

THE MAYO MATTRESS FITTING PROCEDURE

1. SITE SAFETY ASSESSMENT – ENSURE WORK SPACE IS SAFE

- A. Shed access – is the entrance clear and easily accessible free from trip hazards?
- B. If animals are in the shed – create clear working section by barricading the cows
- C. Is there sufficient lighting to begin?
- D. Ensure there are no leads on the ground or near livestock
- E. Ensure 240V cables are dry at all times
- F. What volume of moving traffic will be around workspace while you are there?
- G. Any under-concrete pipes or wiring that may be in workspace?

2. MATTRESS FITTING

- A. Measure width of all cubicles
- B. Cut mattresses to size as required **if you have not given Mayo your cubicle centre to centres** in which case we will have already done it for you (2" less than cubicle centre to centre measurement is the width your mattresses should be)
 - i. **TAKE EXTREME CAUTION WHEN CUTTING MATTRESSES**
 - ii. Check blades & cutter functioning correctly before using on mats
 - iii. Cut on a flat stable surface
 - iv. Always cut away from the body
- C. Lay the mattresses
 - i. Ensure correct lifting procedure used to carry Mattresses (bend at knees putting as little strain on back as possible)
 - ii. Ensure the Mattresses are all in perfect position before proceeding to fitting
 - iii. They should be laid 2.25" (60mm) in from the heel stone & have 2" (50mm) in between each one under cubicle loop (Figure A)
 - iv. Always follow the heel stone for the 2.25" / 60mm gap regardless of how this looks when finished

D. Lay out all strips (if strips not required skip to F, if brisket board & strips not required skip to I)

- i. Ensure strip is centred over the gap between Mattresses
- ii. Ensure strip is directly under cubicle loop
- iii. Ensure strip is snug against back corners of the mattresses (Figure B)

E. Strip Fixing

- i. Drill the first hole closest to the heel stone and tighten the frame fixing in well using 10mm drill bit.
- ii. Ensure top of strip is still centred between the Mattresses and that both Mattresses are still straight in the cubicle bed
- iii. Drill the 4 remaining holes.
- iv. The strip should be tightened so that the edge is 2-3mm sunk into the Mattress. 3mm is maximum
- v. Repeat for all strips (skip to G)

F. IF STRIPS ARE NOT REQUIRED

- i. 8mm hammer fixing & washer required in the right-hand corner of every Mattress underneath the brisket board
- ii. It should be placed 70" in from the heel stone & 4" in from the edge of the Mattress
- iii. Drill an 8mm hole using 8mm masonry bit through Mattress & 2.5" into the concrete
- iv. Place washer on the fixing
- v. Hammer the fixing into the hole until it is 3-4mm counter sunk into the Mattress

G. Brisket Board Fixing (3" X 3" Chamfered edge) (If brisket board not required skip to H)

- i. Lay out brisket board alongside the heel stone on the passage way
- ii. Ensure the **two** chamfered (slightly rounded) edges are facing up
- iii. Using a 32mm wood-bit, drill a hole in the centre of your cubicle space through the brisket board (30mm deep)
- iv. Where the lengths of brisket board meet, 1 additional bolt is required in each end to secure in place so an additional 32mm wide & 30mm deep hole is required at each end
- v. Once the lengths are counter sunk 30mm with 32mm bit, drill straight through each bore to the concrete with a 16mm wood bit.
- vi. Place the brisket board onto the mattresses 69" from the heel stone to the heel stone facing edge of the brisket board
- vii. Using a 16mm masonry bit, drill 16mm hole into concrete ensuring it goes at least 3" into the concrete (from the underside of the mattress) (Figure D)

- viii. **Place 16mm sleeve anchor bolt into this hole as you go along (as failure to do so could result in dust & particles clogging up the drilled hole preventing the bolt from being securely fixed into that hole & another having to be drilled)**
- ix. Drill all the ends of the brisket board using the above procedure first to ensure the brisket board does not move
- x. Drill all the remaining holes
- xi. Tighten all of the sleeve anchor bolts
- xii. If any threads are showing above brisket board after tightening, cut them down flush with the brisket board using a grinder **(!!! ensure safety goggles are worn if this step is required to be performed)**
- xiii. **Ensure the warm cut off piece does not fall onto mattresses as it will burn them**

H. IF BRISKET BOARD NOT REQUIRED

- i. Once strips fitted, 3 hammer fixings and washers to be fit at the top of the mattress where the brisket board would have been
- ii. The two corner fixings should be placed 4" (100mm) in from side edge of the mat & 4" (100mm) down from the top edge of the mat. The middle fixing should be in the centre between the two corner fixings 4" (100mm) down from the top edge of the mat.
- iii. Using an 8mm masonry bit, drill the three holes through the mattress & 2.5" into the concrete
- iv. Place the washer on the fixing & hammer into place
- v. Repeat for all three until they are 3-4mm counter sunk into the Mattress (Figure C)

I. IF STRIPS AND BRISKET BOARD NOT REQUIRED

- i. 3 hammer fixings and washers to be fit at the top of the Mattress where the brisket board would have been
- ii. The two corner fixings should be placed 4" (100mm) in from side edge of the mat & 4" (100mm) down from the top edge of the mat. The middle fixing should be in the centre between the two corner fixings 4" (100mm) down from the top edge of the mat.
- iii. Using an 8mm masonry bit, drill the three holes through the Mattress & 2.5" into the concrete
- iv. Place the washer on the fixing & hammer into place
- v. Repeat for all three until they are 3-4mm counter sunk into the Mattress (Figure E)

Call us at 01704 821717 or 0777 8858925 with any questions or concerns

Thank you for choosing Mayo!

Fixings referenced



FIGURE A: Lay the Mattresses

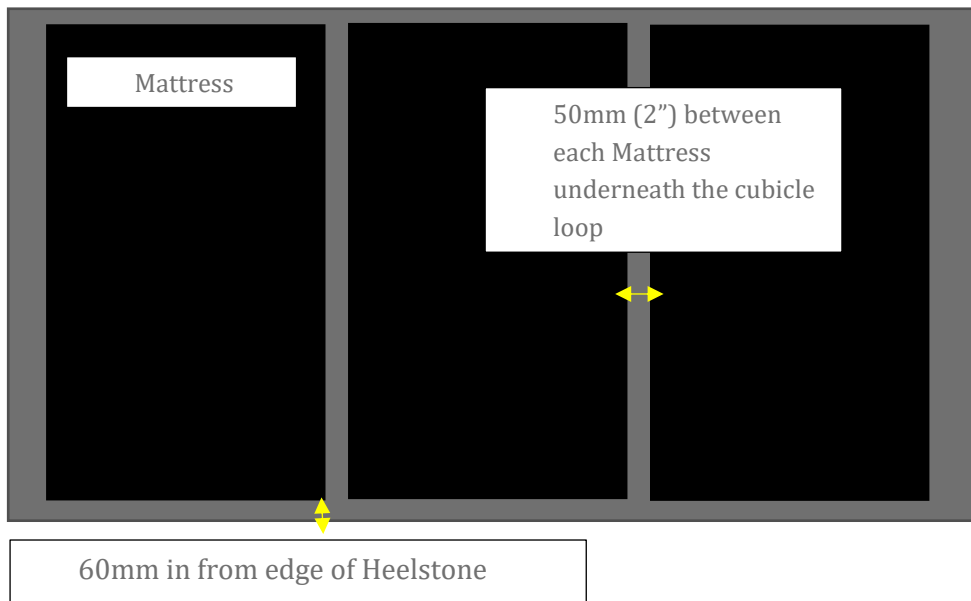


Figure B: Lay the Strips

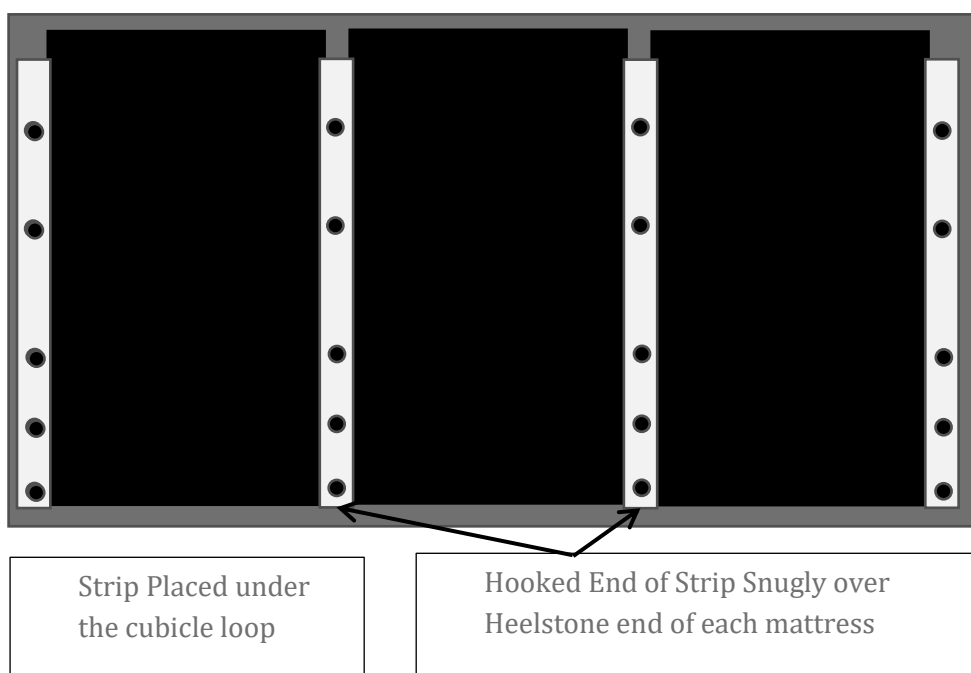
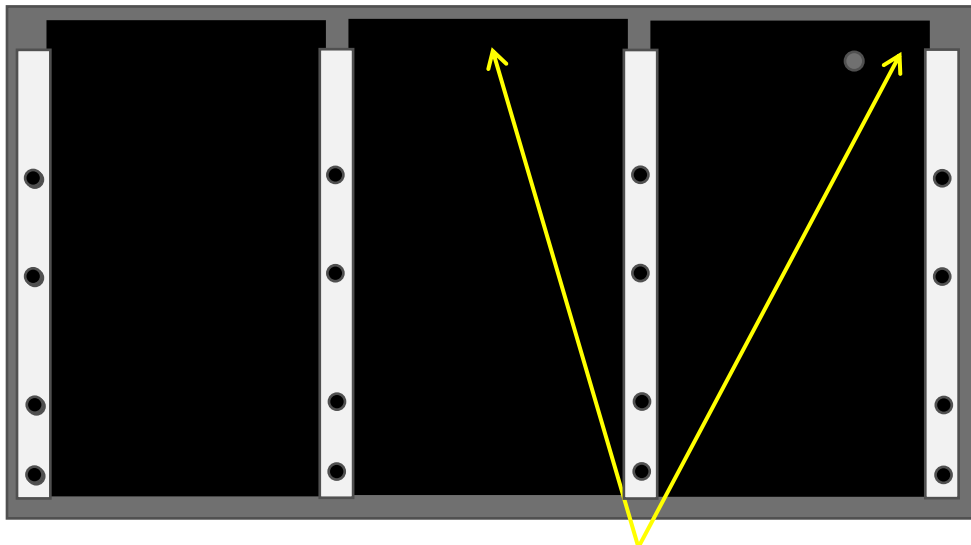
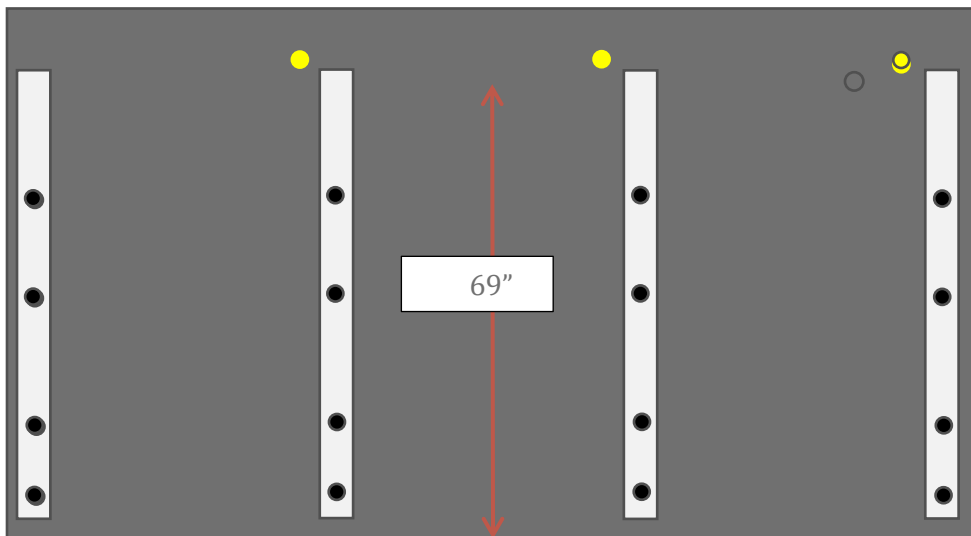


Figure C: Fitting with Hammer Fixings & Strips



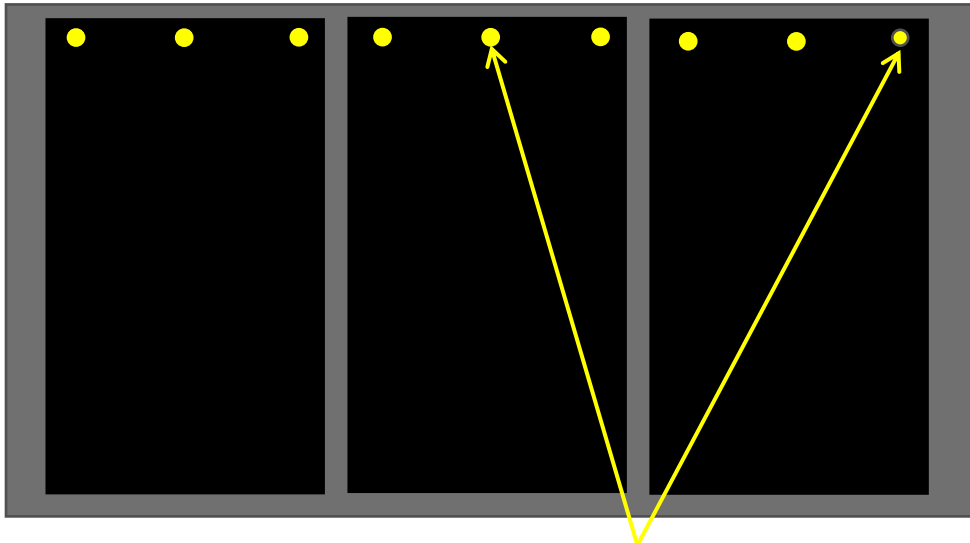
Hammer Fixing & Washer 4" in from each side and one in the middle & 70" in from Heelstone

Figure D: Fitting with Brisket Board & Strips

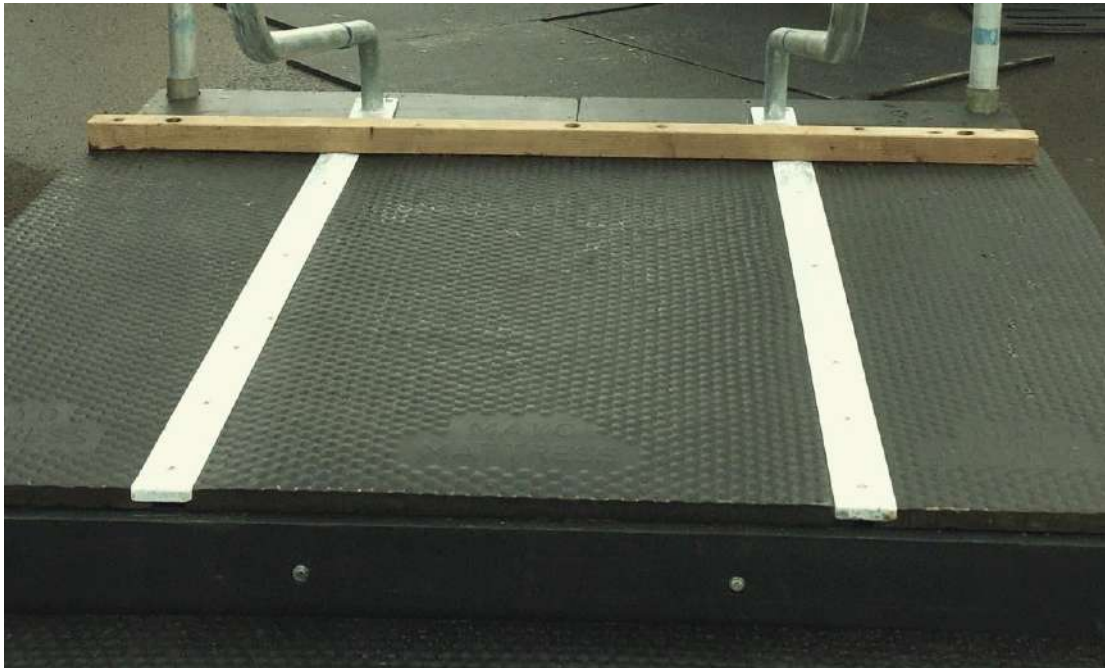


69" from Heelstone to heelstone edge of brisket board is recommended. The brisket board is a guide for your cow to position herself not too far into the bed that she compromises lunge space and dirties the bed. Brisket board will be on top of the top of the strip by about 15mm

Figure E: Fitting with Hammer Fixings Only



Hammer Fixing & Washer 4" in from each side and one in the middle, 70" in from Heelstone



To view video instructions fitting the Mayo Joining Strip and the Brisket Board please take a look at our videos.

[View Videos](#)