

USER GUIDE AND INSTALLATION MANUAL

ULTRATOUCH



ULTM- 15906

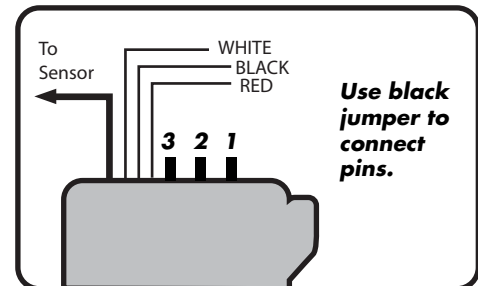
The UltraTouch™ touch-sensitive switch enables you to turn any non-metallic surface into a switch, activated by the mere touch of a finger! Perfect for creating a concealed, non-obvious switch to activate any power accessory. You can turn your side-view mirror into an easy way to pop your shaved door solenoids or create an invisible push-button start in the dash of your vehicle. The options are endless!

1. Mount the UltraTouch sensor in a clean, dry location. Make sure that the correct side is adhered to the surface that will be the touch-controlled area, or it will not work. The sensor will work on any non-metallic surface that is no more than one-eighth of an inch in thickness.
2. Connect the UltraTouch sensor to the control unit using the built-in connector wire.
3. Connect the black wire to your battery's negative terminal or a good ground.
4. Connect the red wire to a positive power source. If this source requires the key to be in the ignition to be on, you will not be able to use the UltraTouch for keyless entry or shaved door applications.
5. Connect the white wire to a relay as a negative output to perform the function of your choice. The following pages contain diagrams of many popular uses.

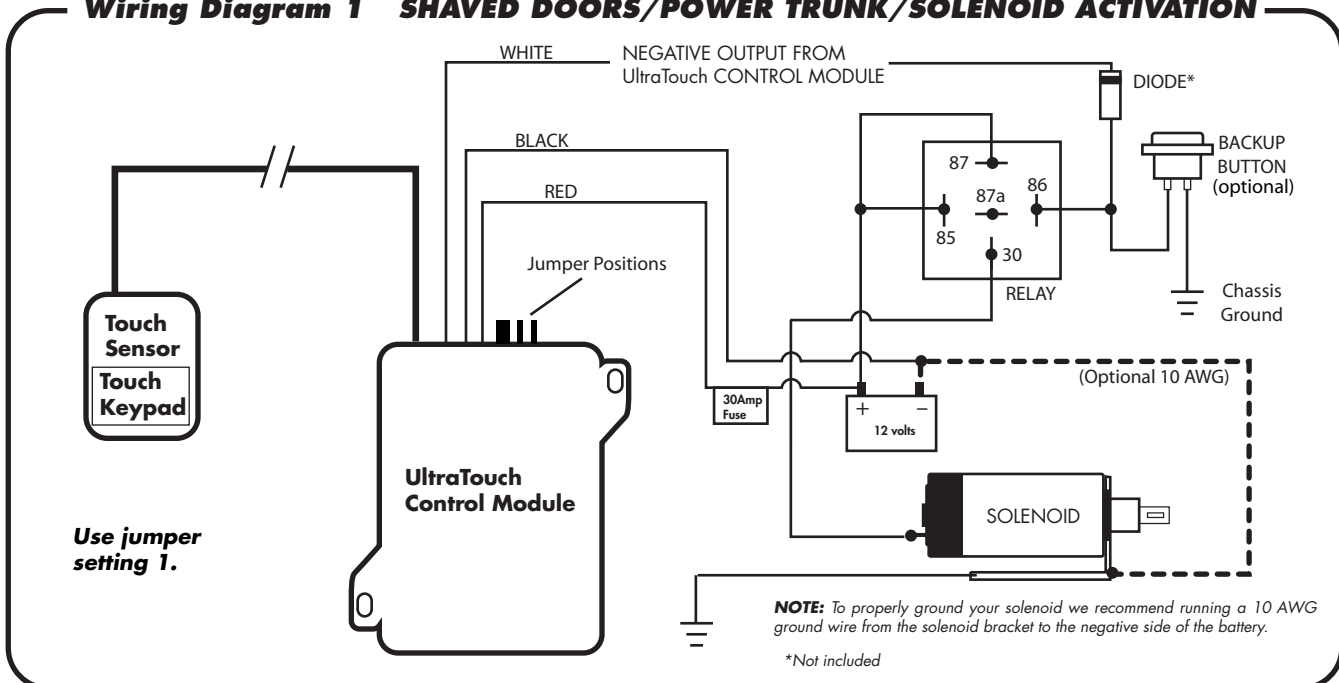
Programming

Programming the UltraTouch™ Module is as simple as connecting pins with the supplied jumper. Next to the three-wire harness location are three sets of pins. Look at the diagram to the right for jumper locations and settings.

1. (1) 1-Second pulse output
2. Latching- continuous output between touches.
3. Output pulse for touch duration.



Wiring Diagram 1 SHAVED DOORS/POWER TRUNK/SOLENOID ACTIVATION



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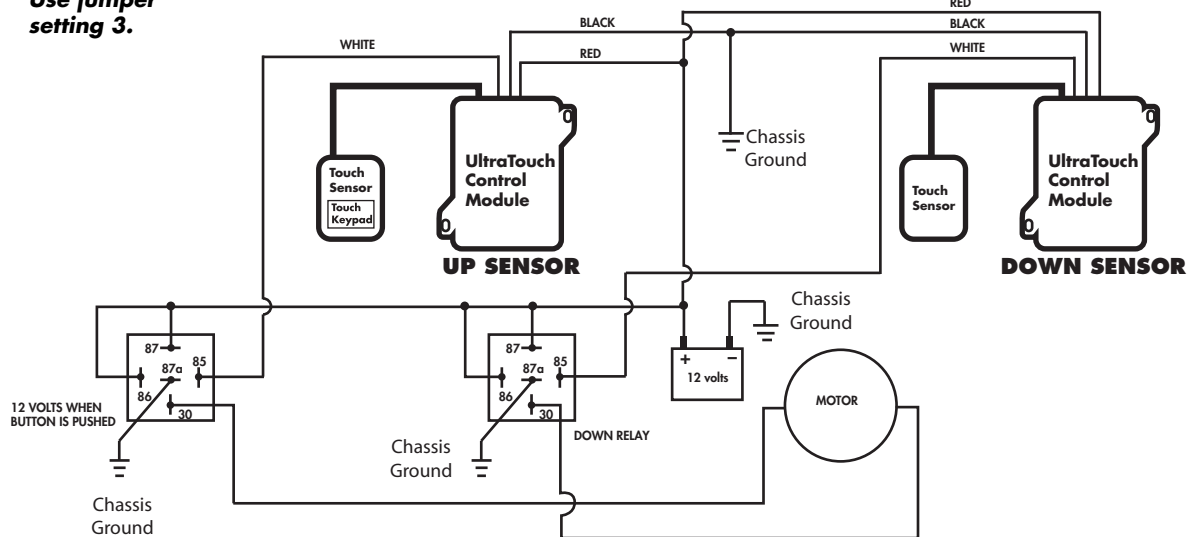


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Wiring Diagram 2

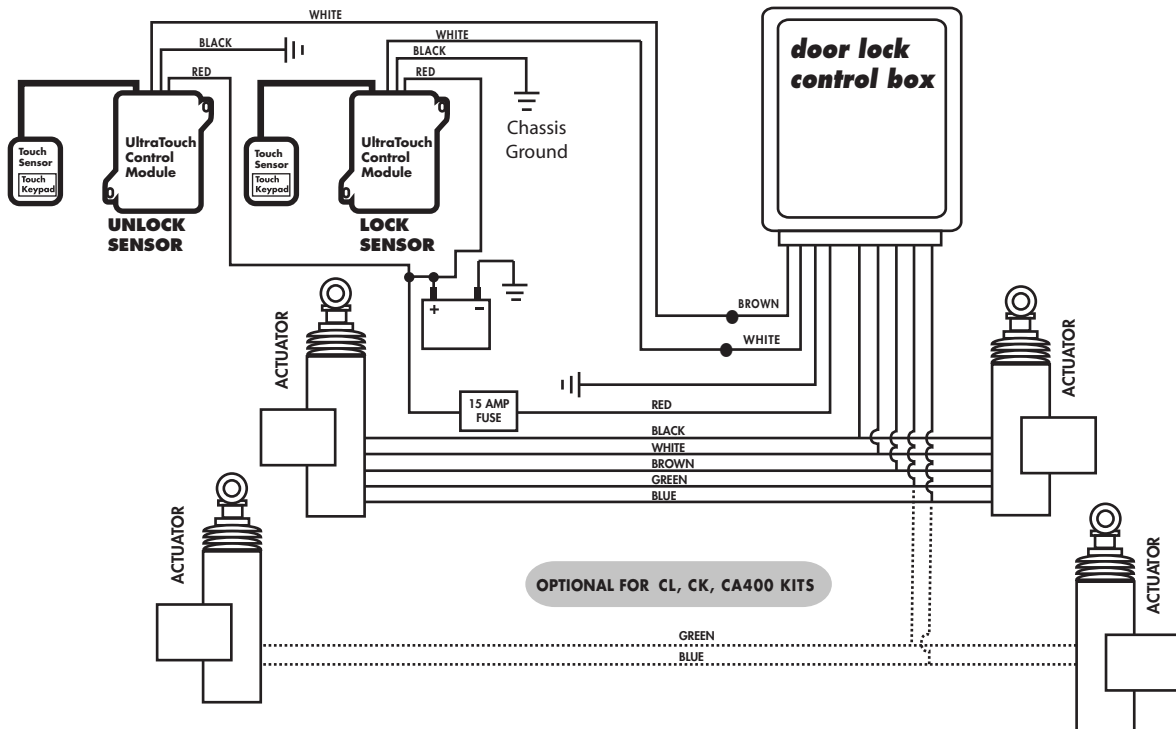
CONTROLLING MOTORS Power Windows, Sunroof, Linear Actuators, Door Locks

Use jumper setting 3.



Wiring Diagram 3

DOOR LOCKS



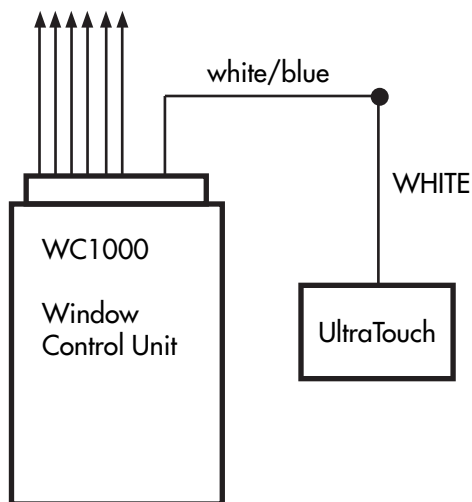
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Wiring Diagram 4

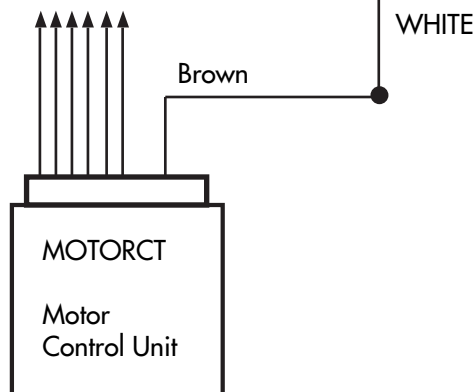
WINDOW CONTROL

Use jumper setting 1.



Wiring Diagram 5

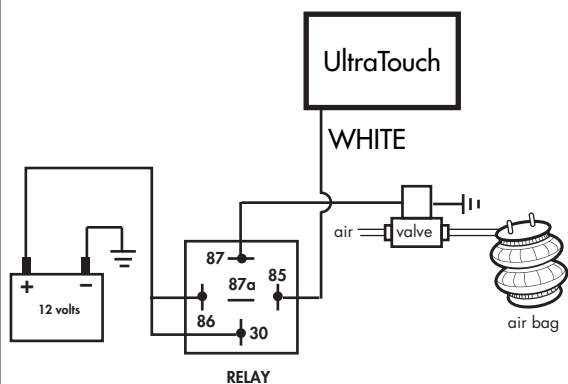
MOTOR CONTROL UNIT



Wiring Diagram 6

AIR BAGS

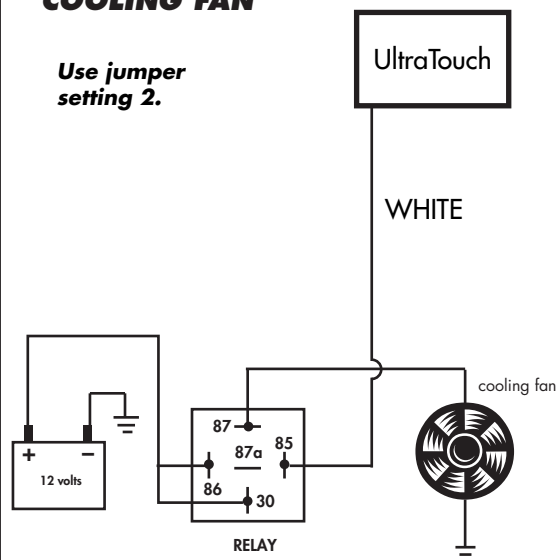
Use jumper setting 3.



Wiring Diagram 7

COOLING FAN

Use jumper setting 2.

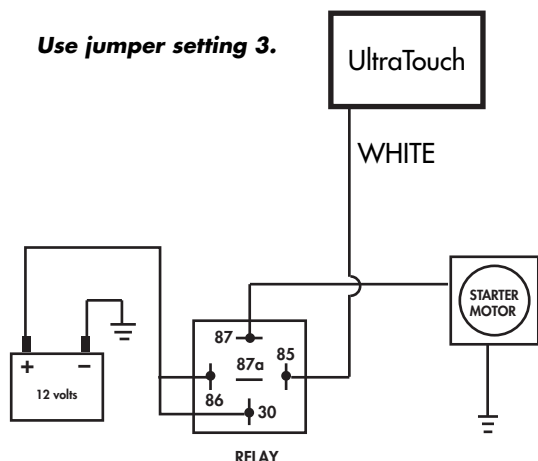


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Wiring Diagram 8

BASIC ENGINE START

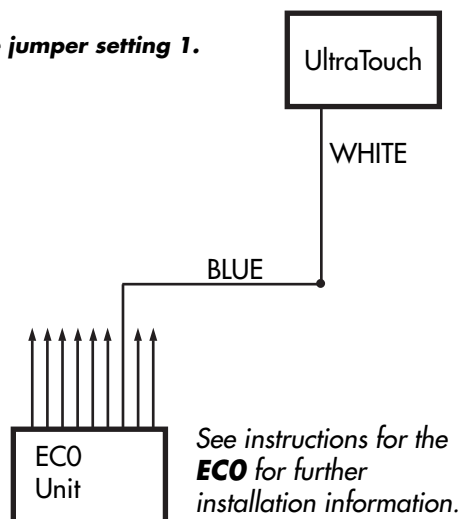
Use jumper setting 3.



Wiring Diagram 9

DELUXE ENGINE START

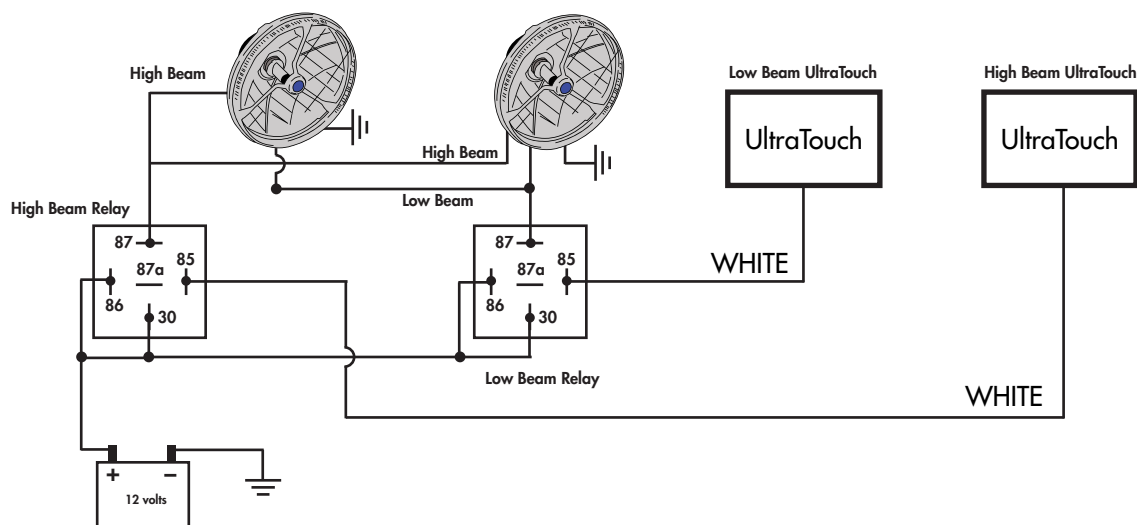
Use jumper setting 1.



Wiring Diagram 10

HEADLIGHTS

Use jumper setting 2.

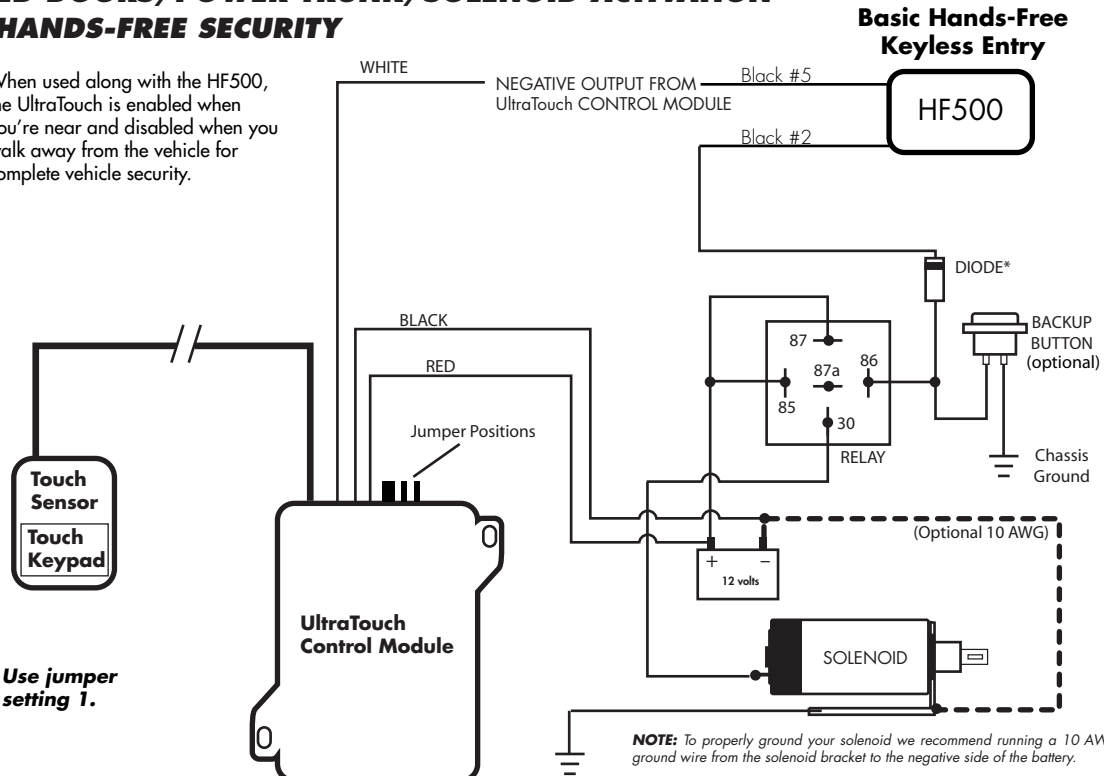


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Wiring Diagram 1 1

SHAVED DOORS/POWER TRUNK/SOLENOID ACTIVATION with HANDS-FREE SECURITY

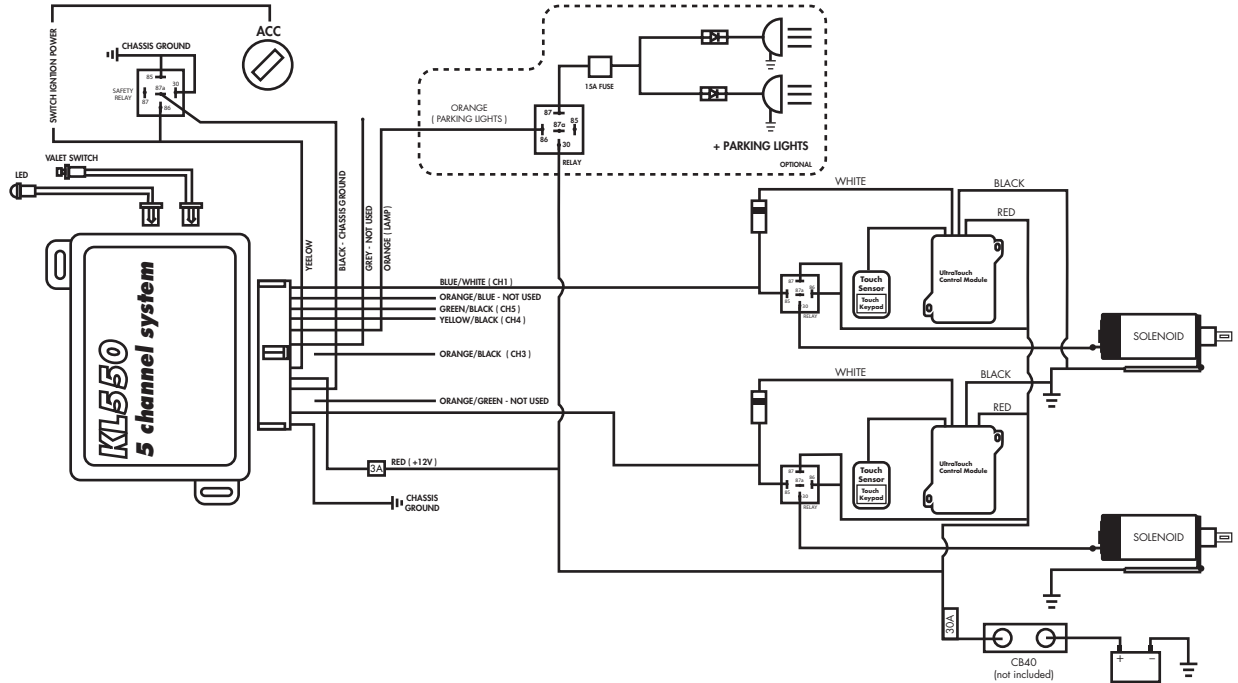
When used along with the HF500, the UltraTouch is enabled when you're near and disabled when you walk away from the vehicle for complete vehicle security.



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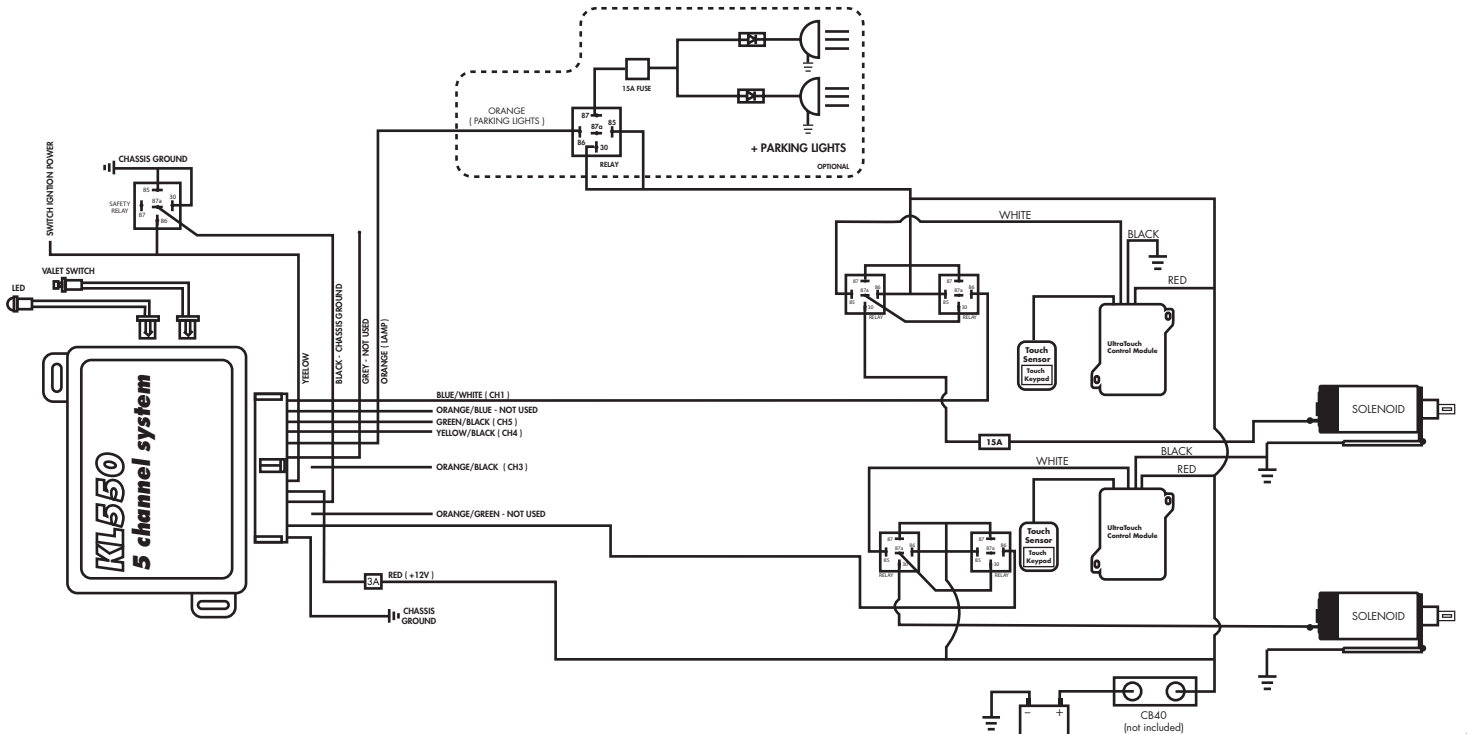
Wiring Diagram 12

KL550 + ULTRA1: ONE RELAY/SHARED TRIGGER



Wiring Diagram 13

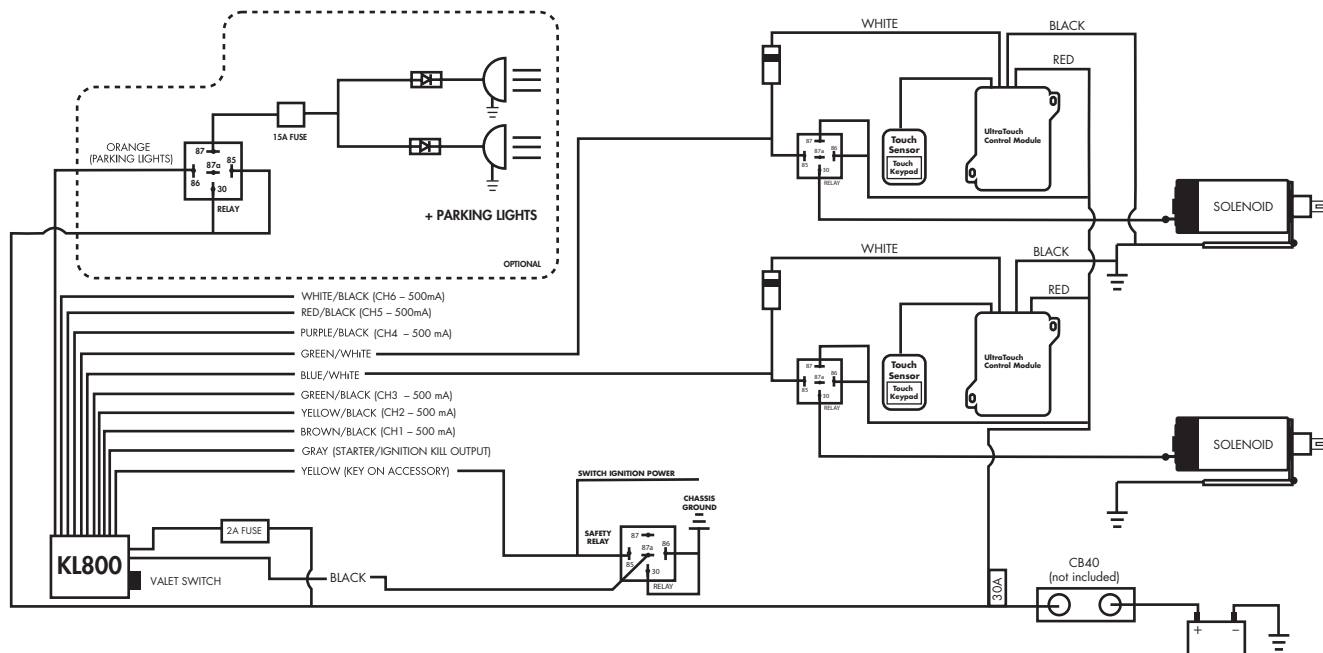
KL550 + ULTRA1: TWO RELAYS/SEPERATE TRIGGERS



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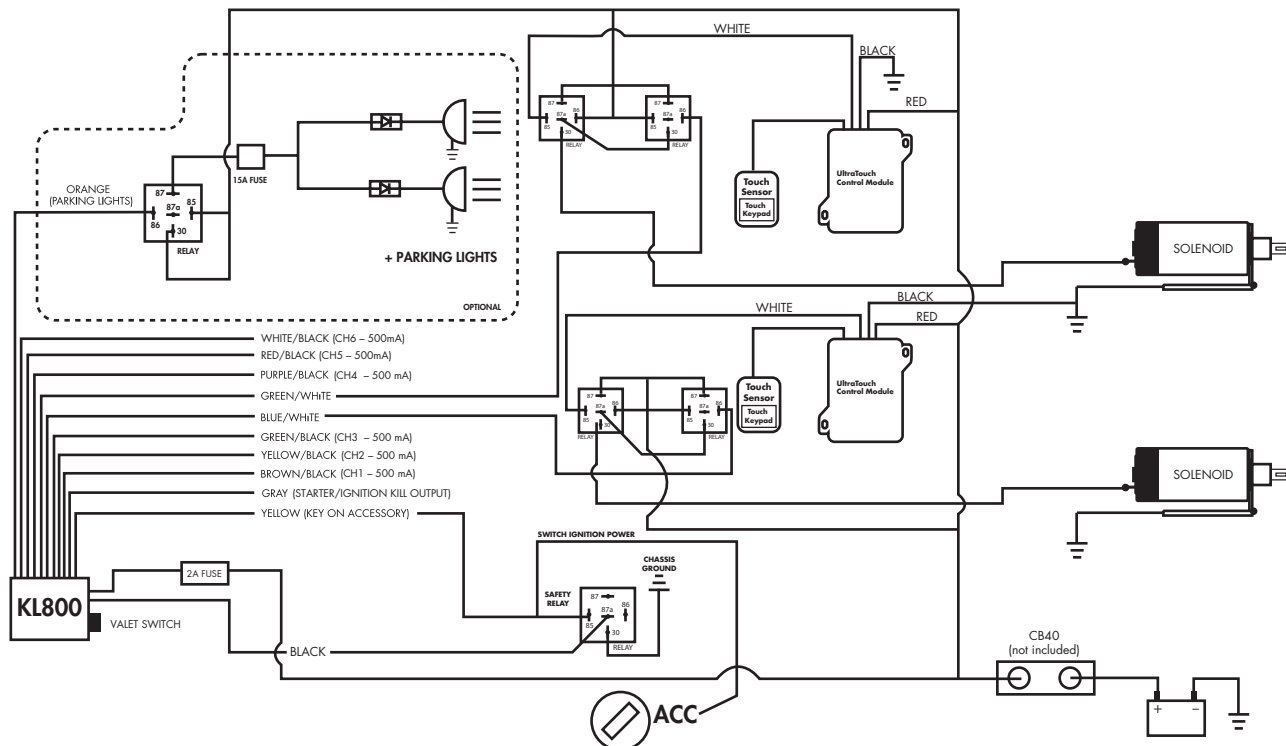
Wiring Diagram 14

KL800 + ULTRA1: ONE RELAY/SHARED TRIGGER



Wiring Diagram 15

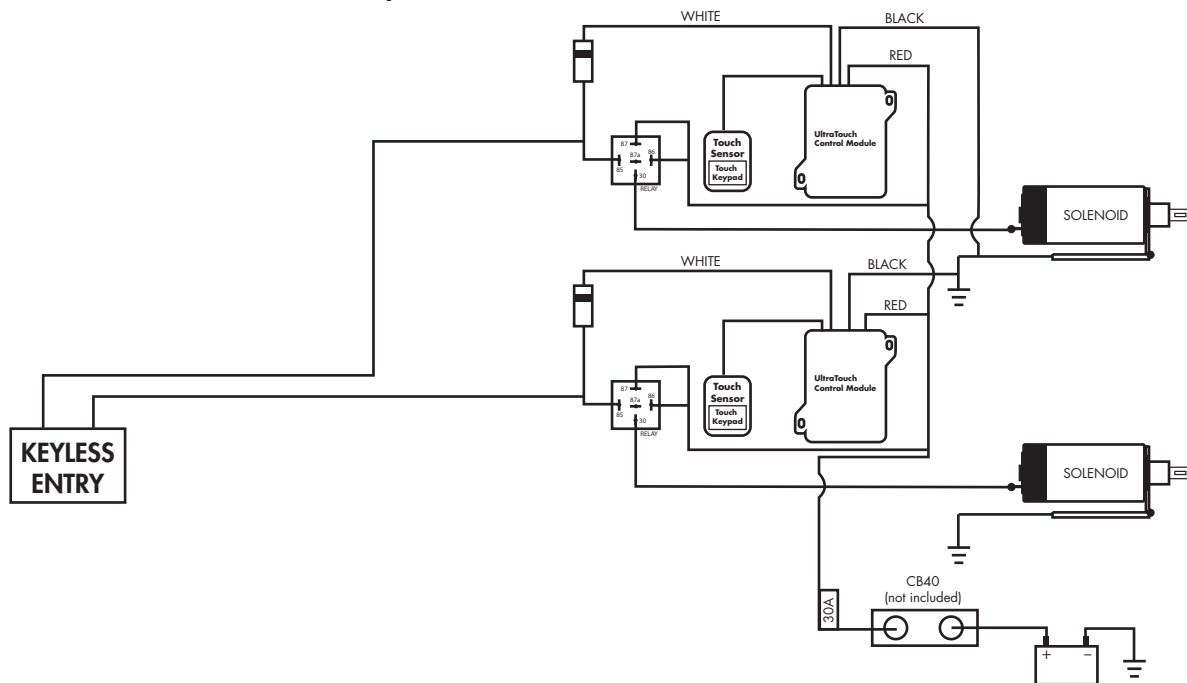
KL800 + ULTRA1: TWO RELAYS/SEPERATE TRIGGERS



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Wiring Diagram 16

KEYLESS + ULTRA1: ONE RELAY/SHARED TRIGGER



Wiring Diagram 17

KEYLESS + ULTRA 1: TWO RELAYS/SEPERATE TRIGGERS

