

# RL-FD79F-TF

## Rear-view camera input compatible with Ford and MyFord Touch 8" MS-Sync Gen 3

### Delivery contents

*Take down the SW-version and  
HW-version of the interface boxes,  
and store this manual for support  
purposes.*

HW \_\_\_\_\_

SW \_\_\_\_\_



### Legal Information

Changes/updates of the vehicle's software can cause malfunctions of the interface. We offer free software-updates for our interfaces for one year after purchase. To receive a free update, the interface must be sent in at own cost. Labor cost for and other expenses involved with the software-updates will not be refunded.

## Check compatibility of vehicle and accessories

### Requirements

Vehicle Various Ford vehicles

Navigation MyFord Touch 8" MS-Sync Generation 3



### Limitations

- On vehicles with Manual Transmission the white wire on the harness RLC-VD79F have no function (reverse Output 12V 500mA)
- After the first use on a vehicle, the coder OBD-501-R is personalized to this vehicle and can be used unlimited times to code or reverse coding on this vehicle.

## Installation

1. Remove the display monitor and connect the RLC-VD79F 54-Pin 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 (on vehicles with manual transmission the white wire have no function)  
RLC-VD79F have no function (reverse Output 12V 500mA)
3. Connect the YELLOW female RCA labeled "VDO Signal Output" to the camera cable RCA
4. To enable the Forced RVC feature, set DIP4 to ON and install a switch (not included) between +12V and the GREEN wire of the RLC-VD79F harness

### Notes:

- After disconnecting the factory 54-pin radio harness, it may take up to 2 minutes for the radio to perform self diagnostic and reboot
- 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
- The WHITE wire will generate +12V while in Forced RVC feature

## Setting the Dip-switches of the Can-Box TV-500-A

Function	Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6
Video-in-motion permanent	ON	ON	OFF	OFF	ON	ON
Video-in-motion permanent and forced RVC option activate	ON	ON	OFF	ON	ON	ON

### Note: Dip switch functions of the TV-500-A

Dip 1 – activation video in motion

Dip 2 – Rear-View Camera Enable

Dip 3 – no function

Dip 4 – Forced RVC Option (connect GREEN wire to +12V)

Dip 5 – CAN-bus termination resistor on the head-unit side

Dip 6 – CAN-bus termination resistor on the vehicle side

## Camera coding

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

To reverse the coding repeat steps 1.-8.

After the first use on a vehicle, the coder OBD-501-R is personalized to this vehicle and can be used unlimited times to code or reverse coding on this vehicle.

### LED information:

LED	Status	Explication
Green	Lights	Coding procedure successfully completed
	Flashes	Coding process is running
Red	Lights	Remove coding procedure successfully completed
	Flashes	Coding process failed / license violation
Green + Red	Lights	CAN Communication Error! - Abort of the diagnostic session

## Technical Support

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