

INSTALLATION INSTRUCTIONS

Jeep Wrangler Rear Vision Camera, 2007 – Current (Kit # 9002-8837)

Items Included in the Kit

Camera
Chassis Harness
Zip lock bag with 15 Wire Ties & 3 Push Nuts
Program Module
22--pin white connector w/ video
These instructions

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 ran though the center on the camera
bracket, it will cut the camera harness. This will VOID the
warranty on the camera.**



Safety Precautions:

- Work in a well-ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.

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- Only perform this task if confidence, skill, and physical ability permit.

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

Install Camera:

Step 1: Loosen lug nuts to remove spare tire.

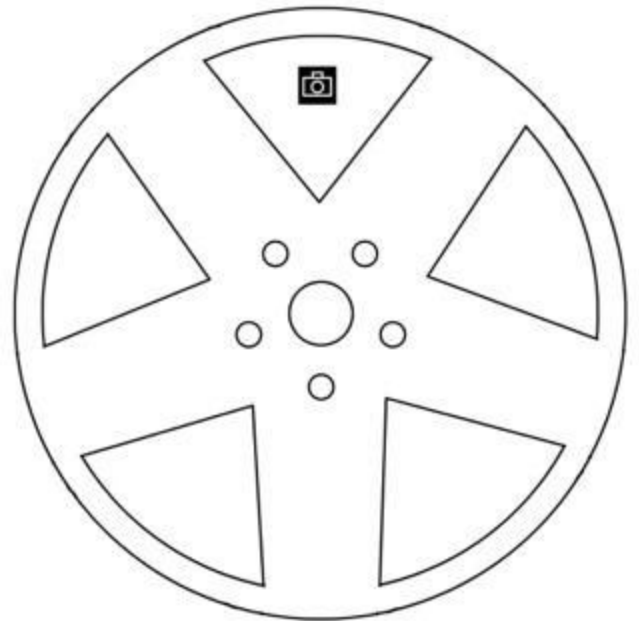


Step 2: Slide Camera on studs placing harness end on top of tire carrier. **Do not run harness through the camera bracket opening.**

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.



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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.



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.



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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.



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



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Step 19: Remove 7mm bolt .



Step 22: Remove 7mm bolt.



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



Step 23: Remove driver knee bolster cover.



Step 21: Disconnect harness from window switches.



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



Step 25: Remove center stack/cluster surround.

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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.

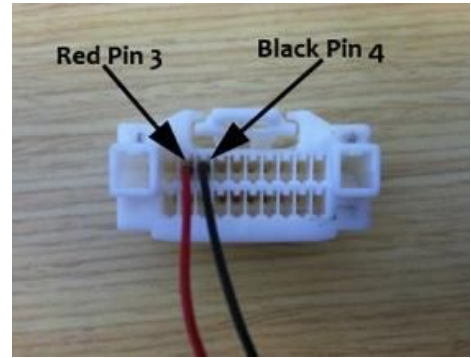


Step 28: Run Red 12v+ ignition power wire and green trigger wire of supplied Chassis Harness to ignition controlled power point on HVAC panel power point.

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



Step 32: Connect White 22-pin Connector to radio along with all remaining radio connectors before reinstalling radio head unit and all trim removed.

Step 33: Connect male RCA of camera into female RCA of jumper harness and proceed to the Programming Instructions.

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 45 seconds then remove module.



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.