

POWERGATE

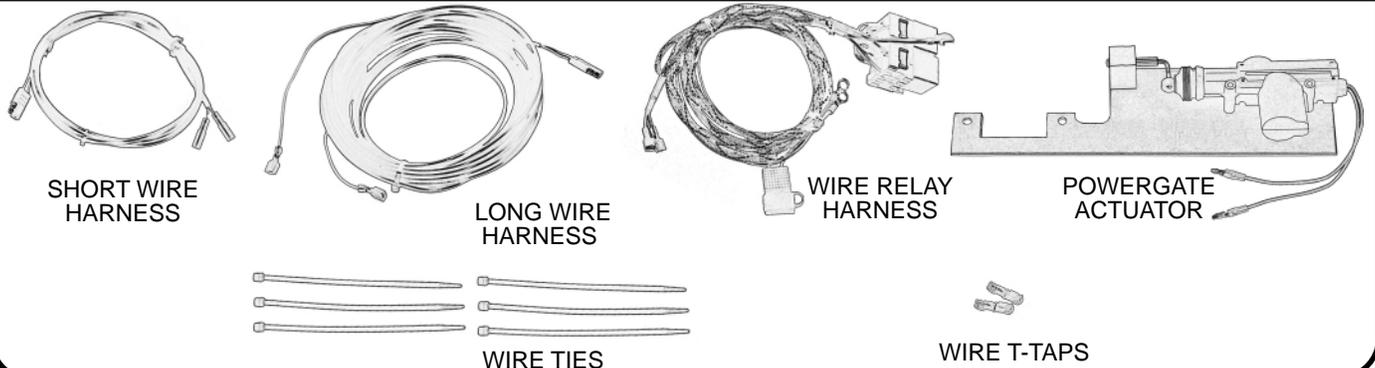
ELECTRIC TAILGATE LOCK

INSTALLATION INSTRUCTIONS

LK 170

- 2009 DODGE RAM 1500 •

PACKAGE CONTENTS:



TOOLS REQUIRED:

#10 Torx bit 8mm Socket 6" extension or nut driver is helpful

!! NOTE: BE SURE TO PROTECT ALL PAINTED SURFACES OF THE TRUCK !!

STEP 1 : INSTALL POWERGATE

With the tailgate open, remove the screws from the tailgate access panel using a #10 Torx driver. Remove the two (8mm) nuts that hold the handle assembly. Install PowerGate™ lock through the tailgate opening and over the studs of the handle assembly. Replace 8mm nuts and tighten. Slide lock bolt with your fingers to see that there is no interference and that the bolt locks the handle. Adjust if necessary.

STEP 2 : ROUTE WIRE HARNESS & RELAY LOOM WIRES

Route the short wire harness through the drain hole in the bottom of tailgate and connect it to PowerGate. 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.)

STEP 3 : LOCATE & CONNECT WIRES

2009 RAM 1500

Locate the TAN/ GREEN and TAN/ WHITE wires on the driver's side under the dash by the brake pedal. The wires are in the bigger of the 3 harnesses.

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) (continued on next page...)

STEP 3 : LOCATE & CONNECT WIRES (CONTINUED)

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 tailgate access panel. Secure all wires with wire ties provided so that there are no loose, dangling ends.

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