Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

RYOBI A99HT3

RYOBI A99HT3 Door Hinge and A99LM2 Door Latch Installation Kit Instruction Manual

Brand: **RYOBI** | Models: **A99HT3** (Hinge Kit), **A99LM2** (Latch Kit)

Product Overview

This manual provides instructions for the RYOBI A99HT3 Door Hinge Installation Kit and the RYOBI A99LM2 Door Latch Installation Kit. These tools are designed to simplify the process of mortising for door hinges and latches, ensuring accurate and efficient installation for various door types.

Components Included

RYOBI A99HT3 Door Hinge Installation Kit

- A99HT3 Hinge Template
- Carbide Tip Router Bit
- Self-Centering Hinge Bit
- PH2/8-10SL Double Ended Screwdriver Bit
- Integrated Hinge Length Guide Stop

RYOBI A99LM2 Door Latch Installation Kit

- Latch Mortiser Tool
- 1-inch PH2 Bit
- 1-inch SL 8-10 Bit
- Integrated Reversible Scoring Blade
- Integrated Chisel Tool



Image: The RYOBI A99HT3 Hinge Router Template (left) and the RYOBI A99LM2 Door Latch Installation Kit (right), showing all primary components included in the bundle.

Setup and Preparation

For Hinge Mortising (A99HT3)

1. **Secure the Door:** Ensure the door is stable and properly supported before beginning any work.
2. **Attach Hinge Template:** Position the A99HT3 Hinge Template on the door edge where the hinge mortise is required. The template features an integrated screw-in clamp for secure attachment.

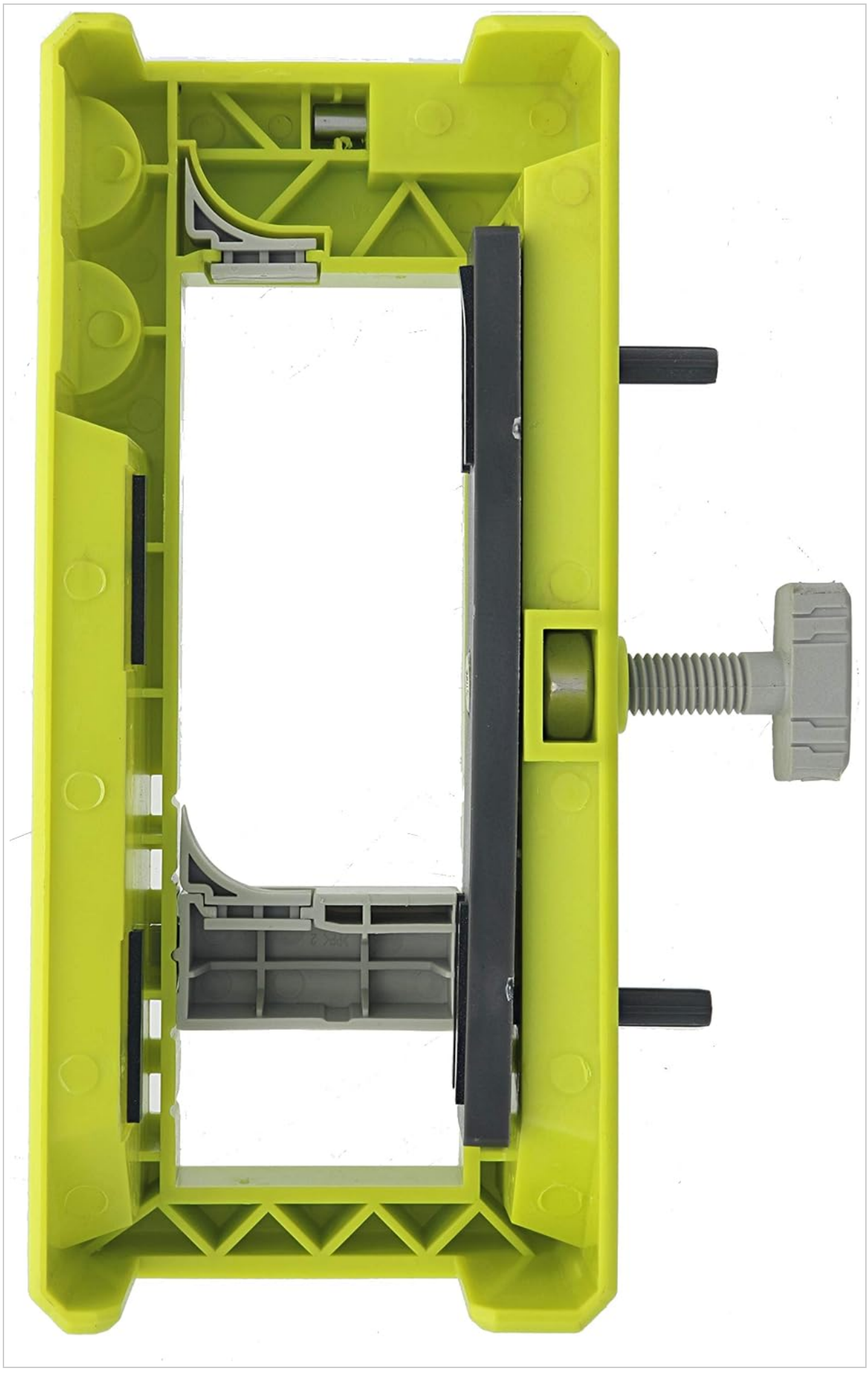


Image: The A99HT3 Hinge Router Template clamped securely to the edge of a door, ready for use.

3. **Adjust Hinge Length Guide:** Utilize the onboard adjustment tool and bit depth gauge to set the desired hinge

length and routing depth. The template accommodates standard door thicknesses.





Image: Underside view of the A99HT3 Hinge Router Template, highlighting the adjustable hinge length guide stop.

4. **Install Router Bit:** Insert the provided carbide tip router bit into your router. Ensure it is securely fastened according to your router's instructions.

For Latch Mortising (A99LM2)

1. **Identify Latch Bore:** Locate the center of the latch bore on the door edge. The guide post on the A99LM2 tool assists in this alignment.
2. **Select Scoring Blade:** The A99LM2 features a reversible scoring blade for either round or square latches. Select the appropriate side by rotating the blade as needed.

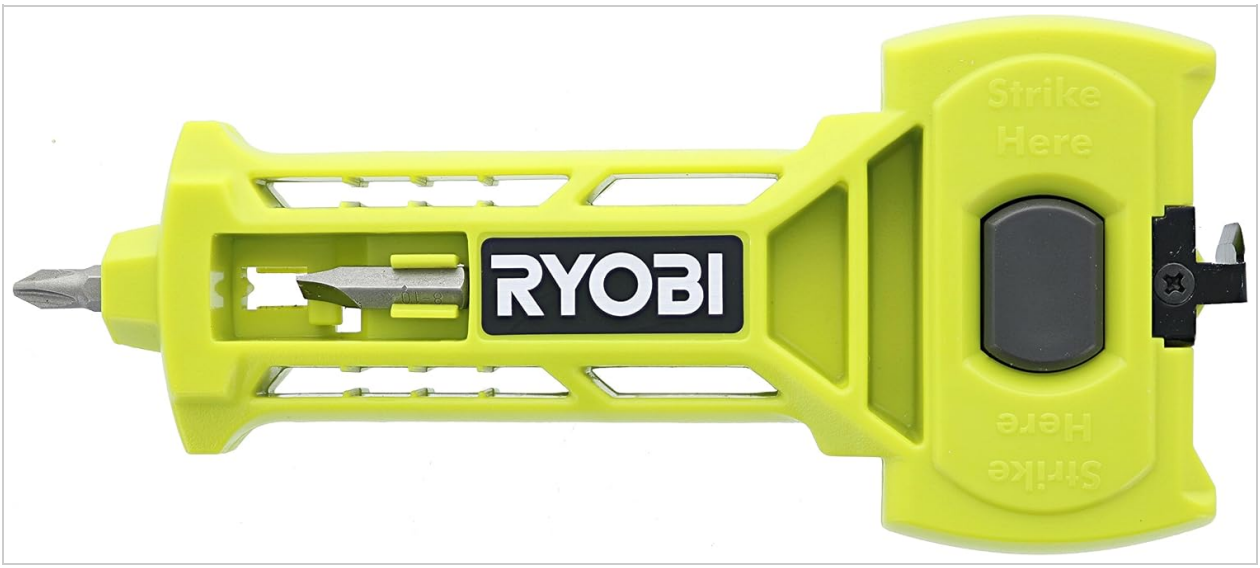


Image: The RYOBI A99LM2 Door Latch Installation Kit, displaying its reversible scoring blade for different latch types.

3. **Position Tool:** Place the A99LM2 tool against the door edge, aligning the guide post with the latch bore. Use the 90-degree fence to ensure proper perpendicular alignment.

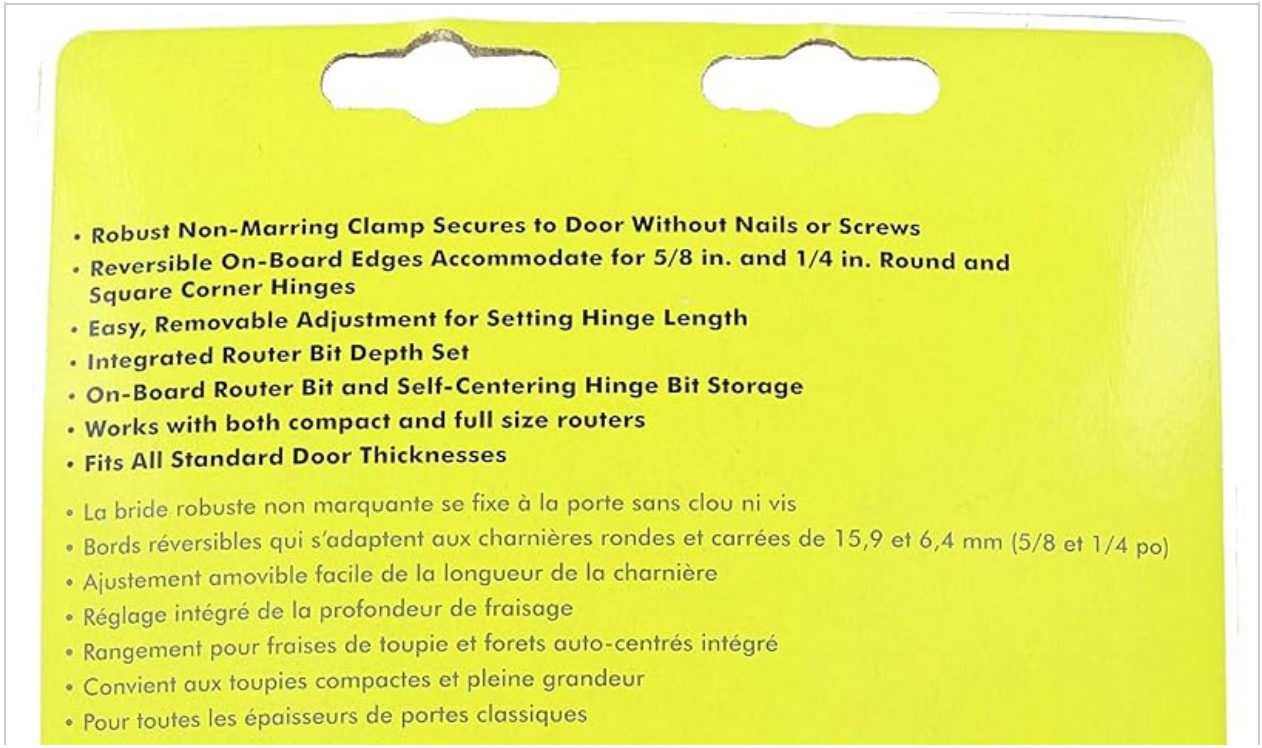


Image: Side view of the RYOBI A99LM2 Door Latch Installation Kit, showing the integrated chisel tool and the 90-degree fence.

Operating Instructions

Hinge Mortising with A99HT3

1. **Rout the Mortise:** With the template securely clamped and the router bit installed, carefully rout the hinge mortise. Follow your router's instructions for safe operation, moving the router smoothly within the template.
2. **Check Depth:** Use the bit depth gauge to ensure the mortise depth is correct for your hinge. Adjust the router depth as needed.
3. **Remove Template:** Once routing is complete, allow the router to stop completely before removing it from the template. Then, unclamp and carefully remove the template from the door.
4. **Install Hinge:** Use the self-centering hinge bit to pre-drill screw holes for the hinge. Then, secure the hinge into the mortise with screws using the PH2/8-10SL double-ended screwdriver bit.



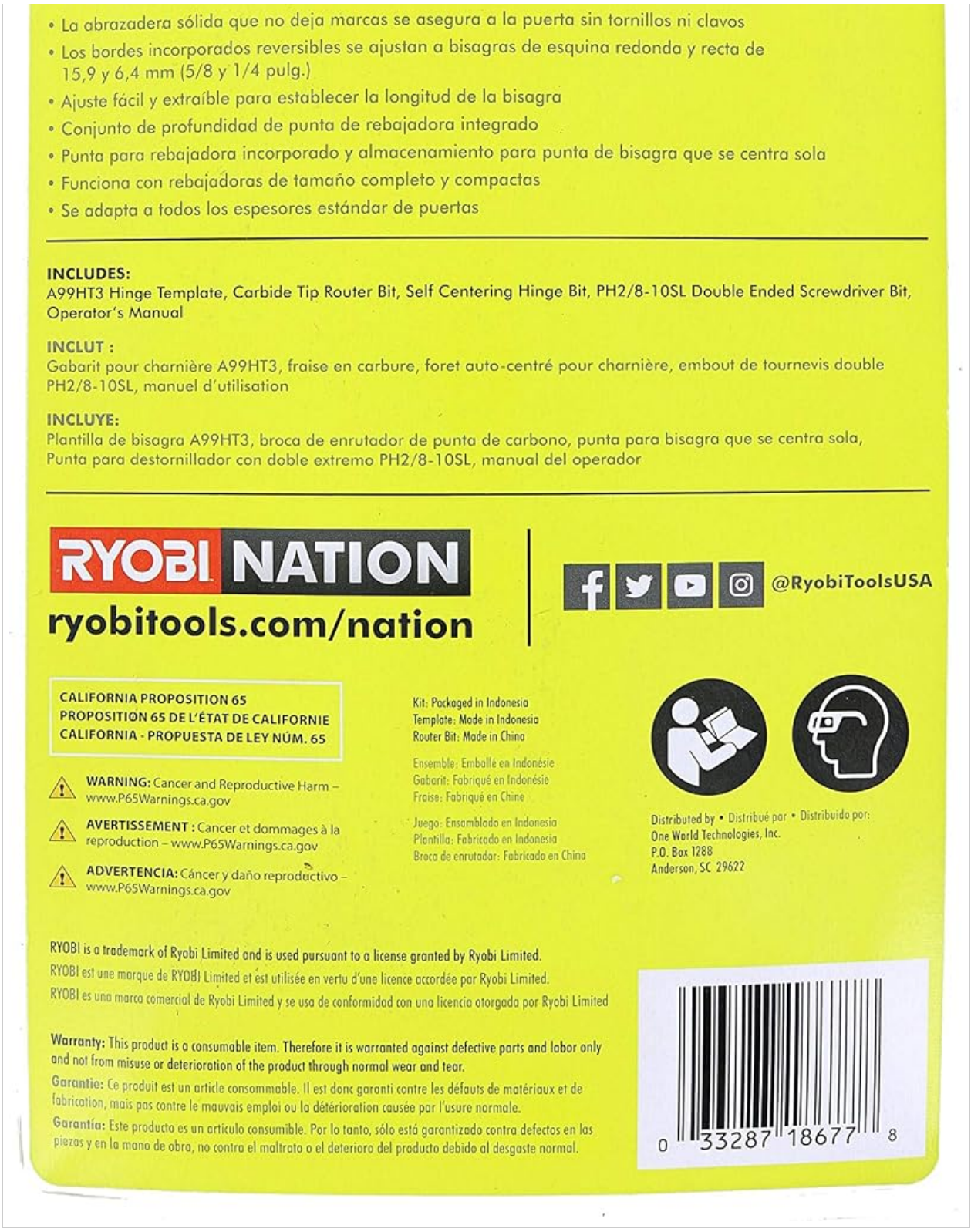


Image: The RYOBI A99HT3 Hinge Router Template shown with its three included bits: a carbide tip router bit, a self-centering hinge bit, and a PH2/8-10SL double-ended screwdriver bit.

Latch Mortising with A99LM2

1. **Score the Outline:** With the A99LM2 tool positioned correctly, firmly tap the areas marked "Strike Here" with a hammer to score the outline of the latch plate. Ensure a clear, deep score.



Image: The RYOBI A99LM2 Door Latch Installation Kit, indicating the "Strike Here" points for scoring the latch outline.

2. **Chisel Out Wood:** Use the integrated chisel tool to remove the scored wood. Align the chisel edge with the guide post and gently tap with a hammer to clear the mortise. Remove wood chips as you go.
3. **Install Latch:** Once the mortise is clear and clean, place the latch into the prepared recess. Use the included 1-inch PH2 bit or 1-inch SL 8-10 bit with a drill or screwdriver to secure the latch with screws.

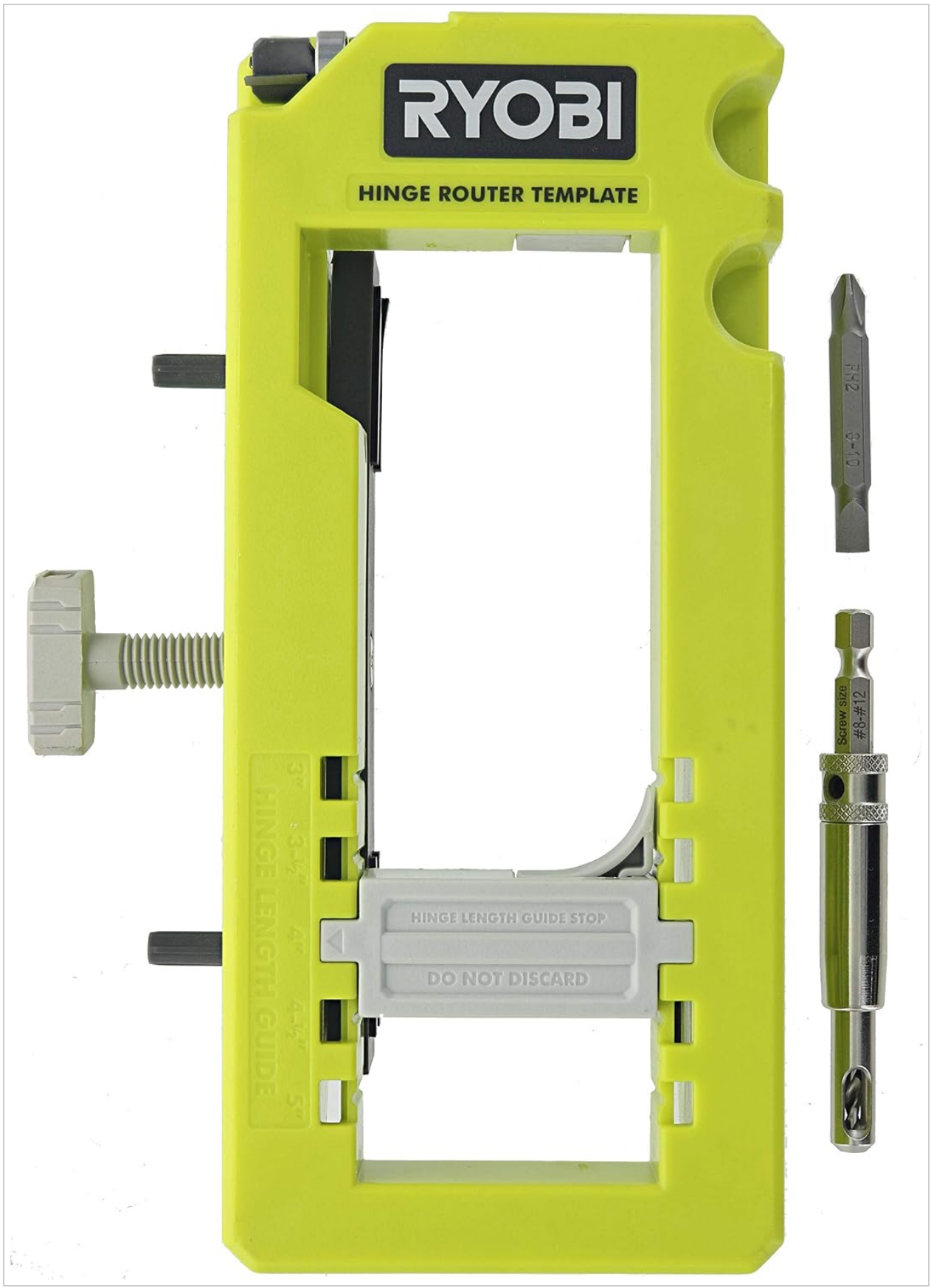


Image: The RYOBI A99LM2 Door Latch Installation Kit, featuring the two included driver bits: a PH2 bit and an SL 8-10 bit.

Maintenance

- **Cleaning:** After each use, clean both tools to remove wood dust and debris. Use a dry cloth or soft brush. Avoid harsh chemicals that may damage the plastic components.

- **Storage:** Store the tools and bits in a dry, protected area away from direct sunlight and extreme temperatures to prevent damage and corrosion.
- **Bit Inspection:** Regularly inspect the router bit, self-centering hinge bit, and driver bits for wear, dullness, or damage. Replace worn bits to maintain optimal performance and safety.

Troubleshooting

- **Uneven Hinge Mortise:** Ensure the A99HT3 template is securely clamped to the door and does not shift during routing. Verify the router bit depth is consistently set and maintained throughout the cut.
- **Inaccurate Latch Mortise:** Confirm the A99LM2 tool is aligned correctly with the latch bore and held firmly against the door edge during scoring. Ensure the correct scoring blade (round/square) is selected and properly engaged.
- **Difficulty Chiseling:** Ensure the initial scoring is deep enough to provide a clear outline for the chisel. Use gentle, controlled taps with a hammer, working gradually to remove wood.

Specifications

- **Brand:** RYOBI
- **Model Numbers:** A99HT3 (Hinge Kit), A99LM2 (Latch Kit)
- **Material:** Plastic
- **Product Dimensions (Bundle):** 12.05 x 8.5 x 3.98 inches
- **Item Weight (Bundle):** 1.32 pounds
- **UPC:** 850011952016
- **Hinge Kit Bits Included:** Carbide Tip Router Bit, Self-Centering Hinge Bit, PH2/8-10SL Double Ended Screwdriver Bit
- **Latch Kit Bits Included:** 1-inch PH2 Bit, 1-inch SL 8-10 Bit
- **Compatibility:** Accommodates standard door thicknesses for hinge mortising. Reversible scoring for round and square latches.

Safety Information

WARNING: This product may expose you to chemicals including lead, which is known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. For more information, visit www.P65Warnings.ca.gov.

Always wear appropriate personal protective equipment (PPE) such as safety glasses when operating power tools. Read and understand all instructions before use. Keep hands clear of cutting areas. Disconnect power tools from the power source before changing bits or making adjustments.

Warranty and Support

For detailed warranty information, product registration, and customer support, please visit the official RYOBI website or contact RYOBI customer service directly.

Online Resources: RYOBI Nation

Square and round latch plate chisel

Reversible scoring tool for round and square latch plates

90° fence for accurate chisel marks

Integrated screwdriver and driving bits to install latch plate

Ciseau pour plaque de serrure carrée et ronde

Fraise à rainurer réversible pour plaques serrure rondes et carrées

Guide de 90° pour des marques de ciseau précise

Tournevis intégré et embouts de perçage pour installer la plaque de serrure

Cincel para placa de petillos cuadrados y redondos

Herramienta de estriado reversible para placa de petillos redondos y cuadrados

Guía a 90° para marcas de cincel precisas

Destornillador integrado y brocas para atornillar para instalar la placa para pestillos







Reversible tool for round and square plates

Outil réversible pour plaques rondes et carrées

Herramienta reversible para placas redondas y cuadradas

INCLUDES: Latch Mortiser, 1" PH2, 1" SL 8-10, and Operator's Manual

INCLUT : Mortaiseuse pour verrou, PH2 de 25,4 mm (1 po), SL8-10 de 25,4 mm (1 po) et manuel d'utilisation

INCLUYE: Mortaja para pestillo, PH2 de 25,4 mm (1 pulg.), SL8-10 de 25,4 mm (1 pulg.) y manual del operador

RYOBI NATION

ryobitools.com/nation

Distributed by • Distribué par • Distribuido por:
One World Technologies, Inc.
1428 Pearman Dairy Road
Anderson, SC 29625
OTC: TTNDY

RYOBI is a registered trademark of Ryobi Limited and is used pursuant to a license granted by Ryobi Limited.

RYOBI est une marque déposée de RYOBI Limited et est utilisée en vertu d'une licence accordée par Ryobi Limited.

RYOBI es una marca comercial registrada de Ryobi Limited y se usa de conformidad con una licencia otorgada por Ryobi Limited.



90° Fence Storage
Rangement pour guide de 90°
Compartimiento para la guía de corte de 90°





CALIFORNIA PROPOSITION 65
⚠ WARNING: This product and dust created by its use may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm.
Wash hands after handling
PROPOSITION 65 DE L'ETAT DE CALIFORNIE
⚠ AVERTISSEMENT : Ce produit et la poussière dégagée contient des produits chimiques , notamment du plomb, identifiés par l'Etat de Californie comme causes de cancer, des malformations congénitales ou des lésions de l'appareil reproducteur.
Bien se laver les mains après toute manipulation.
CALIFORNIA - PROPUESTA DE LEY NUM. 65
⚠ ADVERTENCIA: Este product y el polvo que crea pueden contener productos químicos, como plomo, que en el estado de California se reconocen como cancerígenos o causantes de defectos de nacimiento u otros daños reproductivos.
Lávese las manos después de utilazar el aparato.

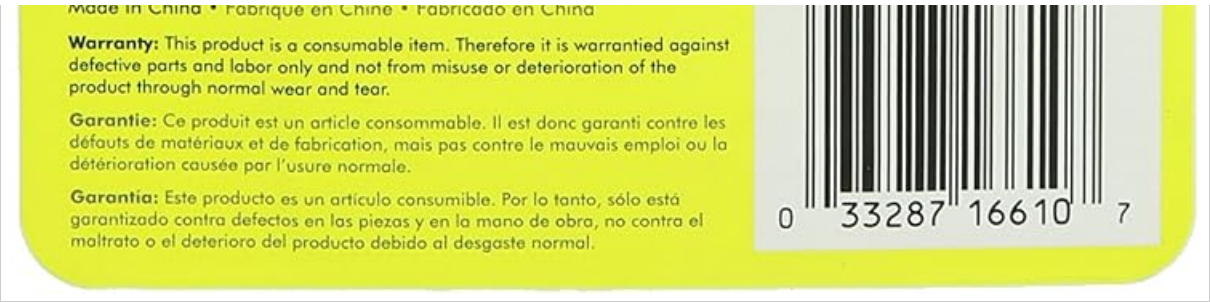


Image: Product packaging displaying RYOBI branding, Proposition 65 warning, and a link to RYOBI Nation for additional resources.

© 2024 RYOBI. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07WPWM7K9

More documents and user manuals: **https://manuals.plus/**