

Sprinter Camera Installation Instructions, 2007 – current (Kit # 9002-7609)

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
Female to Male RCA Adaptor (not shown at right)
These Instructions

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

Step 1: Use a Phillips screwdriver to remove two screws retaining the Center High-Mount Stop Lamp or CHMSL (commonly known as the Third Brake Light.) Save screws to attach Camera.

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

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

Step 4: Attach Camera using existing screws. CAUTION: Do not over tighten.

Step 5: Connect Camera Harness to supplied Chassis Harness.



Step 6: Route Chassis Harness towards the video / Navigation display. Run Chassis Harness over the wheel housing and underneath the door sill nearest ignition power.

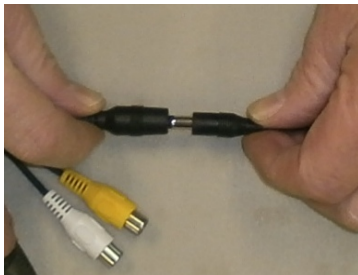
INSTALLATION INSTRUCTIONS

Step 7: Connect Chassis Harness to supplied Video Harness.



Step 8: Secure Chassis Harness to existing vehicle wiring. Avoid binding or otherwise damaging the harness. (Recommended: Wire Ties or Electrical Tape.)

Step 9: Connect Video Harness to supplied Power Harness.



Step 10: Splice the red wire on the Power Harness to black wire on the vehicle ignition harness (solder recommended or T-Taps). 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	Black wire on vehicle ignition switch harness under dash below steering wheel
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 Dark Blue/White wire in the Body Control Module located inside the driver's side kick panel.

Step 11: 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 12: 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 13: Adjust camera view. Set parking brake, turn Ignition ON, and have an assistant pivot the camera head to the desired orientation.

Step 14: Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling.

Note: This camera's default setting is no grid lines. To select grid lines remove black connector at the end of the two green wires, on the camera harness, as shown.

