

Perform the blade calibration

Does this solve the problem?

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

- **Explanation**

Determine if the blade is actually out of position or if the position is being measure incorrectly.

If the blade looks like it is fully in the stop position, but the angle reported by the controller is slightly off, you need to perform the blade calibration procedure from section 5.10.9 of the commissioning manual.

Commissioning instructions Doc: [0000-9925](#)

Check the cables

Does this solve the problem?

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

- **Explanation**

Check the pitch demand and blade position signals with the TAC 2 Data Logger tool on V.O.B.

Use a short sample time in order to get the resolution needed to troubleshoot.

If you see the position signal change in rapid way, the signal is most likely being interrupted by something; either a brake in the signal circuit or a problem with the hub communication circuit.

Perform a visual inspection of the pitch position sensor cable.

W924 Part: [60101148](#)

Check the pitch position sensor

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

Determine if the blade is actually out of position or if the position is being measure incorrectly.

If the blade is actually in the correct position, check the position sensor. Try to recalibrate the end stops before replacing the sensor.

If the blade calibration procedure fails, try replacing the Balluff sensor internal chip with the BTL5 Service Module.

Spare parts:	
TRANSDUCER BTL5-E10-M0950-A-S	60098816
SERVICEMODUL, BTL5 - E10	60102394