

WEIGHBRIDGE CARE AND MAINTENANCE

Weighbridge care and maintenance is a team effort. It involves co-operation between vehicle drivers, the weighbridge owner, the weighbridge operator, and a weighbridge servicing company such as Accuweigh Pty Ltd. Performing some basic maintenance checks periodically will ensure your weighbridge will continue to operate effectively long into the future.

DRIVER RESPONSIBILITY 1:

APPROACH THE WEIGHBRIDGE SLOWLY

Using excessive speeds on the weighbridge will cause shock loading on the loadcells. Minimise entry and exit speeds to below 5kph and maintain speeds.



DRIVER RESPONSIBILITY 2:

DO NOT HIT THE BRAKES

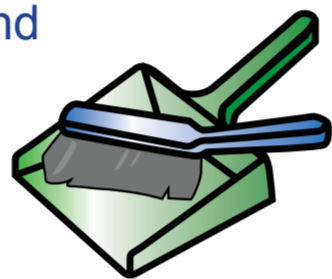
Sudden braking on the weighbridge will cause shock loading on the loadcells and travel restraints.



OWNER RESPONSIBILITY 1:

KEEP THE WEIGHBRIDGE CLEAN

Trade Measurement Legislation requires your weighbridge to be clean at all times. A build up of material on and beneath the weighbridge deck will trap water and more material. This will reduce the life of your weighbridge and its components and affect the weighing performance.



Check the weighbridge's cleanliness every two months.

OWNER RESPONSIBILITY 2:

MAINTAIN THE TRAVEL RESTRAINTS

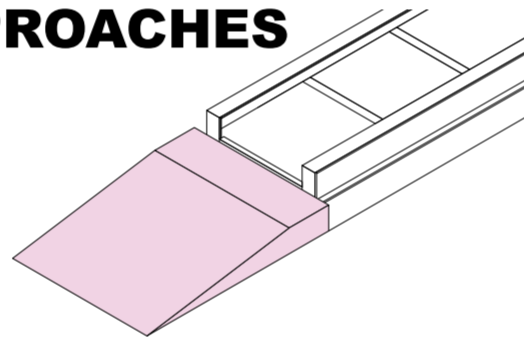
All weighbridges are installed with travel restraints to allow the weighbridge deck to rock back and forth, but not too much. The deck will expand and contract with heat and will need to be adjusted for the different seasons (Summer and Winter). Have too small a gap and the deck will expand and jam against the buffer. Have too big a gap and the deck will rock excessively. Excessive movement will cause undue wear and tear on the loadcells and compromise their longevity.

We recommend a longitudinal gap of 5mm and a transverse gap of 2mm to be checked every two months.

OWNER RESPONSIBILITY 3:

MAINTAIN THE APPROACHES

Ensure the approaches to the deck are kept clear and clean and are repaired as required.



OWNER RESPONSIBILITY 4:

ENSURE REGULAR SERVICING

Loadcells and loadcell assemblies need to be inspected for damage and regreased periodically. The weighbridge calibration should also be checked regularly and adjusted by a licensed repairer if necessary.

Contact Accuweigh Pty Ltd to ensure servicing is performed regularly and to a schedule.



OWNER RESPONSIBILITY 5:

DISCONNECT POWER DURING STORMS

Disconnect power during an electrical storm to reduce the risk of the electrical components of the weighbridge (the digital display and the loadcells) from suffering damage due to lightning strikes and power surges.



OWNER RESPONSIBILITY 6:

USE A GOOD QUALITY POWER SOURCE

A weighbridge is a precision instrument and, as such, deserves to have a good quality, stable power source. We recommend using an Uninterruptible Power Supply (UPS), but an isolated 240VAC source is also a good option.

Certainly do not power the weighbridge using a generator or a 240VAC source that shares a line with starting motors and other current destabilising machinery.



OWNER RESPONSIBILITY 7:

DO NOT WELD ON THE WEIGHBRIDGE DECK

Welding involves the transfer a high currents and could easily destroy the delicate circuits of all electronic equipment.

Contact us if welding is essential.



If you notice any fault with your weighbridge, contact your service provider immediately. Delaying attention could compound the issue and turn a minor fault into a major repair.

Use only a reputable weighbridge servicing company, such as Accuweigh Pty Ltd. We have the experience and resources to perform quality servicing, and we carry a large range of spare parts to ensure a quick service turn-around.



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