CL2000 2 door standard
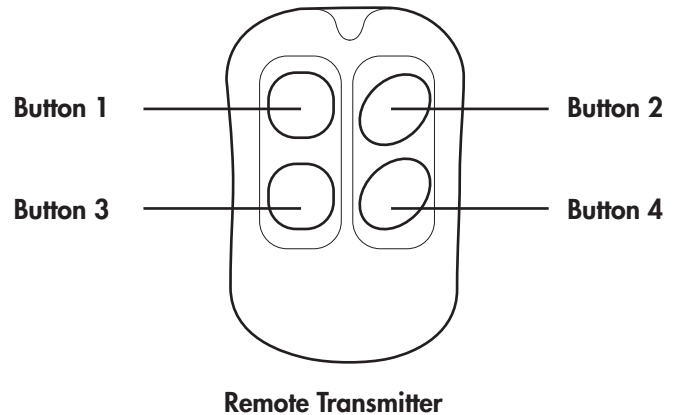*CL4000 4 door standard*
CK2000 2 door with remote
CK4000 4 door with remote
CA2000 2 door with alarm
CA4000 4 door with alarm

Button 1 ———— Button 2
Button 3 ———— Button 4

Remote Transmitter

INSTALLATION

ACTUATOR MOUNTING

1. Remove all the handles, fittings, and arm rests from the door.

2. Remove the door's interior panel by inserting a screw driver between the door, and door panel. Once inserted pry off the door panel by pushing or pulling on the screwdriver (Figure1).

3. Carefully remove the clear PVC protective sheet from the door.

4. Locate your factory lock and unlock rod. This rod will be connected to your unlock and lock button. When you pull or push this rod it will lock or unlock your door. This rod maybe horizontal or vertical.

5. Locate a safe position to mount the door lock actuator parallel to the factory door lock rod using the screws given (Figure 2). You can mount the actuator directly to the door, or use the bracket to cross a part of the door were there is no metal (Figure 2). In some cases, it is necessary to bend the actuator rod in order to reach the factory rod. In these cases, bend the rod so that the beginning and the end of the rod are horizontal (Figure 4). Make sure there is plenty of room for the motor to travel up and down. Check to make sure the motor will not interfere with the window mechanisms.

6. Lock the door, then push the door actuator all the way down.

7. Place the actuator rod through the eye of the door lock plunger.

8. Attach the rod adapter to the actuators rod and tighten the screw (Figure 3).

9. Connect the rod adapter to the factory door lock rod and secure by tightening the screw (Figure 3).

10. Run the wires out of the door using the factory rubber tube to hide the wires in the door jam. Make sure the wires do not get in the way of the window mechanism.

11. Repeat steps 1-10 for each door.

WIRING

1. Run all the wires to the location of the door lock module. Be sure to mount the module in a dry place (under the dash).

2. Connect the 5 wires from the actuator to the wire harness in accordance with the same color.
3. Connect the separate black wire with the "U" shaped terminal to a chassis ground (body metal).

4. Connect the separate red wire to a constant 12 volts positive power source (battery).
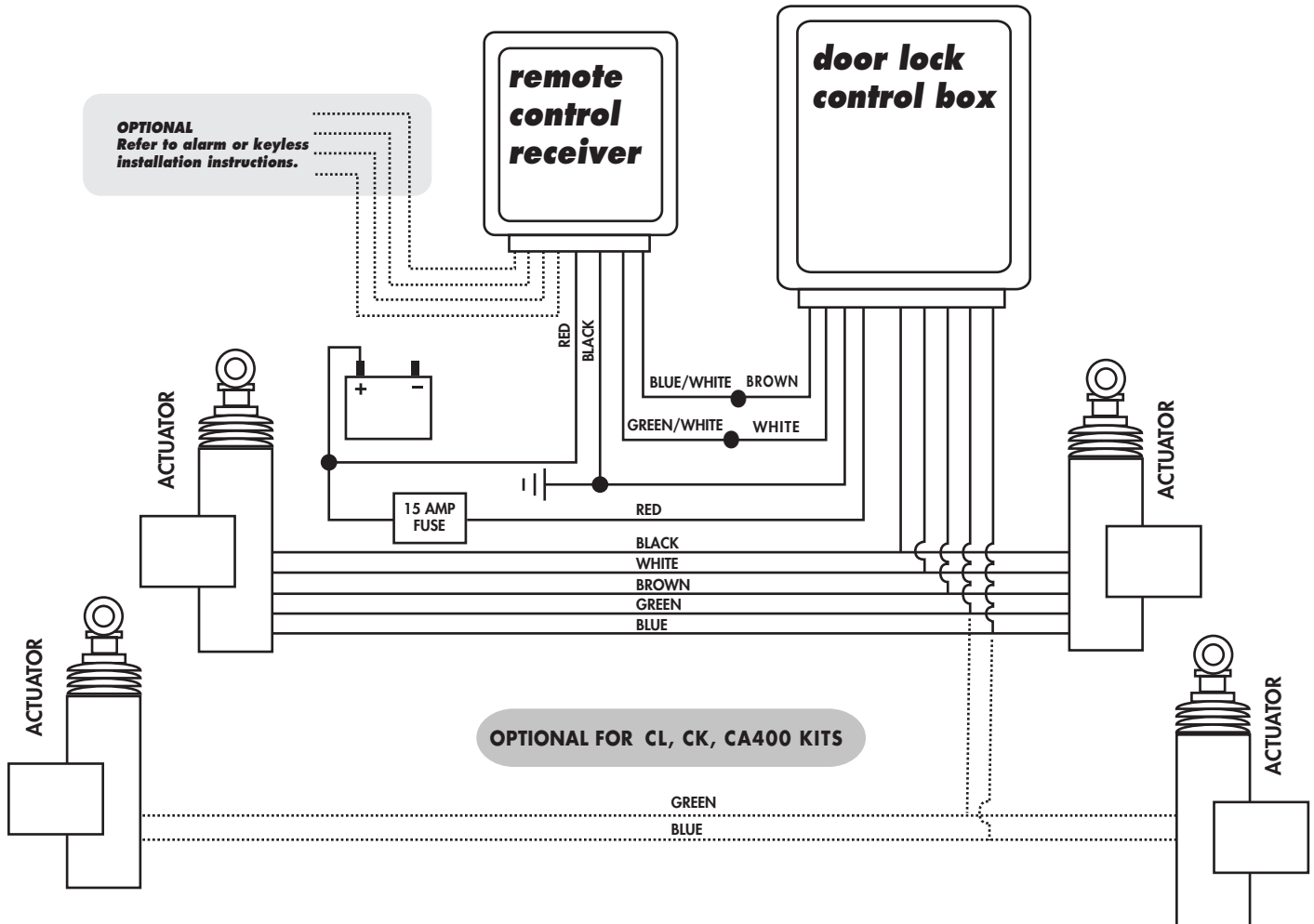
CONTROL MODULE INSTALLATION

1. Connect the keyless entry units negative "-" LOCK   output wire (BLUE/WHITE) to the BROWN wire.

2. Connect the keyless entry units negative "-" UNLOCK output wire (GREEN/WHITE) to the WHITE wire.

3. Connect the keyless entry units BLACK wire to a chassis ground (body metal).

4. Install the fuse and connect the keyless entry units RED wire to a constant 12 volts positive power source (battery).

5. (Optional) Use AutoLoc's power trunk kit for remote opening of your trunk (part # PT1000).

TESTING

1. From the outside of the car, lock the drivers door. If the drivers and passengers doors both lock then the system lock is working.

2. Now unlock the drivers door and if the passengers door is unlocked the system unlock is working.

3. If you encounter a problem adjust the rod adopter to allow for more or less travel on the factory rod.
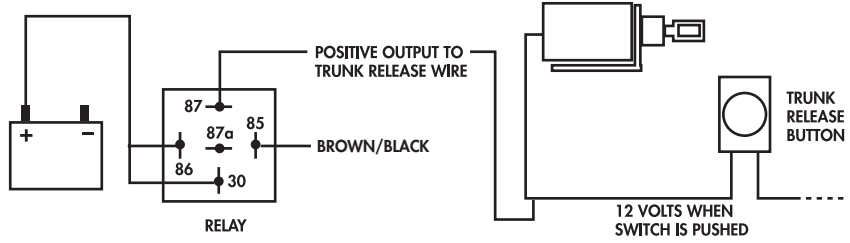
CA2000/CA4000

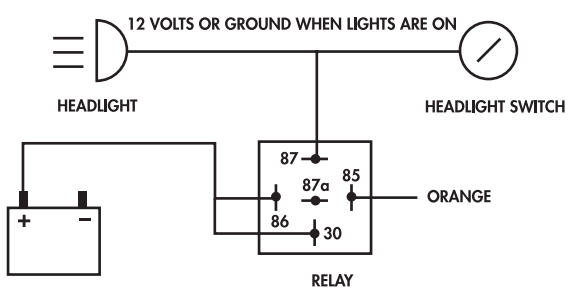*Please refer to alarm instructions for alarm specific wiring directions.*

AutoLoc

remote control receiver

door lock control box

OPTIONAL
Refer to alarm or keyless installation instructions.

ACTUATOR

ACTUATOR

ACTUATOR

ACTUATOR

RED
BLACK

BLUE/WHITE   BROWN

GREEN/WHITE   WHITE

+   −

15 AMP FUSE

RED

BLACK
WHITE
BROWN
GREEN
BLUE

OPTIONAL FOR CL, CK, CA400 KITS

GREEN
BLUE

TRUNK/SHAVED DOOR HANDLE TRIGGER

+   −

POSITIVE OUTPUT TO TRUNK RELEASE WIRE

87
87a   85
86   30

BROWN/BLACK

RELAY

TRUNK RELEASE BUTTON

12 VOLTS WHEN SWITCH IS PUSHED

PARKING LIGHTS

12 VOLTS OR GROUND WHEN LIGHTS ARE ON

HEADLIGHT

HEADLIGHT SWITCH

+   −

87
87a   85
86   30

ORANGE

RELAY

NOTE: If parking lights are negative trigger, then connect 30 to chassis ground.

STARTER/IGNITION KILL

STARTER SOLENOID

CUT   CUT

IGNITION SWITCH

KL600 GRAY

87
87a   85
86   30

12 VOLTS WHEN CAR IS ON NO VOLTAGE WHEN OFF

RELAY

WIRING DIAGRAMS

AutoLöc™

figure 3

Set screws

Factory rod

Actuator rod

figure 2

Carefully pry interior panel off of the door with a flathead screwdriver.

figure 1

Bend the actuator rod as illustrated to the left.

CORRECT BENDS

INCORRECT BENDS
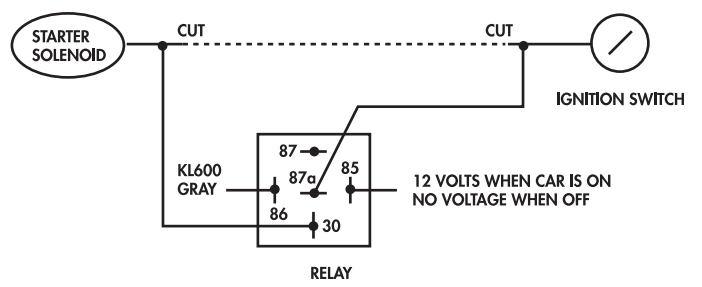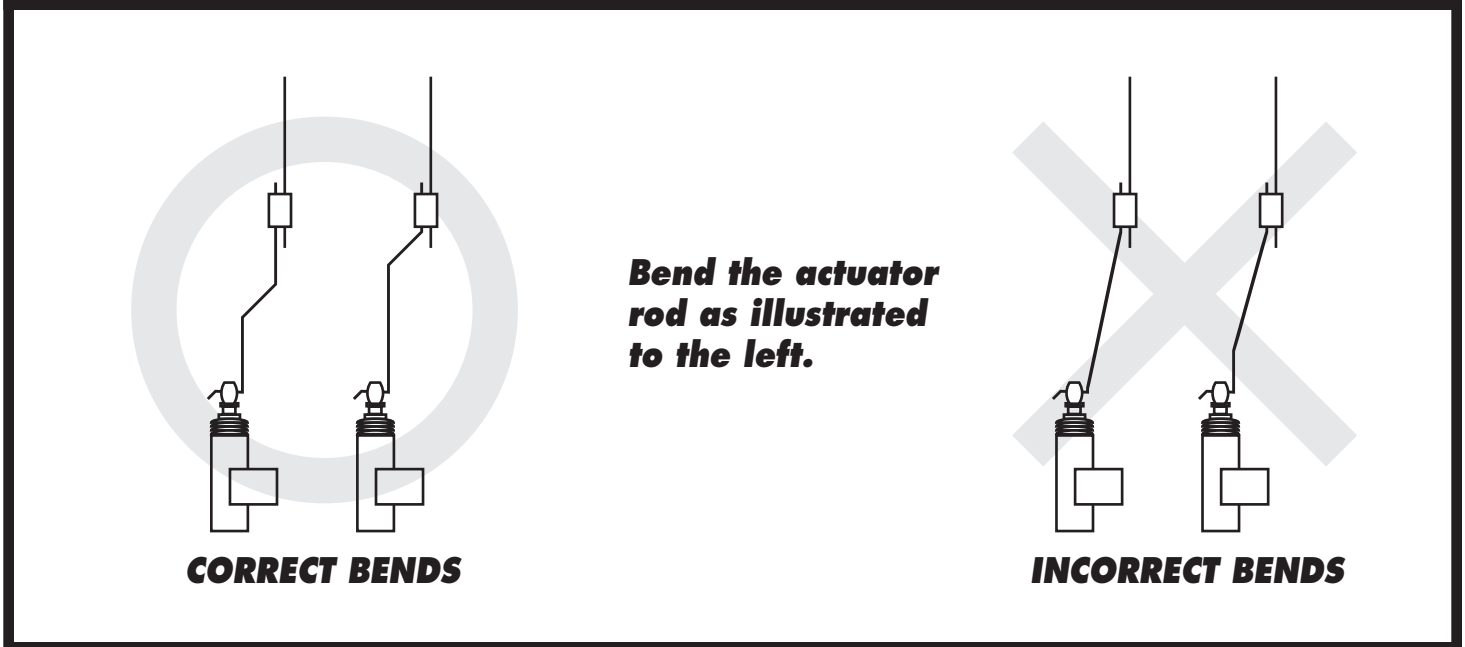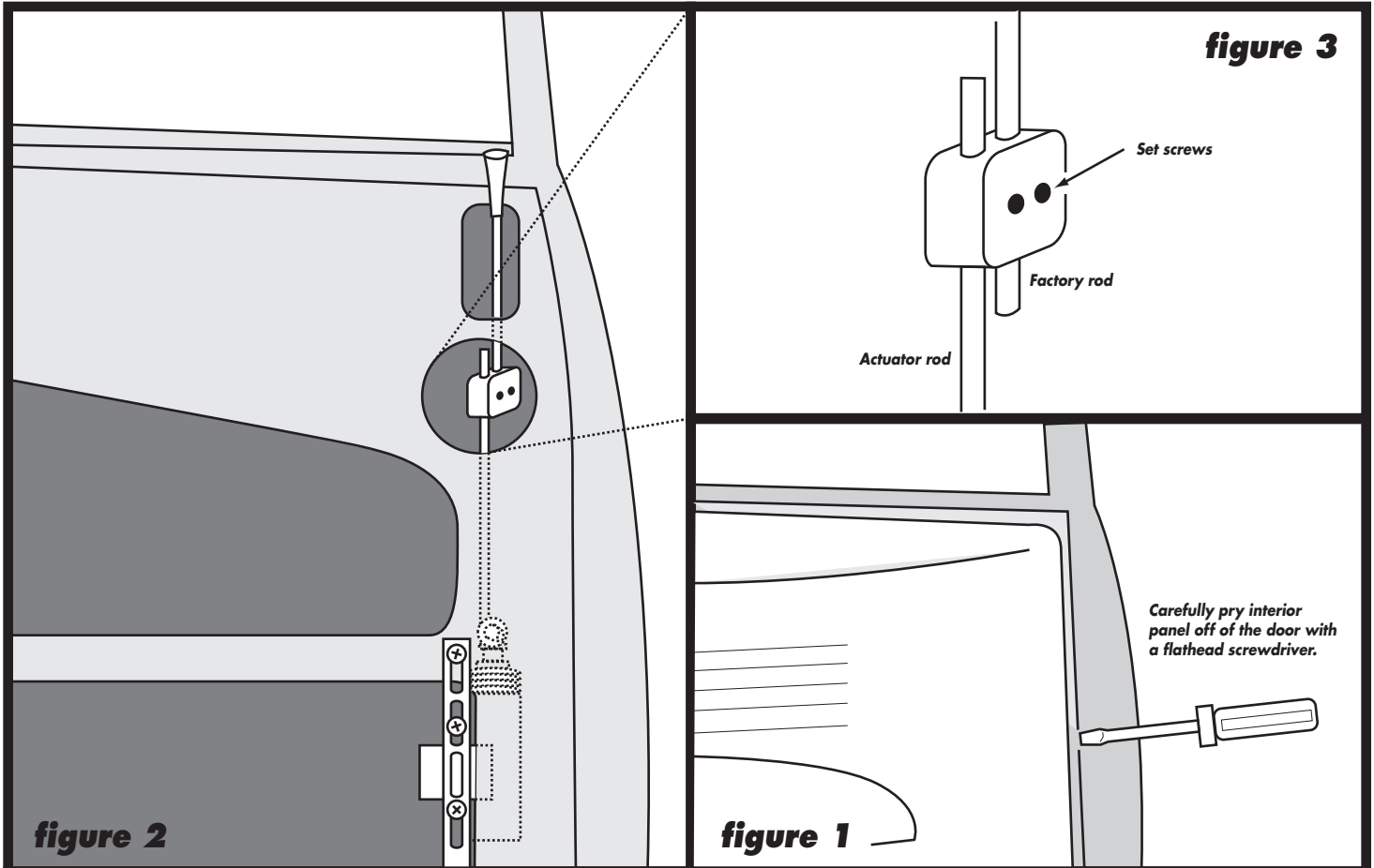
Check out these great AutoLoc accessories...

REMOTE KEYLESS ENTRY SYSTEM


KL550, KL600, KL700, KL1000, KL1600, KL1800

Take control with Autoloc's new line of remote keyless entry systems. Aavailable in 5, 6, 7, 10, 16, and 18 channel configurations!

From each of the two included 4 button remote transmitters you can control just about any eletrical device you have installed on your vehicle. This includes: power windows, power door locks, sunroofs, headlights, dome light, alarm system, neon graound effects, and much much more!

Each available channel offers programmable pulse times, allowing you to choose between pulse, constant, and latching outputs. Each system also comes with AutoLoc's exclusive shaved door handle mode which increases efficiency of solenoids and actuators.

Like all AutoLoc products, all remote keyless entry systems are easy to install come with a limited lifetime warranty.

IGNITION SENSOR SWITCH
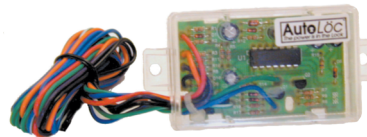
IS1000

Add ignition controlled locking to any power door lock system. This sensor switch will unlock your doors when the ignition is switched to the "OFF" position and automatically lock the doors when the ignition is in the "ON" position. This feature is most ideal for families with children. The IS 1000 also offers a pulse generator mode which allows you to create double pulses from a single pulse. Ideal for VWs and other double pulse locking systems.
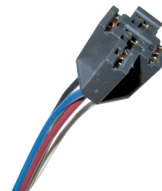
30/40 AMP Relay

RA1000

High quality 30/40 amp relay not only make installation easier, it is sometimes required!

This heavy duty relay is the best choice for any sort of 12-volt wiring project. It will never get stuck or short out on you. Combine the RA1000 relays with the RAS relay sockets, and you've just saved yourself hours of wiring time!

Relay Sockets

RAS12 (pictured)

This heavy duty relay sockets makes your installation a snap! Simply plug in any standard 5 pin relay and your ready to go.

RASDUAL

This dual relay sockets makes your installation a snap! Simply plug in any 2 standard 5 pin relay and your ready to go.

RASKILL

This heavy duty relay socket offers a built in diode for easy starter kill wiring. Simply plug in any standard 5 pin relay and your ready to go.