

This sheet describes installation of the FP1119/ME0553 4100ESi T-Gen2 Mounting Bracket in a 4100ESi PDI expansion bay.



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Kit Contents

This kit contains:

- 1 x FA2696, T-Gen2 Mounting Bracket,
- 1 x HW0026, 1 ¼" Plastic Grommet, fitted to FA2696,
- 2 x HW0209, 6mm Plastic PCB Stand-off (T-Gen60 mounting),
- 2 x HW0302, Plastic Clip-in Cable Tie Holder,
- 1 x LM0632, 350mm Power Loom,
- 4 x SC0172, M3 x 6 screws (T-Gen60 mounting),
- 4 x 6-32 UNC x 5/16" screws (Expansion Bay mounting),
- 1 x LT0669, these instructions.

Bracket Usage

The T-Gen2 Bracket can be used to mount a T-Gen 60 or a T-Gen 120 at either of two locations in a PDI expansion bay. The Power Loom provided is required for connection to the 4100ESi Bay Backplane. The bracket cannot be used in an 8U or 15U 4100ESi cabinet.

Bracket Mounting Options

Figure 1 shows the two possible 4100ESi T-Gen2 Bracket mounting locations in an expansion bay.

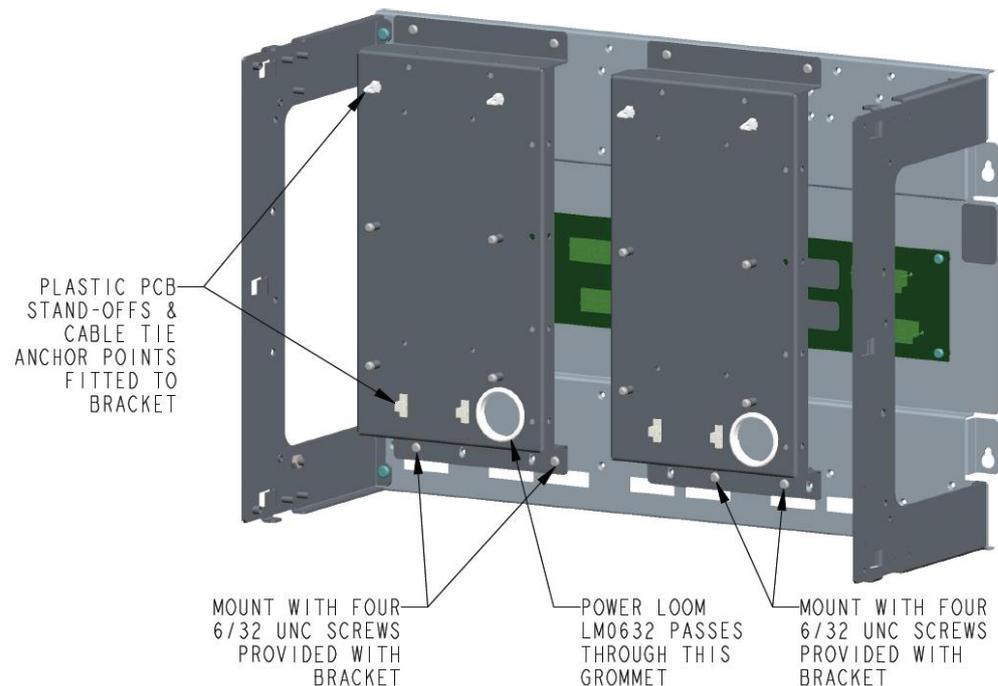


Figure 1 – Expansion Bay mounting locations

Order of Fitting

Fit the two plastic PCB stand-offs provided in the 6.35mm holes in the bracket from underneath. Fit the two plastic cable tie anchors provided in the 4.8mm holes in the bracket from the front. Before fitting the bracket, plug the power loom LM0632 into the bay backplane and pass through the large circular grommet. Mount the bracket to the bay using the four 6/32 UNC screws provided.

Mount the T-Gen 60 as per Figure 2 and the T-Gen 120 as per Figure 3.

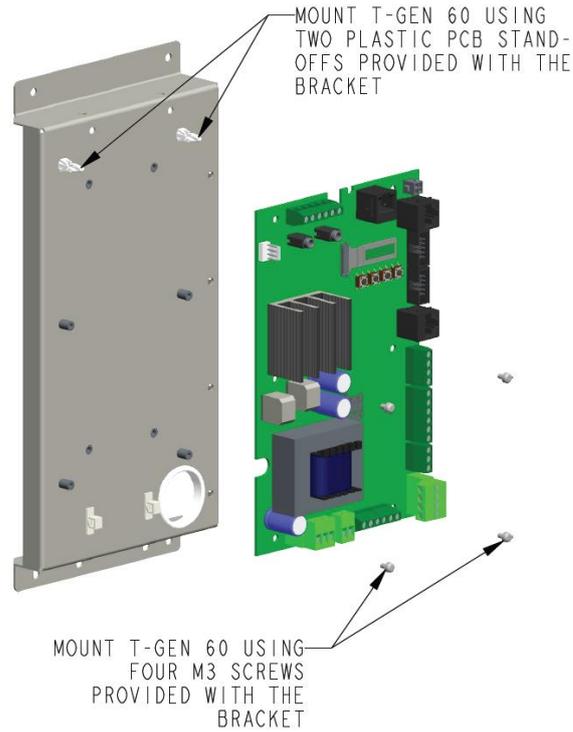


Figure 2 – T-Gen 60 mounting on bracket

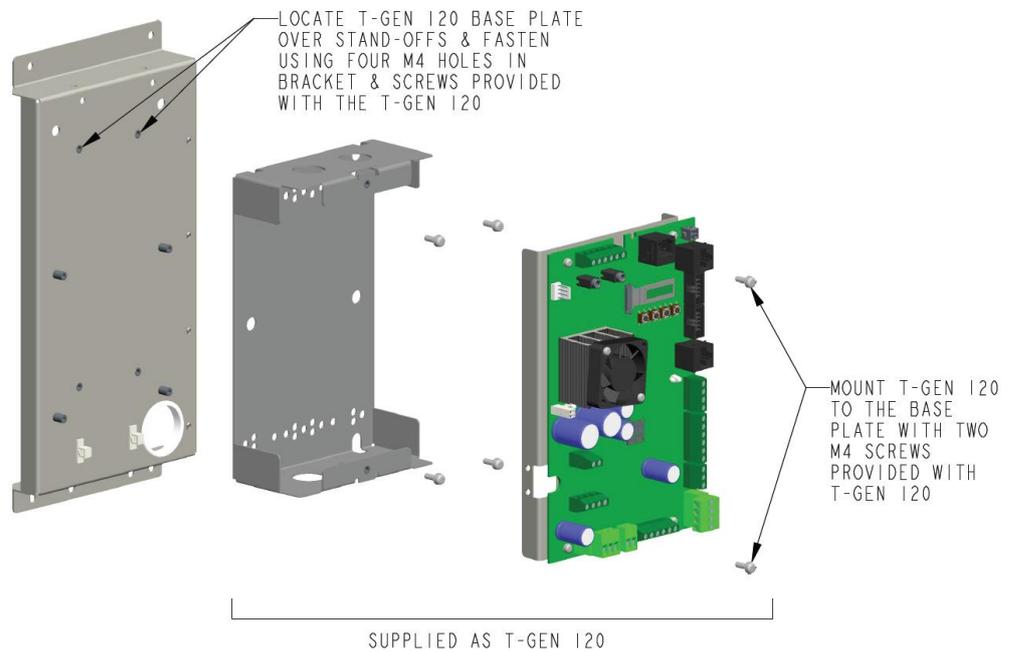


Figure 3 – T-Gen 120 mounting on bracket

Panel Connection

Connect the LM0632 power loom to the T-Gen2 power connector J20. Make the other required connections to the T-Gen2 as per its Installation Instruction LT0667 and drawing 1976-181 Sheet 430.

The PDI bay must have either an APS fitted or be connected with a 734-301 signal power loom to a bay containing an APS.