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remote entry system

Quick Features Overview

- Code learning remote transmitters (2)
- On-board relays for parking lights, door locks, and trunk release
- Jumper-selectable .5 / 3.5 sec. door lock pulse output
- Jumper-selectable trunk release polarity output
- 20 seconds pewer window output

Included Parts

(1) Keyless Entry module
(2) Remote transmitters
(1) Main wire harness and Installation Manual
(1) LED Indicator

Installation Points and Tips

DO NOT DISCONNECT THE MAIN BATTERY ON VEHICLES EQUIPPED WITH SRS (AIRBAG) RESTRAINT SYSTEMS, ANTI-THEFT RADIO, OR OTHER SENSITIVE ELECTRONICS TO AVOID POSSIBLE ELECTRONIC CONFLICTS
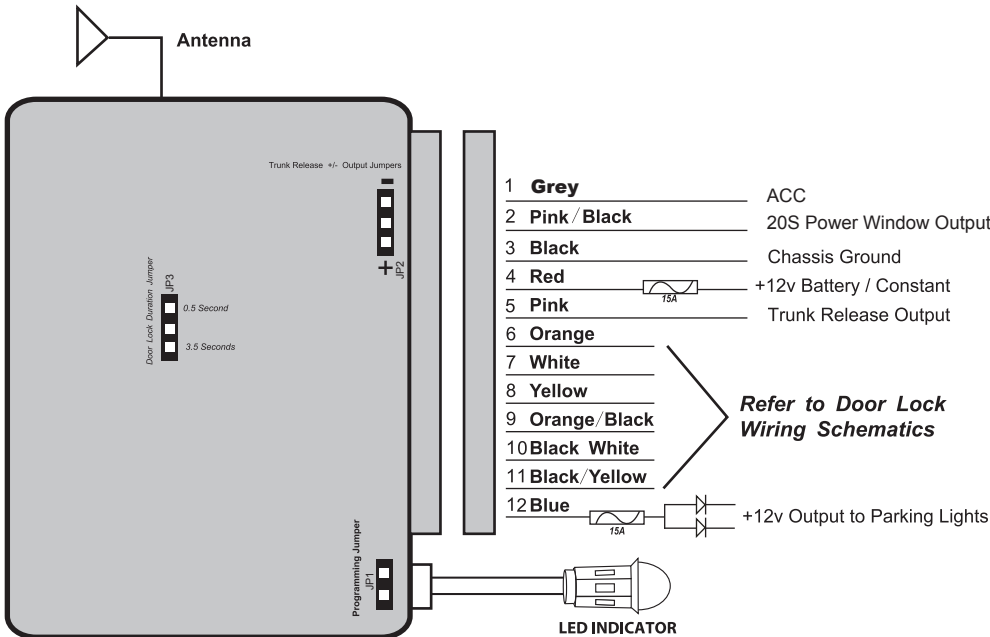
Using a digital multimeter is highly suggested when searching for circuits within the factory vehicle wiring network. This will prevent damage to vehicle electronics and/or electronic control modules.

Make certain that all wire runs stay clear of all mechanical operating components and high heat factor areas of the vehicle; use appropriate protection for any added wires near these areas.

Before Beginning the Installation

Remove the domelight fuse from the vehicle to prevent unintentional battery drainage.

Roll a window down fully to avoid getting accidentally locked out of the vehicle.
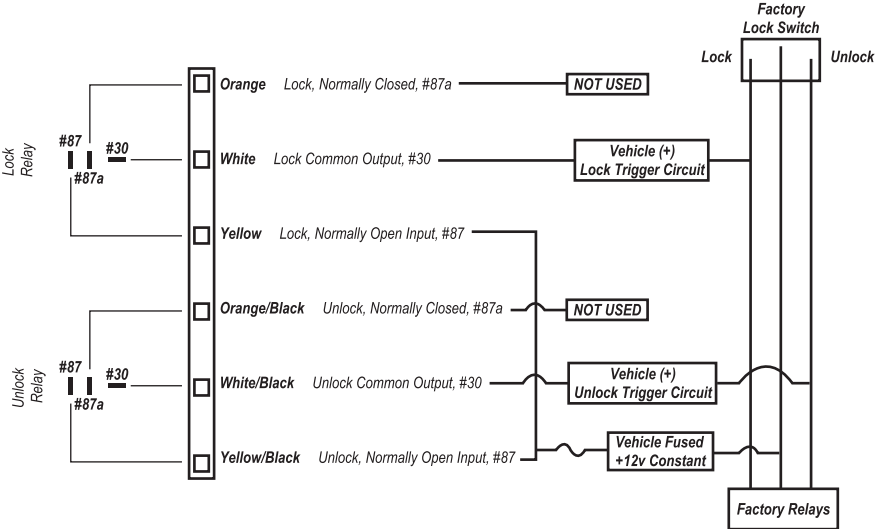
Keyless Entry System Diagram

Antenna

1 Grey — ACC
2 Pink / Black — 20S Power Window Output
3 Black — Chassis Ground
4 Red — +12v Battery / Constant
5 Pink — Trunk Release Output
6 Orange
7 White
8 Yellow
9 Orange/Black
10 Black/White
11 Black/Yellow
12 Blue — +12v Output to Parking Lights

Refer to Door Lock Wiring Schematics

LED INDICATOR

Wiring Descriptions

Refer to the Door Lock wiring diagrams for specific wiring schematics.

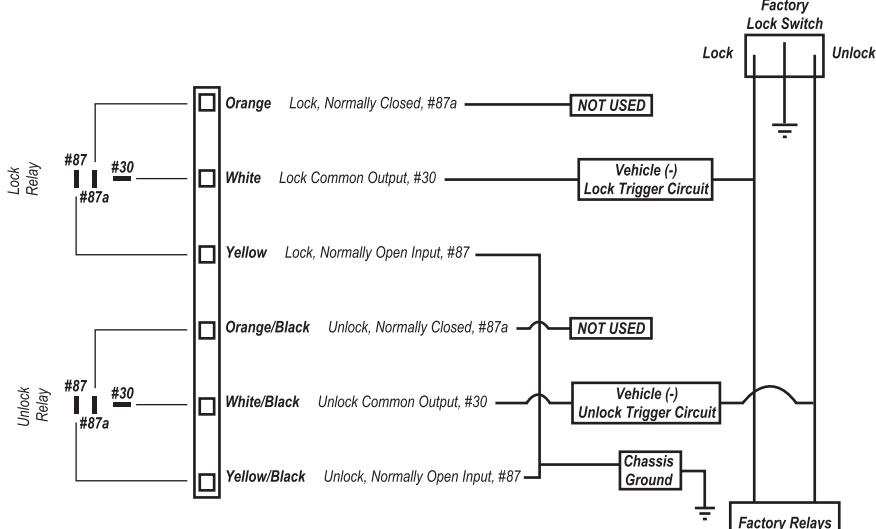| Terminal #	Color	Description
3	Black	Locate a suitable chassis ground location in the vehicle. Connect this wire to the ground location using a ring terminal.
4	Red	Using a digital multimeter, locate and test for a constant (+)12 volt power circuit. Connect this wire to this circuit, and always use a fuse within 12" of the connection point.
5	Pink	On vehicles with a dedicated electronic trunk release button, locate and test for the wire which energizes the trunk pop solenoid with a digital multimeter and connect this wire to the correct factory wire. Pay close attention to the polarity which activates the solenoid, and adjust the Trunk Release Polarity jumper JP2 accordingly to avoid any electrical damage to the module and/or solenoid.
12	Blue	Using a digital multimeter, locate and test for a wire which shows a (+)12 volt signal when the vehicle parking light circuit is activated. Connect this wire to the proper factory wire. Should the vehicle have a parking light circuit which is activated with a (-) signal, use a relay set up for reversing polarity (see relay diagrams).

Type A — Positive Trigger Door Lock System

Using a digital multimeter, locate and test for the proper wires which energize (+)12 volts when the door lock or unlock switch is activated.
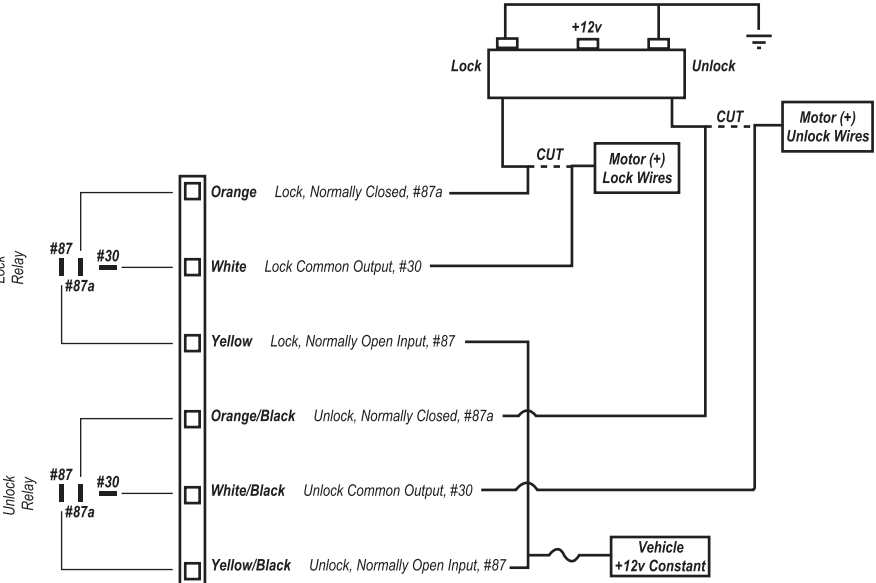
Type B — Negative Trigger Door Lock System

Using a digital multimeter, locate and test for the proper wires which will show (-) when the door lock or unlock switch is activated.
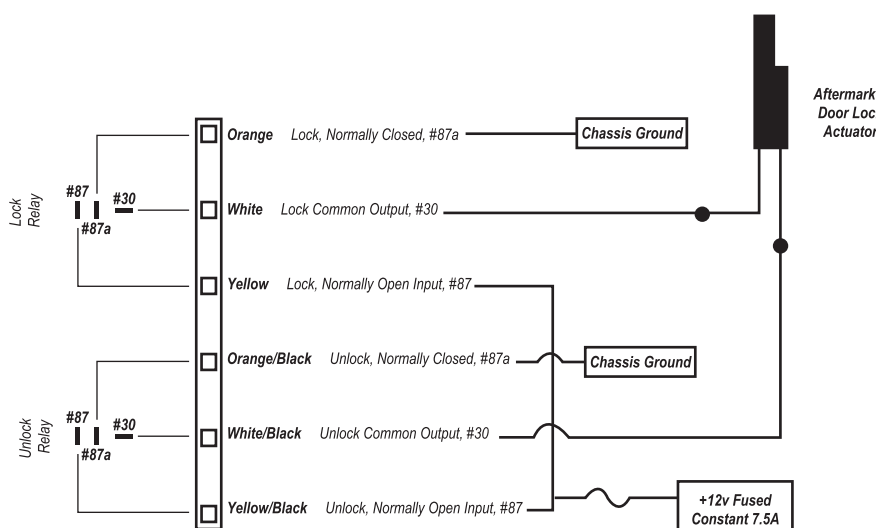
Type C — (+) Reversing Polarity

Because of the nature of this type of system and the requirement of cutting a factory wire to properly interface, we highly suggest you consult with your local mobile electronics retailer.
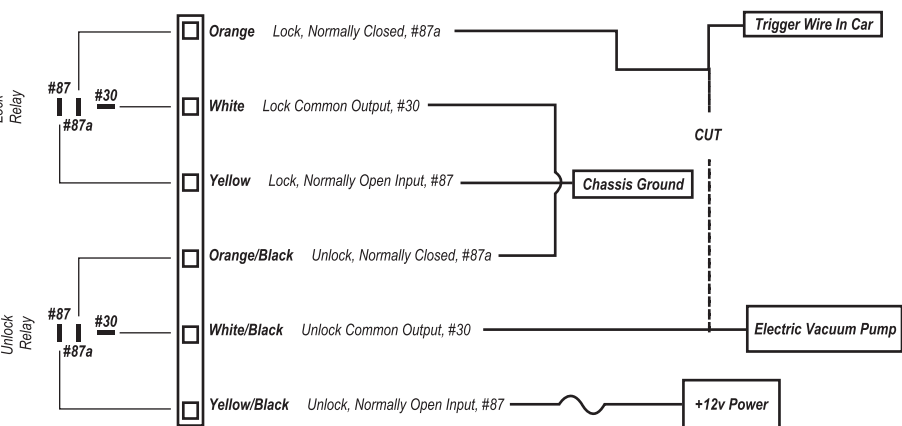
Type D — Adding Aftermarket Actuators

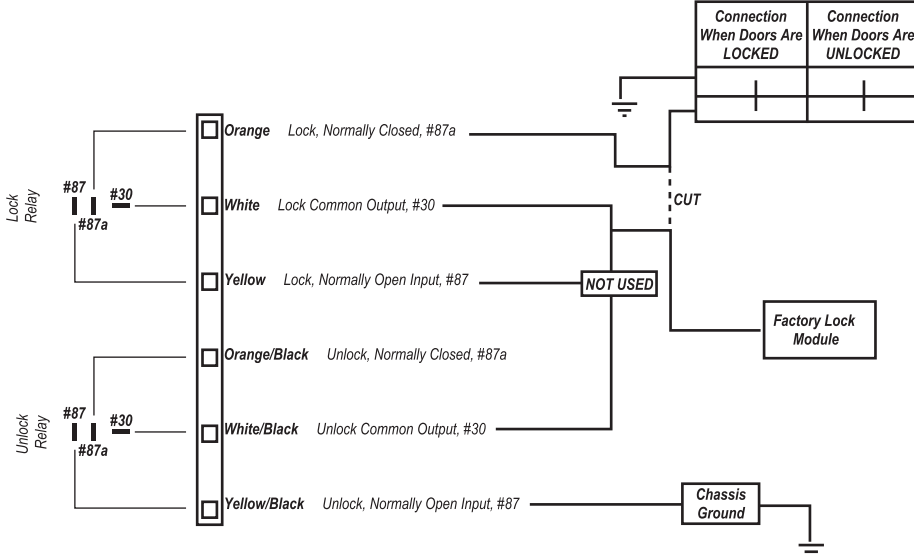When the addition of aftermarket actuators are required, use this diagram and connect accordingly.

Type E — Electrically Activated Vacuum System

Because of the nature of this type of system and the requirement of cutting a factory wire to properly interface, we highly suggest you consult with your local mobile electronics retailer.

Type F — One-Wire Activation System

Because of the nature of this type of system and the requirement of cutting a factory wire to properly interface, we highly suggest you consult with your local mobile electronics retailer.

Remote Transmitter Programming

Find the programming jumper JP1 terminal, you will notice that there is no jumper placed on it. Taking note of its correct position, use a screwdriver or any conductor to short-circuit programming jumper, Press any button on the new remote transmitter once; the new remote is now programmed to the module. Remove screwdriver off the programming jumper terminal. Up to 4 remotes can be programmed per module.

Further Details and Troubleshooting

Please contact your dealer for further detailed information, tips, and troubleshooting guides.

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