



KIT COMPONENTS

- A) Camera and wiring (2) • B) Camera pods (2)

A



B



Side View Camera Kit Fits Ford F-150 2015-2020

Visit iBeamUSA.com for more detailed information about the product and up-to-date vehicle specific applications

Features:

- Field of view: 170° diagonal / 110° horizontal / 90° vertical
- 0.6 lux night vision
- Color: Black
- IP rating: IP67
- Snaps directly into the factory side mirror panel
- Compatible with OEM or aftermarket screens (AXAC-FD1 optional)
- 3-year warranty

Includes:

- (2) Side-mirror camera pods
- (2) Flush-mount cameras (one per pod)
- All necessary wiring

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TOOLS REQUIRED

- 7mm screwdriver • Cutting tool
- File or roto tool • Tape • Pry tool

Attention! When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

CAMERA INSTALLATION

Radio removal:

1. Remove the panel highlighted from the pocket area (Figure A)
2. Remove (2) 7mm screws exposed within the cavities forward of the center channel speaker. (Figure B)
3. Pop up the pocket panel and remove (2) 7mm screws from the top of the front facing radio panel. (Figure C)
4. Remove (2) 7mm screws securing the screen. (Figure D)

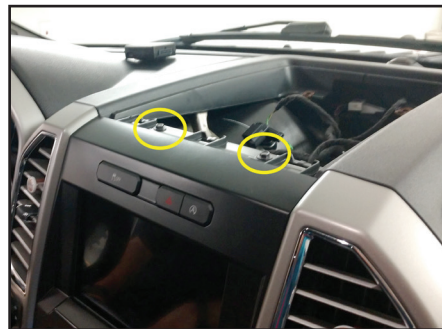
Note: 4.2" screens have 4 screws;
8" screens have 6 screws.

5. 4.2" screen models use a 12-pin connector; 8" screen models a 52-pin connector. Locate the appropriate connector provided with the kit and disregard the other.

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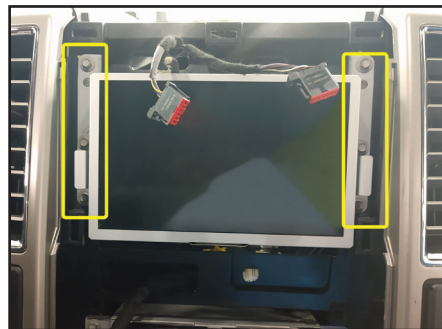
(Figure A)



(Figure C)



(Figure B)



(Figure D)

CAMERA INSTALLATION (CONT.)

Door panel removal:

6. There are (7) 7mm screws to remove the door panel. (Figure E)
7. It is suggested for the speaker be removed to provide easier access to run the wiring into the vehicle. There are (4) 7mm screws to remove the speaker. (Figure F)
8. Remove the mirror cover, this is where the provided camera pod will be placed. (Figure G)



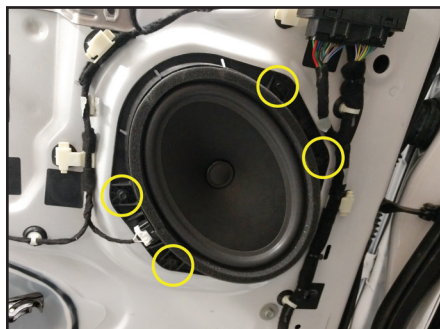
(Figure E)



(Figure G)

Installation:

9. Run the camera wire into the pod, and run the wire in thru the mirror into the door panel. There is some foam in the mirror that will need to be either removed or cut out to gain access to the door panel. It is suggested to cut a hole on the inside of the door panel foam to gain access. (Figure H)



(Figure F)

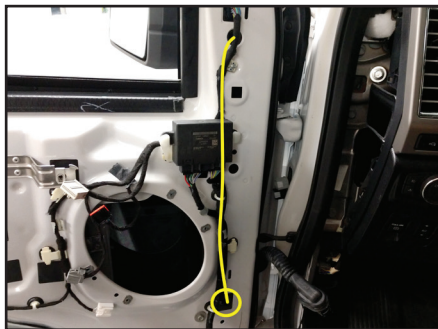


(Figure H)

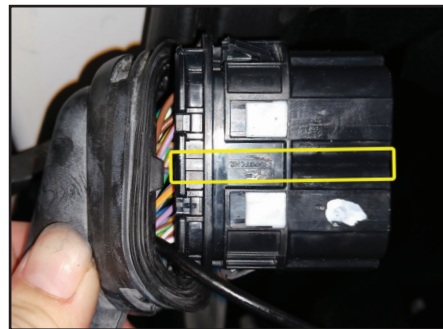
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10. After the wire from the camera is ran into the interior of the door panel, follow the route that is shown in the picture below. Cut a small hole or slit in the cover that is also shown in the picture below, indicated by a circle. This will allow easier access to the boot of the door. (Figure I)
11. Pop off the rubber cover from the boot in the door jamb to gain access to the connector inside. There are (2) clips located at the top and bottom of the connector for removal. Remove the connector from the truck, then unplug the (2) connectors within the connector. (Figure J)
12. Once the wire is ran through the boot, the connector will need to be modified to allow the camera cable through. Care must be taken so that the connector and rubber boot will stay intact to ensure that the connector remains water resistant like factory. Reference the highlighted area below. This is where a channel will need to be made to allow the camera cable through. It is suggested for this be carefully done with a either a file or a moto tool. Placing a piece of tape over the wire while pushing the connector back into the vehicle is also suggested to avoid it from coming loose and getting jammed up during the reconnection process. (Figures K & L)

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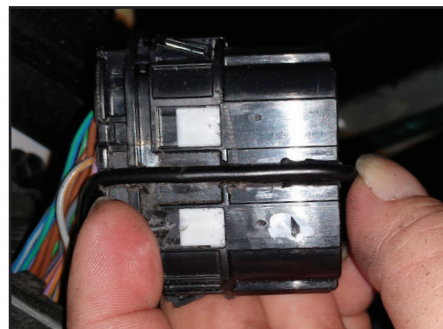
(Figure I)



(Figure K)



(Figure J)



(Figure L)

CAMERA INSTALLATION & SPECIFICATIONS

13. After the boot is back in place and the connectors are plugged back into the connector, run the camera cable to the radio opening. Duplicate the same process for the opposite door.

Attention!

The T-SVFD cameras will work with an aftermarket radio or the OE Radio.

OE Radio:

To use the TE-SVD cameras with the OE 4.2" or 8" radio, you will need to use the Axxess AXAC-FD1 (Figure M). The AXAC-FD1 will allow the cameras to activate with the turn signals via CAN messaging and display on the OE screen.



(Figure M)

Aftermarket Radio:

The TE-SVFD cameras can plug directly into an aftermarket radio with multiple video inputs. If your aftermarket radio DOES NOT have multiple camera inputs you can install the Axxess AXAC-FD1 (Figure M). The AXAC-FD1 will allow the cameras to activate with the turn signals via CAN messaging and display on your aftermarket radio.

Sensor	CMOS 7080
Resolution	480 TV Lines
Field of view	Diagonal 170°, Horizontal 110°, Vertical 90°
Illumination	0.6 Lux
IP rating	IP67
Parking Lines	None
Extension cable	26'
TV system	NTSC
Working Temp	-20°C ~ 70°C
Warranty	3 years

NOTES

NOTES



TE-SVFD
INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



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 - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP
certified technicians**