

## Fitting Instructions –AGB Eclipse Self-Closing Adjustable Concealed Hinge

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For best results when fixing AGB Self-Closing Concealed Hinges follow these instructions.

Atlantic recommends this product is fitted by a joiner.

Before beginning installation, check the product is as required/ordered.

Separate out all components supplied as follows:

X1 Concealed hinge

X4 Cover Plates

You will also require

- 1/4" collet router – Recommended you use a plunge router that has turret stops
  - Atlantic UK Router Jig
  - Top Guided Router Bit – Atlantic UK recommends that you use the Trend C121BX1/4TC
- 1) First, mark out the desired position of the hinge on the door. Use the indexing mark on the jig to line up the correct location, and clamp in place.
  - 2) Next, set the router bit to the correct depth for the hinge leaf, on the sash side, accounting for the depth of the jig.
  - 3) Now, using the correct template, router out for the leaves, DO NOT MOVE THE JIG
  - 4) Adjust the depth of router to cut out for the hinge body, if you are unable to get to the full depth, you can drill out further using a 22mm drill bit.
  - 5) You will now need to drill out for the spring. This is marked out on the drilling diagram below.
  - 6) Now remove the jig from the sash and mark out the correct hinge location on the frame side, and clamp the jig in place using the indexing marks on the jig. Also fit the correct inserts into the router jig.
  - 7) Set the router up to the correct depth for the leaves of the hinge and route them out.
  - 8) Change the template for the main hinge body one, DO NOT MOVE THE JIG.
  - 9) Router out for the main hinge body, making sure to router out to the correct depth. Once again, if you need to deepen the mortice, you can do this with a 22mm drill bit.
  - 10) Remove the jig and clean out any sawdust in the mortices.

- 11) Repeat the above steps for the correct number of hinges for the door. Atlantic UK recommends doors up to 40kg, you use 2 hinges, and 60kg you use 3 hinges per door.
- 12) Push the hinges into the frame side and fix in place. Slacken off the vertical adjustment screws.
- 13) Offer up the door and push the hinges into place fixing them into the door.
- 14) Move the door on the adjustments within the hinge until the reveal is even all the way round.
- 15) Finally clip the cover plates onto the hinges.

