

# POWERGATE™

ELECTRIC TAILGATE LOCK

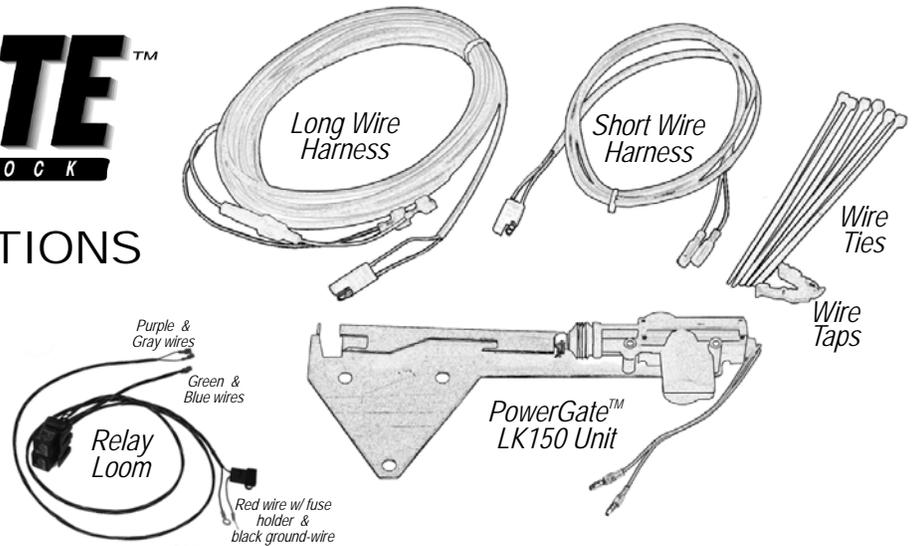
## INSTALLATION INSTRUCTIONS

Dodge RAM -

1994-2001

Dodge RAM 2500/3500 -  
2002

Part # LK150



### 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. Open the tailgate -- **DO NOT** close the tailgate until installation is complete. Remove the three screws that hold handle assembly 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™

Starting at the drain hole in the bottom of the tailgate, route the short wire harness through the latch opening so that the black plug is outside and below the tailgate. Connect the two wires in the tailgate to the two wires located on the PowerGate motor. Insert the PowerGate and the handle assembly into the tailgate. Install the three screws through the PowerGate and into the handle assembly and tighten. Slide the stainless steel bolt with your finger to insure the bolt secures the handle assembly. Adjust if necessary. 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.)

**For 1998 Dodge Ram only:** Locate the **orange w/black** and **pink w/black** wires or the **orange w/violet** and **pink w/violet** wires behind the driver's side kick panel just forward of the driver's side door. Either of these color schemes may be used.

**For all other models:** Locate the **orange w/brown** and **pink w/black** wires behind the driver's side kick panel just forward of the driver's side 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

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

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