

Swan Systems Furniture Limited

Unique Sliding Wardrobes

Head Office, Showroom & Factory Address

Unit 6, The Tanneries, East Street, Titchfield, Hampshire, PO14 4AR

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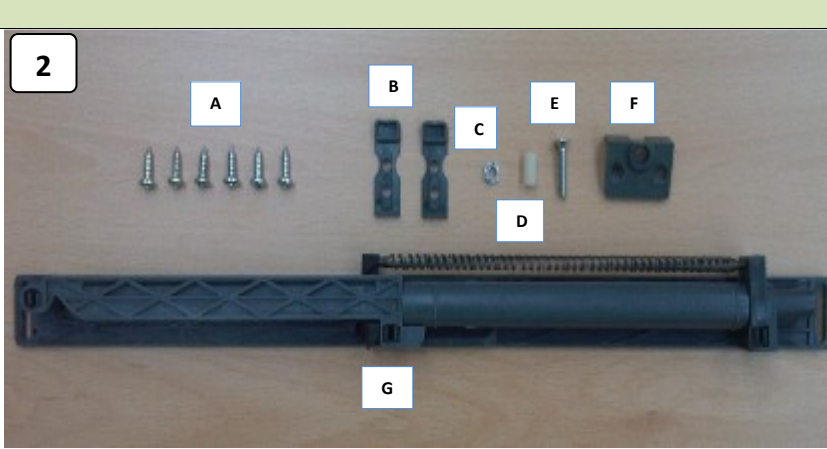
Soft Close Unit Technical Guide

We have had a soft close unit created just for the Swan Systems Sliding Wardrobe, unique for our product range. This document will give you all the technical information needed to install the unit.

Important Information

The “damper” system we have made works with ***all*** of Swan Systems Sliding Wardrobe components exclusively. This is due to the precise engineering used to create the unit.

Installation specification

<p><u>Bag of contents</u></p> <p>Each Swan Systems soft close damper unit will arrive individually packaged, with RIGHT or LEFT hand printed on the packaging</p>	<p>1</p>  A photograph showing the soft close damper unit in its original clear plastic packaging, which is placed inside a cardboard box. The unit is long and cylindrical with a textured surface.
<p><u>Contents description</u></p> <p>A – 6 x 3mm x 8mm Phillips pan head screws B – 2 x damper locators C – Pin nut D – Pin sleeve E – Pin F – Pin housing G – 25-50kg LEFT or RIGHT hand damper Not in shot, the extra spring</p>	<p>2</p>  A photograph showing the components of the damper unit laid out on a light-colored surface. The main damper unit is labeled G. Above it are six screws (A), two damper locators (B), a pin nut (C), a pin sleeve (D), a pin (E), and a pin housing (F).

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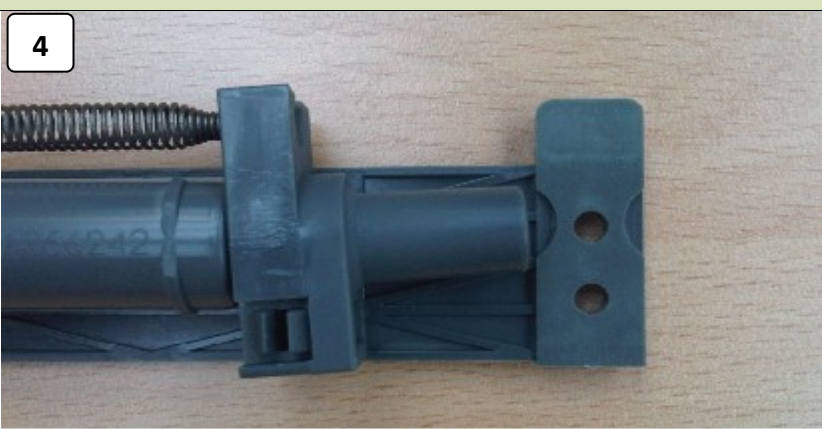
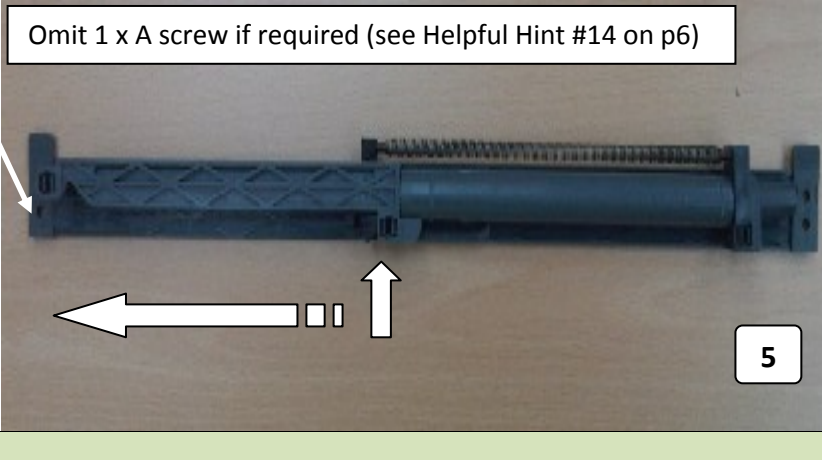
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<p>Clip two B parts to the end of G, located by guide plastic pin</p>	<p>3</p> 
<p>Repeat the exercise at both ends of G</p>	<p>4</p> 
<p>When fitting the soft close unit up into the top track, make sure:</p> <ol style="list-style-type: none">1) The spring is pulled into the charged position2) The spring faces to the front of the wardrobe3) The charged position points inwards along the track	<p>Omit 1 x A screw if required (see Helpful Hint #14 on p6)</p> 

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<p>Close up of parts C,D,E & F</p>	<p>6</p>  <p>Diagram 6 shows four components: a metal nut (C), a white plastic pin (D), a metal screw (E), and a dark grey plastic housing (F).</p>
<p>Push part E through F and tighten with part C. Push on part D</p>	<p>7</p>  <p>Diagram 7 shows the screw (E) inserted through the housing (F) and the nut (C) being tightened onto it.</p>
<p>Finished pin housing</p>	<p>8</p>  <p>Diagram 8 shows the completed assembly with the white plastic pin (D) inserted into the housing (F).</p>

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<p>On completion of the assembly of your Swan Systems Sliding door, measure 294mm and 314mm from the outside end of stile and 10mm from back side of aluminium rail. Pilot drill both holes to 3mm</p>	<p>9</p>
<p>Use 2 x part A screws to attach completed pin housing. For installation purposes, you should attach pin housing just before the doors are installed</p>	<p>10</p>
<p><i>Image right is a vertical shot of the Swan Systems track set.</i></p> <p>After installation of the Swan Systems top track, measure 93mm and 463mm from the door closed position and 16.5mm from the back of the front top track, pilot drill 2 x 3mm holes.</p> <p>Swan jigs are available on request.</p>	<p>11</p>

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<p>Slide in part G with B and attach with 2 x A screws, pilot drill the last 2 holes and use the last 2 x A screws to make soft close damper unit secure. Check soft close unit spring is charged.</p>	<p>12</p>  <p>Wardrobe front</p> <p>Spring side</p> <p>The diagram shows a cross-section of a wardrobe door assembly. A dark-colored soft close damper unit is being inserted into a track. An upward-pointing arrow is labeled 'Wardrobe front' and a leftward-pointing arrow is labeled 'Spring side'. A box with the number '12' is in the top left corner of the diagram area.</p>
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Helpful installation hints

1. Each pack will have a spring attached to the unit and an additional spring to accommodate the heavier weights of the doors being fitted
2. Once the Swan Systems Sliding Door aperture has been created, use the Cutting formula.xls door form to create the finished door sizes
3. Double check you have these measurements from the underside of the top track to the top of the door stile. Mirror and panel 28mm min to 30mm max. Small or larger dimensions will cause the doors to not shut or incorrect working of the soft close damper unit.
4. Unwind the Swan Systems door wheel housings to minimum, this helps when installing doors due to the extra length of the pin housing
5. The holes on the top of the doors should be drilled during the door being manufactured
6. Drill holes in top track
7. Screw pin to door
8. Install doors and level up
9. Install damper in track
10. Close door
11. Top track soft close damper unit and pin housing jigs are available - fabricating/ manufacturing of the doors will require the door jig and the installation/ fitters will require a track jig. Free of charge when you order 100 (one off).
12. For use of 2 dampers per door, a door width of 700-750mm is required. For a 3-door run and soft close on each back door, minimum width is 2000mm
13. When ordering, please indicate quantities of left hand and right hand units
14. In research and development of the soft close unit, tests show you may need to omit the Philips screw in section 5 of this document to help the pin guide
15. The spring attached to the soft close unit will hold doors up to 25kg. Doors that are heavier or seem to need an extra pull, please use the extra spring provided.

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16. The ratio of soft close units to doors are:

- a. 2 door run – 2-4 soft close units
- b. 3 door run – 3-4 soft close units
- c. 4 door run – 4 soft close units
- d. 5 door run – 4 soft close units

Technical Support

Greg Warder is available to speak to about this if you should experience any issues. He can be contacted the following ways:

Main phone: 01329 843636

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Email: info@swansystemsuk.com