ARC-MFCAM357

ACCESSORY/REAR CAMERA PRODUCT SERIES

MyFord 4” Display Plug ‘n’ Play Rear Camera Interface

ARC-MFCAM357
INSTALLATION MANUAL

Full plug and play programming and power kit, for Ford Vehicles with a camera-compatible 4” MyFord Display

Required for Install:

1. Ford Vehicle with camera-compatible 4” MyFord Display (See Application Guide).
2. ARC-MFCAM357 Installation Kit (These instructions not valid for original ARC-MFCAM kit)
3. Backup camera with RCA video connection

Vehicle Applications: (See Compatible Displays)

- 2011+ Edge, Explorer, MKX
- 2012+ Focus
- 2013+ C-MAX, Escape(w/Optional Adapter), F150, Flex, Fusion, Taurus
- 2014+ Fiesta, Transit, Transit Connect

ARC-MFCAM Kit Contents:

1. 257357 Programming Module
2. FRD09-BC3M2 Plug and Play T-Harness for MyFord Vehicles
3. ARC-ACC357PWR

Notice:

All information provided in this instructional guide is given on an as-is basis. All wires should be verified and tested for functionality before any connections are made. All wiring connections should be made using OEM approved wire repair techniques which include, but are not limited to, soldering and heat-shrinking all connections. When screwing or drilling, verify clearance on opposite side of work surface. Professional installation is recommended

Step 1: Verify Display Compatibility

Important Note: Not all displays are capable of rear-view camera display. Please verify the part number of your display will work with this kit before installing!

1. Disassemble dash to remove Electronic Faceplate/Front panel to gain access to the FCDIM(4" Display). Unplug and remove the FCDIM. Find part number on back of display and verify compatibility.

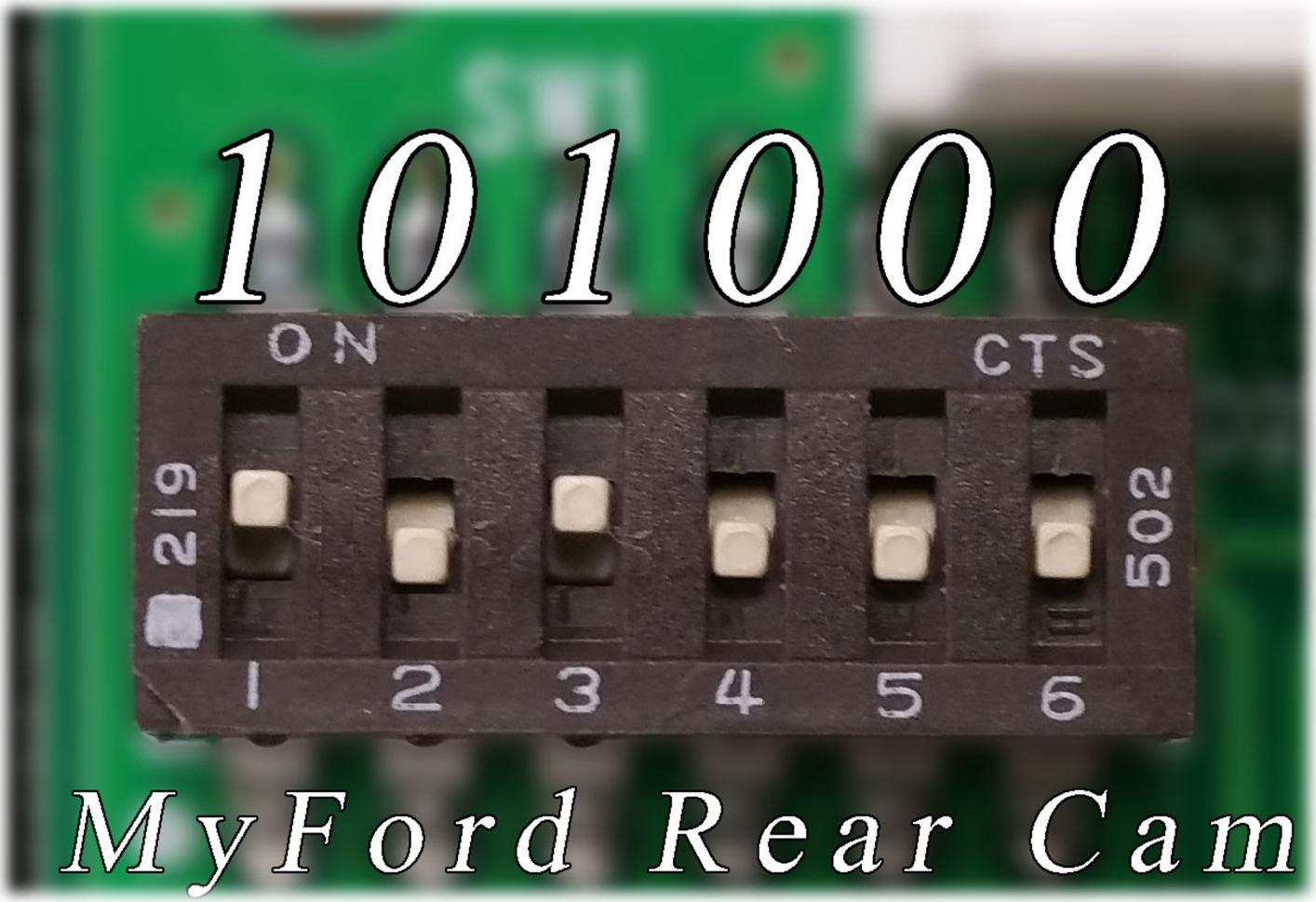
If your part number is not listed below, please call the supplier of this kit to verify compatibility.

COMPATIBLE DISPLAYS		
BB5T-19C116-CK	DG1T-18B955-CD	EG1T-18B955-CA
BT4T-19C116-CP	DL3T-18B955-CC	EG1T-18B955-CD
CB5T-19C116-CC	DL3T-18B955-CD	EJ5T-18B955-CC
CB5T-19C116-CD	DL3T-18B955-CF	EJ5T-18B955-GA
CB5T-19C116-GC	DL3T-18B955-CG	EJ5T-18B955-GB
CB5T-19C116-GD	DS7T-18B955-CE	EL3T-18B955-CE
CK4T-18B955-CF	DS7T-18B955-CF	EM5T-18B955-CF
CM5T-18B955-CF	DT4T-19C116-CA	EM5T-18B955-JB
CM5T-18B955-GB	DT4T-19C116-CB	ES7T-18B955-CA
CM5T-18B955-GD	DT4T-19C116-CC	ES7T-18B955-CB
CM5T-18B955-GE	DT4T-19C116-CD	ET4T-18B955-CC
CM5T-18B99-GG	DT4T-19C116-GB	ET4T-19C116-GG
DA8T-18B955-CD	DT4T-19C116-GD	FB5T-19C116-CA
DA8T-18B955-CF	EA8T-18B955-CB	FB5T-19C116-GA
DB5T-19C116-CA	EB5T-18B955-GA	FG1T-18B955-CA
DB5T-19C116-CB	EB5T-18B955-GC	FR3T-18B955-CG
DB5T-19C116-GA	EB5T-19C116-CA	ET4T-19C116-CD
DB5T-19C116-GB	EB5T-19C116-CD	

INCOMPATIBLE
BB5T-19C116-CJ
BT4T-19C116-CN
CE8T-18B955-AA
CE8T-18B955-AD
CJ5T-18B955-GC
CJ5T-18B955-GE
CJ5T-18B955-GF
CM5T-18B955-AB
CM5T-18B955-AD
CM5T-18B955-CE
CM5T-18B955-GF
CM5T-18B99-AD
D2BT-18B955-BE
DA6T-18B955-BB
DM5T-18B955-CD
EM5T-18B955-CA
EM5T-18B955-CB

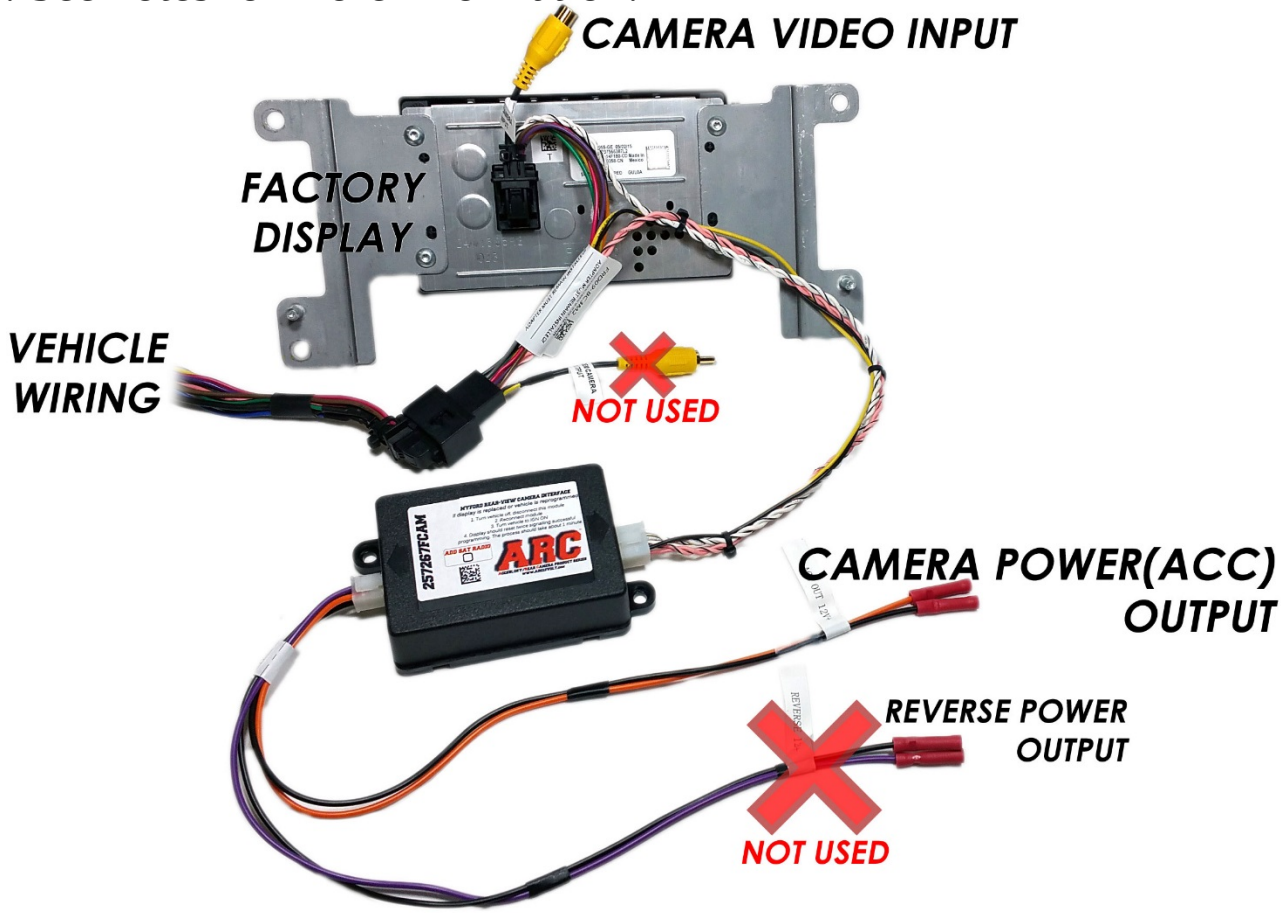
Step 2: Set Dip-Switch Configuration

Remove the cover of the 257357 module and set the dip switches to match the following configuration. **Do this before powering the module!**



Step 3: Install T-Harness and Module

1. Remove 6-to-4 pin adapter from Harness. This will not be used.
2. With vehicle powered off, connect T-Harness to FCDIM(Display).
3. Connect opposite end of T-Harness to vehicle wiring.
4. Connect module to 6-pin connector on T-Harness.
5. With all connections connected, turn car on to **IGN ON** – Do not start vehicle.
6. Wait 2 Minutes for programming to complete. FCDIM (Display) should restart **twice**.
7. Test programming **after** camera is installed and powered (see Step 3) by placing car in reverse. Testing without camera installed will result in a “Camera Not Available” message and will disable camera input temporarily.
8. If programming did not work: With ignition off, disconnect module from T-Harness and reconnect. Turn ignition on to IGN, programming procedure will restart.
9. See notes for more information.



Step 4: Install Rear View Camera

Camera is sold separately. Any aftermarket rear-view camera that uses an RCA connection can be used with this system. Refer to the instructions that came with your camera for installation of the camera itself. This kit provides power for the camera, as follows:

ALL POWER CONNECTIONS ARE OUTPUTS.

DO NOT CONNECT VEHICLE POWER TO THESE CONNECTIONS.

ACC Output: Orange Wire: Accessory 12V+ (Key on ACC, IGN, or RUN). Max current 4 amps. Connect your camera power to this wire.

GROUND Output: Chassis ground. Ground your camera to this wire.

Connect your aftermarket camera to the Orange Accessory output wire, and Black Ground wire. Do **not** connect your camera to a reverse light or the reverse output on this kit. Failure to do so could cause "Camera Not Available" messages.

Important Notes:

- Camera must be connected to RCA connection **and** power before testing. If camera is not properly connected before vehicle is put in reverse, a "Camera Not Available" message will display and the camera will not function until the vehicle is power cycled. If this message is present, the programming **was** successful, but the display is not seeing a video signal.

- This kit can only be used on one vehicle. After initial programming this kit will be locked to the VIN of the vehicle. There is no reset or un-programming procedure for this module. If vehicle display is replaced or reprogrammed to factory specifications at the dealer, this kit can be used to reprogram the same vehicle to re-enable rear camera.

- 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.

Technical Support:

If you need technical support on this product **after** reading this manual thoroughly please contact the supplier you purchased it from and **have your invoice number ready**.