



Golden Rodtronics
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Two Function Remote Control System (Model RC192)

Congratulations! You have just purchased one of the finest remote control door and trunklatch systems available. Everything you need to install your remote system is included in this kit. All you supply are the time and tools.

**Please Read all of the instructions before starting.
(This will ensure a proper, safe, and easy installation.)**

Features

- Independent control over two doors or one door and a trunk latch.
- Easy installation.
- Three button transmitter for easy up-grade to a three channel system
- All needed wiring is included in this kit.
- One of over a half million different codes (factory set), ensuring that there is virtually **no chance of code duplication.**
- For your safety, power to the actuators is disconnected whenever the ignition is on, preventing the doors from accidentally opening while the car is in motion.
- Actuators can be wired to push or pull door latches, making them practical for many different applications.
- Additional transmitters are available at reasonable prices, should you lose or damage the supplied transmitters.
- Transmitter batteries are replaceable and available at most electronic stores.
- An outside hidden **Bypass Button** backup system is supplied to open the driver's door in case of an accidental key lock up in the car, or a system failure.
It is also recommended to have a mechanical way to open a door, in case of a dead car battery.

Kit Contents

- 1 Receiver
- 2 Transmitters
- 1 Wiring and Small Connector
- 1 Wiring and Large Connector
- 2 Actuators, Pigtails Connectors, Nuts, Bolts, and Rods
- 2 (Optional) Door Latches with Studs and Washers
- 2 (Optional) Latch Plate Mounting Kit
- 2 (Optional) 2 Function W.I.D.E Contacts
- 2 (Optional) 2 Supper Door Poppers

Determining Your Mounting Locations

A. **Actuators.** Each actuator should be mounted in-line with the door latch, so the actuator rod can freely pull or push the latch release with a minimum amount of resistance. The actuator is designed to pull or push up to 12 pounds. (NOTE: The actuators supplied in this kit will not operate the sliding bolt style latches, which were originally supplied in the pre-50's vehicles. Alternative latches should be used.) Alternative latches (Bear Claw) are available from Golden RODtronics.

B. **Receiver.** The receiver must be mounted within the passenger compartment or trunk. **Do not** mount the receiver in a location where it may be exposed to moisture or excessive heat. Locations similar to the following should be avoided: engine compartment; under the seat above the muffler; in a direct path of hot air coming from the heater. (**CAUTION:** Damage due to excessive heat or moisture is **NOT** covered in the warranty.) Common sense in placing the receiver will greatly reduce your chances of ever needing repairs.

C. **Manual Entry Bypass Button.** If you have a mechanical method for entering your vehicle, you do not need to install the bypass system. If the remote system is the only method you have of entering your vehicle, **you must** install the bypass system to minimize your chances of being locked out.

The button should be mounted in a hidden location with easy access if you're locked out of your vehicle. We have included a rubber boot with the button, which will help make them moisture resistant, making it possible to hide them nearly anywhere under the vehicle.

Manual inside door handles are a must!

(What happens if your battery goes dead when you're in the vehicle?)

D. **Latches.** The installation of alternate door latches, when necessary, will be different in each situation. After-market door latches should be installed following the vendor's instructions. After-market door latches (Bear Claw) are available from Golden RODtronics.

Wiring Your System

Caution: Leave the connections off of the receiver while you are running the wires through the vehicle. This will prevent damage due to accidental shorts. It is strongly suggested that all wire connections be soldered, (using rosin core solder) and shrink tube be used to cover the splice.

Wire

Type of Connection

Orange Connect the orange wire directly to the fused side of the fuse block. The fuse must be rated at 15 AMPS. The orange wire must have power at all times.

Red Connect the red wire directly to the fuse box so the red wire has power at all times (NOT on the same one as the orange wire).

<u>Wire</u>	<u>Type of Connection</u>
Gray	Connect the gray wire directly to the fuse box so the gray wire has power at all times (NOT on the same one as the orange and red wire).
Blue	Connect the blue wire to the ignition switch so the blue wire is at +12 volts ONLY when the ignition is on. (Caution: this is an important connection that will insure a safe remote system.)

There are two black wires. Care must be taken not to confuse them.

STOP: Go to the last page (The Drawing) to familiarize yourself with the difference.

Black (short)	The short black wire is the antenna. DO NOT connect it to anything. Also, DO NOT: <ul style="list-style-type: none"> ▪ Change the length of the antenna. ▪ Coil the antenna around anything. <ul style="list-style-type: none"> ▪ Strip the antenna and electronically connect it to anything.
Black (long)	The long black wire is the chassis ground. It is very important that this wire be connected to the vehicle's metal frame with a clean electrical contact.
Yellow	Connect the yellow wire to the actuator you will use most often (most likely the drivers door). Note: If you want the actuator to pull on the latch, connect the yellow wire to the black wire. If you want the actuator to push, connect the yellow wire to the red wire.
White	Connect the white wire to the actuator you will use the second most often.

The actuators have two wires leading from them (pig tails). You must fasten the actuator wire that is NOT connected to the yellow or white wire to a good chassis ground. This is best accomplished by running a wire out of the door and back to the vehicles chassis ground. For a clean looking door jamb, use The W.I.D.E. Contact for all the wires going from the door post to the door. (The W.I.D.E. Contacts are available from Golden RODtronics). The less preferred alternative is to ground to the door, and let the ground path go through the hinges of the door.

Operation

After all the wiring is complete, plug the two connectors into the receiver. The system will run a self-diagnostic check for one minute, when it is first connected to the power source. Next, it will operate channel one. (This only happens when power is first applied to the receiver and will never happen again, as long as the receiver has a constant +12 volts to the red wire.)

To operate channel one, press the button marked “●” on your transmitter.

(**Caution: DO NOT** use excessive force on the transmitter buttons. You can damage the circuits by pressing too hard.) The actuator connected to the yellow wire will then operate for about one second.

To operate channel two, press the button marked “● ●” on your transmitter. This actuator will function as long as the button is held down. **DO NOT** hold this button down longer than three seconds; you can over heat and damage the actuator.

Important: Turn your ignition to the “On” position, and try to open the doors with your transmitter. If your system is wired correctly, none of the actuators will operate while the vehicle is on. It is recommended that you test this safety feature each time you start your vehicle, thereby making sure that the doors will not open while the vehicle is running.

Warranty

All of the parts contained in this kit will be warranted for one year from the date of purchase (not from the time of installation), providing that they have been installed as instructed. Transmitter batteries are NOT covered in this warranty. Return the defective part to Golden RODtronics and, providing that it is determined that the part was installed correctly, the part will be repaired or replaced by Golden RODtronics.

The receiver is designed to work with the actuators and latches provided in our kits. If latches and/or actuators other than the ones we supply are used, Golden RODtronics retains the right to determine if the warranty should apply to the part(s).

All authorized returns are subject to a 25% restocking fee. Returns will not be accepted if the kit has been installed then removed. **With NO exceptions.**

Because Golden RODtronics cannot be assured that the remote control system was installed as instructed, Golden RODtronics liability is limited to the replacement of the remote control system. The purchaser signifies his/her agreement with the warranty, and the limited liabilities of Golden RODtronics stated herein, by the attempted or complete installation of this product.

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