

# Electric Drum Brake Installation

**Please read these instruction prior to installation.**

Electronic backplates are directional, as such all Backplates are clearly identified with a label fixed to them indicating which is to be fitted to LEFT and RIGHT hand side when standing behind the trailer.

Fit the backplates so the magnet is at the bottom (6 o'clock)

There are two electric wires connected to the electro magnets, either of these wires can be connected to earth. All connections must be of a high standard, all joints should be soldered as faulty or substandard connections **will result in poor braking performance.**

When drum brake hubs are fully installed, remove the runner grommet on the rear of the backplate (situated at the bottom). Using a screwdriver adjust brakes up until the drum cannot be rotated, then back off adjustment so the shoes are just touching.

The following should also be done;

1. After the first 300km of operation when the brake shoes and drums have set in.
2. At 5,000km intervals thereafter or as use and performance requires.

**Electro magnets** are fully sealed and still operate after submersion in fresh water but are not designed for use in salt water.

## Wiring instructions:

Recommended Minimum Wire Size - 2mm<sup>2</sup> conductor area (153) for 2 or 4 wheel brakes, coupling to axle distance under 9 metres. All joints should be soldered.

