

Lateral Force Accessory Assembly

Order Code 2D-FP



What's Included

- Lateral Force Accessory
- T25 Torx® wrench
- BTA to BTA Short Cable (for use with Go Direct® Force Plate [GDX-FP])
- BTA to BTA Long Cable (for use with Vernier Force Plate [FP-BTA])

Note: The Lateral Force Accessory (order code 2D-FP) is an accessory to both the Go Direct Force Plate (GDX-FP) and the Force Plate¹ (FP-BTA). If using an FP-BTA, you will need 2 long BTA to BTA cables—the one that shipped with your Force Plate and the one that came with the Lateral Force Accessory.

Assembly Instructions

For all versions of the force plate (GDX-FP or FP-BTA)

1

Start with the force plate. Turn it upside down and remove the feet. (The feet are not used when the Lateral Force Accessory is attached.)

Important! Do not throw away the feet! Store them for when the force plate is used without the Lateral Force Accessory.



2

Turn the Lateral Force Accessory upside down and stack it on the force plate (both units are upside down at this point). The front labels and the keyholes should be aligned.

A slight jiggle will help seat the screws from Lateral Force Accessory into the screw holes in the force plate.



¹ Only Force Plate (FP-BTA) versions manufactured after November 2023 are compatible with the Lateral Force Accessory (2D-FP).

3

Use the Torx wrench to initially start each of the 4 screws. One full rotation of the wrench works well to start the connection. Start with one corner, then do the opposite corner, and then do the last two in order to ensure all 4 screws are engaged.

After each screw has been started, repeat the pattern, tightening each screw until all four are finger tight.



4

Fully tighten all 4 screws by using the long handle of the Torx wrench to secure the connection. Flip the entire assembly right side up.



5

Use the short BTA-BTA cable to electronically connect the two devices.



Assembly Instructions - Force Plate (FP-BTA)

The instructions are the same as for the Go Direct version, with the exception that both the Force Plate and Lateral Force Accessory will need to be connected to a LabQuest interface using long BTA-BTA cables. Either connect the interface to your devices via USB or use the LabQuest app on your interface to collect and analyze data.



Other Information

The rubber pads on the bottom of the Lateral Force Accessory are designed to be resistant to slipping. If leveling feet are desired, use a non-slip foot with a $\frac{3}{8}$ " threaded post to fit the corner threaded holes.

You can leave the force plate and the lateral force physically connected or you can separate them to simplify the use of the force plate by itself. To remove the Lateral Force Accessory, simply reverse these instructions.



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