

**Dual Camera Interface for Ford  
MyTouch 8" Display Screen  
(Kit # 9002-2781)**

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

**Items Included in the Kit:**

Interface Module  
Factory connector T-harness  
Dual Camera input harness  
4 to 6-pin bypass harness  
These instructions

**Tools & Supplies Needed:**

Wire strippers  
Wire cutters  
Electrical tape  
Zip ties  
Plastic panel removal tools  
Digital Volt Meter / BCM safe test light  
Screwdriver  
Socket set  
Wrench

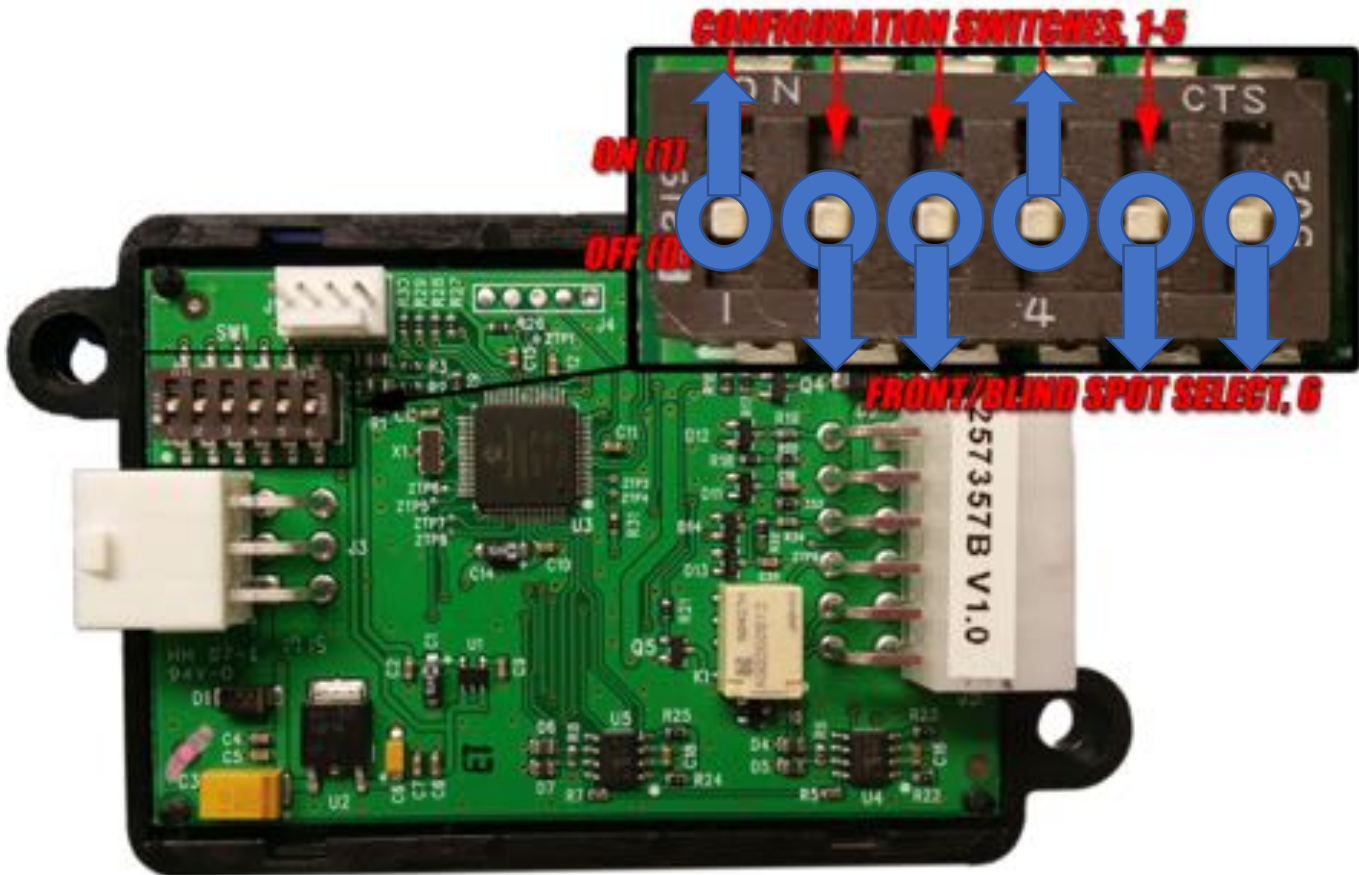


**Safety Precautions:**

- 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. For the latest full color instructions, as well as an installation video, please visit [www.brandmotion.com](http://www.brandmotion.com)**

To set the DIP switches, refer to the graphic below. **DIP switches 1-5 set the main configuration.** The **6<sup>th</sup>** dip switch changes between Front/Aux camera mode(**OFF/0**), and Blind Spot/Cargo camera mode(**ON/1**).



**DIP Switches must be set before installation while the module is NOT connected to power for the module to work properly.**

**The 6<sup>th</sup> dip switch is only used for Front/Auxiliary cam functions. More information on Front/Auxiliary camera functions can be found in this guide.**

## INSTALLATION INSTRUCTIONS

1. Remove the trim around the screen/display in the dash.



2. Remove the (4) 7mm bolts holding in the screen/display. Pull screen forward out of dash.



3. Remove the large plug to the left of the screen by lifting the handle like plug.



4. Plug the T-harness into the back of the screen where the factory harness was just removed. Make sure the handle is locked back in the down position.



5. Plug the female end of the T harness into the factory harness. Make sure the handle is locked back in the down position.



6. Remove (if plugged in) the 4-pin to 6-pin adaptor. It is not need for installation.
7. Connect the 6-pin harness to the 9002-2781 module. On the other side of the module connect the 12-pin harness.
8. For vehicles with factory backup cameras--disconnect the male and female RCA on the 6-pin harness and connect the OEM CAMERA output RCA to the REAR CAM input RCA on the 12-pin connector. Connector the Camera input RCA from the 6-pin harness to the CAM output RCA on the 12-pin connector.

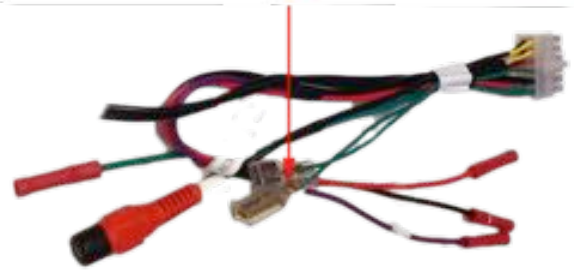
## INSTALLATION INSTRUCTIONS

9. For a vehicle with an aftermarket backup camera-- disconnect the male and female RCA on the 6-pin harness and **do not** use the OEM CAMERA. Connect the aftermarket camera RCA to the REAR CAM input RCA on the 12-pin connector. Connector the Camera input RCA from the 6-pin harness to the CAM output RCA on the 12-pin connector.
10. For front camera or blind spot camera-- connect the camera RCA to the RED RCA AUX CAM input
11. To power any of the aftermarket cameras you can use the power output on the 12-pin connector. RED is 12V accessory and BLACK is ground. DO NOT use reverse to power any camera.
12. GREEN is for a negative input (like the output from our Park View Pro CA-6) a switch or ground from a turn signal wire. *If the vehicle has a positive turn signal wire, you must use a relay.*
13. When using the 9002-2780 as a front camera input. (*DIP switch #6 off*) The module will shut off the video input at 7MPH. If using the 9002-2780 as a blind zone/ cargo camera input, (*DIP switch #6 on*) it requires a negative from the turn signal wire of the vehicle or from a switch and will stay on for 20 seconds.

14. Verify correct module DIP switch configuration (See Page 1).

15. Isolate the jumper wires to prevent accidental programming.

### PROGRAMMING INITIATION JUMPER WIRES

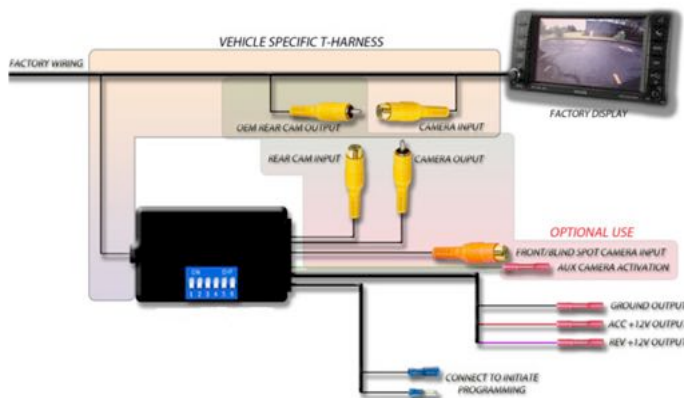


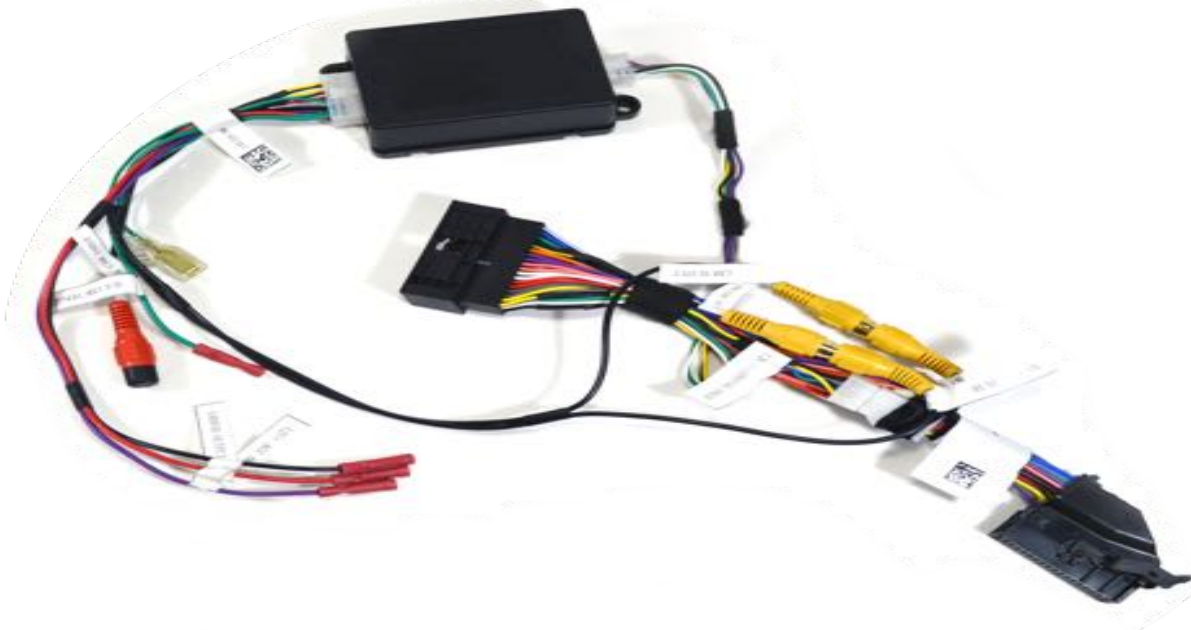
### MyTouch Installation

The auxiliary camera can be activated by pressing and holding the "OK" button for 3 seconds on either the radio controls or the steering wheel controls. A simple press of the OK button will exit Front/Cargo/Blind Spot camera modes. (*On most vehicles*)

For manual/hardwire activation, use the green wire to connect to a ground activation to enable the auxiliary camera. For blind spot use, use the blinker wire to activate a relay to drive a ground signal to the green wire of the module. The module is set to accept a pulsing input for this signal.

For front camera use, the module can be wired to a ground switch or to an accessory capable of providing a ground output such as curb sensing accessories.





**Connections:**

Connect RCA connectors as labeled. There is also a ground activation trigger to be used to activate the camera.

**Behavior:**

**Front/Aux Camera Mode** (DIP Switch # 6 OFF): This kit will only function up to 7MPH in Front Camera Mode. This mode is for off-road use **only**. It is not to be used as a driving aid on public roads. At 7MPH the manual activation is disabled.

**Blind Spot/Cargo Camera Mode** (DIP Switch # 6 ON): The kit will work at any speed while in Blind Spot/Cargo camera mode, but will only work for up to 30 seconds at a time.