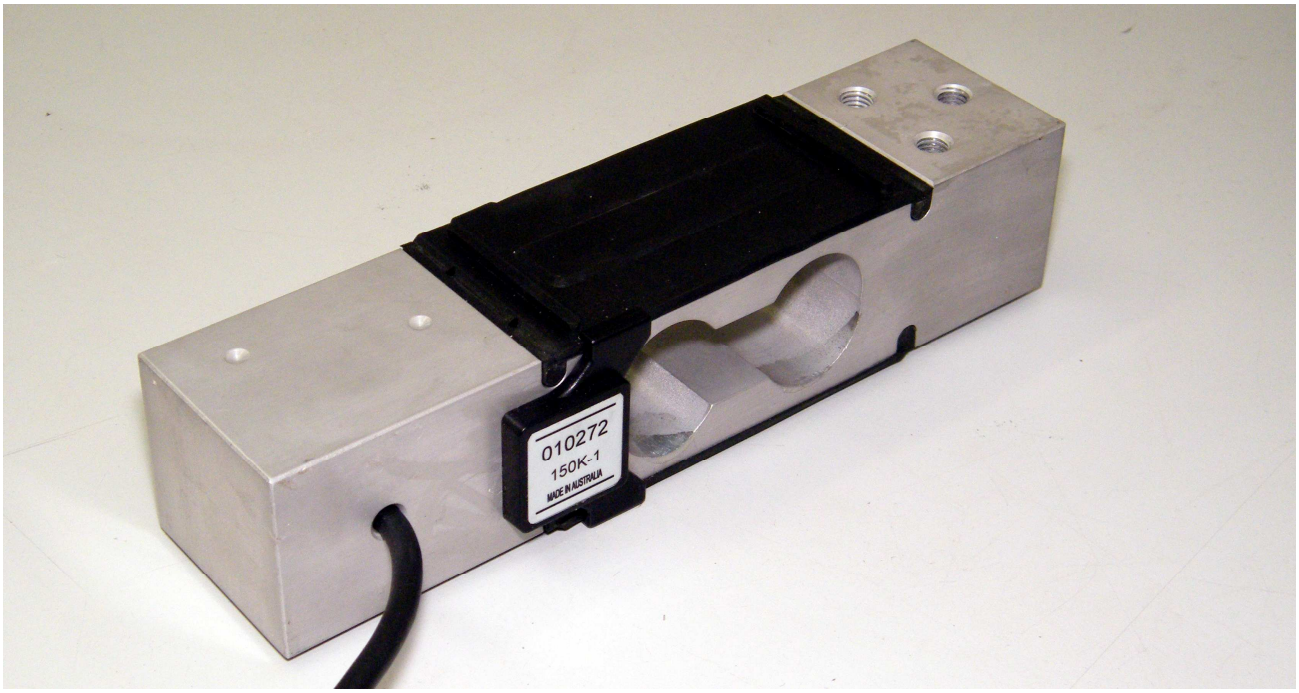
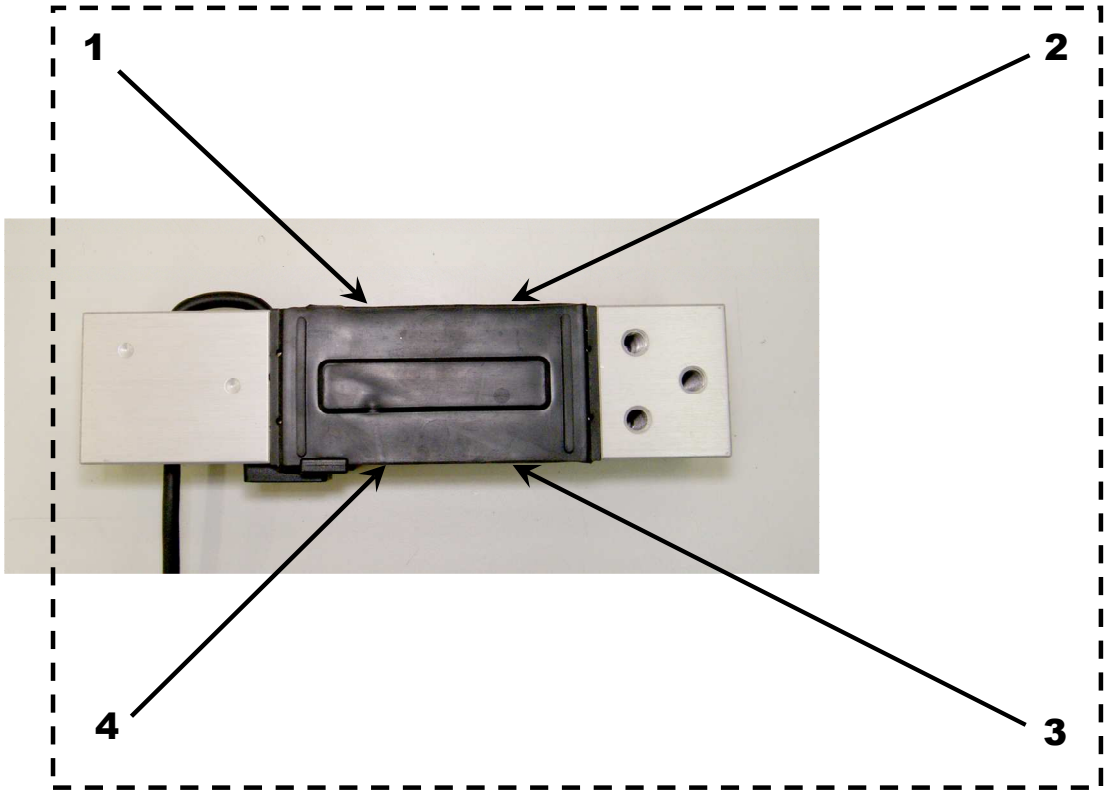
Corner Adjustment of a Single Point Load Cell

1. An example of a typical single point load cell.

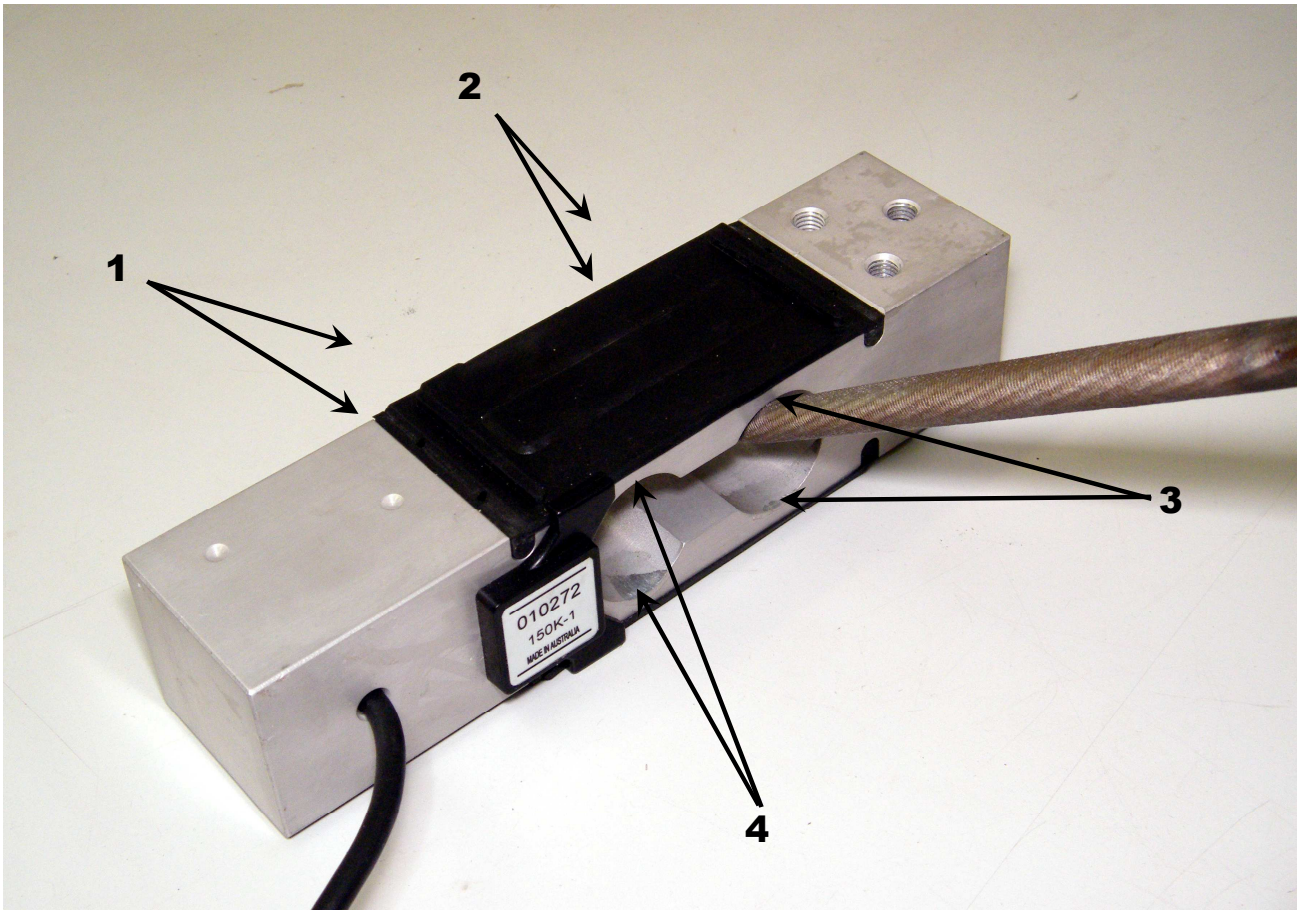


2. Top view of the load cell.
   Overlay of the weighing platform and how the corners of the platform relate to the position of the load cell to be filed if adjustment is required.



3. For example; if corner 3 of the platform is reading too low, a file is used to remove a small amount of material from the corresponding part of the load cell. Removing material will increase the weight reading relative to that corner of the platform. Scrape very lightly to start with and observe the effect before continuing.
   NOTE: The weight readings of the corners of the platform can only be increased by filing, so the corners that have the lower readings need to be filed to raise the value to equal the reading of the highest corner.

   Either the upper surface or the lower, (or preferably equally upper and lower surface can be filed. Sometimes only one surface can be accessed while mounted in a basework.



4. An example of the surface of a load cell where material was removed will look similar to that shown below.
   The area filed should be coated with silicone sealant to minimise oxidation.