**QUICKSTART “BASIC” GUIDELINES FOR MODEL 6002 - FOR A GATE UP TO 14 FEET, 500LBS AND “OPENING TO THE INSIDE”**

**Installation**

**Arm in Closed Position**
- Gate Hinge Pivot Point
- Rear Bracket Pivot Point

**Front Bracket Pivot Point**
- 46 1/4” Closed Position

**Rear Bracket Pivot Point**
- 2 3/4” Front Bracket

**Remove Actuator Cover**
- (Actuator Cover Off)
- (Actuator Cover On)

**Arm in “Open to the Inside” Position**
- Cover holes with aluminum tape on top ONLY.

**Clevis Pins**
- Front clevis pin MUST fit into countersunk hole to allow retaining ring to be installed.

**Control Box**
- Front clevis pin
- Rear Retaining Ring
- momentarily mount a control box near the actuator arm with appropriate hardware (not included).

**Limit Sensors Adjustment**
- Circuit board power MUST be ON to adjust limit sensors. LEDs will light.
- Successfully move the gate to the desired open or closed position.
- Loosen the limit nuts and slowly slide the limit assemblies until the LIMIT LEDs on the circuit board light up.

**DO NOT** cycle operator before limit sensors and DIP switches have been adjusted, damage could occur to gate and operator.

**Prevent Powered Shaft from Bottoming Out**
- Manually release the arm and fully extend the powered shaft. Rotate it back two full turns before installing the arm.

**Manual Release**
- Powered shaft rotated back 2 turns.

**Opening Direction DIP-Switch 1 (SW 1)**
- Refer to YOUR chosen 115 VAC OR Solar powered control box manuals for complete DIP-switch settings.

**Wiring to Circuit Board**
- Brown wire
- Blue wire
- Orange wire
- Red wire
- Yellow wire
- Green wire
- Green/Yellow wire NOT USED

**Limit Sensors**
- SW 1
- ON setting. Opens clockwise.
- OFF setting. Opens counter-clockwise.

**Photo Sensors**
- Note: Refer to YOUR chosen 115 VAC OR Solar powered control box manual to wire entrapment protection devices.

**Exterior Entrapment Protection Devices**
- All potential entrapment areas MUST be protected with an external entrapment protection device.
- At least one external entrapment protection device MUST be installed or the operator will NOT function.

**Note:**
- This product is to be installed and serviced by a trained gate systems technician only.
- Visit [www.dkslocator.com](http://www.dkslocator.com) to find a professional installing and servicing dealer in your area.

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### Wiring to Circuit Board

- 7-Wire Operator Actuator Cable
- Single operator connects to PRIMARY connection ONLY on the 115 VAC OR Solar control box circuit board.

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**External Entrapment Protection Devices**
- Potential Entrapment Area
- Reversing Edge is mounted along ENTIRE length of the gate.

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**Limit Sensors**
- Limit
- Slow Down

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**Photo Sensor**
- Sensor mounted just below actuator arm cable.

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115 VAC or Solar Power Input 500VX

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### Manual Release
- Powered Shaft
- Fully Extended (Bottomed Out)
- Manually release with allen wrench.

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**Power Conduit Loops**
- Securely mount a control box near the actuator arm with appropriate hardware (not included).

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**Power Conduit**
- Manual Release
- Manually move the gate to the desired open or closed position. Loosen the limit nuts and slowly slide the limit assemblies until the LIMIT LEDs on the circuit board light up.

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**Weld front and rear brackets in positions shown. Tip:** Cover the actuator arm to protect it from welding sparks before doing any welding.

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**The 6002 is intended for installation only on swing gates used for vehicles. Pedestrians must be supplied with a separate access opening. For safety and installation instructions, please refer to 6002 Actuator Arm and Control Box Mounting manual, 115 VAC or Solar Control Box Wiring/Owner’s manuals.**