

2010-Current Ford Transit Connect Aftermarket CMOS Camera with Optional Parking Gridlines Installation Instructions (Kit # 9002-7605)

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

Items Included in Kit:

Chassis Harness
Power Harness with RCA connectors
Camera mounted in license plate lamp cover
Instructions

Tools & Supplies Needed:

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

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. The latest full color instructions can be accessed at www.brandmotion.com

Step 1: Use a plastic trim removal tool to extract pins from rear door inner trim panel and remove.



Step 2: Unplug right license plate lamp connector.



Step 3: Remove license plate lamp and separate bezel from cover.



Step 4: Thread connector end of the camera harness through license plate lamp bezel. Snap supplied camera on license plate lamp bezel.



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Step 5: Insert camera mount/license plate lamp bezel assembly into access hole.



Step 6: Remove driver's side kick panel and locate vehicle Ignition and Ground signals. Use a multi-meter or computer-safe test light to check Ignition and Ground wires adjacent to the fuse block (Chart A).

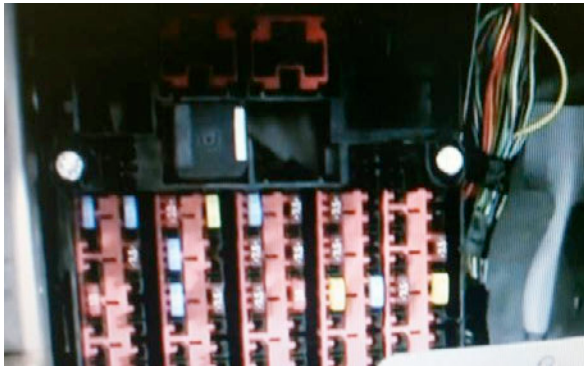


Chart A

Wire Color	Polarity	Function	Description	Location
Red	12v +	Ignition controlled power	This lead will display 12 volt + when the key is in the RUN position	Found on main Ignition harness.
Black	(-)	Ground	Chassis ground	A ground bolt is commonly found in the front kick panel area with other wires attached.

CAUTION: Once correct wires have been identified, turn Ignition key OFF and DO NOT TURN key back ON until the install has been completed (Step 15).

Step 7: Splice the red and black Power Harness leads into corresponding vehicle wires (Recommended: Soldering or T-taps as optional connection method). Also recommended is an eyelet for the ground connection.

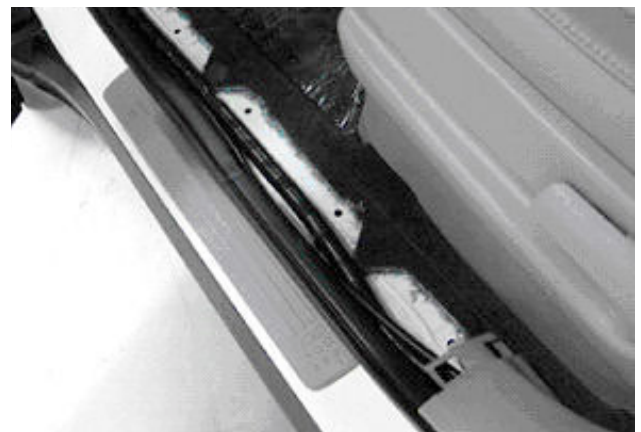
Step 8: Route Camera Harness. Route camera harness through driver's side rear door grommet.



Step 9: Connect Camera Harness to supplied Chassis Harness.



Step 10: Route Chassis Harness. Run Chassis Harness over the driver's side wheel housing and underneath the driver's door sill to the driver's side kick panel. Use a plastic trim removal tool to avoid damage to trim pieces.



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Step 11: Secure Camera Harness and Chassis Harness to existing vehicle wiring. Avoid binding or otherwise damaging the harness (Recommended: Wire Ties or Electrical Tape.)

Step 12: Connect Chassis Harness to supplied Power Harness.



Step 13: Install aftermarket display/ Navigation display as per instructions (if required).

Step 14: Connect the male RCA from the Power Harness to the "Camera IN" on the aftermarket display/ Navigation display.



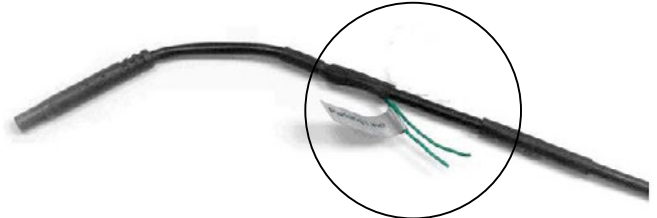
Note: Connection to female RCA connector shown.

Step 15: Test the system. Inspect that all connections are proper and secure. Clear all loose items removed from area around the vehicle and turn ignition key ON to test system.

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

Step 17: Select parking grid line display option or remove grid line display.

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.



Green wires on the camera harness.

Finished exterior installation

