Folding Wall Mount Kennel Installation
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INTRODUCTION

Thank you for placing your trust in T-Kennel Systems. T-Kennel values you as a customer and will do everything we can to provide quality products and service, to assure your experience with T-Kennel is a pleasant one.

The animal kennel system you have purchased has been precision made and shipped according to your instructions. Once assembled, your system will look custom built and especially made for your animal holding area.

For your personal safety, the safety of your workers, the public safety, and to maintain your kennel system it is very important to read and follow all instructions.

KENNEL INSTALLATION MANUALS ARE AVAILABLE FOR:

Single Kennel Installation on Raised Floor  
Double Kennel Installation on Raised Floor  
Single Kennel Installation on Concrete Floor  
Double Kennel Installation on Concrete Floor  
Space Saver Single Kennel Installation on Raised Floor  
Double Decker Installation on Concrete Floor  
Double Decker Installation on Raised Floor  
Quad Installation on Concrete Floor  
Quad Installation on Raised Floor  
Space Saver 2.0 Single Kennel Installation on Raised Floor  
Space Saver 2.0 Single Kennel Installation on Concrete Floor  
Folding Wall Mount Kennel Installation

SAFETY FIRST:

▲ CAUTION Kennels are heavy and precautions must be taken to protect from personal injury. Get help when lifting heavy parts.

▲ CAUTION Edges of steel and stainless steel kennels and parts may be sharp. We recommend that you always wear protective gloves during unloading, inspection and assembly.

▲ WARNING T Kennel products are designed for animal use only. Never allow a person in or on your Kennel Assembly.
**A. Tools Required** *(Not Included)*

This list of tools is the minimum required to install/assemble your Kennels. Depending on your facility and kennel configuration, you may need additional tools and/or specialty tools.

<table>
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<th>RATCHET/SOCKET WRENCH</th>
<th>SCREW GUN</th>
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<tr>
<td>WRENCH 5/16” AND 7/16”</td>
<td>4 FT. LONG LEVEL</td>
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<td>7/16” COMBINATION WRENCH</td>
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<td>5/16” HEX HEAD DRIVER</td>
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**Other Tools:** Tape Measure, Straight-Line (Laser or String), Pry-Bar, Screw Driver, Hammer, Chalk Line, Saw Zall with Bi-Metal Blade, Hammer Drill with concrete Bit, Tin Snip and Hacksaw.
**B. Kennel Assembly Hardware**

Hardware pictured below is for the assembly of T Kennel’s standard Kennel System. Your hardware may vary depending upon your kennel configuration, building design, etc. Please feel free to call our Sales Department or Tech Services Department if you have any questions.

![Image of hardware components]

- **041.0069.02** STRIKER BAR
- **731.0000.00** LATCH ASSEMBLY-LH
- **051.0000.19** CAP, PLASTIC 1X1
- **825.00065** HINGE, UPPER GATE PIVOT
- **061.1010.00** #12X1 TEK SCREW
- **061.1020.01** #12X2 TEK SCREW
- **062.2515.00** 1/4-20X1.5 CAP SCREW
- **064.2500.22** 1/4-20 NYLOCK NUT
- **041.0149.01** Castor, Swivel w/ Brake
- **041.0175.00** LATCH, SLIDING BOLT
- **041.0176.00** PIN, QUICK RELEASE
- **825.00064** HINGE, LOWER GATE PIVOT
- **825.00069** HINGE, SIDE PANEL PIVOT
C. Hinge, Side Panel Pivot Installation

Notes:
1. First, measure 2 1/8” from high point in floor (Figure 1) and strike a chalk mark along wall where Folding Wall Mount Kennels are to be installed. High point can be up to 48” out from wall where Caster w/ Brake will be traveling in an arc.

2. Hinge, Side Panel Pivot must be vertical in both directions (front to back and side to side) in order to operate properly. Care must be taken in order to insure this.

3. Suggested floor slope is flat.

4. Installation will always start on the left hand side and build to the right.
D. Installing Pin, Quick Release on Floor

- **Floor**
- **Pin, Quick Release**
- **#12x1 Tek Screw**

Make sure that Pin has enough lead that it can travel thru past Floor tube frame before securing in place with Tek Screw.

Assemble all Floors at this time.

E. Installing Floor and next Hinge, Side Panel Pivot

1. Two people will be required to install Floor. The first person will insert the pin on left outside of Floor (shown in Figure 3) into Tube, Pivot, Floor, Hinge. Raise Floor to vertical position and place Pin, Quick Release thru hole and into slot in side of Hinge, Side Panel Pivot as shown in Figure 3A. Use a Clamp to hold Floor in place while the next Hinge, Side Panel Pivot is slipped over the pin on the right side of outside of Floor (Figure 3B).
2nd Hinge, Side Panel Pivot

Floor

Figure 3
(similar)

Figure 3B

See Figure 1A

See Figure 1B

2. While first person holds **Hinge, Side Panel Pivot** in place the second person levels **Hinge, Side Panel Pivot** in both vertical directions and attaches to wall. (*Figure 1, 1A, 1B*) Repeat as needed per your signed off drawings.

---

**F. Assembling Side Panel Assembly**

825.00064
HINGE, LOWER GATE PIVOT

1. Attach **Hinge, Lower Gate Pivot** to the **Side Panel** using (3) 2” Self-Drilling Tek Screws in front through pre-drilled holes and (2) #12x1 Self-drilling Screws on bottom (*Figure 4 and 4A*). See *Figure 4A* to see orientation of **Hinge, Lower Gate Panel** correctly on **Side Panel**.

2. Top of **Plate, Base Front Hinge** on **Hinge, Lower Gate Pivot** should butt against bottom of **Side Panel**. (*Figure 4A*)

3. Side of **Hinge, Lower Gate Pivot** should line up with side of frame of **Side Panel**. (*Figure 4B*)
4. **Plate, Base Front Hinge** of **Hinge, Lower Gate Pivot** must be on **Side Panel** side as shown in **Figure 4A**

5. Side of **Hinge, Lower Gate Pivot** and **Side Panel** to line up as shown in **Figure 4B**

6. Next, screw **Caster Swivel w/Brake** into bottom of **Hinge, Lower Gate Pivot** where shown in **Figure 4C**

7. Assemble all **Side Panels, Hinge, Lower Gate Pivots** and **Caster w/Brakes** at this time.
G. Place Side Panel Assembly on Hinge, Side Panel Pivot

1. Take Side Panel Assembly and tip it as shown in Figure 5. Slide upper part of Side Panel Assembly under Hinge Pin, Upper on Hinge, Side Panel Pivot (Figure 5A). Then rotate bottom of Side Panel Assembly so that it fits on Pivot, Hinge-Side Panel, Lower on Hinge, Side Panel Pivot. Let Side Panel Assembly rest on Pivot, Hinge-Side Panel, Lower of Hinge, Side Panel Pivot.

2. Continue to place assemblies across wall. If assembly starts to roll, lock Caster w/ Brake to hold in place.

3. At this time, if jam nut exists on Caster w/ Brake, adjust Caster at this time with adjusting nut.
H. Installing Gate Panel

1. Locate the Gate Panels and remove the Door from each Gate Panel by slightly opening and lifting up on the Door. Once the Door clears the hinge pin at the bottom, pull the bottom of Door toward you (Figure 6). Pull the top of the Door down until the top of the Door clears the top hinge pin.

Mark all of the Doors so that they match with the original Gate Panels. Put the Doors aside until all the Gate Panels are ready to attach.

2. Release brake on Caster for Side Panel Assembly

3. Pull Pin, Quick Release out of hole it is in on Floor (shown in Figure 3A) and put Floor in lower position with front of Floor resting on Plate, Base-Front Hinge located on front of Side Panel Assembly. (Figure 7)

4. Lock brake on Caster.

5. Unlock brake on Caster on other side of Floor. Place front corner of Floor on Plate, Base-Front Hinge. (Figure 7A)
6. Lock brake on Caster of this Side Panel Assembly.

7. Take Gate Panel and place bottom on T-K, Pin, Lower Hinge located at front of Side Panel Assemblies. (2 places at bottom) (Figure 7B)
8. While one person is holding this up, a second person will mount the **Hinge, Upper Gate Pivot**. (Figure 7C)

![Figure 7C](image)

- Cap, Plastic, 1x1
- Hinge, Upper Gate Pivot (hinge side only)
- Gate Panel
- Side Panel Assembly
- (2) #12x1 Self-Drilling Tek Screws

9. Next mount the **Latch, Sliding Bolt Door/Gate** to right front top of **Gate Panel** and top front of **Side Panel Assembly**. (Figure 7D)

![Figure 7D](image)

- (4) #12x1 Self-Drilling Tek Screws
- Latch, Sliding Bolt
- Gate Panel
- Side Panel Assembly

10. Continue to place these items on assembly you are building.

11. Reinstall **Doors**.

Note: After **Gate Panels** are installed they are not removable except by removing **Hinge, Upper Gate Pivot**.
I. Install Striker Bar and Latch Assembly

![Figure 8]

1. Install the **Striker Bar** to the pre-drilled **Door** using a 1/4"-20 x 1-1/2 Hex Bolt and 1/4"-20 Nylock Nut (Figure 8). Position the **Striker Bar** into a horizontal position.

**Note:**
To install the **Latch Assembly** to an Optional Stainless Steel **Gate Panel**, you must pre-drill the holes using a 3/16" cobalt drill bit through only one wall of tube for the 1" **Tek Screws** by matching with the pre-drilled holes in the **Latch Assembly**.

2. Hold the **Latch Assembly** in place against the **Gate Panel** and close the **Door**. Make sure to center the **Striker Bar** within the latch pocket and latch looks straight. Using (4) 1" **Tek Screws**, attach the **Latch Assembly** to the **Gate Panel** (Figure 8).

J. Folding Kennels

1. Raise **Floor** and lock in vertical position. (reference **Figures 3A and 3B**)

2. Unlatch **Gate Panel** at top right side. Lift handle up and slide to the left. (reference **Figure 7D**)

3. Lift **Gate Panel** off lower pivot pins and rotate to back.

4. Unlock **Casters** and fold **Side Panel Assemblies** from the 1st one thru the next to last one toward the left side.

5. Fold last **Side Panel Assembly** on the right side to the right.

6. To unfold kennels reverse this order.