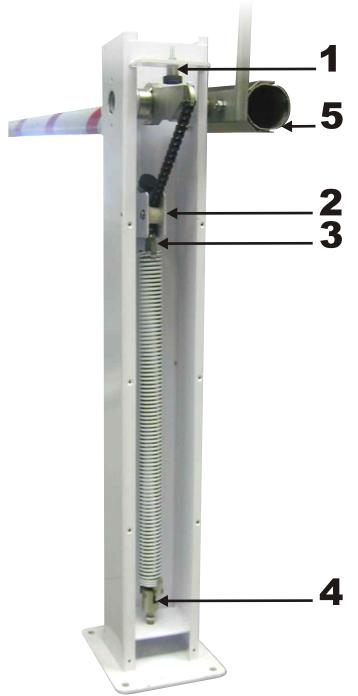
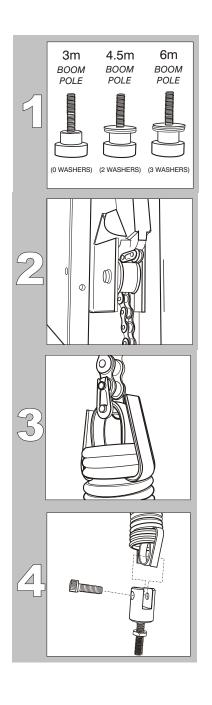
## Centinel Barrier Internal Spring Assembly





| BOOM POLE PROFILE                     | POLE LENGTH | NUMBER OF<br>SPRINGS REQUIRED | SPRING<br>PART NUMBER |
|---------------------------------------|-------------|-------------------------------|-----------------------|
| 76.2 x 1.27 Aluminium Tube = 0.81kg/m | 3m          | 1 (white)                     | 1094100100            |
| 76.2 x 1.27 Aluminium Tube = 0.81kg/m | 4.5m        | 1 (red)                       | 1094100200            |
| 76.2 x 1.27 Aluminium Tube = 0.81kg/m | 6m          | 1 (black)                     | 1094100300            |
| 76.2 x 1.8 Aluminium Tube = 1kg/m     | 3m          | 1 (red)                       | 1094100200            |
| 76.2 x 1.8 Aluminium Tube = 1kg/m     | 4.5m        | 1 (black)                     | 1094100300            |
| 76.2 x 1.8 Aluminium Tube = 1kg/m     | 6m          | 2* (black)                    | 1094100300            |
| 80 x 1.5 Aluminum Tube = 1kg/m        | 3m          | 1 (red)                       | 1094100200            |
| 80 x 1.5 Aluminum Tube = 1kg/m        | 4.5m        | 1 (black)                     | 1094100300            |
| 80 x 1.5 Aluminum Tube = 1kg/m        | 6m          | 2* (black)                    | 1094100300            |

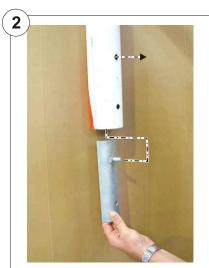
\* SEE PAGE 3 FOR INSTALLATION PROCEDURE

## EXTERNAL BOOM POLE CLAMPING PIECE

If the boom pole has not been supplied pre-drilled, use the external clamping piece as a template, mark and drill the 10.5 mm holes in the boom pole. In order for the end cap to fit correctly, there must be a clearance, the thickness (A) of the end cap, between the end of the boom pole and the clamping piece.



Fit the M10 bolt through the boom pole and clamps.



Fit the internal clamping piece into the boom pole. The stud must fit through the upper hole.



Fasten the M10 nuts onto the bolts and tighten. Fit the end cap to the boom pole.



Fit the boom pole and internal clamping piece into the external clamp.



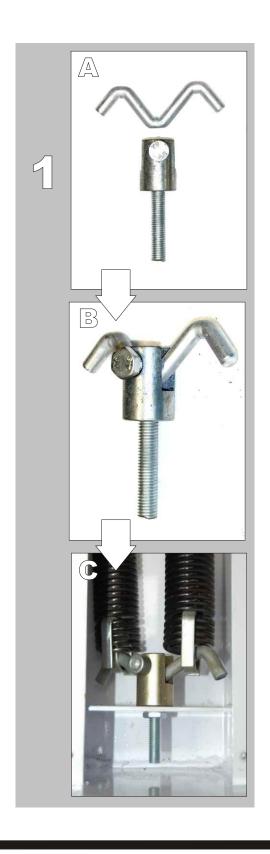
Fit the operating handle to the boom using the lower bolt.
Fasten the assembly by tightening a 2nd nut onto the bolt.

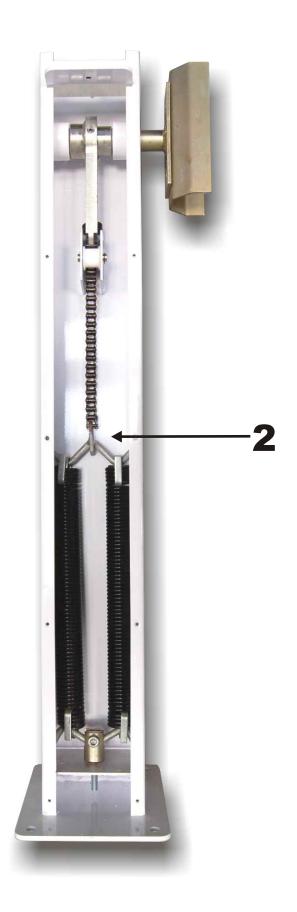
## Boom

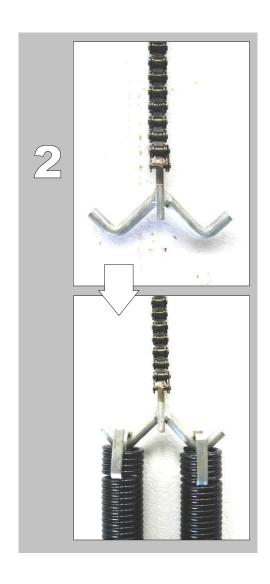
## FITTING A DUAL SPRING TO A 6m CENTINEL MANUAL BOOM ASSEMBLY FOR POLES THAT WEIGH +/- 1kg/m

The standard South African round boom pole wighs 0,8kg/m and does not require the dual spring with the 6m model.









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