



TE-FTGC/TE-FCTGC (CMOS)

FORD F150 (2004-2014)

Note: Excludes 2004 Heritage model

Replacement Tailgate Handle with Camera

Removal and Installation Instructions

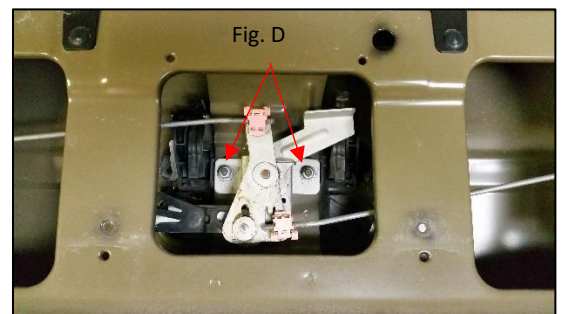
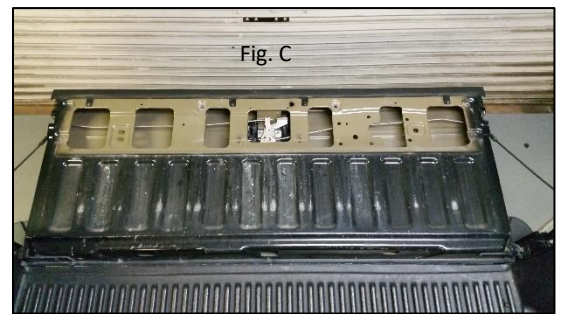
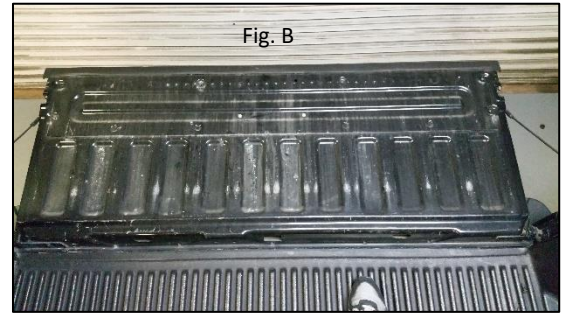
Tools Needed: T30 torx bit, ratchet, 10mm socket.

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. (Fig. A)

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

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



7. Start by removing the securing pin on the locking mechanism, and then remove mechanism from handle. Now place the locking mechanism in the new handle and secure it with the new securing pin. (Fig. F)
8. Now gently reinsert new tailgate handle.
9. Remove taillight and splice the red camera wire 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. Red wire goes to the rear camera input trigger wire on your video source, plug RCA to your video screen input



Fig. F

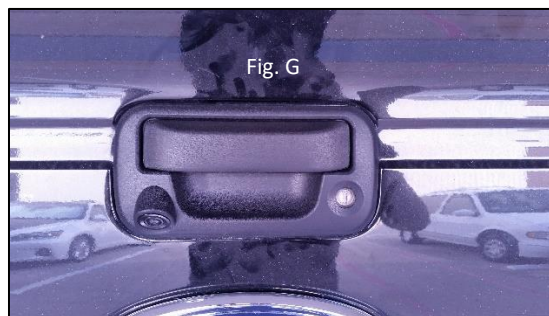


Fig. G

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

NOTE: If desired, parking lines can be removed by cutting the green loop wire.

NOTE: Avoid pinching cable running to camera

11. Realign the handle's post with the tailgate's opening mechanism and reattach 10mm nuts to secure handle in tailgate.
12. Plug wiring harness into tailgate handle's camera and run harness through truck to a video source on a monitor.
13. Reattach the tailgate's access panel and bed liner cover to complete your install. (Fig. G)



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Sensor	CMOS ¼ sensor
Resolution	400 TV Lines
Field of view	Diagonal 185°, Horizontal 150°, Vertical 110°
Illumination	.01 Lux
IP rating	IP69
Parking Lines	<u>Defeatable</u>
Extension cable	26'
TV system	NTSC
Working Temp	-20°C ~ 70°C
Warranty	3 years