



OPERATOR'S MANUAL

10 FT. RAIL EXTENSION KIT FOR RYOBI GARAGE DOOR OPENERS

GDAEXT110

WARNING:
To reduce the risk of injury, do not attempt to use this product until you have read thoroughly and understand completely this operator's manual and the operator's manual for your RYOBI garage door opener. Ensure compatibility and fit before using this accessory. Do not use this accessory if a part is damaged or missing.

CALIFORNIA PROPOSITION 65

WARNING:
This product may contain chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. **Wash hands after handling.**

This kit is designed to fit on the rail assembly included with your RYOBI garage door opener. The GD200A's rail assembly is used as an example throughout the text. Some models have additional pieces.

PACKING LIST

See Figures 1 and 2.

The following items are included with this kit (figure 1):

Extension Rail (A), Extension Sleeve (B), Extended Belt (C), Emergency Release Rope (D), and Operator's Manual.

Locate the items included in your RYOBI garage door opener's rail assembly. The following items are in the GD200A rail assembly, and are not included in this kit. (See Figure 2):

End Rail Assembly (E), Intermediate Rail (F), Front Rail (G), Sleeves (H), Front Brace (I), and Outer Trolley (J).

REMOVING PULLEY ROD FROM FRONT PULLEY

See Figures 3 - 6.

- Locate the front pulley (K) inside the end rail assembly (not included) [E].
- Remove tie wrap securing the front pulley (K) to the end rail assembly (not included) [E].
- Slide the front pulley (K) to the front of the end rail assembly (not included) [E].
- Turn the tension nut (L) on the pulley rod (N) counterclockwise to loosen.
- Remove the tension nut (L) and spring (M) from the pulley rod (N).
- Tilt the pulley rod (N) up and pull it away from the front pulley (K).
- Pull the front pulley (K) through the front of the end rail assembly (not included) [E].

REMOVING BELT FROM INNER TROLLEY AND REAR PULLEY

See Figures 7 - 9.

- Remove the old belt (R), inner trolley (O) and rear pulley (P) from the back of the end rail assembly (not included) [E].
- Using a Philips screwdriver, remove the five screws securing the trolley cover (Q) to the inner trolley (O). Note the position of the screws for reassembly.
- Remove the trolley cover (Q).
- Remove the old belt (R) from the inner trolley (O).
- Using a Philips screwdriver, remove the screws securing the pulley cover (T) to the rear pulley (P).
- Remove the pulley cover (T) and the old belt (R) from the rear pulley (P).
- Remove the old belt (R) from the front pulley (K) and rear pulley (P).

ASSEMBLING RAILS

See Figure 10.

- Insert the edge of the end rail assembly (not included) [E] into a sleeve (not included) [H]. Slide together until rail clicks in place. **NOTE:** If you cannot get the rail to fit by hand, try gently tapping it with a rubber mallet until it fits snugly into place.
- Assemble the rest of the rail assembly pieces in the order specified in the instructions for **Assembling the Rails** in the operator's manual for your RYOBI garage door opener. **NOTE:** For the GD200A, attach the remaining pieces in the order shown in figure 10. Some models have additional pieces.

- Attach the extension sleeve (B) and extension rail (A) to the end of the complete rail assembly.

CONNECTING EXTENDED BELT TO FRONT PULLEY

See Figure 11.

- Loop the new extended belt (C) around the front pulley (K) with the teeth facing inward.
- NOTE:** Ensure that the c-clip on the front pulley (K) is facing up.
- Pull the new extended belt (C) through the front pulley (K) until the left and right sides of the belt are nearly equal.

ATTACHING INNER TROLLEY TO EXTENDED BELT

See Figures 8 and 12.

- Position the inner trolley (O) between the left and right sides of the new extended belt (C).
- Place the right side of the new extended belt (C) into the channel (V) with the teeth facing inward.
- Secure the ends of the new extended belt (C) into the grooves (S) in the inner trolley (O).
- NOTE:** Prior to securing the trolley cover, ensure that the belt is not twisted and that it forms a complete loop.
- Replace the trolley cover (Q) and secure with screws.

CONNECTING EXTENDED BELT TO REAR PULLEY

See Figure 9.

- Loop the new extended belt (C) around the gear (U) on the rear pulley (P) with the teeth facing inward.
- Replace the pulley cover (T) and secure with screws.

WARNING:
Confirm that the Inner Trolley is in the orientation shown in Figure 7. An incorrectly installed Inner Trolley could result in the garage door opener operating in the opposite direction from its intended movement and result in death or serious personal injury from the moving garage door.

INSERTING FRONT PULLEY, OUTER TROLLEY, INNER TROLLEY, AND REAR PULLEY

See Figures 5, 7, and 13.

- Attach the pulley rod (N) to the front pulley (K).

- Insert the front pulley (K), new extended belt (C), outer trolley (J), and inner trolley (O) into the end rail assembly (not included) [E] and slide forward. **NOTE:** Position and insert the inner trolley as shown in figure 7 and the outer trolley as shown in figure 13.
- Insert rear pulley (P) into end rail assembly (not included) [E]. Slide together until pulley is snug against the rail.

ATTACHING FRONT BRACE

See Figures 14 and 15.

- Insert the edge of the front brace (not included) [I] into the extension rail [A]. Slide together until brace clicks in place. If you cannot get the brace to fit by hand, try gently tapping it with a rubber mallet until it is snug.
- Pull the front pulley (K) forward and slide the pulley rod (N) through the hole in the front brace (not included) [I].
- Install spring (M) and tension nut (L) onto pulley rod (N). **Do not tighten.**
- Slide the inner trolley (O) and outer trolley (J) together until they engage. Then, move both trolleys to the middle of the rail assembly. Once the rail is fully assembled, follow the remaining assembly and installation instructions in the operator's manual for your RYOBI garage door opener.

ATTACHING THE EMERGENCY RELEASE ROPE

See Figure 16.

- Lower the garage door completely.
 - Tie the emergency release rope (D) through the hole in the outer trolley (J).
 - NOTE:** The rope (D) should be approximately six feet above the garage floor.
- Upon completion of installation and setup of your garage door opener, this extension kit, and controls, perform all of the items on the **Installation Verification Checklist** to ensure the garage door opener functions properly. Detailed instructions on how to perform the steps on this checklist can be found in your RYOBI garage door opener manual.

WARNING:
Failure to complete the **Installation Verification Checklist** and verify proper function of the garage door opener can result in death or serious personal injury.

INSTALLATION VERIFICATION CHECKLIST	✓
Use the indoor keypad to open and close the garage door. Ensure garage door moves smoothly from fully open to full closed and from fully closed to fully open.	
With the garage door raised, place a 1-1/2 in. Board (approximately the size of a 2x4 laid flat) on the garage floor beneath the door and attempt to close the door on the object. Ensure the garage door automatically reverses direction upon contacting the object.	
With the garage door raised, press the UP/DOWN button on the indoor keypad to close the door. Pass an object, such as a broomstick, between the safety sensors to break the safety beam while the door is lowering. Ensure the garage door automatically raises when the beam is broken.	
With the garage door lowered, pull the safety handle to disengage the door from the drive unit. Ensure the door is free to move once the outer trolley disengages from the inner trolley. Once this is confirmed, use the indoor keypad to cycle the drive unit and reengage the door to the drive unit.	
If the garage door opener has been connected to the RYOBI Garage Door Opener Module System app feature, test this feature prior to use. With the garage door raised, attempt to lower the door using the smartphone app. Ensure that the garage door opener light flashes and a beeping sound is emitted for a few seconds prior to the door beginning to lower.	

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