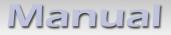**CARAUDIO-SYSTEMS**

RL-FD79A

Rear-view camera input compatible with Ford and 4" FULL COLOR Screen

Delivery contents

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

HW_____

SW_____

Caraudio-Systems
multimedia integration
RLC-FO01-A
Rear View Camera
Interface

RL-FD79A

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.
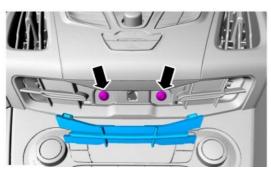
Check compatibility of vehicle and accessories

Requirements

Vehicle   Ford:

2013 – 2014	C-MAX
2012 – 2016	Edge
2013 – 2016	Explorer
2013 – 2016	F-150
2013 – 2014	Fiesta
2013 – 2016	Flex
2013 – 2016	Focus
2013 – 2016	Fusion
2013 – 2016	Taurus
2015	Transit
2014 – 2015	Transit Connect

Navigation   Ford 4 Inch FULL COLOR Screen
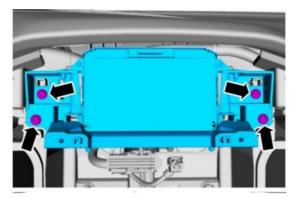
Installation

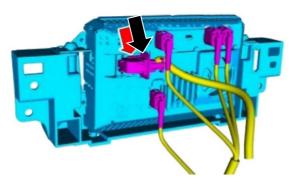Please note that the display removal procedure may vary and subject to change.

1. Remove the trim below the radio bezel to expose the 2 screws.

2. Carefully pop off the radio bezel making note that it is held by 2 clips as shown on the illustration above.

3. Remove the 4 screws holding the display screen.

4. Disconnect the factory 12 pin connector from behind the display screen and plug into the female 12 pin connector of the RVCFD-79A T-harness.

5. Plug the 12 pin male connector of the RVCFD-79A T-Harness into factory Display.

6. Connect White Wire labeled "Reverse Output,12V 500 mA" to the camera +12V Power wire.

7. Connect Black Wire labeled "Camera Ground" to the camera's Ground wire.
   NOTE: DO NOT connect the camera ground wire to chassis.

8. Connect the Yellow female RCA labeled "VDO signal Input$^{2/3}$" to camera (Not included)
   Note on the White wire:
      a. After the Reverse Gear is disengaged, the White wire will stay powered for up to 11 seconds.
      b. White wire will generate 12V Output while Force RVC enable

9. The battery voltage should be maintained above 12.5 volts during the coding process. Make sure to turn off the head light, HVAC or any other accessories that may put a load on the car battery.

10. Switch Ignition to ON, turn radio ON and wait until the Radio performs its normal operation.

11. Set DIP Switch# 2 from OFF to ON.
    Upon completion of the coding process, the radio display may reboot. This is normal.

12. To test the reverse camera, start the engine, verify that the surroundings is clear and put vehicle into reverse. Verify the that reverse camera image is shown on the display screen.
    Note that the vehicle's VIN number is stored in the module and cannot be used in another vehicle.
    The display screen will have a Blue image if no camera is connected.
    Refer to LEDs status for trouble shooting, if necessary.

Force RVC Camera Feature:
The RVCFD-79A has a Force RVC feature which allows the viewing of the reverse camera at any time. To use this feature, set DIP switch# 4 to ON and apply +12V to the Green wire. You can use a toggle switch (not included) between +12V and the Green wire to have the option of turning this feature ON and OFF.

DIP SWITCH SETTING

DIP 1	OFF	VIM Disable
DIP 2	ON	Rear-View Camera Enable
DIP 3	OFF	N/A
DIP 4	OFF	Option for GREEN Wire
DIP 5	OFF	CAN Termination Radio Side
DIP 6	ON	CAN Termination Car Side

LED information:

LED	Status	Explication
Blue	On	Valid CAN / Normal operation mode
Blue	Off	Sleep mode
Blue	Blinking	CAN BUS validation
Red	Blinking Fast	Coding in process
Red	On	Coding procedure successfully completed
Red	Off	Remove coding procedure successfully completed
Red	Blinking Slow	CAN Communication Error! - Abort of the diagnostic session
Red	Blinking	Coding process failed / license violation

Technical Support

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CE ===12V DC