

Product Features

- Rear-view camera input.
- Provides 3 AV Inputs.
- With OE type Dynamic Parking Guidelines.
- Toggle AV inputs from OE radio button, wireless remote control or wired push button switch provided.
- On-screen display and setup.

Vehicle Applications

FORD

2017	Explorer
2016 - Up	F-150
2016 - Up	Focus
2016 - Up	Mustang

Navigation / Radio Compatibility

- Works on Ford vehicles with Sync 3 radios.



Explorer



F-150



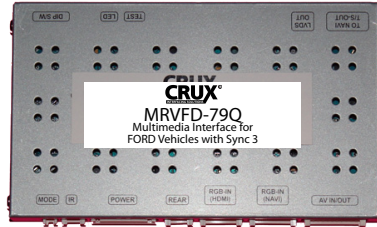
Focus



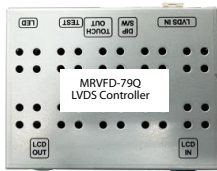
Mustang



Parts Included



MRVFD-79Q Module



LVDC Controller



Power Harness



LVDS Cable



LCD IN Cable



LCD OUT Cable



Uart Touch Cable



RGB Cable



AV Cable



REAR CAM
Power Harness



PUSH BUTTON
Selector



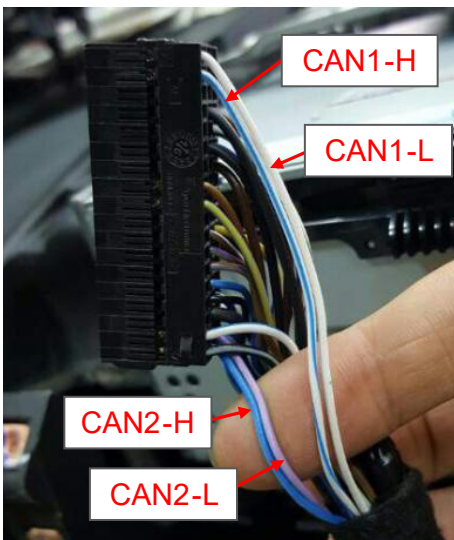
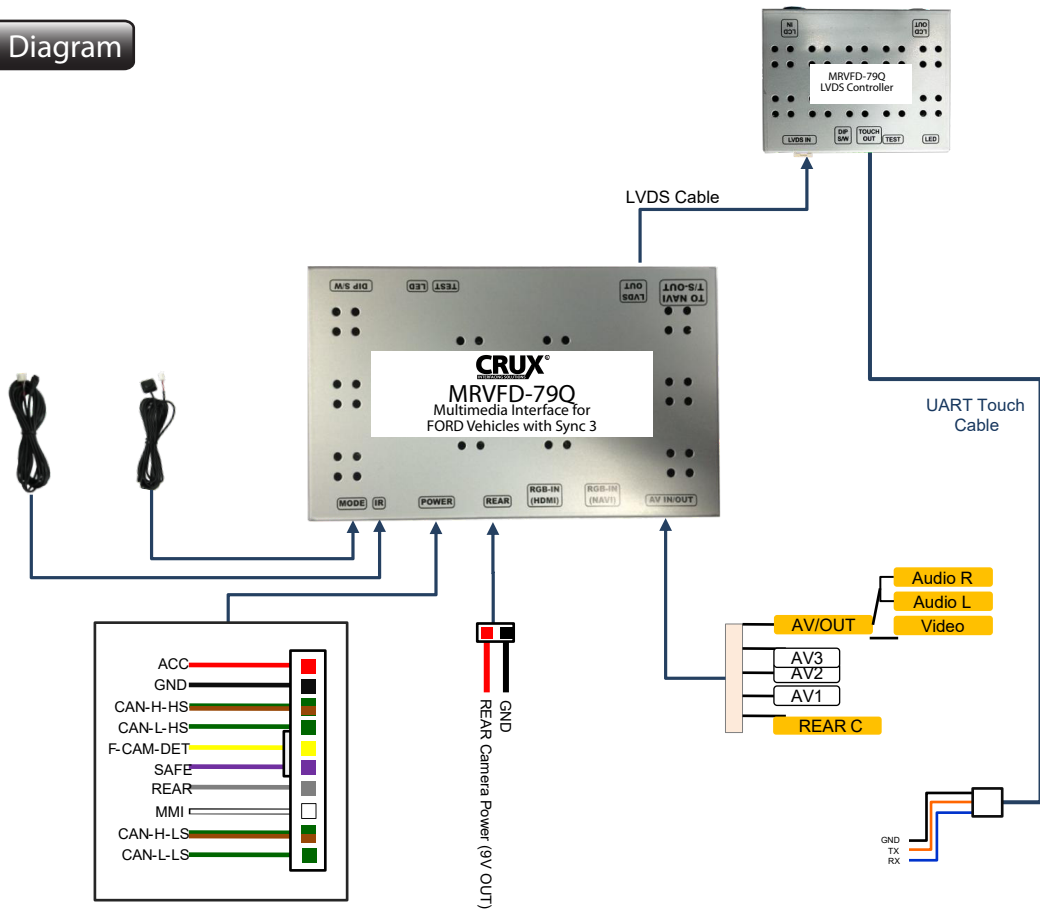
IR Cable



Remote Control



Wiring Diagram



Find OEM cable connector (picture included on the left) behind the monitor

Choose CAR MODEL: "SYNC3 TYPE2"

CAN1 : Gear data, PAS data

CAN2 : Monitor button data

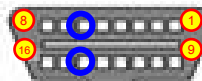
- Connect OEM CAN1-H (Blue + White) wire to supplied CAN -H-HS (Brown + Green) wire
- Connect OEM CAN1-L (White) wire to supplied CAN-L-HS (Green) wire
- Connect OEM CAN2-H (Blue + Grey) wire to supplied CAN -H-LS (Brown + Green) wire
- Connect OEM CAN2-L (Purple + Grey) wire to supplied CAN-L-LS (Green) wire

EXPLORER, MUSTANG, F150

Find OBD and connect the supplied power cable to OBD. Do not connect OEM cable connector behind the monitor to the supplied power cable

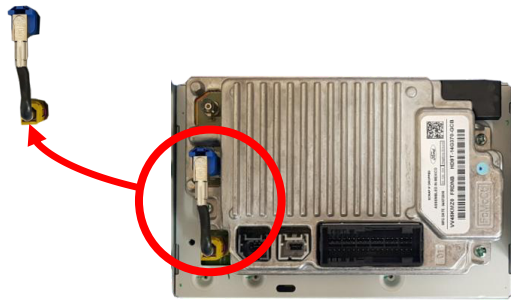
(Monitor buttons are not supported)

Choose CAR MODEL: "SYNC3"

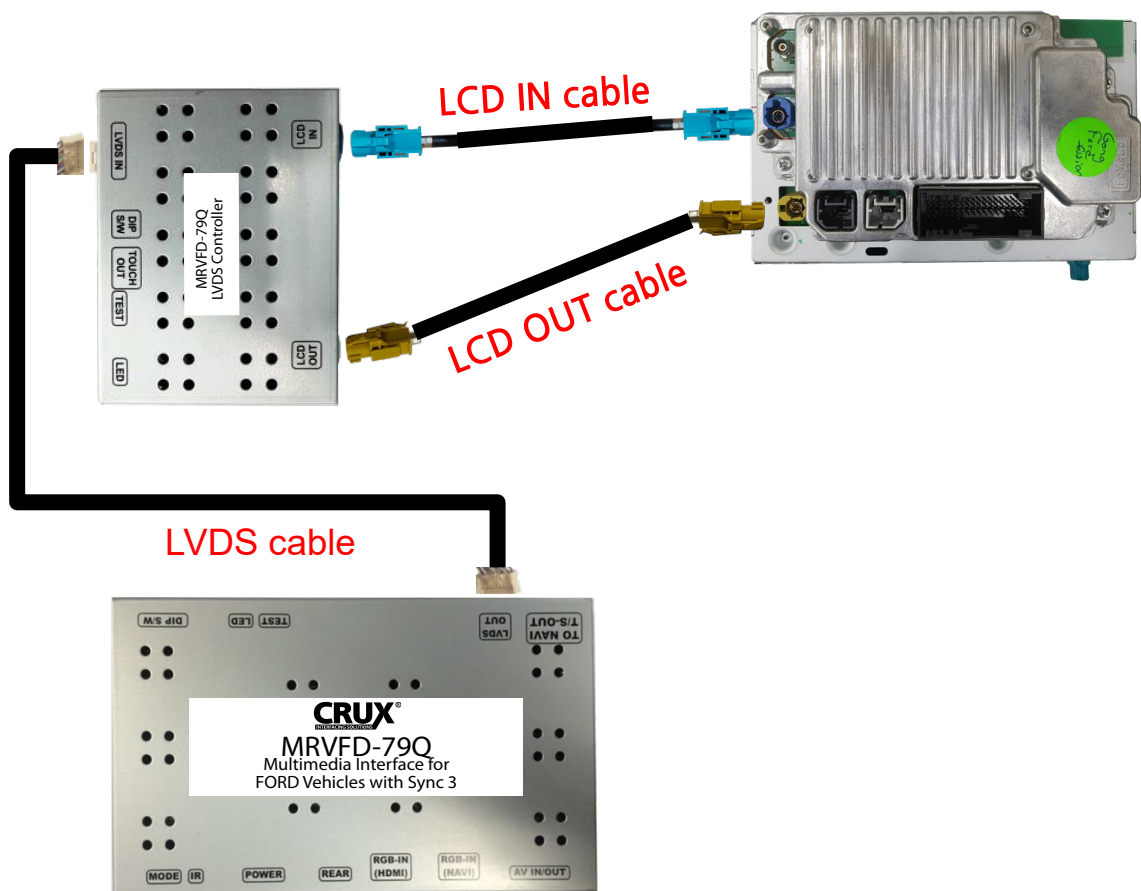


- Connect OBD pin 6 (CAN -H) to supplied CAN-H-HS (Brown + Green) wire
- Connect OBD pin 14 (CAN -L) to supplied CAN-L-HS (Green) wire





Remove OEM LCD cable on the back of the radio



DIP Switch Settings



ON: DOWN / OFF: UP

PIN	Function	DIP Switch
1	RGB mode	OFF: RGB (NAVI) ON ON: RGB (NAVI) OFF
2	AV1 mode	OFF: AV1 ON ON: AV1 OFF
3	AV2 mode	OFF: AV2 ON ON: AV2 OFF
4	AV3 mode	OFF: AV3 ON ON: AV3 OFF
5, 6	No Function (Set to OFF)	
7	Rear Camera	OFF: OEM Rear camera ON: Aftermarket rear camera
8	No Function (Set to OFF)	

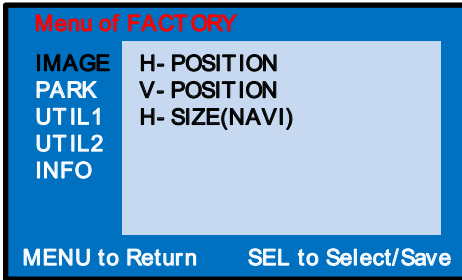
Remote Control



Key	Function
POWER & PIP	No use
MENU	Activate FACTORY mode
OK	Select / Change image display
▲	UP
▼	DOWN
◀	LEFT (press this button for 2 seconds to access the factory mode)
▶	RIGHT (press this button for 2 seconds to access the factory mode)

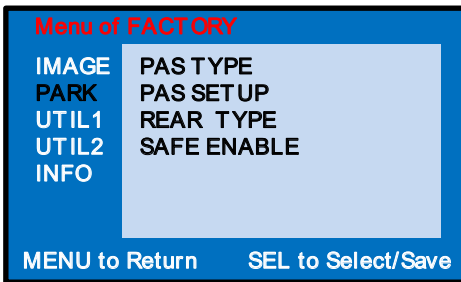


Adjusting Screen position and size



H-POSITION : Move the image horizontally
V-POSITION : Move the image vertically
H-SIZE(NAVI) : Adjust the size of navigation
image horizontally

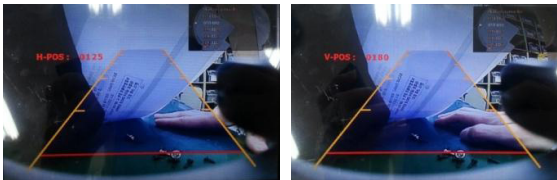
Setting the Rear View Camera



PAS TYPE: Parking guideline setting

- NOT USED: No use parking guideline
- PAS ON: Selecting Dynamic parking guide line
- PAS OFF: Selecting fixed parking guide line

PAS SETUP: Adjusting the position of the parking guide line



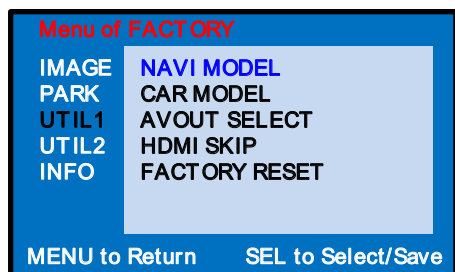
REAR TYPE: Choose rear camera recognition.

- CAN: Reverse Camera is triggered by CAN when shifting into reverse.
CAN wire of module must be connected to CAN wire of car.
- LAMP: Reverse Camera is triggered when the reverse light turns on.
Connect "Rear-C" cable of the power cable the reverse light.

SAFE ENABLE: ON = VIM feature is turned OFF.
OFF = VIM feature is turned ON.



Select NAVI and CAR MODEL



NAVI MODEL : Select RGB Navigation model

CAR MODEL : Select car models.

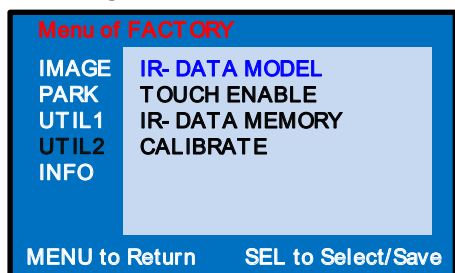
- SYNC3 : F150, EXPLORER, MUSTANG
- SYNC3 TYPE2 : FOCUS

AV OUT SELECT Select Aux Audio from AV Modes

HDMI SKIP : Skip HDMI mode

FACTORY RESET : Set back to factory defaults

Setting for other options



IR DATA MODEL : Resistor IR Memory of DVD, DTV
(Default, User)

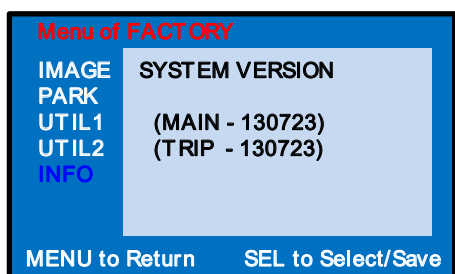
TOUCH ENABLE : Activate/Deactivate
UI remote touch

IR DATA MEMORY : Enter Remote values
of DTV, DVD

CALIBRATE: Activate Touch calibration

Refer to IR manual for IR settings

Check product version



Change modes via OEM button on Ford FOCUS Only CAR MODEL - SYNC3 TYPE 2



SOUND button

Long press—Switch Modes

Short press – Return to OEM mode

Short press while in Rear camera mode

Aftermarket rear camera ↔ OEM rear camera

