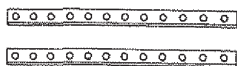


DURA-LIFT®

DOOR HARDWARE

Parts Contained:

(4) Rafter Braces
(24" Long)



(6) Lag Screws
 $\frac{5}{16}$ " x $1\frac{5}{8}$ "



(2) Hex Head Bolts
 $\frac{3}{8}$ " x $1\frac{1}{4}$ "



(6) Hex Head Bolts
 $\frac{5}{16}$ " x $\frac{3}{4}$ "



(2) Hex Flange Nuts
 $\frac{3}{8}$ " diameter



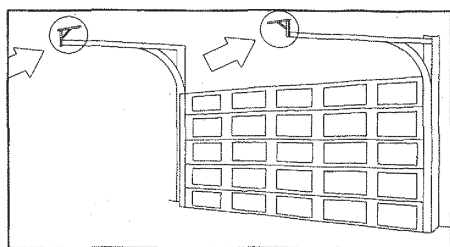
(6) Hex Flange Nuts
 $\frac{5}{16}$ " diameter



REAR TRACK HANGER INSTRUCTIONS

If the distance between the top of the door and the ceiling is greater than 24", you will need longer upright braces (not provided: $1\frac{1}{2}$ " x $1\frac{1}{2}$ " punched angle at least 14 ga. or $\frac{3}{32}$ " thick). A hacksaw may be needed to cut punched angle to correct size.

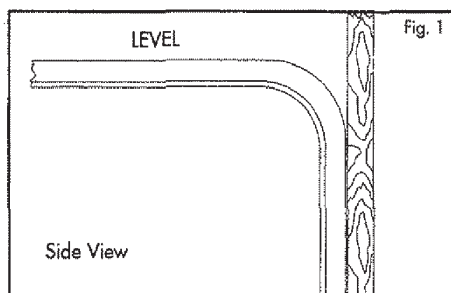
IMPORTANT: Carefully read instructions before beginning installation. This kit should be installed by a trained door systems technician using instructions and proper tools.



ATTENTION: If your ceiling is covered with plaster or drywall, you must use 3" (minimum) lag screws (not provided).

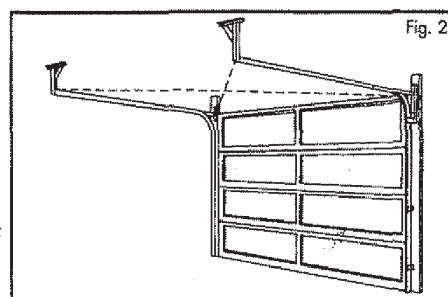
STEP 1: The Rear Track Hanger Kit provides hardware to attach the horizontal track to the ceiling trusses of your garage.

Start by making sure the horizontal tracks are level and square to the door. Determine squareness by comparing two diagonal distances, 1) the distance from the top left-hand corner of the door to the rear of the right

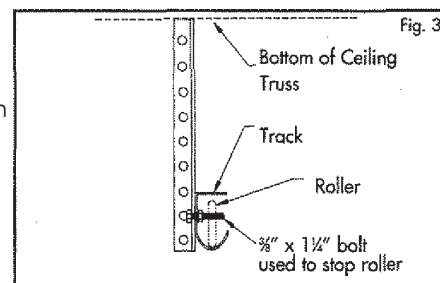


PUNCHED ANGLE BRACKET KIT INSTRUCTIONS

horizontal track, and 2) the distance from the top right-hand corner of the door to the rear of the left horizontal track. These measurements should be within 1" of each other to ensure squareness.



STEP 2: Fasten one upright brace (20" long) to the track using a $\frac{3}{8}$ " x $1\frac{1}{4}$ " hex head bolt and $\frac{3}{8}$ " hex flange nut. Do not tighten at this time. Insert the bolt through the punched angle iron and then through the $\frac{3}{8}$ " hole located at the rear of the track. Bolt the upright brace to the horizontal track so that the top of the upright brace is touching the bottom of the ceiling truss. Be sure the bolt extends into the track. This will stop the top roller from exiting the horizontal track. See Figure 3. Repeat this procedure for the other side.

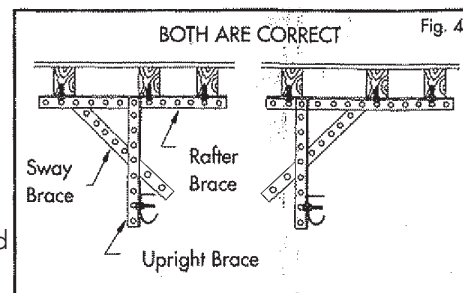


WARNING

Bolts placed in the end of each track must be at least 1" long to prevent the top of the door from exiting the track.

[Note: Rear track hangers should not be mounted more than 6" from the end of the horizontal track.]

Before installation of the rafter braces, determine the location of the track in relation to the overhead trusses. The sway braces may extend either inward or outward from the track. See Figure 4.



Step 3: Install rafter braces (26" long) by permanently fastening them to the ceiling trusses using a minimum of three $\frac{5}{16}$ " x $1\frac{5}{8}$ " lag screws. Be sure to drill $\frac{3}{16}$ " pilot holes before installing lag screws.

SEE BACK

(A) If garage trusses run front-to-rear, install braces across them, using the upright as a guide and fasten as above with lag screws.

(B) If garage trusses run side-to-side, install along the truss nearest the rear of the track.



WARNING

[Note: Any location within 6" of the rear of the track will give ample support and will not hinder the door operation. If the rear track hanger is moved forward on the horizontal track, the installer may need to move the upright brace, which entails drilling a new $\frac{3}{8}$ " hole in the track.]

Use screws that are long enough to fasten rear track hangers to the trusses (at least 1 $\frac{5}{8}$ " long). The door may fall and cause injury if not properly secured.

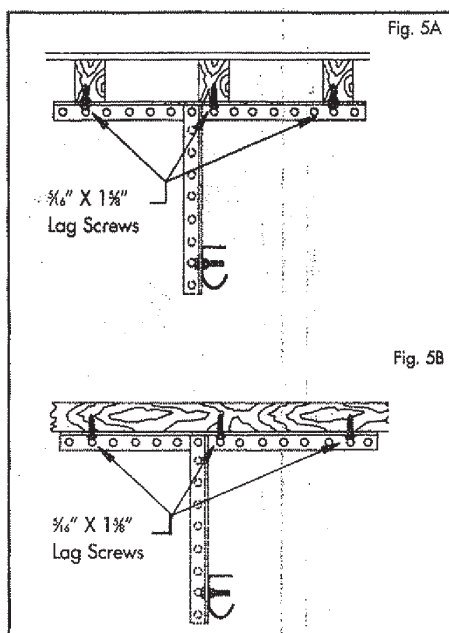
[Note: If the garage ceiling is finished with plaster or drywall, find the trusses, determine which direction they run, and then install braces using at least 3" (minimum) lag screws.]

Step 4: Bolt the upright braces to the rafter braces (14" long) using $\frac{5}{16}$ " x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flange nuts. Attach sway braces at the rear of the assemblies using $\frac{5}{16}$ " x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flange nuts. Tighten all the bolts including the bolts used to fasten the horizontal track to the upright braces.



WARNING

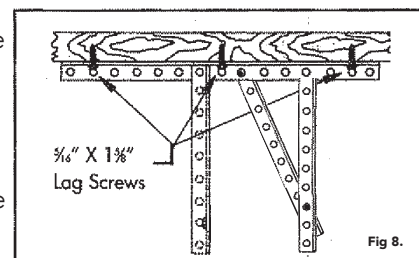
Sway bolts MUST be installed to prevent tracks from spreading and allowing the door to fall.



OPENER HANGER INSTRUCTIONS

STEP 1: Start by placing the angle iron level with the ceiling and square it to the garage door. Fasten the angle iron to the ceiling or joist using three $\frac{5}{16}$ " x 1 $\frac{5}{8}$ " lag screws.

STEP 2: Attach two angle iron braces to the ceiling brace, connecting them to the opener using two $\frac{5}{16}$ " x $\frac{3}{4}$ " hex bolts and two $\frac{5}{16}$ " flange nuts.



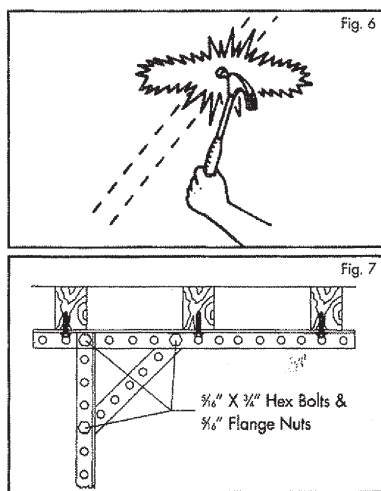
STEP 3: Connect the ceiling brace to one of the vertical connector braces by attaching a diagonal support brace with two $\frac{5}{16}$ " x $\frac{3}{4}$ " hex bolts and two $\frac{5}{16}$ " flange nuts. This will prevent side-to-side movement or flex that could cause premature wear or damage to your opener.

STEP 4: Using two $\frac{5}{16}$ " x $\frac{3}{4}$ " hex bolts and two $\frac{5}{16}$ " flange nuts, connect your garage door opener device to the two vertical angle iron braces.



WARNING

The garage door opener must be level and square with the garage door to prevent damage or injury.



*Feel free to email us at info@duralifthardware.com or visit our website www.duralifthardware.com, for any questions or concerns.