

PUTCO 2004-2006 FORD F-150 (4 DOOR) #90114 LIQUID SOLID BILLET DOOR HANDLE INSTRUCTION SHEET

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PUTCO Inc. - 216 West First Street - Story City, Iowa 50248

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION AND TO CHECK TO SEE THAT ALL PARTS ARE INCLUDED.

The installation of the replacement door handles are for persons with advanced auto-body skills and is recommended to have them professionally installed.

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Driver Door Handle w/keyhole
2	1	Driver Door Handle w/o keyhole
3	2	Pass. Door Handles w/o keyholes

Recommended Tools

Safety Tools	
Eye Protection	
Installation Tools	
Flat Head Screw Driver	
Needle Nose Pliers	
10mm Socket	
8mm Socket	
7mm Socket	
6mm Socket	
5.5mm Socket	
Ratchet	
Ratchet Extensions	
Masking Tape	

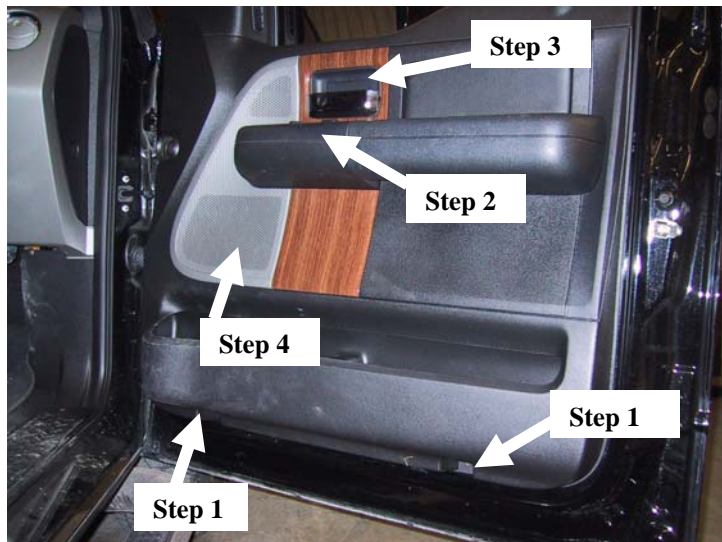


Figure B-1



Figure B-2

A. Pre-installation Preparation

- Step 1:** Verify kit contents.
- Step 2:** Remove the door handles from the box.
- Step 3:** Make sure the window is up and the door is unlocked.

B. Remove Door Paneling

- Step 1:** Remove the two hex head screws at the bottom of the door. **(Fig. B-1)**
- Step 2:** Remove the top of the armrest with controls by using a screw driver to pop it off then remove the hex head screw on the inside and unhook wiring harness. **(Fig. B-1 & B-2)**

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➔ **Step 3:** Remove the plastic cover by the door handle and remove the two hex head screws. (Fig. B-1)

➔ **Step 4:** Remove the plastic mesh cover that covers the speaker by using a screw driver to pop the cover off. (Fig. B-1)

➔ **Step 5:** Remove the speaker, it is held in by four hex head screws. Unhook the wiring harness. (Fig. B-2)

➔ **Step 6:** Remove the bottom two plastic plugs that the speaker screws into. (Fig. B-3)

➔ **Step 7:** Unhook all remaining wiring harnesses.

STOP **Step 8:** Pull door panel straight up and out, detach the door handle cable and then your door panel is free.



Figure B-3

C. Remove Door Handle w/o Keyhole

➔ **Step 1:** Place masking tape around the perimeter of the door handle to protect the paint.

➔ **Step 2:** Peel the plastic back just enough so you can access the door handle. (Fig. C-1)

➔ **Step 3:** Remove the two plastic plugs on the outside of the door. (Fig. C-2)

➔ **Step 4:** Remove the two 10mm screws and two 10mm nuts. (Fig. C-2)

➔ **Step 5:** Unclip the pull rod that is attached to the green clip, use a flat bladed tool to release the rod from the clip, you can access this clip from inside of the door. (Fig. C-3)

➔ **Step 6:** Remove door handle from the door.

STOP **Step 7:** Remove pull rod by unthreading it from the door handle.



Figure C-1

D. Remove Door Handle with Keyhole

➔ **Step 1:** To remove the door handle with keyhole follow steps C-1 through C-5.

➔ **Step 2:** Remove the lock rod from the plastic clip.

STOP **Step 3:** Remove door handle.

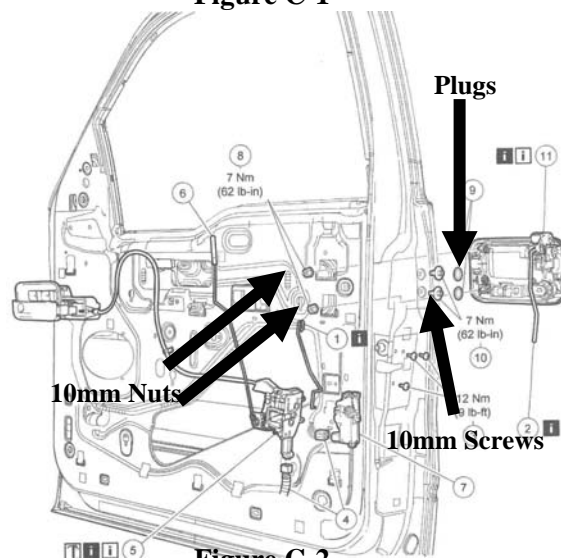


Figure C-2

E. Remove & Insert Key Lock from Factory Door

➔ **Step 1:** Remove pin from the back side of the door handle. (Fig. E-1)

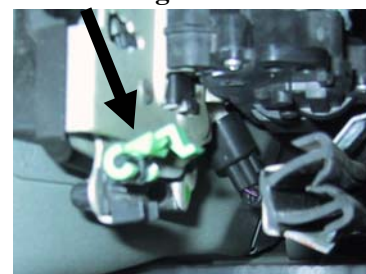




Figure C-3

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 **Step 2:** Push the lock through the opening so the lock is free from the door handle.

 **Step 3:** Insert the lock into your replacement door handle the same way you removed it.

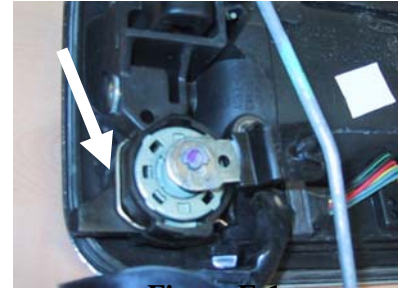





Figure E-1


 **Step 4:** Test to make sure the lock works properly.


F. Install Replacement Door Handle


 **Step 1:** Install pull rod on to the replacement door handle.


 **Step 2:** Insert handle into door and attach pull rod to green clip. **(Fig. C-3)**

 **Step 3:** For the doors with the key locks make sure to attach the lock rod to the plastic clip that attaches to your lock.

 **Step 4:** Install the two 10mm nuts and two 10mm screws that hold the handle in place, make sure everything is finger tight. **(Fig. C-2)**


 **Step 5:** Test the door handle by opening and closing the door but first make sure the door handle and all of its components are attached.


 **Step 6:** Tighten all of the screws and nuts that attach to the door handle.
(NOTE: DO NOT OVER TIGHTEN)

 **Step 7:** Test the door once more to check the opening, closing, and the door lock work properly. If you have problems with the lock, or the door opening and closing, check to make sure the lock rod and pull rod are both attached to the handle.



G. Reinstall Door Panel

 **Step 1:** Reinstall your door panel the same way you took it apart. Use step B-1 through B-8 for a guide to the installation of your door panel.

 **Step 2:** Test all of the electrical components.

 **Step 3:** To install the remaining door handles follow the same steps you used above for the previous door.

LIMITED WARRANTY

Putco guarantees its Stainless Steel and Aluminum products against defects in workmanship and material for as long as you own your vehicle. Black products have a 90-day warranty on the painted surface. Any defects resulting from faulty material or workmanship will be warranted by Putco and repaired or replaced at our discretion. Putco assumes no extra labor costs. Damages caused by freight carriers, improper installation, misuse, collision, or neglect will not be warranted by Putco.