

MODULE WITH CHECK LINK ASSEMBLED FOR SHIPMENT  
 WEIGHT: 13 kg

**INSTALLATION INSTRUCTION**

Welding top and bottom is the recommended installation method. This eliminates all problems with getting holes in load carrier and foundation to match.  
 See section C-C for weld sizes.

- Below is described how to install by bolting:
1. Position the assembled modules, on the foundation plates or equivalent as shown on drawing 3-6443E.
  2. Fasten the modules with screws centered in the large clearance holes, but do not torque. Check that all upper screws can be inserted.
  3. Lower the load carrier onto the modules and centre it's holes in the weigh modules. If not, lift and reduce the load carrier. Also the weigh modules can be relocated somewhat utilizing the clearance in the lower bolt holes.
  4. Torque all screws 400 Nm and remove the joining bars(29, red) for the module without check link.
  5. At one module at a time, lift the load carrier with a jack a couple mm and remove the blocking bars(27, red). Tighten the upper screw only slightly so that the cup still can slide axially. Then lower and remove the jack. Finally tighten the upper screw(16).

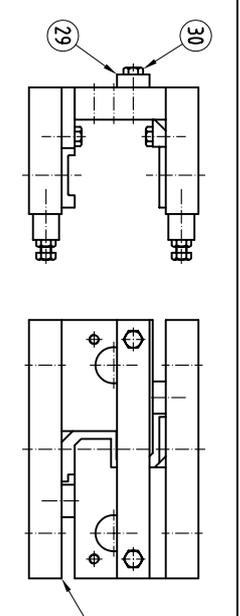
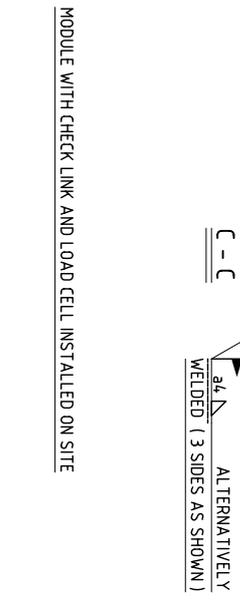
NOTE A: In case the mounting screw holes do not match and it is impossible to fit all screws into their holes it is recommended that the weigh modules are installed with bolting on top and welding on bottom. After welding, clean the welds and apply protective paint.

NOTE B: For optimum performance, the static forces in the check links caused by non horizontal tank feet and / or non horizontal foundation plates, can be reduced by adjusting the link lengths (within ± 3 mm). To do this, first all shims(23) should be removed so that all load cells can find their common stable position. Take care not to subject the tank to excessive side forces because with links not connected, the load cells might fail. Shorten links by removing shims, lengthen by removing and rotating the short link end(22) 180° and reinserting required number of shims.

**FOR ORIENTATION OF WEIGH MODULES SEE DRAWING 3-6443E**

- PARTS LISTS:**
- 4-7371-A, ZINC PLATED WITH CHECK LINK
  - 4-7371-B, ZINC PLATED WITHOUT CHECK LINK
  - 4-7372-A, STAINLESS WITH CHECK LINK
  - 4-7372-B, STAINLESS WITHOUT CHECK LINK

**DATA:** MAX FORCE ON CHECK LINK: 70 kN  
 MAX FORCE ON LIFT OFF PROTECTION: 100 kN



MODULE WITHOUT CHECK LINK  
 ASSEMBLED FOR SHIPMENT  
 REMARK: ITEM 29(RED) REMOVED  
 AFTER INSTALLATION.  
 WEIGHT: 10.7 kg

REV.	DATE	DESCRIPTION	BY	CHKD.
01	03/2016	Initial release		
02	03/2016	Change drawing		
03	03/2016	Change drawing		
04	03/2016	Change drawing		
05	03/2016	Change drawing		
06	03/2016	Change drawing		
07	03/2016	Change drawing		
08	03/2016	Change drawing		
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29	03/2016	Change drawing		
30	03/2016	Change drawing		
31	03/2016	Change drawing		