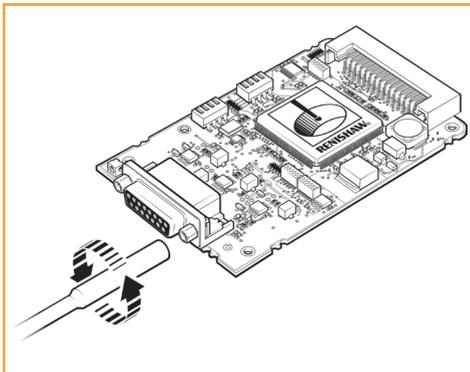**RENISHAW®**
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RPI20 / VME installation guide

The design of Renishaw's RPI20 parallel interface allows it to be used as either a stand-alone unit, or via a specially designed host board, integrated into a VME based rack. Each host board is capable of housing up to two RPI20 interface boards
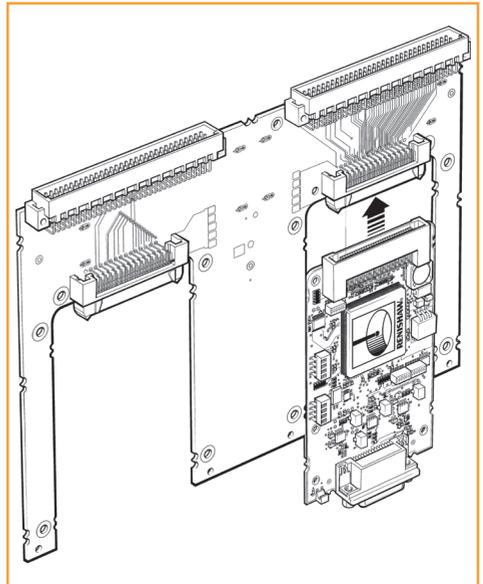
This installation guide identifies the steps necessary to install the RPI20 parallel interface into the VME host board.

For details of RPI20 configuration and the performance specification, see the *RPI20 parallel interface user manual* (Renishaw part no. M-9904-2254).

Note: anti-static precautions should be observed throughout this installation process.


Step 2: Locate the first RPI20 parallel interface board into host board.
Note: If configuring the host board for a single axis application, the RPI20 parallel interface board should be positioned as shown above. For dual axis applications, the blanking plate must be removed from the facia panel (identified overleaf) prior to inserting the second axis RPI20.
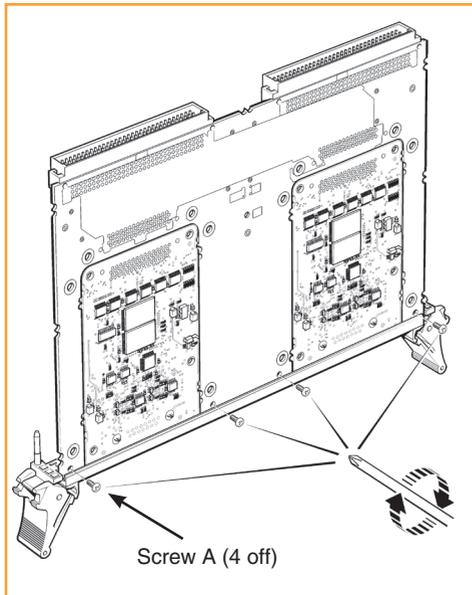

Step 1: Remove screw locks from the RPI20 D-type connector.

Screw locks (4 off)
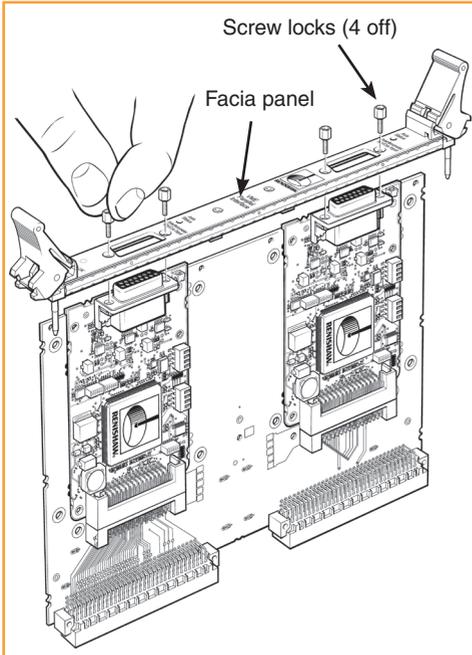
Facia panel

Step 3: Re-fit screw locks through facia panel, but do not fully tighten.

Screw B (2 off)
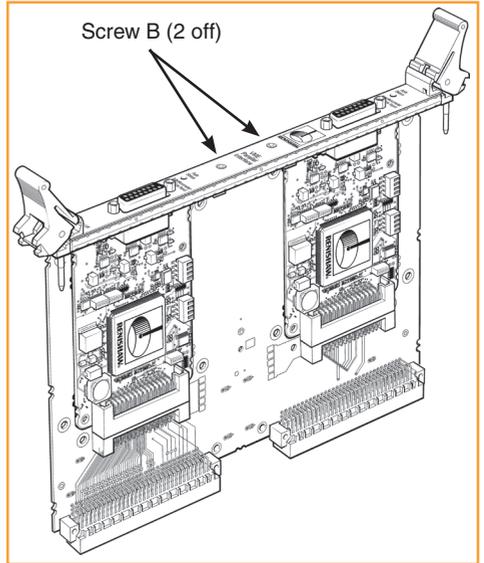
Step 5: Slacken screws B by 1/4 or 1/2 turn. Complete final tightening sequence:
1) Tighten 4 off screw A (identified in Step 4)
2) Tighten 2 off screw B (identified in Step 5)
3) Tighten screw locks (identified in Step 3)

Full details of the RPI20 parallel interface can be found in data sheet L-9904-2352. For a copy visit www.renishaw.com or contact your local Renishaw office.

Screw A (4 off)

Step 4: Fit 4 off screws but do not fully tighten.

For worldwide contact details, please visit our main website at:
www.renishaw.com/contact

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