Elevation Window Control System - Window Actuator Installation Instructions

**Items Supplied**
- A Actuator
- B Mounting Screws (x2)
- C Sash Bracket
- D Sash Bracket Screws (x2)
- E Power Loom (2m)
- F Control Loom (2m)
- G Wire Cover
- H Wire Cover Screw
- I Chain Limiter Plug (x2)
- J Chain Limiter Cap
- K Clutch Cap
- L Clutch Tool
- M Pivot Brackets (x2)
- N Pivot Bracket Screws (x4)
- O Synchronisation Loom (1.8m)
- P Rain Sensor (cable length 2m)
- Q Network Adaptor (Rain Sensor and Network Adaptor can be seen over the page)

**Purchased Separately**
- Marker
- #2 Phillips Screwdriver
- #2 Sq Driver Bit
- Power Drill
- 3mm Drill Bit
- 8mm Drill Bit
- Long Nose Pliers
- Small Flat Screwdriver
- Silicon (IP68 rating required)

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**Optional**
- Synchronisation Loom (1.8m)
- Rain Sensor (cable length 2m)
- Network Adaptor (Rain Sensor and Network Adaptor can be seen over the page)

**Recommended dimensions only: for further information please visit website: assaabloy.co.nz/elevation**

**Synchronisation**: 1 x Synchronisation Loom required for double Actuators. Loom connection as per step 10. Excess cable (up to 300mm) can be stored in the wire cover area inside the housing. Remove outer sheathing before tightly bunching inside Actuator.

**Items Supplied Purchased Separately Tools Required**

1. **Select Single or Double Actuators Per Window**
2. **Select Chain Exit Height**
3. **Select Fixed or Pivot Bracket Mounting**

4. **Prepare Fixing Holes**
5. **Set Chain Length**
6. **Refer Regulations For Chain Limiting**
7. **Connect Cables**
8. **To achieve IP30 rating, seal wire exit points with silicon**
9. **Secure Actuator**
10. **Secure Sash Bracket**
11. **Set Chain Length**
12. **Move Chain Back 20mm**
13. **Align the Chain Limiter Plug with the slotted hole in the chain link, then push firmly into place. Rotate 90° to lock into place. To remove, rotate 90° and pull out.**
14. **Secure the Actuator to the window sill with screws supplied. Use the Clutch Tool to extend the chain if required. The chain can rotate at the Sash Bracket for ease of access to the fixing screws.**
15. **Fit Clutch Cap**

**Insert the Power Loom, tighten terminal screws. Insert the Control Loom, firmly push into place**

**Note**: Synchronisation Loom not supplied.

**Recommended dimensions only: for further information please visit website: assaabloy.co.nz/elevation**
### FREQUENTLY ASKED QUESTIONS

- **How many items can I run on a 'network'?**
  The 'network' can handle 32 devices. Each Actuator acts as one device, each Network Adaptor also acts as one device. The use of synchronisation of two Actuators only counts as one device.

- **Can I use two operators on one window?**
  Yes. The Synchronisation Loom (purchased separately) is required for two Actuators on one window.

- **Can I restrict the window opening?**
  Yes. This is done as per step 3 (over page). Any changes to the chain opening length must be done via the chain limiter plug hole.

- **How do I know which power lead should go where?**
  The system allows for the power loom to be inserted in either terminal.

- **What is the largest sash size for one Actuator?**
  We recommend that the maximum sash width of 900mm and maximum weight of 30kg for one Actuator. A maximum sash width of 1800mm for two Actuators. Please refer to the website for additional information.

- **When do I need to use pivot brackets?**
  The use of pivot brackets is primarily with small height windows (e.g., 300mm). Please refer to the website for additional information.

- **Can I use more than one Rain Sensor?**
  Yes. You can use up to four Rain Sensors on the one network.

- **Can the Rain Sensor control individual windows?**
  No. The Rain Sensor will control all the windows on the network. This can however be achieved with a Keypad network.

- **Will all the windows close when the Rain Sensors detect rain?**
  No. The Rain Sensor will close all the windows on the network. This can however be achieved with a Keypad network.

- **Can you override a Rain Sensor that has closed the windows?**
  Yes. However, the Rain Sensor will not reactivate until it has dried and reset.

- **Will my windows re-open automatically once the rain has stopped?**
  Yes. However, the Rain Sensor will not reactivate until it has dried and reset. Automatic reopen function is available on a Keypad network.

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