1601-270

1601 MANUAL RELEASE KIT This kit is designed for the 1601 barrier gate operator WITH or WITHOUT the convenience open option. It provides an interlock power cut-off switch when manually using crank tool to move the arm up or down. Your Barrier Operator Setup: **Kit Includes:** Interlock assembly. Page: AC Power ONLY Double motor pulley, Crank tool, AC Power & Break-Away Arm. 2 SHUT OFF ALL power to 2 spring clips with lock nuts. Convenience Open & Break-Away Arm. 3 the operator. Convenience Open ONLY **Installation** Interlock Cut-Off Use existing Wire restrainers Switch Interlock (Black wires) Keep wires clear. Assembly need willing barts Replace existing single motor pulley with double motor pulley. Align motor pulley with gear reducer pulley. Convenience Open **Cut-Off Switch** Mount interlock (Yellow & Orange wires) assembly using Crank Tool existing hardware. Mount spring clips with lock nuts on existing threaded studs inside access door. Spring **Note:** To manually operate. **AC Power ONLY Barrier Operator** see page 4. **A DANGER** 9 **HIGH VOLTAGE!** wires are properly terminated and do NOT have exposed Note: Convenience open bare wires or metal connectors cut-off switch is **NOT** used. Convenience then Cut-off switch that could cause the operator **Existing Wire** to malfunction. 115 VAC SHUT OFF the AC input Power Terminal **Existing Black Wire** power to the operator from #2 Main Terminal from the circuit breaker. **AC Power** Switch New Interlock **Cut-Off** Black 115 VAC Switch Wires Convenience **Outlets**

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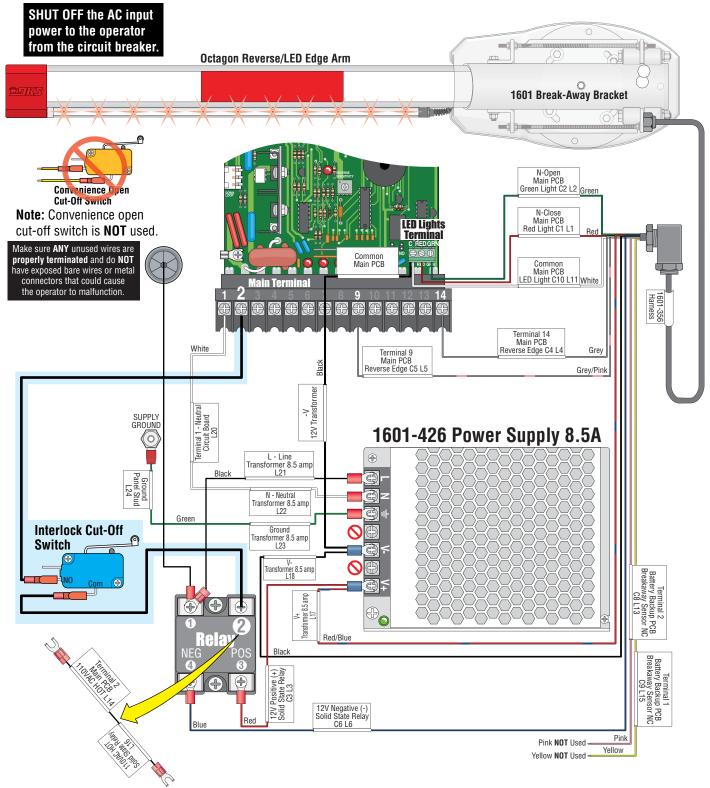
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Connect the interlock cut-off switch wires to the

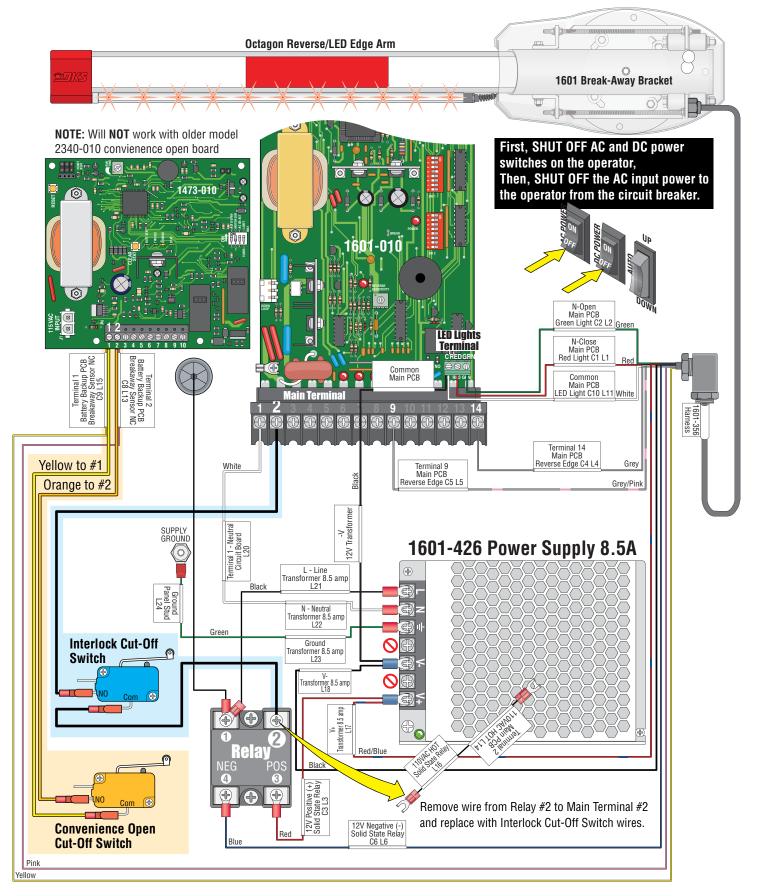
existing black wire connected from main terminal #2.

AC Power & Break-Away Arm Barrier Operator

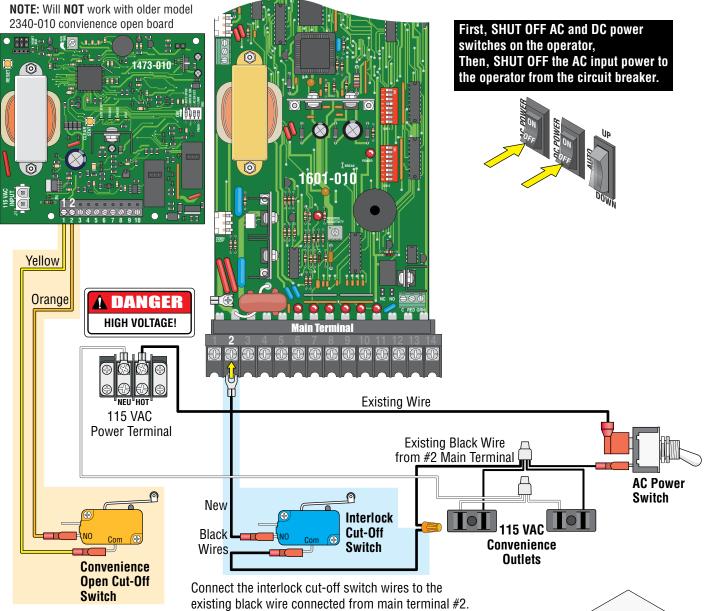


Remove wire from Relay #2 to Main Terminal #2 and replace with Interlock Cut-Off Switch wires.

Convenience Open & Break-Away Arm Barrier Operator



Convenience Open ONLY Barrier Operator



Manual Operation

- 1. Unlock and remove access door.
- 2. Remove crank tool from inside access door.
- 3. Flip interlock assembly door up, power will be disabled from operator.
- 4. Insert crank tool into motor pulley as shown.
- 5. Rotate crank tool to manually move operator arm up or down.

