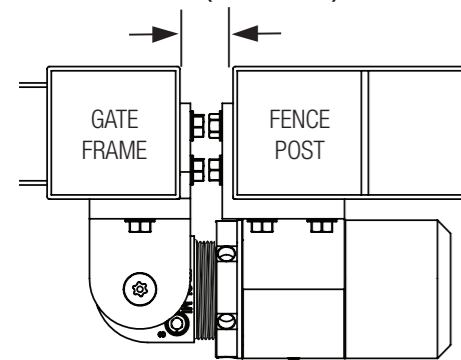


**Models:**

74108333T SureClose RF180 Aluminum Screw-On  
74108335T SureClose RF180 Steel Weld-On

**GATE GAP VARIANCE:**  
1/2" - 1 3/8" (12-35mm)



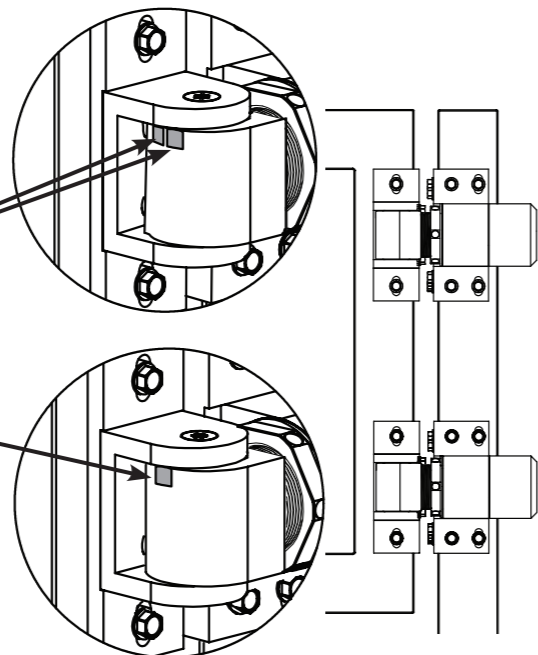
COMPLETED INSTALLATION

**1 HINGE PLACEMENT**

Always mount **DOUBLE-DIMPLED** hinge to **TOP** of gate.

AND...

Always mount **SINGLE-DIMPLED** hinge to **BOTTOM** of gate.

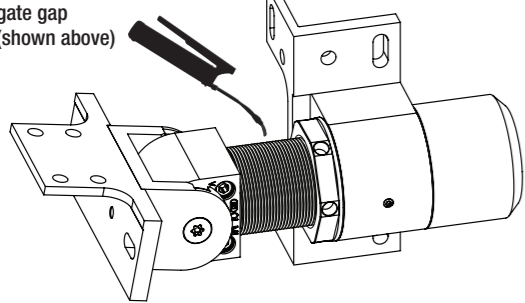


**TOOLS RECOMMENDED**

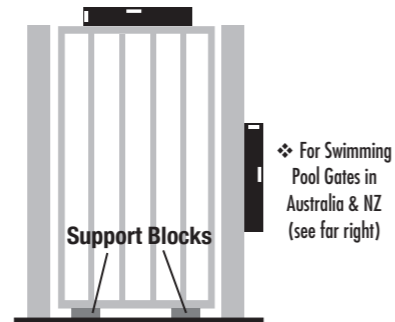
- 11/64" (4.5mm) Hex Key
- Pencil
- 2.5mm Hex Key (supplied)
- 17/8" (48mm) Wrench
- 5/16" (8mm) Hex Key
- Drill
- Grease
- Level
- Adjustment Tool (supplied)

**2 GREASE THREAD**

Rotate hinge components to expose maximum thread. Grease thread lightly. Rotate thread back to required gate gap (shown above)



**3 ENSURE GATE IS LEVEL**



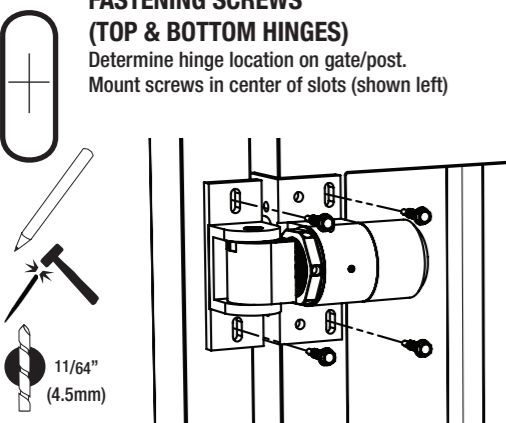
**WHEN WELDING...**  
Model: 74108335T

Before welding remove hinge from mounting brackets to avoid damage. Use general field welding operations with suitable heat transfer controls.

See CAUTION advice below right.

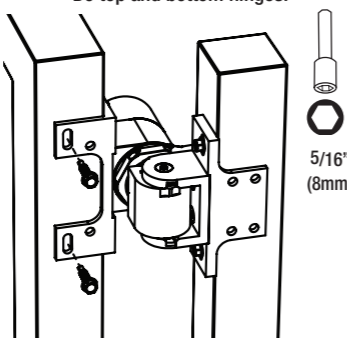
**4 FASTENING SCREWS (TOP & BOTTOM HINGES)**

Determine hinge location on gate/post. Mount screws in center of slots (shown left)

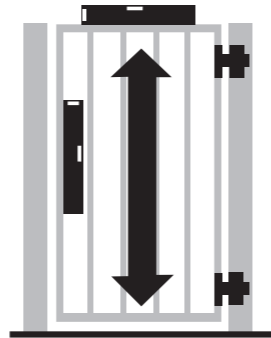


**5 SCREWS IN SLOTS**

Other side: Open gate and mount two screws in center of SLOTS. Do top and bottom hinges.

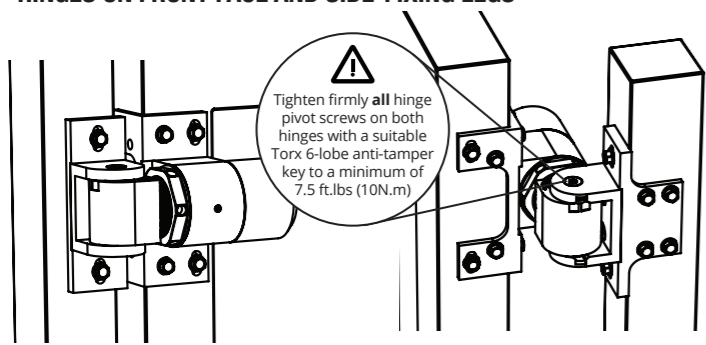


**6 DETERMINE CORRECT VERTICAL ALIGNMENT AND FASTEN SCREWS FIRMLY**



**7 INSTALL REST OF SCREWS IN TOP AND BOTTOM HINGES ON FRONT FACE AND SIDE-FIXING LEGS**

Tighten firmly all hinge pivot screws on both hinges with a suitable Torx 6-lobe anti-tamper key to a minimum of 7.5 ft.lbs (10N.m)



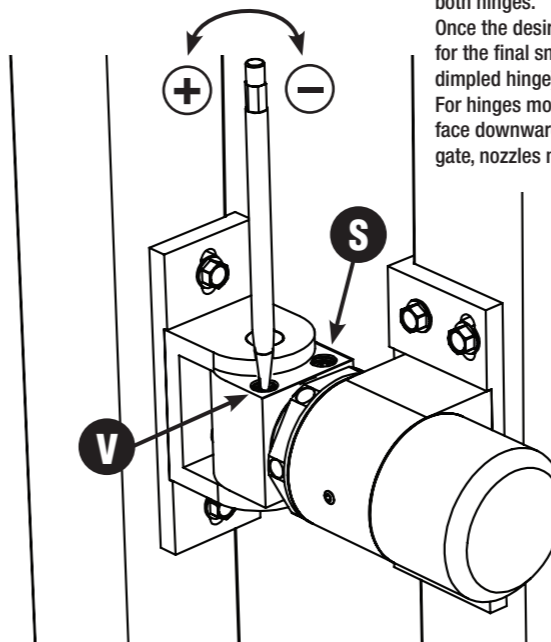
**8 HORIZONTAL HINGE ADJUSTMENT**

Use Support Blocks  
Use supplied Adjustment Tool, or wrench, to adjust horizontally. Adjust top and bottom hinges.



**9 ADJUSTING THE CLOSING SPEED AND FINAL SNAP-CLOSE ACTION**

First, close both nozzles on both hinges. (See notes at right.) Adjust the closing speed using the nozzle marked "V" on both hinges. Once the desired speed is reached, adjust the nozzle "S" for the final snap-close action of the hinge 90°-0° (single-dimpled hinge). For hinges mounted to the left side of the gate, nozzles must face downwards. For hinges mounted to the right side of the gate, nozzles must face upwards.

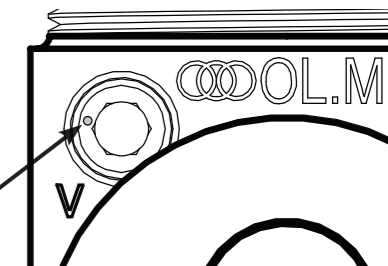


**CAUTION**  
DO NOT remove adjustment nozzles or disassemble hinge at any time. Doing so voids warranty.

**IMPORTANT:**  
Use dimple to determine how far nozzle has turned.

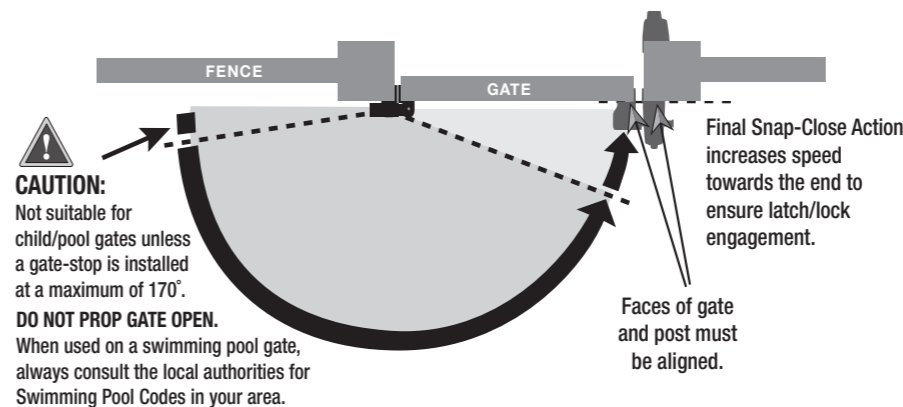
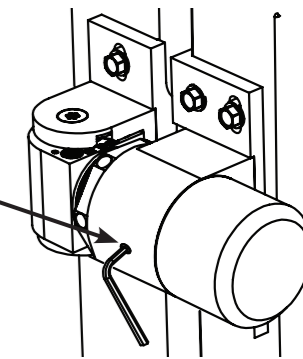
**CAUTION**  
Sensitive adjustment; rotate **MAXIMUM 1/4** turn at a time.

**V = Closing Speed**  
**S = Final Snap-Close Action**  
Turn nozzles clockwise to decrease closing speed, and counter-clockwise to increase speed. Each hinge-closer must have equal closing speed at all times.



**10 TIGHTEN GRUB SCREW**

Use hex key supplied to firmly tighten grub screw to lock horizontal adjustment setting in place.



**CAUTION:**  
Not suitable for child/pool gates unless a gate-stop is installed at a maximum of 170°.

**DO NOT PROP GATE OPEN.**  
When used on a swimming pool gate, always consult the local authorities for Swimming Pool Codes in your area.

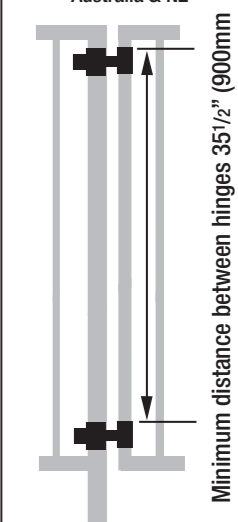
**MAINTENANCE REQUIREMENTS:**

- Never use more than two (2) SureClose hinge/closers on any one gate.
- Remove all other types of hinges and self-closing devices.
- Always install double-dimpled hinge at top of gate and single-dimpled hinge at bottom.
- Ensure the gate does not swing through the line of the fence. Use a latch (with striker) or "gate stop" to prevent this.
- If welding mounting brackets (gate and post) be sure to apply a finish with the appropriate corrosion protection.
- DO NOT powdercoat the hinge/closer – but they may be painted.
- DO NOT turn the adjustment nozzles more than two (2) full rotations.
- DO NOT unscrew nozzle past the surface of the body.
- DO NOT remove the adjustment nozzles or disassemble these hinges at any time. Doing so voids warranty.
- Ensure the hinges are kept free of sand, ice and other debris that could impair effective operation.
- ⚠ Tighten firmly all hinge pivot screws on both hinges with a suitable Torx 6-lobe anti-tamper key (T30/T40) to a minimum of 7.5 ft.lbs (10N.m).
- ⚠ Tighten firmly the locking (grub) screw on the hinge barrel.



**CAUTION:** To avoid damage, remove hinge from mounting brackets before welding. Overheating SureClose hinges during welding may cause failure and will void warranty. Clean up welded area and finish with appropriate corrosion protection, while avoiding thread contamination.

Swimming Pool Gates Australia & NZ



Minimum distance between hinges 35 1/2" (900mm)

\* CAUTION: When using hinges on swimming pool gates, always consult local authorities for swimming pool Code/Standard requirements.