

Smith Standard Surface Bolt Galvanised 600mm (ASIN: B01I8N07RG)

Smith & Locke Standard Surface Bolt Galvanised 600mm

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Smith & Locke Standard Surface Bolt Galvanised 600mm. This robust and durable bolt is designed for securing gates, doors, and other applications where a strong, reliable locking mechanism is required. Its galvanised finish provides enhanced resistance against corrosion, making it suitable for both indoor and outdoor use. This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your new surface bolt.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing or using this product. Failure to follow these instructions may result in property damage or injury.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure the mounting surface is structurally sound and capable of supporting the bolt and resisting force.
- Keep small parts away from children to prevent choking hazards.
- Do not modify the product in any way. Use only original components.
- If you are unsure about any part of the installation process, consult a qualified professional.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Smith & Locke Standard Surface Bolt (600mm)

- 1 x Strike Plate
- (Mounting screws are typically sold separately and are not included)

4. SETUP AND INSTALLATION

This section outlines the steps for installing your surface bolt. Ensure you have the necessary tools, including a drill, appropriate drill bits, a screwdriver, a measuring tape, and a pencil.

4.1. Identify Mounting Location

Determine the desired location for the bolt on your door or gate. The bolt should be mounted on the surface, allowing the bolt rod to slide freely into the strike plate when engaged. Ensure there is sufficient clearance for the bolt to extend fully.

4.2. Position and Mark Bolt

Hold the main bolt assembly in place at the chosen height. Use a pencil to mark the locations for the mounting screws through the pre-drilled holes on each of the four mounting brackets. Ensure the bolt is level and aligned correctly.

4.3. Drill Pilot Holes

Using an appropriate drill bit for your mounting surface (wood, metal, etc.), drill pilot holes at each marked location. The pilot holes should be slightly smaller than the diameter of your mounting screws to ensure a secure fit.

4.4. Secure the Bolt Assembly

Align the bolt assembly with the pilot holes and secure it firmly using suitable mounting screws (not included). Ensure all screws are tightened to prevent movement.

4.5. Position and Mark Strike Plate

With the main bolt assembly secured, extend the bolt rod to its locked position. Position the strike plate on the adjacent frame or surface so that the bolt rod slides smoothly into its opening. Mark the locations for the strike plate's mounting screws.

4.6. Drill Pilot Holes for Strike Plate

Drill pilot holes for the strike plate's mounting screws as done for the main bolt assembly.

4.7. Secure the Strike Plate

Align the strike plate and secure it with appropriate mounting screws. Test the bolt's operation to ensure it slides freely and locks securely.



Figure 1: Smith & Locke Standard Surface Bolt Galvanised 600mm. This image displays the complete Smith & Locke Standard Surface Bolt. It features a long, galvanized steel bolt with a bent handle at one end, designed for manual operation. Along the bolt, there are four U-shaped mounting brackets, each with two pre-drilled holes for secure attachment. A separate, flat strike plate with a central rectangular opening and four corner mounting holes is also visible, intended to receive the bolt when locked. The overall finish is a dull metallic grey, indicative of galvanization.

5. OPERATING INSTRUCTIONS

Operating the Smith & Locke Standard Surface Bolt is straightforward:

- **To Lock:** Grasp the bent handle of the bolt rod and slide it forward until the rod fully enters the opening in the strike plate. The bolt is now engaged and secured.
- **To Unlock:** Grasp the bent handle of the bolt rod and pull it back until the rod is fully retracted from the strike plate. The door or gate is now unlocked.

Ensure the bolt moves smoothly without obstruction. Do not force the bolt if it encounters resistance.

6. MAINTENANCE

Regular maintenance will ensure the longevity and smooth operation of your surface bolt:

- **Cleaning:** Periodically wipe down the bolt and brackets with a damp cloth to remove dirt and debris. Avoid abrasive cleaners that could damage the galvanised finish.
- **Lubrication:** If the bolt action becomes stiff, apply a small amount of silicone-based lubricant or light machine oil to the bolt rod and inside the mounting brackets.
- **Inspection:** Regularly check all mounting screws for tightness. Re-tighten if necessary. Inspect the bolt and strike plate for any signs of wear, damage, or corrosion.
- **Corrosion:** While galvanised, extreme conditions may still lead to surface corrosion over time. Address any rust spots promptly with appropriate rust treatment products to prevent further spread.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bolt is stiff or difficult to slide.	Lack of lubrication; dirt/debris in mechanism; misalignment.	Clean and lubricate the bolt rod and brackets. Check alignment of bolt and strike plate.
Bolt does not fully engage with strike plate.	Misalignment of strike plate; obstruction.	Adjust the position of the strike plate. Clear any obstructions.
Bolt assembly feels loose.	Mounting screws are loose.	Tighten all mounting screws. If holes are stripped, use larger screws or relocate.

8. SPECIFICATIONS

Feature	Detail
Product Name	Smith & Locke Standard Surface Bolt
Model / ASIN	B01I8N07RG
Length	600mm
Material	Galvanised Steel
Exterior Finish	Zinc
Head Style	Hex (referring to associated fasteners, not the bolt itself)
Manufacturer	Smith
Number of Pieces	1 (main bolt assembly + strike plate)

9. WARRANTY AND SUPPORT

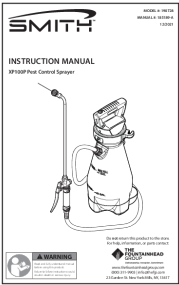
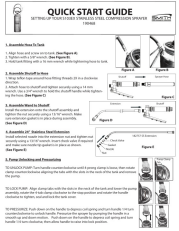

For information regarding warranty coverage, please refer to the terms and conditions provided at the point of purchase or contact your retailer. For technical support or inquiries about this product, please contact Smith & Locke customer service through their official website or the contact information provided by your retailer.


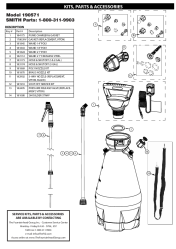

Please have your product model number (B01I8N07RG) and purchase date available when contacting support.



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Related Documents - Standard Surface Bolt Galvanised 600mm (ASIN: B01I8N07RG)

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