

**Dual Camera Interface for Chrysler/Dodge/Jeep  
5" and 8.4" Display Screens  
(Kit # INTG-ST58)**

**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.co](http://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

To set the dip switches, refer to the graphic below. **Only 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).

**0 0 1 1 1 0 1 1**  
MODULE CONFIGURATION

1=BLIND SPOT/CARGO CAM  
0=FRONT/AUX MODE

**Note:**  
This kit will not work on any vehicles with a digital (LVDS) factory camera system such as the JL Wrangler and 2020 Ram

Model	Years
200 (2nd Cam Only)	2015 - 2019
300	2015 - 2019
CHALLENGER	2015 - 2019
CHARGER	2015 - 2019
CHEROKEE (2nd Cam Only)	2014 - 2019
DURANGO	2014 - 2019
GRAND CHEROKEE	2014 - 2019
PACIFICA	2017 - 2019
RAM TRUCK	2013 - 2018
VIPER	2013 - 2017

**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 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.**

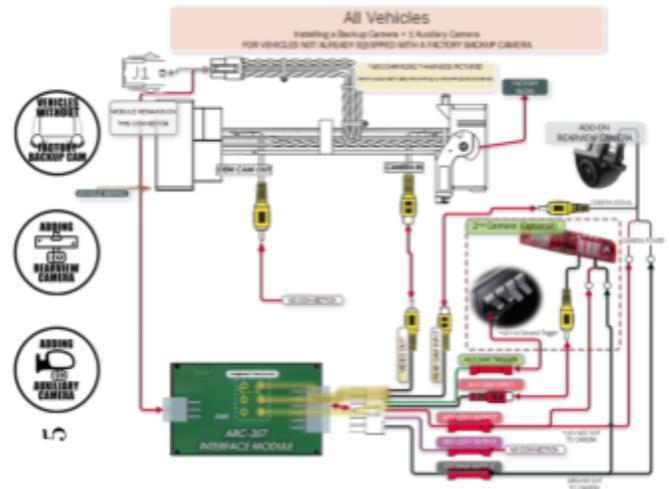
## INSTALLATION INSTRUCTIONS

1. Remove trim around screen/display.
2. Remove screws that hold screen to dash.



3. Before installing T-Harness, ensure car is given time to fully "shut down". You can do this by turning the car off, opening and closing the driver's door, and allowing the car to sit for 5 minutes
4. Disconnect main 52-pin harness from the back of the screen by lifting up on the "handle" to release the plug.
5. Plug in the main 52-pin factory harness that was just unplugged, into the female end of the 9002-2783 T-harness.
6. Plug in the male 52-pin plug from the T harness into the factory screen/display . Lock the plug in by pushing down on the "handle".
7. Remove (if plugged in) the 4-pin to 6-pin adaptor. It is not need for installation.
8. Connect the 6-pin harness to the 9002-2780 module. On the other side of the module connect the 12-pin harness.

9. The plug on the 6-pin connector (*main harness*) that is labeled REMOTE CD is not used of this installation.
10. The wires labeled MIC 1 IN are not used in this installation.



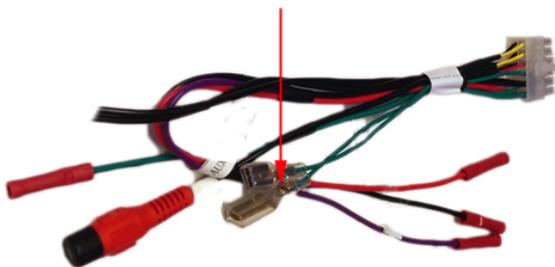
11. For vehicles with factory backup cameras-- disconnect the male and female RCA on the 6-pin harness and connect the OEM CAMERA output RCA to the REAR CAM input RCA on the 12-pin connector. Connector the Camera input RCA from the 6-pin harness to the CAM output RCA on the 12-pin connector.
12. For 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.
13. For front camera or blind spot camera-- connect the camera RCA to the RED RCA AUX CAM input

## INSTALLATION INSTRUCTIONS

14. 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.
15. GREEN is for a negative input. Like the output from our Park View Pro CA-6, a switch.
16. If using the AUX camera input of a blind zone camera, the camera will trigger off of the right turn signal through the CAN wires.
17. 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.
18. Verify correct module DIP switch configuration (See Page 1).
19. Disconnect and isolate the jumper wires to prevent accidental programming.

21. Turn vehicle on to IGN and verify rear-view camera operation by placing the vehicle in reverse with your foot firmly on the brake.
22. If vehicle does not go into camera mode when placed in reverse, verify the DIP switch settings and try turning the vehicle on and off with a full shutdown once or twice more. If this does not work, disconnect the negative battery for 5 minutes and reconnect.
23. If vehicle is equipped with a cargo cam, it will be disabled and replaced by the rear-view camera. You can use the auxiliary cam input to manually display your cargo camera using a switch. Use the "OEM Cam output" on the T-harness to connect to the "Aux Cam In".

### PROGRAMMING INITIATION JUMPER WIRES



20. With camera connected and powered, power vehicle on, and then shut off allowing the radio to fully shut down once more.

### **Front Camera Use:**

To use front camera, wire the green wire to a switch to ground. Activating this input will enable the front camera input at speeds up to 7MPH.

### **Blind Spot Camera Use:**

To use the blind spot camera, simply put the 6<sup>th</sup> DIP switch in Blind Spot mode and connect your camera to the auxiliary camera input. The display will automatically switch to Blind Spot camera mode when the vehicles right turn signal is activated.

### **Cargo Camera Use:**

This kit will work with a factory installed cargo camera or an add-on camera. If the cargo camera was installed from the factory and replaced as the default by the backup camera, simply connect the "Camera Output" from the factory T-Harness to the "Aux Camera Input" on the T-harness. You can now use the green wire to manually activate the cargo camera.

### **Important Note:**

*If you are not installing a Front or Side-view camera, ensure Dip Switch # 6 is set to 0. Failure to do this may cause the radio screen to go blank when the turn signal is activated on certain vehicles.*

