

## INSTALLATION TIPS

### SAFETY FIRST

**Replacing gate wheels requires gate to be lifted. Make sure adequate props are in place to ensure gate remains stable at all times.**

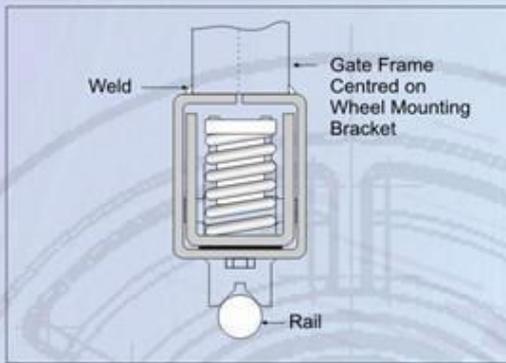


fig 1

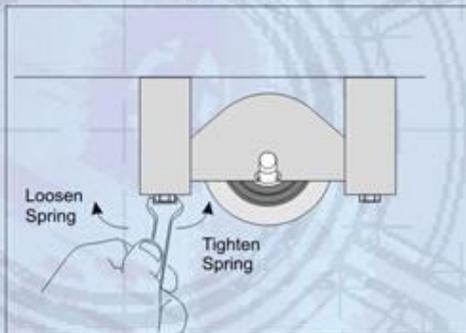


fig 2

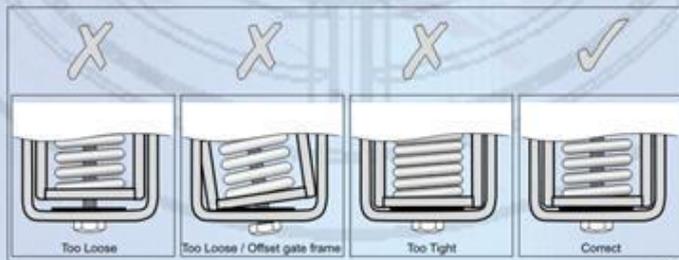


fig 3

### Installation of Gate Wheels

- Mount wheels the same distance in from gate ends.  
TIP: Gate Length (mm) Divided by 7 = Distance in from ends (mm).
- Position Wheel Assembly squarely on the underside of the gate frame and weld **Mounting Brackets** in place (refer fig 1).
- **Load Springs** are pre-tensioned for a gate weight of approximately 200kg.
- To adjust **Load Springs**, turn **Adjusting Bolts** in direction required (refer fig 2).
- Adjust the **Adjustment Bolts** alternately to ensure **Load Springs** are evenly tensioned.
- Tension until **Mounting Bracket** and **Wheel Bracket** seat on the **Rubber Washer** (refer fig 3).
- Do not remove **Retaining Clips** when replacing / removing wheels.
- When positioning **End Stop**, with rubber buffer removed, ensure gate remains held by the guide rollers.

### General

- Adjust rack to allow 3mm clearance between rack and the gate motor pinion gear.
- Ensure gate has adequate end stops at opening and closing positions.
- Make sure gate slides freely while on manual.
- Ensure guide rollers are aligned and secure.

### Maintenance

- **Wheels** that are severely worn will cause the gap between the **Load Adjustment Bolts** and the rail to close.
- It is recommended that wheels be replaced when the gap between gate rail and **Load Adjustment Bolts** reaches 2mm.
- Replacement "Click in / out" wheel kits can be purchased separately (wheels with bearings and shafts).