
Hawkin Dynamics

Inspecting the Plate Connector
Cable

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Checking your XLR Plate Connector Cable for Damage

In instances when your Hawkin Dynamics Force Plate is flashing red on the LED indicator or if you are only receiving data from your right plate, the most common cause is a damaged XLR Connector Cable. The XLR cable is the right angle connector that connects the left and right plates, and damage to this cable will either limit you to collecting data on one plate or will not let you run tests at all.

This document will walk you through disassembly and inspection of your cable to determine if there is damage, and will also provide you with some best practices for ensuring that damage does not reoccur.



Disassembly

To disassemble your cable, grip the metal L-connector portion with one hand, and place the other along the conical portion that ends at the cable.



Disassembly

While grasping the metal L-connector portion, twist the conical part counterclockwise.



Disassembly

Unscrew the conical portion of the connector until it is fully removed from the metal L-connector.



Disassembly

Once the conical portion is removed from the L-Connector, pull the flap on the back of the L-connector up to expose the soldered cable connections.



Inspection

With the interior cables exposed, check for any damage or loose connectors. The following photo is of an undamaged cable.



Below is an example of a damaged cable



Inspection

Repeat this process for the other end of the cable. If you find that your cable is damaged, please email us at support@hawkindynamics.com and we will arrange to have a replacement sent out, if your system is still under warranty.

Damage Prevention

To prevent future instances of damage, we highly recommend unplugging the left and right cable when your system is not in use. We would advise against moving or transporting your force plates while the left and right plates are plugged in.

