

PRODUCT FEATURES:

- Activates Rear-view camera function via OBD II port.
- Forced rear view camera option.
- Retains functionality of Factory-installed Navigation System for passenger access at anytime.
- Plug and Play Installation.

RADIO COMPATIBILITY:

- MyFord Touch 8" MS-Sync Gen 3

IMPORTANT INSTALLATION NOTES:

1. OBD2 dongle can be used for one vehicle.
2. During programming process, maintain battery voltage above 12V.
3. Do not interrupt while programming radio by disconnecting OBD2-Dongle or Turn key OFF.
4. Programming process takes less than 15 seconds.
5. Vehicles with Manual Transmission are not compatible.

PARTS INCLUDED:



RVCFD-79F
VIM MODULE



RVCFD-79F VIDEO
INTERFACE MODULE



RVCFD-79F
OBD2 CODER



RVCFD-79F
T- HARNESS

LED INDICATOR STATUS:

OBD2 CODER:

The LEDs are located inside the right side of the 8-Pin connector of the OBD2 Coder.

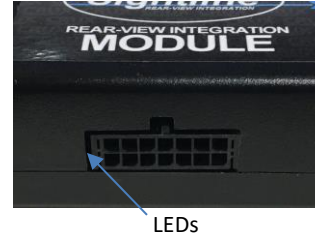
<u>LED</u>	<u>Description</u>
BLUE Solid	Normal Operation
RED Solid	Invalid Operation
Blinking with blue LED OFF	License Expired (OBD2 Coder has been used)
GREEN Solid	RVC Coding successful
Blinking with blue LED OFF	License Invalid / Blue LED ON = Diagnostic coding in progress
RED & GREEN Solid	Can Communication Error or Diagnostic session terminated with error



RVCFD-79F Video Interface Module:

The LEDs are located inside the left side of the 14-Pin connector of the Video Interface Module.

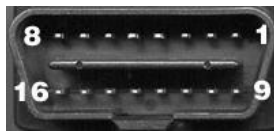
BLUE ON	Valid CAN / Normal operation mode
BLUE OFF	Sleep Mode
RED ON	RVC Programmed Successfully
RED OFF	RVC Coding has been completely removed



OBD2 CODER LICENSE NOTE:

The OBD2 Coder can only be licensed to one vehicle. To verify if the OBD2 Coder has been used or not, connect power to the OBD2 connector as follows: Pin 4 or 5 to Ground and Pin 16 to +12V and observe the LED condition:

RED flashing = License has been used
 GREEN flashing = Valid License (not yet used)



OBD2 CODING PROCESS:

1. Locate the OBD2 port, typically under the steering wheel column.
2. Turn the key to the ON position (do not start the engine). Turn off head lights.
3. Turn on radio and wait until it is in its normal operation.
4. Plug the OBD2 Coder into the OBD2 port.
5. Wait until you see a solid GREEN LED then remove the OBD2 coder from the OBD2 port.
6. Turn the key to the OFF position, remove key, open driver door then close it.
7. Open the driver door, start engine and put the gear in REVERSE. If a camera is connected, you will see the camera image on the radio screen. If no camera is connected, within 20 seconds of putting the gear in reverse, the radio screen will switch to a blue screen with the message "Service Rear Vision System. This means that the RVC was coded successfully.
8. There is an option to the remove the RVC coding. To do this, repeat steps 2 to 5 and put the gear in reverse to verify that the coding has been removed.

INSTALLATION INSTRUCTIONS:

1. Remove the display monitor and connect the RVCFD-79F 54-Pin T-harness between the factory display and harness.
2. Connect the WHITE wire on the RVCFD-79F harness labeled "Reverse Output 12V 500mA" to the camera +12V power (RED wire) and the BLACK wire labeled "Camera Ground" to the camera ground wire.
3. Connect the YELLOW female RCA labeled "VDO Signal Output" to the camera cable RCA.
4. Apply the e-brake and put the vehicle in reverse gear. Verify the camera image on the display.



5. To enable the Forced RVC feature, set DIP#4 to ON and apply +12V to the GREEN wire of the RVCFD-79F T-harness. We recommend adding a toggle switch (not included).
6. To enable the Video in Motion function, set DIP#1 to ON. Set to OFF to disable this function.

NOTES:

1. After disconnecting the factory 54-pin radio harness, it may take up to 2 minutes for the radio to perform self diagnostic and reboot.
2. After the reverse gear is disengaged, the WHITE wire will be energized for 11 seconds meaning the reverse camera will stay on for 11 seconds.
3. The WHITE wire will generate +12V while in Forced RVC feature.

DIP SWITCH SETTINGS:

The DIP switches are on the RVCFD-79F VIM Module.

DIP 1	OFF = VIM Disabled / ON = VIM Enabled
DIP 2	ON Rear-View Camera Enable
DIP 3	OFF N/A
DIP 4	ON = Forced RVC Option (connect GREEN wire to +12V)
DIP 5	OFF CAN Termination Radio Side
DIP 6	ON CAN Termination Car Side

VEHICLE APPLICATIONS:

FORD
 2015 – 2017 C-MAX

COMPATIBLE RADIO:

- MyFord Touch 8" MS-Sync Gen 3

