



**THANK YOU FOR CHOOSING ANOTHER WAY!**



For your safety and proper use of the product, please familiarize yourself with this manual before using the TAU HANDBRAKE V2.

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# 1. **Warning**

To ensure full safety for yourself and others while using the TAU HANDBRAKE V2, adhere to the following guidelines:

- ✓ NEVER use the TAU HANDBRAKE V2 if it is not properly and securely mounted;
- ✓ The TAU HANDBRAKE V2 is not intended for children under the age of 15;
- ✓ The product contains small parts which, if swallowed, can cause choking, as well as injuries and harm, and can even lead to death in small children. Exercise extreme caution with small parts and keep them away from children;
- ✓ Only connect the product to certified computers;
- ✓ Connect the product to the computer's USB port using a USB cable. The cable and USB plug must not show any signs of damage, wear, cable sheath breakage, or plug tampering;
- ✓ Disconnect the product if it will not be used for an extended period;
- ✓ DO NOT modify the product; contact the manufacturer if it malfunctions;
- ✓ DO NOT attempt to repair the product.

## 2. Notes

Remember, neither you nor anyone accompanying you should ever put fingers or other body parts into the areas described and MARKED ON THE DIAGRAM BELOW when using the TAU HANDBRAKE V2:

- ✓ Between the lever walls;
- ✓ Between the front and rear bump stops;
- ✓ Into the rear part of the spring mechanism;
- ✓ Additionally, anywhere where there is a possibility of pinching and/or crushing.



Fig. 1. Illustration of critical areas in the TAU HANDBRAKE V2 where inserting fingers and other body parts is prohibited.

The product is completely safe when used for its intended purposes. All other unforeseen applications are not recommended and prohibited.

**ANOTHER WAY COMPANY ASSUMES NO  
RESPONSIBILITY FOR ANY INJURIES THAT  
MAY OCCUR DUE TO IMPROPER USE AND  
HANDLING OF THE TAU HANDBRAKE V2.**

### 3. Dimensions

Figure [Fig. 2] shows the dimensions of the TAU HANDBRAKE V2 along with the mounting holes. All dimensions are presented in millimeters [mm].

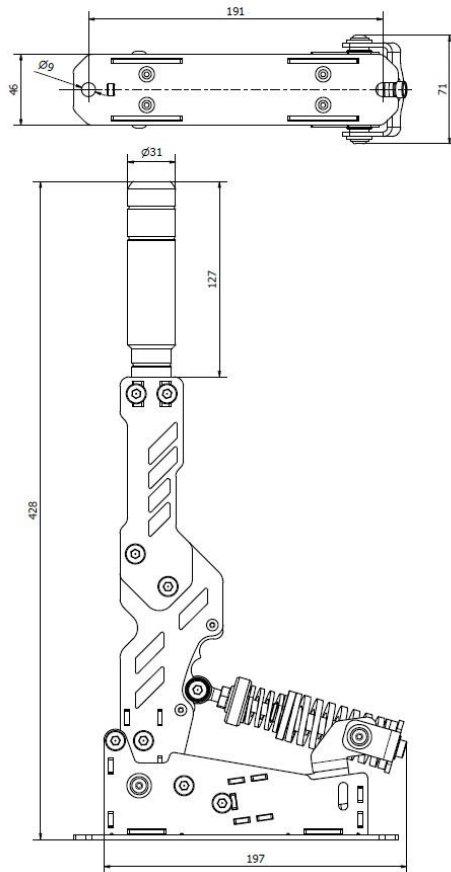


Fig. 2 Dimensions of TAU HANDBRAKE V2 along with the mounting holes.

## 4. **Adjustment**

### 4.1 Changing the position of the compression spring and adjustment with the knurled knob

To ensure a wide range of adjustment, three mounting points for the compression spring have been designed, allowing for individual customization of the resistance force with which the handbrake operates. The spring mounted at the highest point of the three-step scale offers the greatest resistance force, while set in the lowest hole, it provides the least resistance. For precise adjustment and counterbalancing of the entire spring system, a knurled knob along with a flange nut is used, which, if tightened, will increase the resistance; if loosened, will decrease the resistance.

To properly change the position of the compression spring, loosen the knurled knob along with the flange nut, shift the spring system head to the selected level, and then tighten the knurled knob along with the counter nut.

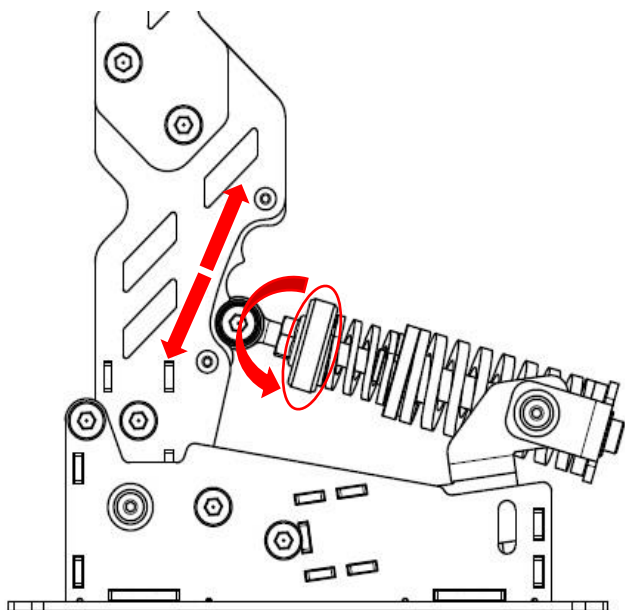


Fig. 3. Adjustment of the spring system resistance force.



## 4.2 Mounting and changing the position of the lever

To this end, a four-step scale has been designed that allows for changing the position of the lever within a range of  $135^\circ$  at  $22.5^\circ$  intervals. The lever can be mounted in two variants - vertical and horizontal. To do this, you should:

- a. Use an H5 wrench to unscrew the four M5 nuts;
- b. Select the appropriate mounting position;
- c. Move the mounting elements through the holes;
- d. Tighten all nuts firmly.

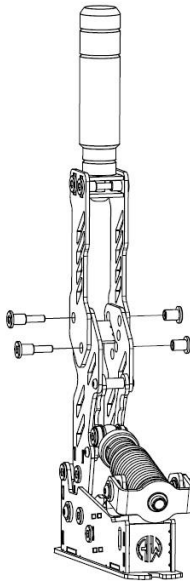


Fig. 4. Mounting the lever in the "vertical" variant.

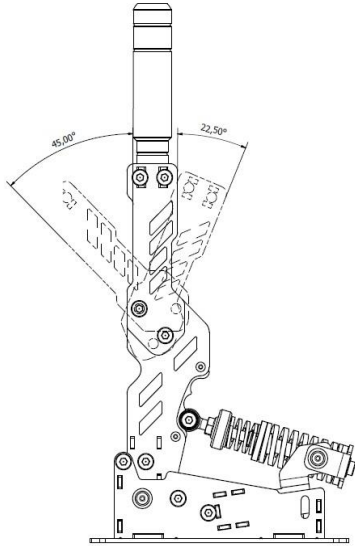


Fig. 5. Illustration of adjustment in the vertical position.

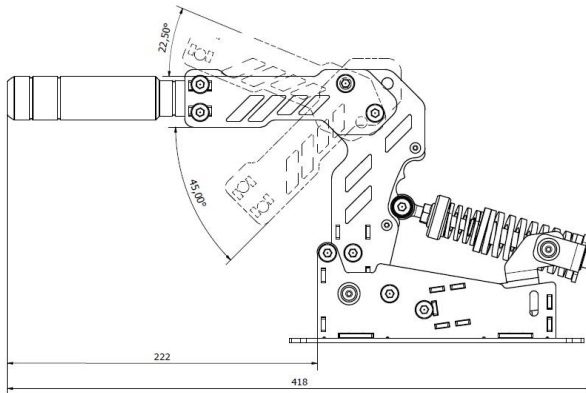


Fig. 6. Illustration of adjustment in the horizontal position.

## 5. Configuration and Calibration

### 5.1 Configuration

To configure the TAU HANDBRAKE V2, download the AWControlCenter app from our website:

[www.aw-anotherway.pl](http://www.aw-anotherway.pl)



Then move the file to the desktop, connect the TAU HANDBRAKE V2 to your computer, and launch the program by double-clicking on the icon (Fig. 7).



Fig. 7. AWControlCenter Icon.



Fig. 8. TAU HANDBRAKE V2 Configuration Panel.

After launching the program, the configuration panel window will appear (see Fig. 8), where you can set all the essential parameters for the operation of the TAU HANDBRAKE V2, such as:

1. Deadzone – dead zones within the brake's range of action.
2. Signal curve – using sliders at 20% intervals.

Additionally:

3. Download the current parameters from the brake controller.
4. Go to the calibration menu.
5. Send the set parameters to the brake controller.

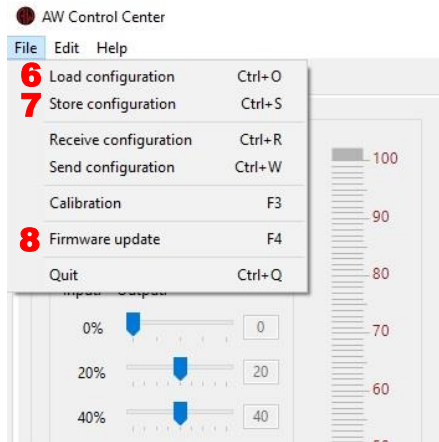


Fig. 9. Additional Configuration Menu.

Additionally, using the dropdown menu located at the top of the window, you can:

6. Load a previously saved configuration from an .xml file;
7. Save the current configuration to an .xml file;
8. Upload new firmware to the brake controller.

Remember to send the settings to the controller using the "Send configuration" button (5) after each configuration change.

## 5.2 Calibration

To properly calibrate the TAU HANDBRAKE V2, use the configuration menu to navigate to the calibration menu by clicking the "Calibration" button (Fig. 8). After this action, the calibration menu will appear (Fig. 10).

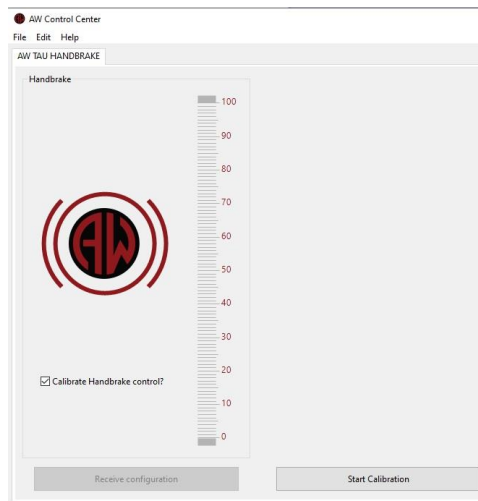


Fig. 10. Calibration Menu.

To proceed with the calibration, select the "Calibrate Handbrake control?" option, then press the "Start Calibration" button.

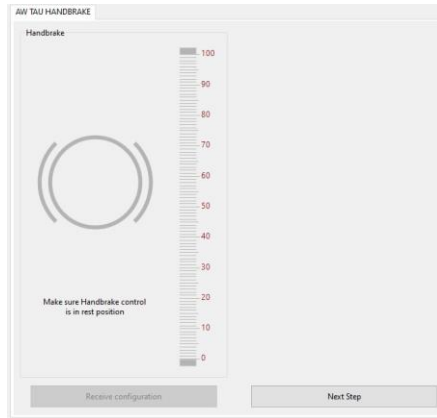


Fig. 11. Calibration Menu – Rest Position.

The next step is to check the brake position (Fig. 11):

- Make sure that the brake is in the resting position.
- If so, press the "Next Step" button.

Then, set the initial brake signal (Fig. 12):

- If you want the initial brake signal to differ from the resting signal, position the lever in the preferred minimum position.
- Press the "Next Step" button.
- If not, leave the lever in the resting position and proceed to the next stage by pressing "Next Step".



Fig. 12. Calibration Menu – Setting the Minimum Signal Value.

The final step is to set the maximum brake signal (Fig. 13):

- Set the lever to the maximum position.
- Press the "Next Step" button.

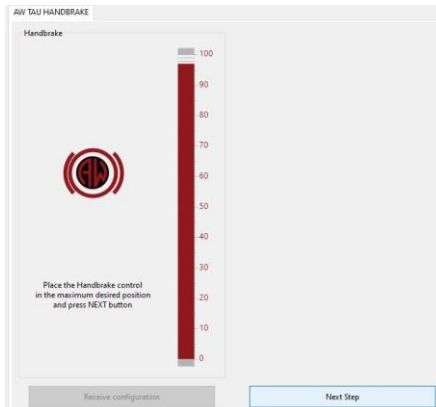


Fig. 13. Calibration Menu – Setting the Maximum Signal Value.



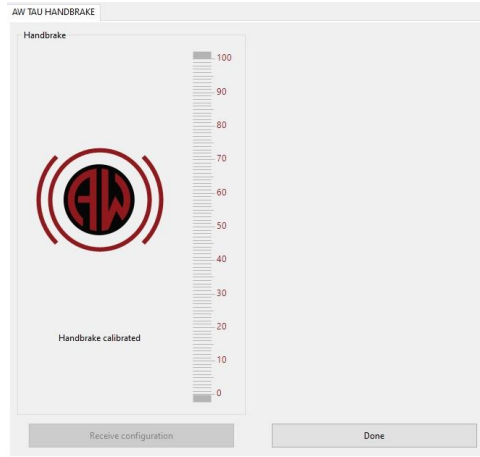


Fig. 14. Calibration Menu – Completion of the Calibration Process.

After completing the last step, the message "Handbrake calibrated" will appear, indicating that the calibration has been successfully performed. To return to the configuration menu, press the "Done" button.

**WARNING!**

Remember that after any mechanical change, such as changing the tension or position of the spring, recalibration is necessary.

## 6. Maintenance

The TAU HANDBRAKE V2 has been designed to minimize the need for maintenance work. To keep it in the best condition over the years, please follow the guidelines in this section.

The most critical maintenance element is the regular lubrication of the handbrake in the most heavily used areas [Fig. 15]. The frequency of this maintenance largely depends on how intensively the handbrake is used. A key symptom indicating the need for maintenance is the characteristic squeaking sound caused by friction. The recommended lubricant for maintenance is a high-viscosity mineral oil grease.

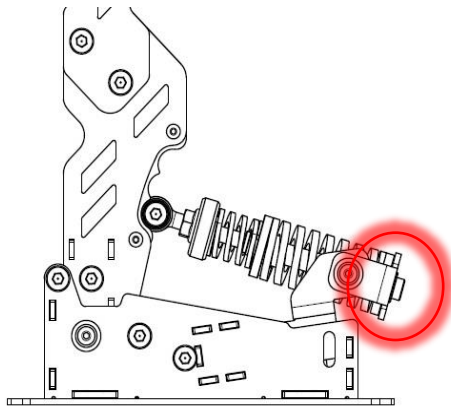


Fig. 15. Labeling of components requiring lubrication.

## **7. Environmental Protection Recommendations**

Electronic and electrical devices cannot be discarded with other household waste. They must be taken to recycling centers specialized in collecting used electronic and electrical equipment. This is to prevent negative impacts on the environment and human health. For information on the locations of such collection points, please contact your local authorities.

## **8. Warranty Information**

Another Way, based at Bogusławki Małe 25C, 96-200 Rawa Mazowiecka, guarantees that the TAU HANDBRAKE V2 product will be free from material, manufacturing, and design defects for a period of two (2) years from the delivery of the TAU HANDBRAKE V2 to the customer. For commercial use, the warranty is limited to one (1) year.

If any symptoms indicating a product defect occur, please contact the manufacturer immediately, who will determine the further course of action. Under the specified warranty, a defective product will be repaired or replaced with a functioning one, or the purchase cost will be refunded, provided that the product along with a copy of the invoice or receipt is returned to the manufacturer.

The decision on how to handle the claim lies entirely with the Manufacturer.

This warranty does not apply if:

- ✓ The product has been modified by the user;
- ✓ It has been altered, changed, or damaged due to improper or excessive use;
- ✓ There is an accident caused by the customer;
- ✓ Neglect in usage, normal wear and tear, or
- ✓ Any other reason not solely due to material or manufacturing defects;
- ✓ Proper maintenance has been neglected;
- ✓ Manufacturer's recommendations have not been followed.

#### WARNING

Remember, to file a complaint, you can contact the point of purchase where the product was bought, or directly with the manufacturer.