

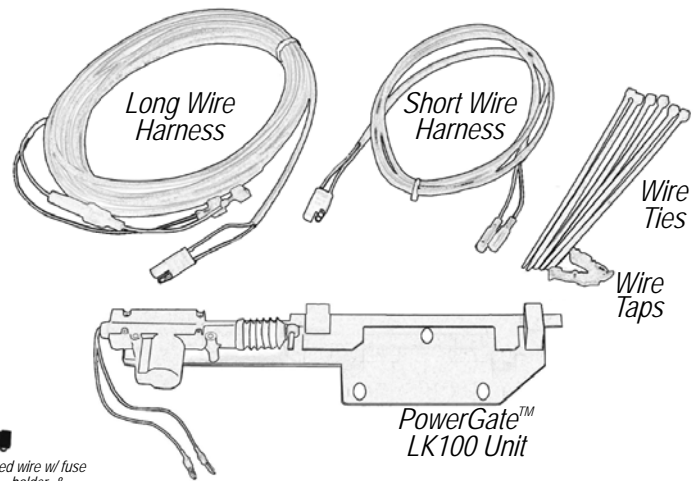
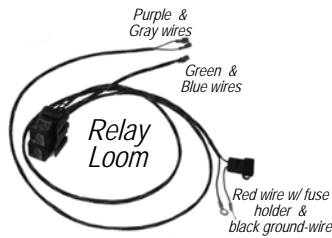
# POWERGATE™

ELECTRIC TAILGATE LOCK

## INSTALLATION INSTRUCTIONS

Dodge Dakota  
1997-2005

Part # LK100



### STEP 1: Remove Handle Assembly

With the tailgate closed, remove the plastic bezel around the tailgate handle by pulling up and out on the bottom edge with fingers. Remove three screws from the handle assembly inside the tailgate using a Torx T-30 driver. 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 bottom center drain slot in 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. Insert the PowerGate and then the handle assembly into the tailgate. Install the three screws through the PowerGate and into the handle assembly and tighten. Slide the stainless steel bar with your finger to insure the bar secures the handle assembly. Adjust the lock so that the bar touches the handle. A slight drag should occur between the handle and lock bar. This is easiest when the bar is in the lock position and the handle finger tight. Re-install the rods into the plastic rod retainers of the handle assembly.

### STEP 3: Route Long Wire Harness, Relay Loom Wires 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.)

Secure the wire, leaving enough wire in the tailgate and in the cab to make your connections.

#### 1997-2004 Dakota:

Locate the **orange w/black** and **pink w/black** wires on the driver's side under the dash by the parking brake pedal. Attach one blue wire tap to the **orange w/black** and one blue wire tap to the **pink w/black wires**.

#### 2005 Dakota:

Locate the **tan w/light green stripe** and **Solid light green** wires on the driver's side under the dash by the parking brake pedal. Attach one blue wire tap to the **tan w/light green stripe** and one blue wire tap to the **Solid light green**.

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

Install the plastic bezel around the tailgate latch. Secure all wires with wire ties provided so that there are no loose, dangling ends.

