



GATE/DOOR CLOSER MOUNTING INSTRUCTIONS FOR DOORS, WOOD GATES AND POSTS

Read all instructions completely before installing the KANT-SLAM GATE/DOOR CLOSER!!

The KANT-SLAM CLOSER is designed to push the door/gate shut and is to be installed on the side where the door/gate hinge pins are located.

KANT-SLAM will close doors/gates which are flush with the door casing/post or where "set-in" as much as 2". Where the door/gate is "set-in" more than 2", it will be necessary to add a spacer block between the door/gate and the TIE BAR PLATE (Fig. 2), so the TIE BAR (Fig. 1) is approximately in line with the face of the door casing or gate post.

KANT-SLAM will function on either left or right hand doors/gates by inverting the TIE BAR, TIE BAR BRACKET and HINGE BOLTS. KANT-SLAM can be installed at the top, middle or bottom of the door/gate. For bottom installation, the TIE BAR must be 6" from floor or ground.

INSTALLATION PROCEDURE: (See Figs. 1, 2 and 3 for parts references)

#1. Assemble TIE BAR and BRACKET by connecting with the supplied HINGE BOLT and NUT.

#2. Place the TIE BAR and BRACKET on the door/gate and align the BRACKET with the edge of the door/gate (Fig. 1). Mark any one of the BRACKET holes, then drill a $\frac{3}{16}$ " hole and insert one $1\frac{1}{2}$ " screw and draw tight. If the wood post is round, the BRACKET must be mortised into the wood post in order to mount the BRACKET firmly to the wood post.

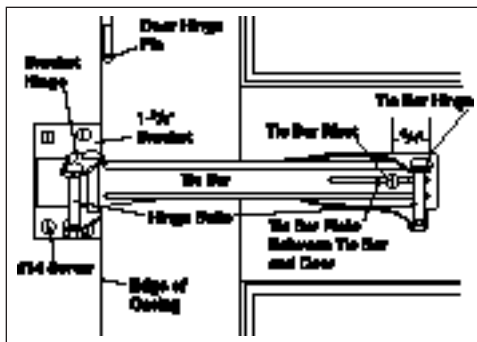


Figure 1

#3. With door/gate closed and with the edge of the BRACKET aligned with the door casing or wood post, mark the outline of the TIE BAR slot onto the door/gate. Measure back $\frac{3}{4}$ " from the end of the slot (Fig. 1) and mark this location.

Locate the center of the slot in the TIE BAR PLATE (Fig. 2) vertically on the $\frac{3}{4}$ " mark, and mark the 2 screw holes. Drill with a $\frac{1}{8}$ " bit.

Insert the rivet (A) into the vertical slot in the TIE BAR PLATE (B) from the "U" side and attach the TIE BAR PLATE to the door/gate with the 2 screws (C). Insert the fiber washer (D) onto the rivet, move the TIE BAR to the TIE BAR PLATE, aligning the slot in the TIE BAR so the rivet projects through this slot, insert the steel washer (E) on the rivet, position the rivet hole horizontally and install the cotter pin (F) through the hole in the rivet. The $\frac{3}{16}$ " movement between the connection of the TIE BAR and the TIE BAR PLATE ASSEMBLY is necessary for proper operation.

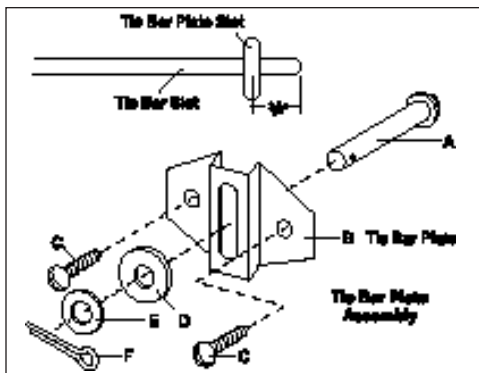


Figure 2

#4. Open and close the door/gate to see that the TIE BAR works freely and its movement does not force the BRACKET to change position. Install the 3 remaining $1\frac{1}{2}$ " screws in the BRACKET.

#5. Position the CYLINDER-SPRING ASSEMBLY (Fig. 3) so the ADJUSTING SCREW is pointed upward and the FILLER SCREW is toward you; insert the "S" LEVER HINGE into the BRACKET HINGE and connect the two with the HINGE BOLT, secure with the NUT. Move the CYLINDER-SPRING ASSEMBLY to the TIE BAR HINGE and connect with the HINGE BOLT by slightly opening the door/gate to attain the proper hinge alignment—then secure with the NUT.

#6. Half open the door/gate and remove the "U" key from around the PISTON ROD. Save this "U" key as it must be replaced should it ever be necessary to remove the CYLINDER-SPRING ASSEMBLY. Open the door/gate 90° and allow the KANT-SLAM CLOSER to return the door/gate to the closed position. You may adjust the return speed of the door/gate by turning the ADJUSTING SCREW (Fig. 3) clockwise to slow the return or counterclockwise to increase the closing speed. Clip the

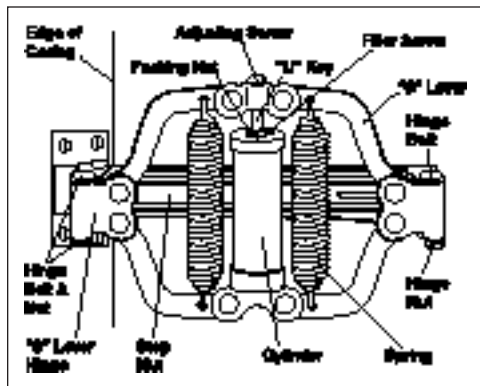


Figure 3

COVER onto the CYLINDER with the curved section of the COVER up. Your installation is now complete.

The KANT-SLAM unit is self-closing. To have the door/gate operate with a "stand open" mode, simply remove the Stop Nut shown in Figure 3. Removal of the Stop Nut will allow the door/gate to open beyond 90° and remain open until pushed towards the closed position.

Do not attempt to force the KANT-SLAM CLOSER beyond the Stop Nut. Doing so may damage the unit and keep it from operating properly.

MOUNTING INSTRUCTIONS FOR METAL GATES INCLUDING CHAIN LINK GATES

Read all instructions completely before installing the KANT-SLAM CLOSER.

As there are several different types of gates—ornamental iron, chain link, et al.,—these instructions will be basic, and an installer may need to adapt them. The mounting instructions for doors, gates and posts generally apply, with the following exceptions.

See Figures 1, 2 and 3 for parts references.

#1. METAL POST INSTALLATION—TIE BAR BRACKET (Fig. 1). There are several methods of installation:

- A. The TIE BAR BRACKET may be welded to the metal post. Care must be taken to position the TIE BAR BRACKET according to instructions for doors, gates and posts.
- B. A flat metal plate may be welded to the metal post. The TIE BAR BRACKET may then be bolted to the metal plate. (Metal plate and bolts are not included.)
- C. If the metal post has a flat surface at the desired mounting location, the TIE BAR BRACKET may be bolted direct to the metal post.

#2. CHAIN LINK GATES—INSTALLATION OF THE TIE BAR PLATE:

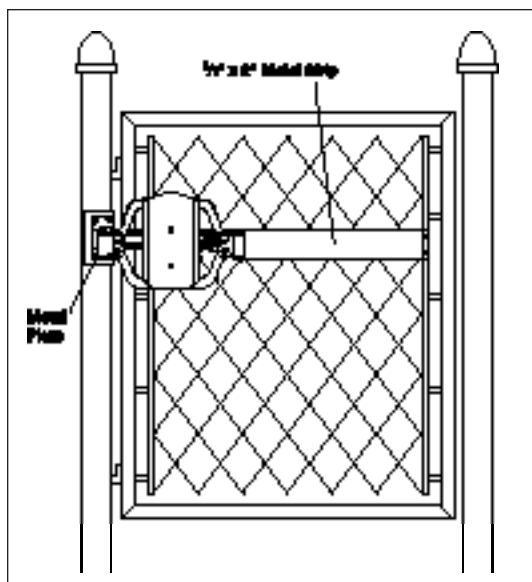


Figure 4

For CHAIN LINK GATES, it may be necessary to secure a flat section of metal strip (approximately $\frac{1}{8}$ " x 2") horizontally from one edge of the wire mesh to the other. This metal strip should be bolted or welded to the vertical wire mesh supports; this will secure the 2" metal strip to the chain link gate. The TIE BAR PLATE can be bolted to the 2" metal strip following the steps outlined in the mounting instructions for doors, gates and posts. (See Fig. 4) (2" metal strip not included.)

LIMITED WARRANTY

KANT-SLAM DOOR CHECK COMPANY warrants the KANT-SLAM CLOSER for 12 months from date of purchase, only to the original purchaser, against defective material and workmanship. KANT-SLAM'S obligation under this warranty is limited to the repair or replacement, at its option, of the product or any parts thereof, when KANT-SLAM determines in good faith that the defect is due solely to materials and/or workmanship, and is conditioned upon payment by the purchaser of all transportation cost incident to such repair or replacement. Return the product or parts thereof, transportation prepaid, with proof of purchase date, to Factory Service Department, KANT-SLAM DOOR CHECK COMPANY, 46 W. Spring Street, Bloomfield, Indiana 47424. KANT-SLAM DOOR CHECK COMPANY reserves the right to levy a service charge for handling, packaging and refinishing the product or parts thereof. This warranty does not include the cost of any inconvenience or property damage due to the failure of the product, transportation damage, misuse, abuse, accident or similar incidents. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. This warranty replaces all previous warranties and is the only warranty made by KANT-SLAM DOOR CHECK COMPANY on this product. No other warranties, either verbal or written, are authorized.

**THE KANT-SLAM DOOR CHECK CO.
Drawer 228 • Bloomfield, Indiana 47424**

IMPORTANT

Dealer: Please bring this Envelope to Attention of Purchaser.

**BEFORE INSTALLING KANT-SLAM
READ INSTRUCTIONS CAREFULLY.**

**KEEP THESE INSTRUCTIONS
FOR FURTHER REFERENCE.**

SERVICE INFORMATION

The brass PACKING NUT on top of the CYLINDER SHOULD NEVER BE LOOSENEED! If a slight amount of fluid appears to be leaking around the PISTON ROD, the PACKING NUT should be tightened 1/8 of a full turn but NEVER MORE THAN 3 TURNS!

If completely tightening the ADJUSTING SCREW clockwise does not adequately restrict the closing speed of the (door-gate), the CYLINDER is low on fluid. To replace fluid, put Universal Hydraulic Fluid in a squirt type can, close the (door-gate), remove the FILLER SCREW, insert the spout of the can into the FILLER SCREW HOLE, fill the CYLINDER completely with fluid . . . replace the FILLER SCREW tightly.