

2014-Current Jeep Cherokee and 2015-Current Chrysler 200 Backup Camera Interface (Kit # 9002-2738)

Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:

9002-2738 module
T-harness w/video RCA
USB to mini USB for updating
These instructions

Tools & Supplies Needed:

Plastic panel removal tool
Phillips screwdriver
Wire cutters
Wire strippers
Electrical tape
Zip ties

Safety Precautions:

- Work in 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.
- 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, as well as an installation video, please visit www.brandmotion.com

Install in a 2015 Jeep Cherokee

1. Remove the climate control panel with a plastic panel removal tool.



2. Disconnect the climate controls harness and set aside.
3. Remove (2) Phillips screws that hold the radio trim to the main dash.



4. Pull the vent trim towards you after removing the (2) trim screws from the bottom. It has plastic clips around the trim holding it into place.



5. Remove the (4) Phillips screws that are holding in the radio to the dash. Remove the radio from the dash, disconnect all the harness from the back of the radio and set it side.



This section is for 5" radio models only. See next section for 8.4" radios.

Leave ignition off until installation is complete.

1. After removing the radio connect the female side of the Plug and Play T-harness to the factory 44-pin harness that was unplugged from the radio.
2. Run the camera power and video RCA up to the radio opening.
3. Connect the video RCA from the camera to the Yellow female RCA on the T-harness.
4. Connect the power for the camera to the white/red wire marked ACC OUT from the T-harness.
5. Ground the camera to a good solid metal ground.
6. Connect the 18-pin connector on the T-harness to the 9002-2738 module.
7. Connect the male connector of the T-harness to the back of the radio. Connect all other harness that were unplugged from the radio.
8. Mount module securely in dash with zip ties or Velcro. Reinstall radio into opening. Take care not to pinch any harness when putting radio back in.
9. Turn the key to the ON position (don't start vehicle).
10. The radio will turn on, and restart itself within 1 minute.
11. Re-cycle the key one time (turn the key to OFF then back again to ON). Wait for the radio to boot and settle.

12. If programming of the radio took successfully, the camera (or blue screen) will display on screen while in reverse.

Proper LED flashing indication: 1st Key cycle: 4 flashes
2nd and every following key cycle: 6 flashes

Below is a chart referencing LED flashes, which can be found on the side of the module.

LED Response	Description
1 flash	Waiting for Ignition...(Turn ignition to ON)
3 flashes	VIN Mismatch (This module has been used in a different vehicle already)
4 flashes	First time programmed (Recycle ignition, then test for proper operation)
6 flashes	Programming complete(The radio has accepted the program)

INSTALLATION INSTRUCTIONS

This section is for 8.4" radio models only. See pervious section for 5" radios.

Leave ignition off until installation is complete.

1. After removing the radio connect the female side of the Plug and Play T-harness to the factory 44-pin harness that was unplugged from the radio.
2. Run the camera power and video RCA up to the radio opening.
3. Connect the video RCA from the camera to the Yellow female RCA on the T-harness.
4. Connect the power for the camera to the white/red wire marked ACC OUT from the T-harness.
5. Ground the camera to a good solid metal ground.
6. Connect the 18-pin connector on the T-harness to the 9002-2738 module.
7. Connect the male connector of the T-harness to the back of the radio. Connect all other harness that where unplugged from the radio.
8. Mount module securely in dash with zip ties or Velcro. Reinstall radio into opening. Take care not to pinch any harness when putting radio back in.
9. Turn the key to the ACC position (not the ON, don't start the vehicle).
10. Temporarily connect input 3 (pink wire) to +12 volts.
11. Turn the key to the ON position. The radio will reboot within 20 seconds.

12. While the radio is rebooting, remove the +12 volts from input 3 (pink wire).
13. Wait for the radio to boot and settle.
14. If programming of the radio took successfully, the camera image (blue screen) will display on screen while in reverse. If nothing happens in reverse, recycle the key and place the vehicle in reverse once more.

Proper LED flashing indication: 1st Key cycle: 4 flashes
2nd and every following key cycle: 6 flashes

Below is a chart referencing LED flashes, which can be found on the side of the module.

LED Response	Description
1 flash	Waiting for Ignition... (Turn ignition to ON)
3 flashes	VIN Mismatch (This module has been used in a different vehicle already)
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