

Single Garage Door Insulation Kit



KIT INCLUDES

- White durable facing fiberglass insulation roll 21.5-in x 37.5-ft
- Metal retaining rods (20 qty) extra rods included



TOOLS REQUIRED (NOT INCLUDED)

- Utility knife
- Tape measure
- Straight edge

TOOLS RECOMMENDED (NOT INCLUDED)

- Cut Resistant Gloves
- Safety Glasses
- Long Sleeves (optional)



One (1) kit per single car garage door up to 9 feet wide x 7 feet high, with exposed metal channel. For wider doors and double doors, two (2) kits are required.

1. Measure the width of each cavity of the door panel. Add 1 inch to the length of the measurement (Fig. 1)

- a. If channel looks like Fig 1A "closed channel", add another 1 inch of length for each closed channel.
- b. If both channels look like Fig 1B "open channel" proceed to step 2.



FIG. 1 — MEASURE CHANNEL



FIG. 1A — CLOSED CHANNEL

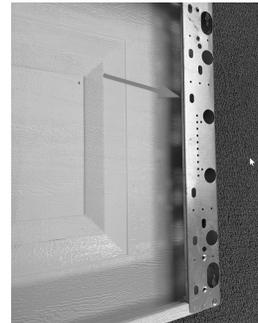


FIG. 1B — OPEN CHANNEL

2. Unroll insulation on a safe cutting surface with the white side down. (Fig. 2)



FIG. 2 — MEASURE INSULATION

3. Mark & cut the insulation to length using a straight edge and utility knife. (Fig. 3)



FIG. 3 — CUT



FIG. 4 — SHAKE



FIG. 5 — TUCK



FIG. 6 — PULLING TIGHT

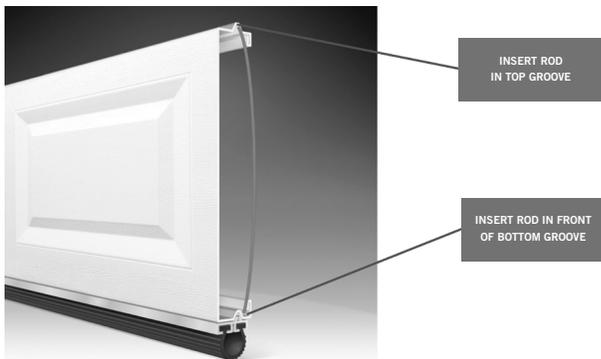


FIG. 7 — ROD IN TOP AND BOTTOM GROOVES

4. Lightly shake the insulation from 2 opposite sides to help fluff before installation. (Fig. 4)
5. Place the insulation into the door cavity with the durable white-faced side facing out. Start on one side of the cavity and tuck the material in the side, then bottom, then the other side, and finally the top.
 - a. Note: If sides cannot be tucked under the frame, then roll over the edge of the insulation before tucking in place. (Fig. 5)

Pro Tip: After full installation into all sides and frame, grab both sides of the insulation in each panel and pull the facing tight to help reduce bunching and wrinkling while improving appearance. (Fig. 6)

6. Install two (2) metal retaining rods over the outside of the durable white facing approximately 10 inches from the end of each side. For cavities shorter than 30 inches, install only one (1) metal retaining rod in the center.
 - a. The metal retaining rods should rest securely in the outer groove of the lower channel and the middle groove of the upper channel. The rod should be vertical and have a light outward bow that closely matches the pillowing of the insulation. (Fig. 7)
 - b. Upon initial installation, you may notice that the product does not touch the rods completely, it is natural for the product to continue to expand slightly in the days following installation.

Pro Tip: Utilize the "rod placement guide" ruler on the top of the box for quick & easy rod placement.

7. Repeat the process for each door cavity.

Note: Installation of a Garage Door Insulation Kit may require tuning of the garage door's springs. It is highly recommended that the spring tuning is done by a trained professional.

This product is covered by one or more U.S. and/or other patents. See patent www.knaufnorthamerica.com/patents

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