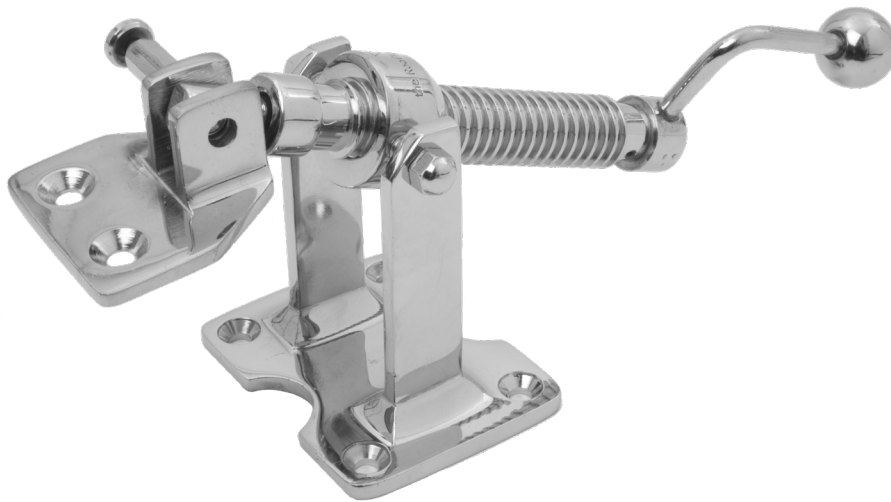


Installation Manual

Ironmongery Spindles



The Conservation Rooflight

SECTION 1 - How to use this manual

- Welcome
 - General
 - Contents
-

WELCOME

Thank you for choosing this ironmongery spindle from The Rooflight Co. We are sure that it will provide a high-quality finishing touch to your roof window. This guide is intended to assist building contractors and homeowners in installing the ironmongery. Please take the time to read and carefully follow these instructions. Particular attention should be paid to the **'CARE AND MAINTENANCE'** section at the back of this installation guide.

GENERAL

Please note: where a roof structure is shown details pertain to COLD ROOF construction and CLAY tile type installed 'on the rafters', with use of the flashing kit.

TEXT- Highlighted in **BOLD** indicates a point of special importance.

CONTENTS	PAGE
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SECTION 2 - Product range

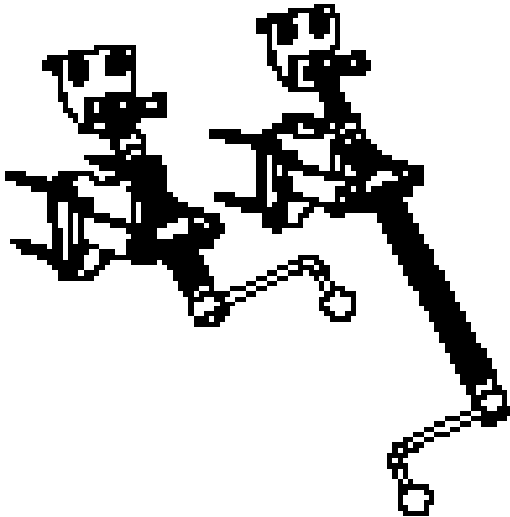
- Typical options
- Larger roof window options

PRODUCT RANGE

> Typical Options

HYPO MINNER

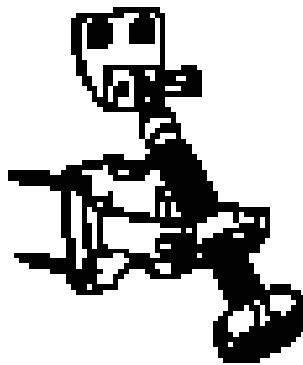
Microptic with front wheel for roof windows with rack.



HYPO MINNER	HYPO MINNER
HYPO MINNER	HYPO MINNER
HYPO MINNER	HYPO MINNER
HYPO MINNER	HYPO MINNER

HYPO WHEEL

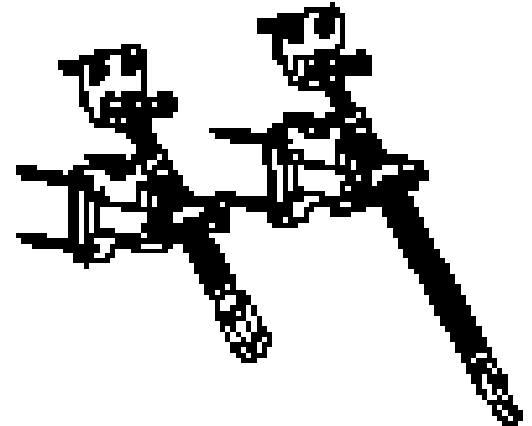
Microptic with front wheel for roof windows with rack.



HYPO WHEEL	HYPO WHEEL
HYPO WHEEL	HYPO WHEEL
HYPO WHEEL	HYPO WHEEL
HYPO WHEEL	HYPO WHEEL

EPELET

Microptic with push-button for roof windows and all racks (additional push is optional/extra)

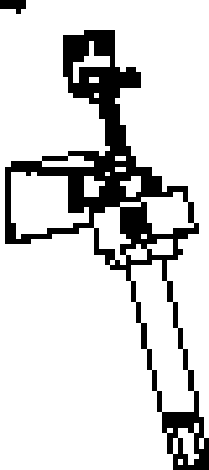


EPELET	EPELET
EPELET	EPELET
EPELET	EPELET
EPELET	EPELET

> Emergency Operation for large roof windows

OPTION M & T

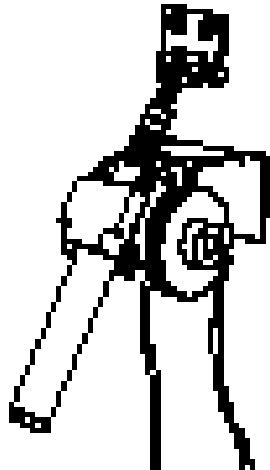
Frontal, standard, push-button for roof windows and all racks (additional push is optional/extra)



OPTION M & T	OPTION M & T
OPTION M & T	OPTION M & T

OPTION P

Frontal, standard, with coil-operated gear for roof windows and all racks.



OPTION P	OPTION P
OPTION P	OPTION P



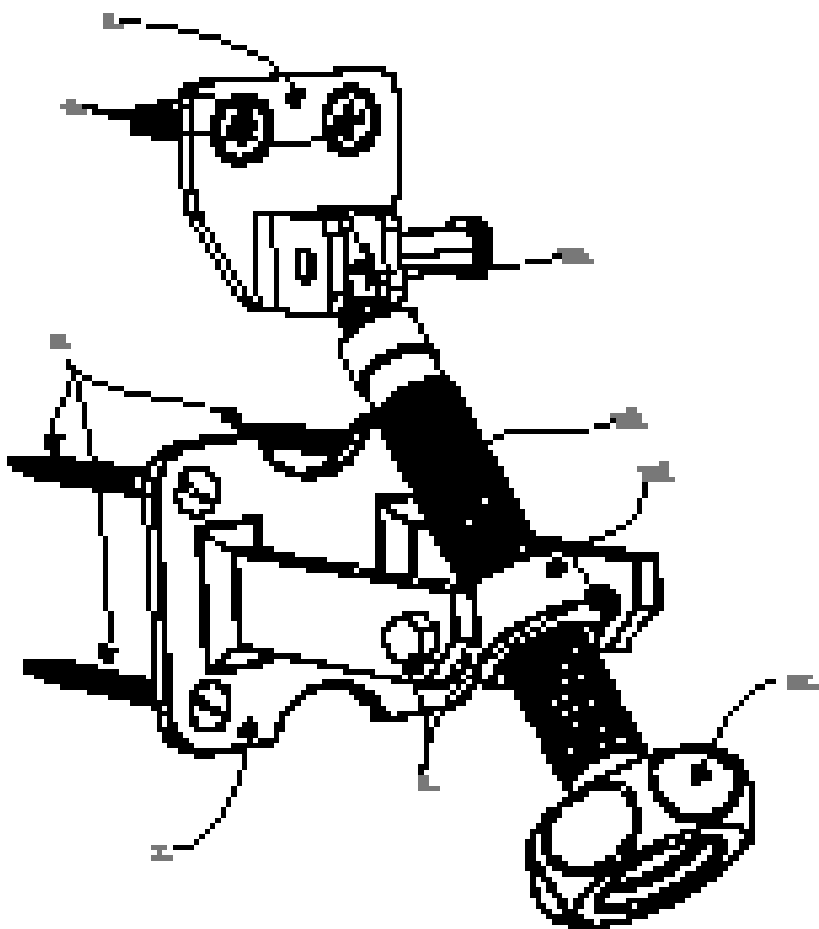
NOTE: Please be aware that the operation of roof windows and all racks must be provided from the Firelight Company. Please contact our commercial services team.

SECTION 3 - Prior to installation

- Parts List
- Additional tools

CONTENT OF THE BOX

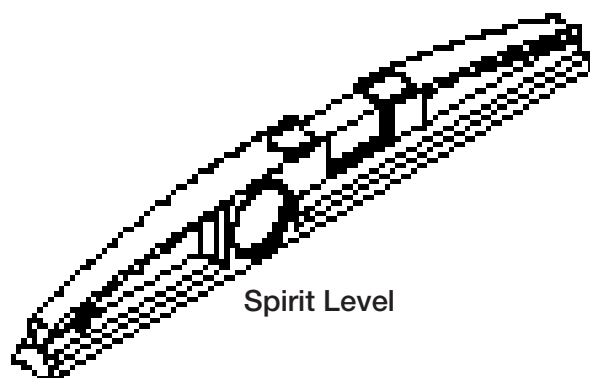
Parts list



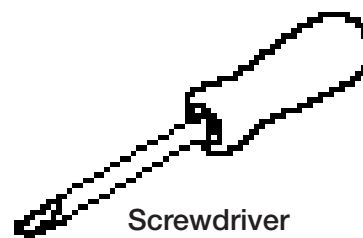
Part No.	Description	Quantity
1	Spring Clip (Plunger & Bracket)	1
2	Ironmongery Support Bracket	1
3	Spindle	1
	3a Inner Spindle	1
	3b Outer Spindle	1
	3c Handle	1
	3d Gimble	1
4	Spindle Retaining Screw	2
5	No. 8 Wood Screws (Ironmongery Support Bracket)	4
6	No. 9 Machine Screws (Spring Clip). 2	

Note: If you are installing ironmongery with a chrome finish, these screws are supplied with the roof window not the ironmongery.

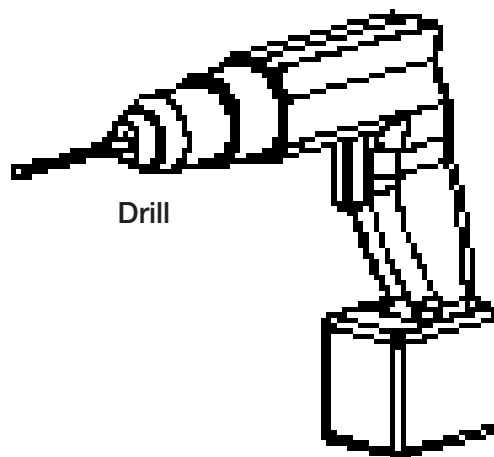
Additional Tools



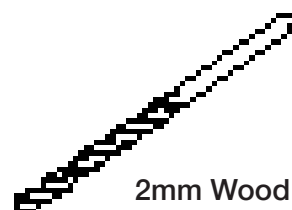
Spirit Level



Screwdriver



Drill



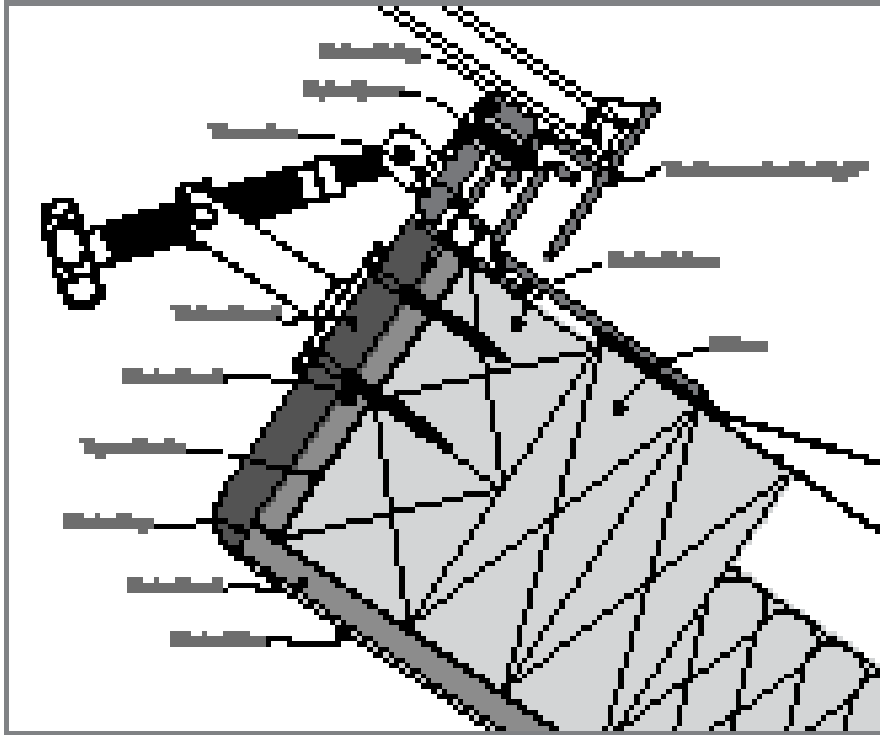
2mm Wood Drill Bit

SECTION 3 - Prior to installation

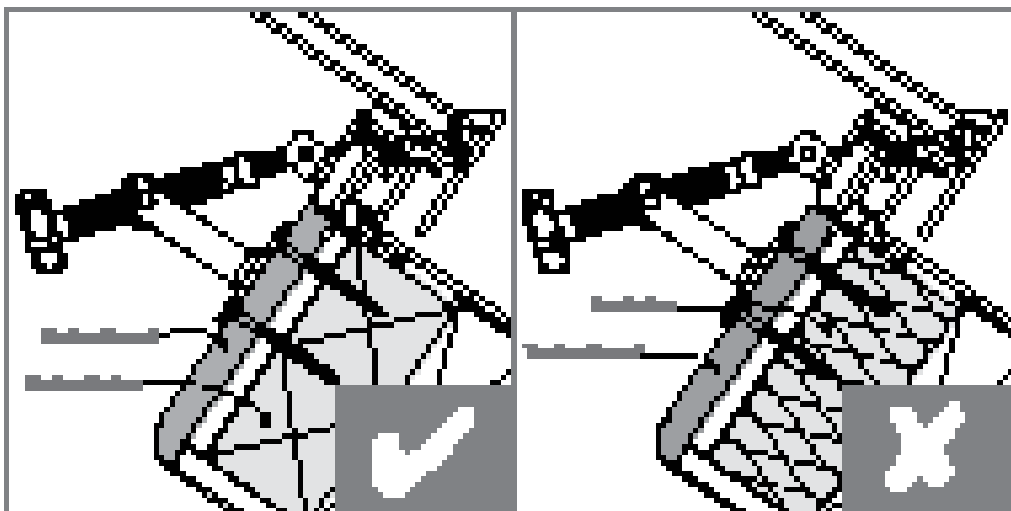
- Checking the roof window installation

CHECKING THE ROOF WINDOW INSTALLATION

Prior to commencing installation of the ironmongery the roof window should be installed per the manual provided.

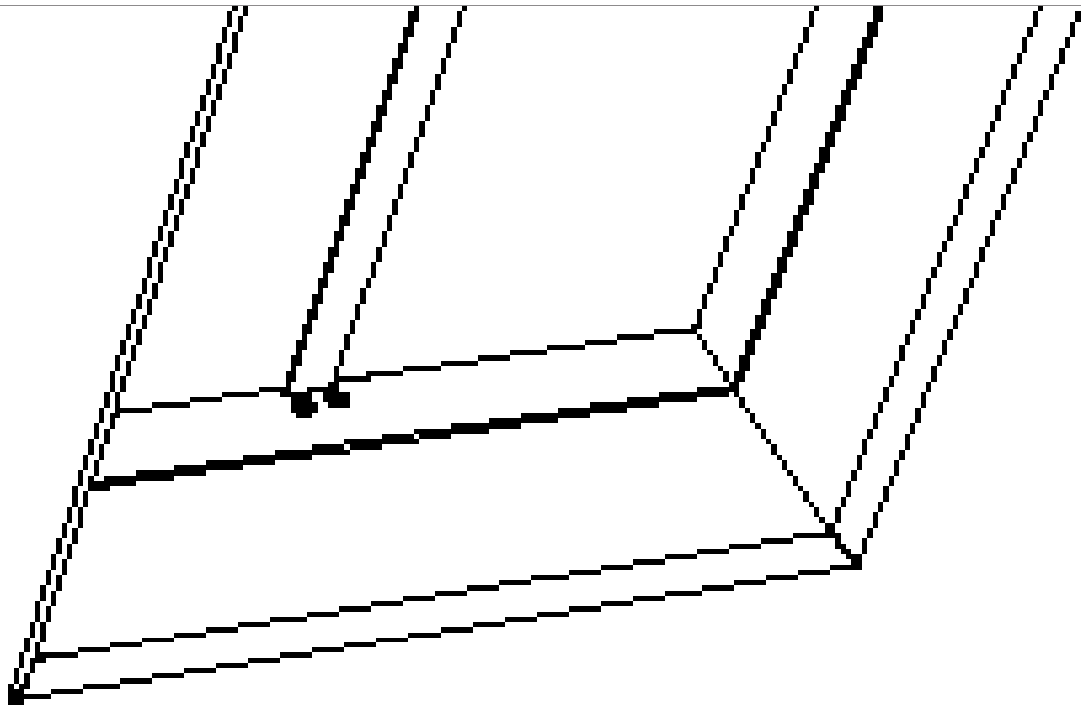


NOTE: The ironmongery needs to be fitted to a solid support, such as timber packers. Voids or insulation filled voids at the cill of the roof window should not be used. Before installing the ironmongery, check the suitability of this support.



SECTION 4 - Installing the ironmongery

- Installation review
- Remove roof window screws

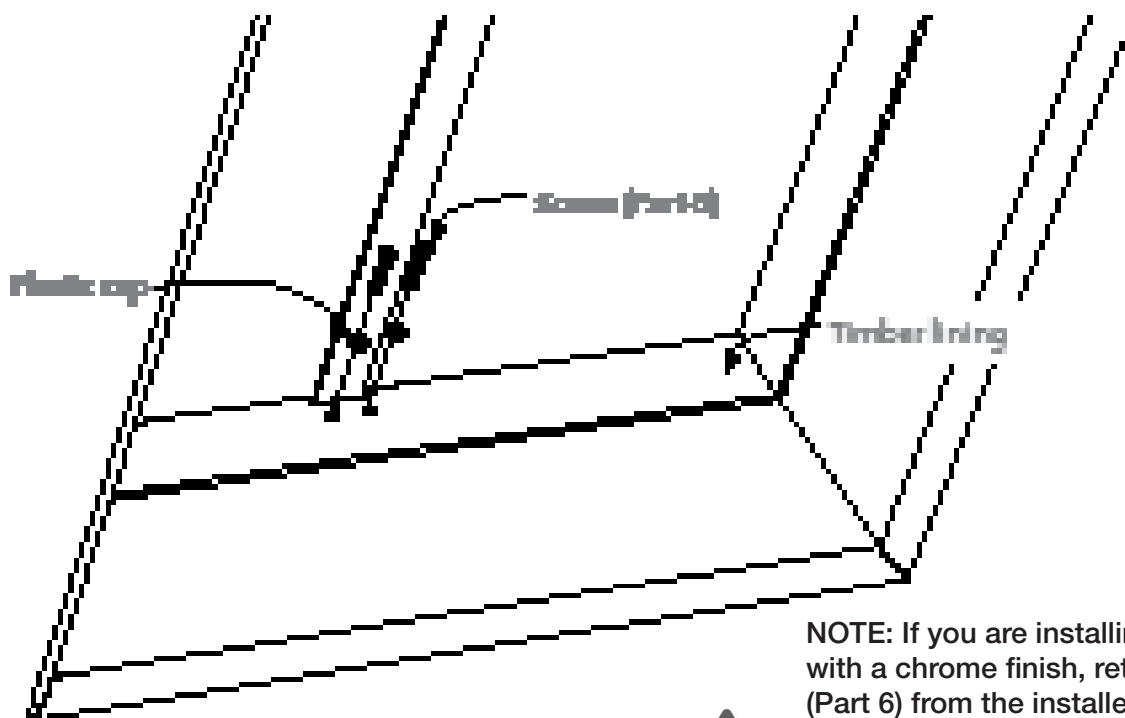


▲ Installation review

Before commencing the installation of the ironmongery, review the roof window installation and ensure it is installed in accordance with its installation instructions.

Using a screw driver, remove the two screws (Part 6) and plastic caps from the timber lining of the roof window. Retain the two screws.

▼ Remove roof window screws

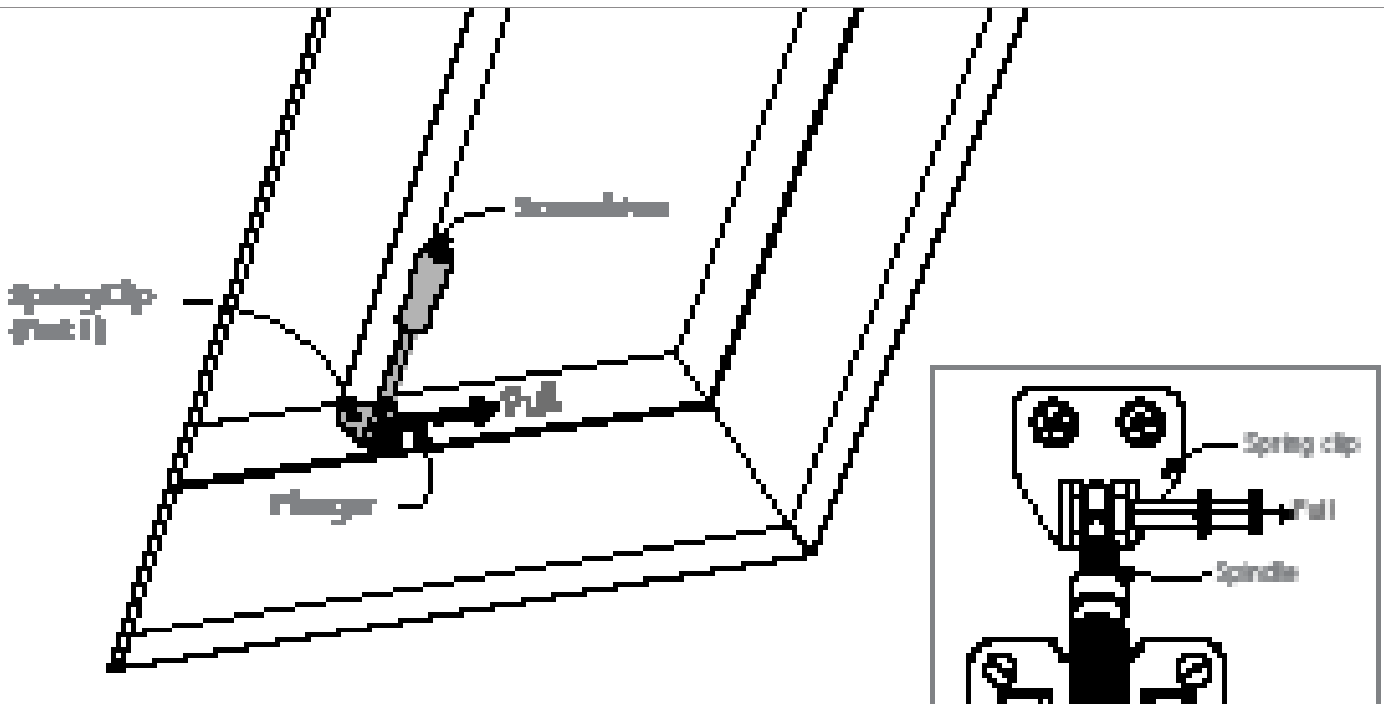


NOTE: If you are installing ironmongery with a chrome finish, retain the screws (Part 6) from the installed roof window to attach to the ironmongery support bracket.



SECTION 4 - Installing the ironmongery

- Spring clip
- Attach ironmongery

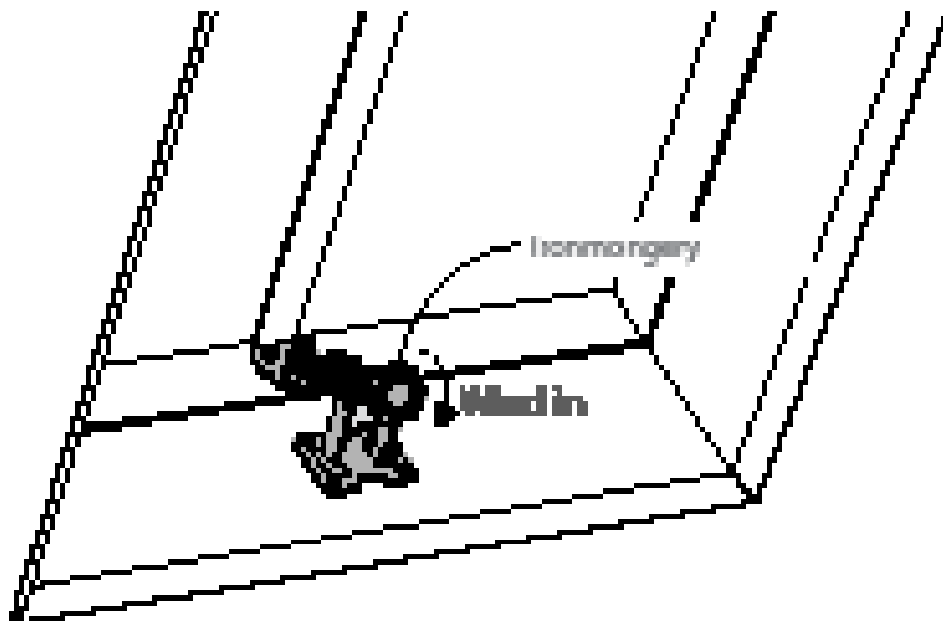


▲ Spring clip

Remove the spring clip (Part 1) from the ironmongery by pulling the plunger out. Fit the spring clip into the timber lining holes with the two screws (Part 6) that had previously been removed.

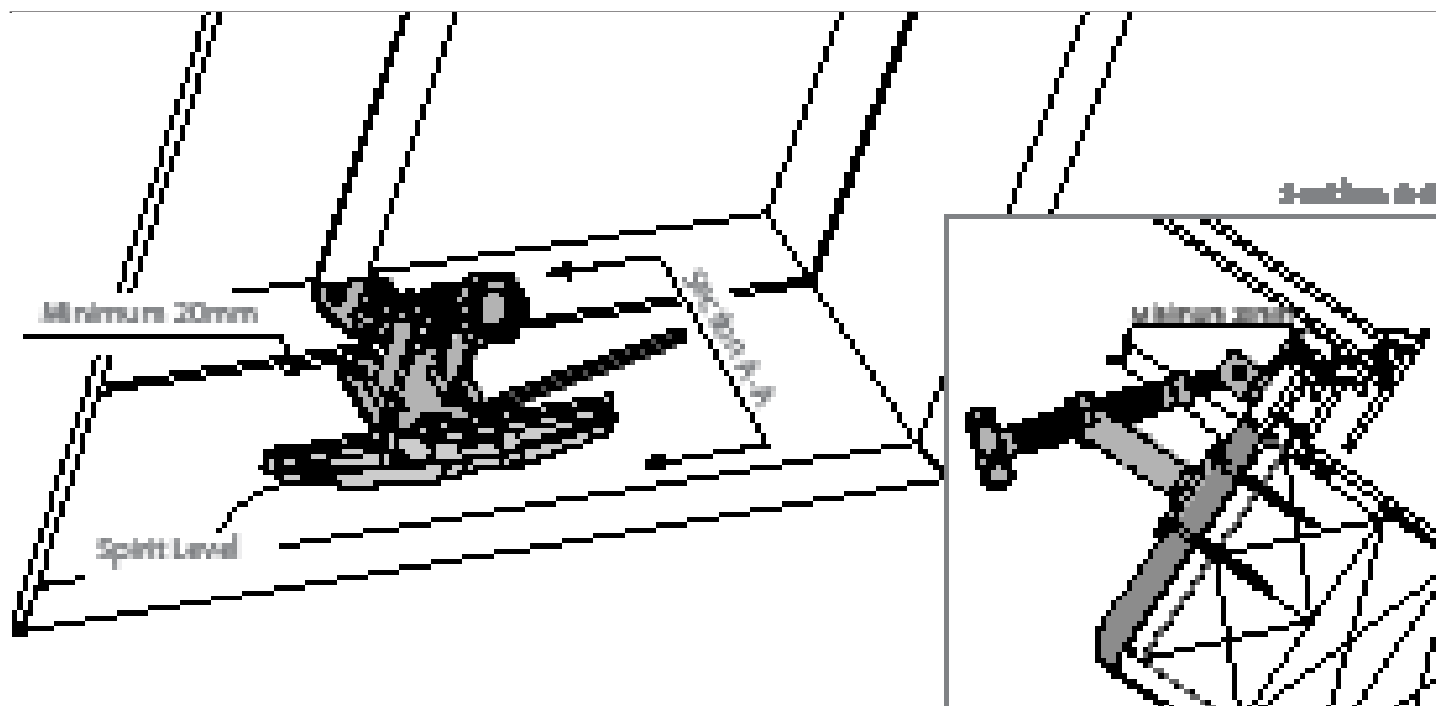
Re-attach the ironmongery (Part 3) to the spring clip (Part 1). Ensure that majority of the spindle is wound in.

▼ Attached ironmongery



SECTION 4 - Installing the ironmongery

- Positioning the ironmongery
- Pilot holes

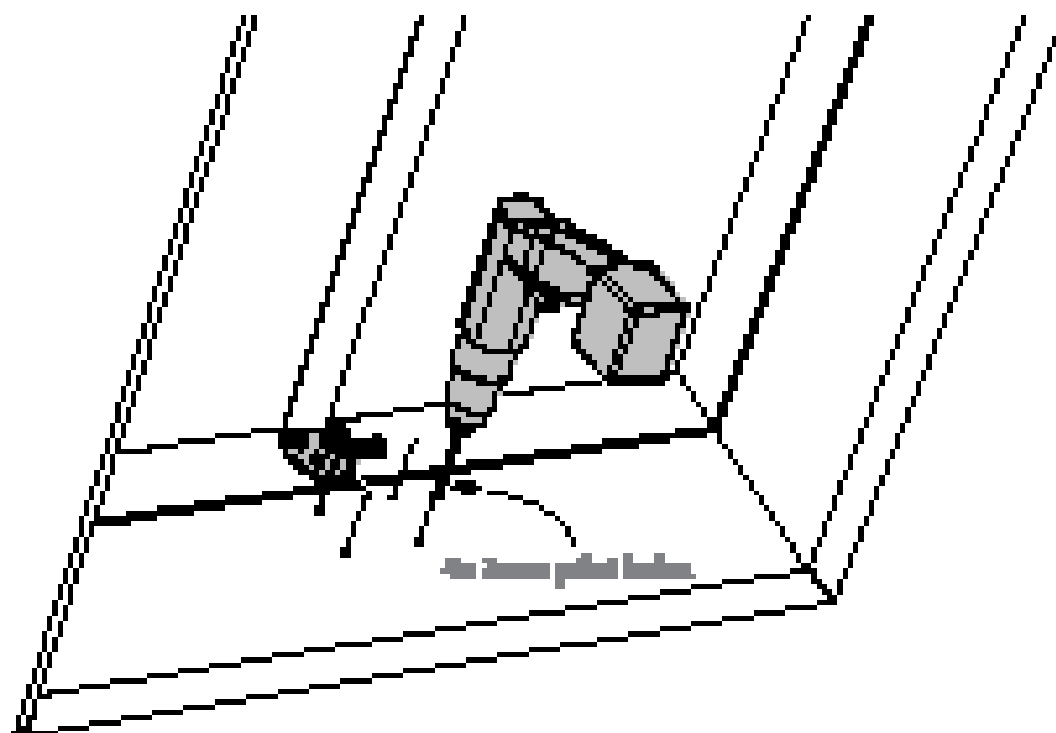


▲ Positioning the ironmongery

Position the ironmongery supporting bracket (Part 2). As shown, use a spirit level to ensure it is level. The aim is to position the ironmongery so it provides as much travel as possible. Once you are happy with the position, mark the four holes to be drilled.

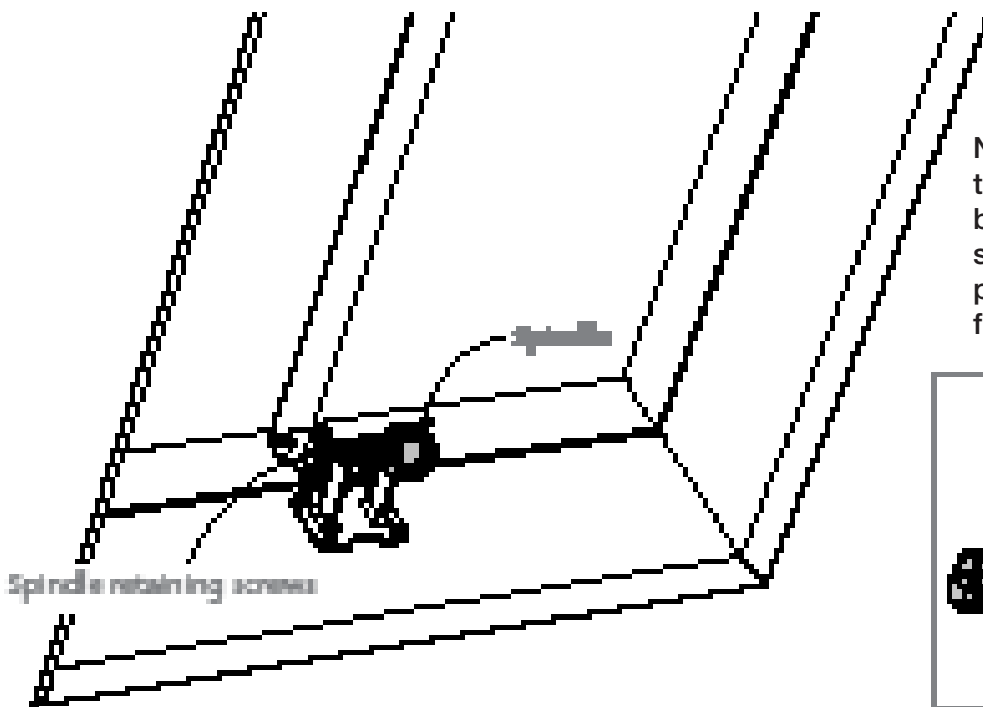
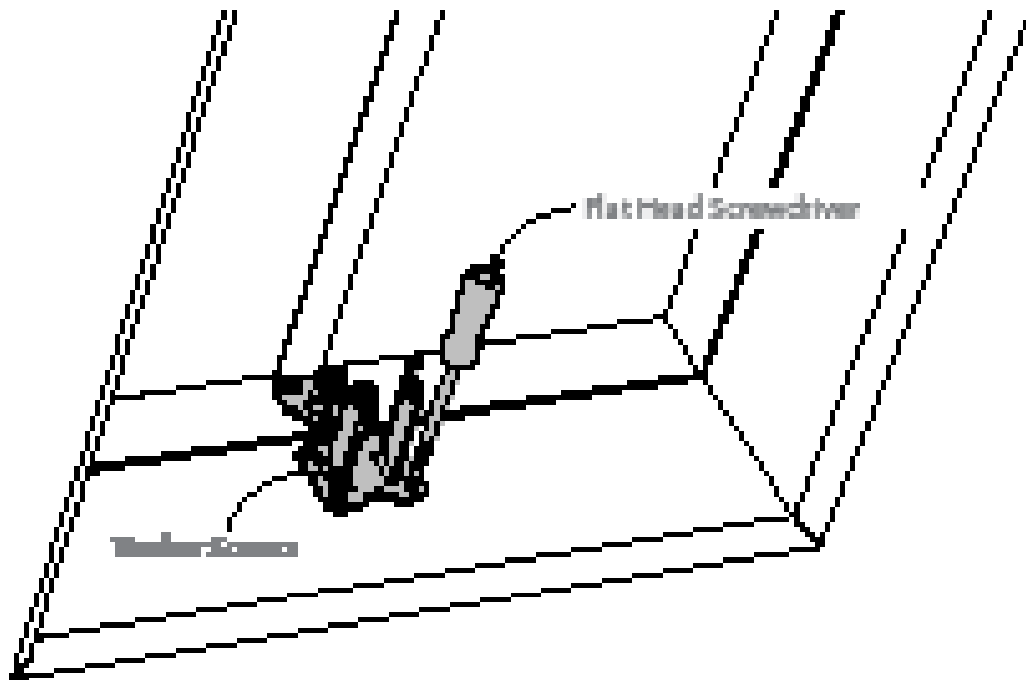
Remove the spindle (Part 3) from the spring clip (Part 2) and drill 4 pilot holes using a 2mm drill bit.

▼ Pilot holes

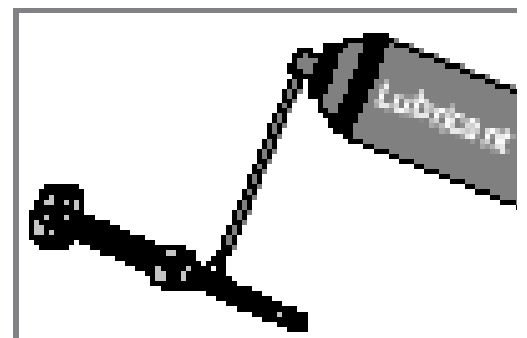


SECTION 4 - Installing the ironmongery

- Fix the ironmongery support bracket
- Re-attach the spindle

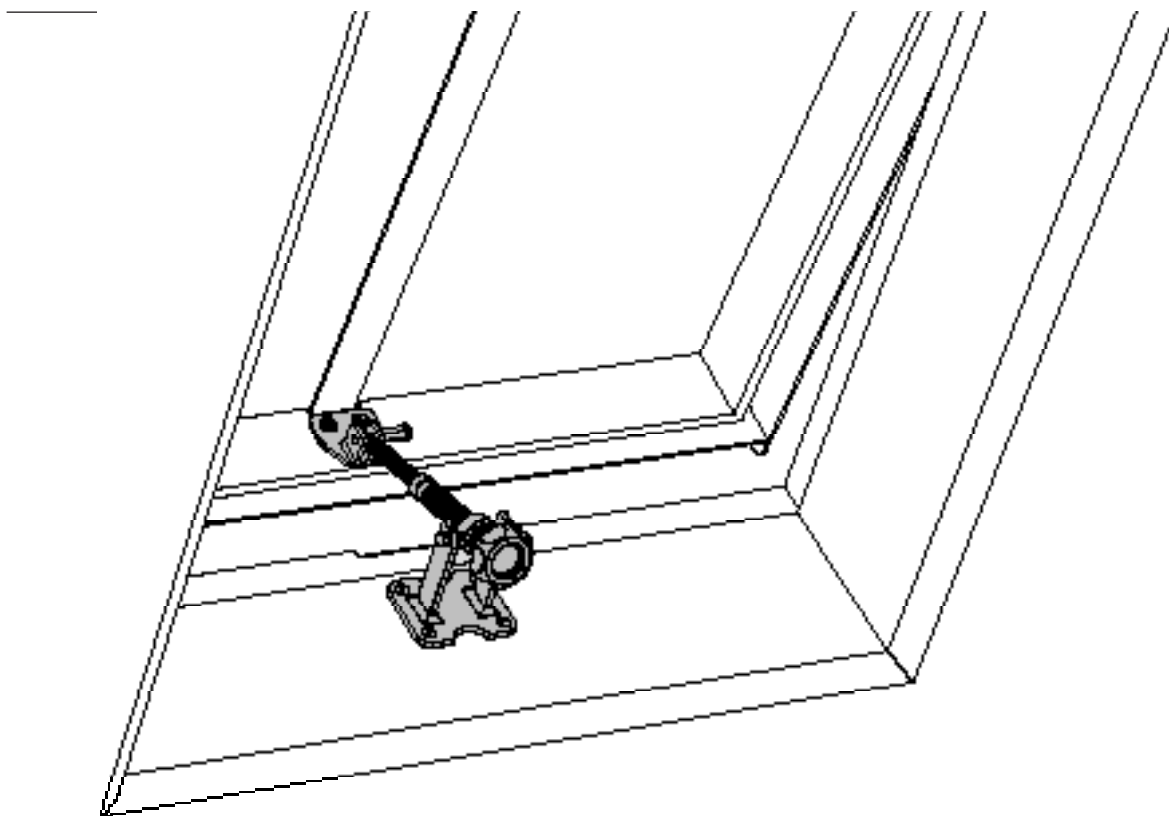


NOTE: If the spindle is attached to the ironmongery support bracket when lubricating the spindle, ensure the paint work is protected to avoid damaging the finish.



SECTION 4 - Installing the ironmongery

- Test



▲ Test

Test the spindle (Part 3) to ensure it runs freely by turning the handle. Ensure the roof window opens level and the fixings are all secure. This then completes the installation of the ironmongery.

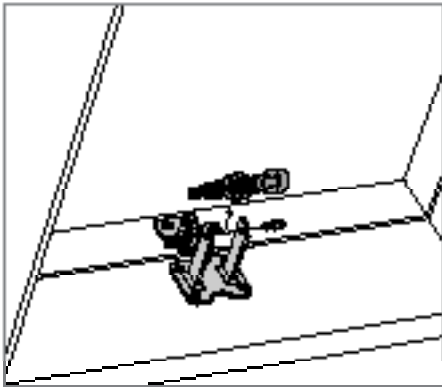
SECTION 4 - Installing the ironmongery

- Care & maintenance

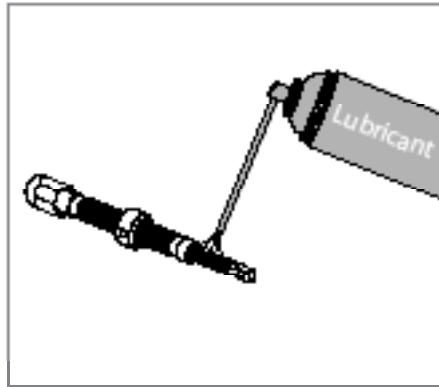
CARE & MAINTENANCE

To achieve the maximum service life from the ironmongery it is important that scheduled care and maintenance is undertaken. Please note that the guarantee may become void if the procedures outlined are not adhered to.

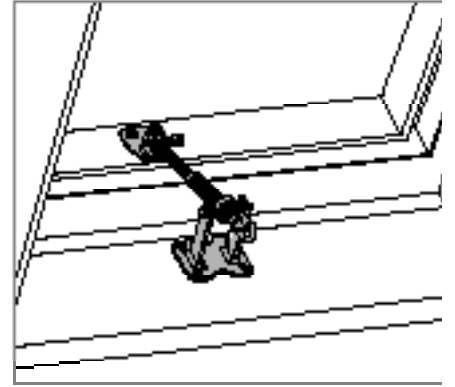
Servicing the ironmongery



Detach the inner spindle (Part 3a) from the spring clip (Part 1) by pulling back the plunger. Remove the spindle from the ironmongery support bracket (Part 2) by unscrewing the retaining screws (Part 4).



Fully unwind the spindle (Part 3). Apply a water-displacing spray (such as WD 40) to the spindle. Fully wind the spindle out to ensure all of the thread is lubricated.



Re-attach the spindle (Part 3) to the ironmongery supporting bracket (Part 2) and spring clip (Part 1). Test the ironmongery is operating.

FURTHER INFORMATION

All of the images in this guide are diagrammatic (with some components omitted for clarity). They should be used as a reference and may not be a true representation of the installation.

Installation instructions are regularly reviewed and we reserve the right to update or amend these details without alteration to this guide.

Installation Manual Ironmongery Spindles

for The Conservation Rooflight

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COTSWOLDS



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CERT/LPCB REF. 2022



No. KM 93754
BS EN 1279-2: 2002
BS EN 1279-3: 2002

In the interest of continuous product development, it may be necessary to amend specification without alteration to technical literature.

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