



*Hall Stage*  
PURVEYORS OF INNOVATIVE ENGINEERING SINCE 1898

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The cable should be threaded through the jockey pulley (the swivel pulley underneath the spring post of the cable head pulley) then over the slider pulley on the sprung post and on through the hole in the back plate. (Diagram 1)

The cable should be passed through the track to the line guide at the overlap point and is then left exposed on the outside of the track until it reaches the return pulley. It is then passed round the return and is sent back through the centre of the second half of the curtain track once again to the line guide at the overlap. Here it continues exposed again until you reach the back plate of the cable head pulley. (Diagram 2)

Feed the cable through the back plate over the opposite slider pulley and finish off going down over the second jockey pulley. (Diagram 3)

One line of the cable is now lead down to the cable drum. Thread the end of the cable through the small hole in the end of the groove farthest from the winch handle. Pass the cable through the inside of the drum and out through one of the holes in the face of the drum. Once done secure the cable off at one of the lozenge shaped cable clamps. (Diagram 4)

Turn the winch handle in which ever direction the cable winds on in until the drum is completely filled with cable. (Diagram 5)

Feed the free line through the small hole in the face of the drum nearest to the winch handle. (Diagram 6)

At this point it is very important that the two pulleys on the sprung posts are fully compressed (Diagram 7) and a reasonable tension is achieved within the track. To do this pull on the free cable line until both slider pulleys hit the back plate. You may have to help the cable on the fixed side over the slider pulley to obtain maximum tension. During this procedure it is important to hold the handle to stop the winch from revolving.

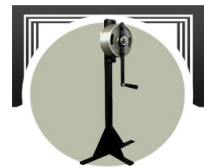
With the slider pulleys fully tensioned secure the free line at the remaining lozenge shaped cable clamp.

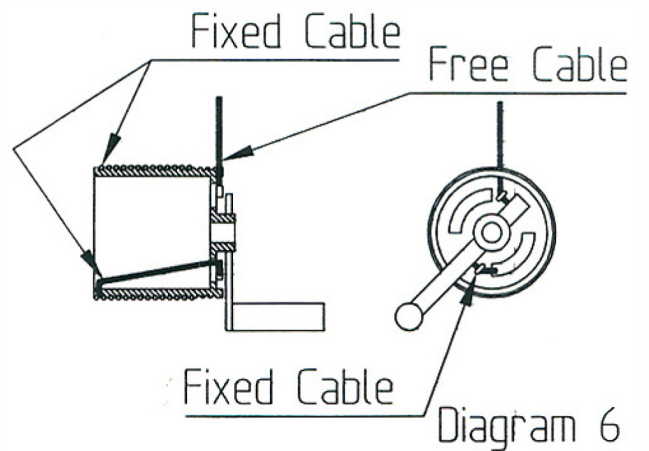
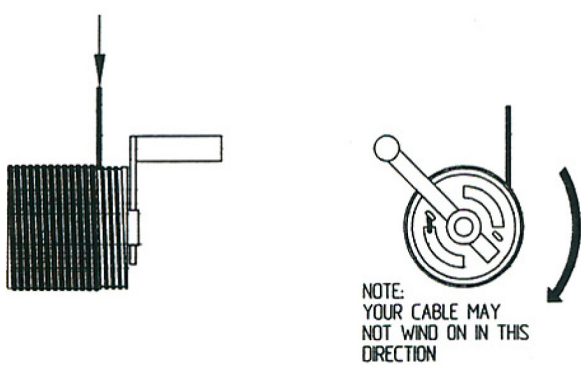
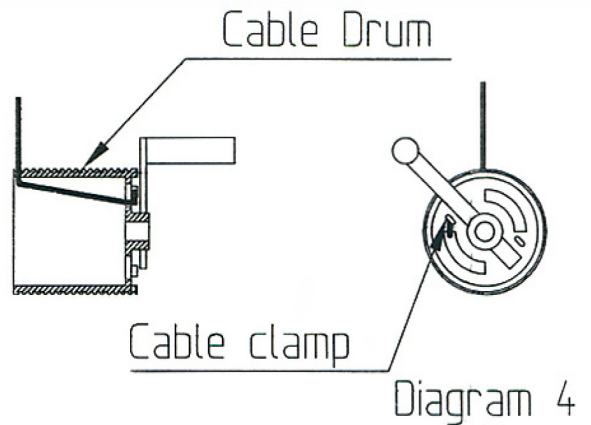
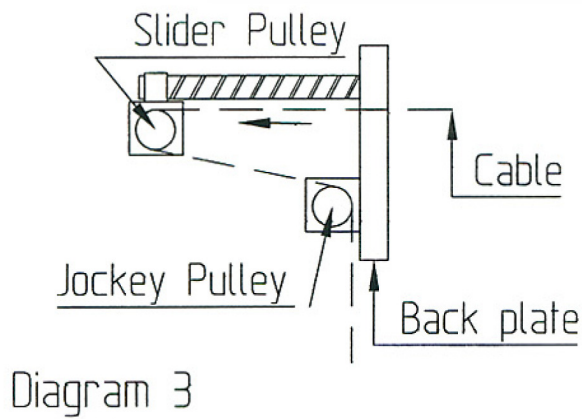
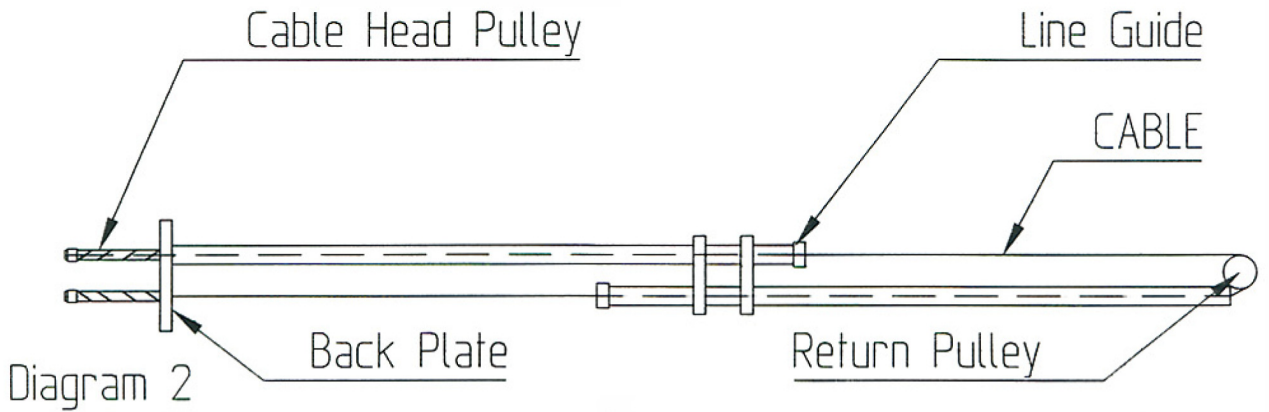
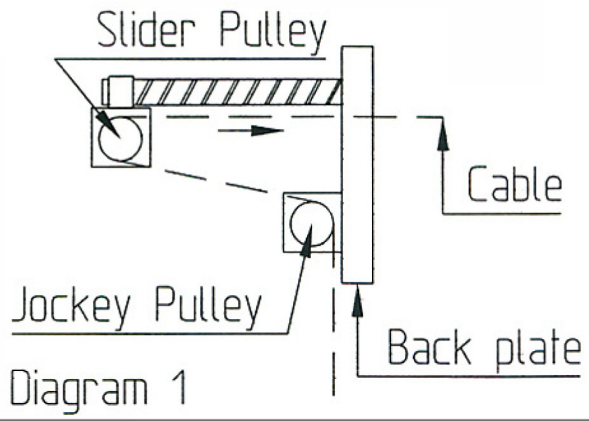
Turn the drum in the opposite direction to which you fed the first cable on. As the drum is now revolved the first cable should wind off while the other reels on. Turn the drum until the first cable is within two turns of the side of the drum taking note of which direction the cable runs inside the track. (Diagram 8)

If the cable moves within the track towards the open, then fix the two master carriers in the open position (Diagram 9a). Likewise if the cable moves within the track towards the closed then the master carriers should be fixed at the overlap. The track is now ready for use (Diagram 9b).

After a period of time, dependent on the amount of track use, the new cable will have stretched and tension will be lost in the track. The track should be returned to and the cable unwound from the drum. The spring pulleys should be recompressed and the drum re-cabled as explained above.

With the cable now stretched the track should require very minimal maintenance other than periodical cleaning and the cable should not need replacing until it shows signs of wear.





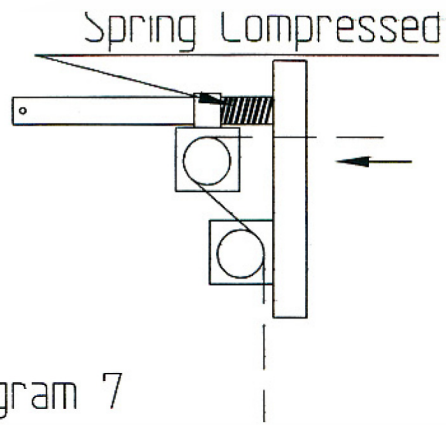


Diagram 7

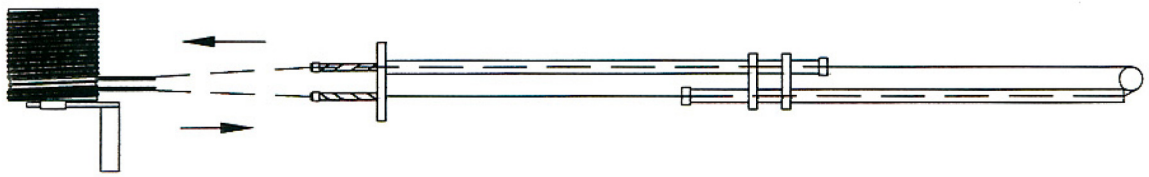
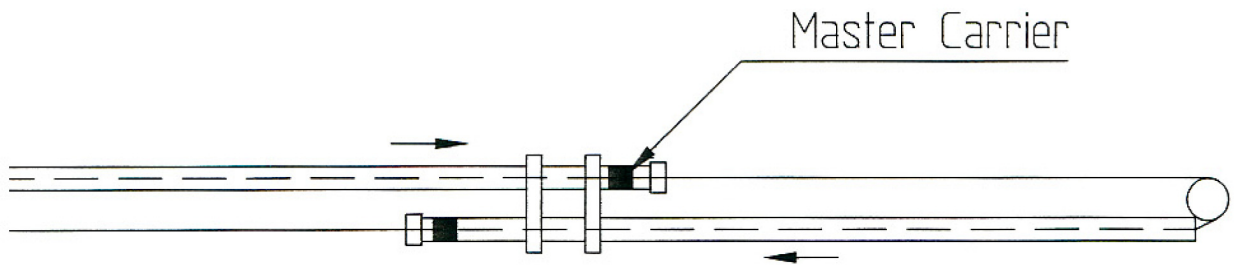
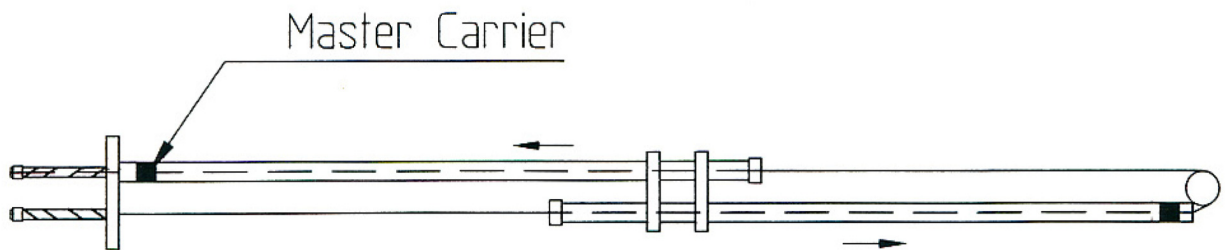


Diagram 8



Cable moving towards overlap  
Fix master carrier at overlap (closed posn.)

Diagram 9A



Cable moving away from overlap  
Fix master Carrier at Trackends (open posn.)

Diagram 9B