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Hormann 3045117

Hormann Type 2 Garage Door Hinge Instruction Manual

Model: 3045117 | Brand: Hormann

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Hormann Type 2 Garage Door Hinge (Model 3045117). This hinge is designed to provide a secure and stable connection between garage door sections, ensuring smooth and reliable door movement. Please read these instructions carefully before proceeding with installation or maintenance.

INSTALLATION INSTRUCTIONS

Proper installation is crucial for the safe and effective operation of your garage door. If you are unsure about any step, consult a qualified professional.

Required Tools (Not Included):

- Wrench or socket set (appropriate size for fasteners)
- Screwdriver (if applicable)
- Safety gloves
- Safety glasses

Installation Steps:

1. **Safety First:** Ensure the garage door is in a stable, open position or properly supported before beginning work. Disconnect any automatic opener to prevent accidental operation.
2. **Remove Old Hinge (if replacing):** Carefully remove the fasteners securing the old hinge to the garage door sections. Support the door sections to prevent them from shifting.
3. **Position New Hinge:** Align the Hormann Type 2 Hinge (Model 3045117) with the pre-drilled holes on the garage door sections. Ensure the hinge is oriented correctly to allow for proper door articulation.
4. **Secure Hinge:** Insert appropriate fasteners (not included) through the hinge's mounting holes and into the garage door sections. Tighten all fasteners securely, but do not overtighten, which could strip threads or deform the door material.
5. **Check Alignment:** After securing, visually inspect the hinge to ensure it is flush and properly aligned with both door sections.

6. **Test Movement:** Carefully operate the garage door manually to confirm smooth movement and proper function of the newly installed hinge. Listen for any unusual noises or binding.

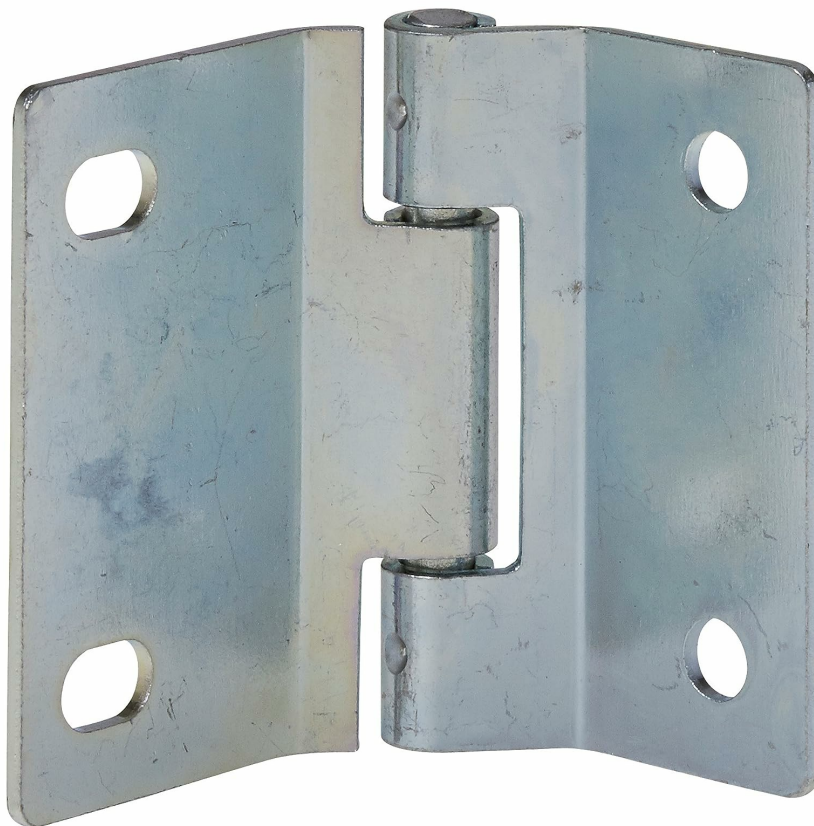


Figure 1: Hormann Type 2 Garage Door Hinge. This image displays the Hormann Type 2 Garage Door Hinge. It is made of galvanized alloy steel, featuring three barrel sections for the hinge pin and four pre-drilled holes for secure attachment to garage door sections. The model number '3045117' is visible on one of the hinge leaves.

OPERATION

The Hormann Type 2 Hinge is a passive component designed to facilitate the smooth and controlled movement of your garage door sections. Once installed correctly, the hinge allows the door panels to articulate as the door opens and closes, following the track system. Its robust construction ensures reliable performance under normal operating conditions.

No direct user interaction is required with the hinge itself during normal garage door operation. The hinge's function is integral to the overall garage door system.

MAINTENANCE

Regular maintenance helps prolong the life of your garage door hinges and ensures continued smooth operation.

- **Periodic Inspection:** Annually, inspect all hinges for signs of wear, corrosion, or damage. Check for loose fasteners.
- **Lubrication:** Apply a silicone-based lubricant or garage door specific lubricant to the hinge pins and pivot points every 6-12 months. Avoid using grease or oil, which can attract dirt and debris.
- **Tighten Fasteners:** If any fasteners appear loose, carefully tighten them. Do not overtighten.
- **Cleaning:** Keep hinges free from dirt, dust, and debris. A clean cloth can be used to wipe down the hinge surfaces.
- **Replacement:** If a hinge shows significant wear, bending, or corrosion, it should be replaced immediately to prevent further damage to the garage door system or potential safety hazards.

TROUBLESHOOTING

This section addresses common issues related to garage door hinges. For complex problems, consult a professional garage door technician.

- **Squeaking or Grinding Noise:**
 - **Cause:** Lack of lubrication or dirt/debris.
 - **Solution:** Clean hinges and apply appropriate lubricant to hinge pins.
- **Stiff or Uneven Door Movement:**
 - **Cause:** Loose fasteners, bent hinge, or worn hinge pin.
 - **Solution:** Check and tighten all fasteners. Inspect hinges for damage; replace if bent or excessively worn.
- **Hinge Appears Loose or Detached:**
 - **Cause:** Fasteners have come loose or pulled out of the door material.
 - **Solution:** Re-secure fasteners. If the door material is damaged, professional repair or reinforcement may be required before reattaching the hinge.
- **Visible Rust or Corrosion:**
 - **Cause:** Exposure to moisture and lack of protective coating maintenance.
 - **Solution:** While the hinge is galvanized, severe corrosion may indicate a need for replacement to maintain structural integrity.

SPECIFICATIONS

Model Number	3045117
Brand	Hormann
Material	Alloy Steel
Finish Type	Galvanised
Mounting Type	Door Mount
Product Dimensions (L x W)	11.02" x 7.87" (28 cm x 20 cm)
Included Components	Type 2 hinge (single unit)

WARRANTY AND SUPPORT

For specific warranty information regarding your Hormann Type 2 Garage Door Hinge, please refer to the documentation provided at the time of purchase or contact your retailer. Warranty terms may vary based on region and purchase conditions.

For technical support or further assistance, please contact Hormann customer service or your authorized Hormann dealer.

