

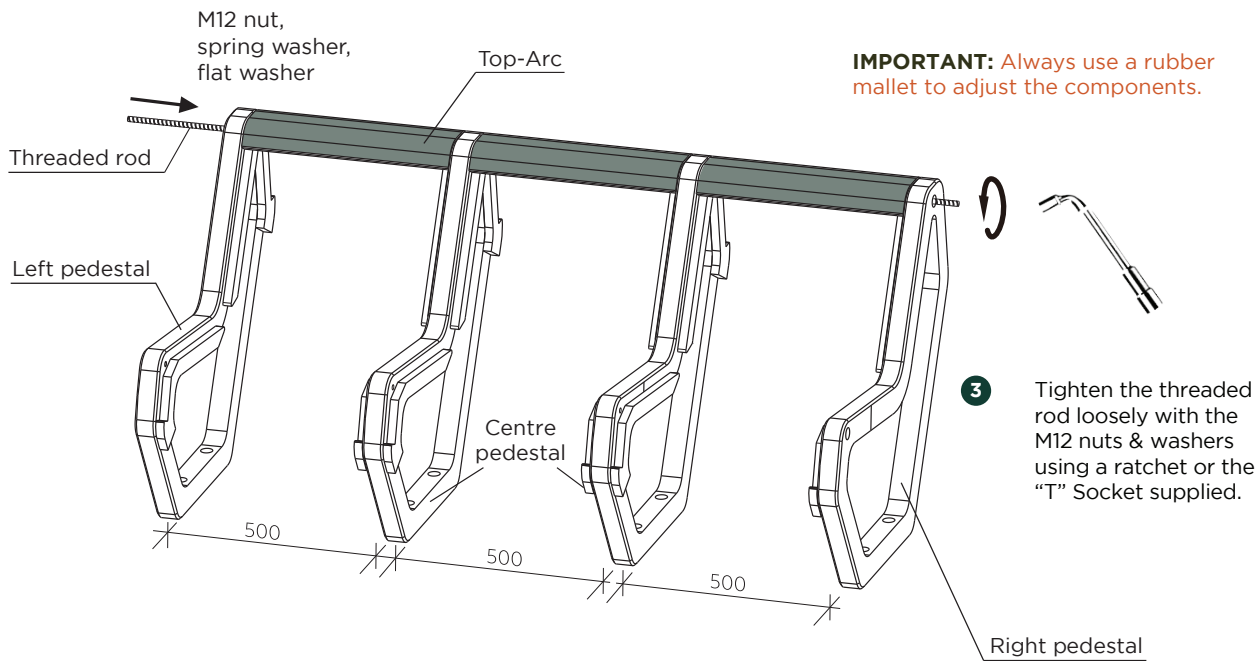
The BANCO street benches come in two models, the BR (with backrests) and SS (without backrests). Like most street benches, the BANCO models are designed to be installed outdoors permanently. It is essential that the site is well prepared prior to any bench installation.

Preparation

- 1 Unpack all the components and arrange them accordingly, as shown in illustrations below.
- 2 Prepare all necessary tools in advance.

1
BENCH PEDESTALS & TOP-ARC PLACEMENT

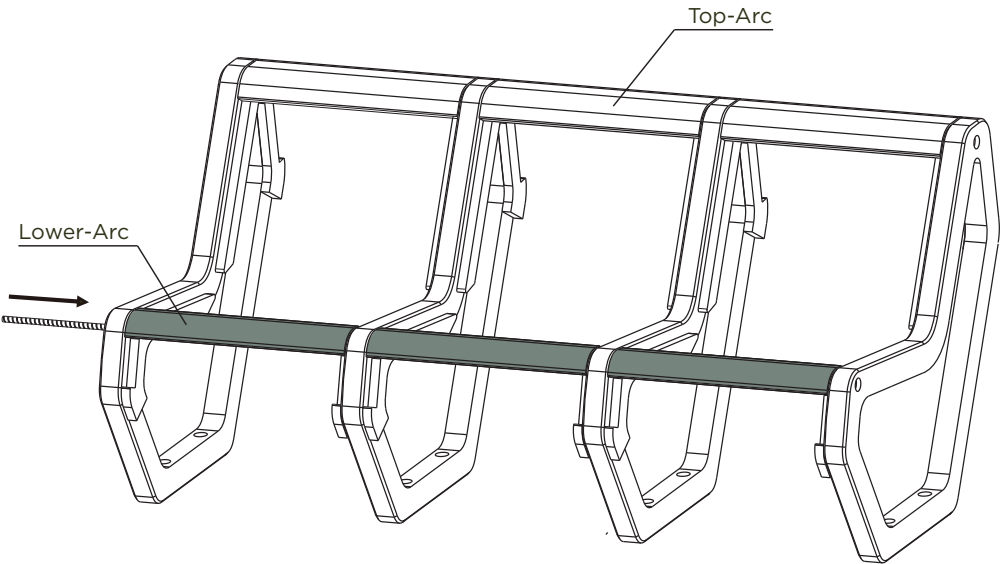
- 1 Assemble all the bench pedestals with Top-Arc first, followed by Lower-Arc, and the Centre-Arc.



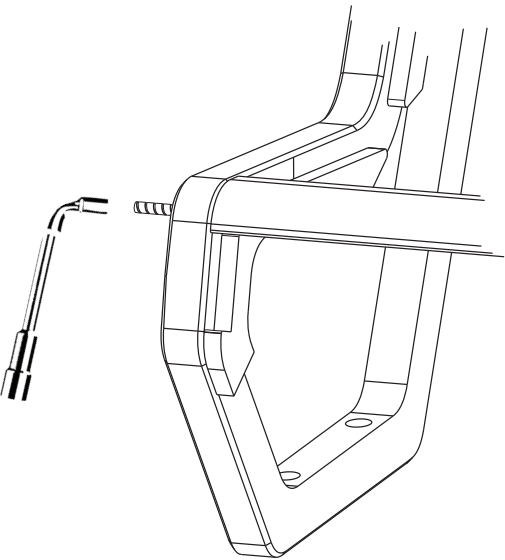
- 2 Place the left pedestal and centre pedestal upright about 500mm away from each other. Hold the pedestals with the Top-Arc and pull through the threaded rod slowly.

2
LOWER-ARC PLACEMENT

- 4 Place the Lower-Arc in position and pull through the next threaded rod as previously done on the Top-Arc.



- 5 Tighten the threaded rods loosely with the M12 nuts, spring washers, and flat washers to square up the entire skeleton unit as required.

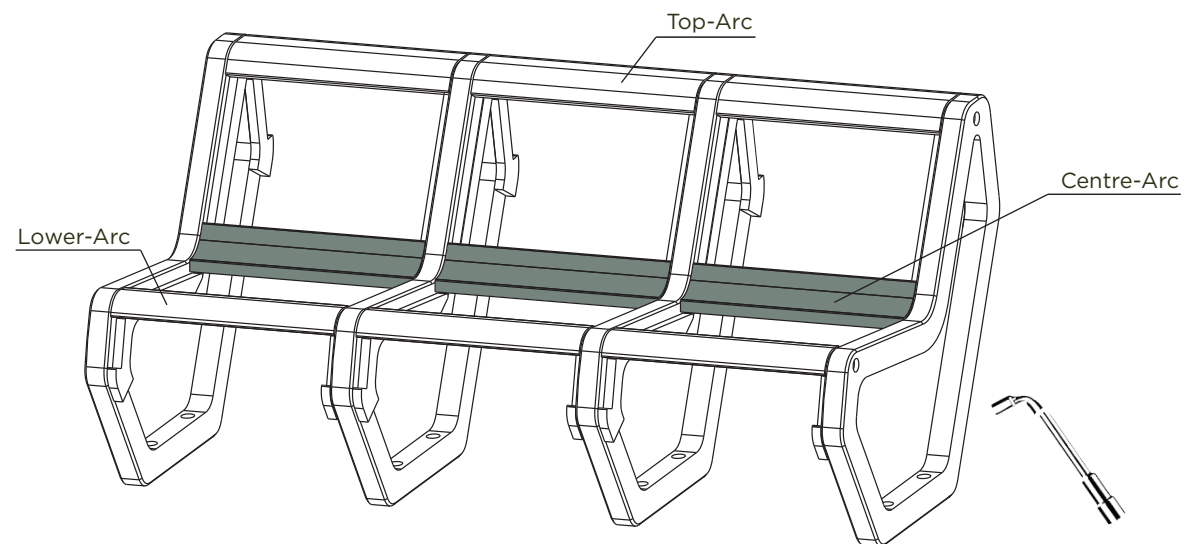


3

CENTRE-ARC PLACEMENT & POSITIONING

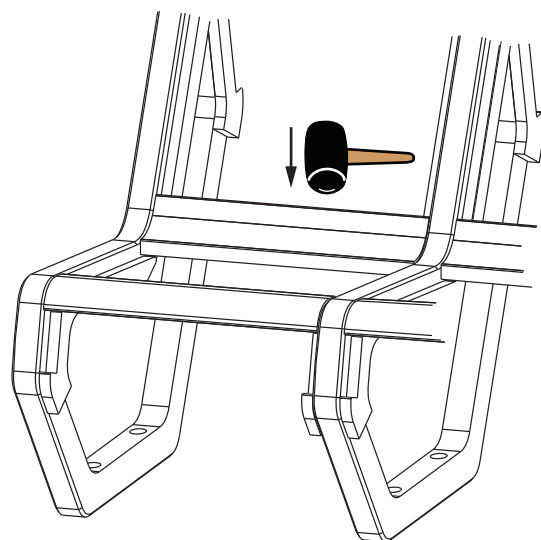
6

Place all the Centre-Arc components in position over the placed pedestals.



7

Once their alignment is fixed, tighten the threaded rods to square-up the entire skeleton unit. Doing this determines the floor mounting position.



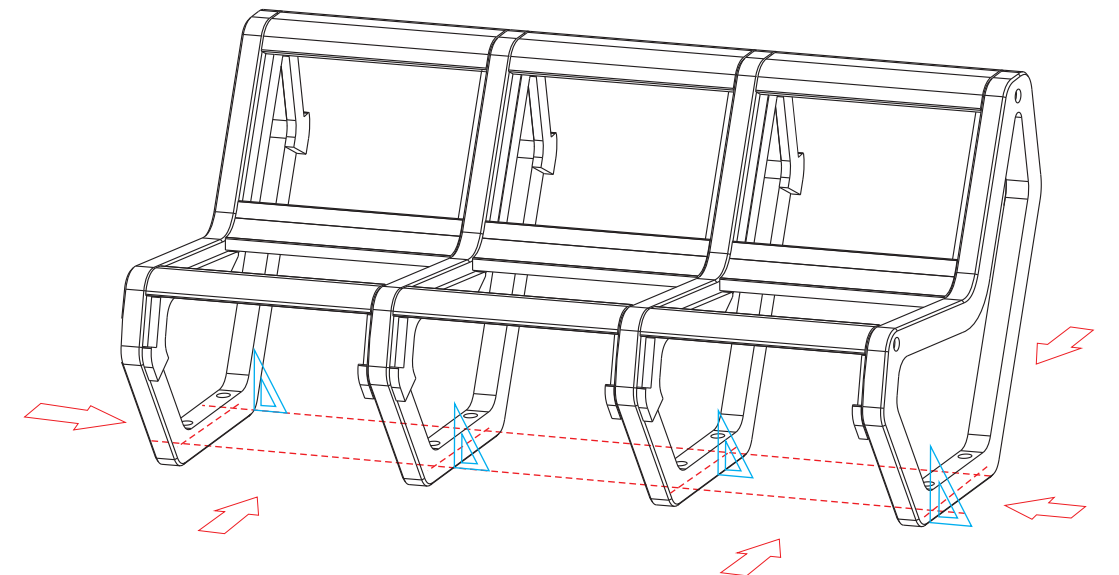
IMPORTANT: Always use the rubber mallet to reposition the components before tightening.

4

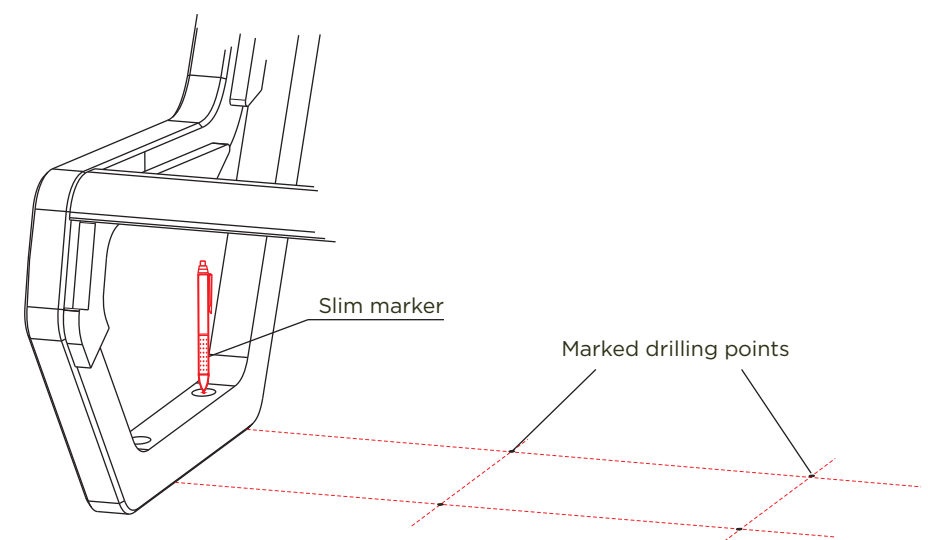
DRILL-POINT MARKING

8

Carry the skeleton unit by slowly sliding it to the required position. Do not lift the skeleton unit high as that may damage the components.



IMPORTANT: Use a set square or a try square to check the perpendicularity of all the pedestals.

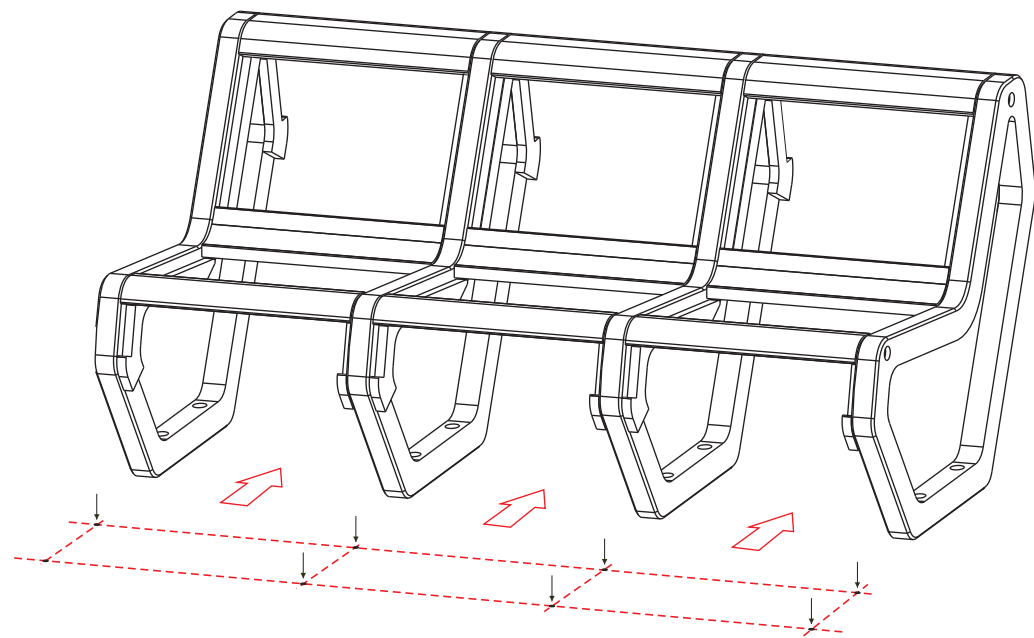


9

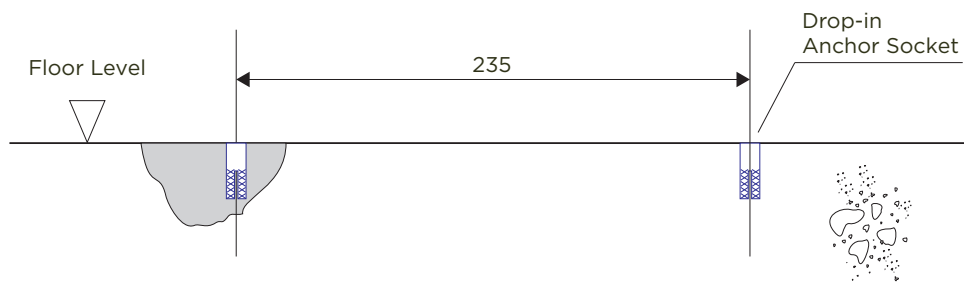
Once the skeleton unit is in position, tighten all the threaded rods. Use a slim marker to mark out the drilling points as required.

5
DRILLING ON DRILL
POINTS

10 Shift the skeleton away from the drilling points so that it does not get in the way.



11 Set the concrete hand-drill with the right drilling bit for an M8 socket and proceed to drill the drill-points with the depth not exceeding 30mm (length of M8 socket).



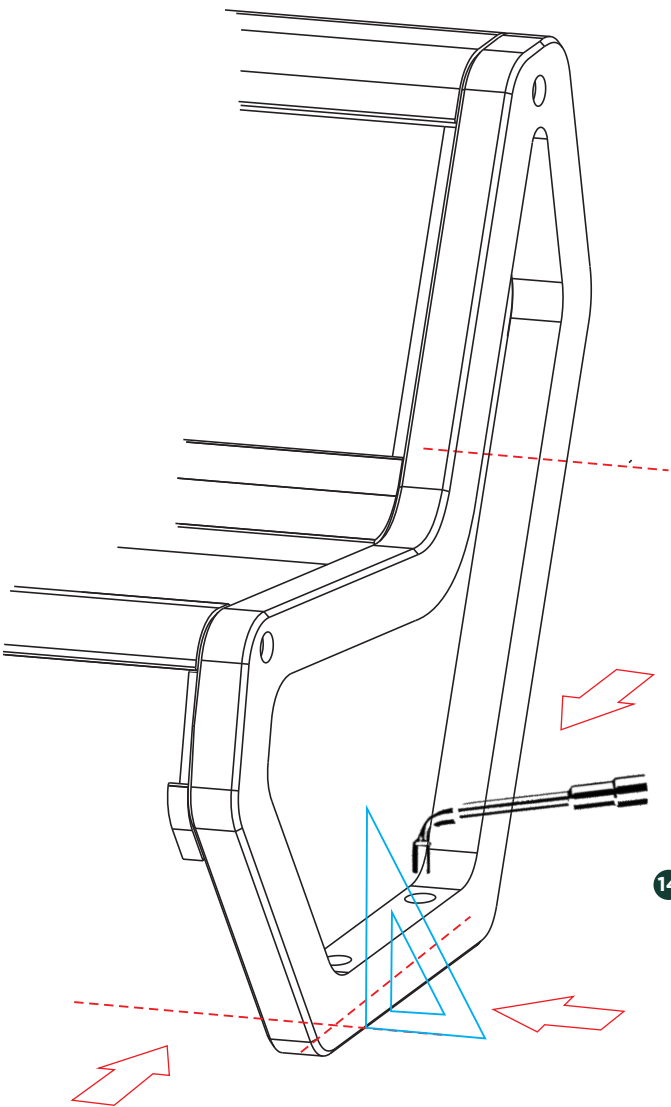
IMPORTANT: Should there be a mistake in drilling, enlarge the hole and fill it with SealFix™ provided. Then place the drop-in anchor socket in the right position. The curing time is 24 hours.

6
TIGHTENING BOLTS

12 After cleaning the dust from the drilling, shift the skeleton unit back to the position where the points were drilled.

13 Insert the M8 x 65mm bolts with the flat and spring washers into the base of pedestals accordingly.

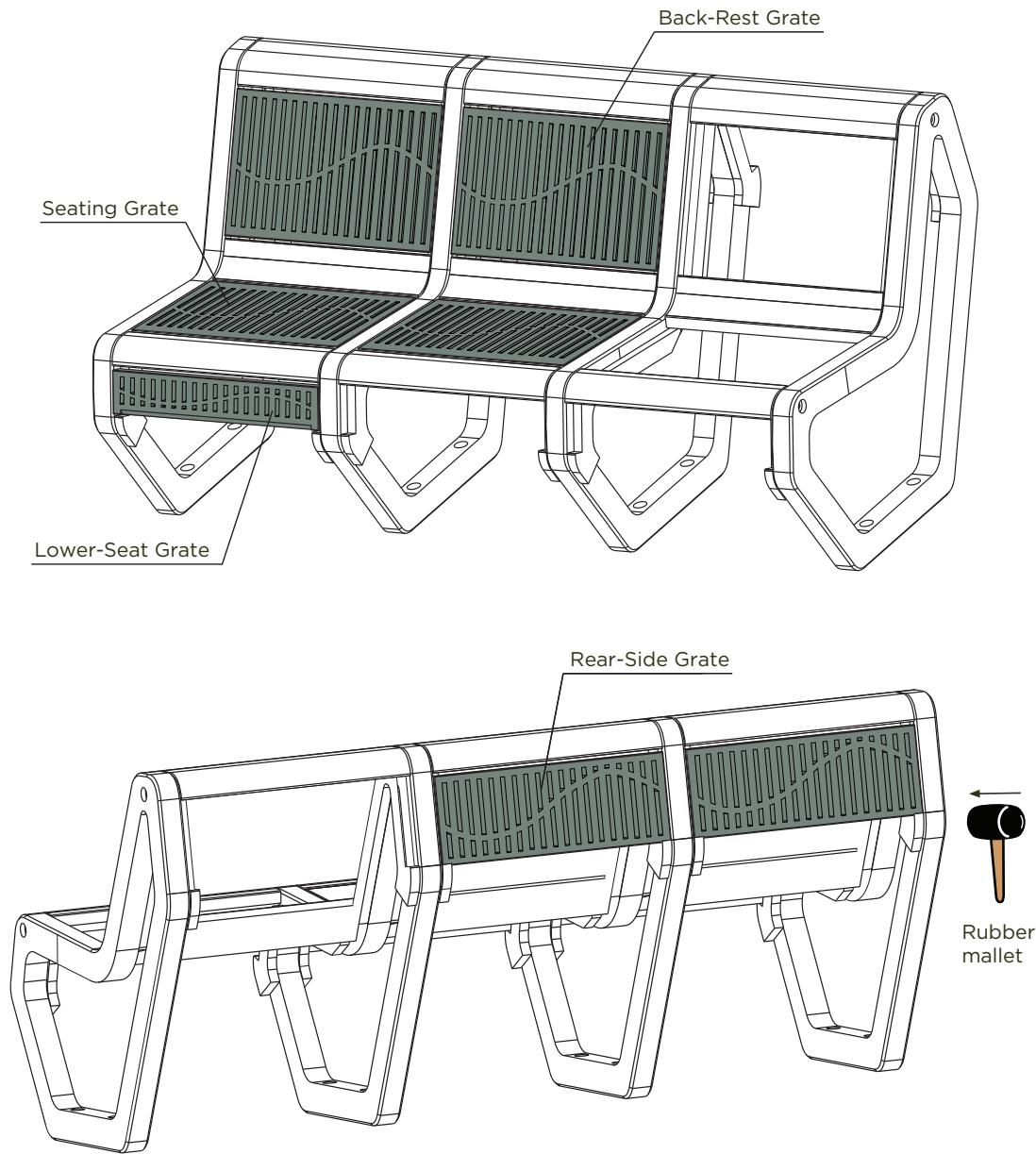
14 Fasten all the bolts as the skeleton unit gets straightened. Do not fasten the bolts fully as the unit gets aligned.



7
GRATES ALIGNMENT

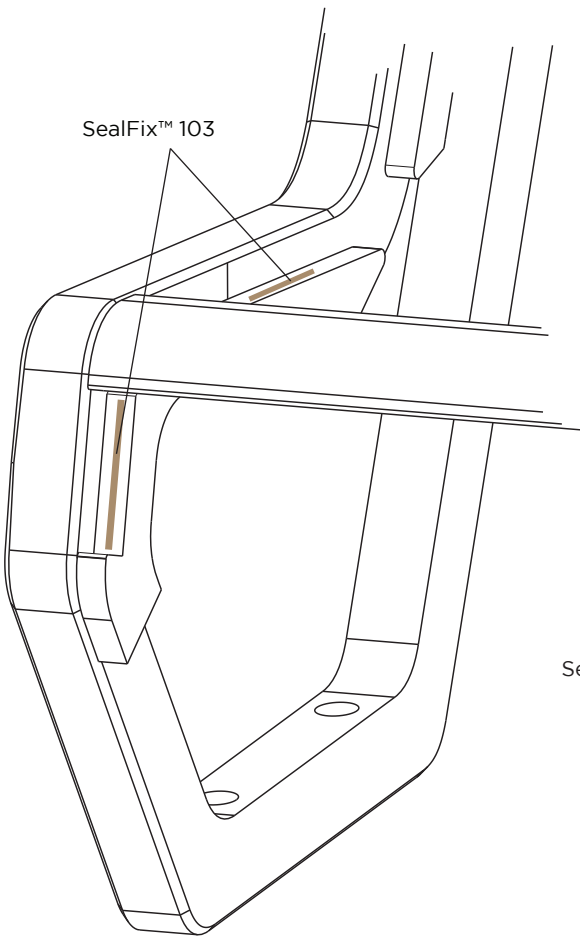
- 15 Place all the grates into position accordingly. Adjust the entire bench by tightening and loosening the threaded rods, M12 nuts, and the anchoring bolts for squaring.

IMPORTANT: Do not apply the SealFix™ yet.



- 16 Check that all the components are properly aligned by tapping them with the rubber mallet constantly.

8
GRATES INSTALLATION



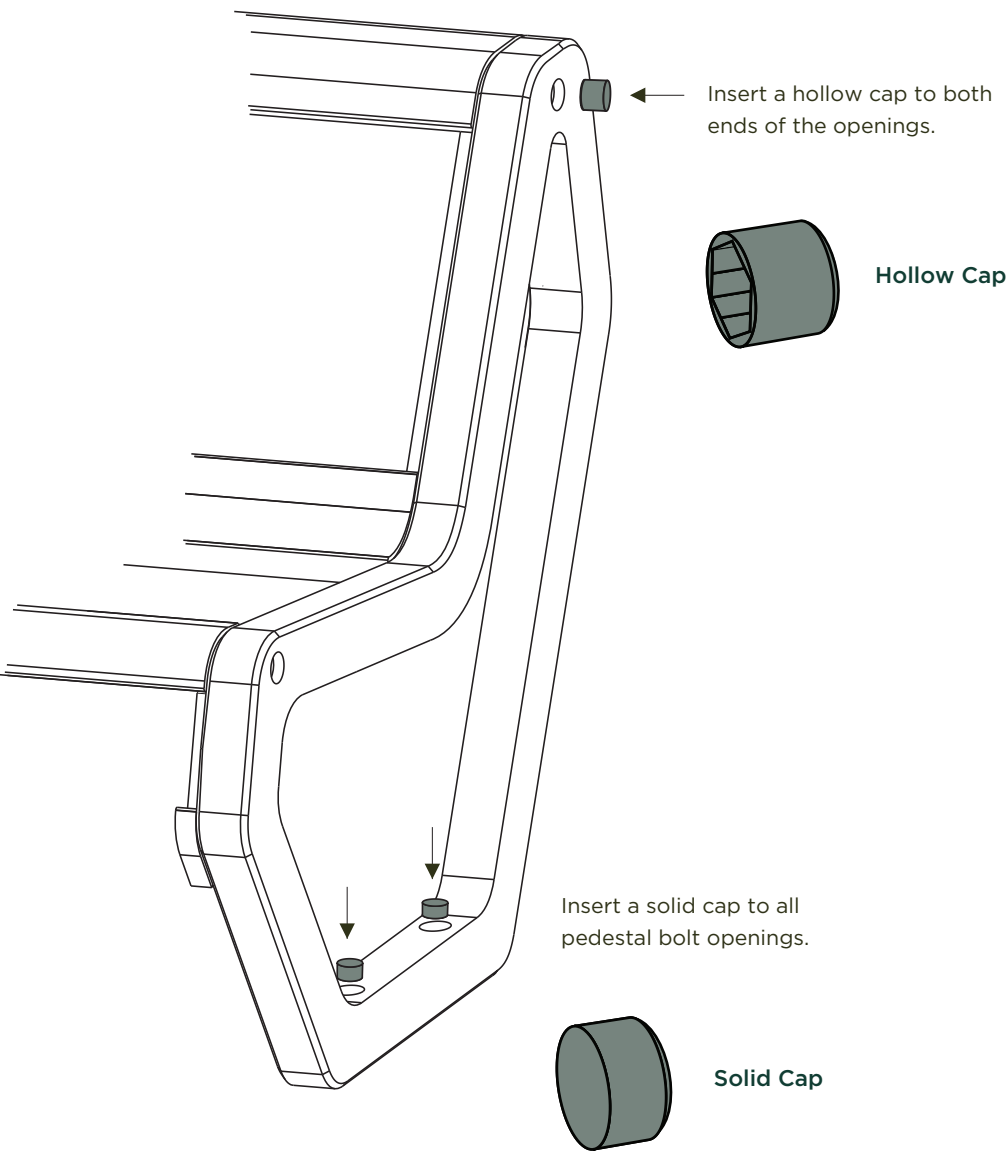
- 17 Once all the components are squared and positioned, remove the grates one at a time and apply SealFix™ 103 on the contact areas.



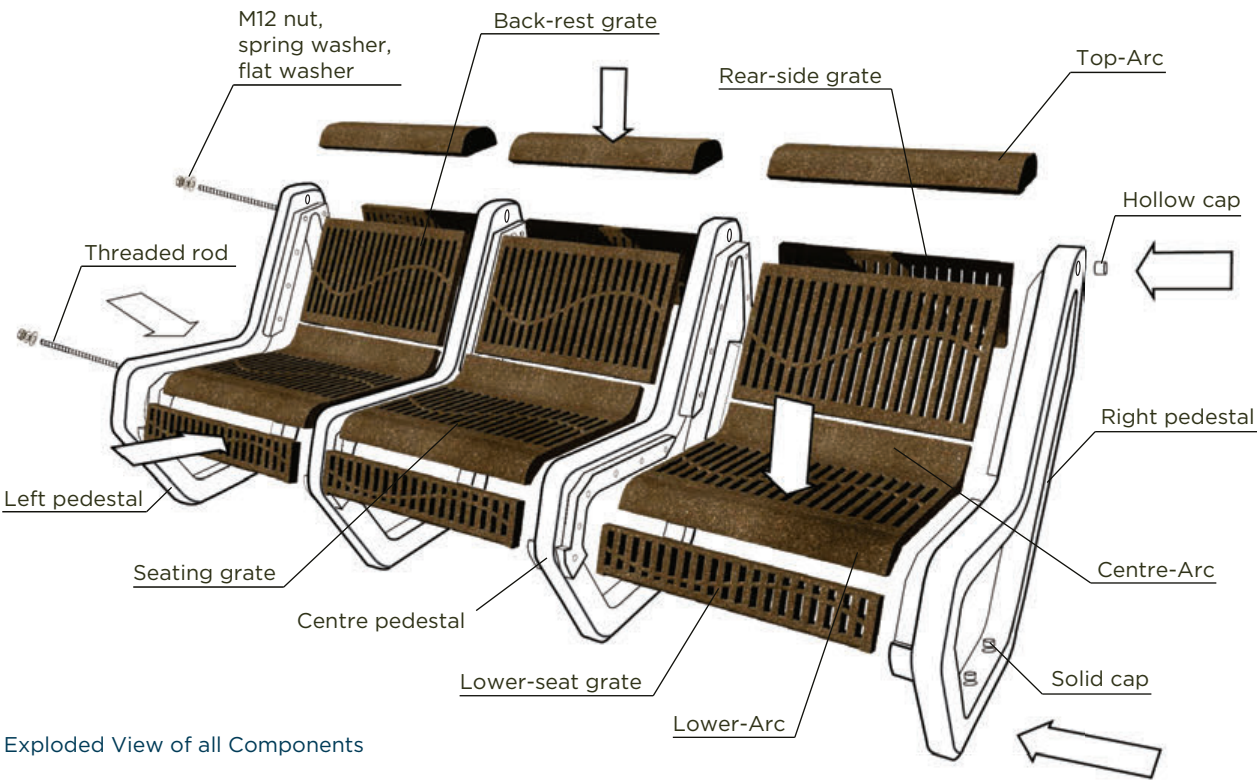
- 18 Tighten all fasteners after all the grates are fully installed. The adhesive will be secured with a strong bond after 24 hours and fully cured in a week.

9
INSERTING CAPS

19 Insert the caps to the respective bolt and fastening holes. Slight grinding may be required for caps to flush. Use SealFix™ to seal up.



10
COMPLETION OF
BANCO INSTALLATION



BR 300-3 SEATER