

## INSTALLATION INSTRUCTIONS

### Jeep Wrangler Rear Vision Camera Kit 2007 – Current (Kit # 9002-8817)

#### Items Included in the Kit

Camera  
Chassis Harness  
Zip lock bag with 15 Wire Ties & 3 Push Nuts  
These Instructions  
22-pin white connector w/ video RCA  
OBDII Flash module

#### Required Tools & Supplies

T15 & T20 Torx Bits  
7mm & 10mm Sockets  
Phillips Screwdriver  
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Plastic Trim Removal Tool  
Soldering Iron, Solder, & Heat Shrink Tubing  
(RECOMMENDED) or T-taps as an alternate  
splicing method  
Electrical Tape



# Please read so you do not **VOID** the warranty:

**If the camera harness is run through the center on the camera bracket, it will cut the camera harness. This will void the warranty on the camera.**

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## Install Camera

**Step 1:** Loosen lug nuts to remove the spare tire.

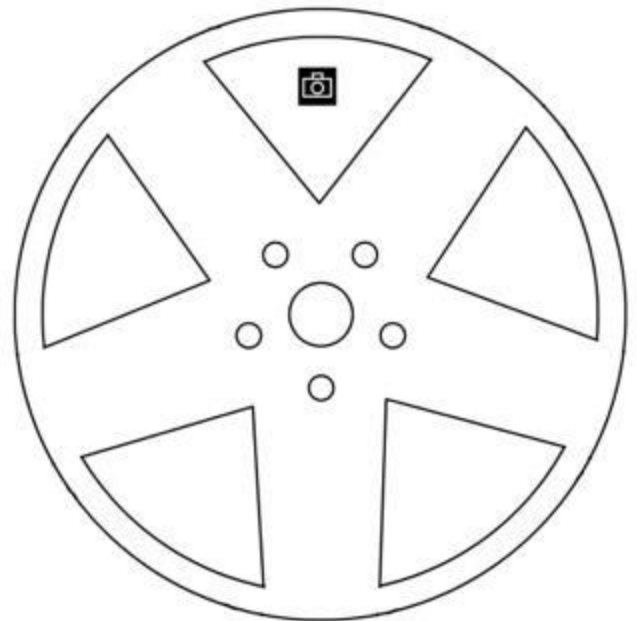


**Step 2:** Slide Camera on studs placing harness end inside of tire carrier. ***Do not run harness through the camera bracket opening.***

**Step 3:** Temporarily replace spare tire to check wheel clearance to Camera.



Wheel Alignment for Camera Clearance



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**Step 4:** Remove spare tire and slide (3) supplied Push Nuts on the studs.



**Step 7:** Pull harness through the rear gate openings.

### Install Chassis Harness

**Step 5:** Plug the Camera connector into the gray Chassis Harness connector, and insert RCA connector end of supplied Chassis Harness through the rear gate vent behind tire carrier.



**Step 6:** Using a plastic trim removal tool, remove interior panels on the inside of the rear gate.



**Step 8:** Use supplied Wire Ties to secure Chassis Harness to existing harness.



**Step 9:** Use supplied Wire Ties to secure Chassis Harness to fabric factory wire cover. CAUTION: Leave enough slack to allow the gate to open fully.



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**Step 10:** Use a T20 Torx bit to remove the subwoofer box. (If equipped)



**Step 11:** Using a plastic trim removal tool, pry off rear seat belt closeout.



**Step 12:** Using a plastic trim removal tool, remove rear access panel to expose 10mm bolt, and remove bolt.



**Step 13:** Pull out subwoofer box slightly to gain access to run Chassis Harness along existing harness

**Step 14:** Pull back the carpet and continue running Chassis Harness forward.



**Step 15:** Run Chassis Harness under B-pillar cover to passenger door sill. Use a plastic trim removal tool to remove the (2) plastic push pins and remove passenger sill plate/kick panel.



**Step 16:** Use a 10mm socket to remove the existing nut located behind the passenger kick panel and attach ground eyelet of Chassis Harness to chassis ground.



**Step 17:** In the factory wire harness located in the passenger's footwell, locate the White/Gray Reverse signal wire and splice Green Reverse wire from supplied



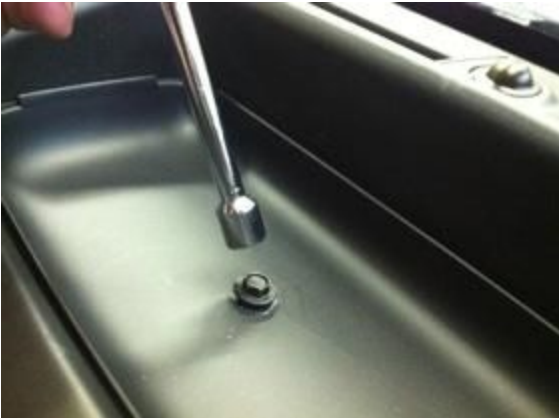
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Chassis Harness. RECOMMENDED: Use solder and cover with heat shrink tubing or use T-tabs as an alternate connection method.

**Step 18:** Remove rubber bin insert from top of the dash.



**Step 19:** Remove 7mm bolt.



**Step 20:** Using a plastic trim removal tool, remove the window switch panel.



**Step 21:** Disconnect harness from window switches.



**Step 22:** Remove 7mm bolt.



**Step 23:** Remove driver's knee bolster cover.



**Step 24:** Remove (2) 7mm bolts on both sides of the steering column.



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**Step 25:** Remove center stack/cluster surround.

**Step 26:** Remove glove box for access and run Chassis Harness toward the center of the dash.



**Step 27:** Using a plastic trim removal tool, remove HVAC panel.



**Step 28:** Run Red 12v+ ignition wire of supplied Chassis Harness to ignition controlled power point/cigarette lighter below HVAC panel.

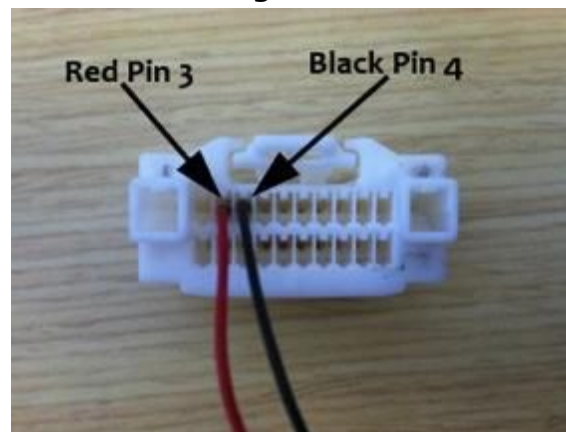
**Step 29:** Splice Red power wire and the green trigger wire from the chassis harness to Blue/Red wire on back of power point/cigarette lighter. RECOMMENDED: Use solder and cover with heat shrink tubing or use T-taps as an alternate connection method.



**Step 30:** Plug the Chassis Harness RCA connector into your aftermarket display.

**Step 32:** Plug in the 22-pin white connector to the open connector on the back of the radio.

**Figure 1**



For reference only

**Step 33:** Connect all remaining radio connectors before reinstalling the radio head unit and all trim removed.

**Step 34:** Connect male RCA of camera into female RCA of jumper harness and proceed to the Dealer Programming Instructions.

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## Programing Instructions

**PLEASE NOTE:** These modules are VIN locked for single use.

- 1) Start the vehicle. Allow it to run for 20-30 seconds before proceeding to step 2.
- 2) Plug module into OBDII port, located under the dash on the driver's side, and wait to see a GREEN LED on the module. Programming is completed.
- 3) Unplug the module from the OBDII port. DO NOT DISCARD.



**Step 35:** Test the system. Start vehicle and shift into Reverse to check that all connections were made properly. If all the connections are correct, you will see the camera image displayed on the factory display screen. To enable or disable the camera input, select from among rear vision options in radio settings.