PPC4™ IEEE Option Kit

P/N 3668272

Instruction Sheet

IEEE Option Installation Kit for PPC4, P/N 3668272, includes:

DESCRIPTION	QTY	PART NO.
Screw Lock Kit	1	3135477
Cable Assembly	1	3151520
M3 x 0.5 Screw	4	3153249
M3 Lock Washer	4	3153752
PCB Assembly	1	3305442
PPC4 Cable Assembly	1	3305720

Introduction

This kit provides the hardware necessary to install the IEEE option in a PPC4 pressure controller/calibrator. Note that the IEEE option is designed for installation at the factory, and should only be installed by an authorized Fluke service center.

Installation Instructions

In order to install the PPC4 IEEE option hardware, the PPC4 chassis cover must be removed.

⚠⚠ Warning

To avoid electric shock, disconnect mains power before removing the chassis cover.

❶ **Remove the chassis cover: Unscrew the eight screws that are on the top, right and left edges of the PPC4 rear panel.**

❷ **Back the cover from the closed and secure position: Using the two M3 x 20 mm screws in the PPC4 accessory kit, gradually back the cover from the closed position using both screws (See Figure 1). The cover is moved back by about 10 mm (0.4 inch).**

❸ **Lift the cover off the chassis: Remove or retract the two screws and lift off the cover from the PPC4 chassis (See Figure 1).**

❹ **Install the IEEE circuit board: Secure the IEEE circuit board assembly as shown in Figure 2, using the M3 screws and lock washers.**

⚠ Warning

Do not lay the PPC4 on the rotate-and-click knob located on the front panel.



Figure 1: Removing the PPC4 Chassis Cover

❺ **Connect IEEE connector assembly: Insert the cable of the IEEE connector assembly through the back panel. Connect it to IEEE circuit board as shown in Figure 2.**

❻ **Install IEEE outer housing: Secure the IEEE cable assembly outer housing to the IEEE cable assembly on the back panel of the PPC4, using the screw locks.**

❼ **Connect IEEE circuit board assembly: Run the ribbon cable from J1 of the IEEE board to the IEEE option connector on the brain board, as shown in Figure 2.**

❽ **Replace the chassis: Return the chassis to its original position. Secure the screws removed in steps 2 and 3.**

❾ **Secure the chassis cover: Return and secure the eight screws removed in step 1.**

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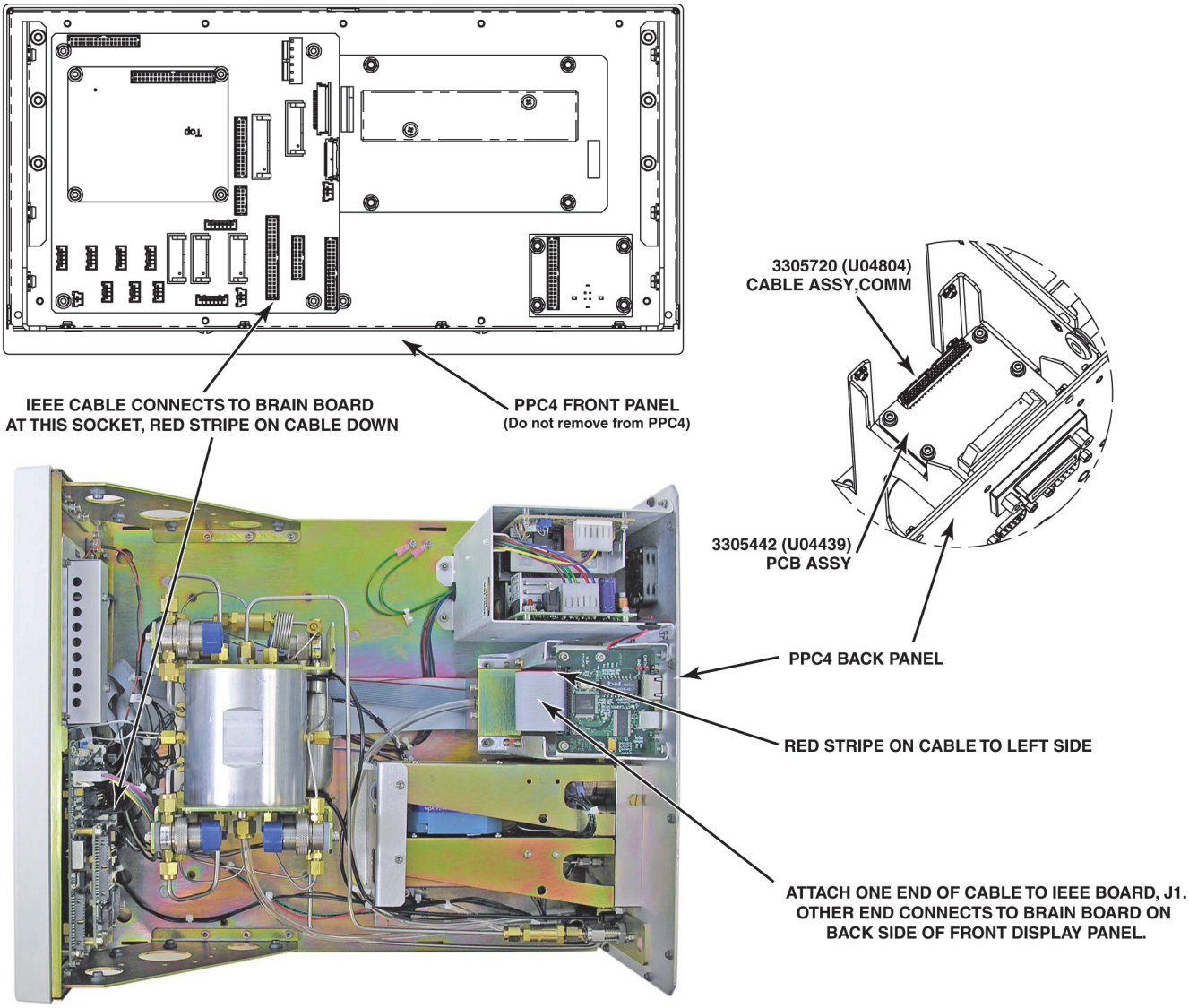

Figure 2: Installing the IEEE Circuit Board and Connector Assemblies