

**Jeep Wrangler Rear Vision Camera,
2007 – Current (Kit # 9002-8838)**

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 (for factory display radio)

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.



NOTE: We strive to provide accurate and up-to-date installation instructions. For the latest full color instructions, as well as an installation video, please visit www.brandmotion.com

INSTALLATION INSTRUCTIONS

Install Camera

Step 1: Loosen lug nuts to remove spare tire.



Step 2: Slide Camera on studs placing harness end on top 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



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



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 inside of rear gate.



Step 7: Pull harness through the rear gate openings.

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

INSTALLATION INSTRUCTIONS



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



Step 10: Use a T20 Torx bit to remove subwoofer box.



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 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.

INSTALLATION INSTRUCTIONS



NOTE: Step 17 is for aftermarket radios/displays ONLY. For factory display radios, skip step 17.

Step 17: In the factory wire harness located in the passenger foot well, locate the White/Gray Reverse signal wire and splice Green Reverse wire from supplied Chassis Harness. RECOMMENDED: 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 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.



Step 22: Remove 7mm bolt.



Step 23: Remove driver knee bolster cover.

INSTALLATION INSTRUCTIONS



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



Step 25: Remove center stack/cluster surround.

Step 26: Remove glove box for access and run Chassis Harness toward center of 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 on HVAC panel power point.

NOTE: Step 29 is for factory display radios only. If using an aftermarket radio/display refer to step 17.

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

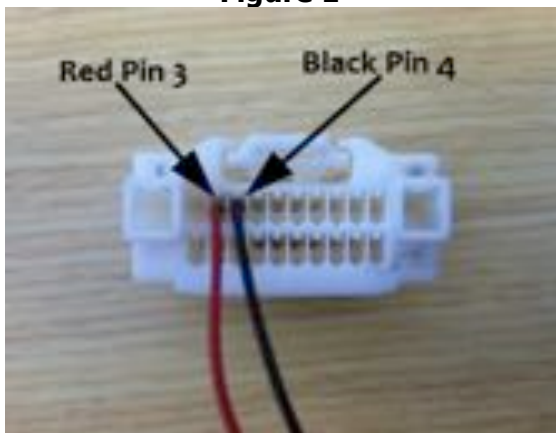


Step 30: Plug the Chassis Harness RCA connector into your aftermarket display.

Step 31: If you are using a factory display radio, You will need to have the radio programmed at the dealership for the back-up camera to display.

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

Figure 1



Step 33: Connect White 22-pin Connector to radio along with all remaining radio connectors before reinstalling radio head unit and all trim removed.

INSTALLATION INSTRUCTIONS

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

Dealer Programming Instructions

PARK VIEW REAR BACK-UP CAMERA VEHICLE CONFIGURATION

Vehicle VIN must be updated with the sales code of the added accessory in order to enable system functionality. Using the DealerCONNECT website and the scan tool, complete the procedure below:

- A. Log on to <https://dealerconnect.chrysler.com>
- B. In the "Vehicle Option" screen under "Global Claims System" category in the "Service" tab, enter the VIN and add the following sales code: XAC (PARK VIEW REAR BACK-UP CAMERA) as a "Dealer Installed Option."
- C. Confirm that the new sales code has been successfully added to the VIN. With the scan tool connected to both the internet (via Ethernet port or wireless connection) and the vehicle, perform the following steps:
- D. Using the scan tool, select VEHICLE PREPARATION and then select RESTORE VEHICLE CONFIGURATION.
- E. Follow the step-by-step instructions on the scan tool to complete the Park View Rear Back-Up Camera vehicle configuration.

Step 35: Test the system. Start vehicle and shift into Reverse in order to check that all connections were made properly. If all of the connections are correct you will see the camera image displayed on your aftermarket display.

Step 36: Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.