

PCN5 CALIBRATION MATRIX

How to determine if recalibration is needed after installing PCN5

Option 1: Check the Money Volume Display board

The simplest way to determine if you need to re-calibrate will be to check which Money Volume Display board is currently in your Encore dispenser. If your board is:

- M12803A00X: This board operates on LON communication. If this is your board, recalibration is **required** when upgrading to PCN5.
- M18830A001: This board uses Display BUS communication. If this is your board, recalibration is **not required** for the upgrade to PCN5.

Money Volume Display			
PN	Communication Method	PCN Software	Calibration Required to Upgrade to PCN5
M12803A00X	LON	4.X.XX or older	Yes
M18830A001	Display Bus	5.X.XX or 6.X.XX	No

Option 2: Check the existing PCN board

If you're unsure which Money Volume Display board you have, you can also verify the existing PCN board. Refer to the matrix below to understand the communication method and whether recalibration is needed for the upgrade to PCN5.

Pump Control Node Number	Assy PN	Board PN	Communication Method	Calibration Required to Upgrade to PCN5
3	M13413A0XX	M12702A00X	LON	Yes
3+	M13413A0XX	M12702A10X	LON	Yes
4+	M16785A910	M18666A001	Display Bus	No
4+	M16785A915	M18666A002	LON	Yes
5	M19203A910	M18446A101	Display Bus	N/A

By following these steps, you can easily determine if recalibration of your Encore dispenser is necessary after upgrading to PCN5.

For more information, reach out to your Gilbarco Veeder-Root account manager.