



## **TE-FTGCHD/TE-FCGCHD (CCD) TE-FTGC/TE-FCGC (CMOS)**

**FORD F150 (2004-2014)**

Excludes 2004 Heritage model

### **Replacement Tailgate Handle with Camera**

Removal and Installation Instructions

**Tools Needed:** T30 torx bit, ratchet, 10mm socket.

**NOTE:** Some trucks will have 6 or 8 torx screws on bed liner cover (If equipped).

1. Start by lowering the tailgate and remove the (6 or 8) T30 torx screws from the bed liner, remove liner.

**NOTE:** if your truck doesn't have a liner please advance to the next step

2. You will see (2) torx screws on the tailgate access panel. These must be removed to gain access to the tailgate handle.
3. After the removal of the (2) T30 torx screws, remove the tailgate access panel and place aside.
4. Now that you have access to the handle, you will see (2) 10mm nuts securing the handle in place, remove these nuts.

5. Gently remove handle by lifting the handle from the outside and slowly working it out.
6. Now that the handle is out of the tailgate, you will have to swap the locking mechanism out of the old handle to the new one.
7. Start by removing the securing pin on the locking mechanism, and then remove mechanism from handle.
8. Now place the locking mechanism in the new handle and secure it with the new securing pin.
9. Next, remove taillight and splice the red power wire from the camera's harness into the reverse light's 12v positive wire. This will trigger the camera to turn on when vehicle is placed in reverse. Attach the black ground wire to a metal non-painted surface.
10. Wires can now be fully routed from the tailgate to the cab of the truck and to a video source. The Yellow RCA will plug into the input of your video source; the Red wire goes to the rear camera input trigger wire on your video source.

**NOTE:** Test to make sure video is working before securing new handle.

**NOTE:** If desired parking lines can be removed by attaching the green wires together.

11. Now gently reinsert new tailgate handle (avoid pinching cable running to camera).
12. Realign the handle's post with the tailgate's opening mechanism and reattach 10mm nuts to secure handle in tailgate.
13. Reattach the tailgate's access panel and bed liner cover to complete your install.



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