

DEALERSHIP SECURITY SYSTEMS

INSTALLATION GUIDE

CS-840RKE
REMOTE KEYLESS
ENTRY

INTRODUCTION

This installation guide is designed to guide you step by step through the installation of this these security systems.

This progressive method allows you install and connect the basic features of the system to have an operating system with a minimum of hook-up.

There are three types of systems which all use an identical wire harness, so upgrades from the basic starter/ignition disable to the full featured remote control alarm system requires simply plugging in the better module. (installation of the entire wire harness must be complete to be able to "plug-in and go" with the upgrade models.

We hope this brief introduction helps eliminate confusion when installing your system. Should you experience trouble during installation, tech support is available by calling:

1 (800) 998-6880
Monday - Friday 8:00am - 4:30pm Pacific Time

CONTROL MODULE MOUNTING

CS-840RKE

The module should be mounted in a concealed location. Placement will effect the distance from which the RF transmitter can control the unit. Because the RF receiving antenna extends from the module, the wire antenna should be routed at least 1/2 inch away from the nearest metal. DO NOT alter the length of antenna wire or route it with any other wiring.

MOUNTING LOCATIONS

UNDERDASH MOUNTING: If locating the control module underdash, the unit should be placed as high as possible, not easily accessible by an intruder.

DRIVER'S SIDE underdash mounting provides easy location for wiring, BUT this side usually is a common location where thieves would look for a unit. ALSO, the left side of the dash has more metal and wiring which could cause decreased remote control range. ALWAYS PLACE UNIT AS HIGH AS IS POSSIBLE FOR BEST CONCEALMENT AND OPERATING RANGE.

PASSENGER SIDE underdash mounting is often the best location for operating range and concealment. Removing the glove box often reveals excellent mounting locations for the control board. Extra wiring may be required to route wiring across the dash area.

UNDERSEAT MOUNTING: This location may be used, however it may not be an advantage for the following reasons:

- 1) The seat is made of a steel framework and springs, blocking RF signals.
- 2) The low mounting location may limit RF reception.
- 3) The control unit can be exposed to excessive moisture from water and spilled drinks. This moisture stays in the carpet padding causing corrosion to the circuit board which is not cover by our warranty.

LED & EMERGENCY DISARM SWITCH MOUNTING

The LED/DISARM SWITCH ASSEMBLY should be located in a visible location in/on/under the dashboard

PROGRAMMING

TRANSMITTER CODE LEARNING (CS-840RKE)

To have the control module learn a new transmitter code, use the following procedure:

- 1) With system in UNLOCKED state AND Ign OFF, Press and hold RED disarm button until GREEN LED lights solid.
- 2) Turn Ign switch on then off 3 times within 10 seconds.
- 3) LED will start Flashing.
- 4) Press button #1 on NEW remote transmitter. Lights will flash once, then twice, to confirm programming.

Repeat 1-4 for another transmitter

NOTE: System accepts only 2 transmitter codes.

WIRING

HEAVY GAUGE BROWN/WHITE WIRES: STARTER DISABLE (OPTIONAL)

These wires are connected to the vehicle Starter wire. Cut the vehicle starter wire. Connect one half to one wire, the other half to the other wire.

RED WIRE: +12 VOLT POWER

Connect to Constant +12 Volt power source with supplied In-Line 10 Amp fuse and Fuse Holder.

BLACK WIRE: CHASSIS GROUND

Connect to body metal of the vehicle using a sheet metal screw.

ORANGE WIRE: IGNITION SWITCHED "ON" AND "START" +12 VOLTS

Connect to an Ignition wire (or fuse in the fuse box) that shows +12 Volts when the key is in Both the "On" and "Start" positions.

TAN/BLACK: +/- PARKING LIGHT INPUT SOURCE

This wire is the source wire for the parking light output wire. If the parking lights are positive connect to +12V, If negative connect to chassis ground.

TAN WIRE: FLASHING PARKING LIGHT OUTPUT (OPTIONAL)

Connect to any Parking Light or to the Parking light output at the back of the Headlight switch.

!! DO NOT CONNECT TO DASH DIMMER CIRCUIT !!

BROWN/BLACK: NOT USED

This wire is the source wire for the Horn/Siren output wire.

If the Horn/Siren is positive connect to +12V, If it is negative connect to chassis ground.

BROWN WIRE: NOT USED

Connect BROWN wire to Horn wire in vehicle. If using a Siren, Ground BLACK wire of Siren to Chassis ground(body metal), Connect RED Siren wire to BROWN (Use + source input).

GRAY WIRE: NOT USED

Connect to pin switches which go to ground when hood and trunk are opened. It may be necessary to install your own switches.

GREEN WIRE: NOT USED

YELLOW WIRE: NOT USED

Connect to door switches which turn on interior light when doors are opened. A (-)Negative door switch wire will read (-) when doors are open and +12 volts when doors are closed.

A (+)Positive door switch wire will read +12 volts when doors are open and (-)ground when doors are closed.

GREEN/RED WIRE: (-)NEG. REMOTE OUTPUT (OPTIONAL)

(REQUIRES RELAY)

Connect to terminal 85 of relay. Connect terminal 86 to +12 Volt constant. Connect terminal 87 to +12V Constant or Ground. Connect terminal 30 to device to be activated.

BROWN/WHITE WIRE: (-)NEG. ARMED OUTPUT (OPTIONAL)

This wire goes to (-)ground when system is ARMED/LOCKED.

WIRING

3 PIN DOOR LOCK PLUG

BLUE/RED WIRE: (-)NEG. DOOR UNLOCK OUTPUT (OPTIONAL)

(+)POS. DOOR LOCK OUTPUT

Connect to factory unlock relay, or to relay to activate motors.

GRAY/RED WIRE: (-)NEG. DOOR LOCK OUTPUT (OPTIONAL)

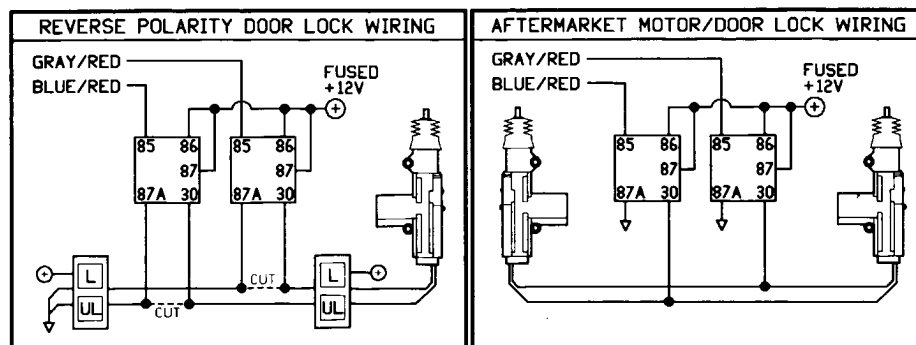
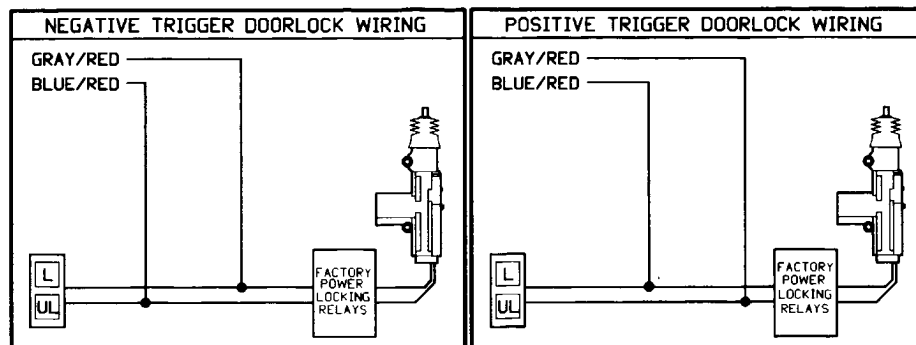
(+)POS. DOOR UNLOCK OUTPUT

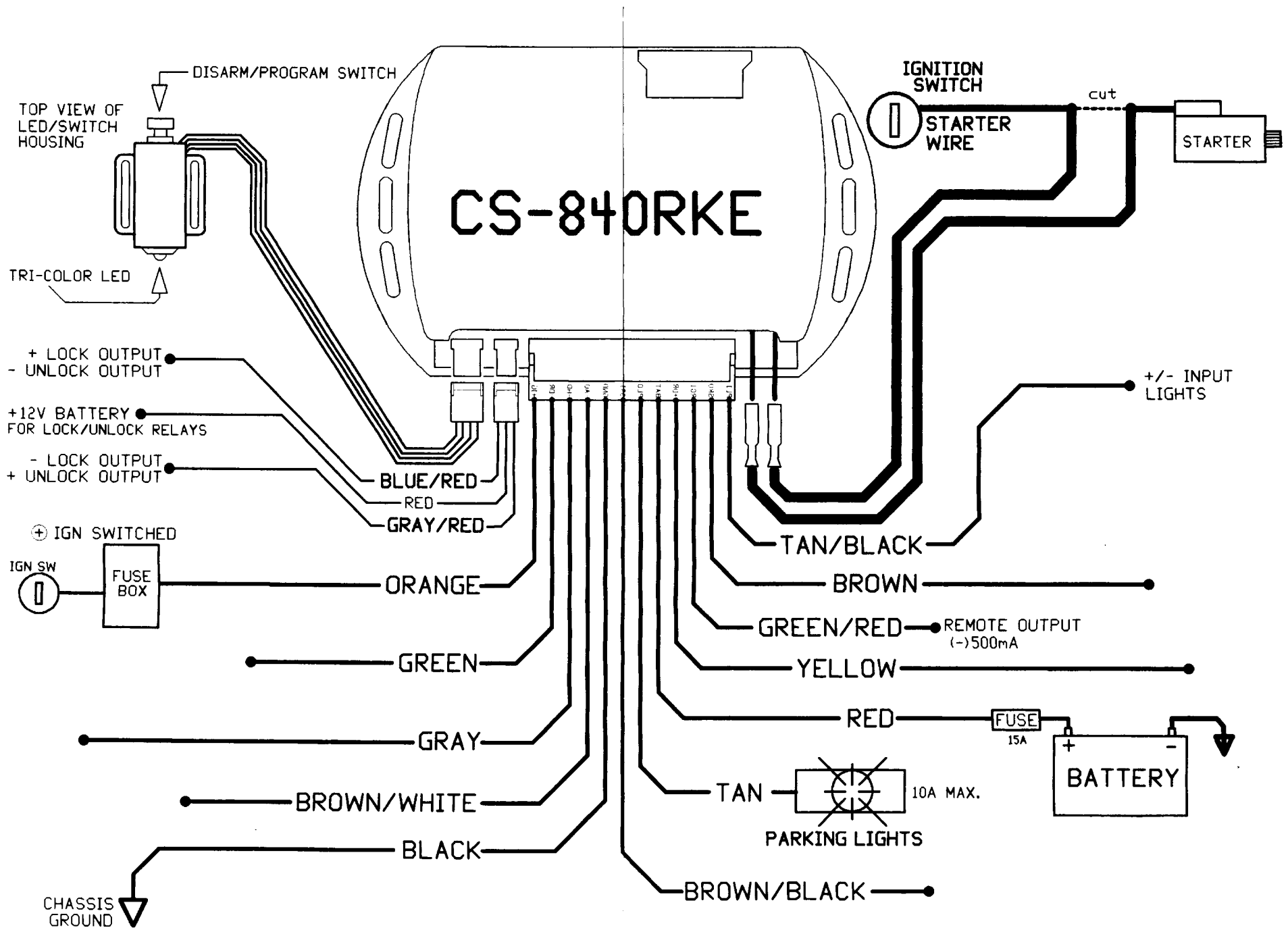
Connect to factory lock relay, or to relay to activate motors.

RED: +12V POWER FOR RELAYS

Connect to terminals 86 or 85 when using relays.

POWER DOOR LOCK WIRING DIAGRAMS





CS-840RKE

REMOTE KEYLESS ENTRY SYSTEM

OPERATION/OWNERS MANUAL

This device complies with FCC Rules part 15. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modification could void the user's authority to use the equipment.

OPERATING THE REMOTE TRANSMITTER

The transmitter supplied has two(2) buttons and two(2) channels.

LOCK DOORS:

Press and Release Button #1 Once.
Doors will Lock, Lights will Flash Once.

UNLOCK DOORS:

Press and Release Button #1 Once.
Doors will Unlock, Lights will Flash Once and then come on Solid.

TO ACTIVATE REMOTE OUTPUT (TRUNK POP):

Press Button #2 for 1 sec.
Output will activate for as long as button remains pressed.

EMERGENCY OVERRIDE

In the event your transmitter will not unlock your vehicle, you will not be able to start your vehicle if the optional STARTER DISABLE has been installed. *Simply enter your vehicle using your key, turn the Ignition to ON, and press and hold the RED override switch located behind the RED flashing LED, until the LED shuts off (Approximately 8-10 seconds).*

REPLACING THE TRANSMITTER BATTERY

The remote transmitter requires one 12 volt battery, model GP23A. (Duracell, Eveready, Ray-O-Vac, etc...). A battery will typically last 4 to 6 months. When replacement is necessary, the battery can be found at many drugstores and camera shops.

TO CHANGE TRANSMITTER BATTERY:

- 1) Remove Phillips screws from back cover.
- 2) CAREFULLY unsnap back cover replace battery and reassemble.