

1601 MANUAL RELEASE KIT

DoorKing Part Number

1601-270

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.

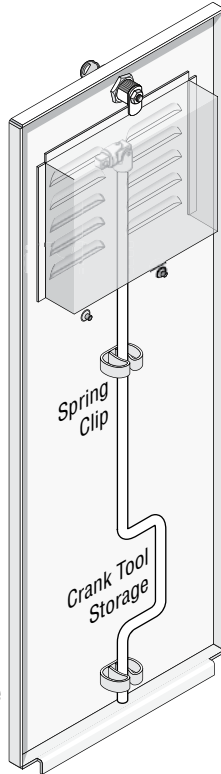
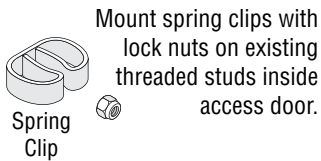
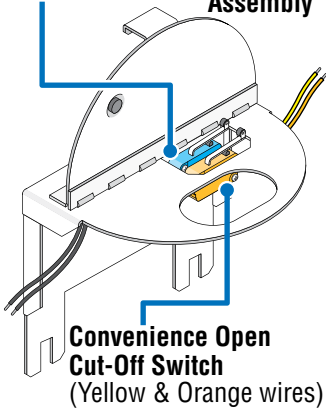
Kit Includes: Interlock assembly, Double motor pulley, Crank tool, 2 spring clips with lock nuts.

Your Barrier Operator Setup:	Page:
AC Power ONLY	1
AC Power & Break-Away Arm	2
Convenience Open & Break-Away Arm	3
Convenience Open ONLY	4

Installation

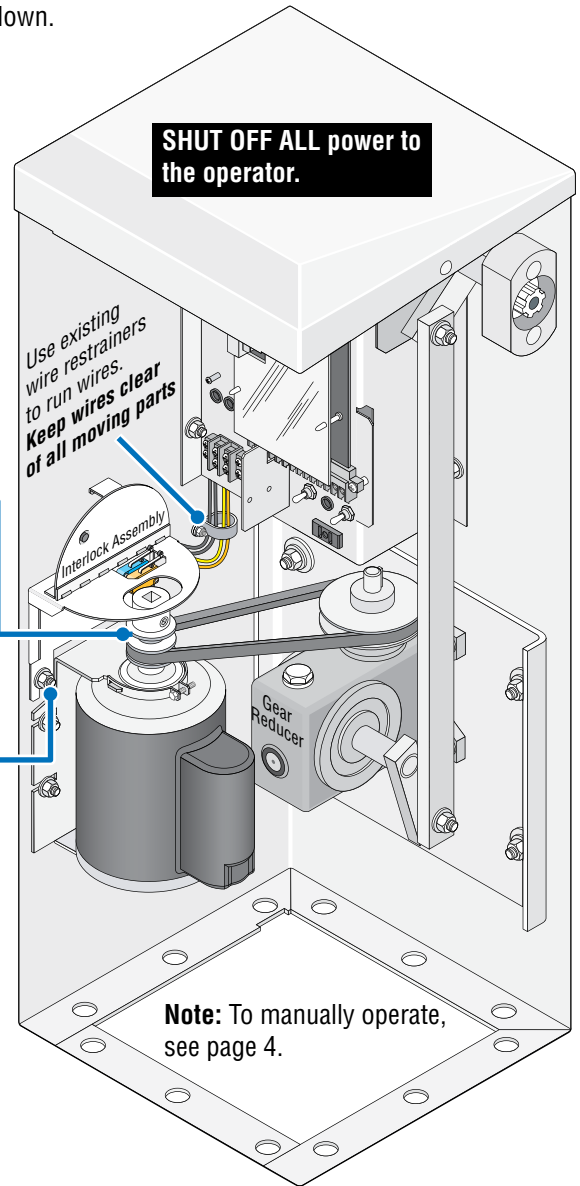
Interlock Cut-Off Switch
(Black wires)

Interlock Assembly



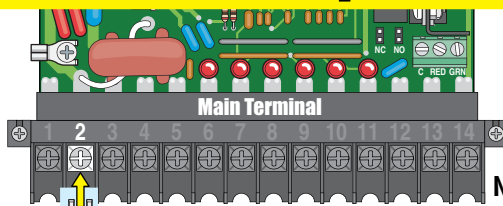
Replace existing single motor pulley with double motor pulley. Align motor pulley with gear reducer pulley.

Mount interlock assembly using existing hardware.

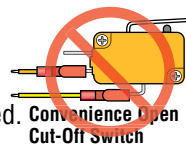


Note: To manually operate, see page 4.

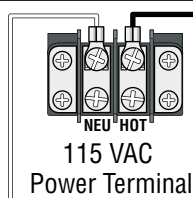
AC Power ONLY Barrier Operator



Note: Convenience open cut-off switch is **NOT** used.



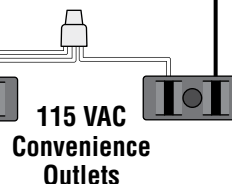
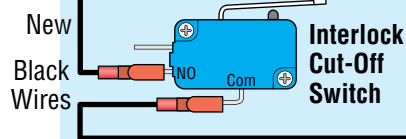
Make sure **ANY** unused wires are **properly terminated** and do **NOT** have exposed bare wires or metal connectors that could cause the operator to malfunction.



SHUT OFF the AC input power to the operator from the circuit breaker.

Existing Wire

Existing Black Wire from #2 Main Terminal



AC Power Switch

Connect the interlock cut-off switch wires to the existing black wire connected from main terminal #2.

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DOOR KING
120 S. Glasgow Avenue
Inglewood, California 90301 U.S.A.

1601-030-E-10-24

AC Power & Break-Away Arm Barrier Operator

SHUT OFF the AC input power to the operator from the circuit breaker.

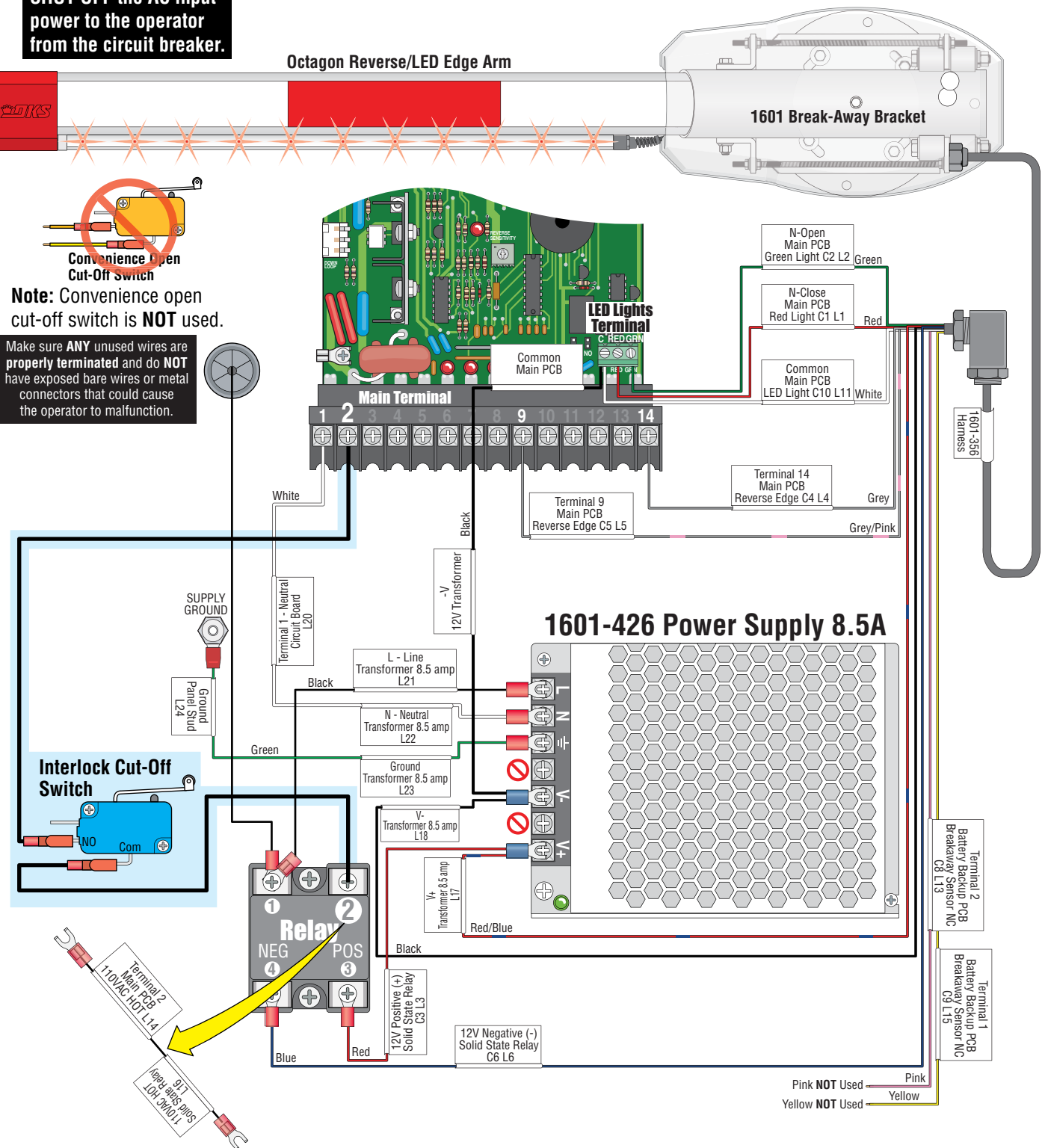
Octagon Reverse/LED Edge Arm

1601 Break-Away Bracket

**Convenience Open
Cut-Off Switch**

Note: Convenience open cut-off switch is **NOT** used.

Make sure **ANY** unused wires are **properly terminated** and do **NOT** have exposed bare wires or metal connectors that could cause the operator to malfunction.



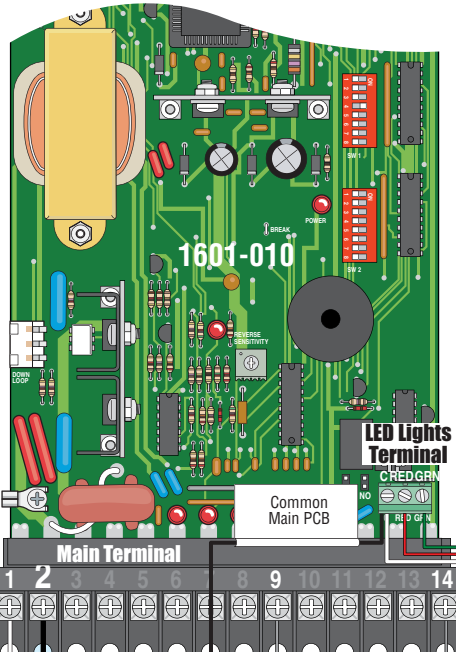
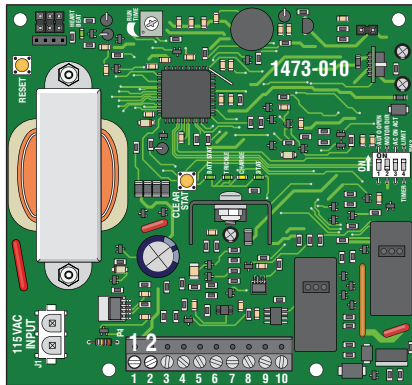
Remove wire from Relay #2 to Main Terminal #2 and replace with Interlock Cut-Off Switch wires.

Convenience Open & Break-Away Arm Barrier Operator

Octagon Reverse/LED Edge Arm

1601 Break-Away Bracket

NOTE: Will **NOT** work with older model 2340-010 convenience open board



**First, SHUT OFF AC and DC power switches on the operator,
Then, SHUT OFF the AC input power to the operator from the circuit breaker.**

