



## Jeep Gladiator JT 2020-UP\* Replacement Camera Kit

\*Visit [Metraonline.com](http://Metraonline.com) for more detailed information about the product and up-to-date vehicle specific applications.

### Product Features

- Designed to replace the LVDS camera on Jeep Gladiator
- Direct OE replacement
- ABS brackets
- Resolution: 550 TV lines
- Viewing Angle: 160 degrees
- Improved power circuit

A) Camera    B) Bracket - 1 and 2    C) Harness

A



B



C



### TABLE OF CONTENTS

Camera Removal.....	2-4
Assembly .....	5
Wiring .....	6
Specifications .....	7

### TOOLS REQUIRED

- 5/32 Allen bit
- Torx T6H bit
- Zip-ties

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

## CAMERA REMOVAL

1. Remove the eight 5/32 bit screws from the tailgate panel. (Figure A)
2. Remove the panel and safely set aside.
3. Remove the two 5/32 bit screws from the smaller blue panel. (Figure B)
4. Remove the panel and safely set aside.

NOTE: Some trucks that do not have a bed cover may look different. Make sure to safely remove all screws and panels and set aside before lifting up the tailgate.

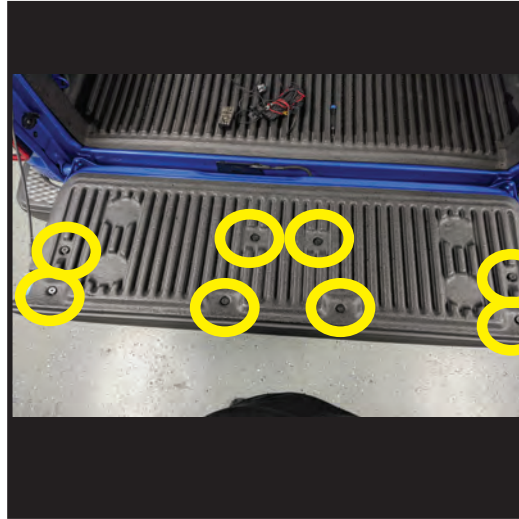


Figure A



Figure B

## CAMERA REMOVAL (CONT.)

1. Unplug the pink camera cable and set aside. For this install the pink cable will not be used so iBEAM suggests ziptieing the cable back so there is no rattle in the tailgate.
2. Remove the retention clip around the camera. Slide in the direction of the arrow and set aside, this will be needed this later when installing the new camera.
3. There is a clip below the area highlighted in Figure B. Press that clip in and slide the camera out towards the front side of the tailgate.

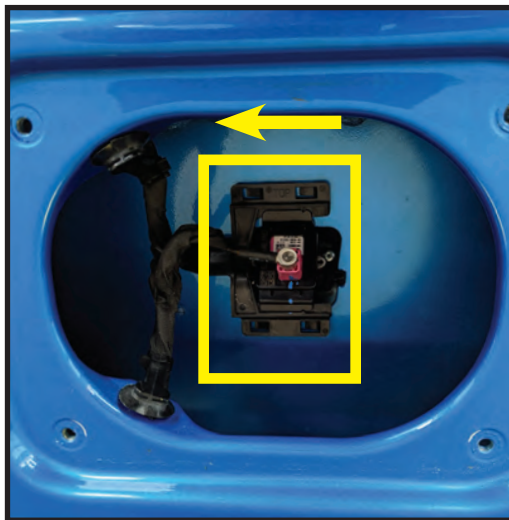


Figure A



Figure B

## CAMERA REMOVAL (CONT.)

1. This iBEAM kit covers the two options equipped on the Jeep Gladiator.
  - Figure A reverse or backup camera, The bracket with the number 1 is for the backup camera version.
  - Figure B surround view or 360, The bracket with the number 2 is for the surround view version.

NOTE: This kit does not RETAIN the 360 system. It replaces the backup camera of the system. The 360 or surround view system will be lost.

2. Both types of cameras are removed the same way. Remove the three torx T6H screws from the back of the camera housing.
3. Remove the bracket and camera. Retain if the the system will need to go back to factory.



Figure A

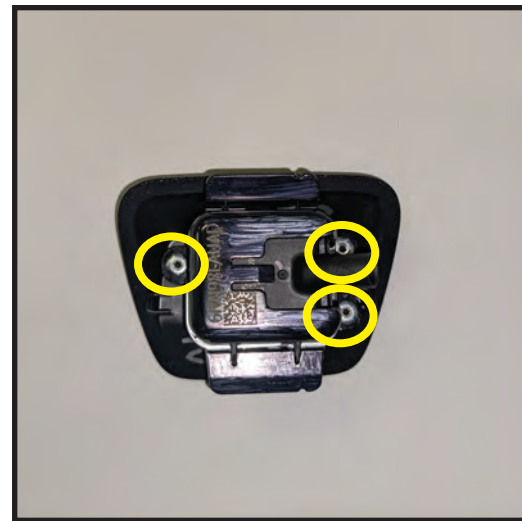


Figure B

## CAMERA ASSEMBLY

1. Place the wire from the aftermarket camera through the hole between the numbers and the arrow.
2. Keep the orientation correct as to not mount the camera incorrectly. The top of the factory housing is the longer part of the housing. The top of the camera is indicated by the QC sticker and the top of the bracket is indicated by the arrow pointing towards the top of the factory housing.
3. Place the camera in the bracket by running the wire through the slot and line up the mounting locations on the bracket to the factory housing.
4. Replace the 3 factory screws. The positions differ depending on the factory backup camera (Figure A) or surround view or 360 camera (Figure B).



Figure A



Figure B

## WIRING

1. Re-assemble the camera into the tailgate.
2. Run the wire, following the old camera wiring from the tailgate to the truck bed. (Figure A)
3. Once inside the vehicle, you can power the camera via a reverse trigger from the taillight. Connect the RED wire to the reverse trigger. Connect the BLACK wire to a chassis ground. The RED wire is also located at the opposite end of the harness with the YELLOW RCA if the user wants the camera powered with an accessory circuit.
4. Run the wire down the length of the vehicle carefully. Make sure not to run near any objects that can cause extreme heat or catch the wire. (Figure B)
5. Connect the YELLOW RCA to the aftermarket radio. There is a Red wire with the RCA, this can be used in two ways. This wire can bring a reverse trigger to the front of the vehicle if the camera is powered in the rear. This can also be used to power the camera in the front if the camera is desired to be powered via an accessory circuit.



Figure A



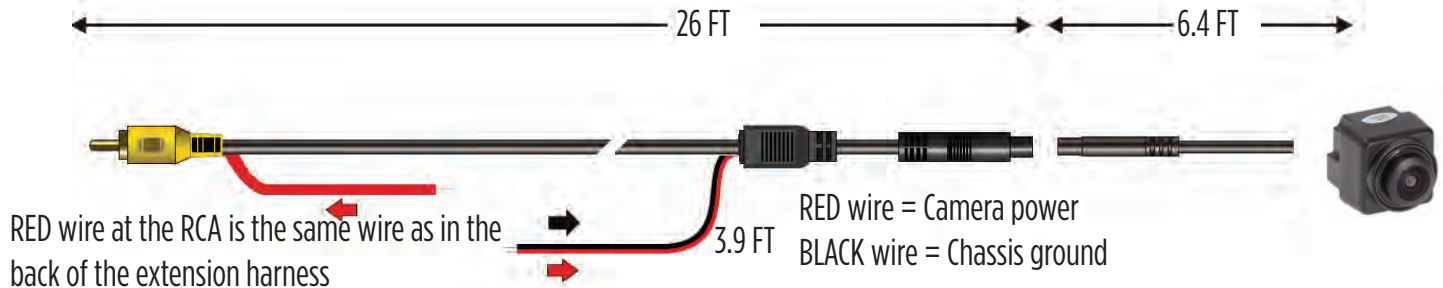
Figure B

## SPECIFICATIONS

- RCA output for aftermarket radios or monitors
- Can be viewed while driving with compatible monitor
- ABS plastic brackets to mount camera
- Direct OE replacement
- Resolution: 550 TV Lines
- Selectable parking lines
- Viewing angle - 160 degrees
- Water resistant - IP68

### Kit Includes

- 1 camera and extension cable
- Two camera mounting brackets
  - Bracket labeled 1 for vehicles with backup camera
  - Bracket labeled 2 for vehicles with surround or 360 systems(not retainable)
- Instruction booklet





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