

POWERGATE™

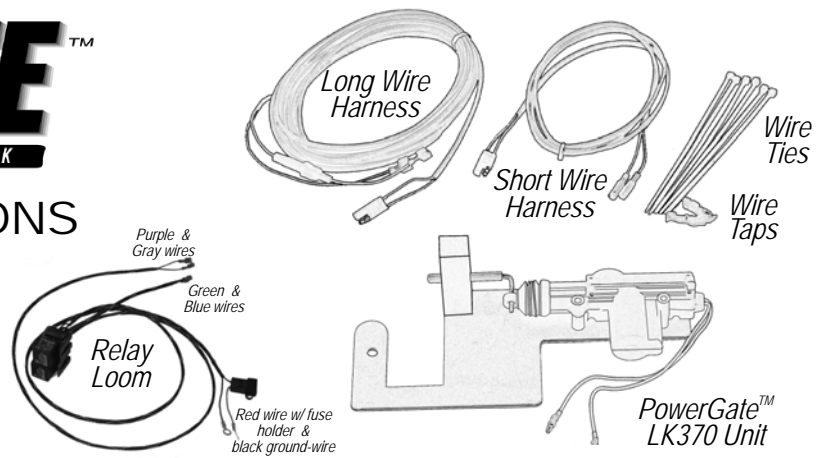
ELECTRIC TAILGATE LOCK

INSTALLATION INSTRUCTIONS

Ford F-150/250 Light Duty &
Super Crew - 1997 to 2010

Ford Super Duty - 1999 to 2005

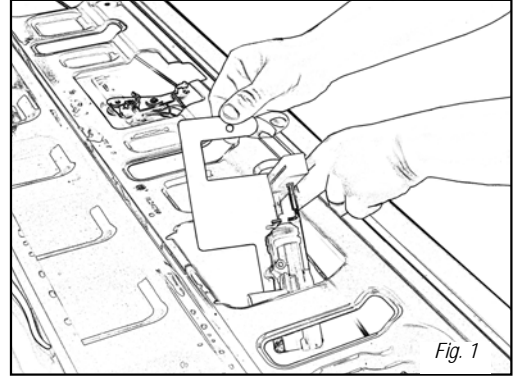
Part # LK370



STEP 1: Install PowerGate™

Note: If your truck is equipped with an OEM manual door lock, install the PowerGate with the OEM manual lock in the unlocked position.

With tailgate open, remove the screws from the tailgate access panel using a Torx T-30 screwdriver. Remove the 10mm nut on the left side of the handle assembly. In order to get the powergate in the correct position you will need to temporarily remove the lock bar rod from the plastic rod retainer and move it aside. This will make it possible to maneuver the powergate assembly underneath the bar. Once the powergate is in place you can reconnect the lock bar rod into the rod retainer. Install PowerGate lock through the tailgate opening and over stud on left side of handle assembly. (see Fig. 1) Replace the 10mm nut and tighten. Slide the lock bolt with your fingers to insure that there is no interference and that the bolt works properly. Adjust if necessary.



STEP 2: Route the 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 and Connect Wires

2008-2010 F150/F250 Light Duty & Supercrew	1997-2007 F150/250 Light Duty & Supercrew	2004- 2005 Super Duty	1999- 2003 Super Duty
Route the wires through the firewall on the drivers side. Locate the blue w/ green and gray w/ brown wires inside the drivers side kick panel. Install one blue wire tap on the blue w/ green stripe wire and one blue wire tap on the gray w/ brown stripe wire.	Run wires under the dash across to the passengers' side of the truck carefully remove the passengers' side kick-panel to find the wire harness with the pink w/black wire and the red w/orange wire. Install one blue wire tap on the pink w/black and one blue wire tap on the red w/orange wire for these trucks.	Run wires under the dash across to the passengers' side of the truck carefully remove the passengers' side sill plate near the base of the seat belt to find the wire harness with the red w/ orange stripe and pink w/ black stripe wires. Install one blue wire tap on the red w/ orange stripe wire and one blue wire tap on the pink w/ black stripe wire.	Route the wires through the firewall on the drivers side. Locate the red w/ orange stripe and pink w/ black stripe wires under the dash above the steering column. Install one blue wire tap on the red w/ orange stripe wire and one blue wire tap on the pink w/ black stripe wire.

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



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