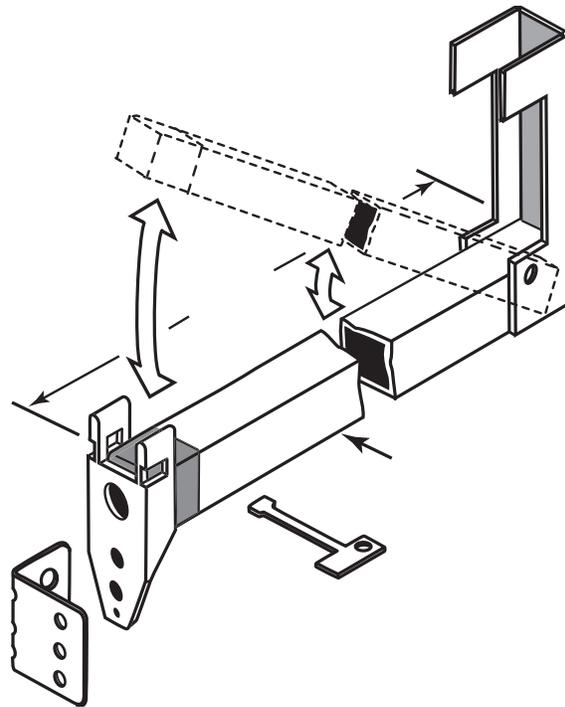
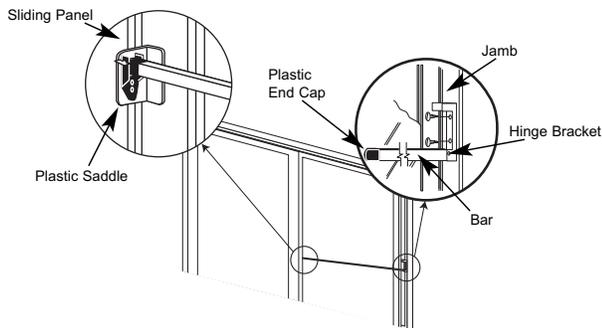
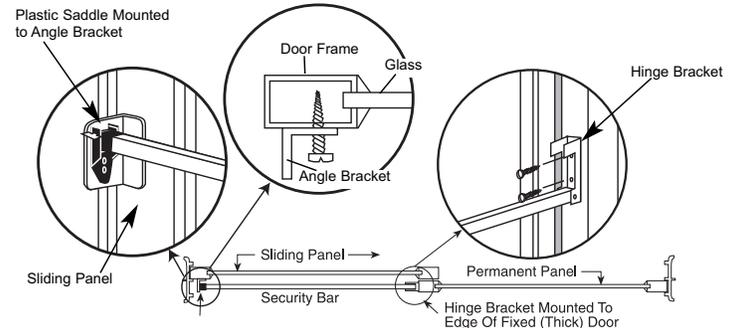


**Patio Door Security Bar**

Barra de seguridad / Puerta de patio

**Barre de sûreté /Porte-patio****On Sliding Patio Doors where the sliding door is On the INSIDE**

1. Slide patio door to a closed position and lock so that the bar can be properly installed.
  2. The bar will fit door panels 48" wide or smaller (bar can be cut to size).
  3. The typical height of a sliding glass door is approximately 80". If the bar is left at its full length (48"), the bar must be mounted at a position on the frame of the door that is no higher than 30" from the floor so the bar can be flipped up in a storage position. On a narrower door, the same considerations must be made and the bar should not be mounted higher than 40" from the floor, again allowing the bar to be flipped up in a storage position.
  4. The hinge bracket end of the bar should be placed against the frame of the fixed panel (opposite the frame of the sliding panel). The opposite end of the bar, away from the hinged bracket end, can be placed against the edge of the sliding door and marked. From the mark on the bar, an additional mark should be made 1/8" shorter so when the bar is cut and the black plastic end cap is added, it will sit properly in the plastic saddle. The bar can be mounted on the frame of the door with 2 no. 8 x 5/8" sheet metal screws.
  5. Now that the bar has been secured to the frame, the plastic saddle can be mounted to the edge of the sliding door. However, in placing the end of the bar in the plastic saddle before securing the saddle, the proper hole position should be marked. To make certain that the bar is perfectly level in the horizontal position, we suggest that a level is used. If a level is not available, then you should measure the top of the bar at the fixed end and make certain that the other end matches.
- When drilling into the edge of the sliding door, use a 1/8" drill and make certain that you do not drill deeply into the door or you may hit the glass panel. Hitting the glass panel could cause breakage. Now take the remaining 2 no. 8 x 5/8" sheet metal screws and secure the plastic saddle to the sliding door edge. Before securing the second screw, slide the end of the ball chain on the screw and secure so that the locking key is next to the saddle, ready for use. Note that the remaining parts (2) no. 12 x 5/8" sheet metal screws along with the steel angle bracket and 2 plastic caps can now be discarded since they are only used for installation of the bar on sliding doors where the door is on the outside. The steel key is used to

**On Sliding Patio Doors where the sliding door is On the OUTSIDE**

1. Slide patio door to a closed position and lock so that the bar can be properly installed.
2. The hinge bracket end of the bar will be secured to the edge of the fixed door. However, before mounting bar to fixed door, the steel angle bracket must be mounted to the sliding door panel on the inside. This will require drilling 2-5/32" holes in the sliding panel door frame. In doing this, you must take extreme caution in that these holes must not be any closer than 3/4" from the inside edge of the frame to keep the holes away from the glass panel on the inside of the frame. A drill hitting the panel could cause breakage; use extreme caution: Before marking the position of the bracket, please refer to item #3 in the inside slider instructions for proper positioning of the bar. In all cases, the bar must be able to be lifted in a vertical position for storage.
3. Once the proper height of the bracket is determined, the angle bracket should be held in position, as illustrated, and the holes marked. Use a 5/32" drill for making the holes. Use the 2 no. 12 x 5/8" sheet metal screws to secure the steel bracket to the door frame.
4. Now that the angle bracket has been mounted to the door frame, the plastic saddle can be secured to the angle bracket with 2 no. 8 x 3/8" machine screws and hex nuts.
5. Now that the plastic saddle and angle bracket have been assembled and secured to the door, you must measure from the inside of the plastic saddle to edge of fixed door panel to determine proper length of bar. Reduce this measurement by 1/8", cut to proper length. The end of the bar should be filed so no rough edges exist. Place black plastic end cap on the bar. Locate plastic end cap on end of bar into the plastic saddle so that the hinge bracket holes can be marked on the fixed door panel. Before marking the holes and securing, we suggest that a level is used to make certain that the bar is perfectly level.
6. Now 2-1/8" holes should be drilled. Please make certain that you do not drill too deep because a drill hitting the edge of the glass inside the door frame could cause breakage. Use extreme caution. Secure hinge bracket to the door edge.

NOTE: Installation drawings are typical for this style of replacement part. They may not show a part identical to the one you are installing.

NOTA: Los dibujos para la instalación son genéricos para repuestos de este tipo; por lo que podrían no mostrar una pieza idéntica a la que usted esté instalando.

REMARQUE: Les dessins d'installation sont typiques pour ce style de pièce de rechange. Ils pourraient ne pas illustrer une pièce identique à celle que vous installez.

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