

PRODUCT FEATURES:

- Smart-Play Integration system allows connection of Android and other smartphones to the Chrysler infotainment system.
- Integrates Wired/ Wireless Android Auto and CarPlay.
- Retains functionality of the OEM backup camera if present.
- Front camera automatically shows on the screen after changing the gear from reverse to drive.
- Allows for smartphone mirroring

NOTE: Vehicle must have AUX Input port

PARTS INCLUDED:



ACPCH-01W Module



Power Harnesses



Smartphone Interface Module



OSD Controller



4K HDMI Cable



Microphone



LVDS Video Cable



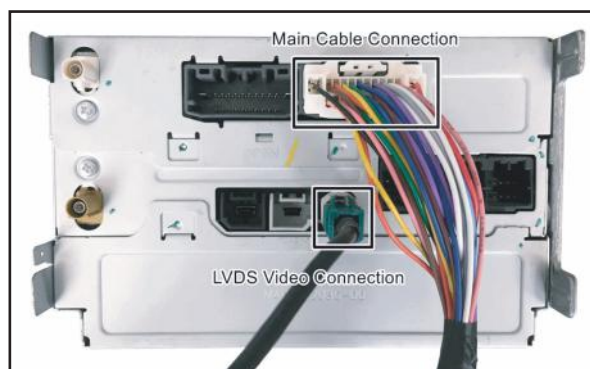
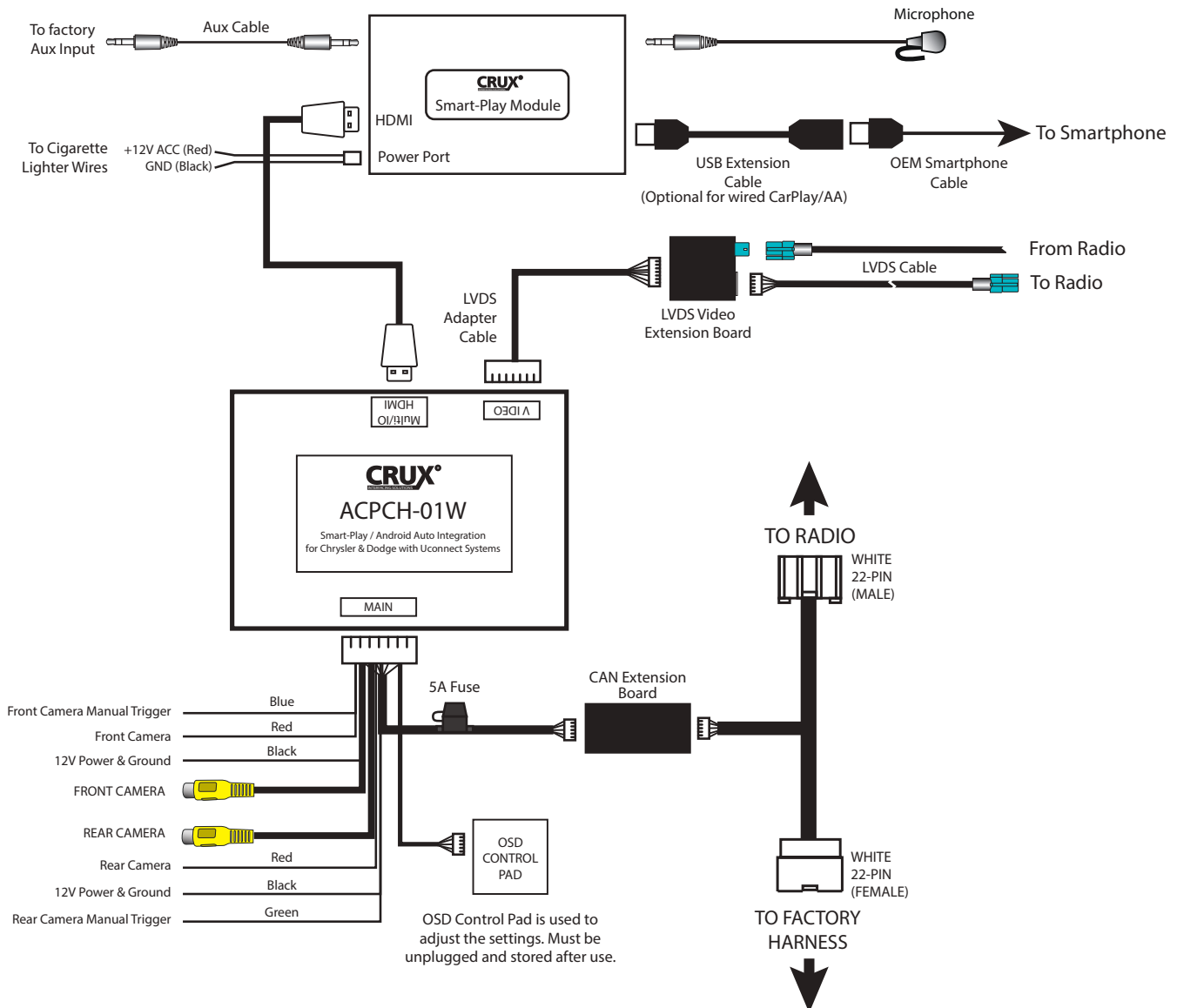
3.5mm Aux Cable



Smart-Play Module Power Harness



WIRING DIAGRAM:



DIP SWITCH SETTINGS:



Note: ON is down and OFF is up



8.4" Screen



4" Screen



INSTALLATION INSTRUCTIONS:



1. Use a panel removal tool to remove the left and right side trims.



2. Remove the 2 T20 torx screws.



3. Gently pull out the control panel.



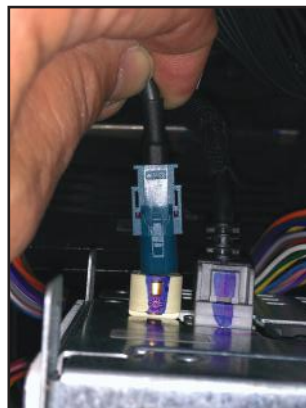
4. Unplug the connector.



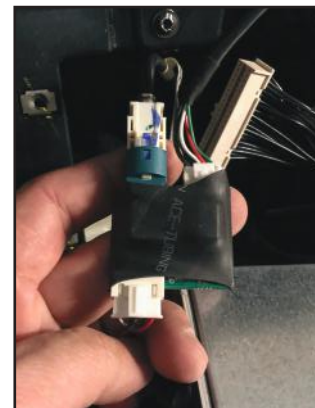
5. Remove the 4 T20 screws.



6. Unplug the radio connector and plug it to the T-harness. Plug the other end of the t-harness to the radio.

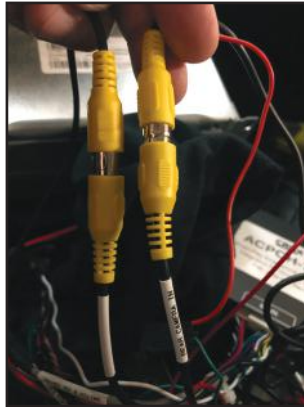


7. Unplug the factory LVDS connector and plug it to the LVDS video board. Plug the LVDS connector from the LVDS video board to the radio.

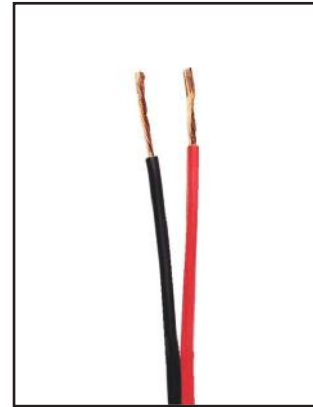




8. Plug in the main harness to the ACPCH-01W module.



9. Plug in the camera RCAs to be used and tap the power to the camera power wires.



10. Tap the Smart-Play power and ground wires to the cigarette lighter wires.



11. Plug in the power plug, 4K HDMI cable and the 3.5mm Aux cable to the Smart-Play module. Run the 3.5mm Aux cable to the factory Aux input location



12. Plug in the USB extension cable and mic to the Smart-Play module. Run the USB extension cable to an accessible location. Run the mic cable to the A pillar.



13. Plug in the Aux cable to the factory Aux input port. Possible location of this port is in the center console.



USB

Mic In



Line Out (Aux)

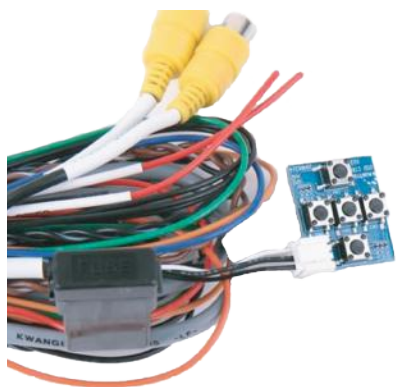
HDMI

Power Port

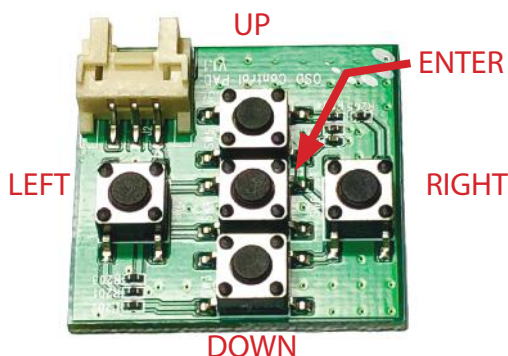


ON SCREEN DISPLAY (OSD) SETTINGS:

The OSD Setting Screen automatically pops up when the OSD Control Pad is connected.



OSD Control Pad

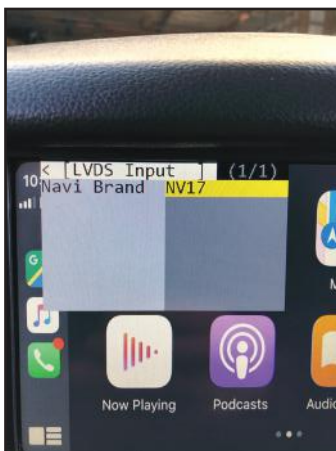


Use the OSD menu to make the necessary settings. Remember to Run Save&Reboot after the settings are made. Unplug the OSD Control Pad after setting the cameras and keep it in a secure location in case it is needed to change the settings.

SMART-PLAY SETTING



After plugging in the OSD controller, navigate down to LVDS Input and set to ON. Push RIGHT button to go to the next menu.



Set Navi Brand to NV17



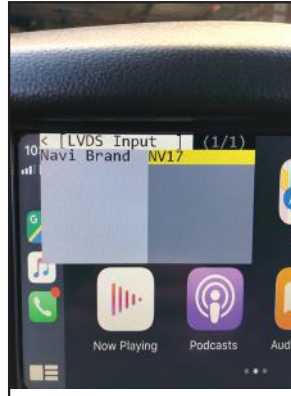
Navigate the OSD back the main menu and go to Save&Reboot then Run.



SMART-PLAY SETTING



After plugging in the OSD controller, navigate down to LVDS Input and set to ON. Push RIGHT button to go to the next menu.



Set Navi Brand to NV17



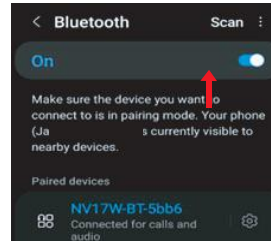
Navigate the OSD back the main menu and go to Save&Reboot then Run.

WIRELESS CARPLAY/WIRELESS ANDROID AUTO CONNECTION SETTINGS

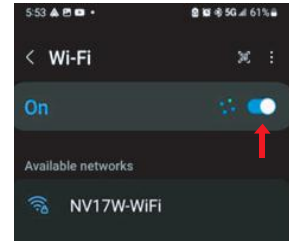
Android Auto Wireless connection



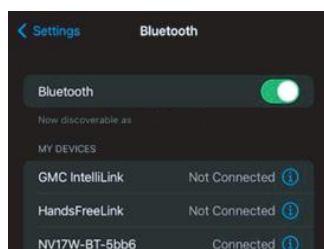
Have Android AutoLink OFF



Have wifi & Bluetooth enabled.



Apple Carplay Wireless Connection



Have wifi & Bluetooth Connected

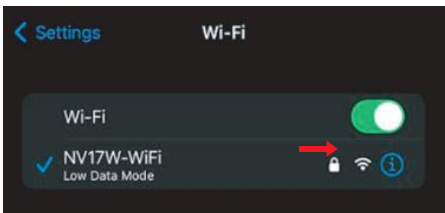


Wait for screen that will state Use Carplay with "NVF17W-WIFI"

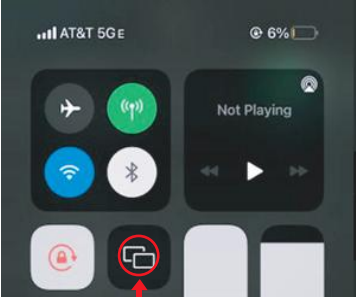


SMARTPHONE MIRRORING CONNECTION

Smartphone Mirroring Connection for Iphones



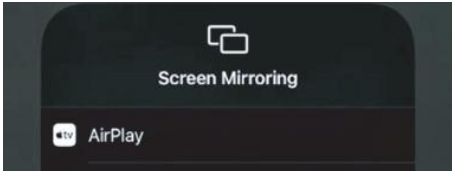
Enable Wi-Fi and connect to " NV17W " module



Open Control Center and Tap Screen Mirroring

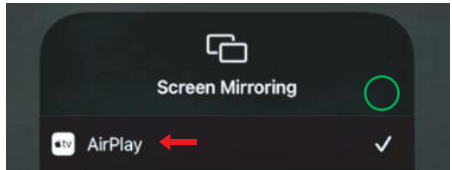
a. On iPhone X or later; iPad with iPadOS 13 or later: Swipe down from the upper-right corner of the screen.

b. On iPhone 8 or earlier or IOS 11 or earlier: Swipe up from the bottom edge of screen



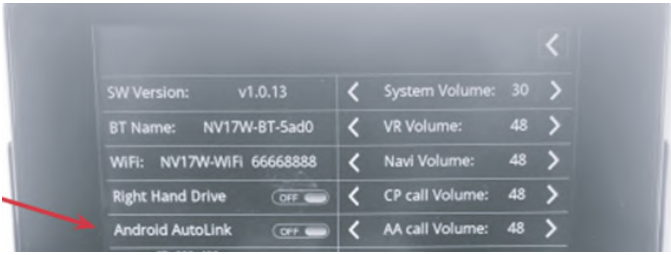
Airplay will pull up on sreen mirroring app

↓

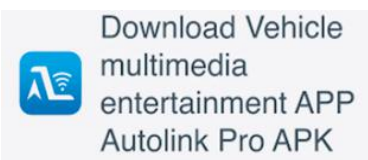


Select " Airplay "

Smartphone Mirroring Connection for Androids



Enable Android AutoLink

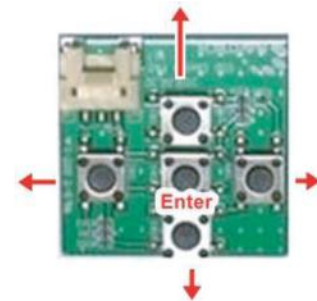
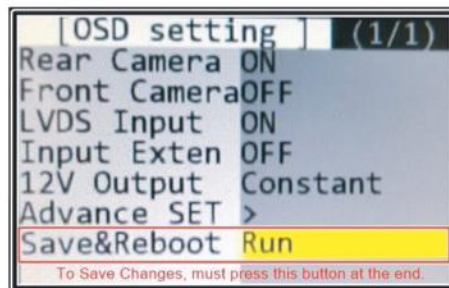
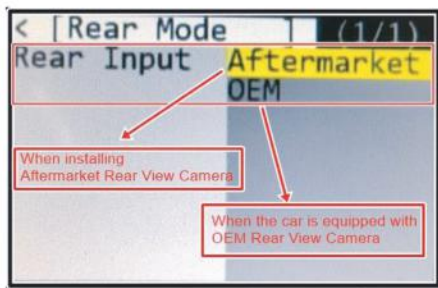
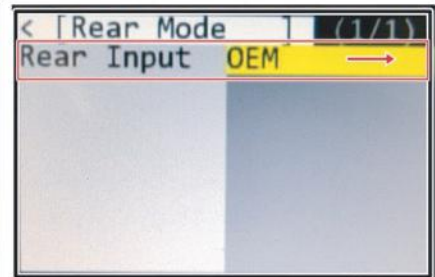
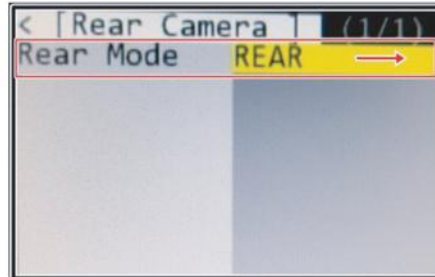


↓

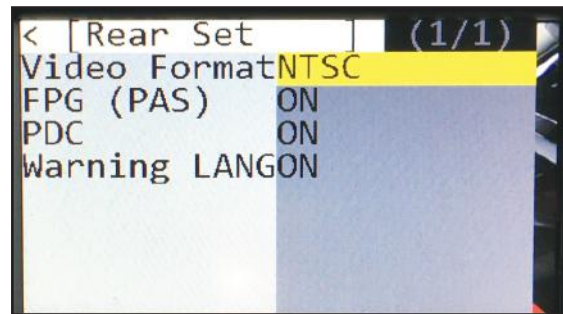
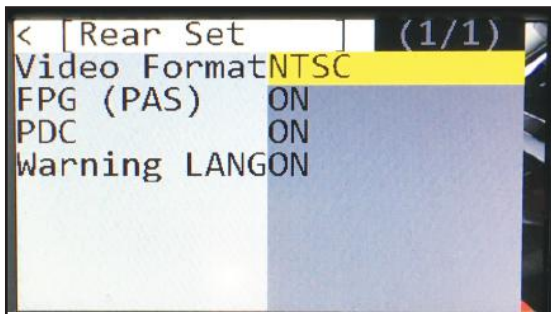
Download AutoLink Pro APP
Available in the "Play Store"



REAR AND FRONT CAMERA SETTING



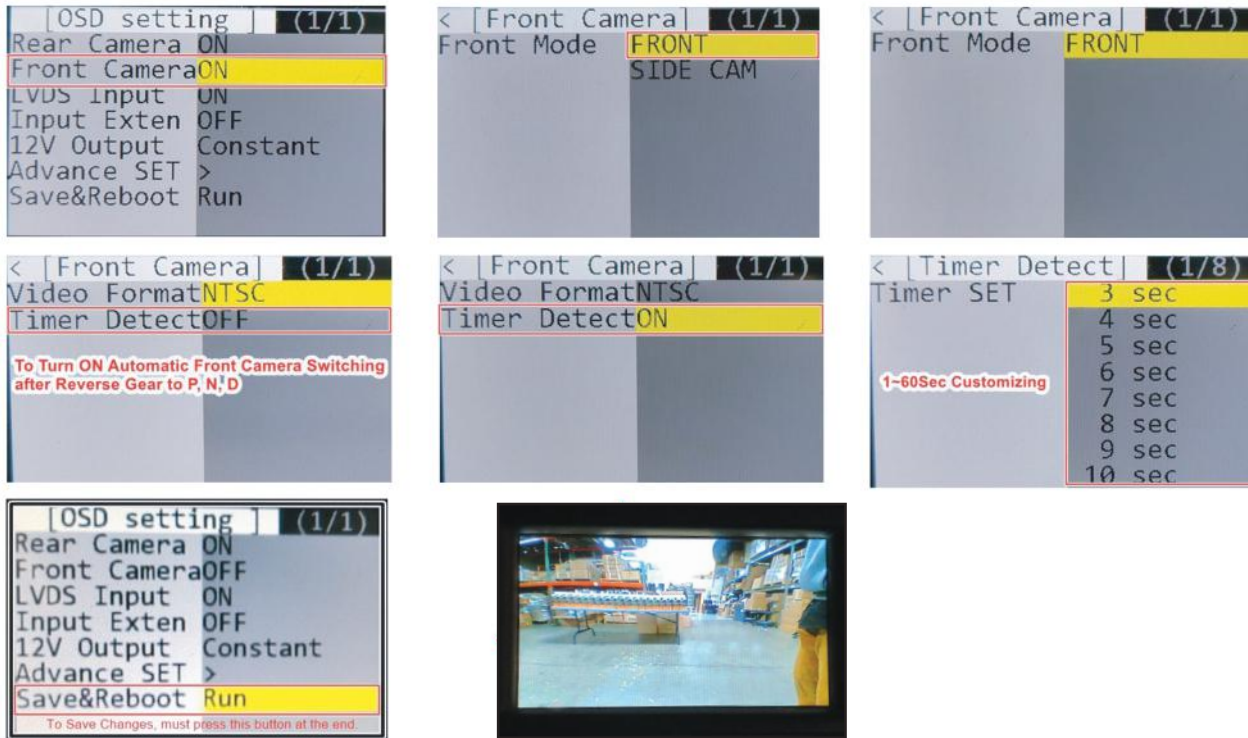
Dynamic Parking Guide Lines



To turn ON the Dynamic Parking Guide Lines, go the Rear Input > Rear Set and turn ON Warning LANG. Go back to the root menu and Run Save&Reboot. Remember to unplug the OSD Control Pad otherwise the unit will not function properly. Set the parking brake on, start the car, put the gear in reverse, turn the steering wheel all the way to the left and all the way to right then put it in the center. The ACPCH-01 will calibrate automatically.



FRONT CAMERA SETTING



The front Camera will automatically show on the screen when the gear is put to Drive from Reverse. Set the delay time on the OSD menu. Delay time can be set from 1 to 60 seconds after a putting the car to drive from reverse.

Set "Android Auto Link:"
to ON for smartphone mirroring
on Android phones

Set "CP" to 1024 x 600
Set "AA" to 1024 X 600



AUDIO INPUT TO VEHICLE:



Plug the 3.5mm Aux cable to the factory Aux input.



Set the headunit source to AUX Device

OPERATION:

To toggle between Smart-Play and OEM screen mode, use the controls below:



On the steering wheel controls:
Press and hold the BACK button for 3 seconds.



On the factory screen: Press
and hold the upper left corner
of the screen.

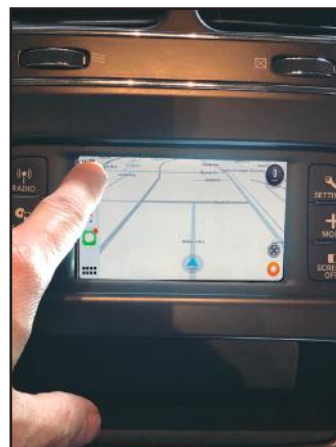


On the Smart-Play screen:
Press and hold the upper left
corner of the screen.





Smart-Play home screen. Use the factory touch screen for Smart-Play controls.



Apps can be opened and controlled by touch screen or by voice control.

FORCE VIEWING THE FRONT CAMERA:

To force view the front camera, tap the "Front Camera Manual Trigger" wire (Blue) to +12V. Use a toggle switch (not included) to switch on or off. See diagram on page 2.



VEHICLE APPLICATIONS:

Compatible with Uconnect Systems

CHRYSLER

2011 - 2014 300 (8.4" or 4.3" Screen)

DODGE

2011 - 2014 Charger (8.4" or 4.3" Screen)
2015 Challenger (8.4" or 4.3" Screen)
2011 - 2017 Journey (8.4" or 4.3" Screen)

FIAT

2011 - 2014 Freemont (4.3" Screen)

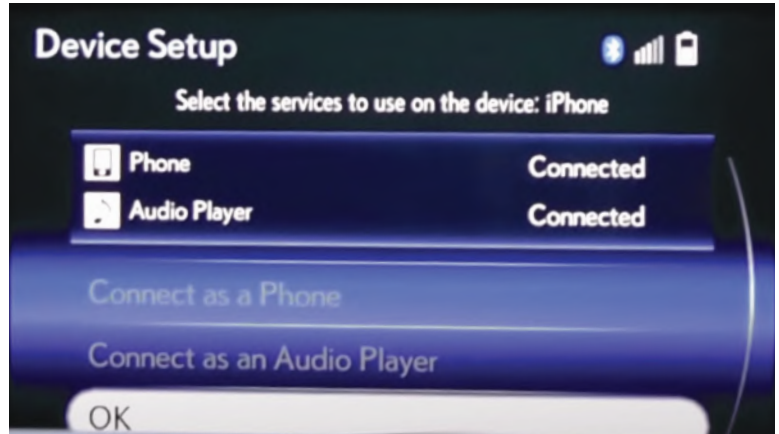
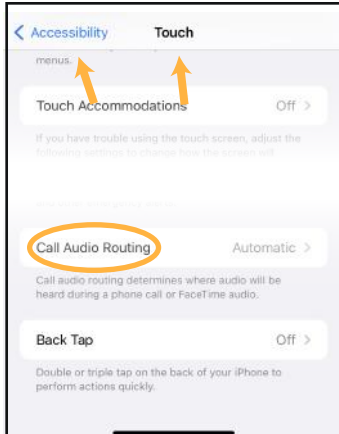
MASERATI

2014 - 2017 Ghibli (4.3" Screen)
2014 - 2017 Quattroporte (4.3" Screen)



TROUBLESHOOTING

*If your call audio does not use car's bluetooth, manually change it on the phone to select the vehicle during the call, then the phone should remember the last used setting



Changing the call audio routing setting to "BLUETOOTH HEADSET"

Go to Settings - Accessibility - Touch - Call Audio Routing. Keep it at "Automatic"

1. IF the screen is black & not showing factory infotainment screen or the CarPlay/Android Auto Screen
 - Confirm secure connection of LVDS cables to the top monitor.
 - Confirm LVDS cables are not damaged, pinched, kinked or bent.
2. No trigger issue /No click heard when long hold applied on Back button
 - Check and confirm proper connection of the Main Car Interface Harness, CAN bus board, and 30-pin Car Interface Harness.
 - Check and confirm no loose pins or damage to the harness. Green/RED LED Light should be visible from the Metal Box
3. When long hold is applied on Back button, black screen appears
 - Confirm proper secure connection of the HDMI Cable.
 - Confirm power wire is connected on the CarPlay Box. Red LED light should be visible from the CarPlay Box.
4. Screen image glitching or distorted
 - Confirm correct dip switch setting.
5. Hands free call quality noise and echo
 - For iPhone, confirm the phone is connected to your vehicle via Bluetooth and "Call Audio Routing setting" Keep it at "Automatic"
 - For Android, confirm Bluetooth is being used for calls by observing phone's call audio output.
6. No sound
 - Confirm AUX cable connection, which is on the HDMI side of the CarPlay Box.
 - Confirm Car Media Source is in AUX mode. Confirm sound output from the phone to NV17W CarPlay.
7. Siri does not recognize my voice
 - Confirm Microphone jack connection (3.5mm), which is on the USB side of the CarPlay Box.
 - Confirm that there are no wire damage.

