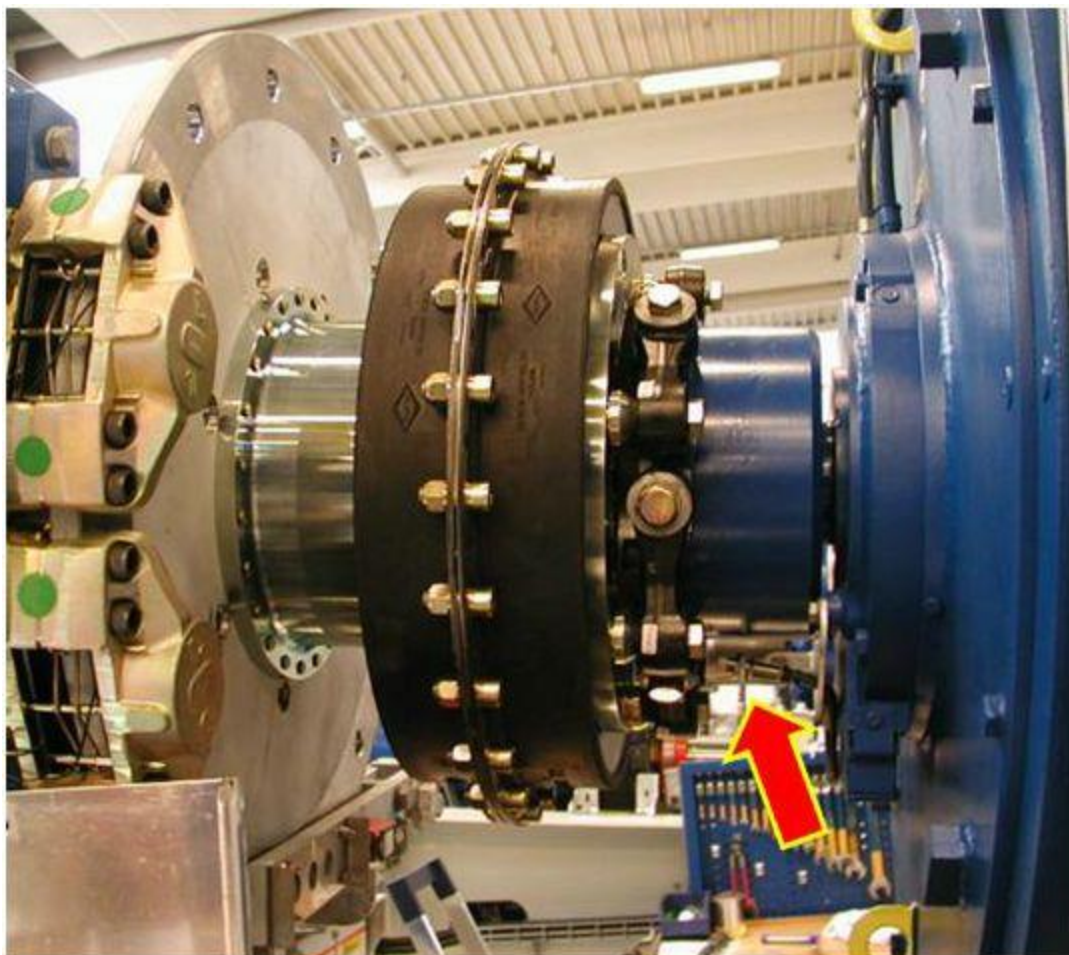




IN THE GENERATOR:

Check the Generator RPM sensor if any physical damage or dirt,

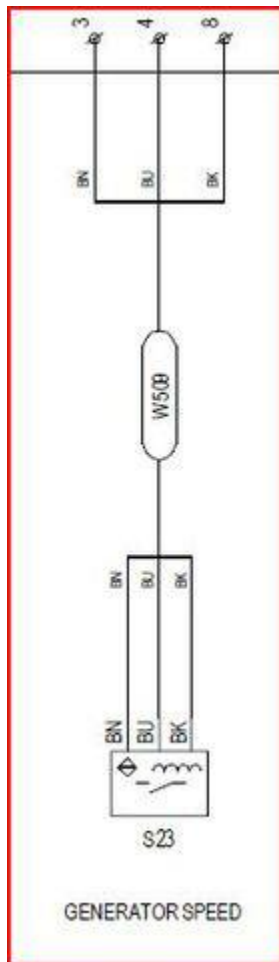
Relevant spare parts	
Description	Item No.
PROXI SWITCH I1808PPOS1531 Ø18	60009270



Adjust the distance between the Inductive sensor and the scanning points as per Instalation and service data document 5003033

Relevant documentation	
Description	DMS No.
Installation and Service Data – V82	5003033

If defect replace the new sensor



Check gear box as per WKI

Does this solve the problem?

1] Yes

2] No

3] I don't know

- Explanation**

Inspect the gear box for any abnormalities as per Work instruction.

Relevant documentation

Description	DMS No.
Service Instruction Gearbox	1001058

Replace the defect TAC-II or defect TOI

Does this solve the problem?

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

- **Explanation**

Check wiring connection and controller If found TAC II or Nacelle TOI failure replace with new one.

Remember to download and restore stored data as per procedure when replacing the TAC-II and Check for software version in new TAC-II computer.

Relevant spare parts	
Description	Item No.
TAC-II/F NEGM NM1500C/72/82	51707301
TOI-II INTERF EXT POC	51701601

Replace defective generator bearing

Does this solve the problem?

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

- **Explanation**

Check the generator bearing if any abnormal sound

If necessary replace the new bearing

Relevant documentation	
Description	DMS No.
Elin Generator Bearing Replacement	0000-9630

Check and replace or use the Spare core

Does this solve the problem?

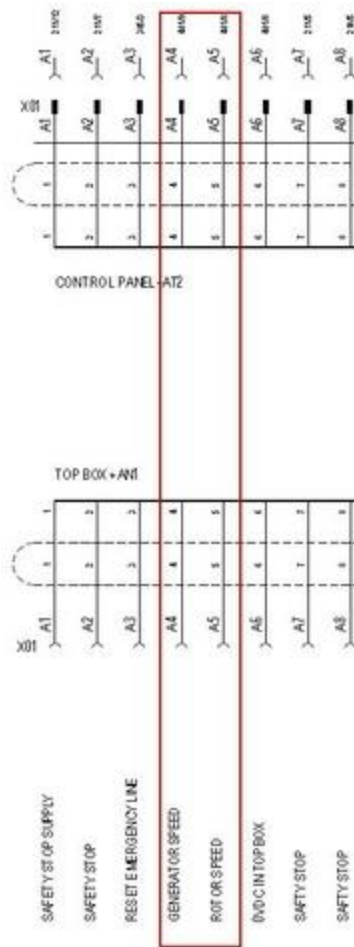
1] Yes

2] No

3] I don't know

- **Explanation**

Check the continuity of A4 & A5 cores in cable W500 and replace with spare core, if no continuity



Relevant spare parts	
Description	Item No.
Cable -W500 93m IEC	60111780

Replace the defect rubber couplings

Does this solve the problem?

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

- **Explanation**

Check the rubber coupling (CENTALINK) and link elements for any visual damage or cracks.

If necessary replace the new coupling or link elements,

Relevant spare parts	
Description	Item No.
COUPLING CENTALINK NM82-1500/1	60100182

Relevant documentation	
Description	DMS No.
Replacement of Coupling	0012-0270