

Backup Camera Installation Instructions

Model # VCD-0043, VCD-0053, VCF-0040, VCF-0052, VCG-0048

This kit contains (1) license plate-mount CMOS camera with optional grid lines and (1) factory plug-in harness. Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:

Camera on License Plate Mounting Bracket
Factory Plug-in Chassis Harness
Product Instructions

Tools & Supplies Needed:

Wrench/Screwdriver to fit existing license plate hardware
Electrical tape or heat shrink tubing
Cable/wire ties
Vehicle service manual (if needed)

Safety Precautions:

- Work in a well-ventilated area, clear of obstructions.
- Secure vehicle with chucks both in front of and behind tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothing.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.



Step 1:

Place camera in desired position to confirm fitment (**Note: Some states prohibit items blocking the license plate; check local authorities to confirm legal status for your application**).

To install, first remove your license plate. Reattach your plate, securing the camera mounting bracket behind it.

Step 2:

Disconnect the harness that leads from the tailgate under the back of the bed. There is a different plug and location for each vehicle make.



Step 3:

Run the new camera harness through the opening in the back of the bed to the underside of the vehicle.



Step 4:

Connect camera harness to supplied chassis harness. Make sure to line up the connector arrows. Use tape or heat shrink after to seal connection.



Step 5:

Plug the new connector into the factory connector that the factory camera was just unplugged from. Be sure that the new connector “clicks” into place.

Step 6:

Secure your new camera harness to the existing vehicle wiring with cable/wire ties. This will minimize the chance of binding or otherwise damaging the harness.

Step 7:

Test the system. Inspect that all connections are proper and secure. Clear all loose items removed from the area around the vehicle and turn ignition key ON to test system.

Step 8:

Adjust camera angle if necessary. Loosen camera screw to aim the camera. Tighten screw at desired adjustment.



NOTE:

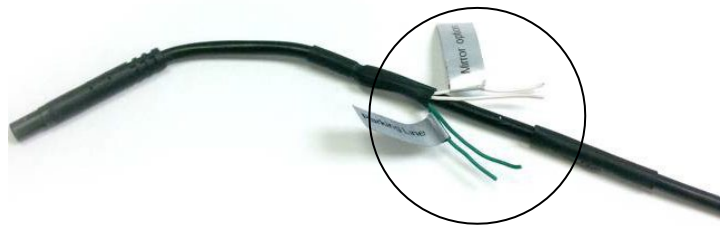
This camera has grid lines or non-grid lines and mirror image or non-mirror image options.

Grid line options:

Default setting is to display grid lines. To remove the grid line display, connect the two green wires near the end of the camera harness.

Display options:

Default setting is mirror image display for rearward facing camera (rear view) installation. To change to a non-mirror image for forward facing camera (front view) connect the two white wires near the end of the camera harness.



Green and white wires on the camera harness.