

## INSTALLATION INSTRUCTIONS

### Factory Plug-in Harness with Tailgate Handle and Camera 2016-Current GM trucks (Kit #9002-7451)

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

#### Items Included in the Kit:

Factory Plug-in Harness  
Tailgate Handle with Rear View Camera  
These Instructions

#### Tools & Supplies Needed:

Wire Ties  
Electrical Tape or Heat Shrink Tubing  
Plastic Trim Removal Tool  
Small grommet or Silicone (If needed)  
Vehicle service manual (If needed)



#### **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](http://www.brandmotion.com)**

# INSTALLATION INSTRUCTIONS

## Preparation

1. Ensure all lamps and accessories are OFF.
2. Ensure ignition switch is in the OFF position.
3. Loosen negative battery cable bolt. Remove negative battery cable from terminal and position away from battery
4. Wait one (1) minute prior to working on vehicle to assure SIR roof rail airbag system has been disabled for your safety

## Step 1: Install Camera into Tailgate

5. Lower Tailgate and (if equipped) remove plastic Tailgate Protector.
6. Remove the Tailgate Access Panel. (Figure 1)

**Figure 1**



7. Disengage (2) plastic Latch Rod Retainer Clips using your fingers. (Figure 2)

**Figure 2**



8. Remove Tailgate Handle using a Socket. (Figure 3)

**Figure 3**



9. Remove lock cylinder from original Tailgate Handle. Remove Tailgate Lock Cylinder Retaining Clip and then Tailgate Lock Cylinder and reinstall into supplied Tailgate Handle Camera. (Figure 4)

**Figure 4**



10. Route Tailgate Handle Camera connector down through Tailgate Handle opening then out through the hole at bottom of Tailgate.
11. Pull Tailgate Handle Camera connector through the pass-through hole in the rear of the pickup box.
12. Reinstall Tailgate Handle.
13. Reattach (2) plastic Latch Rod Retainer Clips using your fingers.
14. Reattach Tailgate Access Panel.
15. (If equipped), reinstall plastic Tailgate Protector.
16. Close Tailgate.

## Step 2: Run the new camera harness through the opening in the back of the bed to the underside of the vehicle.



## INSTALLATION INSTRUCTIONS

**Step 3: Connect Camera Harness to supplied Chassis Harness.** Make sure to line up the arrows on the connectors. Tape or heat shrink after to seal connection.

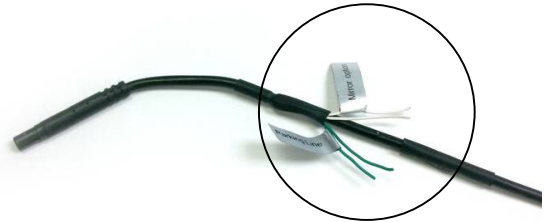


**Step 4: Plug the new connector into the factory connector block that is located under the truck bed to the driver's side of the spare tire.** Make sure that the new connector "clicks" into place.

**NOTE: This camera can show static grid lines or no grid lines and be set for rear-facing (mirror image) or forward-facing 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 rear-facing camera (rear view) installation. Switch to forward-facing camera (front view) by connecting the two white wires near the end of the camera harness.



Green and white wires on the camera harness.

***FOR TECH SUPPORT CALL  
1-734-619-1250  
Please have part number available***