

ARC-MFSAT



ARCTM

ACCESSORY/REAR CAMERA PRODUCT SERIES

MyFord 4" Display Plug 'n' Play Sirius Radio Add-on Kit

ARC-MFSAT INSTALLATION MANUAL

Full Plug 'n' Play kit for installing Sirius Radio in compatible vehicles

Required for Install:

1. "Satellite Ready" MyFord Vehicle
2. ARC-MFSAT Installation Kit
3. Pre-Programmed ACM with built-in Sirius

Vehicle Applications: (See Compatible Displays)

- 2011+ [Edge, Explorer] (*Without SYNC*)
- 2012+ [Focus] (*With SYNC*)
- 2013+ [Escape, F150*, Flex, Fusion] (*With SYNC*), [Taurus] (*With or without SYNC*)
- 2014+ [Transit, Transit Connect] (*With 18B955 Display/AM-FM-CD Radio*)
- 2015+ [Mustang]

**F150 Must be MyFord – DL3T, EL3T or FL3T FCDIM(Display)*

ARC-MFSAT Kit Contents:

1. ARC-GLOBALCAM Programming Module with Universal Harness
2. FRD09-BC3M Plug and Play T-Harness for MyFord Vehicles
3. 73831 Universal Magnetic Mount Sirius Radio Antenna



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: Install Modules and Antenna

IMPORTANT NOTE:

Instructions on T-Harness are for use when replacing defective modules **after** initial installation. Please disregard the notes on the harness for the initial install and carefully read this install manual.

1. Install pre-programmed ACM (Radio)
 - a. If using customer supplied or other non-pre-programmed ACM, program to as-build per VIN before continuing.
2. Install antenna on **exterior** of vehicle.
 - a. Route Sirius antenna to outside of vehicle at highest possible point.
 - b. Make sure there are no pinch-points or places where antenna will rub on metal surfaces. Premature antenna failure due to improper installation is **not** covered by warranty.
 - c. For additional information on antenna installation see last page of install manual.
 - i. visit the SiriusXM Install Website: <http://goo.gl/YB5Fer>
3. Connect new antenna and all other connections to new ACM.
4. If installing a rear-view camera, install it at this point.
 - a. See important camera information on last page.

Step 2: Install T-Harness and Module

1. Remove 4-pin pigtail harness from Harness. This will not be used.
2. Connect T-Harness to FCDIM(Display). **Do not connect module yet.**
3. Connect opposite end of T-Harness to vehicle and turn key to *ON/IGN position*. **Do not start vehicle.**
4. Connect module to 4-pin connector on T-Harness. This will begin the programming procedure within 5 seconds. *(You may need to install the supplied 4-to-6 pin adapter)*
5. Wait 2 Minutes for programming to complete. FCDIM should restart **twice**.
6. Test programming once programming is completed. See next page for information on accessing Sirius mode if no button is present.
7. If Sirius option is “greyed out”: With ignition on, disconnect module at the 4-pin connector for 5 seconds, and replace. Programming procedure will restart.
8. Use electrical tape to isolate any loose wires to prevent shorting.



Step 3: Additional Information

This kit also provides accessory, 12V constant, and ground output. These are for use with aftermarket accessories and may not be used in your installation if only adding satellite radio.

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

If installing an aftermarket camera, use 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 and/or Sirius Satellite Radio.
- 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, please contact the supplier you purchased it from and have your invoice number ready.

Accessing Sirius:

Accessing Sirius on vehicles without a 'SAT' button:



Note: To scroll through the following menus and make adjustments, press ▲ / ▼ or ◀ / ▶ . Press ◀ to return to the previous screen or ▶ to advance to the next screen. At any time, you can press MENU to close the menu screen.

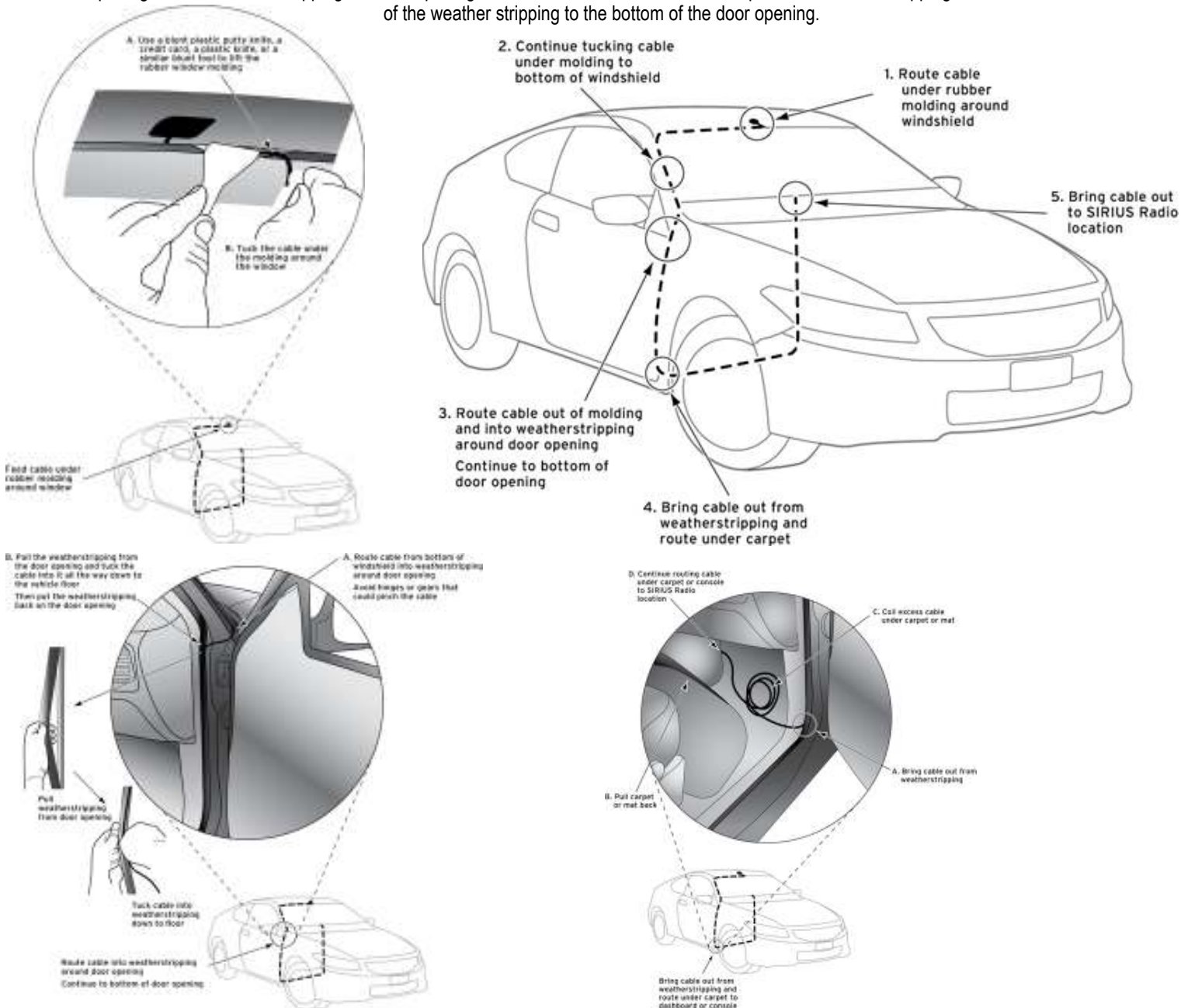
To get to SIRIUS (if equipped): From AM/FM, hit ◀ **Twice** to bring you to list of sources. Scroll down and select Sirius.

- **Scan:** Select for a brief sampling of all available channels.
- **Show ESN:** Select to view your Satellite Radio Electronic Serial Number (ESN). You will need this number when communicating with SIRIUS_ to activate, modify or track your satellite radio account.
- **Channel Guide:** Select to view a listing of available satellite radio channels. Press OK or to enter the Channel Guide and then scroll through available channels. In this guide, you can choose to Tune Channel, Skip Channel or Lock Channel by pressing the OK button when the desired channel is selected. Once a channel has been skipped or locked, you can only access those channels by pressing Direct and entering in the channel number. Locking or unlocking a channel also requires you to enter your PIN.
- **Set Category:** Select to scroll through a list of available SIRIUS_ channel categories (Pop, Rock, News, etc.) **Note:** If you select a category, the seek and scan functions will only stop on channels in that category.
- **Alerts:** Select this to create an alert for a particular song or artist or team. The system will then alert you when it is playing on another channel. From this screen you can also maintain alerts, enable/disable and delete alerts from your list. You can save up to 20 alerts. If you attempt to save an alert and your list is full, the system will prompt you to delete one.
- **Unlock All Stations:** Select this and use your PIN to unlock all previously locked channels (from the parental lock feature).
- **Skip No Stations:** Select this feature and use to 'unskip' all channels you previously selected to skip.
- **Parental Lock (PIN):** Select to create a PIN which will allow you to lock or unlock certain channels. **Note:** Your initial PIN is 1234.

Routing the Antenna Cable from the Windshield

Here's how to route the antenna cable from the Magnetic Mount Antenna to your SIRIUS Radio, when the antenna is mounted above the windshield. See the detailed explanations below the main illustration. You can also view the detailed break-out illustrations for each major step by clicking on the link that is highlighted in blue in each section.

1. Use a plastic blunt putty knife, a credit card, a plastic knife, or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath it.
2. Continue tucking the cable underneath the windshield molding around the windshield to the lowest corner.
3. At the lowest corner of the windshield, route the cable out of the windshield molding and into the rubber weather stripping around the door opening. Lift the weather stripping from the opening and tuck the cable inside it. Then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening.



4. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with cable ties or wire ties.
5. Bring the end of the cable out near your XM Radio location. Leave yourself enough cable so you can easily connect it to the radio.

Rear-View Camera Installation:

IF YOU DID NOT ORDER THIS KIT FOR REAR CAMERA, DISREGARD THIS PAGE!

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!

Important Note 2: This kit **must** be ordered with rear-camera programming to perform this function. By default this kit will only add Satellite Radio. Call supplier for more info.

1. Verify FCDIM-Display Part Number before installation!

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	

Notes: