

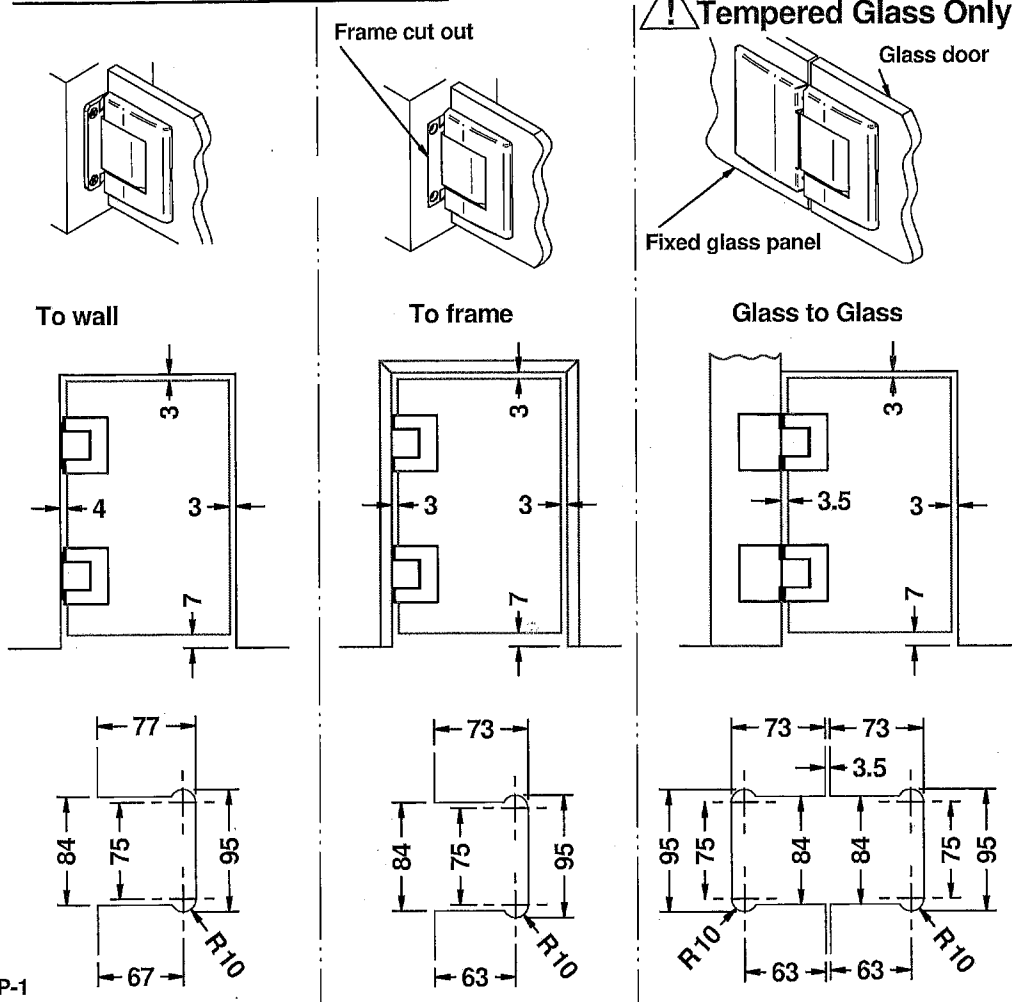
Hydraulic Hinge Installation Instruction



- * Patented in many countries .
- * Self-closing with adjustable closing speed .
- * Each side with 90° hold-open ; Max. open angle 95° .
- * REMARK :
Non hold-open please specify upon ordering .
- * Glass Thickness : 8~12mm(5/16"~1/2") .

For indoor use	Max. door weight	Max. door width
Hydraulic hinge x 2pcs	100Kgs(220lbs)	1000mm(40")
Hydraulic hinge x 2 + Dummy hinge x 1	120Kgs(264lbs)	1000mm(40")
Hydraulic hinge x 1 + Dummy hinge x 1	60Kgs(132lbs)	900mm(36")

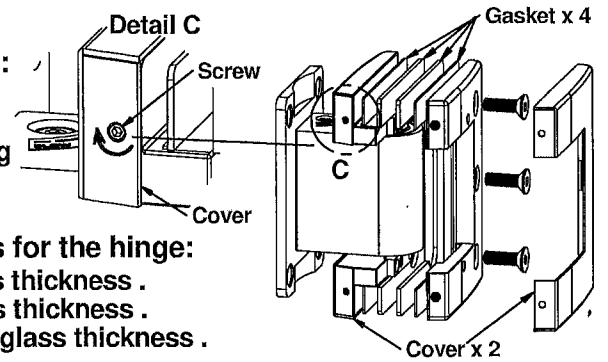
* Door gaps & Glass cut out : (Unit : MM)



P-1

* Preparation of hinges :

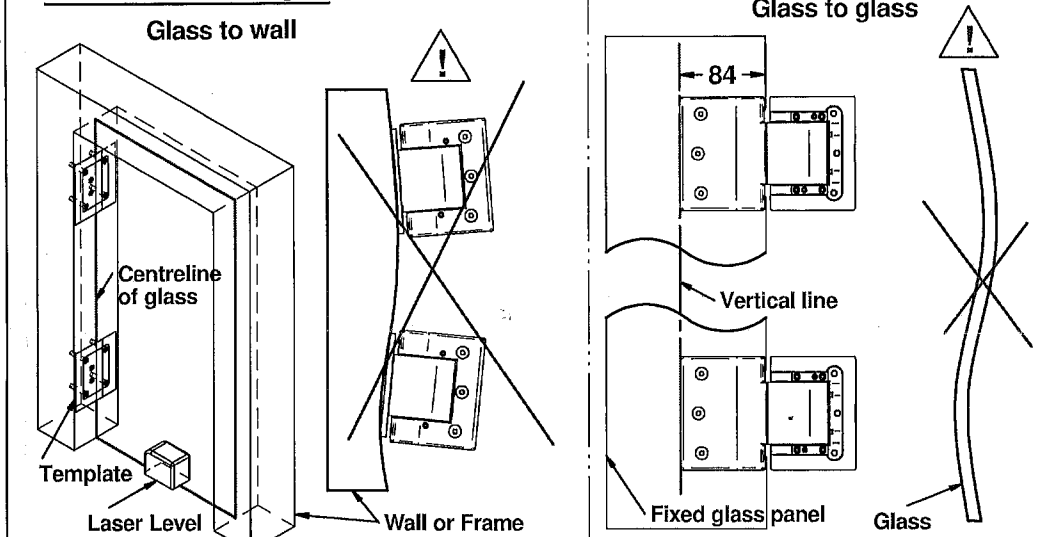
- * How to take the covers off :
 a. Before installation turn the hinge to 90° from base plate.
 b. Take the covers off by turning the screws inwards in arrow direction .



* How to choose the gaskets for the hinge:

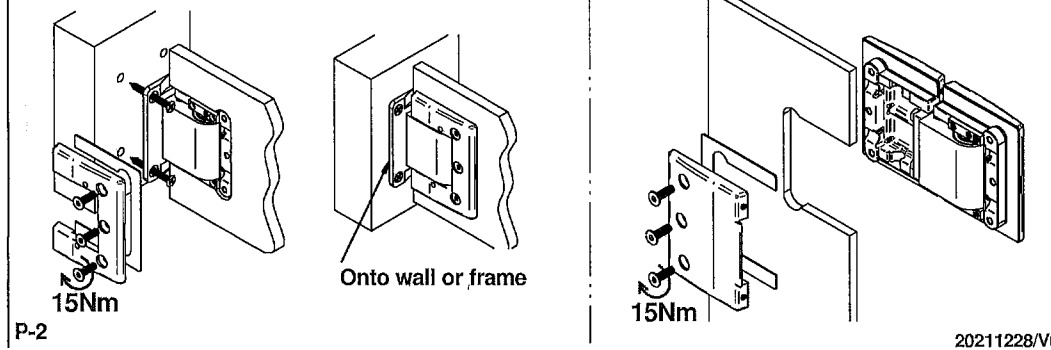
- a. 1mm per side for 12mm glass thickness .
- b. 2mm per side for 10mm glass thickness .
- c. 1mm+2mm per side for 8mm glass thickness .

* How to fix the hinges :

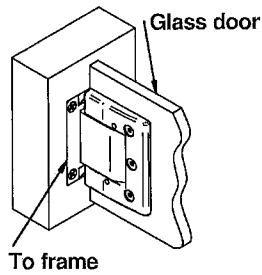
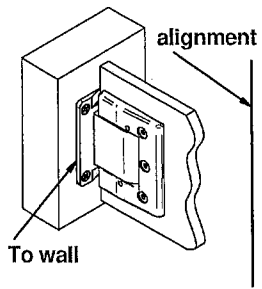


1. Set the templates and align to the centreline of glass by the laser level.
2. Fix the base plates after drilling holes according to the templates .

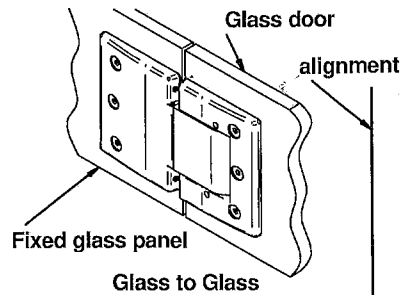
1. Fix the hinges to fixed glass panel and align to the vertical line . Tightening torque 15Nm .



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3. Fix the glass door to the hinges and align to the frame or side panel. Tightening torque 15Nm.

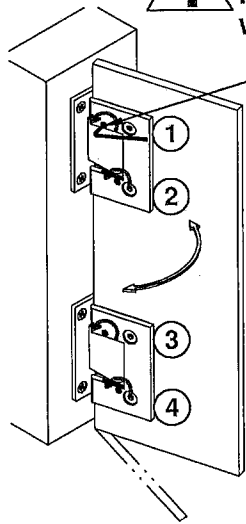


2. Fix the glass door to the hinges and align to the frame or side panel. Tightening torque 15Nm.

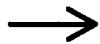
*** How to adjust the door to 0° position or desired position :**



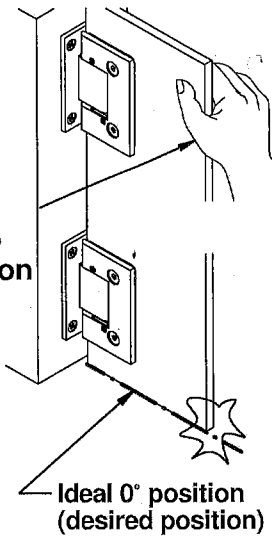
Only if the door can not close at 0° or line up with side panel, adjustment will be required.



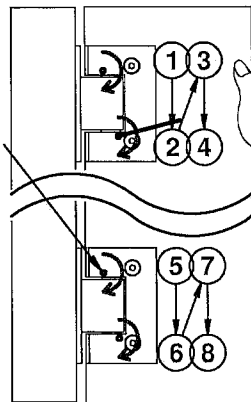
(1) Loosen 4 set screws 180°



(2) Push glass to ideal 0° position



(4) Tighten 4 set screws in turns

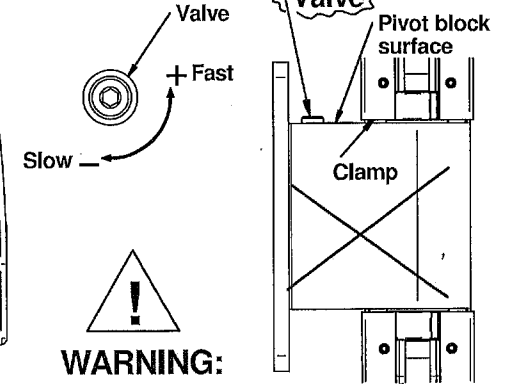
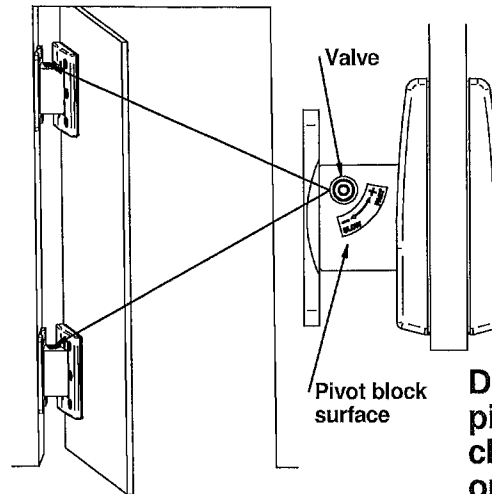


(3) Holding the door at the desired position



If the set screws are loose, it could caused thread damage or noise when you close or open the glass door.

*** How to adjust the Closing speed :**

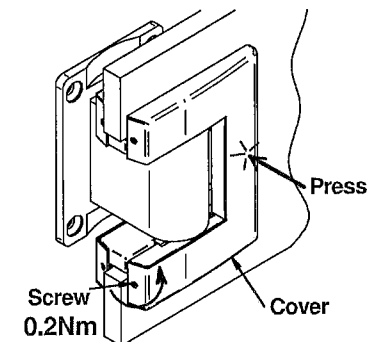
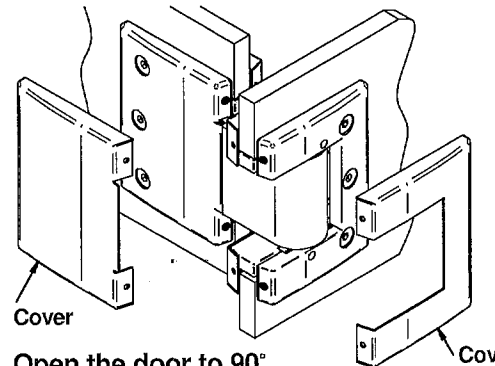


WARNING:

Do not turn the valves over the pivot block surface it will hit the clamp and if the valves are taken out will cause oil leaking.

1. Open the door to 90°.
2. Close the valves by turning to "Slow -" direction until come to a complete stop for both hinges.
3. Open the valve by turning to "Fast +" direction, only turn 1/4 circle each time of both hinges and try the closing speed till the desired speed, ensure to turn the valves of both hinges at the same number of circle.

*** Complete the installation :**



1. Open the door to 90°.
2. Put on the covers and press covers firmly by hand.
3. Fixing the covers by turning the screws outwards with max. torque 0.2Nm to complete the installation.



WARNING:

1. No any oil needed, or it will damage the hinge and cause noise.
2. If need to install 3rd hinge for heavier door, the third hinge is not to be installed in the center of door, the correct position should be about 25cm (=10") from the top hinge.