

Detex Exit Bar Kit Installation

Materials Included:

1 - mounting plate - 2 pieces with inner and outer plate (reversible)
8 - tek-screws, stainless steel
1 - exit bar
1 - receiver plate and strike
1 - 3/8" u-bolt, stainless steel
2 - flat washers
2 - cap nuts, stainless steel
3 - 3/16" X 3/4" machine screws w/nylon lock nuts, stainless steel
2 - 1/4" X 3/4" machine screws (for strike plate), stainless steel
2 - 1/4" X 1" machine screw w nylon lock nuts, stainless steel
2 - 1 1/4" sheet metal screws, stainless steel
2 - 1/4" x 1/4" machine screws, stainless steel
lockbox and key cylinder with back plate and screws

Determine gate width allowing approximately 1" for the latch side of the gate plus an allowance for the gate hinges you are using. **Be sure to include a horizontal brace in the area of the mounting plate.** Ornamental gates should not need horizontal bracing.

Outside plate can be reversed for either left or right hand installation. Mounting plate will slide to proper width. Plate will be installed on inside of gate frame.

Take lockbox and insert lip into slot on plate. Install cylinder into lockbox by using cylinder back plate and screws. **Be sure key position allows for key removal.** Install backplate subassembly using only the two outer holes at this time using the 3/16" machine screws. Depress pushpad and install exit bar on backplate subassembly. Install the last 3/16" X 3/4" screw thru lockbox and subassembly and also install the two 1/4" X 1/4" screws into subassembly. If the exit bar is too wide to fit gate, cut end of bar to make shorter.

Attach mounting plate to gate by using tek-screws. (Hint, drilling pilot hole first into thick wall pipe will make it easier to install tek-screws.) Exit bar height is approx. 40" to 42" to floor. **Check your local code.**

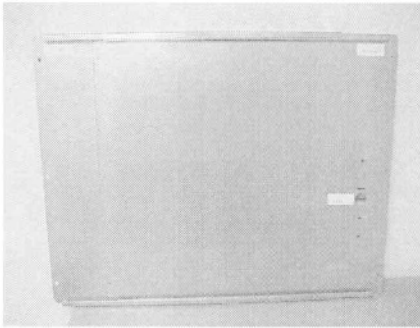
Drill two 1/4" holes through mounting plate where needed for back support bracket and install with 1/4" X 1" machine screws with lock nut or just use sheet metal screw if desired.

Cut out tension bar to allow area for lockbox then trim and knuckle fabric by lockbox area.

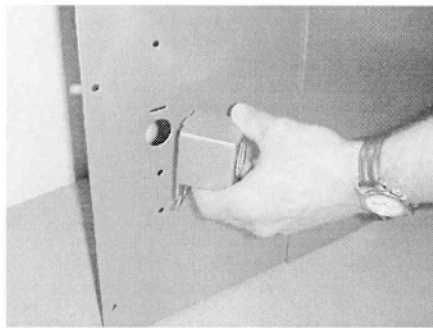
Install strike latch onto receiver bracket using two 1/4" X 3/4" screws provided. After mounting plate and exit bar are installed on gate, install receiver bracket on latch post by using u-bolt with flat washer and cap nuts. Adjust so that exit bar latch hits strike. Check for smooth operation and engagement. Install two tek-screws through receiver into post.

- The installation of a transom over gate for added stability is recommended.

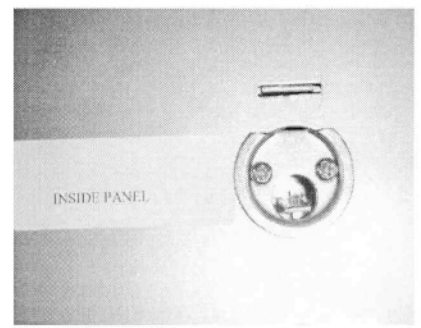
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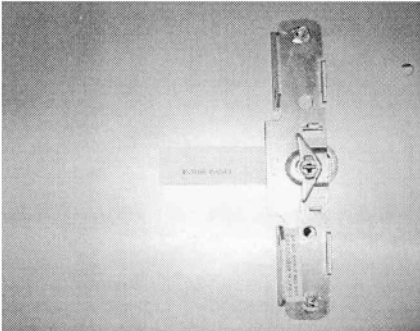
1. Determine left or right hand installation. Outer plate is reversible.



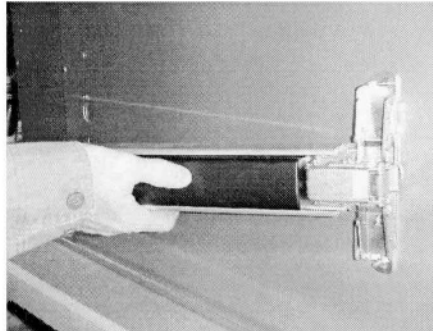
2. Install lockbox and key cylinder.



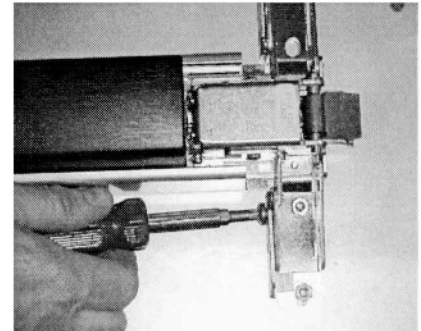
3. Use back plate with screws to hold key cylinder. *Be sure key position allows for key removal.



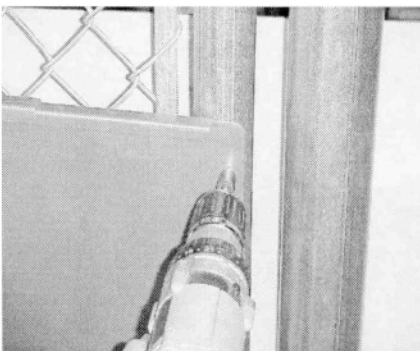
4. Install backplate subassembly. *Use only two screws at this point in the outer holes only.



5. Depress pushpad and install exit bar on backplate subassembly.



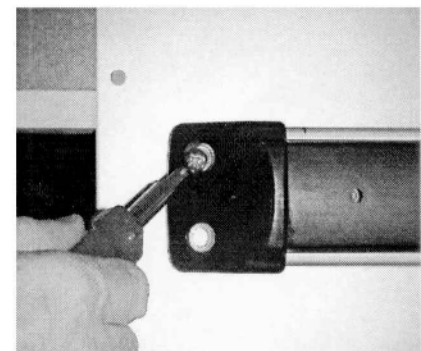
6. Install 1/4-20 x 1/4" screws through exit bar into backplate subassembly. *Also install the last screw through lockbox and attach with locknut.



7. Slide plate to width of gate and attach to frame.

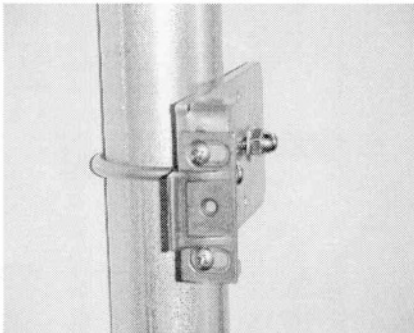


8. Cut and remove tension bar. Cut and knuckle fabric.

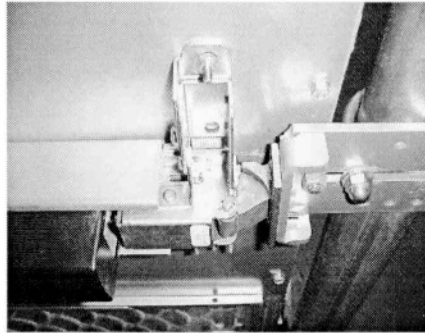


9. Cut bar to fit frame. Attach using machine screw and nut or sheet metal screws.

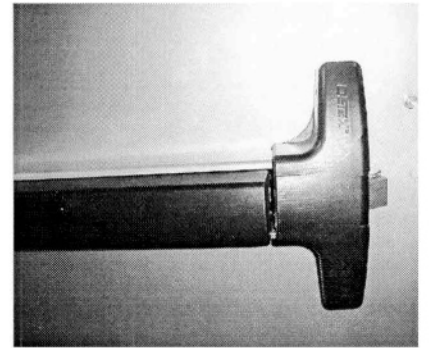
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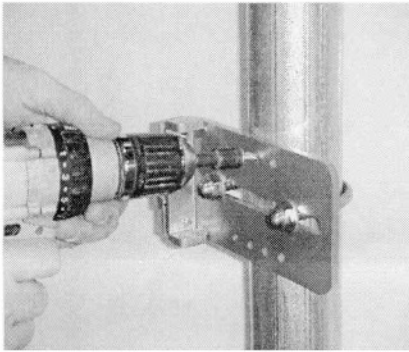
10. Screw strike latch to latch bracket.



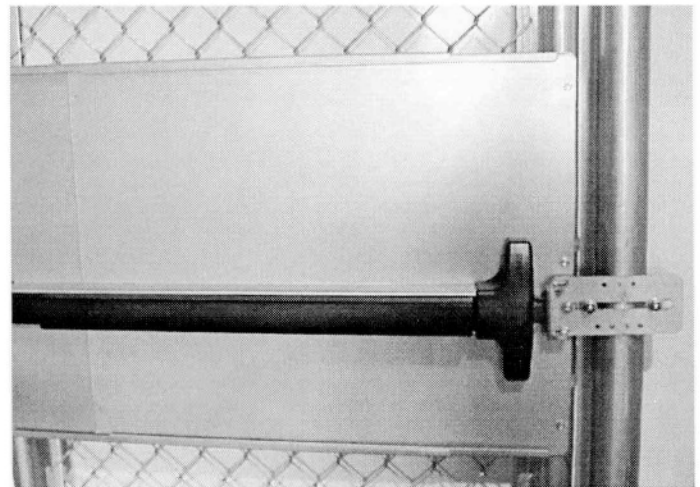
11. Adjust so that exit bar latch hits strike.



12. Install Cover.



13. After latch bracket is adjusted properly, attach to post with tek-screws.



Guards are available for extra security or for gaps greater than 1" at an additional cost.

