



ACCESSORY/REAR CAMERA PRODUCT SERIES

MyFord 4" Display Plug 'n' Play Rear Camera Interface

ARC-MFCAM

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-MFCAM Installation Kit
3. Backup camera with RCA video connection

Vehicle Applications: (See Compatible Displays)

- 2011+ Edge, Explorer, MKX
- 2012+ Focus
- 2013+ C-MAX, F150, Flex, Fusion, Taurus
- 2014+ Fiesta, Transit, Transit Connect

ARC-MFCAM Kit Contents:

1. ARC-GLOBALCAM Programming Module with Universal Harness
2. FRD09-BC3M Plug and Play T-Harness for MyFord Vehicles



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		INCOMPATIBLE DISPLAYS
BB5T-19C116-CK	DT4T-19C116-CA	BB5T-19C116-CJ
BT4T-19C116-CP	DT4T-19C116-CB	BT4T-19C116-CN
CB5T-19C116-CC	DT4T-19C116-CC	CE8T-18B955-AA
CB5T-19C116-CD	DT4T-19C116-CD	CE8T-18B955-AD
CB5T-19C116-GC	DT4T-19C116-GB	CJ5T-18B955-GC
CB5T-19C116-GD	DT4T-19C116-GD	CJ5T-18B955-GE
CK4T-18B955-CF	EA8T-18B955-CB	CJ5T-18B955-GF
CM5T-18B955-CF	EB5T-18B955-GA	CM5T-18B955-AB
CM5T-18B955-GB	EB5T-18B955-GC	CM5T-18B955-AD
CM5T-18B955-GD	EB5T-19C116-CA	CM5T-18B955-CE
CM5T-18B955-GE	EB5T-19C116-CD	CM5T-18B955-GF
CM5T-18B99-GG	EG1T-18B955-CA	CM5T-18B99-AD
DA8T-18B955-CD	EG1T-18B955-CD	D2BT-18B955-BE
DA8T-18B955-CF	EJ5T-18B955-CC	DA6T-18B955-BB
DB5T-19C116-CA	EJ5T-18B955-GA	DM5T-18B955-CD
DB5T-19C116-CBT	EL3T-18B955-CE	EJ5T-18B955-GB
DB5T-19C116-GA	EM5T-18B955-CF	EM5T-18B955-CA
DB5T-19C116-GB	EM5T-18B955-JB	EM5T-18B955-CB
DG1T-18B955-CD	ES7T-18B955-CA	
DL3T-18B955-CC	ES7T-18B955-CB	
DL3T-18B955-CD	ET4T-18B955-CC	
DL3T-18B955-CF	ET4T-19C116-GG	
DL3T-18B955-CG	FB5T-19C116-CA	
DS7T-18B955-CE	FB5T-19C116-GA	
DS7T-18B955-CF	FG1T-18B955-CA	

Step 2: Install T-Harness and Module

1. Remove 4-pin pigtail harness from ARC-GLOBALCAM Harness. This will not be used.
2. Connect 4-pin connector on ARC-GLOBALCAM to 4-pin connector on FRD09-BC3M T-Harness.
3. Connect T-Harness to FCDIM(Display). **Do this before connecting to vehicle.**
4. Connect opposite end of T-Harness to vehicle and turn key to *ON/IGN* position **within 5 seconds**. Do not start vehicle.
5. Wait 2 Minutes for programming to complete. FCDIM should restart **twice**.
6. Test programming once camera is installed (see next section) by placing car in reverse. Testing without camera installed will result in a “camera not available” message and will disable camera input temporarily.
7. If programming did not work: With ignition on, remove 2-pin jumper from FRD09-BC3M for 5 seconds, and replace. Programming procedure will restart.
8. See notes for more information.



Step 3: Install Rear View Camera

Camera is sold separately. Any aftermarket rear-view camera that uses an RCA connection can be used with this system. The ARC-MFCAM must be connected before the radio is re-connected, and it must stay connected to the harness for continual operation.

Wiring Connections as follows: Connect these to your aftermarket device as needed.

ALL CONNECTIONS ARE OUTPUTS. DO NOT CONNECT VEHICLE POWER TO THESE CONNECTIONS.

BATT 12V+ Output (Optional): 12V+ Constant. Max current 5 amps. This is not used in most installs.

ACC Output: Accessory 12V+ (Key on ACC, IGN, or RUN). Max current 5 amps.

GROUND Output: Chassis ground

Connect your aftermarket camera to the Red Accessory output wire, and Black Ground wire.

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.
- 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 modules are 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.

Technical Support:

If you need technical support on this product, please contact the supplier you purchased it from and have your invoice number ready.