

CI-RL-SY3

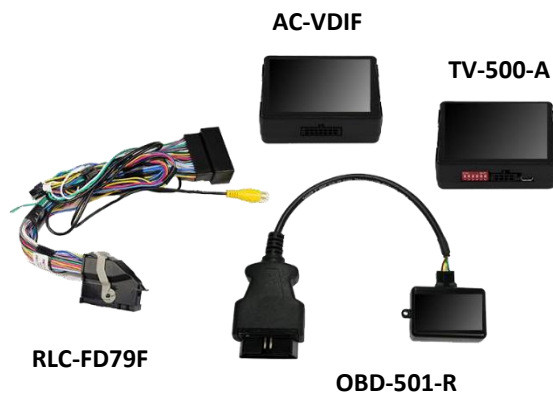
Rear-view camera input compatible with Ford Sync3

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. Labour 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 Ford Sync3 Touch 8"



Limitations

- On vehicles with Manual Transmission the white wire on the harness RLC-FD79F 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-FD79F 54-Pin harness between the factory display and harness
2. Connect the WHITE wire on the RLC-FD79F 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)
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
Automatic RVC option active	OFF	ON	OFF	OFF	ON	ON
Manual/forced RVC option active	OFF	ON	OFF	ON	ON	ON

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

Dip 1 – Set OFF

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 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

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