

Nissan NV Camera Installation Instructions, 2012 – current (Kit # 9002-7608)

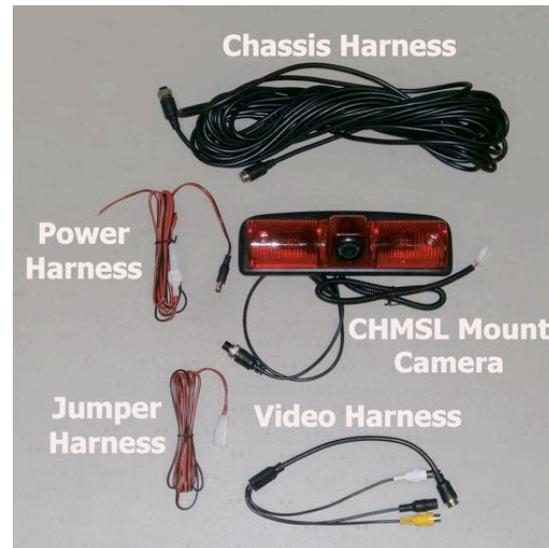
Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in Kit:

- CHMSL Mount Camera and Harness
- Video Harness
- Chassis Harness
- Power Harness
- Jumper Harness
- Female to Male RCA Adapter (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)
- Ground Eyelet (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: Camera Harness video and jumper connector ends through the CHMSL opening.

Step 4: Connect Camera Harness jumper connector to supplied Jumper Harness.



Step 5: Connect red wire of Jumper Harness to light green CHMSL brake lamp wire (12v+ power) and black wire to chassis ground (Recommended: Solder or T-Taps).

Wire Color	Polarity	Function	Description	Location
Red	12v +	CHMSL illumination	Displays 12 volts + with brakes applied	CHMSL light green wire
Black	(-)	Ground	Brake light ground	CHMSL black wire

Step 6: Attach supplied Camera using existing screws. CAUTION: Do not over tighten.

Step 7: Connect Camera Harness video connector to supplied Chassis Harness.



Step 8: Route Chassis Harness forward along the driver's side of the vehicle.

Step 9: Connect Chassis Harness to supplied Video Harness and route towards driver's side kick panel.
(Note: connection is same as shown in Step 8.)

Step 10: (If necessary) Connect supplied Female to Male RCA Adaptor to yellow RCA Video Harness plug.



Step 11: Install video monitor / Navigation display per manufacturer's instructions. See Chart A below for Reverse signal location.

Step 12: Connect yellow RCA plug of Video Harness to "Camera IN" on the video / Navigation display. (NOTE: The white RCA plug is not used in this application.)

Step 13: Connect Camera Harness power connector to the supplied Power Harness.



Step 14: Remove the driver's side kick panel using a plastic trim removal tool.

Step 15: Splice the red wire from the Power Harness to blue 12v+ Ignition power wire (Recommended: T-taps or Solder.)

Step 16: Add a Ground Eyelet (recommended) to the black wire from the Power Harness and use a screw or nut to attach it to Chassis Ground.

Chart A

Wire Color	Polarity	Function	Description	Vehicle Location
Red Kit Power Harness	12v +	Camera power	Displays 12 volts + with Ignition ON	Driver side kick panel – Blue wire (located in cavity 1 of white 6-pin plug)
Black Kit Power Harness	(-)	Ground	Ground	Chassis
n/a Varies— refer to mirror/ display instructions	12v +	Back up Lamps (Reverse signal)	Displays 12 volts + with shifter in Reverse	Driver side kick panel – Orange wire (located in cavity 4 of white 4-pin plug)

Step 17: 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 shift into Reverse to test system. The video image from the Camera should appear in your display / Navigation display.

Step 18: Secure Chassis, Video, and Power Harnesses to existing vehicle wiring and reassemble vehicle by following your disassembly steps in reverse order. Avoid binding or otherwise damaging the harnesses.
(Recommended: Wire Ties or Electrical Tape.)