Cautioning points when assembly

Conston spring can be used in varieties of applications, and the assembly methods may vary through. Here, we describe basic cautious points when assembly by using SB type series for lifting up window as an explanation example.

In this drawing, bracket is attached to conston spring, but please note that in normal type of conston spring and CS type, there are no bracket attached. Please combine our optional items (SBR) or prepare attachment components by yourself for setting the conston spring.

GOOD and NG way of attachment

- For vertical operation
  - Can be also used with the end plate or bracket part fixed.

- For horizontal operation
  - Attach from this side.
  - Screw right below the shaft.

- Window (Object)
  - Opposite pulling direction
  - Extreme bending

- Bracket (Option)
  - End plate
  - Conston spring

- Please set with the Fig. 1, pulling position for the conston spring unit.
  - Do not set with the Fig. 2 position as the conston spring may interfere with the bracket.
  - The life cycle may decrease when any foreign object gets attached.

- Attachment angle error
Please do not pull the conston spring exceeding the specified stroke. The spring may come off from the drum and lead to injury. The standard stoke amount is describe on the end of conston spring.