**HYDRAULIC GATE CLOSER**

**TB200, TB400, TB600**

**INSTALLATION INSTRUCTIONS**

**Important:**
- This gate closer is mounted on the swing/open side of the gate and pushes the gate closed.
- A Gate Stop must be installed to keep gate from opening beyond 90 degrees.
- If using tension/spring hinges, release all tension and remove spring closers.
- Do NOT use with bulldog/strap style hinges. For best results, use male/female style hinges.

**INSTALLATION INSTRUCTIONS:**

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

*This step is the MOST important. The Post Bracket (#2) MUST be mounted first.*

Hold Post Bracket (#2) to the face of the gate post. Measure from the center of the first hole on Post Bracket (#2A) to the center of the Hinge Pin 見. This measurement MUST be between 2” and 4”. Clamp bracket into place.

**Note:** Regardless of hinge arrangement, the measurement from the center of the Hinge Pin 見 to the center of hole 2A on Post Bracket (#2) must not exceed 4” or damage to the gate closer may occur.

**Step 2: Measure/Secure Gate Bracket (#3)**

With gate in closed position, attach Fitting Bar (#4) to Post Bracket (#2) using a Securing Pin (#5) in hole 2-D (shown below (left)). Next, place a Securing Pin (#5) in the opposite end of the Fitting Bar (#4) and secure to the Gate Bracket (#3). Hold Gate Bracket (#3) to the gate and clamp into place.

The distance from the center of hole 2-D and the center of the Gate Bracket must measure 29 3/8”. Clamp/secure brackets then remove Fitting Bar (#4).

**Note:** If wall mounting, use Gate Bracket (#3) on the wall and the Post Bracket (#2) on the gate (shown below (right)).

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**No.** | **Part Name** | **Qty.**
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1 | Hydraulic Cylinder | 1
2 | Post Bracket (Triangular) | 1
3 | Gate Bracket | 1
4 | Fitting Bar | 1
5 | Securing Pins (Hexagon Head) | 2
6 | Spacers | 4
7 | Cap Screws | 2
8 | Washers | 2
9 | Retaining Bar | 1

**KEY:**

![Diagram](image)

**Gate Post**

**Gate in CLOSED position**

**Gate in CLOSED position**

**Wall Mounting a TB Gate Closer**

(may restrict 90 degree opening)
Step 3: Verify Measurements in OPEN Position
Open gate 90 degrees from closed position.
Measure the distance from the center of hole 2D on the Post Bracket (#2) to the center of the Gate Bracket (#3).
**The distance MUST measure 22” or MORE. If the distance is less than 22”, start back at Step 1.**
Once you have verified all measurements, close the gate and secure all mounting brackets.

**Install a Gate Stop:**
**IMPORTANT:** A gate stop MUST be installed to prevent gate from opening beyond 90 degrees.
Opening past 90 degrees will cause hyper-compression which will damage the closer.
LockeyUSA manufactures the GS90-MD and GS90-HD, along with the Chainlink Compatible Gate Stop, GSLiNX.

Step 4: Install your LockeyUSA TB Gate Closer
Grease Securing Pins (#5) with light silicone grease.
Place “Post End” of your gate closer to Post Bracket (#2).
Secure using a greased Securing Pin (#5) and two Spacers (#6), one spacer on top and one on bottom of the closer. Secure with a Washer (#8) and Cap Screw (#7) and tighten (shown to the right).
Next, open the gate slightly to align the hole on the “Gate End” of the gate closer to Gate Bracket (#3).
Secure using a greased Securing Pin (#5) and two Spacers (#6), followed by a Washer (#8) and Cap Screw (#7). Tighten.
With gate closer secured to the gate, slowly open the gate to remove Retaining Bar (#9).

To adjust speed/force:
Move gate closer to desired mounting hole.
A= Least Closing Force/Fastest Closing Speed
D= Maximum Closing Force/Slowest Closing Speed