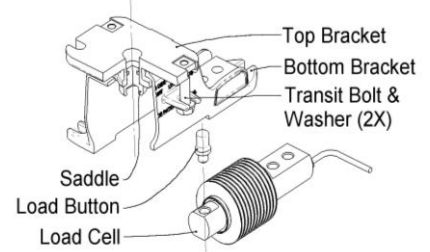


INSTALLATION INSTRUCTIONS

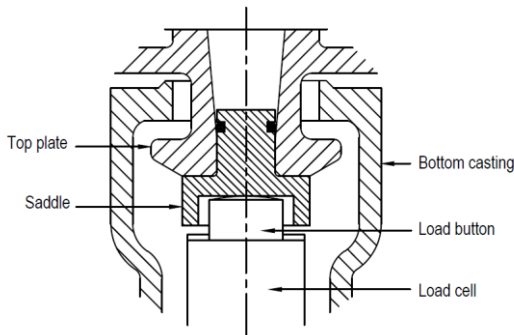


Please read these instructions in conjunction with the LeverMount® product data sheet (available on request).

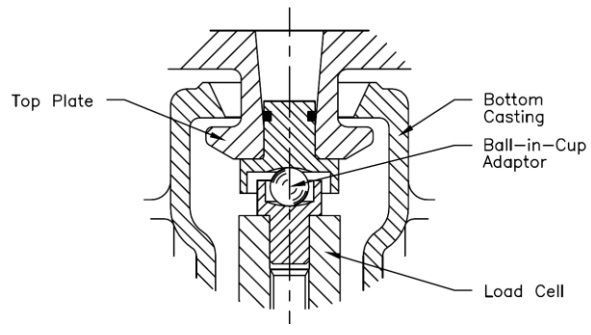
WARNING: Make sure that the working load of the vessel will never exceed the rated load of the load cells and the LeverMount® assemblies. To prevent the risk of serious injury or death, the system must be designed to work safely at all times and under all conditions. Also, never perform electrical welding in close proximity to any load cell.

1) Unpack the LeverMount® assembly and the load cell. Do not loosen the transit bolts yet. Check the items are not damaged and that all the intended parts are included. Each LeverMount® assembly should contain:-

- 1 x LeverMount® Assembly
- 1 x Load Button (only on Standard version with saddle)
- 1 x Loading Cup and 1 x Ball Bearing or Rocking Pillar (only on Self-centering version)



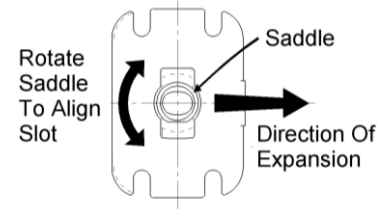
Standard version



Self-centering version

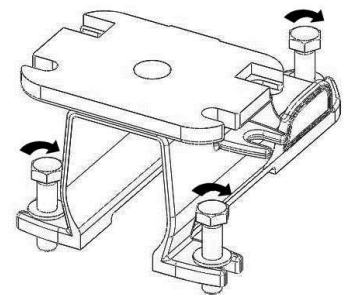
2) For Standard Version with Saddle only

Rotate the saddle in the top bracket so that when the LeverMount® assembly is in its final position, the slot in the saddle will be aligned in the direction of the maximum expansion of movement, which is generally pointing into the centre of the weigh vessel.



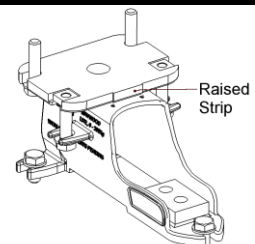
3) Mount the LeverMount® assembly in position on the load bearing structure, and securely bolt it via the three slots in the bottom bracket. The attachment bolts are not supplied with the assembly and the required quantities are listed in the table below:-

LeverMount® Product Type	Bolt Size	No. of Bolts and Washers required for Bottom Bracket	No. of Bolts and Washers required for Top Bracket
0-200kg LeverMount® Lite	M8	3	4
0-2 tonne LeverMount®	M12	3	4
0-5 tonne LeverMount®	M20	3	4

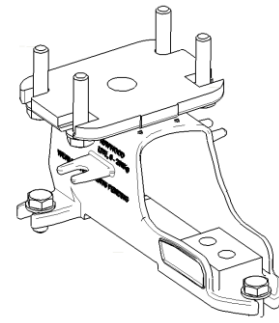


4) Position the vessel or structure to be weighed on the top bracket of the LeverMount®. Bolt the mating foot of the vessel or structure to the top bracket of the LeverMount® using two additional bolts (not supplied) in the free slots.

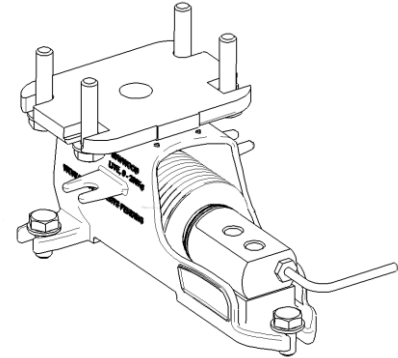
WARNING: The raised strip on the top bracket must be aligned with the two arrows on the mount to prevent serious injury or death.



5) Loosen the two transit bolts and slide them free with the nuts. DO NOT DISCARD THE BOLTS AND WASHERS. The top bracket should be further secured to the vessel or structure using two additional bolts and washers (not supplied). Check that the raised strip on the edge of the top bracket is still aligned with the two arrows on the mount. At this stage the vessel is completely supported by the entire LeverMount® assembly, not the top plate.

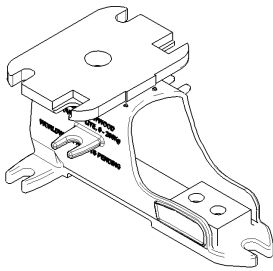
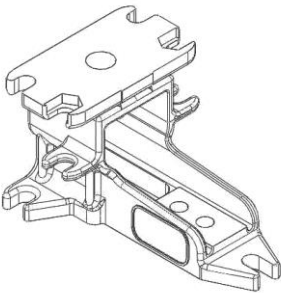


6) Ensure that the direction arrow on the front face of the load cell (at the opposite end to the cable gland) is pointing downwards and that all mating surfaces are free from debris. Fit the load button (standard version) or the loading cup & ball bearing/rocking pillar (self-centering version) into the hole of the load cell and then slide the load cell into position within the LeverMount® assembly. Insert the two transit bolts and washers through the load cell fixing holes.



Ensure the load cell is aligned parallel to the centre line of the LeverMount® assembly and alternately tighten the bolts.

7) Alternately tighten the two bolts to the torque specified in the table below, ensuring that the maximum torque is not exceeded.

LeverMount® Product Type		Maximum Bolt Torque
0-200kg LeverMount® Lite		20 Nm
0-2 tonne LeverMount®		100 Nm
0-5 tonne LeverMount®		285 Nm

This 'lever' action pivots the load cell, allowing it to raise at the front and start bearing the load, which raises the weigh vessel via the top plate. The load cell and assembly are now ready for operational weighing. **Important Note: during the pivoting process, the 5 tonne LeverMount® can only raise a total weight of 50% of its full load capacity. After that, it can support 100% of its full load capacity.**

8) Periodically check the security and mechanical integrity of the connection between the LeverMount® and the weigh vessel or structure. Re-tighten any bolts as necessary.