

INSTALLATION INSTRUCTIONS

Jeep Wrangler Rear Vision Camera 2007 – Current (Kit # 9002-8818)

Items Included in the Kit

Camera
Chassis Harness
Ziplock bag with 15 Wire Ties & 3 Push Nuts
These Instructions
22 pin video input harness

Required Tools & Supplies

T15 & T20 Torx Bits
7mm & 10mm Sockets
Phillips Screwdriver
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.

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.***



Wheel Alignment for Camera Clearance

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

INSTALLATION INSTRUCTIONS

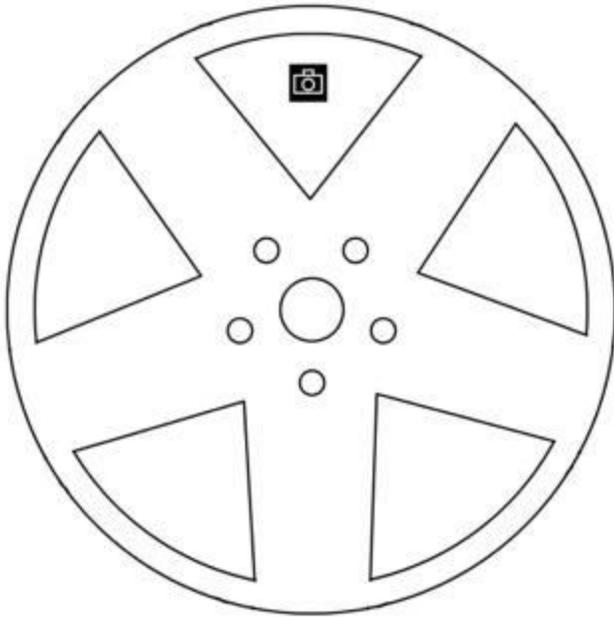
Step 5: Plug the Camera connector into the gray Chassis Harness connector, and insert RCA connector end of supplied Chassis Harness through the rear gate vent behind tire carrier.



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



Step 7: Pull harness through the rear gate openings.



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



Install Chassis Harness

Step 8: Use supplied Wire Ties to secure Chassis

INSTALLATION INSTRUCTIONS

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.



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 the rear access panel to expose 10mm bolt, and remove the 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 the passenger sill plate/kick panel.

INSTALLATION INSTRUCTIONS



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 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 window switch panel.



Step 21: Disconnect harness from window switches.

INSTALLATION INSTRUCTIONS

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 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.



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



Step 28: Run Red 12v+ ignition wire of supplied Chassis Harness to the 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 the back of power point/cigarette lighter. **RECOMMENDED:** Use solder and cover with heat shrink tubing.

INSTALLATION INSTRUCTIONS



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

Step 31: Connect all remaining radio connectors before reinstalling the radio head unit and all trim removed.

Step 32: Connect male RCA of the camera into female RCA of jumper harness and proceed to the Dealer Programming Instructions.

Step 33: 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 your aftermarket display.

Step 34: Reassemble the vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when installing trim.