

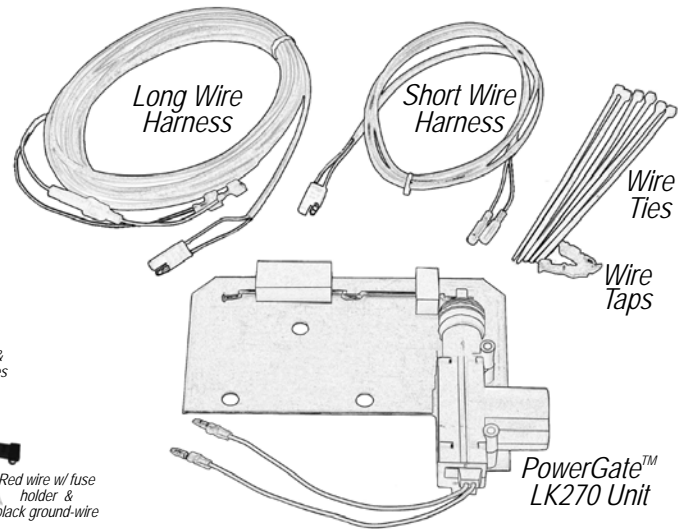
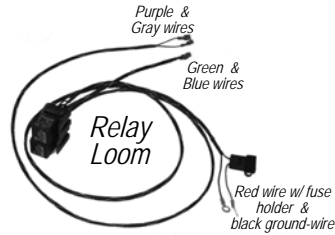
# POWERGATE™

ELECTRIC TAILGATE LOCK

## INSTALLATION INSTRUCTIONS

Chevy / GMC  
Full Size  
1999-2006

Part # LK270



### STEP 1: Remove Handle Assembly

With the tailgate closed, remove the plastic bezel around the tailgate handle by pulling down and out on the top edge with fingers. Remove three 13 mm bolts from the handle assembly inside the tailgate. Let the handle assembly drop down enough to rotate the plastic rod retainers so that the rods can be disconnected and removed. Remove the handle assembly.

### STEP 2: Install PowerGate™

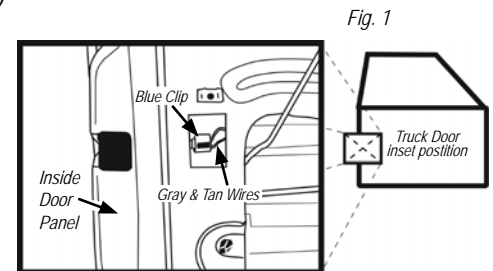
Pull on the rods enough to open the tailgate. Route the short wire harness through the drain hole at the bottom of the tailgate and up through the latch opening such that the black plug is outside and below the tailgate. Close the tailgate. Connect the two wires in the tailgate to the two wires located on the PowerGate motor. Put the PowerGate and the handle assembly into the tailgate. The lock plate assembly is mounted under the handle. The lock should be assembled in the lock position. Some minor right-or-left adjustment of the lock bar may be necessary to accommodate slight differences in tailgates. Re-install the three screws through the PowerGate™ and into the handle assembly and tighten.

### STEP 3: Route Long Wire Harness, Relay Loom and Connect Wires

Plug the long wire harness to the short wire harness. Route the long wire harness underneath the driver's side of the truck to the firewall. Using the Relay Loom on the drivers side of the engine compartment thread the purple and gray wire loom through the fire wall of the truck. (Try to follow OEM wire routes whenever possible.)

**1999 to 2002:** Use the **gray** and **tan** wires located at the driver's side end of the dash in the fuse panel. Attach one blue wire tap to the **gray** and one blue wiretap to the **tan**.

**2003-2006:** It is necessary to remove the door panel on the driver's side and use the Gray and Tan wires on the 2-position plug at the door lock actuator. (see Figure 1) Attach one blue wiretap to the **Gray** and one to the **Tan** wires. Note: there are no wires under the dash that can be used. Route the PowerGate™ wire harness through the rubber boot and into the door.



Install one blue wiretap on each of the two wires indicated above. Plug the purple and gray wires to the wire taps. Return to the engine compartment and plug the long wire harness from the PowerGate unit to the Relay loom with the green and blue wires. (Testing will be done later to insure appropriate connections)

Inside the engine compartment locate the positive post next to the fuse panel on the fender well. Open the cap for the positive post, remove the nut and slip the red wire with the fuse holder on that post. Re-install the nut and close the cap. Find the ground-wire bolt on the driver side fender well and remove it. Install the black wire to the ground-wire bolt and make sure you get all of the black ground wires that were there when you started, re-install the bolt.

Return to the cab and make sure the door locks and tailgate lock work. Test the lock by locking and unlocking your power door locks. If the lock/unlock direction of the PowerGate does not correspond with the direction of your door locks then switch the purple and gray loom wires where they are attached to the door lock wires and test again.

### STEP 4: Secure Wires

Re-install door panel, if removed. Install the plastic bezel around the tailgate latch. Secure all wires with wire ties provided so that there are no loose, dangling ends.