

Foldaway Bed Frame and Cabinet Construction Guide

CM-VOBT-PART./90/140X190-JW062 CABINET INSTRUCTIONS

Page 1

The following notes are intended as a guide for the construction of cabinets to mount and accommodate the Foldaway (CMVOBT) 90/140 bed frames and mechanisms. Due to the difference in cabinet making styles and fitting techniques, it is suggested that a prototype cabinet is made using this guide, in order to tailor these instructions to suit your individual requirements.

IMPORTANT: If packaging is damaged check bed frame for any damages and all components are present. If any items are missing contact your retailer immediately.

Components List

1 X Bed frame (in 2 pieces)	2 X Bedding straps
2 X Bed frame joining bars (1 X additional on double beds)	2 X Mounting Plates + fixings
3 X Sub-frame joining bars	2 X Mechanisms
1 X Mattress support bar (2 X on double beds)	1 X Mechanism fixing kit
1 X Leg bar	2 X Wall brackets
2 X Leg ends – ‘U’ shape	

Suggested Cabinet Dimensions

1. For cabinet dimensions see the attached drawings.
2. The cabinet should be made from 18mm thick panels
3. Cabinet widths are indicated on the attached drawings and obviously vary with bed size, but the internal measurement must always be 64mm wider than the bed frame to accommodate mechanisms and mountings.

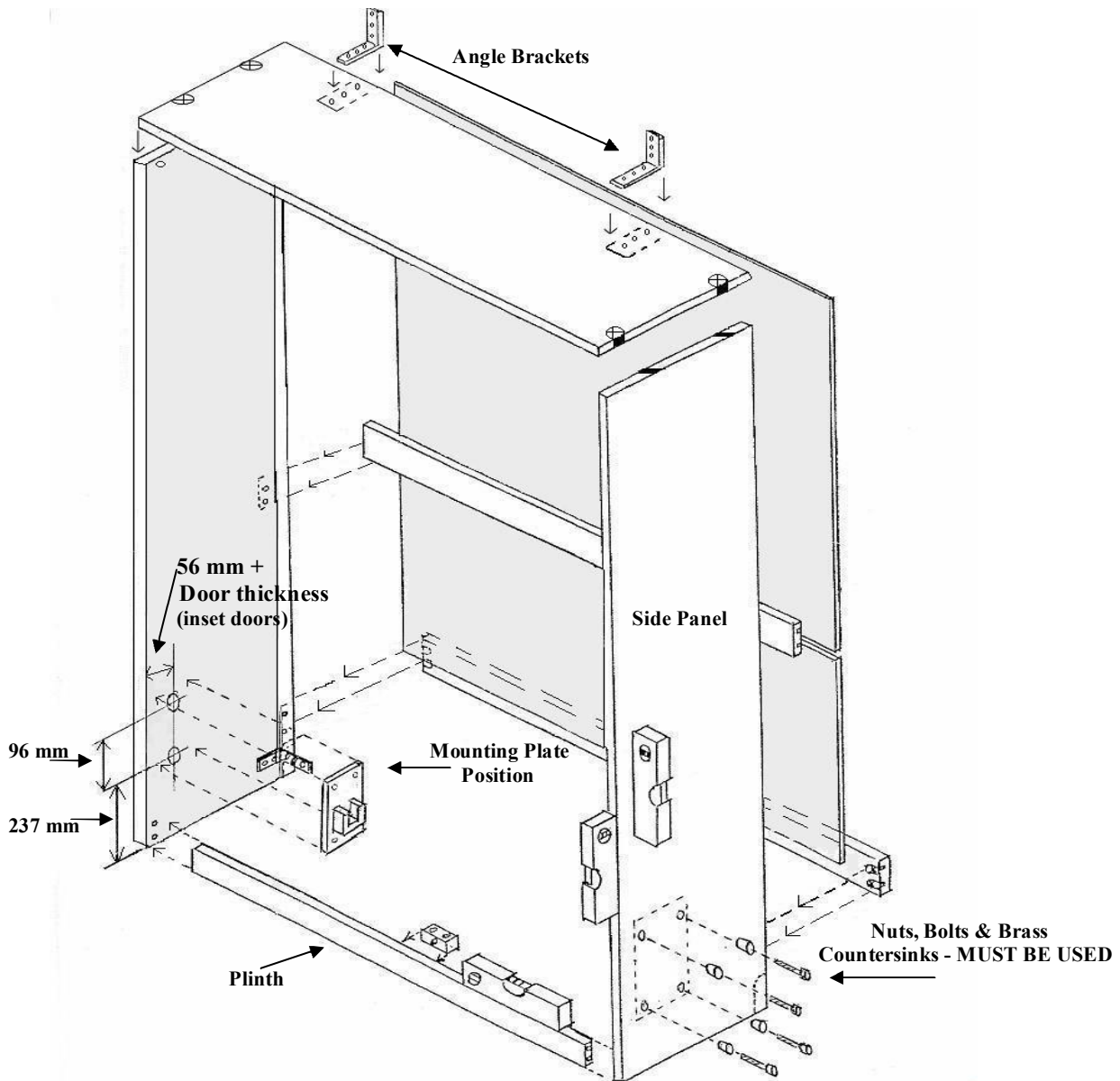
Bed Mechanism & Cabinet Assembly

1. Assemble cabinet as shown on attached drawings. We recommend inset doors, but if your cabinet is to have face fitting doors then either the lower corners of the doors or lower part of the cabinet needs to be cut away to allow the head of the bed to swing into cabinet.
2. **IMPORTANT:** Always make sure that the cabinet is securely fastened to the wall and to adjoining cabinets, if possible. **All wall bed and cabinet fixations must be regularly checked.** Face fitted doors require additional side panels for extra strength if not attached to other cabinets.
3. Mount the doors of the cabinet onto the sub frame (the underside of the bed frame). In order to position the doors on the CMVOBT system you must align them centrally in relation to the frame with the bottom of the doors flush with the bottom of sub frame.
4. The bed can now be mounted in the cabinet. The cast iron mounting plates are supplied with nuts, bolts and brass countersinks and **MUST** be used; the brass countersinks are to be set into the outside of the side panels to provide extra bearing strength - when the bed is under tension these are the points of most stress. The position of these plates in the cabinet is another important dimension (see page 2). Slacken the mechanism adjusters (anti clockwise) and ensure that the Allen bolts on the mechanisms are slackened (see page 3). Now mount the bed and headboard assembly within the cabinet. Slight adjustment of the level of the bed from left to right can be achieved with the Allen bolts in the mechanism lugs.
5. Now your cabinet is assembled and attached to the wall the headboard arrangement can be assembled. This is a simple arrangement but important for safety by stopping ‘things’ falling down behind if the bed is lifted. N.B. It may not be possible to have a headboard arrangement if you are using the minimum depth of cabinet. A board slightly higher than the mattress, chamfered at the top edge is bolted to the bed frame. The chamfered end can then be attached to another chamfered edge board with a piano hinge, allowing it to run up and down automatically (see page 6)

Adjusting the Bed Mechanism

When the bed is under tension it will hold the doors tight to the cabinet or door stops. The mattress and doors must be on the bed for adjustment. Checking the cabinet is securely fixed to the wall, adjust the mechanism with the bed slightly out (see page 3) tighten, hand tight evenly each side. Then using 24 mm socket and ratchet (or similar) tighten the mechanisms again two or three turns. The weight of the mattress and doors will determine the adjustment needed, but the aim is for smooth light action (note – sometimes springs will creak when settling).

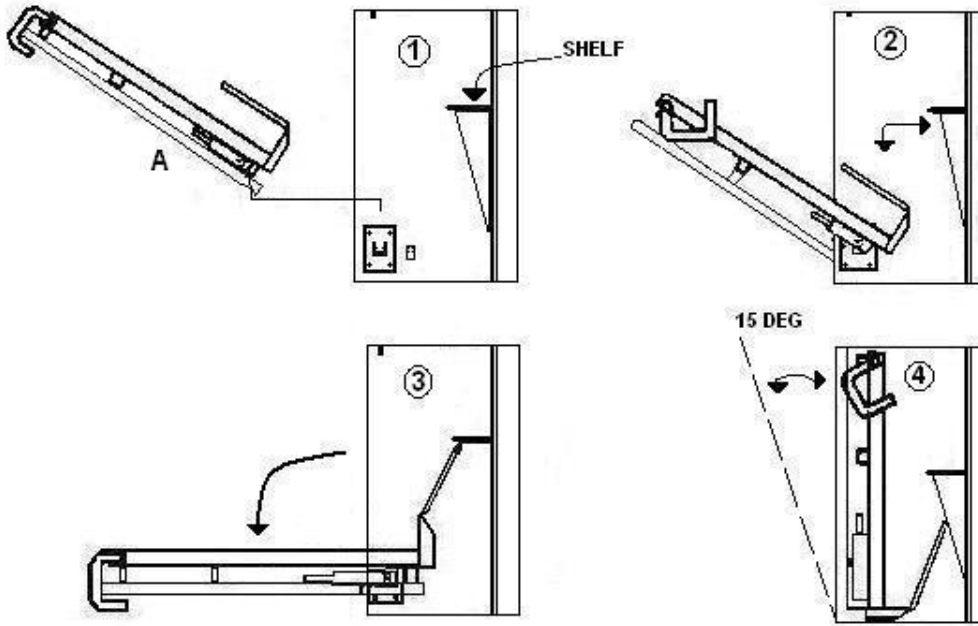
For further information, please do not hesitate to contact us on 01752 511111 or visit our web site www.hideaway.co.uk



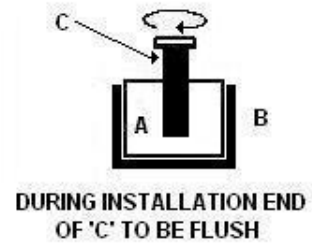
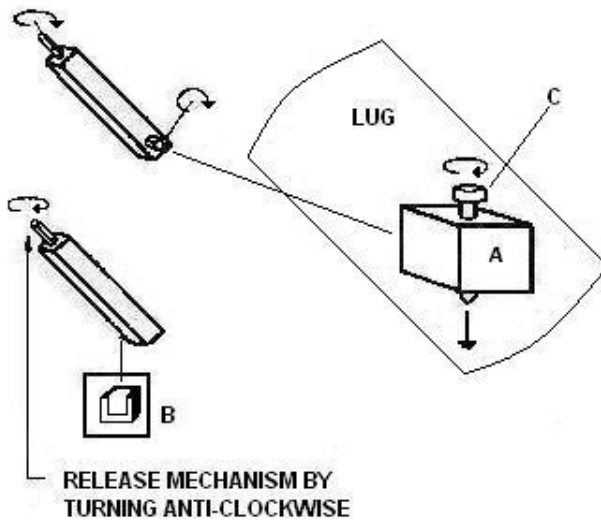
Please note all dimensions are in **MM** and the 140 cm bed dimensions in brackets – not to scale

- Overall Height 2010
- Minimum cabinet depth 500
- Door panel(s) 1880 x 960 (1460)
- Plinth 100 mm
- Internal cabinet width 964 (1464)
- Use level to square the cabinet(s)

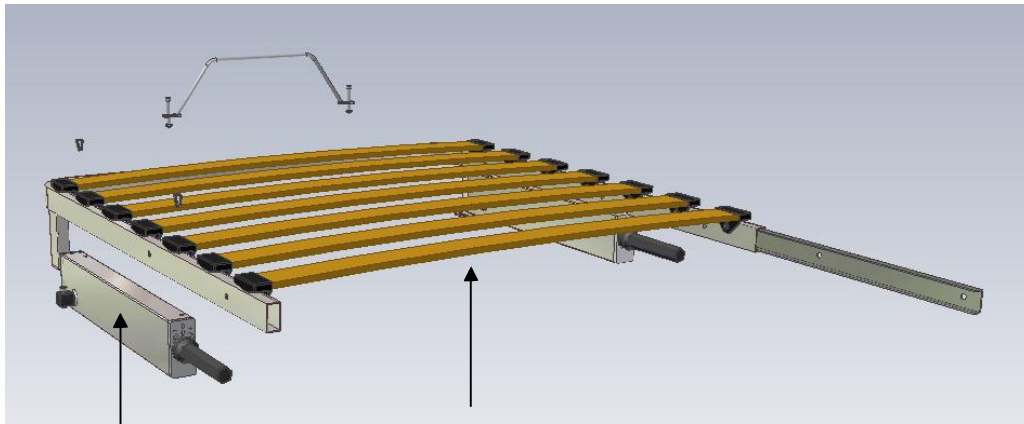
Please note these are guidelines only



TENSION MECHANISM AT APPROXIMATELY 15 DEG ANGLE -
MATTRESS & DOOR MUST BE ON THE BED

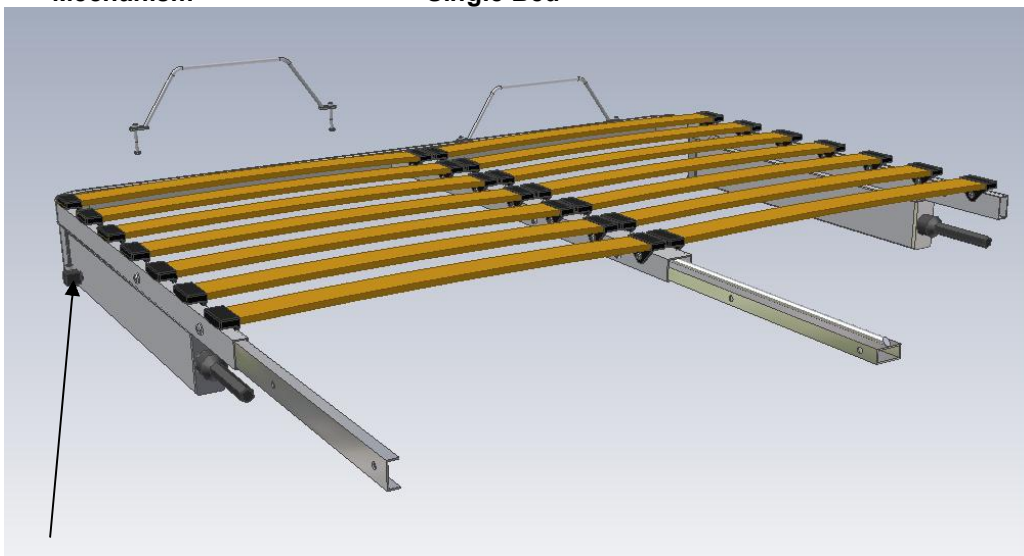


PLEASE NOTE CABINET MUST BE SECURELY FIXED TO THE WALL -
THESE DRAWINGS ARE GUIDES ONLY

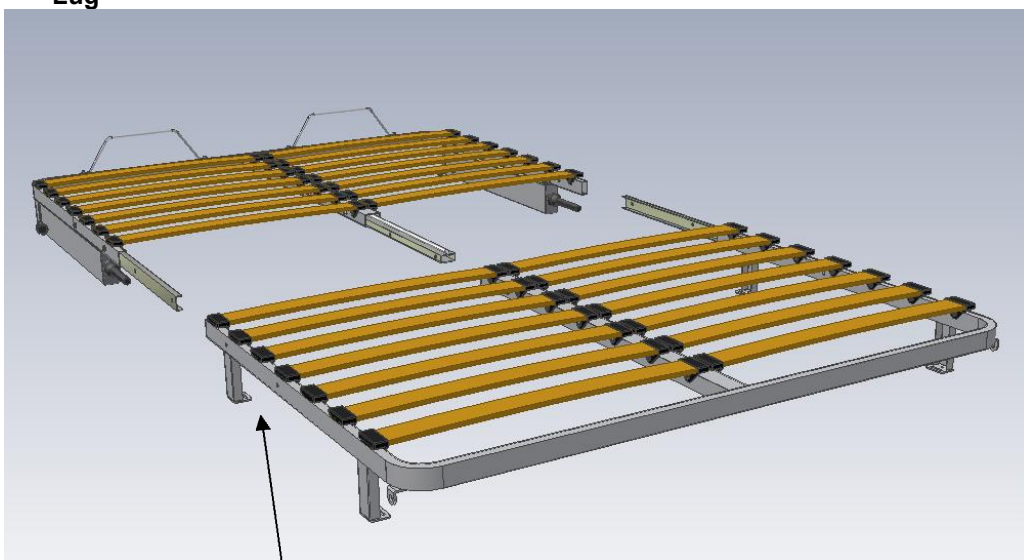


Mechanism

Single Bed

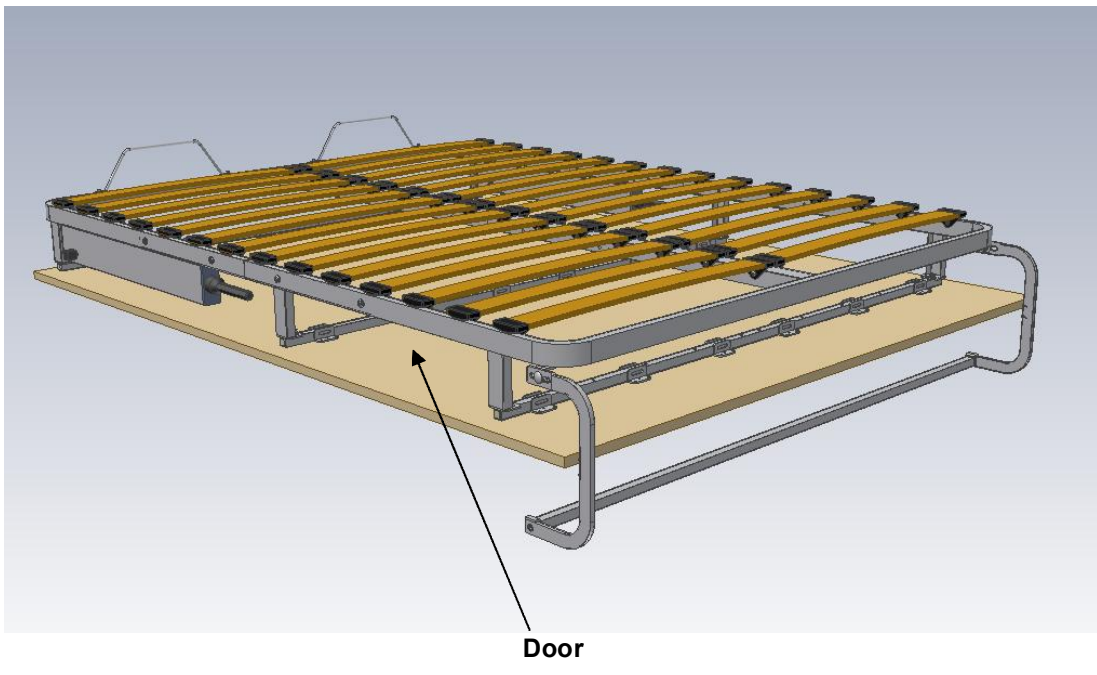
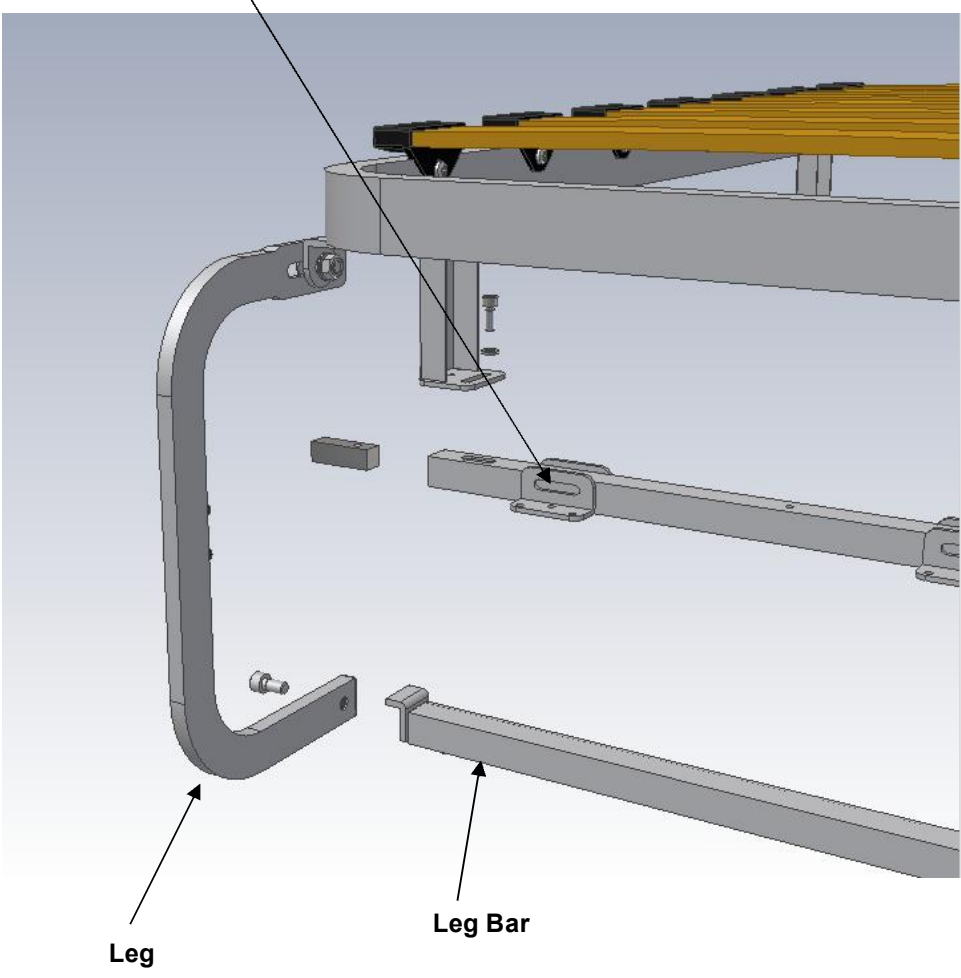


Lug



Double Bed

Joining Bars for Door(s)



HEADBOARD ARRANGEMENT FOR AN INTEGRATED CABINET

Please note headboard arrangement and fixings are not supplied. The headboard arrangement is intended as a guide based on our suggested cabinet depth – see page 2. Headboard dimensions are noted below (double dimensions in brackets).

All bed frames are supplied with mattress support bars (A) but these are to be disregarded where a headboard will be in use – **please retain the Allen bolts and nuts for re-use.**

The bed frame will need to be held at the foot end in the horizontal position by another person whilst attaching the headboard arrangement and the smaller panel (B) of the preassembled headboard is to be bolted to the bed frame head therefore remove some of the slats at the head of the bed to allow better access for this.

Suggested method:

Place the headboard into the position shown (the angled cut at the back). Align the headboard (C) with the cabinet sides with a 1 mm gap each side. Clamp the small panel (B) to the head of the bed-frame so the bottom edge of the panel is in line with the bottom edge of the bed-frame. Drill through the metal bed-frame and headboard panel with a 6 mm metal drill. Push the Allen bolts through the holes and place a penny washer behind the headboard panel and tighten the 10 mm nut onto the back. Replace the bedding slats and test to sure free movement when folding the bed.

