

E-Billy

Add-On User Manual

Please read this manual carefully before using E-Billy Add-Ons. Failure to follow the precautions described in this manual can cause damage to the stand and personal injury.

Safety Precautions

- ◆ Before proceeding with any operation described in this manual, make sure you understand the instructions. If you have any trouble whatsoever, contact us at info@dbd-tools.com. We are here to help you.
- ◆ The stand must be plugged into an undamaged and grounded power outlet with a proper cable. If you live outside the EU and didn't receive a power cable suitable for your country's power outlets, contact us and we will send you one. **Do not use damaged extension cords.**
- ◆ The stand is designed for indoor use only. Make sure you don't operate it in wet or damp conditions.
- ◆ For cleaning the stand use a cloth and isopropyl alcohol.
- ◆ Do not modify any part of the stand. Doing so can cause serious injury.
- ◆ Do not operate the stand without the safety covers in place. Doing so can cause serious injury.
- ◆ Keep the work area clear of obstructions.
- ◆ The stand is designed for lifting bicycles, do not use it for other purposes.
- ◆ Do not stand on any part of the stand except the base plate.
- ◆ Before operating the stand make sure there are no people in the stand's work area.
- ◆ Do not wear loose clothing or any accessories that could get caught in moving parts. Keep long hair organized and out of the way.
- ◆ When operating the stand don't touch any of its parts except the remote control.
- ◆ Before attempting any repair operation to the stand, find a suitable manual for the intended operation or contact us to help you.

Assembly and Installation

Required tools (not included)

For your convenience, E-Billy's Add-Ons are shipped mostly assembled, with very few steps left for you to complete before using them.

Required tools for installing each Add-On:

- ◆ Hinged Arm / Fixed Arm - 5 mm hex wrench
- ◆ Tool Tray – 4 mm hex wrench
- ◆ Part Tray – 4 mm hex wrench
- ◆ Towel Holder – 4 mm hex wrench
- ◆ Clamp Extender – 5 mm hex wrench, 13 mm wrench

Hinged Arm (E-Billy Premium) / Fixed Arm (E-Billy Double, E-Billy ½ Double)

The Hinged Arm / Fixed Arm comes pre-assembled and consists of the horizontal support and mount. It is mounted to E-Billy's carriage using two included M8x16 screws as shown in figures 1 and 2. Use a 5 mm hex wrench to tighten the screws.

Notes:

- ◆ The Hinged Arm's hinge tightness can be adjusted with two 19 mm wrenches by tightening or loosening the hinge screws slightly.
- ◆ The Hinged Arm / Fixed Arm **weight capacity is 5 kg**. DBDtools is not responsible for any damage caused by overloading of the arm.

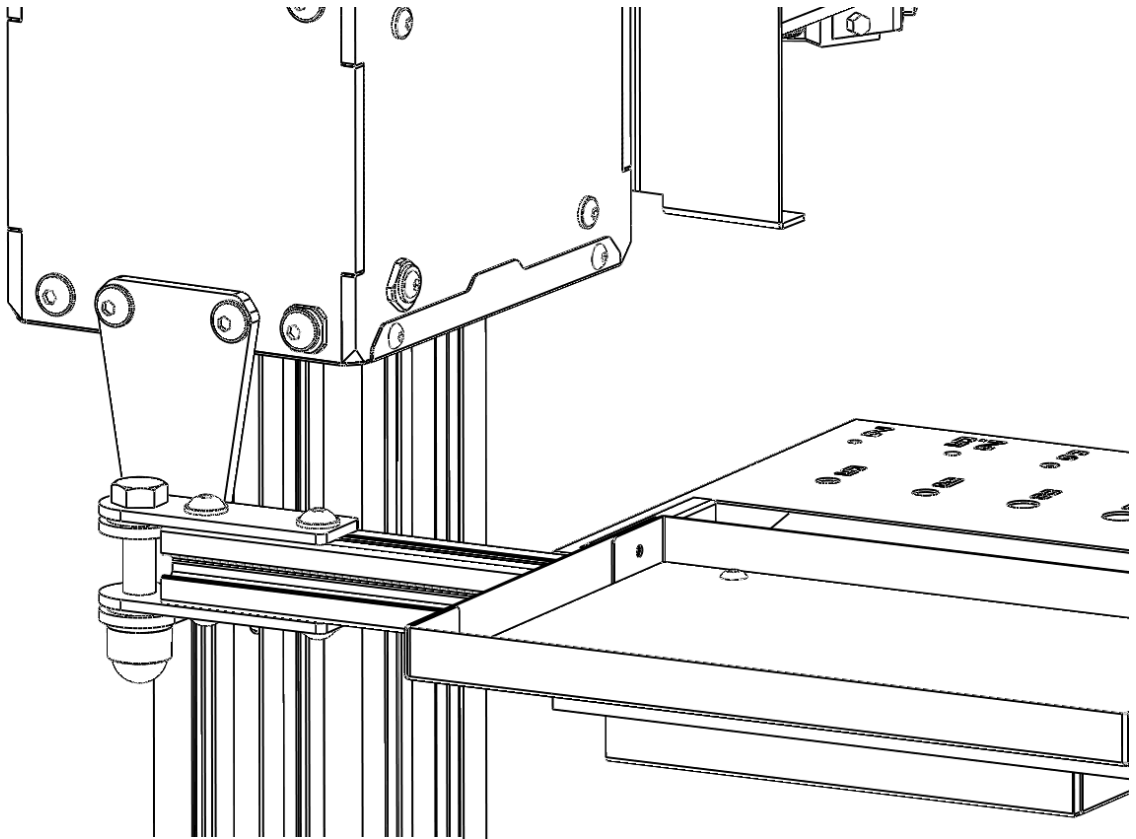


Figure 1: Hinged Arm mounting

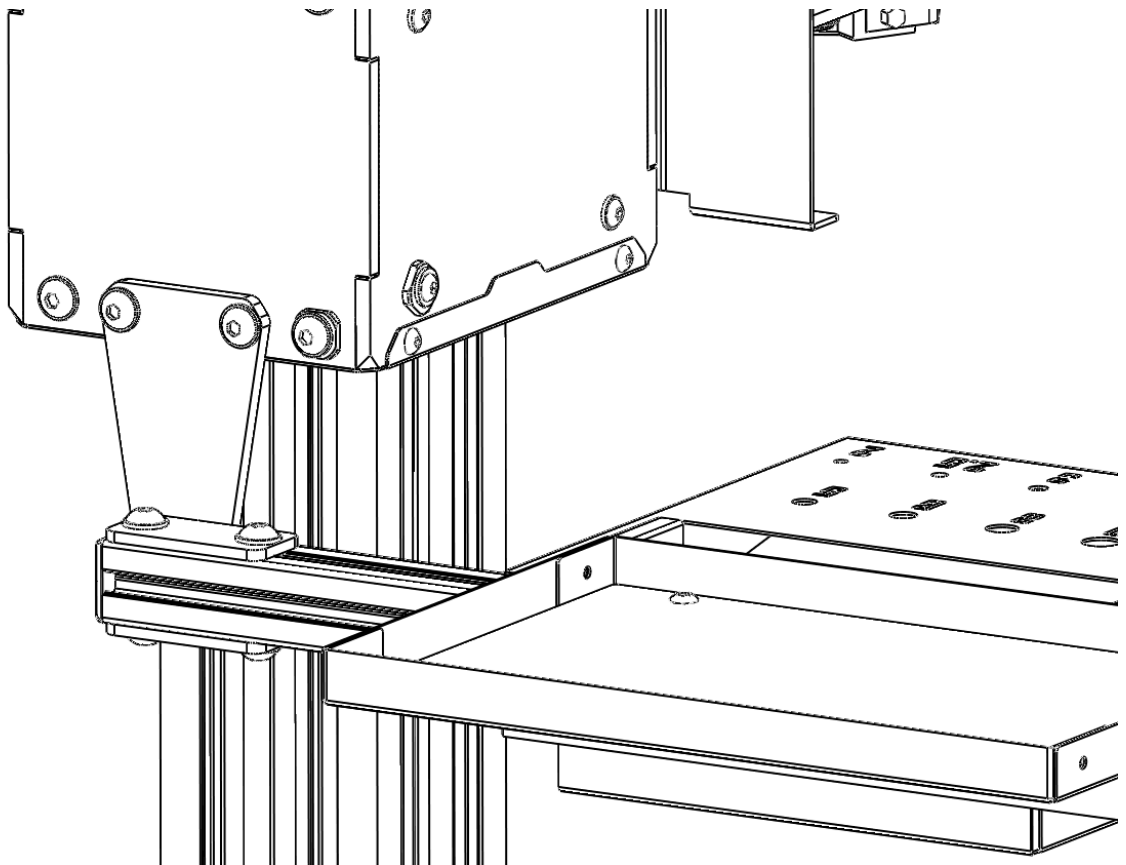


Figure 2: Fixed Arm mounting

Installation of Add-Ons requiring the Add-On Arm:

From this point forward, the Hinged Arm / Fixed Arm are both referred to as Add-On arm.

The Tool Tray and Part Tray are mounted to the Add-On arm with the use of groove nuts that come pre-installed on these Add-Ons.

1. Move the Add-On arm to a comfortable height.
2. Turn E-Billy off.
3. Remove the plastic cover from the Add-On arm (Figure 6). Use a plastic tool to protect the aluminum.
4. Unthread the groove nuts on the Add-On you are installing slightly (not all the way off).
5. Slide the Add-On's groove nuts into the groove of the hinged arm segment (Figures 7 through 9). Tighten the screws with a 4 mm hex wrench.
6. Replace the plastic cover onto the Add-On arm (Figure 11). Use a rubber mallet or similar soft tool.
7. For notes on each individual Add-On see the next section.

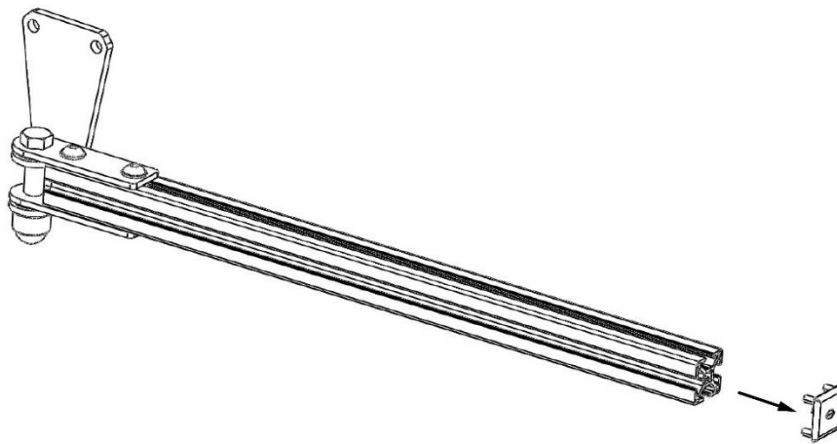


Figure 6

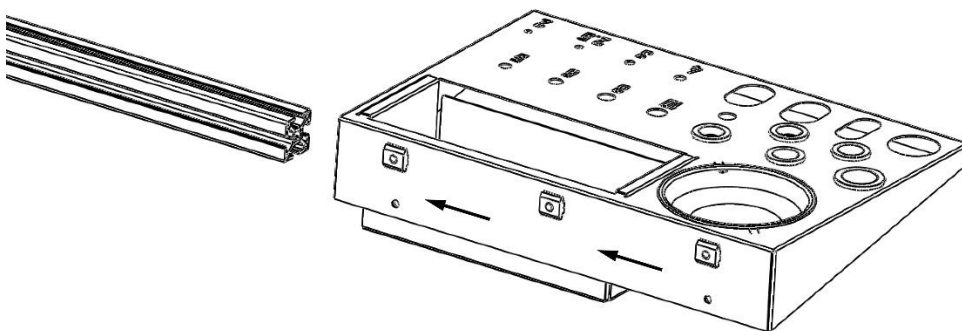


Figure 7

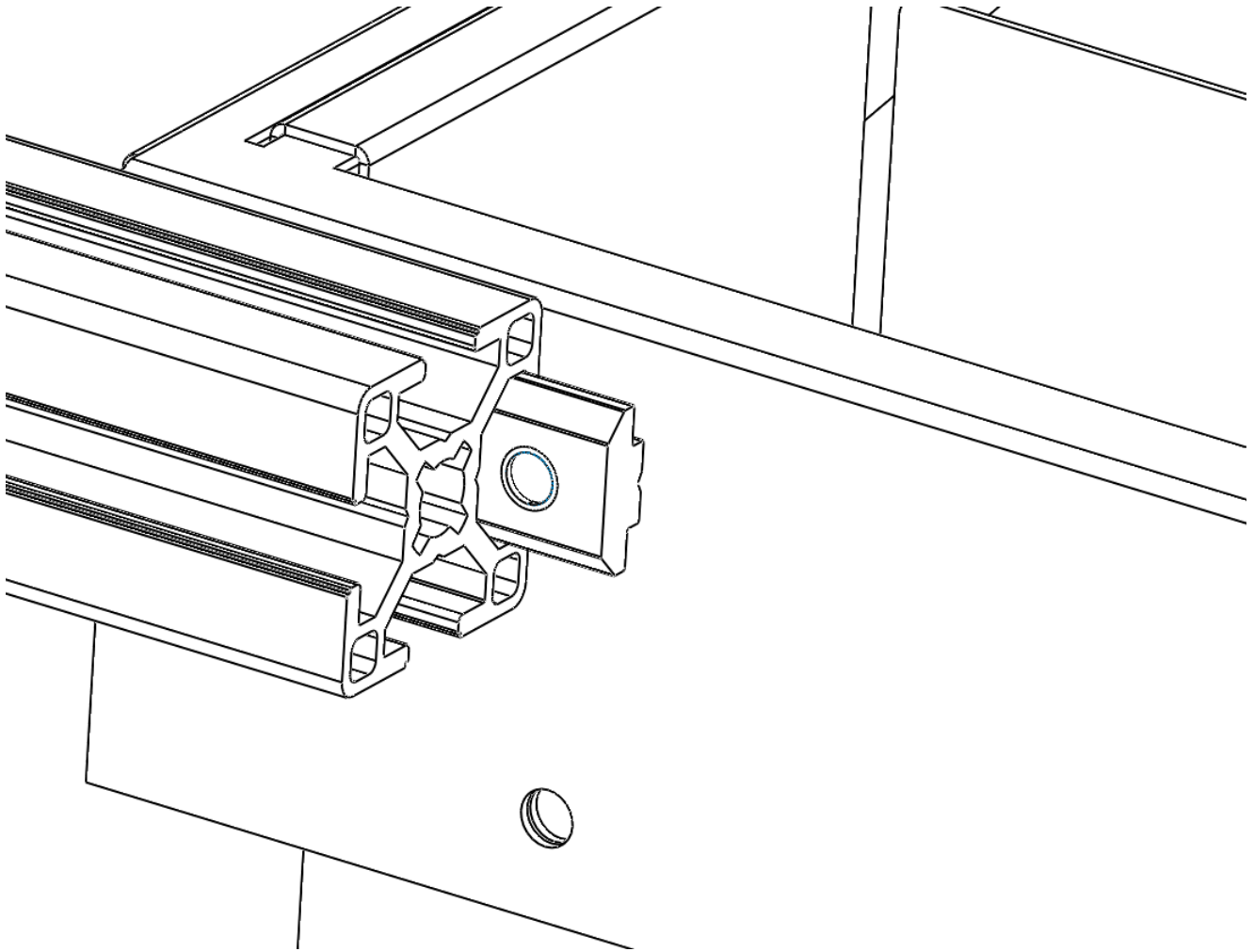


Figure 8: Tool Tray mounting detail

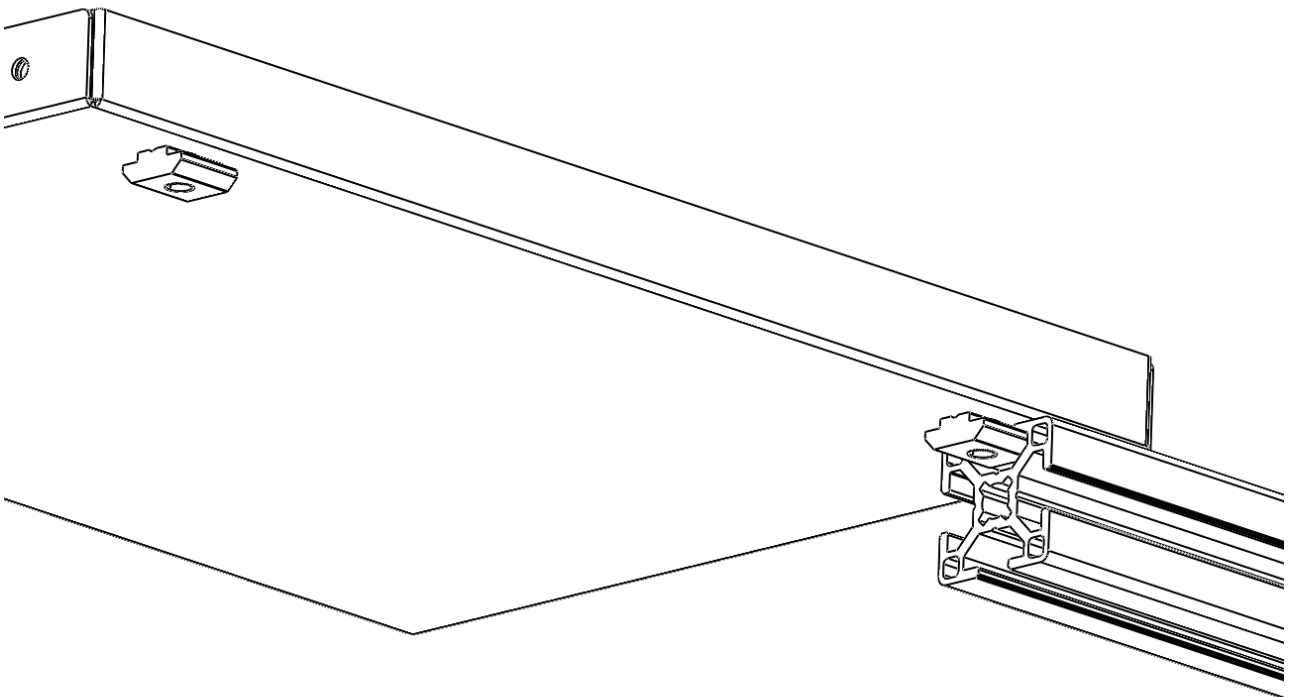


Figure 9: Tool Tray mounting detail

Tool Tray

The Tool Tray allows you to always keep your most used tools close. It includes:

- ◆ Marked cutouts for hex wrenches from 2 mm to 10 mm
- ◆ Mixed-size cutouts for various tools with optional plastic holders
- ◆ Spray compartment
- ◆ Magnetic cup for keeping small screws and other metal parts secure

Notes:

- ◆ The spray compartment metal strip is inserted from the bottom by slightly bending the side flanges.
- ◆ The spray compartment needs to be removed to tighten the screws holding the tool tray to the hinged arm
- ◆ The included plastic holders can be used to prevent screwdrivers from tilting in the Tool Tray. They are installed by inserting them into the cutouts from the top and pushing them in (Figure 11)

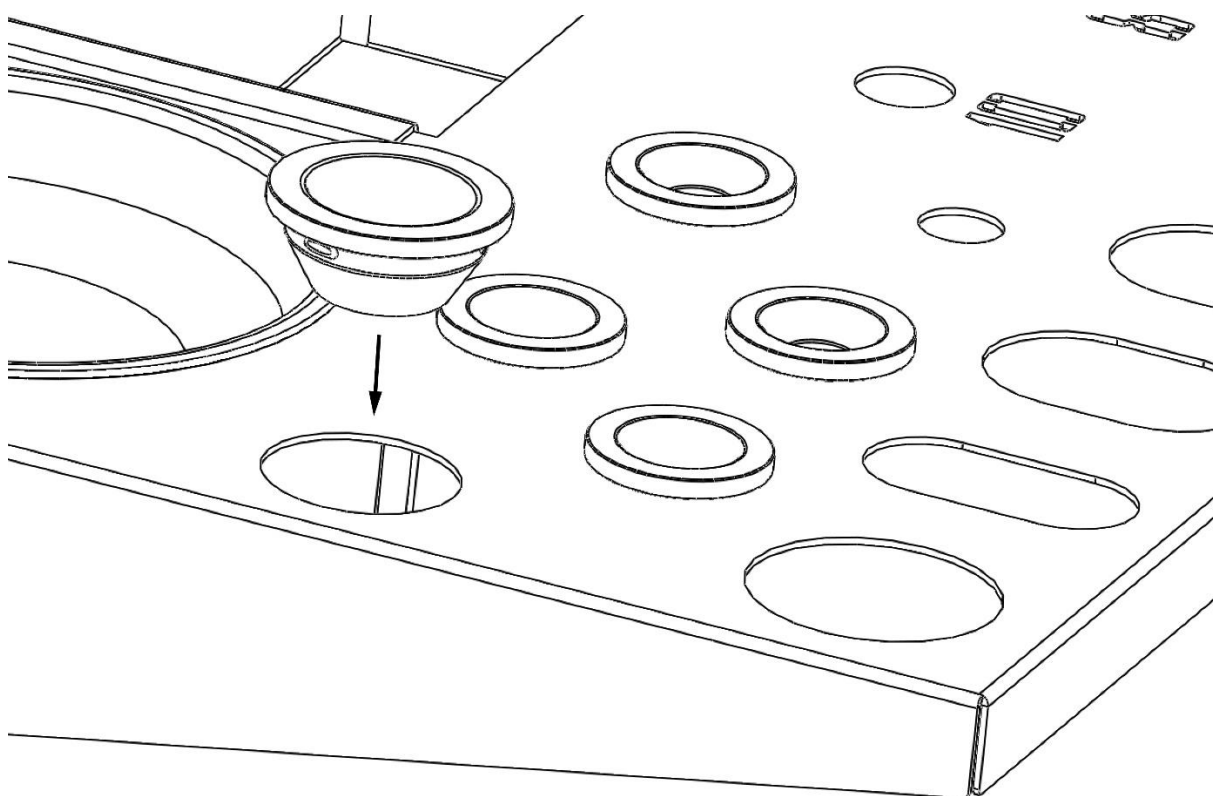


Figure 11: Optional plastic holders for screwdrivers

Part Tray

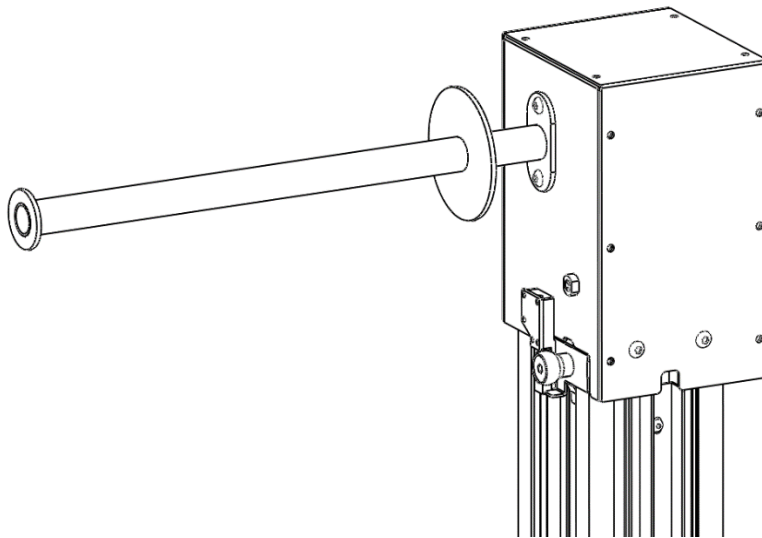
The Part Tray is useful for putting down anything you need close at hand. Parts removed from the bike can stay close, especially if you only need to put them away for a short time or have your hands full – for example headset spacers while holding the fork at the same time.

Installation of Add-Ons not requiring the Hinged Arm:

See each Add-On for installation instructions.

Towel Holder

The Towel Holder is mounted to the side of E-Billy's top cover with the two included M6 screws using a 4 mm hex wrench. Do not use the Towel Holder for heavy objects as this can cause damage to the Towel Holder or E-Billy's top cover.

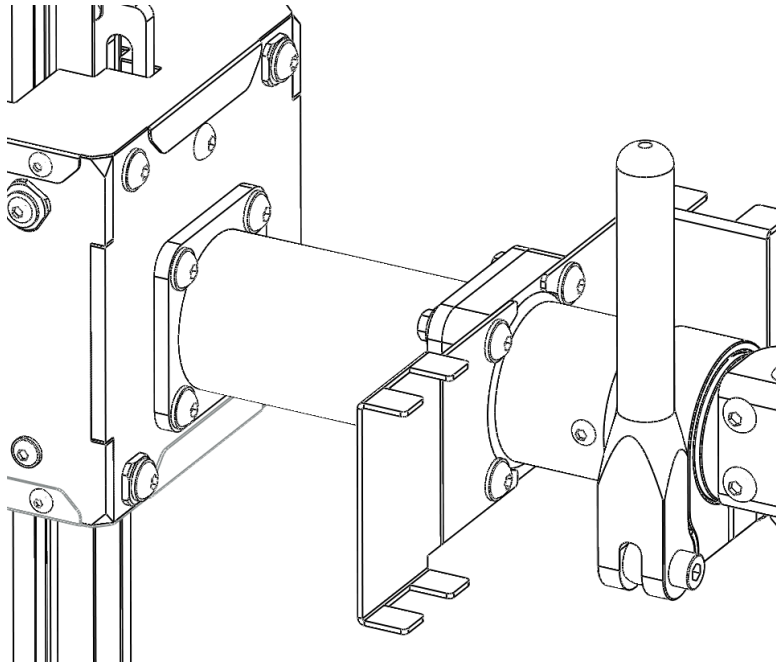


Clamp Extender

The Clamp Extender gives you an extra 12 cm of space between the stand and the bike, allowing for better access to the other side of the bike.

Installation:

1. Remove the clamp and both remote holders from the stand using a 5 mm hex wrench. The screws you remove will not be used for the extender.
2. Place the clamp on one side of the Clamp Extender, together with both remote holders.
3. Insert the four included M8x30 screws through four of the included M8 washers, both remote holders, clamp and extender.
4. Place the other four included M8 washers on the screws from the back side.
5. Thread the four included M8 nuts onto the screws.
6. Make sure the clamp is straight and tighten the nuts with a 13 mm wrench while holding the screws with a 5 mm hex wrench.
7. Place one of the included M8 washers on one of the included M8x16 screws, then position the whole clamp assembly over the threaded holes on E-Billy's carriage and insert the screw into one of the top two holes. Tighten it just enough to hold the clamp assembly securely on the stand.
8. Insert the other three M8x16 screws with washers into the holes.
9. Make sure the clamp is straight and tighten all four screws.



This concludes the E-Billy Add-On Manual. If you have any other questions, you can contact us at support@dbd-tools.com.