CENTINEL
Barrier Internal Spring Assembly

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FIGURE 1. CENTINEL BARRIER INTERNAL SPRING ASSEMBLY

1. 3m Boom pole
2. 4.5m Boom pole
3. 6m Boom pole

(Zero Washers)
(Two Washers)
(Three Washers)
## Boom Pole Profile

<table>
<thead>
<tr>
<th>Boom Pole Profile</th>
<th>Pole Length</th>
<th>Number of Springs Required</th>
<th>Spring Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>76.2 x 1.27 Aluminium tube = 0.81kg/m</td>
<td>3m</td>
<td>1 (white)</td>
<td>1094100100</td>
</tr>
<tr>
<td>76.2 x 1.27 Aluminium tube = 0.81kg/m</td>
<td>4.5m</td>
<td>1 (red)</td>
<td>1094100200</td>
</tr>
<tr>
<td>76.2 x 1.27 Aluminium tube = 0.81kg/m</td>
<td>6m</td>
<td>1 (black)</td>
<td>1094100300</td>
</tr>
<tr>
<td>76.2 x 1.8 Aluminium tube = 1kg/m</td>
<td>3m</td>
<td>1 (red)</td>
<td>1094100200</td>
</tr>
<tr>
<td>76.2 x 1.8 Aluminium tube = 1kg/m</td>
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</table>

1. See page 7 for installation procedure

### Table 1
FITTING THE BOOM POLE

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 equivalent to the thickness (A) of the end cap, between the end of the boom pole and the clamping piece.

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

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

FIGURE 7

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

FIGURE 8
Fitting a dual spring to a 6m CENTINEL manual boom assembly for poles that weigh ±1kg/m

The standard South African round boom pole weighs 0.8kg/m and does not require the dual spring with the 6m model.
FITTING A DUAL SPRING

FIGURE 11. FITTING A DUAL SPRING

FIGURE 12