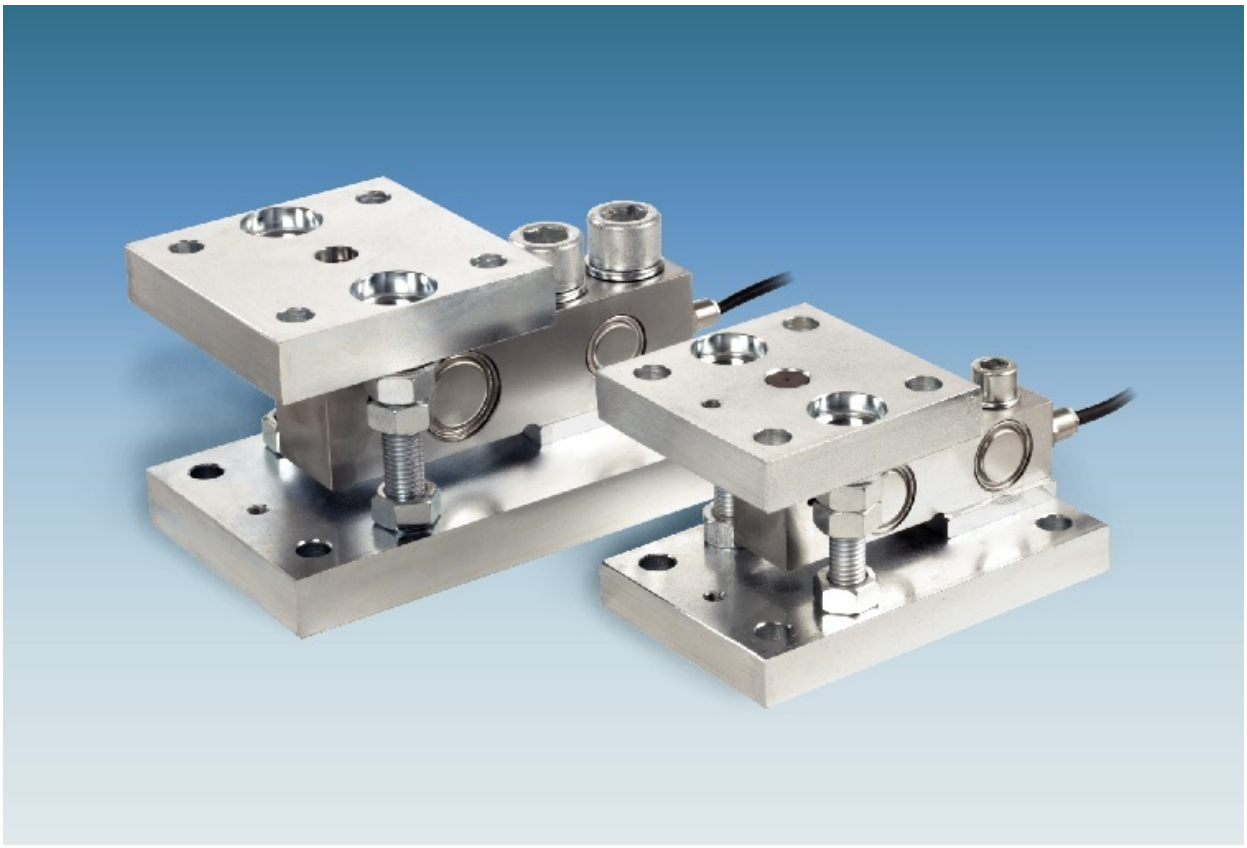
UTILCELL
LOAD CELLS - WÄGEZELLEN

LIFT-OFF PREVENTION SYSTEMS
Acc. 35902 (0,3…2t)
Acc. 35903 (3…5t)

BASIC MOUNTING INSTRUCTIONS

(Rev. 1 – 11/12)



1. MATERIAL RECEIVED WITH THE MOUNTING KIT

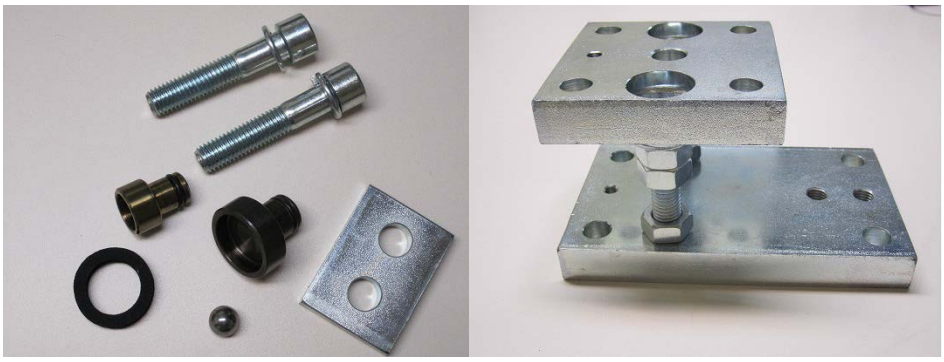


Figure 1

2. NECESSARY TOOLS TO PERFORM THE MOUNTING

Acc. 35902 (0,3…2 t)
-SPANNER OF 22mm.
-ALLEN WRENCH OF 10mm.

Acc. 35903 (3…5 t)
-SPANNER OF 25mm.
-ALLEN WRENCH OF 17mm.

Figure 2

3. PLACE THE ACCESSORY IN ITS INSTALLATION POSITION AND FIX IT TO THE FOUNDATION AND TO THE LEG OF THE SILO/TANK

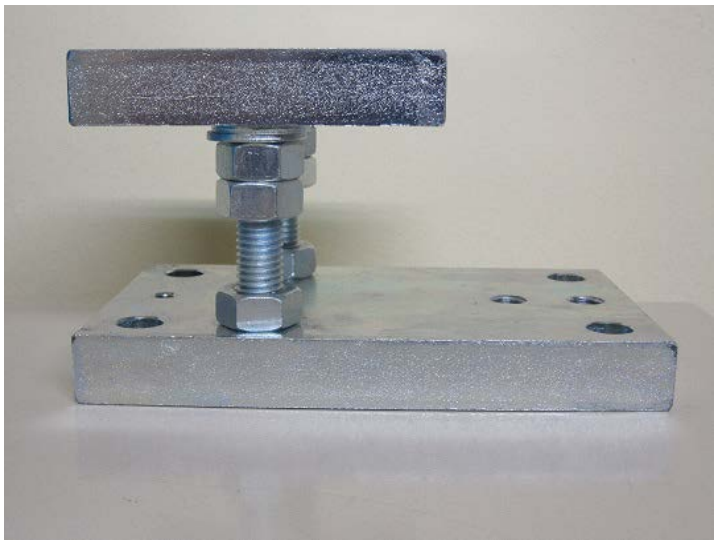


Figure 3

4. PLACE THE UPPER CUP ON THE UPPER PLATE

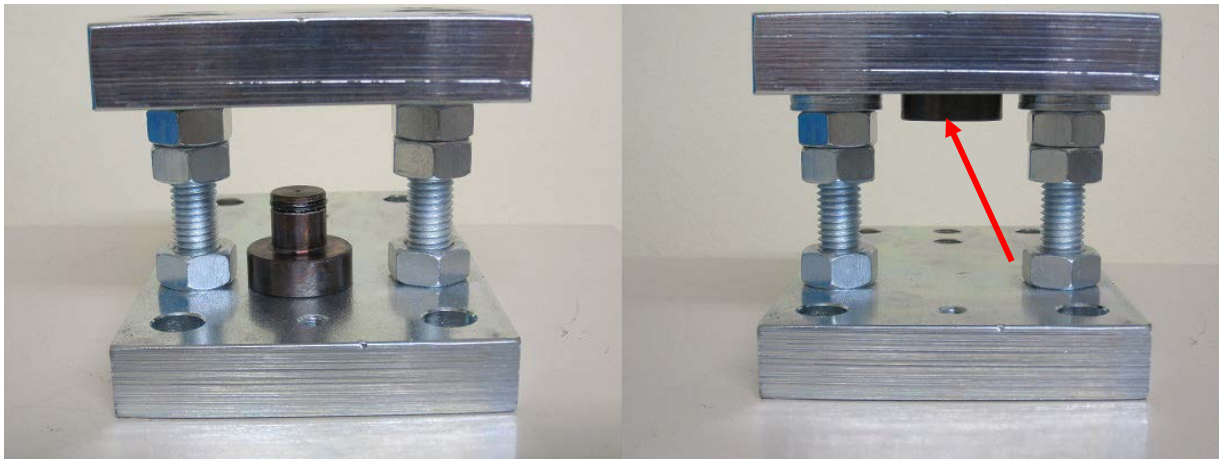


Figure 4

5. PERFORM THE JOINT MOUNTING KIT INTO THE LOAD CELL

Figure 5

Figure 6

6. INSERT THE LOAD CELL IN THE MOUNTING ACCESSORY, IT IS FIXED TO THE FOUNDATION AND TO THE SILOS LEG. KEEP IN MIND THE DIRECTION OF THE LOAD ARROW IN THE LOAD CELL

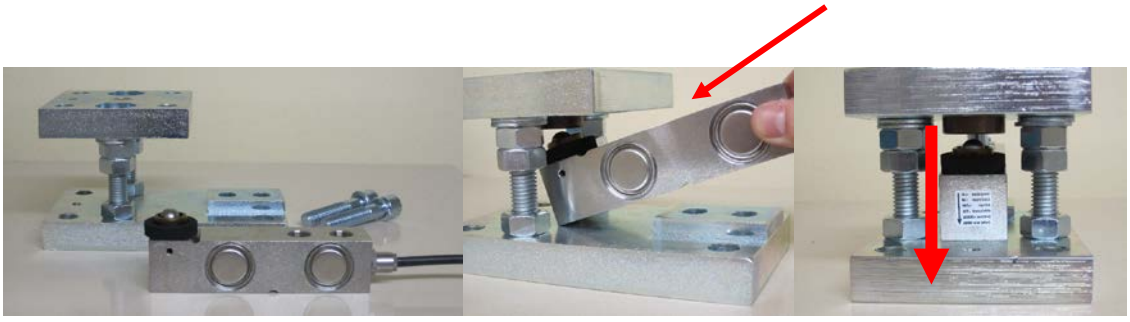


Figure 7

7. FIX THE LOAD CELL TO THE MOUNTING ACCESSORY, SCREWING THE NUTS

Figure 8

8. ONCE THE LOAD CELL IS FIXED TO THE ACCESSORY, UNSCREW THE TWO LATERAL NUTS UNTIL THE TOP PLATE CONTACTS THE LOAD CELL

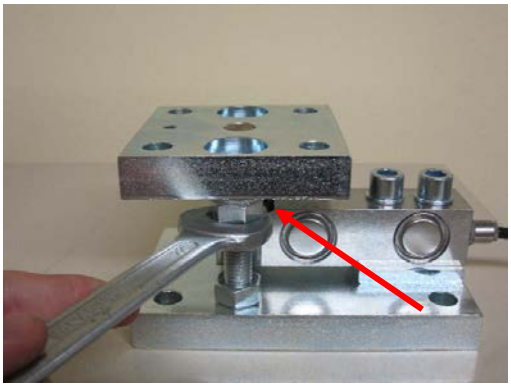


Figure 9

9. LEAVE A CLEARANCE BETWEEN TOP PLATE AND WASHER (2-3mm.)

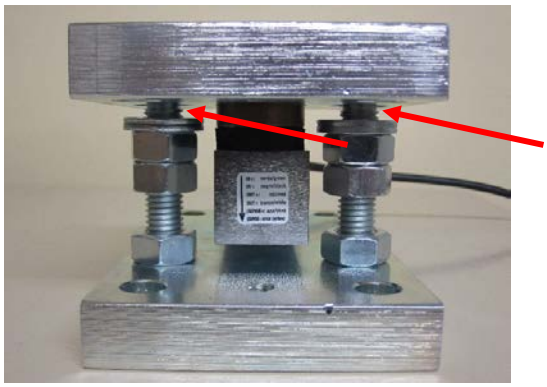


Figure 10

10. ENSURE THE PARALLELISM BETWEEN THE UPPER AND LOWER PLATE, D1 SHOULD BE EQUAL TO D2 AND D3 IN ALL THE CORNERS, ONCE THE ACCESSORY HAS FREE MOVEMENT

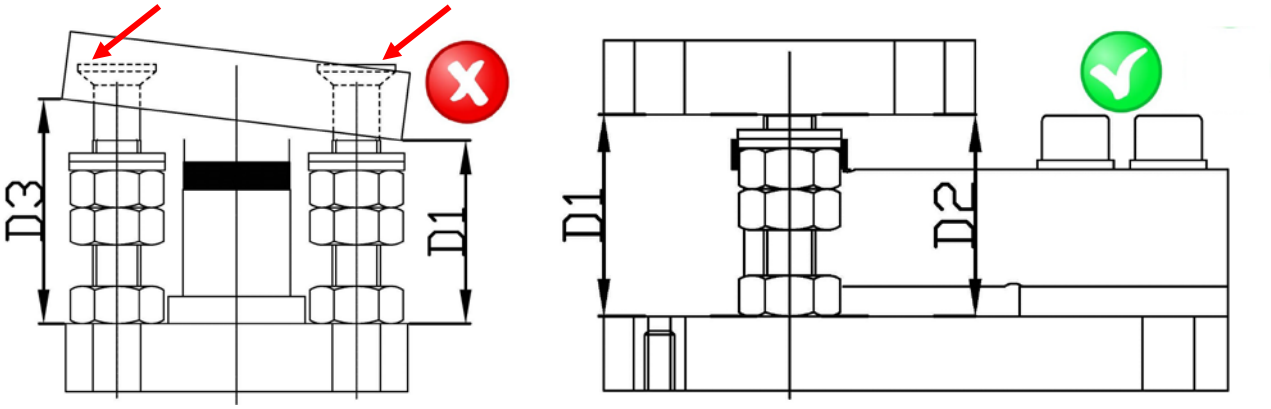


Figure 11

11. IF THERE IS A DEVIATION BETWEEN D1, D2 AND D3, THEN WE SHOULD PLACE METAL SHIMS OF DIFFERENT WIDTH (1,2 or 3mm) BETWEEN THE LEG OF THE SILO/TANK AND THE UPPER PLATE TO GET THE NECESSARY PARALLELISM FOR A CORRECT INSTALLATION (Figure 12)

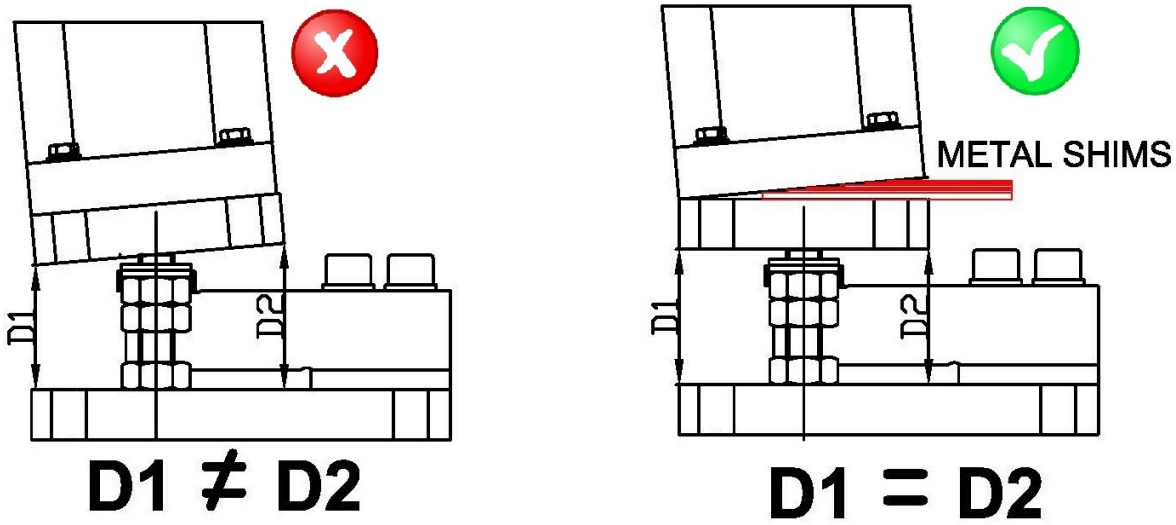


Figure 12

*perform the same procedure for D1 and D3, if necessary

12. ENSURE THAT THERE IS NO DEVIATION BY TORQUE BETWEEN UPPER AND LOWER PLATE

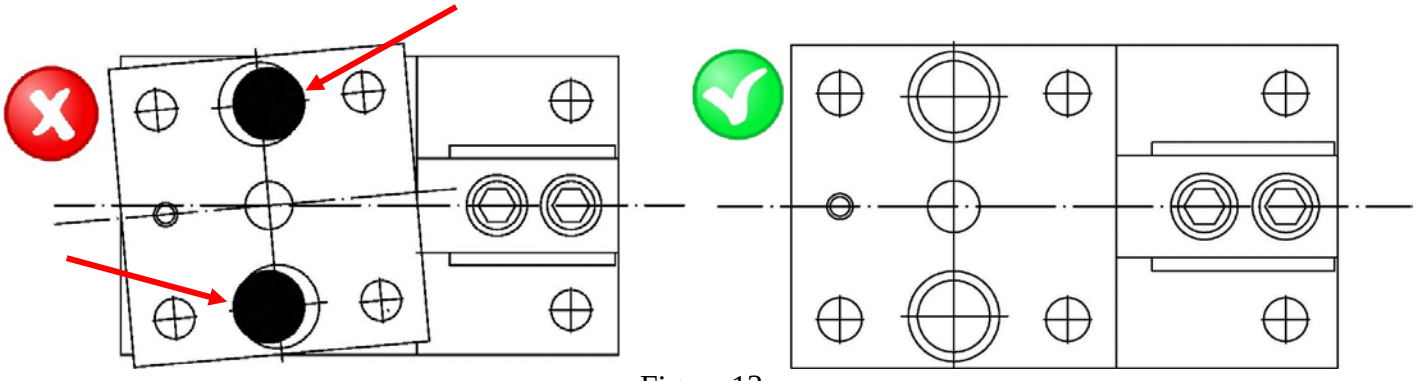


Figure 13