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
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.
Camera Power Instructions!: Only ONE of the red wires should be connected to ignition 12v+. The other should be isolated with electrical tape before powering camera up. See step 26.

Camera Installation

1. Loosen lug nuts to remove the spare tire.

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

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

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

5. Plug the Camera connector into the Chassis Harness connector, and insert RCA connector end of supplied Chassis Harness through the rear gate vent behind tire carrier.
6. Using a plastic trim removal tool, remove interior panels on the inside of the rear gate.

7. Pull the harness through the rear gate openings.

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

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.

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

11. Using a plastic trim removal tool, pry off rear seat belt closeout.
12. Using a plastic trim removal tool, remove the rear access panel to expose 10mm bolt, and remove the bolt.

13. Pull out subwoofer box slightly to gain access to run Chassis Harness along existing harness.

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

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.

16. Remove rubber bin insert from top of the dash.

17. Remove 7mm bolt.

18. Using a plastic trim removal tool, remove the window switch panel.
19. Disconnect harness from window switches.

20. Remove 7mm bolt.

21. Remove driver's knee bolster cover.

22. Remove (2) 7mm bolts on both sides of the steering column.

23. Remove center stack/cluster surround.

24. Remove glove box for access and run Chassis Harness toward the center of the dash.

25. Using a plastic trim removal tool, remove HVAC panel.
26. Connecting Power
Splice Red power wire at the RCA to 12v+ wire at power point on center console OR splice red wire at chassis harness connector to 12v+ in the back of the vehicle. COVER UNUSED RED WIRE. Splice Black Ground to chassis ground. RECOMMENDED: Use solder and cover with heat shrink tubing or use T-taps as an alternate connection method.

27. Plug in the 22-pin white connector to the open connector on the back of the radio.

28. Connect male RCA from chassis harness to the female RCA from 22-pin connector

29. Connect all remaining radio connectors before reinstalling the radio head unit and all trim removed.

30. Connect male RCA of the camera into female RCA of jumper harness and proceed to the Dealer 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 drivers side, and wait 45 seconds then remove module. Programming is completed.
3) 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.