Hormann 3051062

Hormann Type 1 No. 754 Tension Spring Kit Instruction Manual

1. Product Overview

The Hormann Type 1 No. 754 Tension Spring Kit is a critical component designed for use with sectional garage doors. This kit provides the necessary spring force to ensure the smooth and balanced opening and closing of your garage door. Manufactured from high-quality alloy steel, it is engineered to safely support the door's weight and maintain consistent tension for fluid operation. This tension spring kit is suitable for various types and sizes of garage doors, offering reliable performance and durability.



Image 1.1: The Hormann Type 1 No. 754 Tension Spring Kit, showing the spring and its attachment mechanism. This component is crucial for the balanced operation of sectional garage doors.

2. Safety Information

WARNING: Garage door springs are under extreme tension and can cause severe injury or death if handled improperly. Installation, adjustment, or repair of garage door springs should only be performed by a qualified garage door technician. Do not attempt to install or replace this spring if you are not trained and equipped to do so safely.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and heavy-duty gloves.
- Ensure the garage door opener is disconnected from power before any work is performed on the door or its components.
- Keep children and pets away from the work area.
- Never remove or adjust springs while the garage door is open or partially open.
- Refer to your garage door manufacturer's specific instructions for spring replacement and tensioning.

3. Package Contents

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Hormann Type 1 No. 754 Tension Spring

4. Setup and Installation

Note: Professional installation is highly recommended due to the inherent dangers associated with garage door springs. Incorrect installation can lead to serious injury or damage to the garage door system.

1. **Preparation:** Ensure the garage door is fully closed and secured. Disconnect the garage door opener from its power source.
2. **Removal of Old Spring (if applicable):** Carefully follow the garage door manufacturer's instructions for safely releasing tension from and removing the old spring. This typically involves specialized tools.
3. **Mounting the New Spring:** Attach the Hormann Type 1 No. 754 Tension Spring to the designated mounting points on your garage door system. Ensure all fasteners are securely tightened according to the manufacturer's specifications.
4. **Tensioning the Spring:** This is the most critical and dangerous step. The spring must be tensioned correctly to balance the weight of the garage door. Refer to your garage door manual for the precise number of turns required for your specific door model. Use appropriate winding bars or tensioning tools.
5. **Testing:** Once tensioned, reconnect power to the garage door opener. Slowly open and close the door manually to check for smooth, balanced operation. The door should stay in place when stopped at any point.

5. Operating Instructions

Once correctly installed and tensioned, the Hormann Type 1 No. 754 Tension Spring will facilitate the smooth and effortless operation of your sectional garage door. The spring system counterbalances the weight of the door, allowing it to be opened and closed manually with minimal effort, or automatically via a garage door opener.

- Ensure the path of the garage door is clear of obstructions before operating.
- Operate the door using the wall control button, remote control, or manually if the opener is disengaged.
- Listen for any unusual noises during operation, which may indicate a need for maintenance or inspection.

6. Maintenance

Regular maintenance helps ensure the longevity and safe operation of your garage door system, including the tension springs.

- **Visual Inspection (Monthly):** Check the spring for any signs of wear, rust, or damage. Look for gaps between coils, which could indicate a broken spring.
- **Lubrication (Annually):** Apply a silicone-based lubricant to the spring coils to reduce friction and prevent rust. Do not use grease or oil, as these can attract dirt.
- **Balance Test (Annually):** With the garage door closed, disconnect the opener. Manually lift the door halfway. If the door does not stay in place or drifts up or down, the spring tension may need adjustment. This should be performed by a qualified technician.
- **Professional Inspection:** Consider having a professional garage door technician inspect your system annually.

7. Troubleshooting

If you experience issues with your garage door, the tension spring may be a contributing factor. Always prioritize safety and consult a professional for complex issues.

- **Door is Heavy or Difficult to Lift:** This often indicates insufficient spring tension or a broken spring. **Do not attempt to operate the door with a broken spring.** Seek professional assistance immediately.
- **Door Opens Unevenly:** This could be due to uneven spring tension or issues with cables/pulleys. A professional can diagnose and correct this.
- **Loud Noise During Operation:** While some noise is normal, sudden loud noises (e.g., a bang) can indicate a broken spring. Stop operation immediately and contact a technician.
- **Door Does Not Stay Open:** If the door drifts down when manually opened halfway, the spring tension is likely too low. This requires professional adjustment.

8. Specifications

Feature	Detail
Brand	Hormann
Model Number	3051062
Product Type Name	Hormann Tension Spring Kit Type 1 No. 754
Material	Alloy Steel
Dimensions (L x W x H)	85 x 9 x 9 cm
Item Weight	2.02 Kilograms
Assembly Required	Yes
Country of Origin	Germany
Included Components	1 x Tension Spring Kit Type 1 No. 754

9. Warranty and Support

For specific warranty information regarding your Hormann Type 1 No. 754 Tension Spring Kit, please refer to the documentation provided at the time of purchase or visit the official Hormann website. Warranty terms typically cover manufacturing defects under normal use.

For technical support, installation assistance, or to locate a qualified service technician, please contact Hormann customer service or your authorized Hormann dealer. Contact details can usually be found on the manufacturer's website or in your product packaging.

Hormann Official Website: www.hormann.com

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Example: How do I reset this device or fix this error?

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