

GARADOR

The Garage Door People

Canopy Door – Spring Tension Adjustment

Please Note. The following instructions are carried out whilst viewing the door and gear from the inside the garage looking out.

1. Ensure the door is fully closed.
2. Locate the Left Hand spring casting and tighten the two grub screws (Warning – these must be very tight). (See Fig.1.)

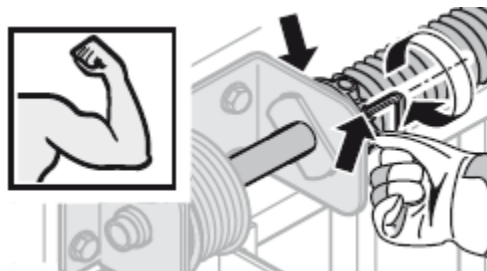


Fig.1. – Left Hand Spring Casting.

3. Locate the Right Hand spring casting; insert one canopy tension bar into the location/spring adjustment point.
4. Using a 3mm Allen Key, loosen both retaining grub screws within the Right Hand spring casting (Brace the inserted canopy tension bar whilst completing procedure due to high spring tension). (See Fig.2.)



Fig.2. – Releasing Right Hand Spring Casting.

5. To increase spring tension, insert second canopy tension bar and rotate Right Hand spring casting clockwise (away from you), ensure canopy tension bars are located correctly to prevent any safety issues. Every fourth hole adjusted equates to one complete revolution of the spring assembly. To decrease spring tension, insert second canopy tension bar and rotate Right Hand spring casting counter-clockwise (towards you). (See Fig.3.)



Fig.3. – Increase/Decrease Spring Tension.

6. Once the required spring tension adjustment has been achieved, hold the strain using one canopy tension bar and tighten the retaining grub screws on the Right Hand spring casting (Warning – these must be very tight). (See Fig.4.)



Fig.4. – Engaging Right Hand Spring Casting.

7. Using a 3mm Allen Key, now loosen the retaining grub screws on the Left Hand spring casting. This will release the spring tension back onto the operating mechanism (Warning – Ensure the Left Hand spring casting is engaged into the left hand corner bracket before loosening the grub screws). (See Fig.5.)

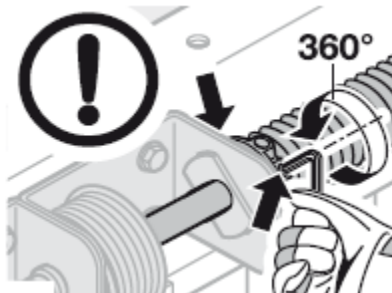


Fig.5. – Releasing Left Hand Spring Casting.

8. Test the operation of the door to ensure even balancing of the gear mechanism. If unevenly balanced repeat this procedure. (See Fig.6.)

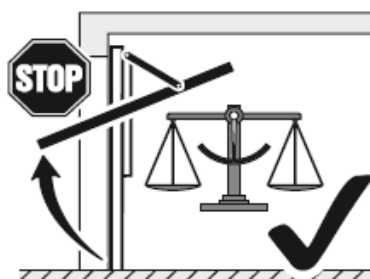


Fig.6. – Balancing of Canopy Gear Mechanism.