INSTALL GUIDE

Key-5 Advanced Remote Vehicle Keyless Entry System

REMOTE STARTERS

CAR ALARMS

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FCC/ID Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
CAUTION: Changes or modifications not expressly approved by the part responsible for compliance void the user's authority to operate this devise.

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Contents

- Control Module
- Four Button Remote Transmitter(s)
- 10 Pin Harness
- Owner and Install Manuals

Feature List

- Keyless Entry With Drivers Door Priority
- Positive Park Light Output
- Horn Honk Output
- Trunk Release Output
- Panic Mode
- Starter Disable Output

Pre-Installation

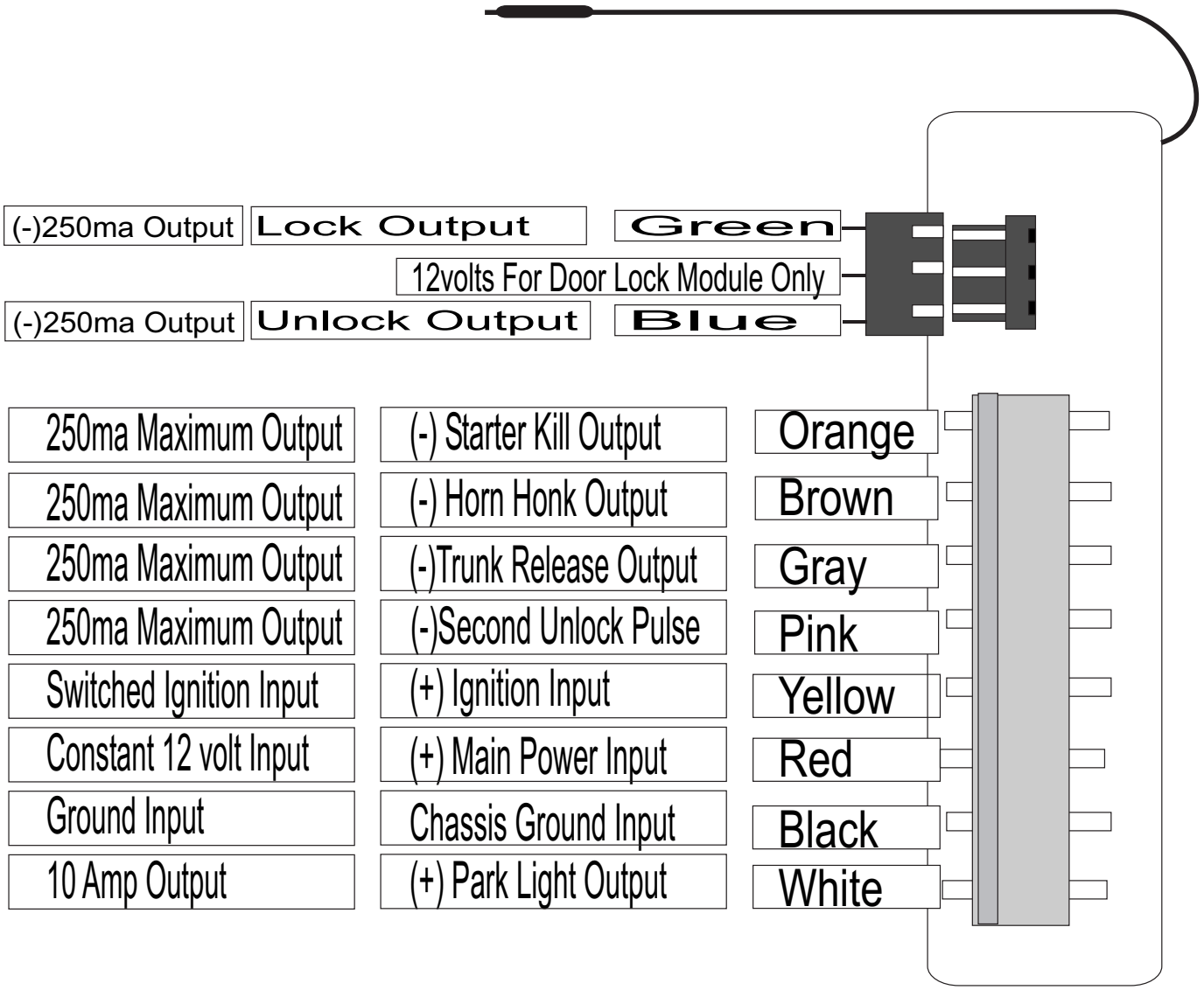
- Discuss the optional features of the system with the owner of the vehicle.
- Do a walk around of the vehicle. (Note any scratches or dents)
- Have vehicle wiring information ready before starting installation.

Installation Tips

- Leave a window open to avoid locking the key's in the vehicle.
- Use seat covers and floor mats to protect the vehicle.
- Avoid disconnecting the battery.
- Unplug the dome light fuse to prevent battery drain.
- Test all connections with a voltmeter or circuit safe test light.
- Install the wire harness so that it is free of any moving parts.
- Solder all connections. Avoid using scotch-lok and crimp connector.

Wiring Diagram

Antenna - Do Not Ground the antenna wire.



***The 12volt output on the keyless entry connector is not to be used for anything other than suppling power for voltage inverter's, and door lock modules such as the DL-3 and DL-7.**
****250ma outputs are low current and are designed to activate relays.**

Quick Start Installation

STEP 1 - The following wires MUST be connected for proper operation.

Red	**(+15amp) 12volt Input**	Connect to constant 12volt power source
Yellow	**(+) Ignition Input**	Connect to switched 12volt power source
White	**(+15amp) Park Light Output**	Connect to positive park light source
Black	**(-) Ground Input**	Connect to chassis ground
Green	**(-) Lock Output**	Negative 500ma door lock output
Blue	**(-) Unlock Output**	Negative 500ma door unlock output

(Optional Connections)

Orange	**(-500ma) Starter Disable Output**	Connect to starter disable relay
Brown	**(-500ma) Horn Output**	Connect to horn relay
Grey	**(- 500ma) Trunk Output**	Connect to trunk release relay
Pink	**(-550ma) 2nd Unlock Output**	Connect for drivers door priority

STEP 2 - CONNECT AND MOUNT THE MODULE

Plug the Connectors into the Module.
Press the transmitter buttons to check for proper operation. Once it is determined that everything is working correctly the module can be mounted.

NOTE: Before plugging the module in make sure that Ignition Key is in the OFF position.

Mount the module by selecting a location under the dash that is secure. Be certain that the module does not obstruct any serviceable areas. The module must be free from moving parts such as brake, clutch and gas pedals and the linkages that are attached to them.

Basic remote operations*

*See Owners Manual for more transmitter operations

TRANSMITTER PROGRAMMING

METHOD 1
1) Turn the ignition **On-Off-On-Off-On-Off-On-Off.** The park lights will flash twice.
2) Press the Lock button on the transmitters to be programmed.
3) The park lights will flash once, each time a new transmitter is learned.

NOTE: The system can store a maximum of 3 transmitter codes in memory.

METHOD 2
1) Plug in the module. (Leave the ignition in the Off position).
2) Press the lock button on each of the transmitters to be programmed.
3) The park lights will flash once each time a new transmitter code is learned.

NOTE: Previous transmitters that are not programmed at this time will deleted.

System Reset

Reset To Factory Default Settings.
1) Make sure ignition is in the OFF position.
2) Turn the ignition key ON - **leaving key in the ON position.**
3) Press the transmitter buttons as follows. **Trunk-Lock-Unlock-Trunk.**
4) The system will respond by flashing the park lights three times*

***The system is now set to factory default settings.**

Quick View Programming

Passive / Active Arming	**Lock-Unlock-Lock-Unlock**	Passive	**Active**
Passive / Active Locks	**Unlock-Trunk-Unlock-Trunk**	Passive	**Active**
Ignition Aouto Door Locks	**Lock-Trunk-Lock-Trunk**	ON	**OFF**
Door Lock Pulses	**Lock-Unlock-Trunk-Lock**	Three Second	**.75 Second**
Double Pulse	**Unlock-Trunk-Unlock-Lock**	Double Pulse	**Single Pulse**
Passive Warning Chirps	**Lock-Trunk-Unlock-Trunk**	ON	**OFF**
Reset To Factory Defaults	**Trunk-Lock-Unlock-Trunk**	Three flashes	Three Flashes

PROGRAMMING

Enter Programming:

1. Make sure ignition is in the OFF position.
2. Turn the ignition key ON - **leaving key in the ON position.**
3. Press the transmitter button in the appropriate sequence. The parking lights and the horn (optional) will flash the appropriate option.

NOTE: After ten seconds the system will automatically exit Program Mode.

Setting 1 - Passive/Active Arm

1. Passive Arm 1 Flash/Honk The starter disable relay will activate 30 seconds after the ignition is "OFF".

***2. Active Arm 2 Flashes/Honks The starter disable relay when *LOCK* is pressed**

1. Turn the ignition key to the "ON" position.
2. Within 10 seconds, press and release the remote transmitter buttons:

LOCK, UNLOCK, LOCK, UNLOCK.

Setting 2 - Passive/Active Lock (setting 1 must be ON)

1. Passive Lock 1 Flash/Honk The doors will automatically lock when the system arms in the passive mode.

***2. Active Lock 2 Flashes/Honks The doors will ONLY lock/unlock with the remote transmitter.**

1. Turn the ignition key to the "ON" position.
2. Within 10 seconds, press and release the remote transmitter buttons:

UNLOCK, TRUNK, UNLOCK, TRUNK.

Setting 3 - Ignition Auto Locks

1. On 1 Flash LOCK two seconds after the ignition is turned "ON" and UNLOCK when ignition is turned "OFF"

***2. Off 2 Flashes LOCK/UNLOCK by remote transmitters ONLY**

1. Turn the ignition key to the "ON" position.
2. Within 10 seconds, press and release the remote transmitter buttons:

LOCK, TRUNK, LOCK, TRUNK.

***(*default setting*)**

PROGRAMMING

Setting 4 - Door Lock Pulse

1. 3 Seconds 1 Flash/Honk 3 second LOCK/UNLOCK pulse.
***2. 3/4 Second 2 Flashes/Honks 0.75 second LOCK/UNLOCK pulse**

1. Turn the ignition key to the “ON” position.
2. Within 10 seconds, press and release the remote transmitter buttons:

***LOCK, UNLOCK, TRUNK, LOCK*.**

Setting 5 - Unlock Pulses

1. Double Unlock 1 Flash/Honk Two 1/8 second Unlock pulses when UNLOCK is pressed.
***2. 3/4 Unlock 2 Flashes/Honks One 3/4 second Unlock pulse when UNLOCK is pressed.**

1. Turn the ignition key to the “ON” position.
2. Within 10 seconds, press and release the remote transmitter buttons:

UNLOCK, TRUNK, UNLOCK, LOCK.

Setting 6 - Passive Warning Chirp (setting 1 must be ON)

1. Chirp ON 1 Flash/Honk Warming honks during 30 second arming.
***2. Chirp OFF 2 Flashes/Honks No warning honks.**

1. Turn the ignition key to the “ON” position.
2. Within 10 seconds, press and release the remote transmitter buttons:

LOCK, TRUNK, UNLOCK, TRUNK.

Setting 7 -Reset to Factory Default

To Reset all programmable features to factory default setting:

1. Turn the ignition key to the “ON” position.
2. Within 10 seconds, press and release the remote transmitter buttons:

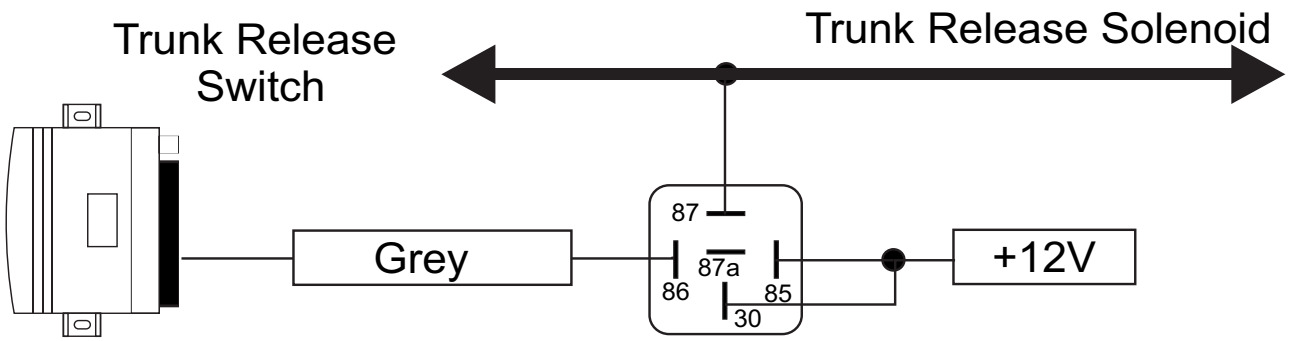
TRUNK, LOCK, UNLOCK, TRUNK.

NOTE: Reset to factory default is confirmed with three horn chirp sounds and park light flashes.

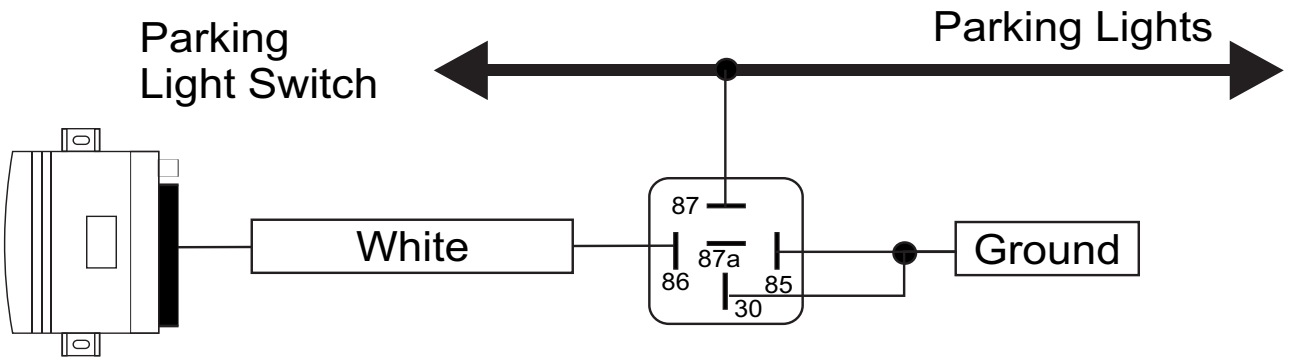
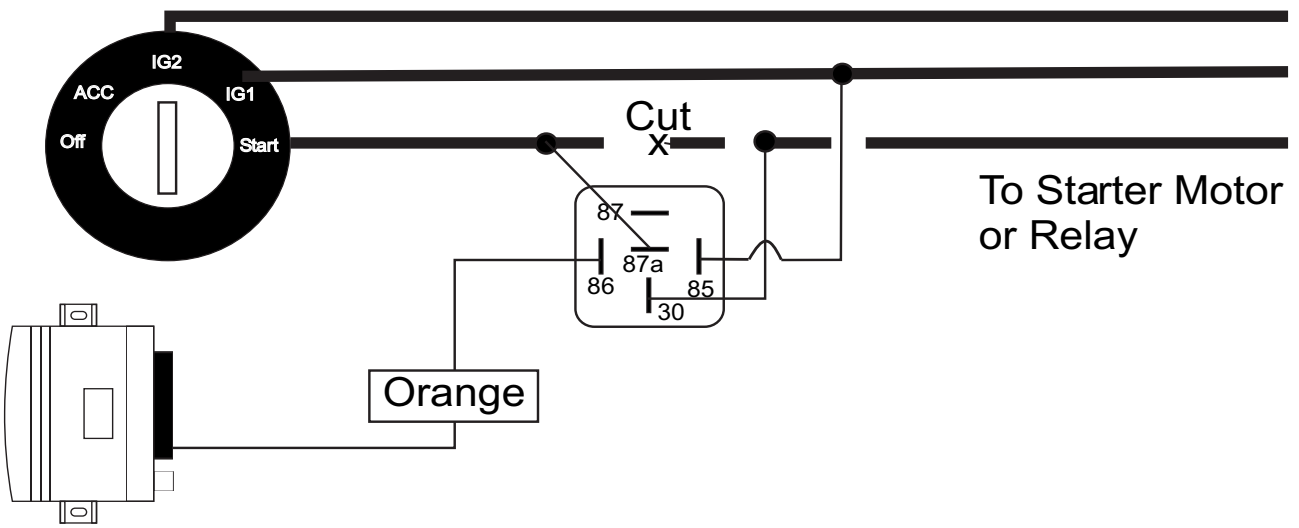
***(default setting)**

Relay Diagrams

POSITIVE TRUNK RELEASE



NEGATIVE PARK LIGHTS



STARTER KILL