ALVARADO

Alvarado Manufacturing Company, Inc.
12660 Colony Street, Chino, CA 91710
(909) 591–8431 / (800) 423–4143 / FAX: (909) 628–1403
http://www.alvaradomfg.com/

PID3037R1-0, Gates
Product Installation Document

Gate Installation & Maintenance Instructions

Precautions:

Read this installation guide in it entirety before installing the gates. If there are any questions, call Alvarado at (909) 591–8431 or (800) 423–4143, Monday through Friday, 6:00 AM to 4:30 PM PST. Installers & Store Personnel must provide this document to the manager or person responsible for the maintenance of the Gate(s).

WARNING

Installers & Store Personnel:

- ❑ The product is designed for indoor use only.
- ❑ Use only skilled individuals to install and service the gate.
- ❑ The gate is not a toy. Do not allow children to play on or near the gate.
- ❑ Follow a proper maintenance schedule using skilled individuals.
- ❑ Do not modify or alter the gate.
- ❑ Do not use non-Alvarado parts.
- ❑ Do not operate the gate if it has been damaged in any manner. Have the unit repaired or adjusted by a skilled service person before use.

Models Supported:

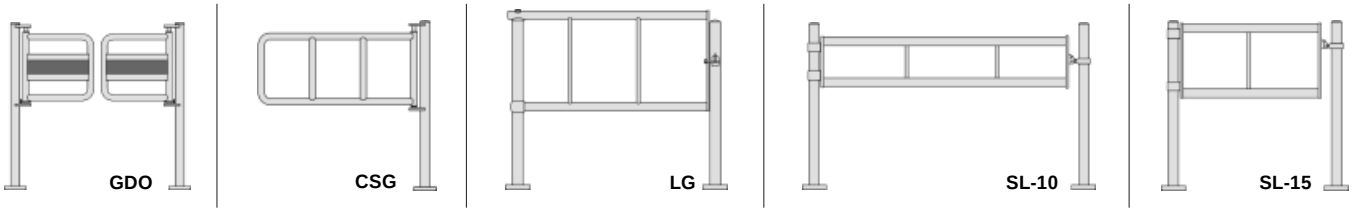
TABLE 1 – Gate Models; including a Short Product Description with Centerline Distances.

Model Number	Short Product Description	Centerline
GDO36–001	GDO – Twin Gates, 36” Opening, Bright Finish, Stainless Steel Crash Plates w/ Protective Pads	45”
GDO48–001	GDO – Twin Gates, 48” Opening, Bright Finish, Stainless Steel Crash Plates w/ Protective Pads	57”
CSG36–001	CSG – Gate with Post, 36” Opening, Bright Finish, Right Hand Swing	-
CSG36–002	CSG – Gate with Post, 36” Opening, Bright Finish, Left Hand Swing	-
LGA36–001	LGA – Reversible Latch Gate with Vogue Hinge & Latch Posts, 36” Opening, Bright Finish	39”
LGA48–001	LGA – Reversible Latch Gate with Vogue Hinge & Latch Posts, 48” Opening, Bright Finish	51”
SL10–36	SL – Sleeved Gate Arm, Bright Finish, 36” Passage Width, Includes Flip-Up U-Shaped Latch (Posts Not Included)	39”
SL10–48	SL – Sleeved Gate Arm, Bright Finish, 48” Passage Width, Includes Flip-Up U-Shaped Latch (Posts Not Included)	51”
SL15–30	SL – Sleeved Gate Arm, Bright Finish, 30” Passage Width, Includes Flip-Up U-Shaped Latch (Posts Not Included)	33”

Materials & Tools:

TABLE 2 – Gate Models with a Description of Materials Enclosed & Tools Required.

Model	Materials Enclosed	Materials Required	Tools Required
GDO	▪ (2) GDO Gates ▪ (2) Base Covers	▪ SB 14 4-Way Anchor Package	▪ Hammer Drill & Shop Vac ▪ 5/8” Concrete Drill Bits (1.0” Zenith Post) ▪ Ratchet w/ a 9/16” Socket (15/16 Zenith Post) ▪ 3/16” Allen Wrench ▪ Slotted Head Screw Driver ▪ Rubber Mallet ▪ Torque Wrench ▪ Chalk, Measuring Tape, & Level
CSG	▪ CSG Gate ▪ Base Cover	▪ SB 14 4-Way Anchor Package	
LGA	▪ LG Gate (Hinge & Latch Post) ▪ (2) Base Covers & 1 Post Cap	▪ (2) SB 14 4-Way Anchor Package	
SL	▪ SL Gate ▪ Set Rings (2), Set Screws, Fiber Washers (2), & Plastic Sleeves (2)	▪ Hinge Post Set ▪ Latch Post Set	



Installation Instructions:

1. The gate is ready for installation on level concrete assuming no modifications are made to the product. Verify the Gate Model (**TABLE 1**) and snap a chalk line on the floor in the desired location(s) of the Post(s) to determine the proper centerlines of the Post(s). A tile line may be substituted for the chalk line.

2. Mark the center of each Post's location along the centerline. Verify the distance between centerlines for each gate model by following the lengths noted in **TABLE 1 – Column 3: Centerline.** It's important that this is done accurately.

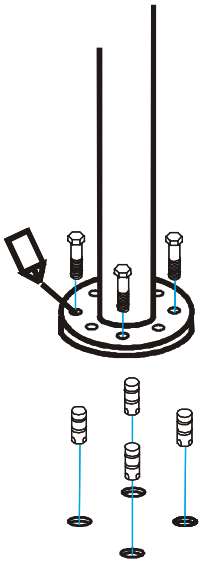
3. Place a Post on each marked position to align the center of the Post with the mark. Mark the locations of the (4) outer anchor holes. Ensure that the position of the Post and Gate Arm is in the desired location and confirm that the Gate Arm swings in the desired direction.

4. Using a hammer drill with a 5/8" drill bit, drill a minimum 3" deep hole at the center or each of the (4) marked outer anchor locations. Vacuum ALL dust and debris from each hole. If this is not done correctly, the anchors will not seat properly.

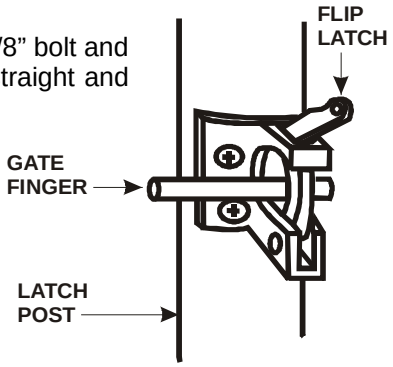
5. Place a SB Anchor, thread side down, in each hole. Make sure the top of the anchor is flush with the floor.

6. Reposition the Post and align the holes on the floor with those on the flange. Insert a 3/8" bolt and washer though the Post Flange into each of the SB Anchors. Verify that the Post is straight and level. Tighten the 3/8" bolts to 20 ft-lbs. torque.

7. Insert the Base Cover (if applicable) by first removing the screws on the cover, then wrap it around the base of the Post. Secure the cover by tightening the screws.



Post with Anchor Hole Alignment



Flip Latch Attached to Latch Post

For LG Gates ONLY / Latch Installation:
Place the Flip Latch against the Latch Post and close the Gate Arm such that the Latch closes over the Gate Finger. Mark the position of the Latch, remove the Latch, and drill small pilot holes. Attach the flip Latch to the Latch Post using the included mounting screws. Gently insert a Post Cap on top of the Latch Post using a rubber mallet.

For SL Gates ONLY / Quick SL Installation:
Slide a Set Ring over the Hinge Post and secure the (2) setscrews with the Allen Wrench at the desired height. Slide a Fiber Washer on top of the Set Ring. Now, attach the Flip Latch by aligning the hole in the latch with the hole on the other end of the gate and slide the bolt and secure with the nut included with the latch. Insert a Plastic Sleeve in each hinge on the gate and slide the Gate Arm onto the Hinge Post, ensuring that the latch folds upwards. Slide a Fiber Washer onto the Hinge Post. Slide a Set Ring over the Hinge Post and use (2) setscrews to secure it such that it holds the Gate Arm tightly.

MAINTENANCE

Clean gates with the correct type of cleaner for it's finish. Follow the instructions below depending on the finish:

Chrome:
Use a general all-purpose cleaner with a soft cloth.

Stainless Steel:
Use a Stainless Steel polish or cleaner. If a heavy scratch or mark is apparent, use a metal blend or finish pad.

Powder Coat:
Use a soft damp cloth. Any deep scratches or chips should be touched up to prevent rust.
(*If rust is untreated, rush will spread under the surface of the material.*)

Replace any sharp, bent, or broken pieces IMMEDIATELY. Tighten any loose anchors.

WARRANTY

Alvarado Manufacturing Company warrants the equipment being sold against defects in material and workmanship, for the period of one (1) year from the date of purchase, providing recommended installation and maintenance procedures are followed. This warranty is void if damage was due to improper installation, maintenance, or use. The manufacturer will not be responsible for any shipping or labor charges incurred in the removal or replacement of defective parts.