


Linear OSCO GSLG-A-423 Slide Gate Operator



# Linear OSCO GSLG-A-423 Slide Gate Operator Instruction Manual

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**Linear**®

Linear OSCO GSLG-A-423 Slide Gate Operator



## Product Information

### Specifications

- Mounts bolted to posts secured in concrete footings
- Gate must have fabric cover with openings no larger than 2-1/4 inches
- Use two 3 – 3-1/2 OD galvanized posts for mounting
- Designed for gates used for vehicles
- Requires separate pedestrian access opening

### Product Usage Instructions

#### Mounting Pad Installation

The gate operator mounts bolted to posts secured in concrete footings. Ensure posts support the operator to prevent movement during operation. Refer to Linear drawing #2700-360 for optional pad mounting instructions.

#### Gate Preparation

Before installation, ensure the gate rolls or slides freely and that exposed rollers are covered. The gate must be covered with fabric meeting specified requirements. Mesh is optional for picket-style gates with certain spacing.

#### Mounting Specifications

Use two 3 – 3-1/2 OD galvanized posts and secure with concrete footings as per guidelines. Attach the operator using provided hardware. Ensure correct placement of side plates as per illustration.

#### Drive Chain and Gate Brackets Assembly

Refer to Page 4 for assembling the drive chain and gate brackets. Maintain proper chain sag and ensure it does not come into contact with moving parts of the gate or ground.

#### Warnings

Ensure separate pedestrian access opening is provided. Gate must be installed with sufficient clearance from adjacent structures to reduce risk of entrapment.

## FAQ

- **Q: Can the gate operator be used for pedestrian gates?**

A: No, the operator is intended for installation only on gates used for vehicles. Pedestrians must have a separate access opening.

- **Q: How should I ensure safety during installation?**

A: Follow all mounting specifications, ensure proper gate preparation, and maintain clearances as per warnings provided in the manual.

## Mounting Pad Installation

The gate operator mounts bolted to posts secured in concrete footings. The posts support the operator and prevent it from moving during operation. For optional pad mounting instructions, see Linear drawing #2700-360.

### Gate Preparation

Before installing, make sure the gate rolls or slides freely, and that all exposed rollers are properly covered. The gate must be covered with fabric with openings no larger than 2-1/4" in size, to a minimum height of 72" above ground level. On picket-style gates, if pickets are spaced less than 2-1/4" apart, mesh is optional.

## Mounting Specifications

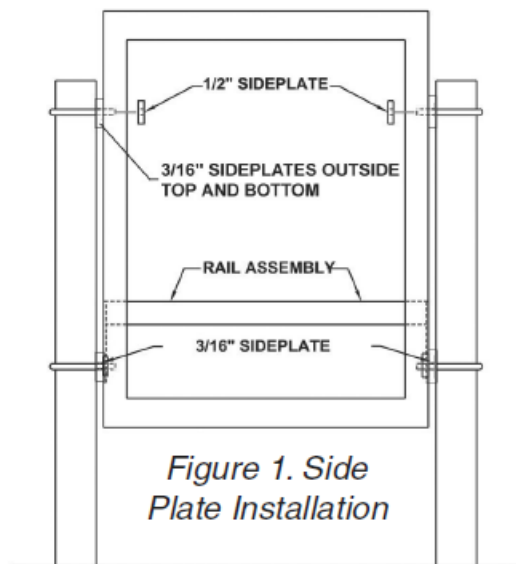
- Use two 3 – 3-1/2" OD galvanized posts and secure with concrete footings as shown, length to be determined by local codes, frost line depth and soil conditions.
- Attach the operator with the U-bolts, side plates and hardware provided. Four 3/16" side plates go on the outside top and bottom, two 1/2" side plates go on the inside top, and two 3/16" side plates go on the inside bottom (see the illustration at right).
- To assemble the drive chain and gate brackets, refer to Page 4. Make sure that the chain sag does not exceed recommended sizes and that the chain does not come into contact with the moving parts of the gate or ground.

### WARNING

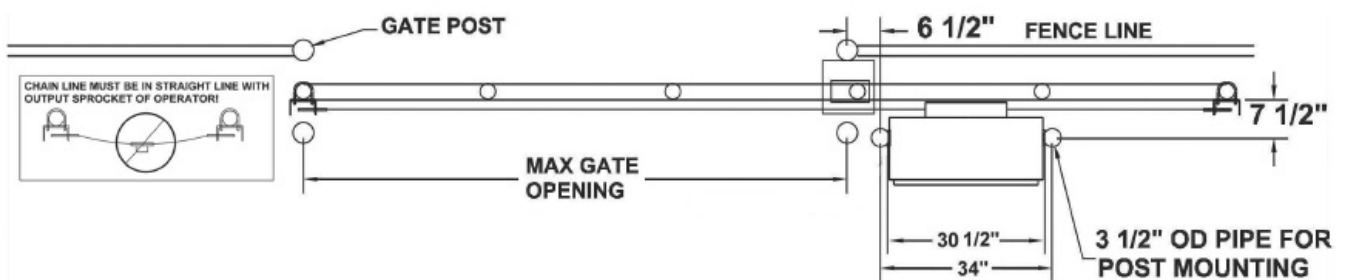
The operator is intended for installation only on gates used for vehicles. Pedestrians must be supplied with a separate access opening. The pedestrian access opening shall be designed to promote pedestrian usage. Locate the gate such that persons will not come into contact with the vehicular gate during the entire path of travel of the vehicular gate.

### WARNING

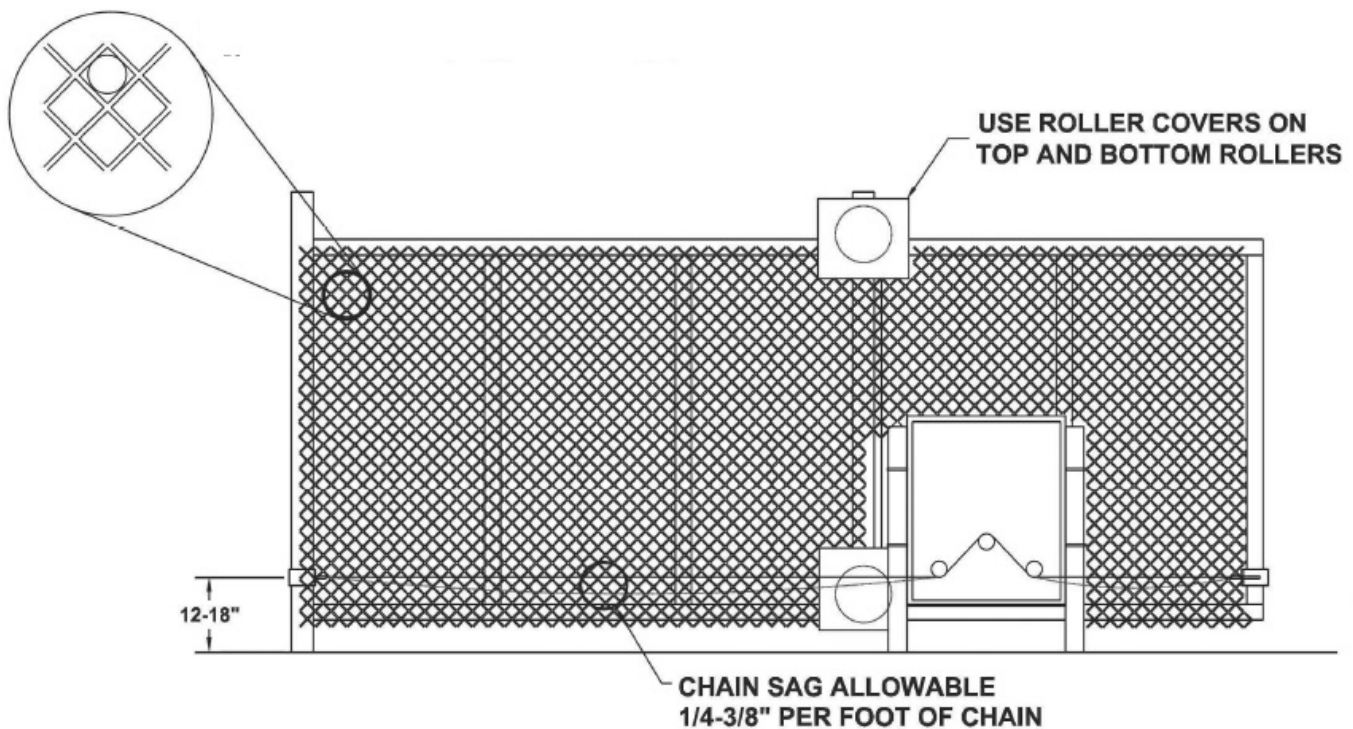
The gate must be installed in a location so that enough clearance is supplied between the gate and adjacent structures when opening and closing to reduce the risk of entrapment.



*Figure 1. Side Plate Installation*



COVER GATE WITH FABRIC WITH OPENINGS SMALLER THAN 2 1/4" TO A MINIMUM HEIGHT OF 72" ABOVE GROUND. ON PICKET STYLE GATES, IF PICKETS ARE SPACED LESS THAN 2 1/4" APART MESH IS OPTIONAL.

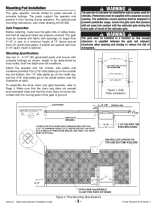


*Figure 2. Post Mounting Specifications*

## GSLG-A Slide Gate Operator Installation Guide

P1222 Revision X5 6-22-2011

## Documents / Resources



## [Linear OSCO GSLG-A-423 Slide Gate Operator](#) [pdf] Instruction Manual GSLG-A-423 Slide Gate Operator, GSLG-A-423, Slide Gate Operator, Gate Operator, Operator

## References

- [User Manual](#)

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