

Replace the defective batteries

Does this solve the problem?

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

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

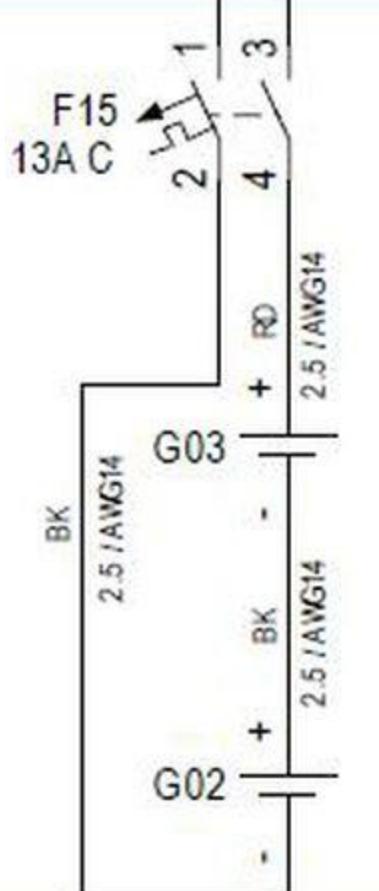
Visually inspect the batteries, look for bulging sides, leaking or corroded terminals. Check the voltage displayed on the charger. If the voltage is low, and the charging circuit has been verified, the batteries are likely failing and should be replaced. If the batteries are operational, yet have corrosion on the terminals, clean the terminals and apply dielectric grease to prevent further corrosion.

If defective, replace the batteries (G02, G03).

Check for any loose terminal connections. Repair as necessary.

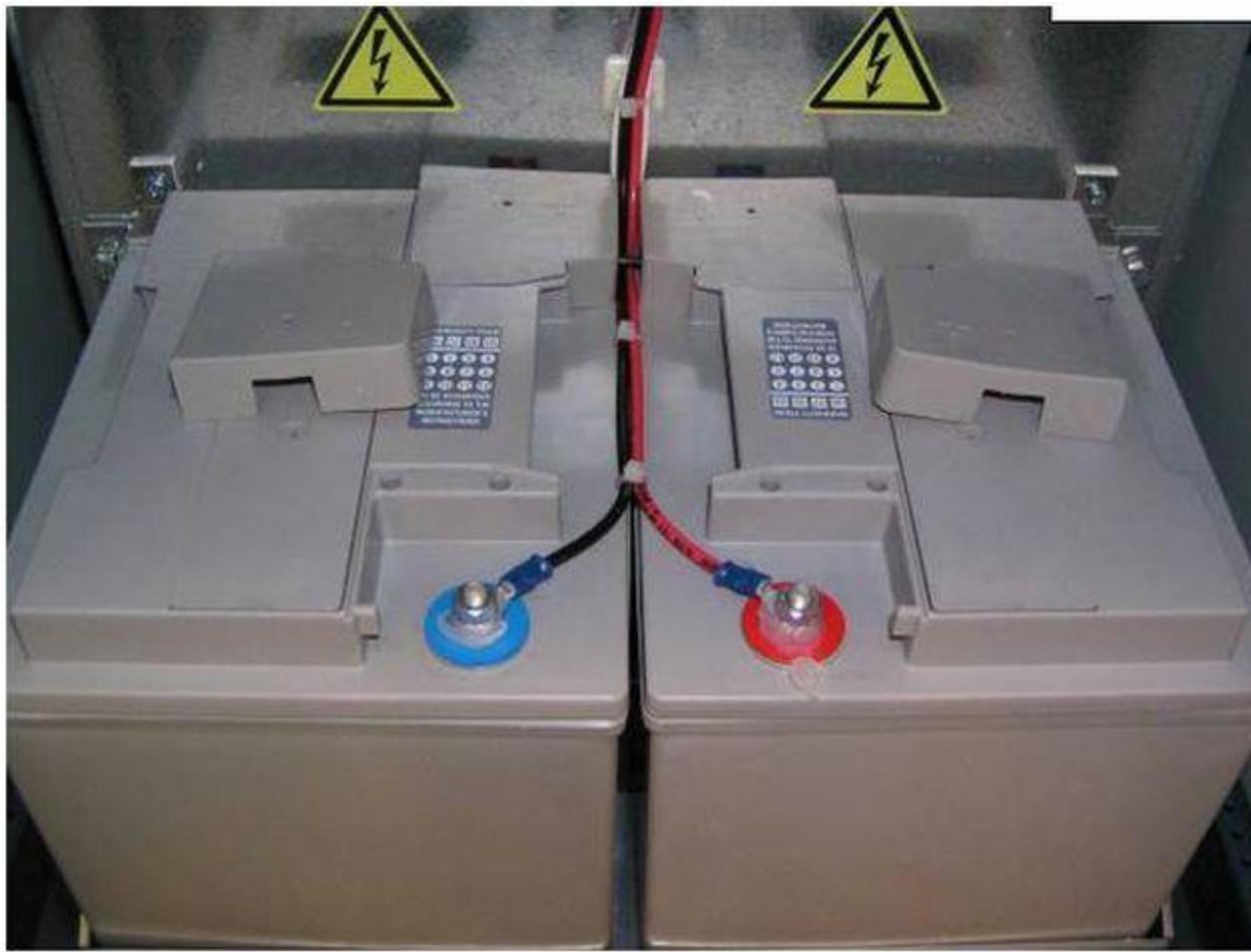
Part number for 12V battery:

60000711 - BAT H4 12V 32Ah





Cleaned terminals with dielectric grease applied:



Replace the defect solenoid valves

Does this solve the problem?

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

- **Explanation**
IN THE NACELLE:

Parker system:

Check the solenoid valve **POS 0.20(NO), 0.21(NC)**

Replace the solenoid valve if found to be defective.

Item number for solenoid valve:

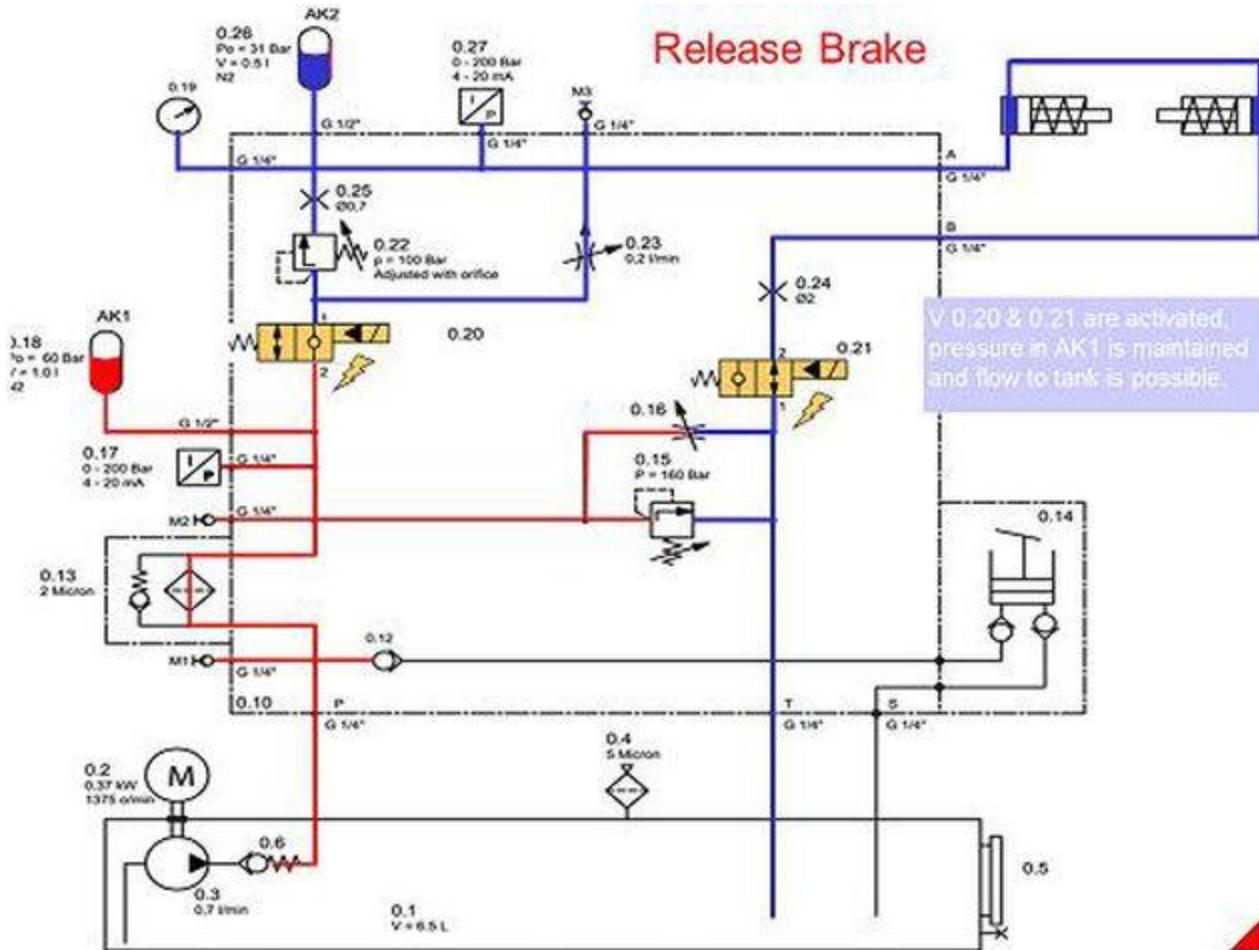
60104031 DIRECT VALVE N.C. 2/2 DSL-08-1

60104034 VLV DIRECT NO 2/2 DSL-08-1-CR

Item number for coil:

60065454 -COIL F/GS02 CCP024 D 24VDC W/C





Replace the defective cable

Does this solve the problem?

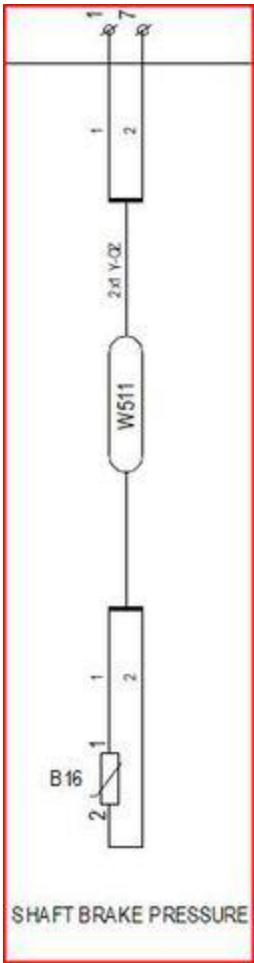
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**
IN THE NACELLE:

Check for any loose connections on all valve cables terminations.

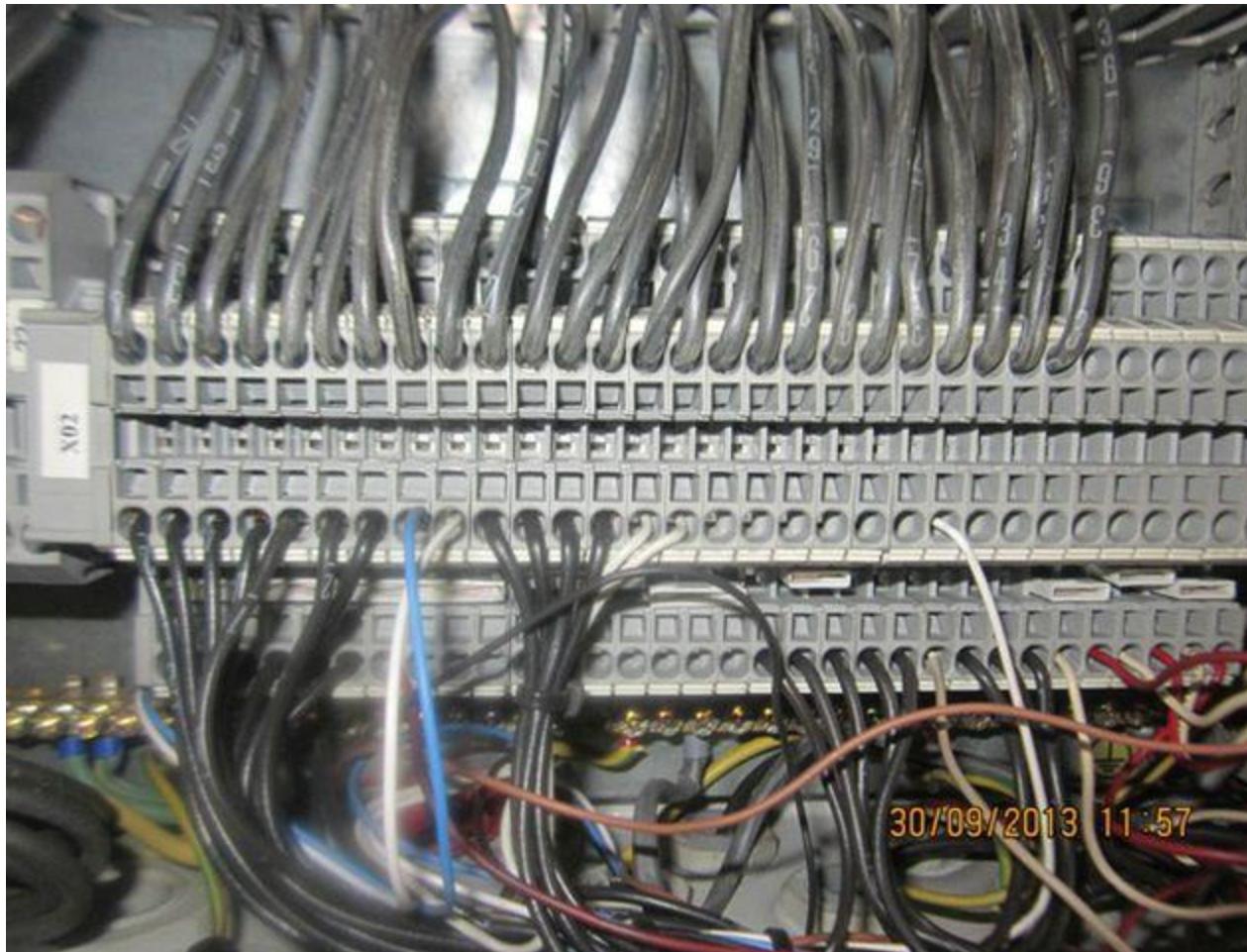
Check the pressure transmitter cable (W511) connections and continuity.





IN THE AN12 CABINET:

Verify proper terminations at X02- 07.



Replace the defective TOI

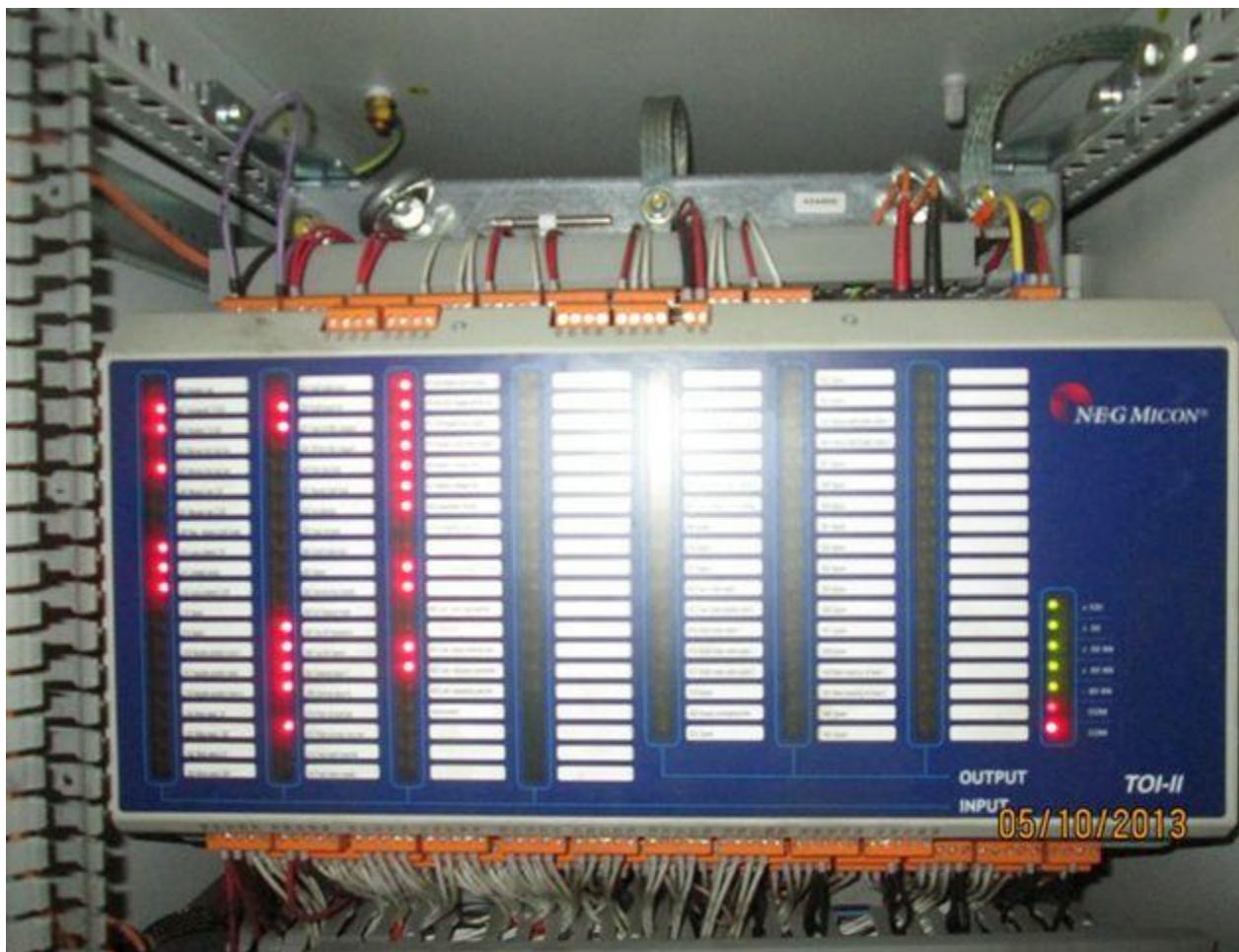
Does this solve the problem?

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

- **Explanation**
IN THE AN1 CABINET:

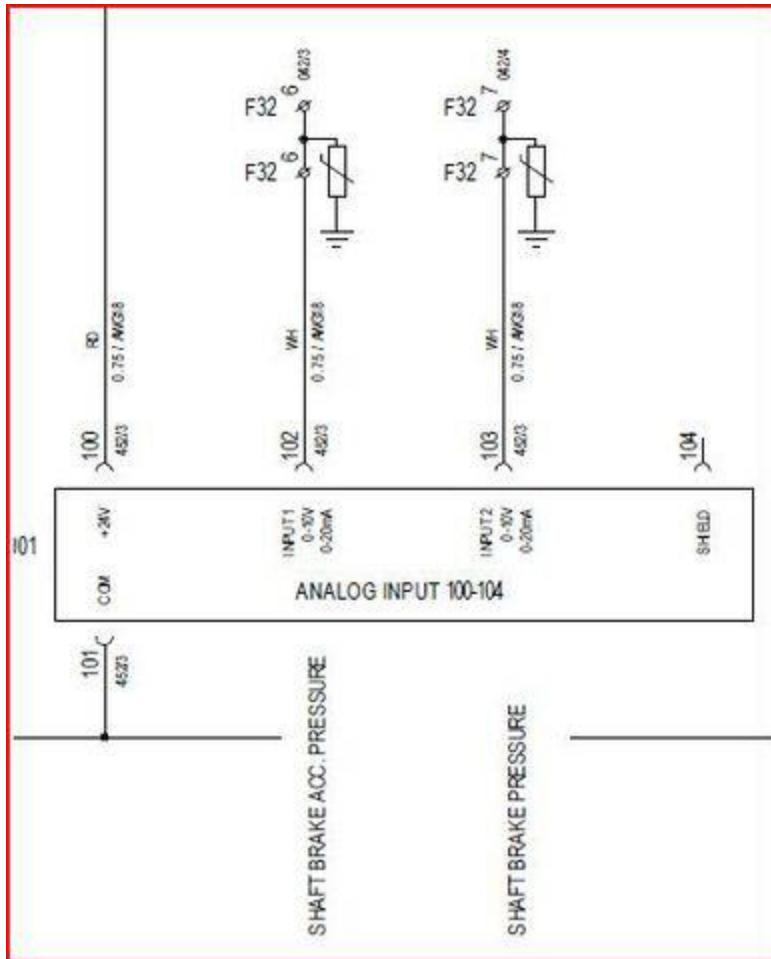
Once the pressure transmitter has been verified operational, check the pressure value through the TAC-II controller. If it does not match the value taken from the manometer within ~2 bar, replace the TOI.

Item Number: 51701601 - TOI-II INTERF EXT POC



Varistor box F32:

Check the connections at the varistor box.



Part number for Varistor:

51706201 VARISTOR BOX X8

Press the clips on top and bottom of varistor box and remove varistor assembly from the housing:



The varistor box is made up of eight varistors and has provisions for 16 wire connections (protection for 8 signals).

Replace the defective pressure transmitter

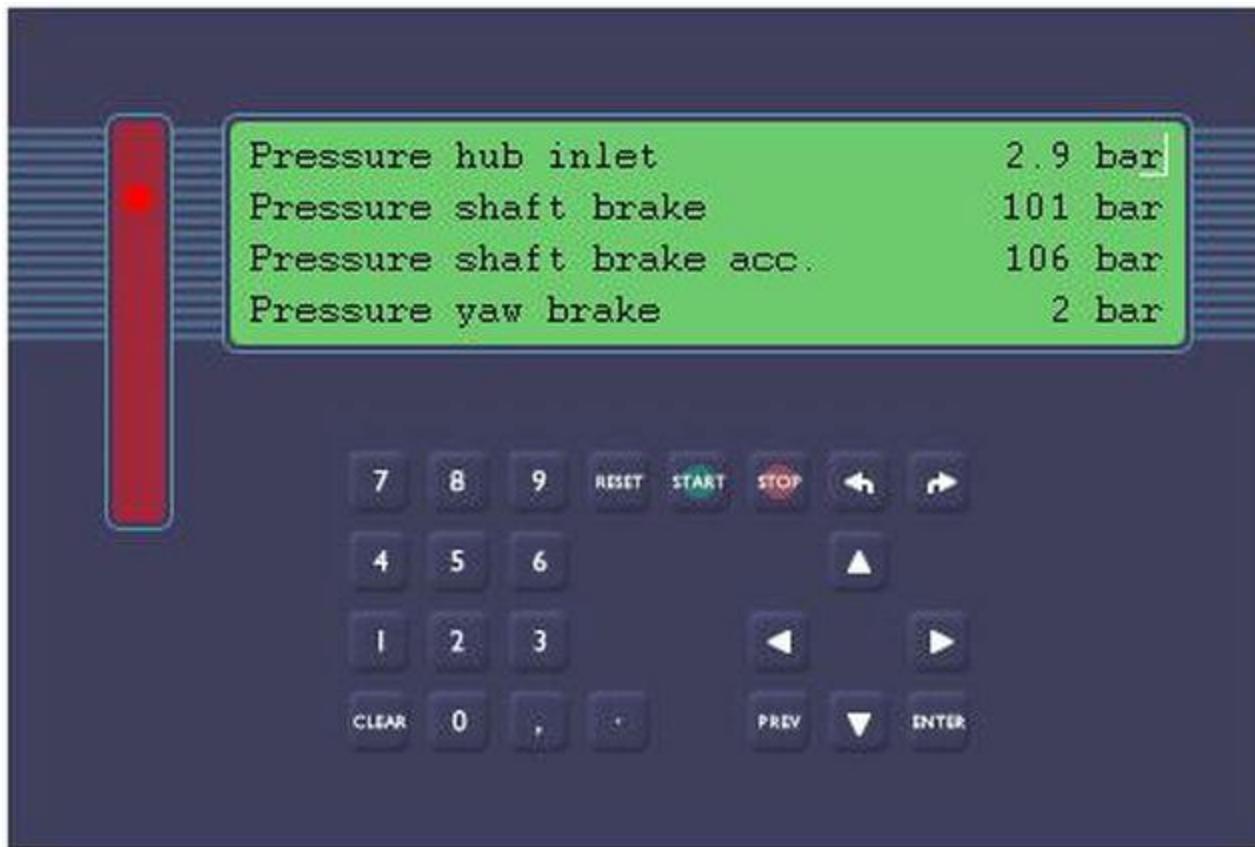
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- **Explanation**

Check the pressure value through the TAC -II controller.

Status → Pressure → Pressure shaft brake

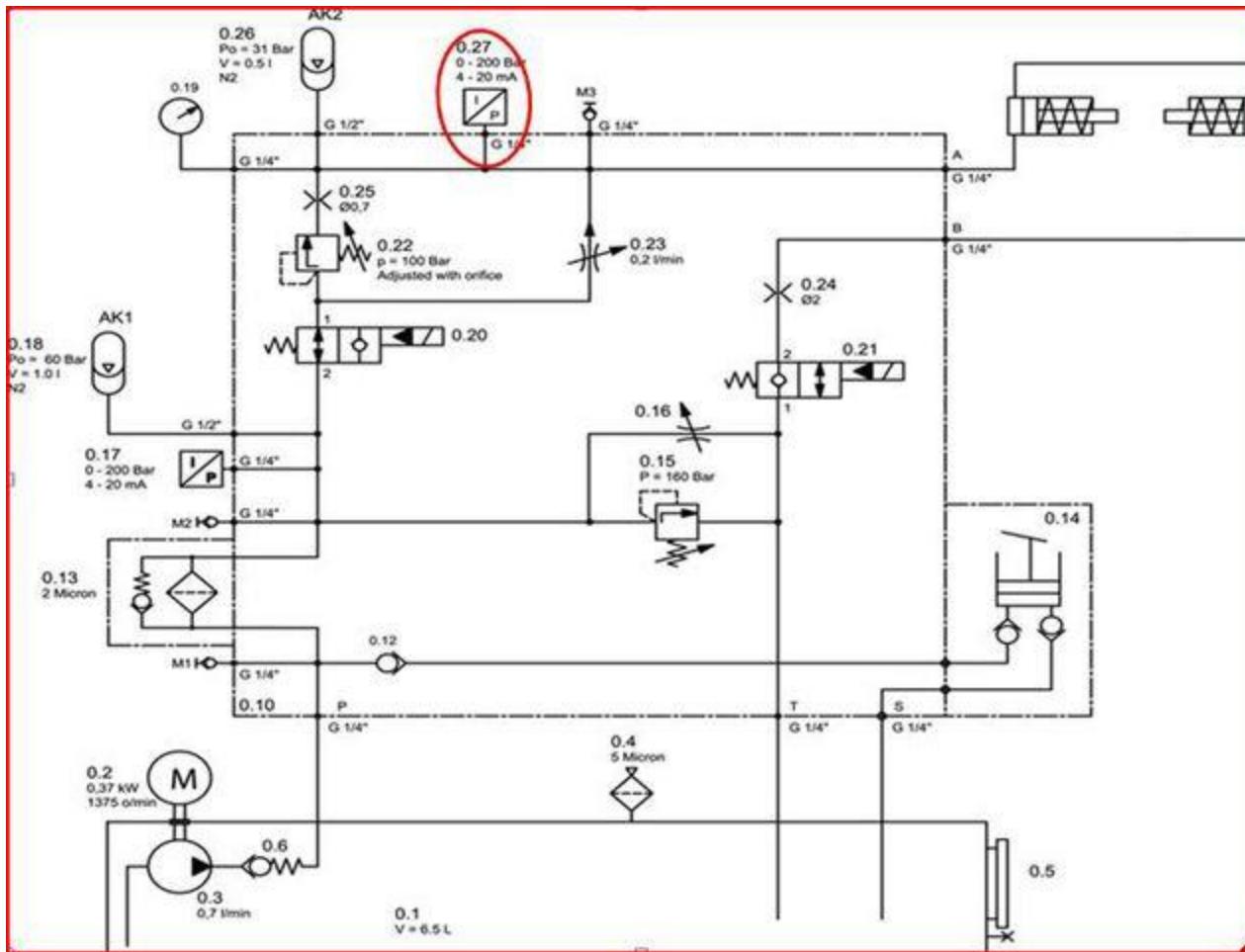


If the displayed pressure shows as a negative value the pressure transmitter is defective and has to be replaced.

With the pump running, install a manometer at test port M3, measure the pump output pressure. If the actual pressure does not match that on the TAC read out either the pressure transducer or TOI is defective.

Item number for pressure transmitter

60104065 - PR TRANSDUCER SCP-200-34-06



Pressure transmitter position



