

# Installation Guide

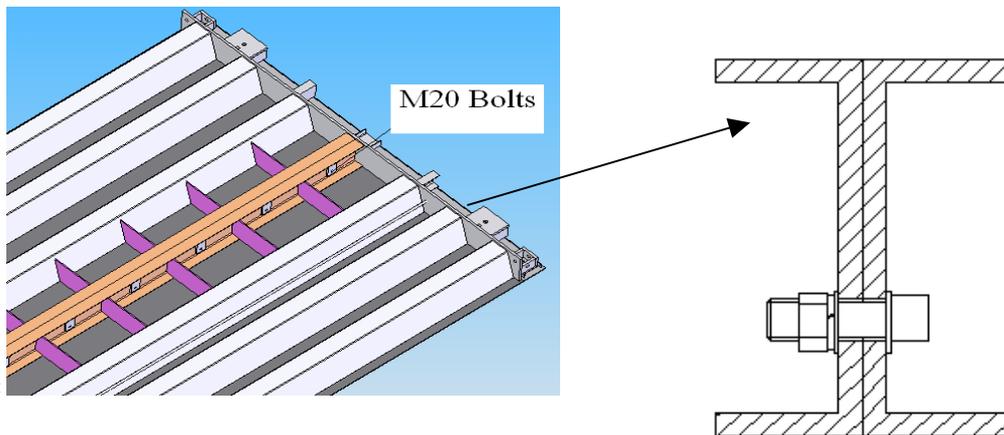


1. Check the No. on the scale body and match it as the follows. If there are two modules, it will be marked as A1, A2...A11 A12 and B1, B2,B3...B11, B12.

2	4 6	8 10	12
1	3 5	7 9	11

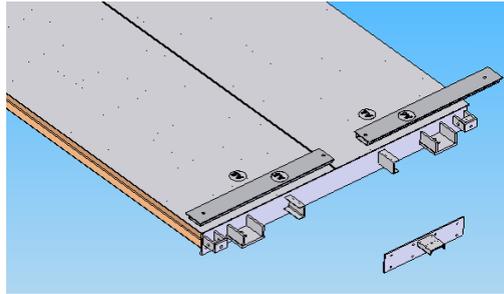
2. Scale-body assembling:

Lift the scale bodies and match it according to the marking. Then overturn it and lie them flat. Please be sure to put some small wood underneath the scale body so that there will be no scratches on the scale platform. Match the M20 holes to each other and connect the two parts with M20 bolts as instruction in the following drawing.



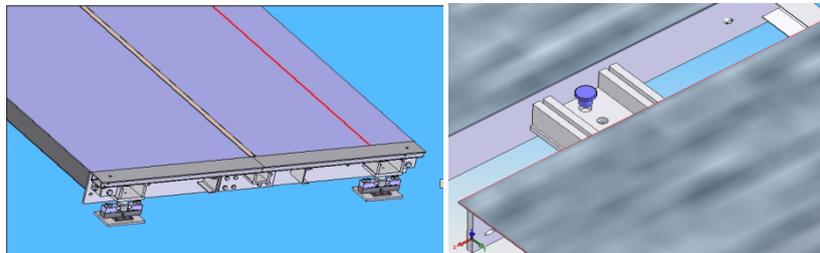
3. Installing load cell and truck scale in the foundation

Before installation, please unscrew the end bar on the platform of the scale body and put them beside the scale.

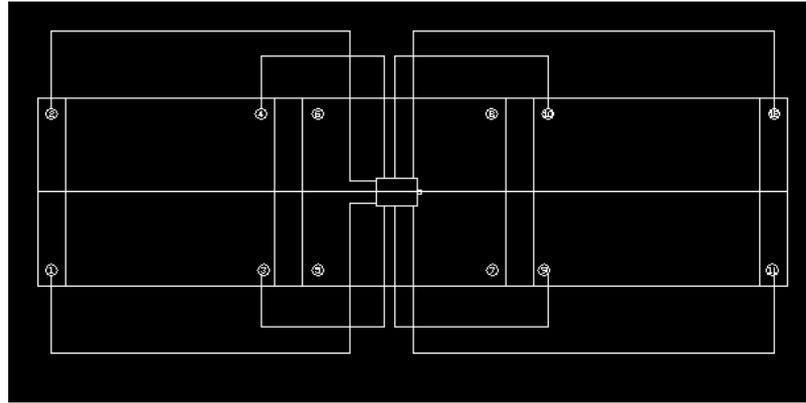


- a. Put the load cells on the foundation plate according to the marking on the load cell. The marking of the load cell should be consistent to the marking on the scale bodies.
- b. lift and put on the first main scale body marking 1,2,3 and 4 on the load cells, the marking of the scale bodies should be matching to the marking on the load cells
- c. Lift and put the second scale body marking 5,6,7 and 8 on the load cell.  
Connect the two scale bodies with the pole we supplied (please see this in The drawing underneath)
- d. Lift and put the third scale body marking 9,10,11 and 12 on the load cell.  
Connect the two scale bodies with the pole we supplied (please see this in the drawing underneath). Adjust the scale-body after placing is finished.

**Installation drawing of load cell:**



- e. Check the eight steel-ball of load cell, If the steel-ball can be rotated, jack the scale-body up in that position with the jack and put the level-adjusting plate under the load cell to make sure the steel-ball can't be rotated.
- f. Adjust the M30x80 common limit bolts of the scale-body. (Rotate the bolt, it is better that there is 5mm between the front-end of the bolt and the surface of scale-body, then rotate the nut.). This is done to avoid inaccurate weighing from big rocking when the truck drives on the weighbridge
- g. Get the wires of the load cells through the wire pipe underneath the scale bodies and connect the load cell wires to the junction box as instructed in the following drawing. (Attention to the marking on load cell and junction box should be consistent), then fix up the junction box onto the two side-cover plates.



- h.** connect the wire from the junction box to the indicator and turn on.
- i.** screw the end bar according to the marking on it to the platform and screw them.
- j.** thus the installation of the truck scale is finished.