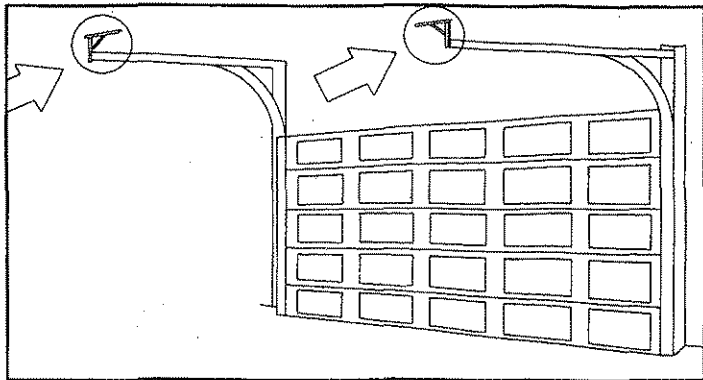
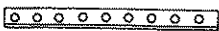



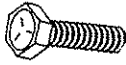





## Rear Track Hanger Kit Assembly And Mounting



**ATTENTION:** If your ceiling is finished with plaster or plaster board it is necessary to use 3" long lag screws (minimum), not provided.

**Parts Contained:**

- (2) Upright Braces (20" Long)\*\*\* 
- (2) Rafter Braces (26" Long) 
- (2) Sway Braces (14" Long) 
- (6) Lag Screws  $\frac{5}{16}$ " x  $1\frac{5}{8}$ " 
- (6) Hex Head Bolts  $\frac{5}{16}$ " x  $\frac{3}{4}$ " 
- (6) Hex Flange Nuts  $\frac{5}{16}$ " diameter 
- (2) Hex Head Bolts  $\frac{3}{8}$ " x  $1\frac{1}{4}$ " 
- (2) Hex Flange Nuts  $\frac{3}{8}$ " diameter 

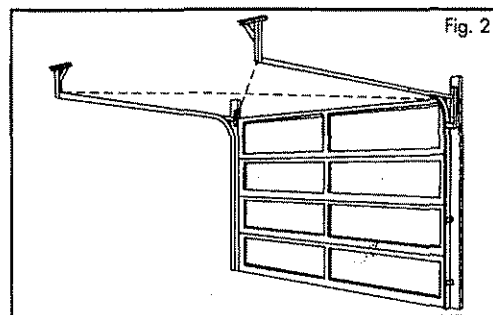
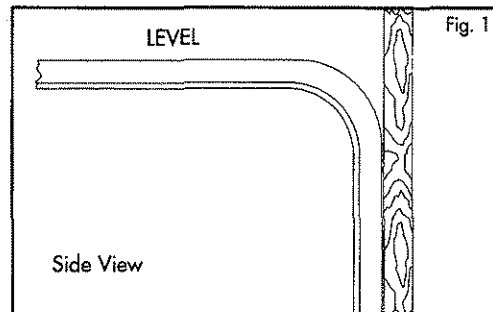
\*\*\*If the distance between the top of your door and the roof rafters is greater than 24", longer upright braces will be needed (not provided —  $1\frac{1}{2}$ " x  $1\frac{1}{2}$ " punched angle at least 13 ga. or  $\frac{3}{32}$ " thick).

**IMPORTANT:** Please carefully read the following instructions before you begin installation of the rear track hanger kit. Installation of this kit should be done by a person with reasonable mechanical aptitude.

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

Begin by making sure that the horizontal tracks are (a) both level, (b) and square to the door.

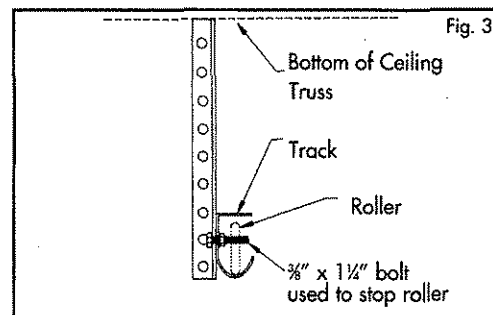
Squareness should be measured by comparing two diagonal distances: 1) the distance from the top left hand corner of the door to the rear of the right horizontal track and 2) the distance from the top right hand corner of the door to the rear of the left horizontal track. These measurements should be within 1" of one another 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, so that it will stop the top roller from exiting the horizontal track. See Figure 3.

Repeat procedure for the other side.

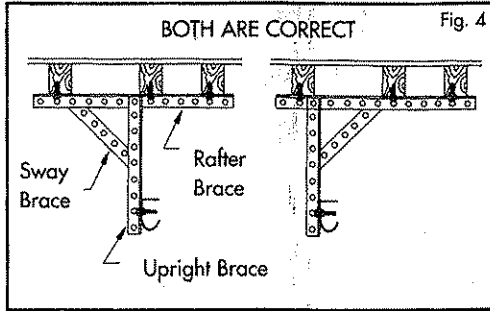


**WARNING**

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

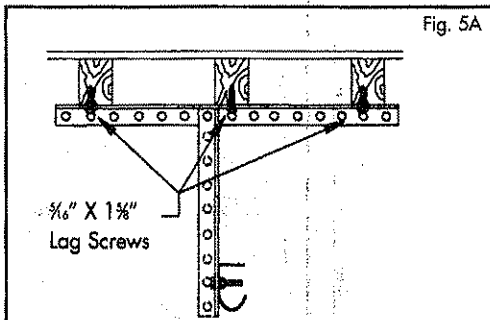
Note: Rear track hangers should not be mounted any further than 6" from the end of the horizontal track.

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

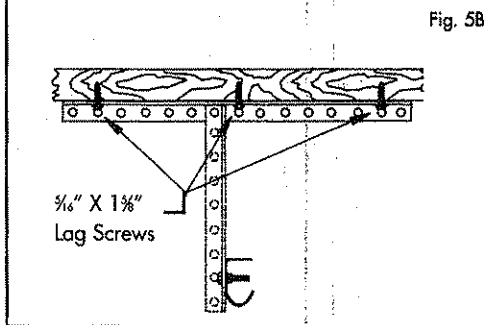


**Step 3:** Install rafter braces (26" long) by permanently fastening them to the ceiling trusses using a minimum of three  $\frac{5}{8}$ " x  $1\frac{1}{2}$ " lag screws. Be sure to drill  $\frac{3}{8}$ " pilot holes before installing lag screws.

(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 one nearest the rear of the track.



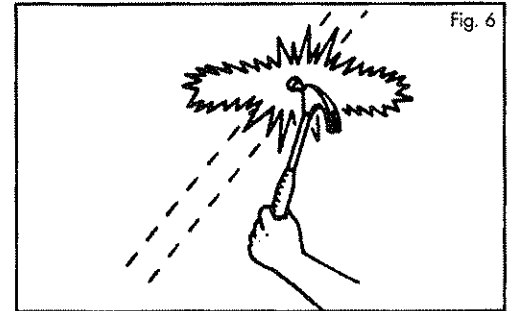
Note: Any location within 6" of the rear of the track will give ample support and will not hinder the door operation. If the rear track hanger is moved forward on the horizontal track, the installer may need to move the upright brace, which entails drilling a new  $\frac{3}{8}$ " hole in the track.



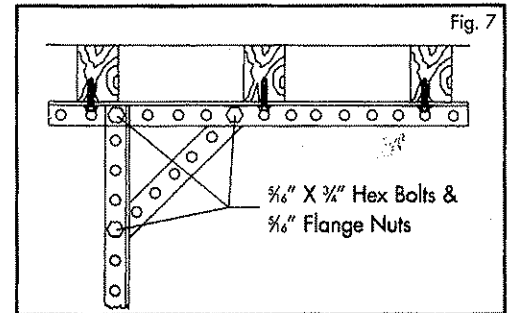
**WARNING**

Use adequate length screws to fasten rear track hangers into trusses (min. 1 $\frac{1}{2}$ "). Door may fall and cause injury if not properly secured.

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



**Step 4:** Bolt the upright braces to the rafter braces (14" long) using  $\frac{5}{8}$ " x  $\frac{3}{4}$ " hex bolts and  $\frac{5}{8}$ " flange nuts. Attach sway braces at the rear of the assemblies using  $\frac{5}{8}$ " x  $\frac{3}{4}$ " hex bolts and  $\frac{5}{8}$ " flange nuts. Tighten all the bolts including the bolts used to fasten the horizontal track to the upright braces.



**WARNING**

Sway braces must be used to prevent tracks from spreading and allowing door to fall.