

LOCKEY HYDRAULIC GATE CLOSER INSTALLATION INSTRUCTIONS



TB200 | 400 | 600 ~ TB250+ | TB450+ | TB650+

No.	Part Name	Qty.
1	Hydraulic Cylinder	1
2	Post Bracket (Triangular)	1
3	Gate Bracket	1
4	Fitting Bar (<i>not shown</i>)	1
5	Securing Pins (Hexagon Head)	2
6	Spacers	4
7	Socket Cap Screws	2
8	Washers	2



Gate Closer	36" Gate	48" Gate	60" Gate
<i>Added Opening Force</i>			
No Closer	3/4 lb.	1/2 lb.	1/4 lb.
TB200/250+	6 lbs.	4 lbs.	3 lbs.
TB400/450+	10 lbs.	8 lbs.	6 lbs.
TB600/650+	13 lbs.	10 lbs.	8 lbs.
<i>Added Force at 45° Open</i>			
TB200/250+	7 lbs.	5 lbs.	4.5 lbs.
TB400/450+	13 lbs.	9.5 lbs.	8 lbs.
TB600/650+	18.5 lbs.	13.5 lbs.	12 lbs.

Constant Closing Pressure
0 lbs.
45 lbs.
90 lbs.
135 lbs.

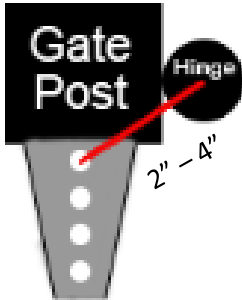
Approximate Width	Approximate Weight
36-52 Inches	50-125 lbs.
40-64 Inches	75-175 lbs.
44-72 Inches	150-250 lbs.

IMPORTANT

- Gate Closers should **not** open beyond 90 degrees. **Must** install a Gate Stop to prevent hyper-compression.
- If using tension hinges. Tension must be released to '0' or the minimum.
- Cannot** be used with bulldog hinges.
- When installing, carefully verify proper measurements. Improper installation will result in damage to the gate closer, and will void warranty.

Step 1: Secure Post Bracket (#2) to Gate Post

***RECOMMENDED 3-INCH DISTANCE FROM THE CENTER OF HOLE-A ON THE POST BRACKET (#2) TO THE CENTER OF THE HINGE. CANNOT BE MORE THAN 4" OR LESS THAN 2".**



- Hold Post Bracket (#2) to gate post & measure from center of hinge to Hole A (as shown).
- Distance must be between 2" - 4".
- Secure bracket to Gate Post.



Step 2: Use Fitting Bar to Measure/Secure Gate Bracket

- With the gate closed, use a Securing Pin (#5) to attach one end of the plastic Fitting Bar to the Post Bracket (#2) Hole-D.
- Now, hold the Gate Bracket (#3) to the gate, and use the Fitting Bar (#4) to place a Securing Pin (#5) through the Gate Bracket and Fitting Bar.
- Clamp the Gate Bracket into place. **Distance from #2-D to the hole in the Gate Bracket must measure 29 3/8".**



Step 3: Verify Measurements at 90 Degree Open

1. Open gate to 90 Degrees.
2. Measure from #2-D to the hole in the Gate Bracket (#3).
3. **Distance MUST measure 22" or more.**
Note: If distance is less than 22" at 90 degree open, the Gate Closer will hyper-compress, causing damage, and voiding the warranty. To prevent hyper-compression, measurements must be accurate and a gate stop must be installed at 90 degrees.
4. Once you have verified all measurements, close the gate and secure the Gate Bracket (#3) to gate.

IMPORTANT:
 A GATE STOP MUST BE INSTALLED TO PREVENT THE GATE FROM OPENING BEYOND 90 DEGREES. FAILURE TO RESTRICT THE GATE'S OPENING ANGLE MAY RESULT IN HYPER-COMPRESSION, CAUSING THE GATE CLOSER TO FAIL, AND VOIDING THE WARRANTY.



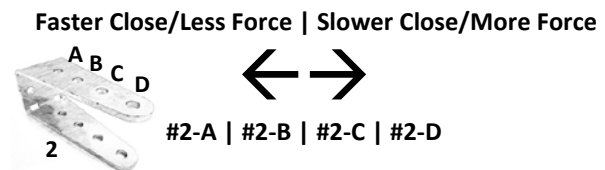
Step 4: Install your Lockey Gate Closer

**Do NOT cut Zip-Ties or Turn Adjustment Knob (TB250+/450+/650+) until Gate Closer is installed on gate.*

1. Grease Hex Pins (#5).
2. Use Hex Pin (#5), two nylon Spacers (#6) and Socket Cap Screw (#7) to secure the small end of the gate closer to the Post Bracket (#2).



Note: The speed of close and opening force are determined by the hole placement on the Post Bracket. See diagram below.



3. Use Hex Pin (#5), two nylon Spacers (#6) and Socket Cap Screw (#7) to secure the large end of the gate closer to the Gate Bracket (#3). You will need to open the gate slightly to align the holes properly.
4. Once the gate closer is secured to the gate with the Hex Pins and nylon Spacers, you can cut the Zip-Ties / turn Adjustment Knob (TB250+/450+/650+) to close the gate.



INSTALL A GATE STOP



Angled Gate Stop
 Order #: GS-1480



Heavy-Duty Gate Stop
 Order #: GS-1463

LINX KITS



Order #: TB-LINX

FOR CHAINLINK GATES

NO BULLDOG HINGES



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