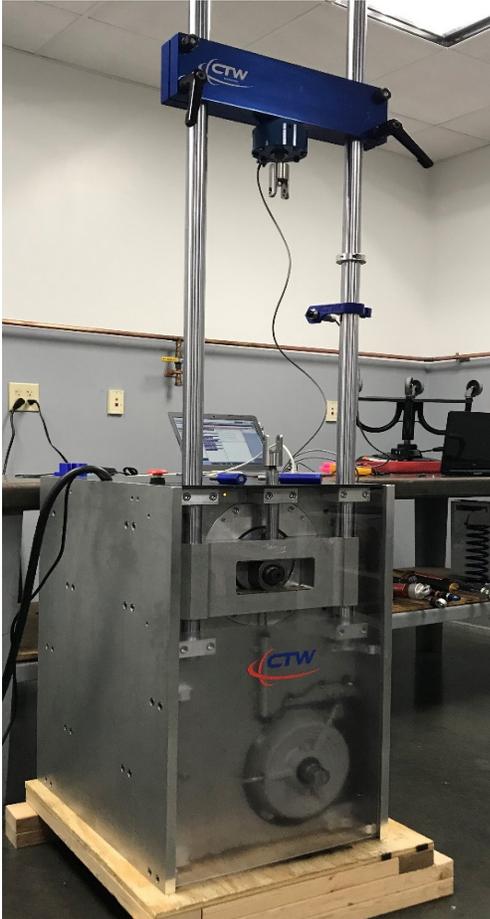


CTW Automation Install Guide for 2 Piece Columns



Inside the crate you will find a box with necessary items and the dyno itself as well as the columns.

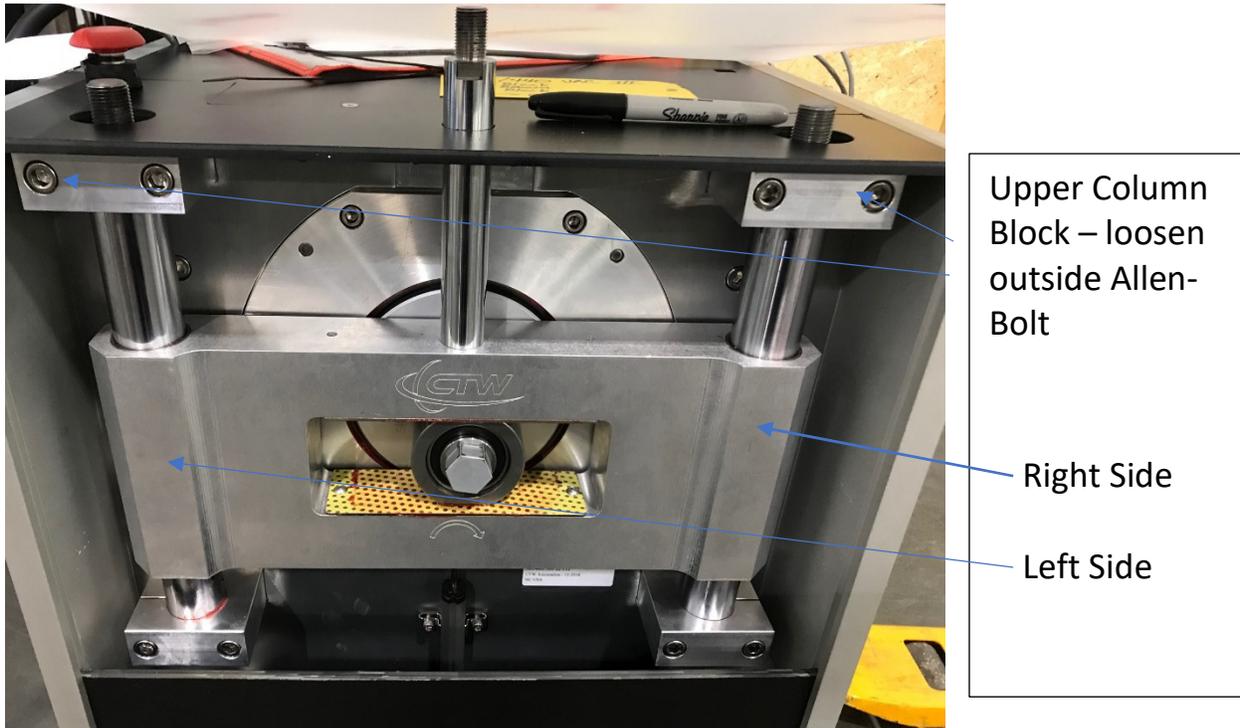
When your machine has arrived with 2-Piece columns you need to take care to properly get them mounted and connected to the machine.

The dyno comes completely assembled except for the columns. You will need to install:

- 1) Columns, left and right
- 2) IR-Temperature sensor and quick clamp
- 3) Column Quick-release clamp
- 4) Crossbar

Fully Assembled RD7.5 or RD10

How to install 2-Piece Columns



- 1) Loosen the outer most socket-head-cap-screw (SHCS) on both upper column clamps. These are split-block style to allow for tightening onto column.
 - a. Note – no need to loosen the inner SHCS
- 2) Carefully place the left-side column onto the threaded stud and rotate in order to complete the connection. Column should go all the way down until it meets end to end with column already in the machine.
 - a. Leave slightly free until noted
 - b. You can use some “blue” Loctite to secure
- 3) Repeat the process on the other column
 - a. Make sure to install the IR-Temperature clamp before making final connection
- 4) Install the column quick release clamp and adjust to be secure when clamped
- 5) Now install the crossbar and let it rest onto the column quick release clamp
 - a. The crossbar will help to set the columns and spacing for the best fit
- 6) Now finish tightening the columns onto the lower column and stud. Do this as much as possible to ensure a solid and strong connection.
- 7) Clamp the SHCS on each upper block to further secure the column
- 8) Check to ensure crossbar moves freely
 - a. If it is tight, try to loosen one column to better align system