



RPM Display Retrofit Instructions

1. Replace existing Safety Collar with the new one provided. See photo 1.

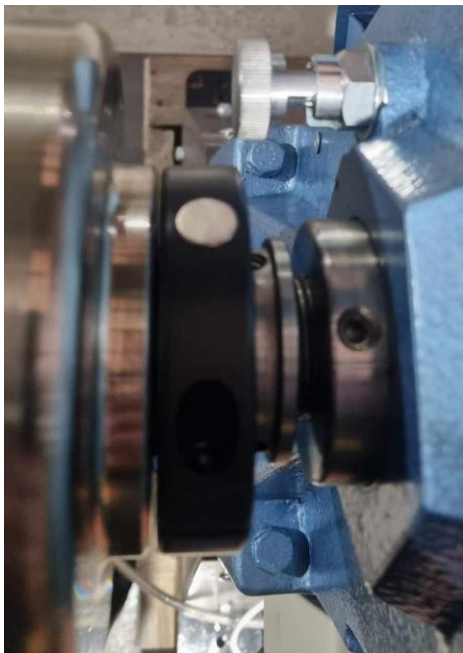


Photo 1



Photo 2

2. Hold Sensor Bracket in position and mark and drill holes. You need a gap of about 2 - 4 mm from the Sensor to Magnet. See photo 2.
3. Screw the Sensor Bracket in position with provided hardware.
4. **IMPORTANT:** For the steps below and Electrician may be required as there is high voltage inside the Inverter Box.
5. Make sure power is not connected to the lathe. Feed the 2 core cable through an existing gland on the Inverter Box if possible. See photo 3.
6. NOTE: Inverter access will depend on the model of the lathe.



Photo 3

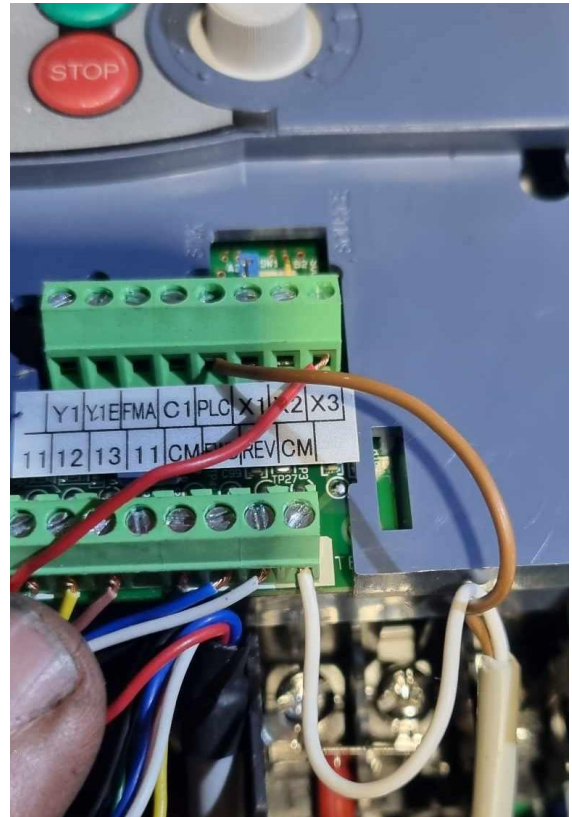


Photo 4

7. Connect the long white coloured 2 core cable to the inverter in the positions shown in photo 4 (white into the CM terminal and Brown into the PLC terminal).
8. Position the RPM display in desired position on the headstock (this can go anywhere as there is a magnet on the back). Undo the cable gland by hand and slide excess cable back into the box to keep as short as possible. Do the same with the 2 core cable to obtain your desired length and then retighten the cable gland by hand. See photo 5.
9. Before running the lathe make sure all cables are free from moving parts. You may need to add cable fasteners to ensure the cables are safely out the way.



Photo 5