

Flexiglass Canopy Installation Guide

Flexiglass Kit 1

Remote Central Locking Kit to suit Flexiglass Tradesman, Premier & Tray Top Canopies with 3 windoors including Remote Control & Protection Bracket Kit (PB Kit 1)

1. Check contents of package which consists of
 - 6 Actuators
 - 4 Side Window brackets (marked side)
 - 2 Rear Window Brackets (marked rear)
 - 1 Control box and mounting bracket
 - 2 Remotes
 - 1 Wire loom with plug to controller
 - 12 8g x 12 self drill screws
 - 12 3.5mm pop rivets
 - Protection Bracket Kit

2. Suggested materials you may need
 - Pop rivet gun
 - 3.5mm pop rivet drill
 - 3mm automotive wire 10 Amp
 - 10mm loom tube and or 25x16 Electrical duct
 - 5mm automotive wire 15Amp
 - Crimp tool for red insulated terminals
 - Female red bullet connectors



3. Installation: (Note if you are unsure of these steps please refer to the picture gallery at www.canopylocks.com.au)

- 1) Open side window. Select location for the side window bracket (close to handle but leave enough room so as not to interfere with movement of handle, and making allowance for the protection bracket to be installed). Drill two holes through the bracket and into the window frame with a 3.5mm pop rivet drill. Using the pop rivets supplied install the bracket onto the top of the window frame with the bent edge facing up.
- 2) Where the side window bracket is now installed place an actuator on the inside of the window frame under the bracket with the actuator pin extended upwards and line up the pin to the center of the hole in the bracket and the shoulder on the pin to the underside of the bracket. Now push the pin of the actuator fully down to make sure that the top of the pin clears the bracket so the window can be opened. Secure actuator to window frame using the 2 of the 8g x 12 screws.

Note: The hole in the bracket may have to be enlarged to ensure that the pin moves freely with the window handle in the open or closed position. This can be done by using a file to make the hole larger. The bracket can also be bent up or down to ensure the actuator pin engages with the pin when locked and clears the bracket when unlocked.

- 3) Repeat step 1 & 2 for all 4 side window handles.
- 4) Hold an actuator on the rear window frame as near as possible to the window handle but not as to interfere with the movement of the handle, and making allowance for the protection bracket to be installed. Then place and mark the position of the rear window bracket on the frame of the window making sure the lip of the bracket is facing towards the actuator, so if the window closes with the actuator in the locked position the bracket will push the pin into the actuator. Drill the two holes for pop rivets and mount small bracket using supplied pop rivets.
- 5) With the rear window closed and the handle in the closed position line up the actuator with the pin extended so the shoulder on the pin is to the underside and in the center of the bracket and screw actuator onto window frame using 2 8g x 12 self drill screws.
- 6) Repeat step 4 & 5 for other side of rear window.
- 7) Mount controller anywhere in cabin (this is important for ease of accessibility in the event of unforeseen failure). Referring to the wiring diagram, run a 15amp cable to the controller from a positive power source and connect the black wire to a negative, then run 2 wires 1 blue, 1 green from the controller to the first actuator and then loop wires to all other actuators. We found it easiest to run cables in loom tube to inside the canopy and then run a piece of 25 x 16 duct under the window frame from front to rear on each side of the canopy holding it in place with double sided tape and some dabs of silicone. Make sure the duct does not interfere with the movement of the pin of the actuators, however loom tube could be used instead of the plastic duct. Connect all actuators to cabling using female bullet connectors and then connect power to controller. Brown and white wires at controller are only used if optional lock/unlock switch is installed.
- 8) Operate remote controller and make sure all actuator pins travel in the same direction at the same time and when the lock button is pressed all the pins are in the locked position. If the pins are not traveling in the same direction then reverse the connections to each actuator that is travelling in the opposite direction.

PROTECTION BRACKETS

Place a protection bracket over the top of an actuator and mark the position for holes to be drilled through the bracket. Drill one hole at each end of the bracket with a 4.5mm drill, then screw the bracket onto the window frame using the 8g x 12 screws supplied making sure that the bracket does not interfere with the movement of the handle.

Repeat for all other actuators.