This kit is designed for the 1600 model barrier gate operators. Recommended for the 1603 auto spike system. The traffic signal is synchronized with the gate operator's up/down cycle. The red light stays on and only changes to green when the operator's arm is fully raised.

Kit Includes:
- Plastic Traffic Light Assembly (Factory wired)
- 2" Threaded Support Post
- Support Post Bracket
- Bracket Cover.

Hardware:
- 3/4" Conduit Nipple and Conduit Nut
- U-Bolt Clamp with lockwashers and nuts (2 sets)
- 5/8" Cover Bracket bolt and lockwasher (2 sets)
- 2" Conduit Nut (3)
- 2" Threaded Elbow

Installation

⚠️ Shut off AC power to operator.
⚠️ Turn off DC power switch on certain models.

1 Assemble Support Post

Route wire through support post.

Use 2" conduit nuts to secure traffic light assembly to support post.

2 Mount Support Post Assembly to Operator

Drill 7/8" hole centered where elbow touches operator housing (approximately 18" down from the top of operator). Secure 3/4" conduit nipple in drilled hole with conduit nut.

Use existing circuit board bracket bolts to mount support post bracket.

Route wire through conduit.

2" conduit nut to secure elbow.

2" Elbow

Traffic Light Assembly

2" Threaded Support Post

Support Post Bracket

Bracket Cover

DOORKING
120 S. Glasgow Avenue
Inglewood, California 90301 U.S.A.
### Wire Traffic Light to Operator

Note: This light has been designed to wire to operators that use 115 volt power and a FORM C dry relay contact that activates when the operator is fully open.

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**3/4" Conduit nipple installed in operator housing.**

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**DANGER**

HIGH VOLTAGE!

(Ground) Green Wire
(Neutral) White Wire
(Hot) Black Wire

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Keep wire clear of all moving parts.

See installation on previous page