

**Commercial Grade Rear Camera System with 7" Monitor  
(Kit # 9002-7702)**

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

**Items Included in the Kit:**

7" Display Monitor with Removable Sunshade  
Power and Video Input Harness  
Mounting Stand  
Remote  
Allen Wrench  
66' Camera Harness  
IR Camera w/ Mic and Mounting foot  
These instructions

**Tools & Supplies Needed:**

Electrical tape  
Zip ties  
Plastic panel removal tools  
Digital Volt Meter / BCM safe test light  
Drill  
Sockets



## 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.
- 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)**

## Installing Monitor

1. The RED wire connects to accessory power.
2. The BLACK wire connects to ground.
3. GREEN wire connects to the vehicle's 12-volt reverse wire. (If the camera is needed to turn on only in reverse. If the camera is wanted on at all times then do not connect green wire.)
4. Connect the power harness to the monitor.
5. Connect the video input harness to the power harness. If using the display for a backup camera, connect to CAM2. It will trigger off the reverse.
6. CAM1 can be used for "always on" video input.
7. The Allen wrench is used for screws that allow you to "lock" the mounting bracket in position.
8. Connect the camera 4-pin harness to the Monitors 4-pin camera input. (No power will be needed for the camera, the camera receives power from the monitor.)

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## INSTALLATION: Rear camera

1. Remove the 4 Allen screws that are located on the sides of the camera. Then remove the camera mounting bracket and visor.
2. Find an appropriate place to mount the backup camera. Line up the foot bracket to ensure that there is enough space to attach the camera to the body.
3. Attach the mounting foot using either self-tapping screws or a bolt and nut.
4. Use a 1" hole saw to drill a hole for the camera harness.
5. Then feed the harness through the drilled hole, fit the grommet to the inside of the hole.
6. Reattach camera and visor to the mounting bracket. Make sure the camera is oriented UP by seeing the light sensor on the right side of the camera when looking at it.
7. To turn off the guidelines connect the white wire loop on the camera harness.



**Run the 4-pin camera harness to the location of the monitor and connect to the 4-pin connector on the monitor. Turn the monitor on and the image will be displayed. If not change the video input.**