

**Dual Camera Interface for Ford
MyFord 4" Display Screen
(Kit # 9002-2780)**

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

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

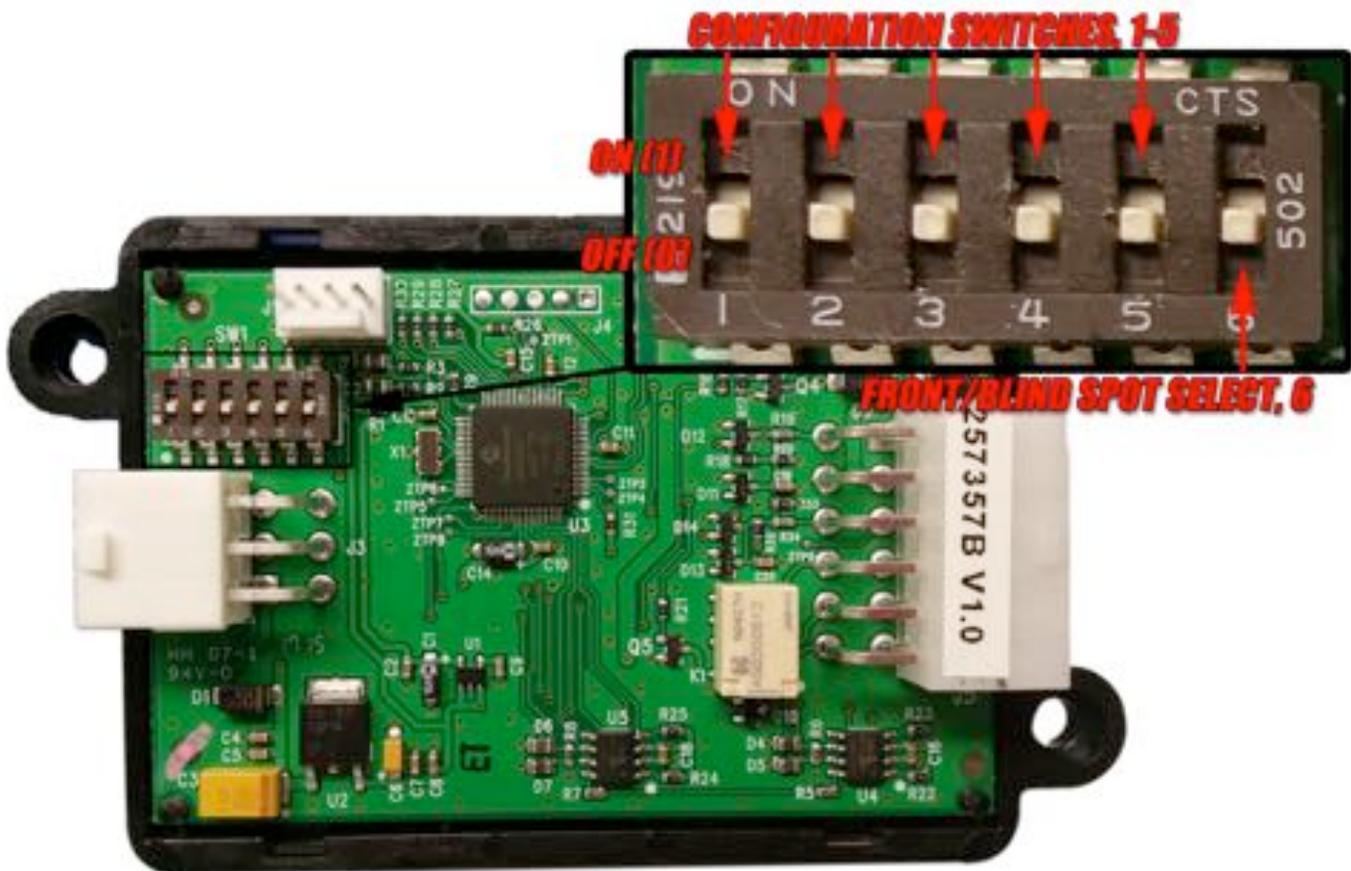
DIP Switches must be set with module disconnected from power!!

(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 screen/display in dash.



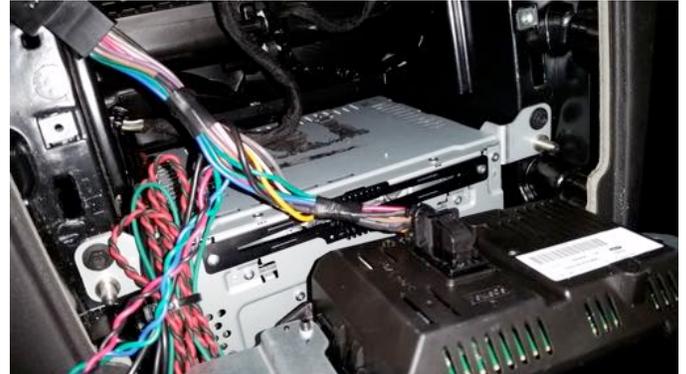
2. Remove the screws holding the screen into the dash.
3. Remove the screen from the dash.



4. Check compatibility of screen/display on the last page of this install guide.
5. Disconnect the FCDIM/display harness on the back of the display by pushing down on the tab and pulling the "lever" back.

INSTALLATION INSTRUCTIONS

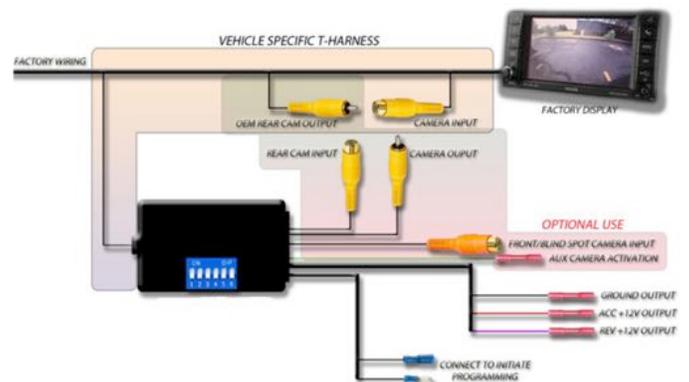
6. Connect the T-harness into the FCDIM first from the 9002-2780.



7. Then connect the opposite end to the vehicle harness.



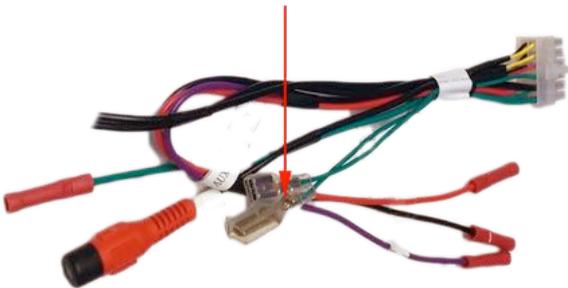
8. Remove (if plugged in) the 4-pin to 6-pin adaptor. It is not need for installation.
9. Connect the 6-pin harness to the 9002-2780 module. On the other side of the module connect the 12-pin harness.



INSTALLATION INSTRUCTIONS

10. 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.
11. 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.
12. For front camera or blind spot camera-- connect the camera RCA to the RED RCA AUX CAM input
13. 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.
14. 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).
15. 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.
16. Verify correct module DIP switch configuration (See Page 1).
17. With module connected to vehicle specific T-Harness, and display connected, power vehicle on to IGN (Do not start vehicle).
18. With vehicle ignition turned on and radio display on and connected, connect the two jumper wires together. This will initiate the programming procedure.
19. Within 10 seconds radio display should display "Diagnostics mode" and shut off. Radio display will turn back on, and should shut off one more time. Once radio and display have shut down twice and came back on, programming is complete. The entire process should take less than two minutes.
20. If the programming does not work successfully, disconnect module power, verify the dip switch settings, reconnect module, turn the vehicle off and then on again, and try again.
21. Disconnect and isolate the jumper wires to prevent accidental programming.

PROGRAMMING INITIATION JUMPER WIRES CONNECT TO INITIATE PROGRAMMING



Ford 4" Screen important notes:

- If Camera is tested before camera is powered and connected, system must be fully shut down and turned back on before camera will work again.
- Depending on vehicle configuration, display may stay in reverse camera mode until vehicle is driven to a pre-determined speed. **This is a factory function.**
- Some displays will show a magnifying glass (zoom) icon on the display. This is meant to be used with an OEM Camera with zoom function. It is not compatible with any aftermarket cameras and cannot be disabled.

Unprogramming/Reset to factory

This module can be used to return the vehicle to factory in the case the customer wants it uninstalled. Once this is complete the module can then be used on another VIN. Until the unprogram routine is run, the module is locked to the VIN of the vehicle it is currently installed in.

To unprogram the vehicle, disconnect the module, set the DIP switches to the corresponding "Unprogram" profile, reconnect the module and wait for the display to reset twice the same as in the programming procedure.

MyFord 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.



COMPATIBLE DISPLAYS		INCOMPATIBLE DISPLAYS
BBST-19C116-CK	DT4T-19C116-CA	BBST-19C116-CJ
BB4T-19C116-CF	DT4T-19C116-CB	BT4T-19C116-CN
CBRT-19C116-CC	DT4T-19C116-CC	CBRT-18D95-AA
CBRT-19C116-CD	DT4T-19C116-CD	CBRT-18D95-AD
CBRT-19C116-OC	DT4T-19C116-CB	CBRT-18D95-GC
CBRT-19C116-OD	DT4T-19C116-OD	CBRT-18D95-GE
CC4T-18D95-CF	EA4T-18D95-CB	CC4T-18D95-CF
CMST-18D95-CF	EB4T-18D95-GA	CMST-18D95-AB
CMST-18D95-CB	EB4T-18D95-GC	CMST-18D95-AD
CMST-18D95-OD	EB4T-19C116-CA	CMST-18D95-CK
CMST-18D95-GE	EB4T-19C116-CD	CMST-18D95-GE
CMST-18D95-OD	EG4T-18D95-CA	CMST-18D95-AD
DA4T-18D95-CD	EG4T-18D95-CD	DA4T-18D95-BC
DA4T-18D95-CF	EG4T-18D95-CC	DA4T-18D95-BB
DB4T-19C116-CA	EG4T-18D95-GA	DB4T-18D95-CB
DB4T-19C116-CB	EL4T-18D95-CF	EB4T-18D95-GB
DB4T-19C116-GA	EM4T-18D95-CF	EM4T-18D95-CA
DB4T-19C116-GB	EM4T-18D95-GB	EM4T-18D95-CB
DG4T-18D95-CD	ET4T-18D95-CA	
DL4T-18D95-CC	ET4T-18D95-CB	
DL4T-18D95-CD	ET4T-18D95-CC	
DL4T-18D95-CF	ET4T-19C116-OD	
DL4T-18D95-CG	FB4T-19C116-CA	
DS4T-18D95-CE	FB4T-19C116-GA	
DS4T-18D95-CF	FG4T-18D95-CA	

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.