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# Procedure for mounting/dismounting EC and PDMDB on the T-bar (comments are welcome).

## Mandatory general rules for production assemblies.

The mechanical installation protocol shall be as follows.

A correct mechanical mounting must be done in many steps.

- All the EC shall be installed first on the T-bar and let just a little loose.
- The 2 PDMDB shall then be inserted, helping insertion with the minimal movement the EC is allowed.
- The 2 PDMDB shall be screwed loose.
- The EC screws shall be tightened, while keeping an eye on avoiding possible stresses on the PDMDB.
- The PDMDB shall be pushed towards the EC, making sure all connectors mate the same amount, down to the end.
- The PDMDB screws shall be tightened just enough to avoid the PDMDB to bounce back.

NOTE: there is never need to tighten screws too much: screws just keep pieces in place; screws must not deform any PCB; if you hear any crack noise, you have already tightened too much.

-- AlessandroPetroli - 2017-10-29

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This topic: LHCb > RichTestBeamEcPdmdbMount

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