

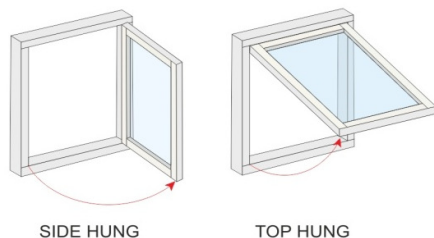


Window Hinges Fitting Instructions

IMPORTANT:

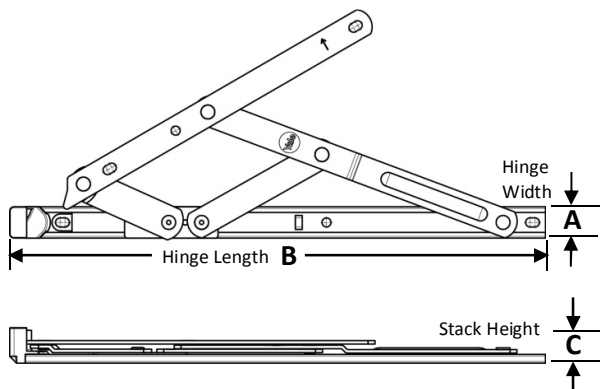
- Before fitting your new window hinge, check that you have the correct hinge for the required application.
- Window hinges are supplied in pairs. The window hinges should be replaced at both sides even if only one is faulty.

Check your window orientation



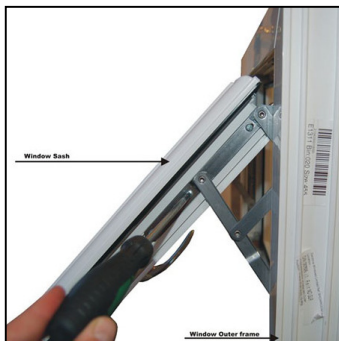
- If your window handle is at the bottom of the window you need TOP HUNG hinges.
- If your window handle is on the side of the window you need SIDE HUNG hinges.

Check your hinge size



Right Hand Hinge Shown

- Measure the existing hinge length (Dim B)
- Check the width of the hinge (Dim A)
- Check the stack height (Dim C)
- Measure the total length of the hinge part that is screwed to the main outer frame. The length of the replacement hinge does not have to be an exact match, but should be as close as possible to the original size.
- Measure the stack height – these typically come in 13mm and 16mm to suit different window profiles
- Check the width – Yale window hinges are 18mm wide to fit the most popular window profiles.



Remove the vent / sash and hinges from the fixed frame

- There are normally 3 or 4 screws holding the hinge to the vent / sash and 3 or 4 screws holding the hinge to the outer / fixed frame. **Note: Care should be taken when removing or installing the vent/sash due to the potential weight and size, so an assistant may be required at this point.**
- When the screws are removed, note the positions from which they were removed if they are different and put the screws to one side as you will need these to fit your new hinge. An assistant may be required
- If the hinges are riveted on to the window frames using Pop or Peel Blind Rivets the fixing rivets will need to be drilled out, removed and replaced with new rivets using a riveting tool / gun, otherwise the procedure is the same as for screws.

Remove the hinges from the vent / sash

1. Mark the position of the hinges on the vent / sash to aid accurate replacement.
 - a. For example make a pencil mark aligned with a hinge feature that is common to the old and new hinges.
 - b. Alternatively accurately measure the distance that the head of the hinge protrudes beyond the corner of the vent / sash and note the dimensions.
2. Remove the hinges from the vent / sash by unscrewing the hinge fixing screws.
 - a. Note the positions from which they were removed if they are different.

Replacing the window hinge

Identify the left and right (top hung) or top and bottom (side hung) hinge in the pair

- Hinges only open correctly in one direction, which is marked by an arrow on the length of the hinge.
- For hinges sold in pairs, the arrow on each hinge will point in opposite directions.
- The arrow direction determines which side of the window you fix the hinges to – so when the hinge is fixed to the window the arrow should point in the direction of the opening direction as well.

Fit the new hinges to the vent / sash

3. Position the hinges on the vent / sash using the marks or measurements taken during removal.
4. Insert and tighten all fixing screws, taking care not to over-tighten and damage the threads. If the screws are different ensure they are put back in the same places.
5. Check correct operation and adjust if not correct.

Fit the new hinges and vent / sash assembly to the fixed frame

6. Lift the vent / sash and hinges assembly into the fixed frame.
Note: Care should be taken when removing or installing the vent/sash due to the potential weight and size, so an assistant may be required at this point.
7. Position the hinges either into the corner of the fixed frame or to the dimension taken during removal (2. Above). An assistant may be required.
8. Insert and tighten all fixing screws taking care not to over-tighten and damage the threads.

Product Maintenance

When you first install the hinges, it is recommended that you put one drop of light grade lubrication oil on to each hinge point – and always keep the track free from dirt and grime. It is good practice to clean, lubricate and check the tightness of all fixing screws / rivets every 12 months.



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