Replace the Pt100 sensor

Does this solve the problem?

1] Yes

2] No

3] I don't know

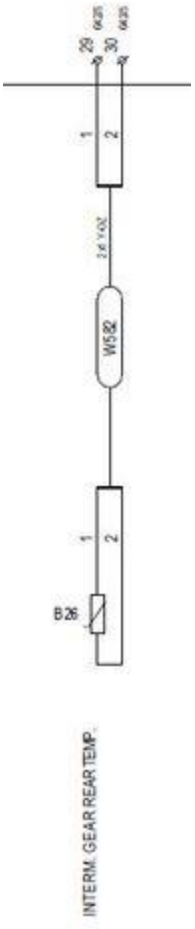
- **Explanation**

Check the Pt100 temperature sensor. Use the temperature/resistance chart to verify your readings.

If the temp is -40°C, there is likely a short in the circuit.

If the temp is 200°C, there is likely an open in the circuit.

Perform a pull test on the wires to ensure any opens are not due to loose connections.



Pt100 resistance/temp chart Doc: 0039-6203

AN1 wiring diagram Doc: 0003-2029

AN12 wiring diagram Doc: /D6015816

PT100 SENSOR,TOP PSC 1030 JAKE Part: 60066565

Test/Replace Varistor Box

Does this solve the problem?

1] Yes

2] No

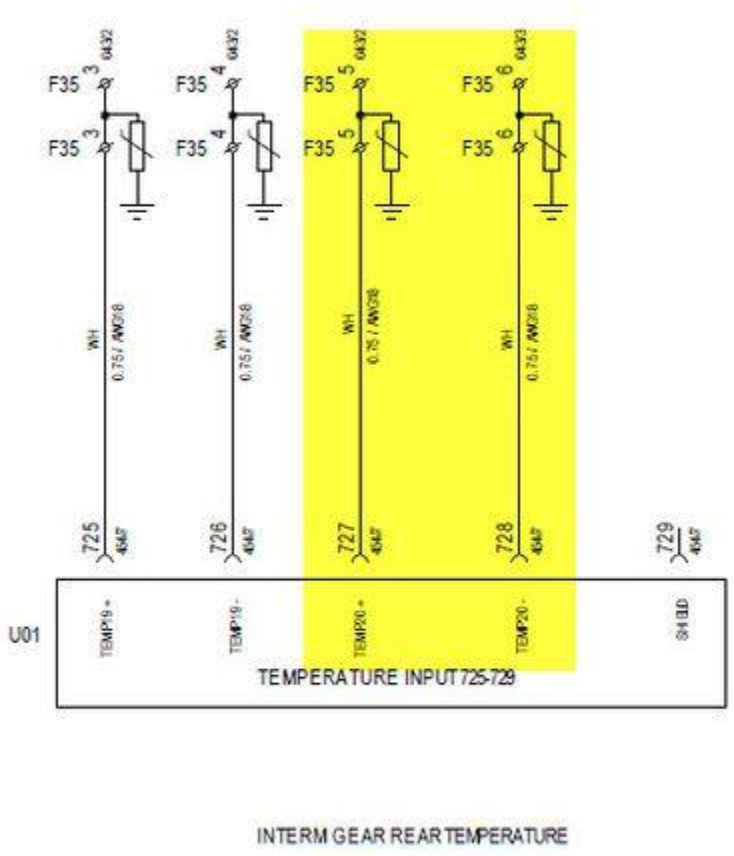
3] I don't know

- **Explanation**

Check the continuity to earth from the F35 terminals 5 and 6 (verify test pints with wiring diagram specific to turbine

Mk).

If you the multi meter does not display “OL” there is a problem with the varistor and it should be replaced.



INTERM GEAR REAR TEMPERATURE

AN1 wiring diagram Doc: 0003-2029

F35 Varistor Part: 51706201

Replace the TOI

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

Measure the resistance of the B26 sensor from the AN1:U01 connections 727 and 728 (with wires disconnected).

If the temperature given by the controller doesn’t match your readings, then a faulty TOI could be the cause.

Pt100 resistance/temp chart Doc: 0039-6203

AN1 wiring diagram Doc: 0003-2029

AN12 wiring diagram Doc: /D6015816

TOI-II INTERF EXT Part: 51701601