

**Transit Camera Installation Instructions, 2014 – 2015  
(Kit # 9002-7620)**

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

**Items Included in Kit:**

CHMSL Mount Camera and Harness  
Video Harness  
Chassis Harness  
Power Harness  
These Instructions  
CHMSL light U shaped mounting brackets and wing nuts

**Tools & Supplies Needed:**

Multi-meter or computer-safe test light  
Plastic Trim Removal Tool  
Electrical Tape or Heat Shrink Tubing  
Soldering Iron (recommended)  
Solder (recommended) or T-Taps  
Wire Ties (recommended)



**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. The latest full color instructions can be accessed at [www.brandmotion.com](http://www.brandmotion.com)**

Step 1: Use a plastic panel removal tool to unclip the Center High-Mount Stop Lamp or CHMSL (commonly known as the Third Brake Light.)

Step 2: Disconnect the brake lamp connector from the CHMSL and remove the CHMSL.

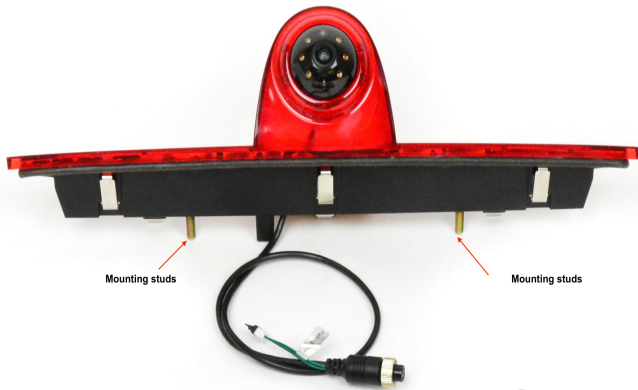
Step 3: Thread Camera Harness video and jumper connector ends through CHMSL opening.

Step 4: Reattach the brake light connector to the Camera.

Step 5: Reinstall the brake light to the vehicle by snapping back into place.

Step 6: Use new U shape mounting brackets to hold the light housing into the mounting hole. (DO NOT TIGHTEN THE NUTS TOO TIGHT ON THE STUDS OR THE LENS COULD CRACK).

## INSTALLATION INSTRUCTIONS



Step 7: Connect Camera Harness to supplied Chassis Harness.



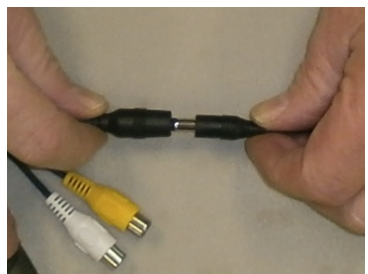
Step 8: Route Chassis Harness towards the video / Navigation display. Run Chassis Harness over the wheel housing and underneath the door sill nearest ignition power.

Step 9: Connect Chassis Harness to supplied Video Harness.



Step 10: Secure Chassis Harness to existing vehicle wiring. Avoid binding or otherwise damaging the harness. (Recommended: Wire Ties or Electrical Tape.)

Step 11: Connect Video Harness to supplied Power Harness.



Step 12: Splice the red wire on the Power Harness to the Purple/Green wire on the vehicle ignition harness (solder recommended). Cover connection with Heat Shrink Tubing or Electrical Tape.

Wire Color	Polarity	Function	Description	Location
Red	12v +	Camera power	Displays 12 volts + with Ignition ON	Purple/Green at ignition switch, black 7 pin plug, pin 6
Black	(-)	Camera Ground	Ground	Chassis

Installers' Note: If you wish to use a mirror or monitor triggered by Reverse, splice the mirror/monitor reverse lead to Green/Brown wire in the Body Control Module / dash fuse box. Brown 46 pin plug (B), pin 11.

Step 13: Add a Ground Eyelet (recommended) to the black wire of the Power Harness and use a screw or nut to attach it to chassis ground.

Step 14: Test the system. Inspect that all connections are proper and secure. Clear all loose items removed from area around the vehicle. Turn ignition key ON and the video image from the Camera should appear in your video / Navigation display.

Step 15: Adjust camera view. Set parking brake, turn Ignition ON, and have an assistant pivot the camera head to the desired orientation.

Step 16: Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling.