

Ford Truck Replacement LED Third Brake Light with Camera 2015-2019

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APPLICATIONS

Ford	
F-150	2015-2019
Ranger	2019
SUPERDUTY	2017-2019

PART COMPONENTS

- A) Third brake light • B) Extension harness with power plug • C) RCA Adapter

A

B

C


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TOOLS REQUIRED

- T-20 screwdriver • wire stripping tool
- Cutting tool • Tape • Pry tool

Attention! Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

BRAKE LIGHT INSTALLATION

Brake Light Installation:

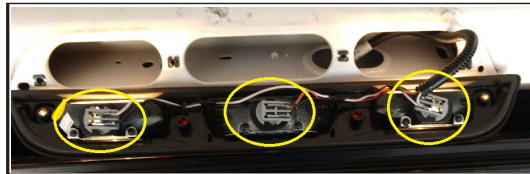
1. Using a T-20 screw driver, remove the four screws shown in Figure A.
2. Twist out the three light bulbs from the third brake like shown in Figure B. Be careful, the bulbs will probably be hot.
3. Remove the light bulbs as they will not be needed with the new replacement third brake light.
4. Splice in the wire from the new brake light into the factory wiring. (Figure C)

Verify wiring with a digital multi-meter

- a. RED wire from the new light to ORANGE wire (brake)
- b. WHITE wire from the new light to BLACK wire (ground)
- c. YELLOW wire from the new light to WHITE wire (reverse)
- d. There is a white loop on the camera wiring that should be cut. This loop removes the parking lines and mirrors the image. If these functions are desired, connect the two short white wires. (Figure D)



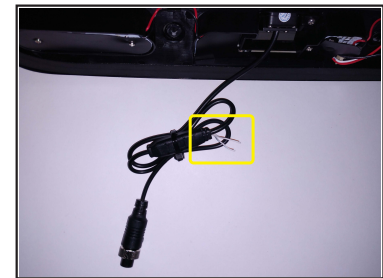
(Figure A)



(Figure B)



(Figure C)



(Figure D)

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BRAKE LIGHT INSTALLATION (CONT.)

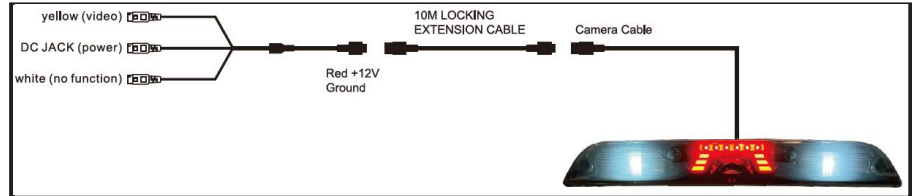
Brake Light Installation (contin.):

5. Re-install the third brake light with the factory supplied Torx screws.
6. Run the wiring through the cab of the truck to the display monitor.

If using a commercial monitor with the 4-pin aviation connector, there is no need for the adapters provided.

If using a RCA input monitor or aftermarket radio use the provided adapters for RCA video output and power to the camera.

7. Test the functions of the new LED third brake light.



(Figure E)

SPECIFICATIONS	
Current Consumption	MAX: 150 mA
Sensor	Super CMOS
Resolution	180
View angle	170° (diagonal)
Effective Pixels	648 X 488
TV System	NTSC
Min. Illumination	0 LUX with IR night vision
Video Output	1.0 V 75 ohm load
Working Voltage	DC 9-16V
LED Brake Light	DC 9-16V
Water Resistant	IP67-68
Operating Temperature	-30° C to +70°

(Figure F)



TE-FDCC1

INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

1-800-253-TECH



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



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