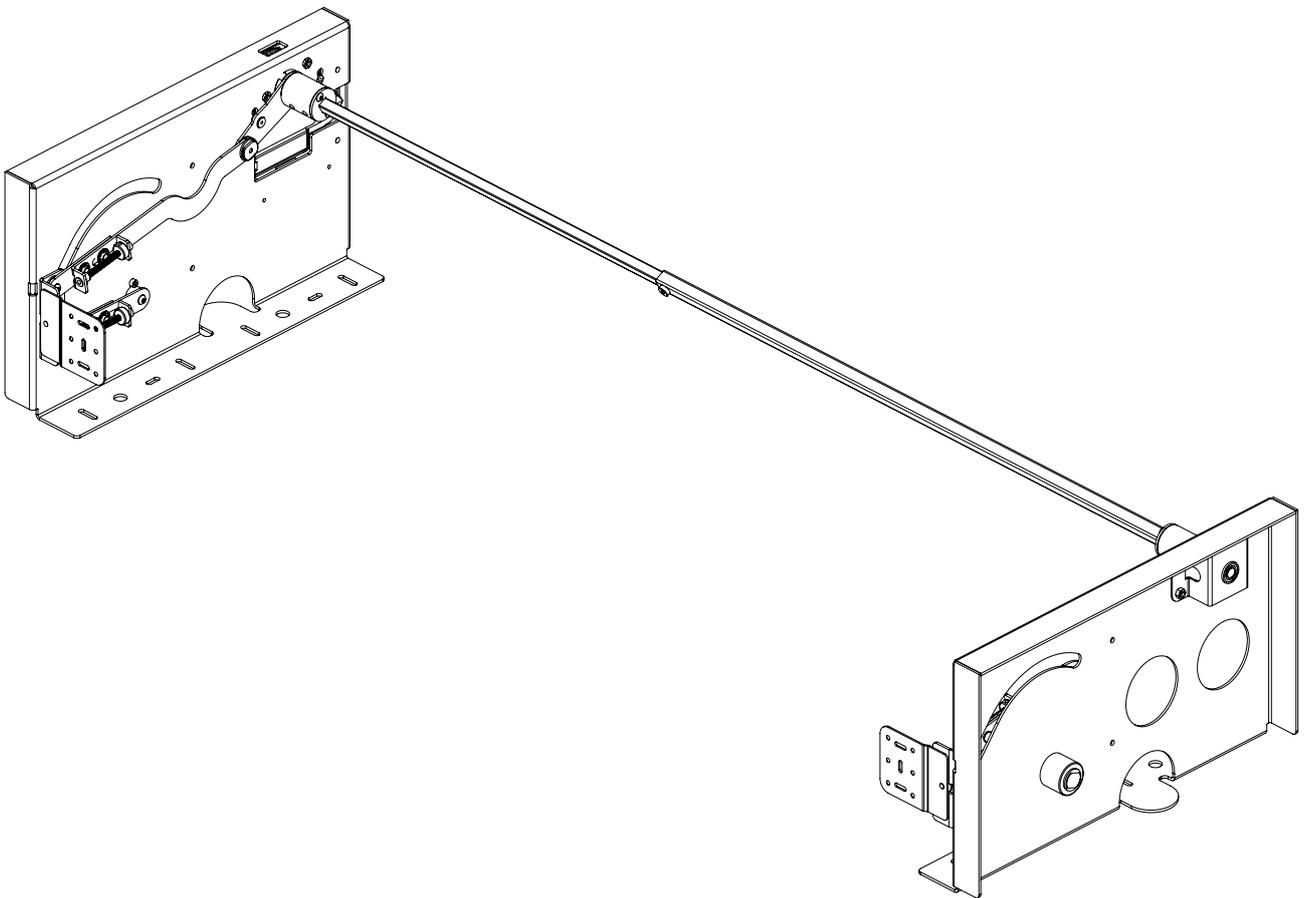




future automation

EBF

END OF BED FLAP



INSTALLATION INSTRUCTIONS

ISSUE 002

SAFETY DISCLAIMER

IMPORTANT SAFETY INSTRUCTIONS BELOW

WARNING: Failure to provide adequate structural strengthening, prior to installation can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure the structure to which the component is affixed can support four times the weight of the component and any additional apparatus mounted to the component.

WARNING: Do not exceed the weight capacity for this product as listed below. This can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure that the total combined weight of all attached components does not exceed that of the maximum figure stated.

WARNING: Risk of death or serious injury may occur when children climb on audio and/or video equipment or furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.

WARNING: Risk of death or serious injury may occur. Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child or adult.



WARNING - RISK OF INJURY!



Only for use with equipment weighing **44LBS (20KG) OR LESS.**

Use with heavier projectors/equipment may lead to instability causing tip over or failure resulting in death or serious injury.

Bracket Suitable for Residential and Commercial Use.

ADDITIONAL WARNINGS:

1. Keep all documentation/instructions after fitting.
2. Read all technical instructions fully before installation and use. It is the installer's responsibility to ensure that all documentation is passed on to the end user and read fully before operation.
3. Do not use near water or outdoors unless the product has been specifically designed to do so.
4. Protect any cables or cords being used near this bracket from being walked on or pinched to prevent damage and risk of injury.
5. Use this product only for its intended purpose as described in the product instructions and only use attachments/accessories specified by the manufacturer.
6. Do not operate the product if it is damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Contact the original installer/manufacturer to arrange repair or return.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Clean only with a dry cloth and always unplug any electrical items being used in conjunction with this product before cleaning.

Future Sound & Vision trading as Future Automation intend to make this and all documentation as accurate as possible. However, Future Automation makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without prior notice or obligation of any kind. Future Automation makes no representation of warranty, expressed or implied, regarding the information contained herein. Future Automation assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

PRODUCT WARRANTY & RISK ASSESSMENT

WARRANTY INFORMATION

WARNING - The warranty offered for this product shall be annulled if the product is used improperly or in a way that is in breach of our Terms of Service.

Future Automation provides warranty for the mechanism you purchased for the period of **24 months** from the date of purchase, provided that it isn't used for unintended purposes.

Under the warranty, Future Automation aims to either solve the issue remotely (via telephone or email support) or if the mechanism requires a part, arrange a visit to your premises by a Future Automation approved engineer or send replacement items where appropriate.

Warranty repairs will be carried out as quickly as possible, but subject to parts availability. This warranty period is respectively extended for the period of a repair.

A malfunctioning product must be cleaned and placed into suitable packaging to protect against transit damage before organising delivery to a repair workshop.

All the complaints about defects must be submitted to the vendor/installer that sold this product, rather than directly to the manufacturer.

Any part of your system that needs to be replaced during a warranty repair becomes the property of Future Automation.

The warranty does not cover the following:

- Damages resulting from improper product use or maintenance.
- Repairs carried out by unauthorized persons.
- Natural wear and tear during operation.
- Damages caused by the buyer.
- Accidental damages caused by a customer or damages caused as a result of careless attitude or usage, or damages caused by natural disasters (natural phenomena).
- Any electrical, or other environmental work external to your Future Automation mechanism including power cuts, surges etc.
- Additional items not supplied by Future Automation although they may have been supplied together by the retailer
- Any 3rd party software products controlling your mechanism
- Any transfer of ownership. Warranty is provided only to the initial purchaser.
- Compensation for loss of use of the product, and consequential loss of any kind.

A separate Safety and Servicing Information document is provided with these instructions (additional copies can be found at www.futureautomation.co.uk/safety), and this document **MUST** be filled out by the approved Future Automation Dealer who is installing the product. This Warranty Sheet must be held by the end user for the duration of the products life and will be referred to during servicing or warranty queries.

The Safety and Servicing Information document also contains two Service History Forms that must be filled in by the approved Future Automation dealer who is performing the first required yearly service of this product.

One copy of the Service History Form must be held by the customer (along with the Warranty Sheet) and a duplicate copy must be held by the approved Future Automation dealer that performed the service. Missing and/or mismatching documents may delay or invalidate warranty claims.

Additional Service History Forms can be found on the Future Automation website for further yearly services.

RISK ASSESSMENT INFORMATION

It is the installer's responsibility to perform a risk assessment of installed products. Future Automation can provide guidelines to installers/dealer about what should be included in a risk assessment, but due to the individual nuances of each location/site, Future Automation cannot provide a full list of areas to risk assess.

For full risk assessment and safety information please view our Safety and Servicing guide available at www.futureautomation.net/safety

GUIDE

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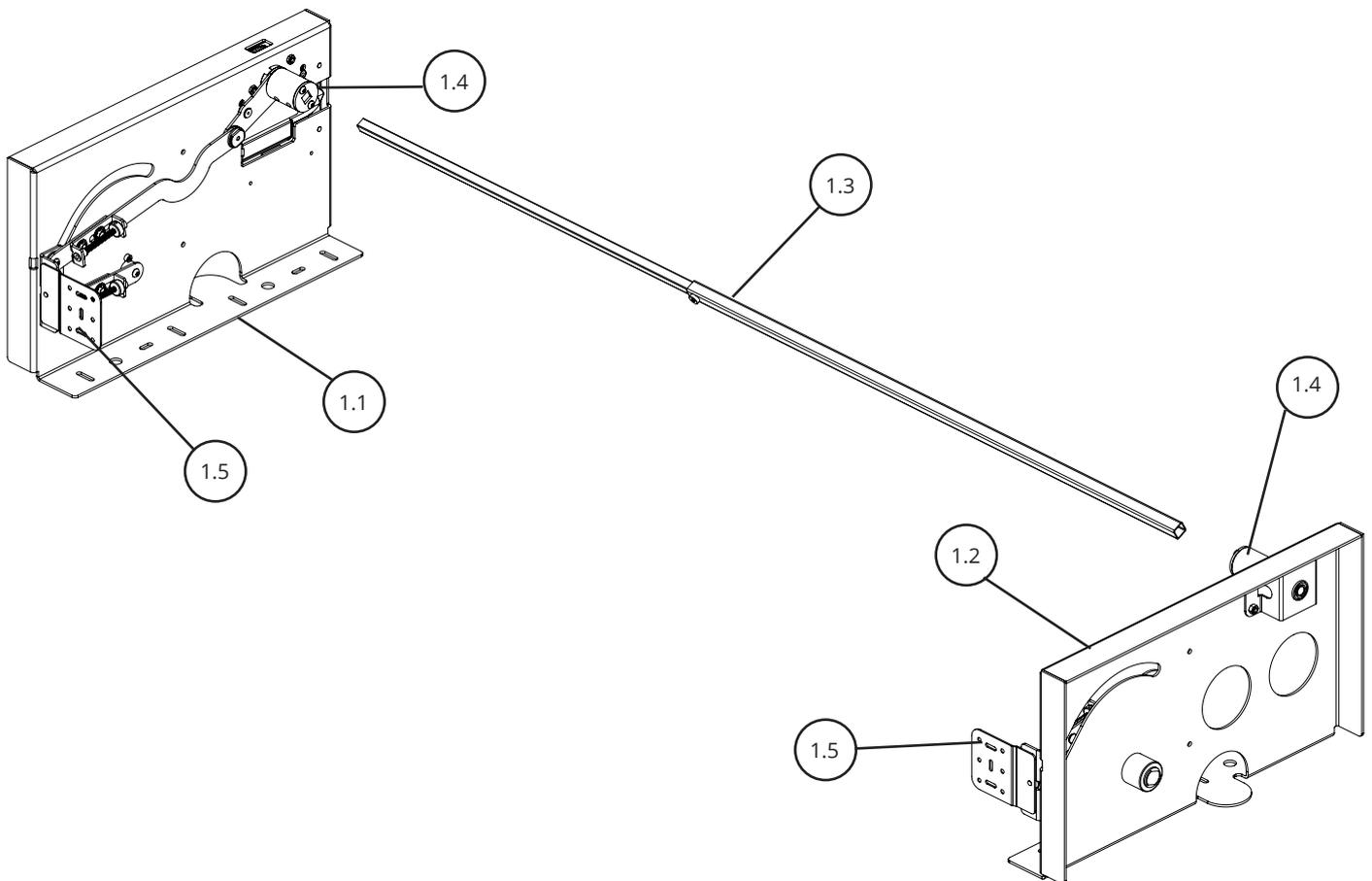
PACKAGE CONTENTS

1 - EBF

- 1.1 - DRIVE SIDE UNIT
- 1.2 - SLAVE SIDE UNIT
- 1.3 - TELESCOPIC DRIVE SHAFT
- 1.4 - LOCKING BOSSES
- 1.5 - FLAP MOUNT BRACKETS

ITEMS NOT SHOWN ON PAGE

- MULTI-PACK OF NUTS, BOLTS AND WASHERS



INITIAL OPERATION

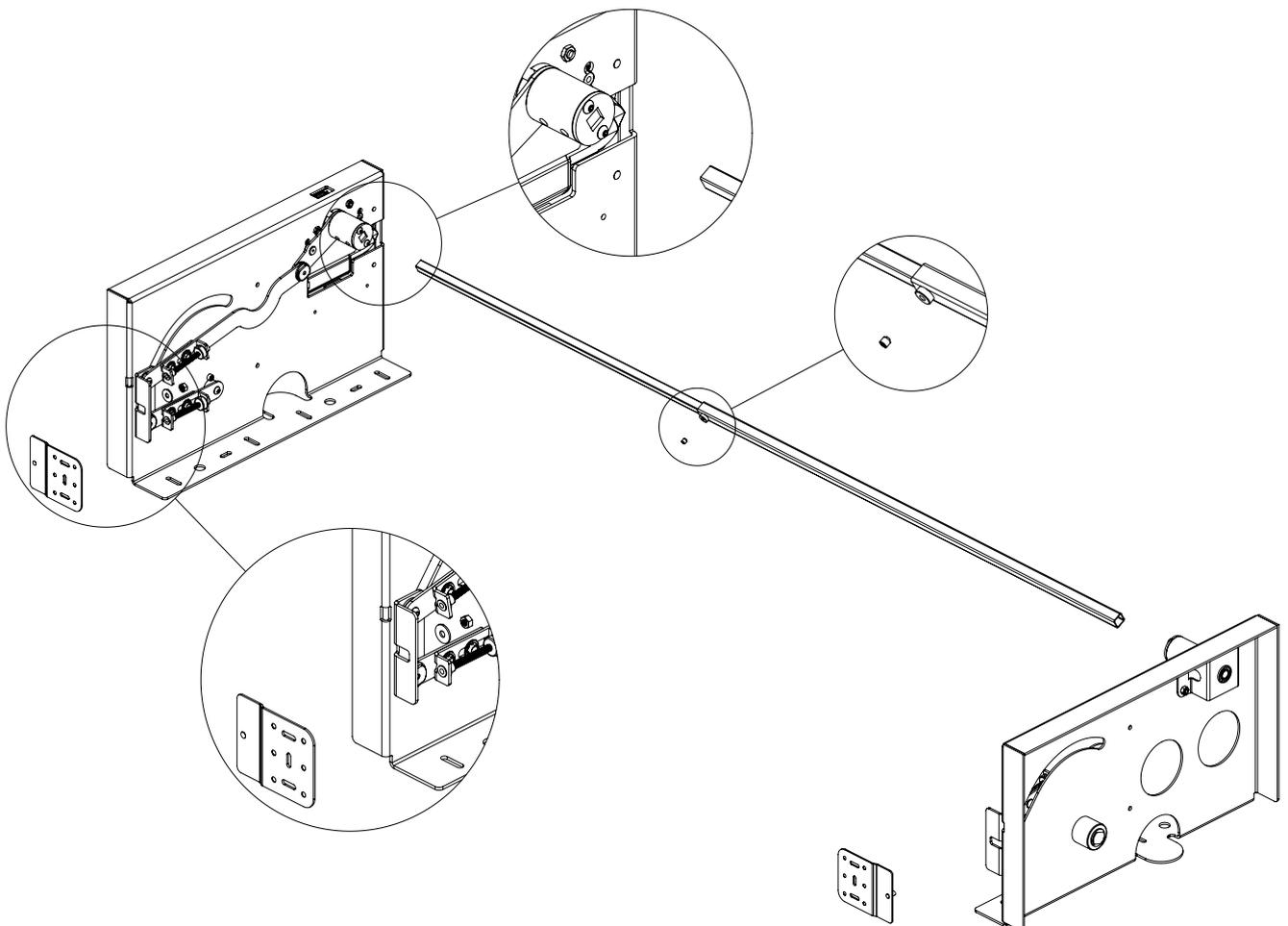
1

- Unpack and check the mechanism fully for any damage or obvious visual faults before operation.
- Remove all red cable ties on the mechanism before operation.

2

- Test the mechanism by running it fully up and down once (refer to the mechanism control section of the instructions for more details).

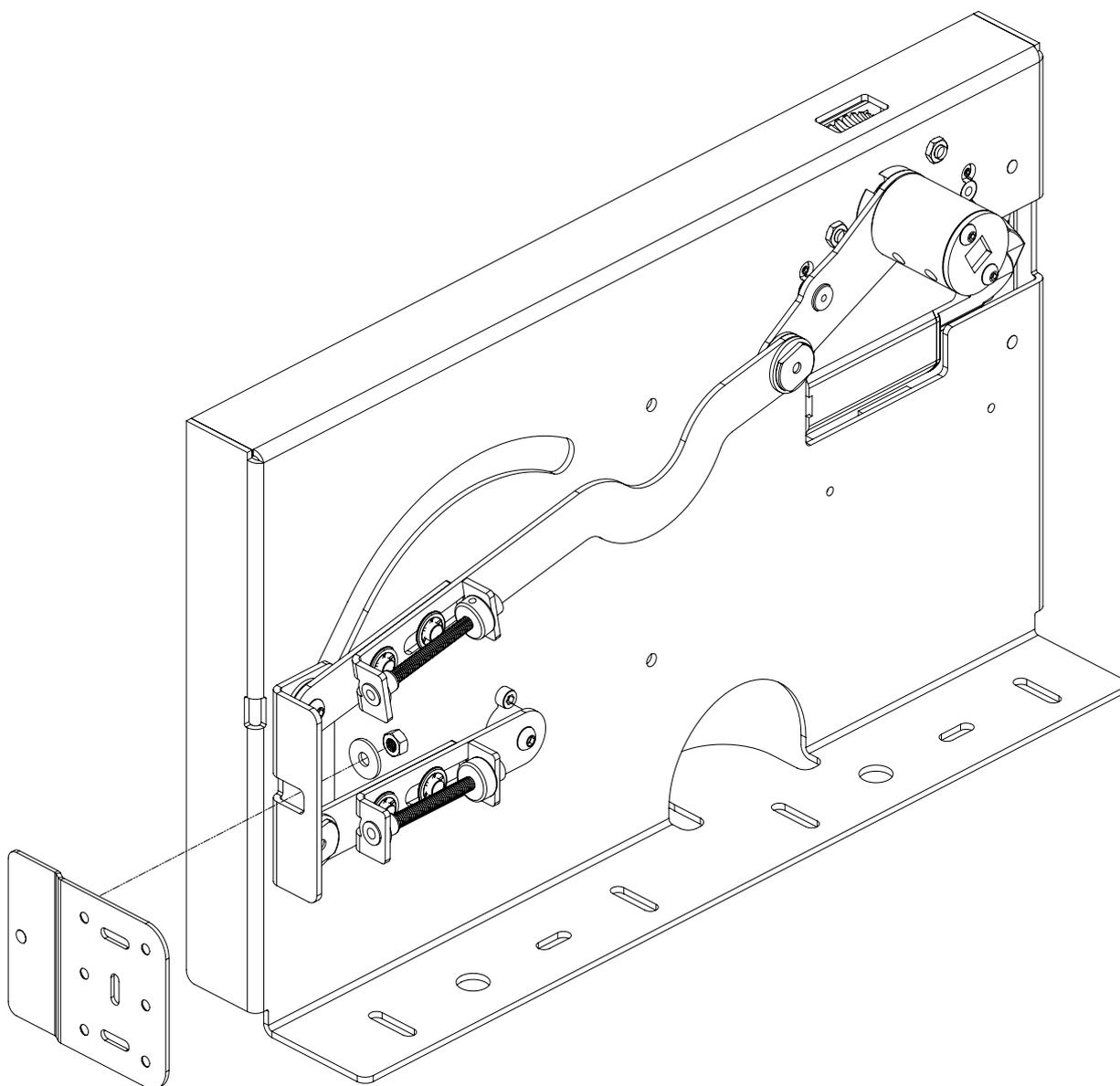
**NOTE: EBF MUST BE CONNECTED TO THE UBL/
UBLS OR IT WILL NOT OPERATE.**



ATTACHING FLAP BRACKETS

1

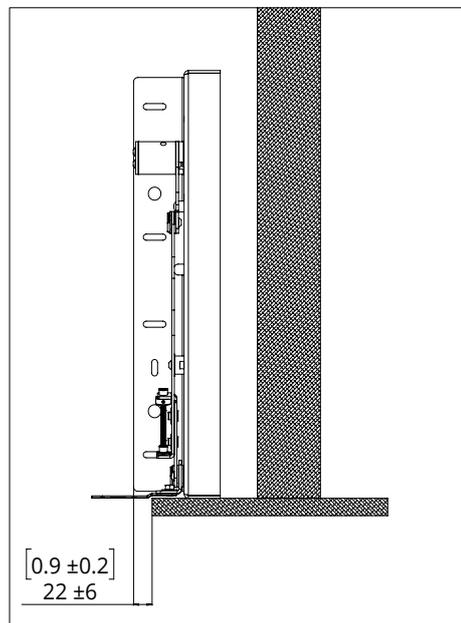
- Fix the flap mounting brackets to the drive and slave side as shown below using M6 nuts and washers.



FIXING IN PLACE

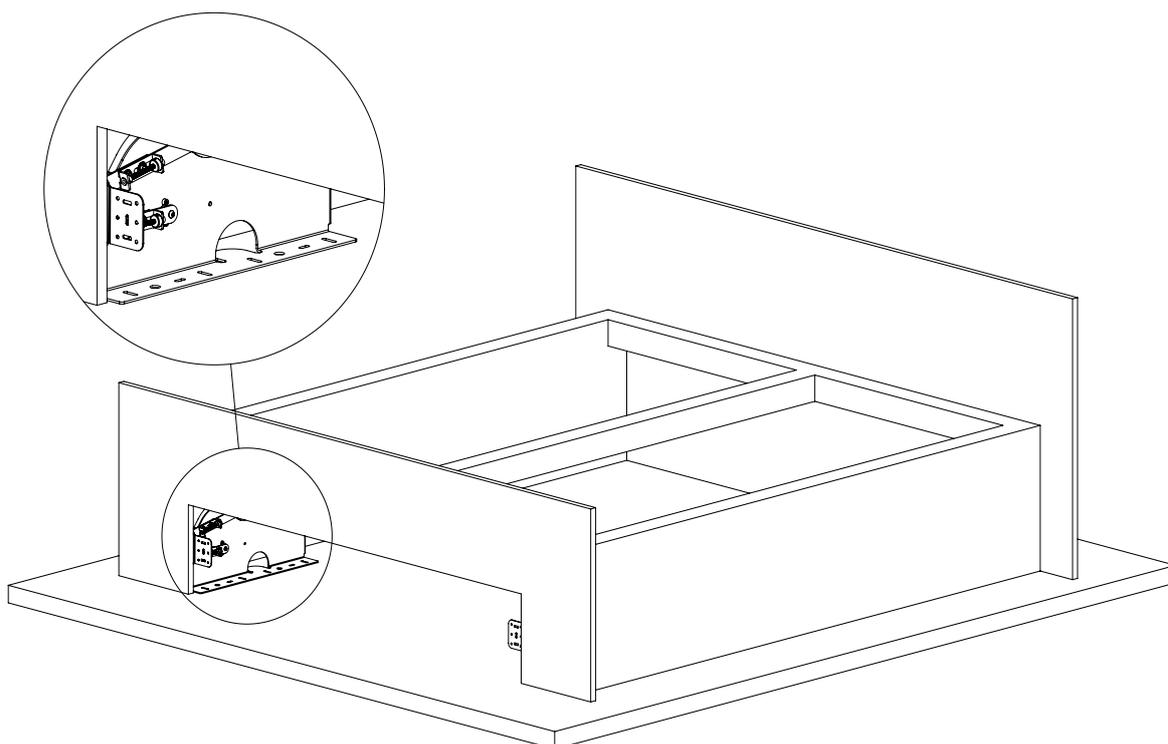
1

- Align the sides flush to the internal end of the bed.
- Ensure the sides are positioned correctly in relation to the end of bed aperture, as shown.



2

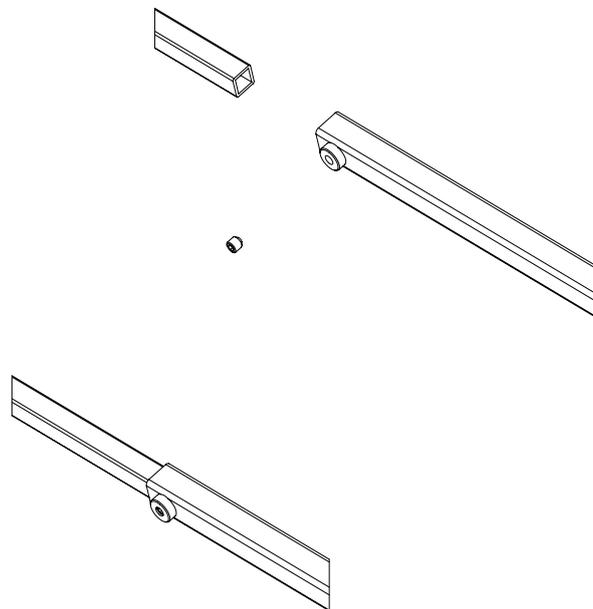
- Fix down to the floor, through the slots in the feet, using appropriate fixings.



CONNECTING THE DRIVE SHAFT

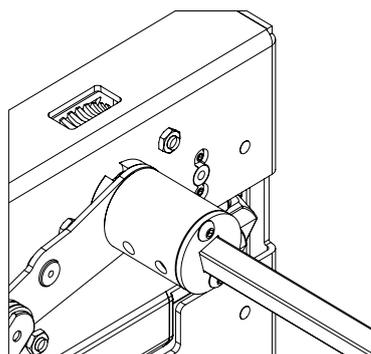
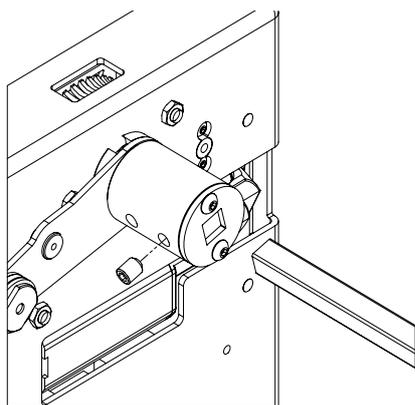
1

- To adjust the telescopic width to suit the flap loosen the grub screw and slide in or out to required length.



2

- Fix the drive shaft to the side units at both ends, ensuring the grub is tightened sufficiently

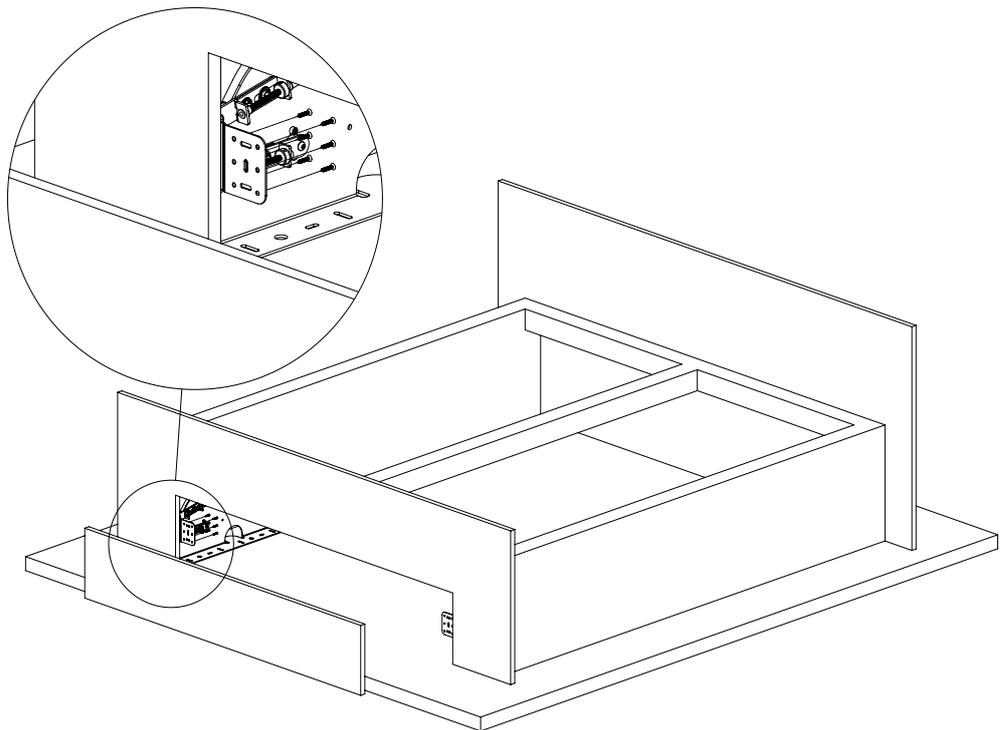


FIXING THE FLAP

1

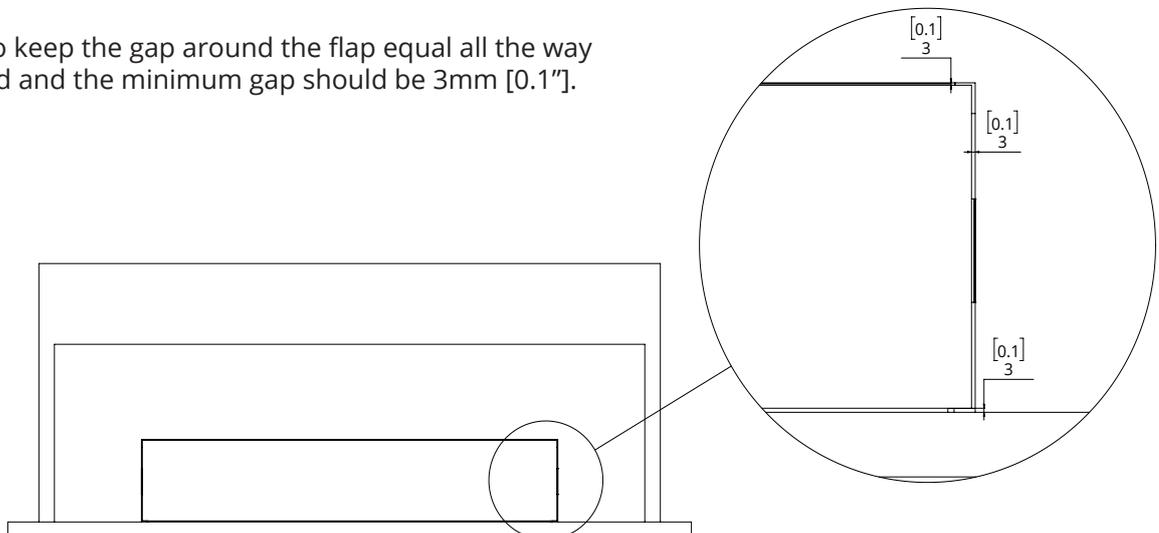
- Offer the flap into position through the bed end void and fix through the flap mount brackets on both side.

NOTE: Fix through the flap mount brackets slots first for adjustment. Once happy with the position use the counter sink holes.



2

- Try to keep the gap around the flap equal all the way round and the minimum gap should be 3mm [0.1"].

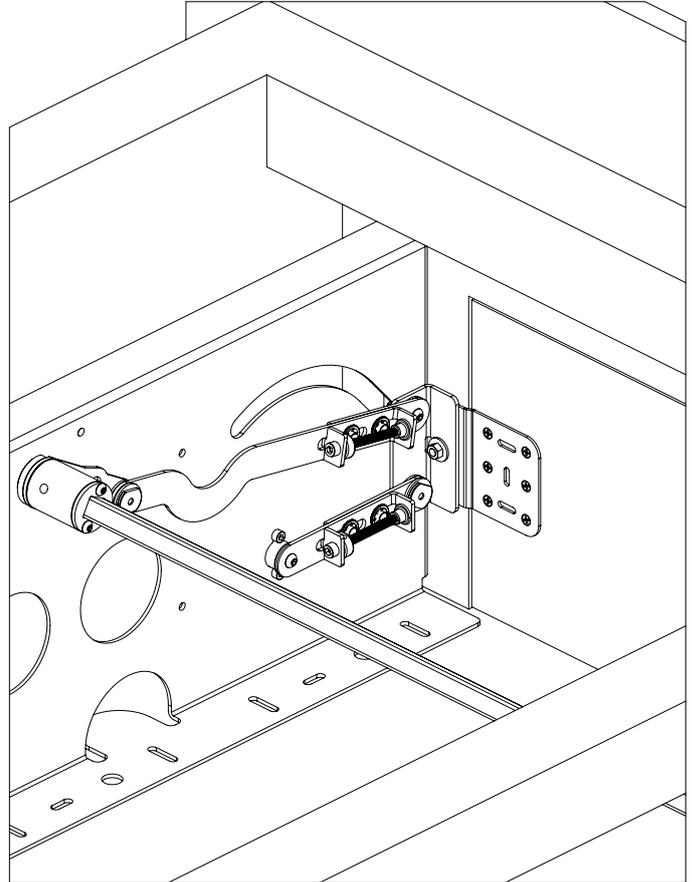


ADJUSTING THE FLAP

1

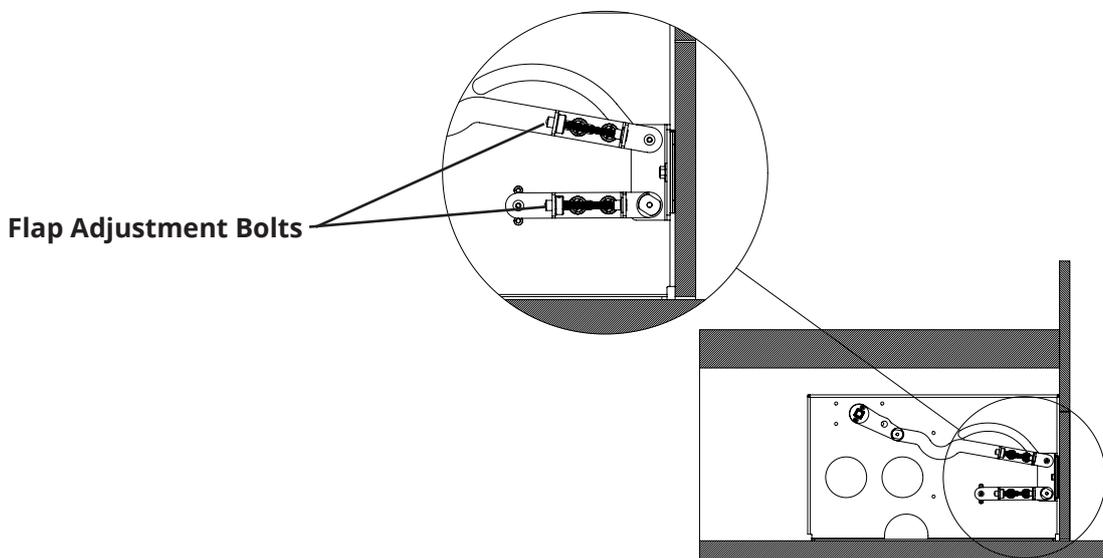
- Use the Flap Corner Adjusters on each side to push and pull the flap corners to level the flap with the footboard.
- Recommended clearance should be min 3mm [0.1"]

NOTE - These are the only adjustments available. The IN / OUT switch positions are fixed.



2

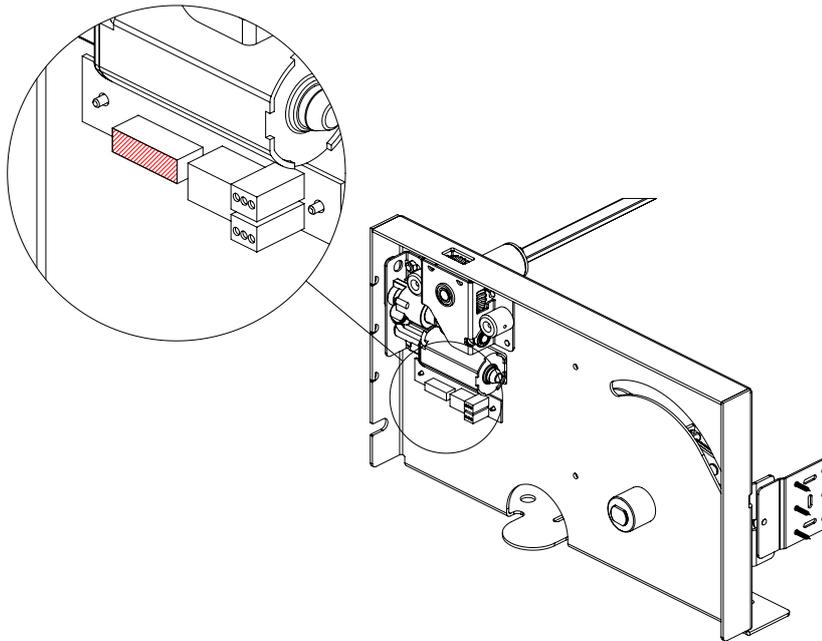
- Use a ball driver or a allen key to turn the adjustment bolts shown below.



TEST AND RUN THE FLAP

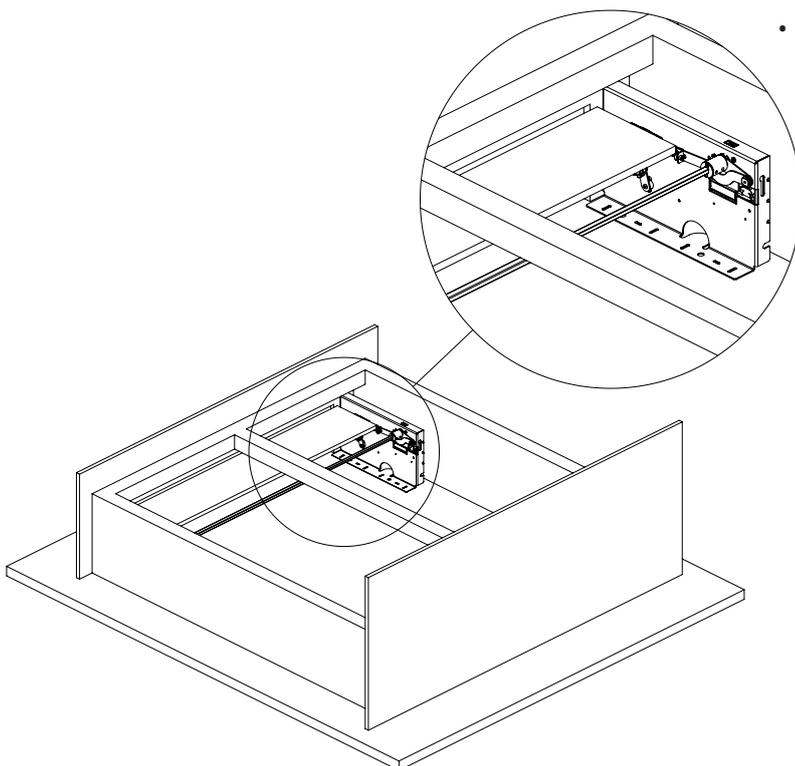
1

- Plug the wiring loom into the drive side. Shown as shaded area.



2

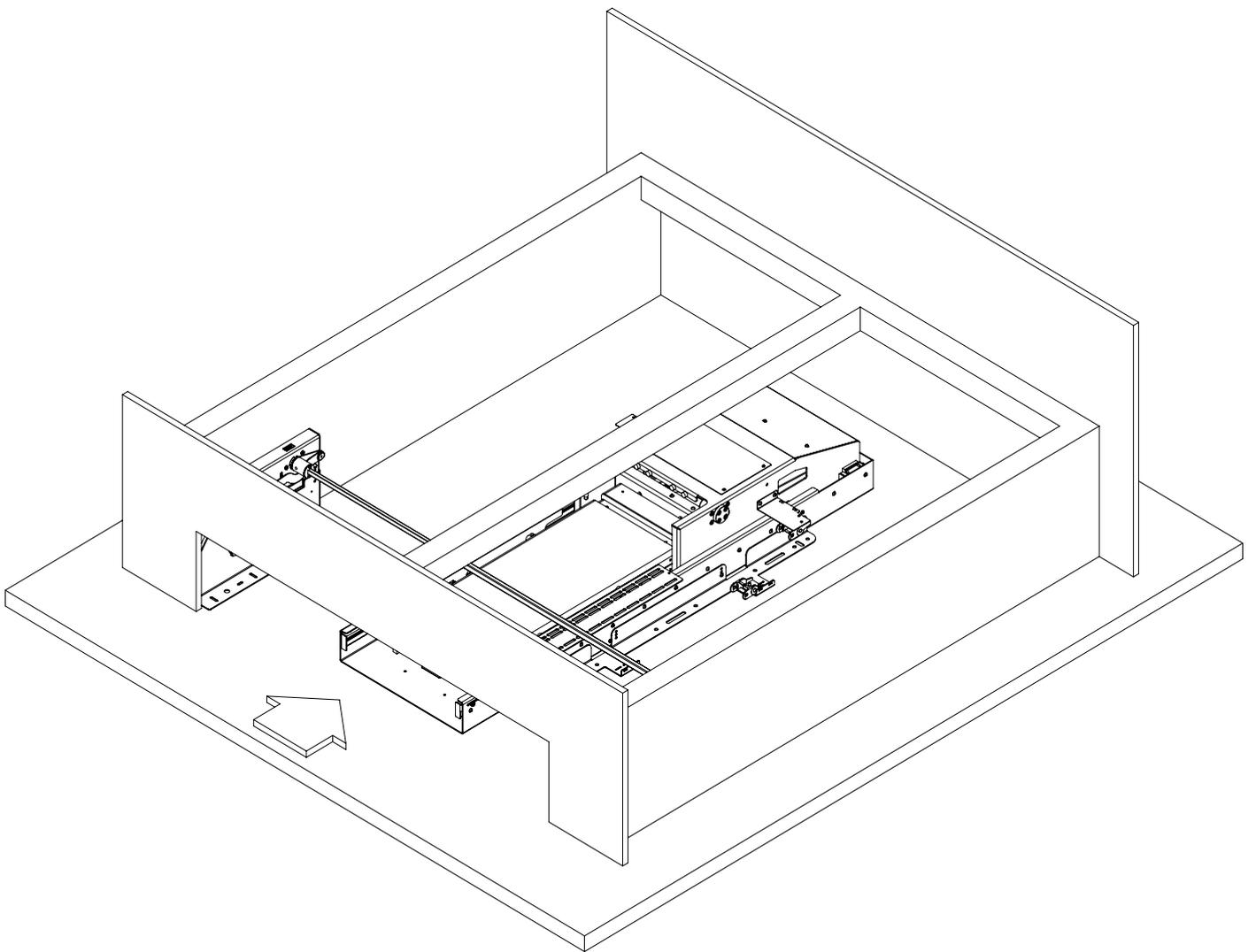
- Test the flap and make sure it runs correctly and nothing is in the path of the flap



ADDING THE UBLS/UBLS

1

- Finally slide the UBL or UBLS under the bed and fix into place using the Tech Sheet and Instructions for relevant dimensions.





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