

**Dual Camera Interface for Chrysler/Dodge/Jeep
MyGig 6.1" Display Touch Screen
(Kit # 9002-2782)**

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



Items Included in the Kit:

Interface Module
Factory connector Power T-harness
Factory connector Video 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.co

i Modules must be configured before first use. To configure, please consult the following chart based on your application.

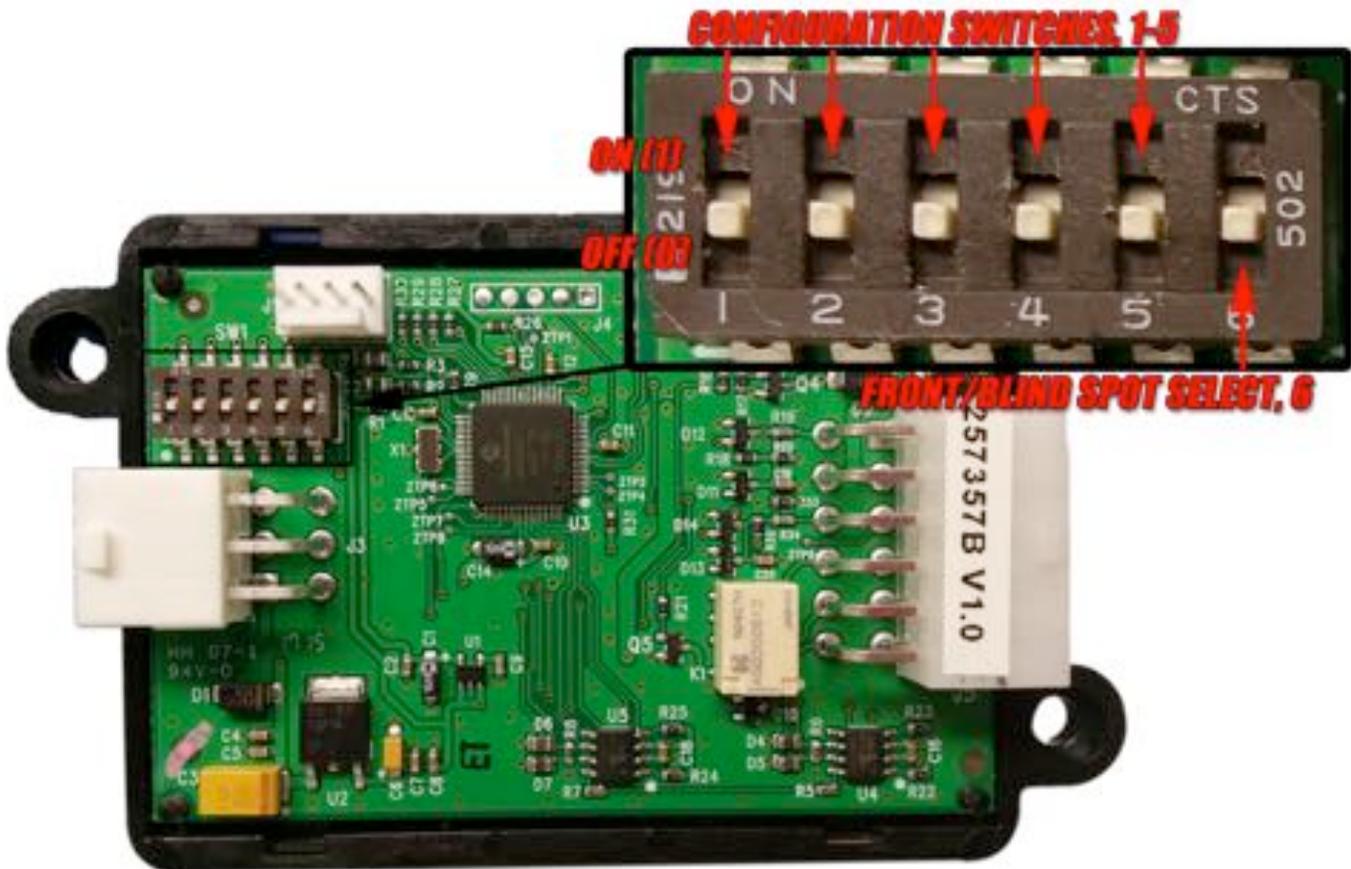
DIP Switches must be set with module disconnected from power!!

(1) Indicates a dip switch in the ON/UP position

(0) Indicates a dip switch in the OFF/DOWN position

| Config # | Dip Set | Description | Details Page # |
|----------|--------------|---|----------------|
| 0 | 00000 | MyFord Satellite Radio add-on with Front/Side Camera | Supplement |
| 1 | 00001 | MyFord Sat Tuner UNPROGRAM (Coming Soon) | Supplement |
| 2 | 00010 | MyFord Camera with Front/Side Camera | 3.1 |
| 3 | 00011 | MyFord Camera UNPROGRAM (Coming Soon) | 3.1 |
| 4 | 00100 | MyFord SAT and Camera with Front/Side Camera | 3.1 |
| 5 | 00101 | MyFord SAT and Camera UNPROGRAM (Coming Soon) | 3.1 |
| 6 | 00110 | Fiesta Sat & CD | Supplement |
| 7 | 00111 | CMC Chrysler Rear Camera (RA2, RA3, RA4) | 3.2 |
| 8 | 01000 | CMC CD & Rear Camera (RA1, RA2, RA3, RA4) | 3.2 |
| 9 | 01001 | CMC CD(RA1, RA2, RA3, RA4) | Supplement |
| 10 | 01010 | CMC UF Proxi Camera (Small - 200) (RA2, RA3, RA4) | Coming Soon |
| 11 | 01011 | CMC UF Proxi Camera UNPROGRAM (RA2, RA3, RA4) | Coming Soon |
| 12 | 01100 | CMC KL Proxi Camera (Large - Cherokee) (RA2, RA3, RA4) | Coming Soon |
| 13 | 01101 | CMC KL Proxi Camera UNPROGRAM (RA2, RA3, RA4) | Coming Soon |
| 14 | 01110 | CMC Front/Aux Cam Only (RA2, RA3, RA4) | 4.3 |
| 15 | 01111 | NTG4 Camera - MYGIG High Speed Radios(RER, RBZ, RHB, RHR) | 3.2 |
| 16 | 10000 | NTG4 Camera - MYGIG Low Speed Radios (RER, RBZ, RHB, RHR) | 3.2 |
| 17 | 10001 | CTP Chrysler | Coming Soon |
| 18 | 10010 | MyFord/MyFord Touch Front/Aux Camera only | 4.2 |
| 19 | 10011 | MyFord Sat Tuner - Automatic Program (Does not use programming | Supplement |
| 20 | 10100 | MyFord Camera - Automatic Program (Does not use programming | Supplement |
| 21 | 10101 | MyFord SAT and Camera - Automatic Program (Does not use programming | Supplement |
| 22 | 10110 | | |
| 23 | 10111 | | |
| 24 | 11000 | | |
| 25 | 11001 | | |
| 26 | 11010 | | |
| 27 | 11011 | | |
| 28 | 11100 | | |
| 29 | 11101 | | |
| 30 | 11110 | | |
| 31 | 11111 | | |

To set the dip switches, refer to the graphic below. **Only dip switches 1-5 set the main configuration.** The **6th** 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 for module to work properly.

Use the dip switch configuration guide to set the first five switches to the corresponding profile, setting them from left to right with 1 meaning ON and 0 meaning off. The 6th dip switch is only used for Front/Auxiliary cam functions. More information on Front/Auxiliary camera functions can be found in this guide.

1. Remove dash trim around radio in dash.



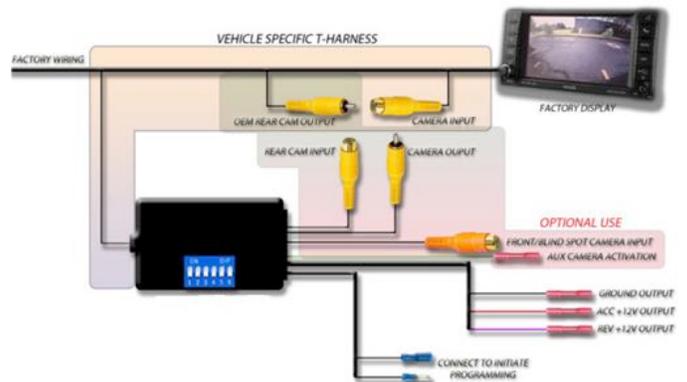
2. Remove the screws holding the radio into the dash.



3. Remove the radio from the dash.
4. Unplug Gray power connector from the back of the radio and plug in the new T-harness into the radio. Plug the factory connector that was just removed from the radio into the other end of the T-harness.
5. Unplug the white video connector from the back of the radio (*if there is one, some vehicles do not have them*) and plug in the new T-harness into the radio. Plug the factory connector that was just removed from the radio into the other end of the T-harness.



6. Remove (if plugged in) the 4-pin to 6-pin adaptor. It is not need for installation.
7. Connect the 6-pin Power harness to the 9002-2782 module. On the other side of the module connect the 12-pin harness.

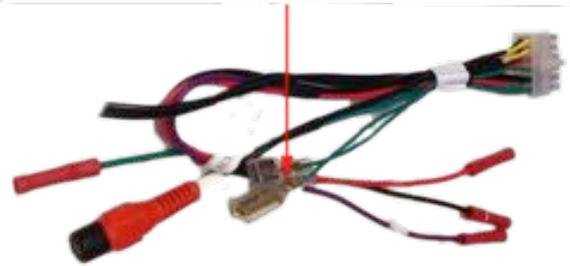


8. For vehicles with factory backup cameras-- disconnect the male and female RCA on the 6-pin harness and connect the OEM CAMERA output RCA to the REAR CAM input RCA on the 12-pin connector. Connector the Camera input RCA from the 6-pin harness to the CAM output RCA on the 12-pin connector.

INSTALLATION INSTRUCTIONS

9. For a vehicle adding 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 a 12 volt accessory output 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 9002-2782 as a front camera input. (*Dip switch #6 off*) The module will shut off the video input at 7MPH. If using the 9002-2782 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. Disconnect and isolate the jumper wires to prevent accidental programming.

PROGRAMMING INITIATION JUMPER WIRES



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.



***READ THIS MANUAL CAREFULLY
BEFORE INSTALLATION!***

MODULE REQUIRES CONFIGURATION BEFORE FIRST USE!