2008-2012 NTG4.0 GLK-Class
X204
Installation Guide

DMP CAR DESIGN

1. Please power off your Original monitor before installation.
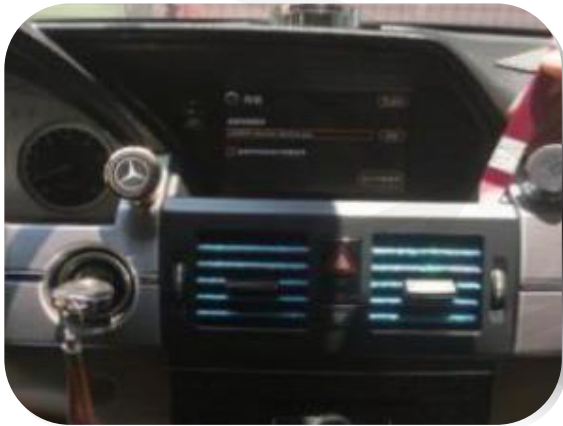
2. Carefully pry out the decorative plate of the air conditioning outlet.

3. Gently pry out the decorative frame from the OEM screen.

4. Remove the fixing screws of the OEM screen.
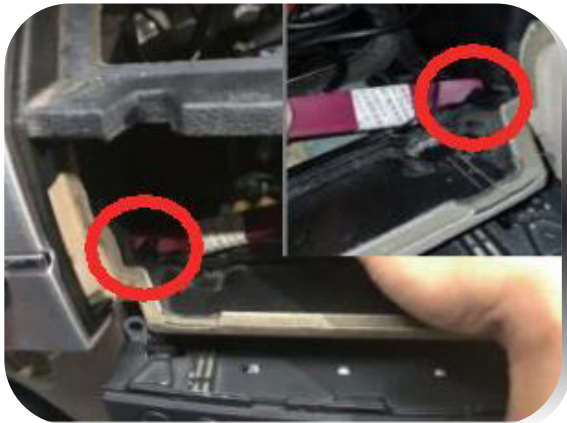
5. Carefully pry out the decorative strip from the OEM screen.

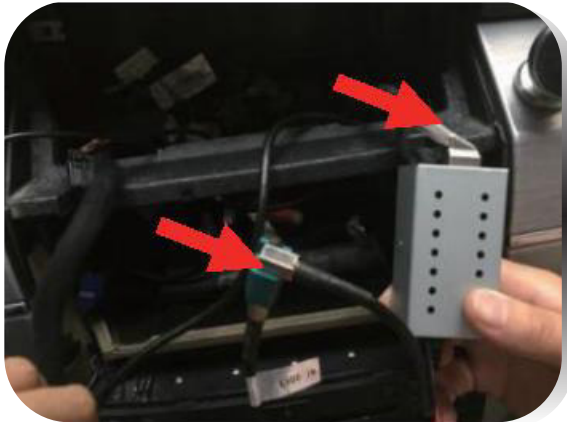

6. Remove the fixing screws of the OEM screen.

7. Using the provided photo as a reference, carefully pry out the buckles from the left and right sides of the NTG unit.
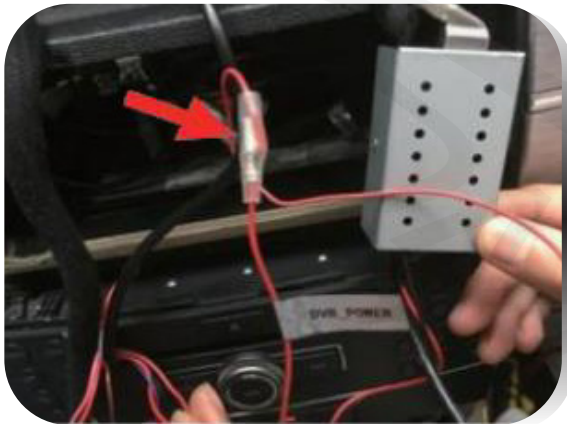

8. Disconnect the power harness from the NTG unit and connect it to the Android harness. Please refer to page 8 for the wiring diagram.

9. Connect the original LVDS cable to the LVDS box provided in the package. Please refer to Page 5 for the LVDS wiring box guide.

10. Connect the 12V power supply to the LVDS adapter. Please refer to Page 5 for the LVDS wiring box guide.
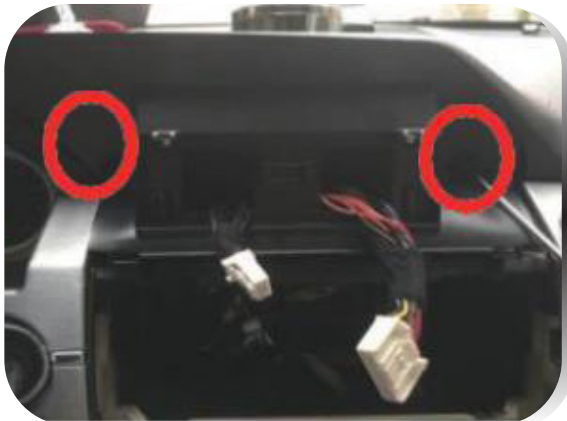
11. Assemble the Android stand securely on the dashboard and ensure that the cables are routed properly.

12. Connect all Android cables properly by referring to the provided photo.

13. Securely fix and install the Android screen onto the stand.

14. Installation Complete

Microphone Mounting Location

It is recommended to install the microphone at the A-pillar, positioned close to the driver's location.

GPS Antenna Mounting Location

It is recommended to install the GPS antenna on the windscreen, specifically behind the rear-view mirror.

2008-2012 NTG4.0 GLK-Class
X204
Wiring / Setting Guide

Car Display

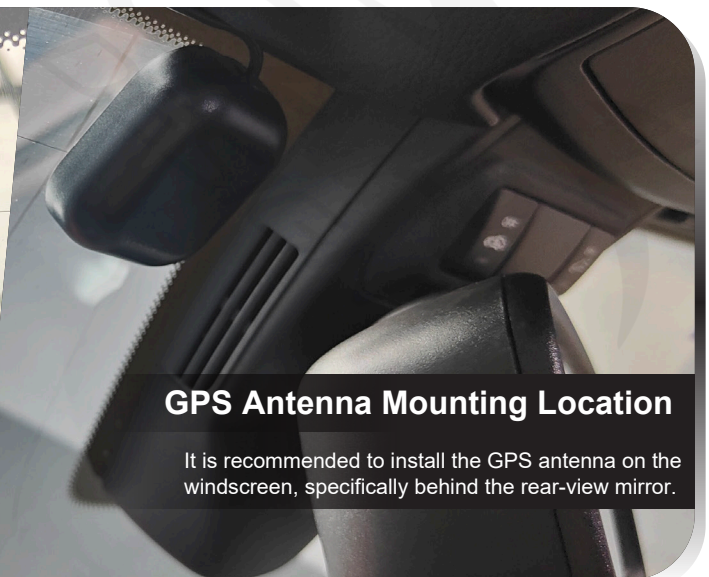**Car display**：Choose According to your NTG Version **[12]/[14]/[16]/[18]**
Settings -- Factory setting-- Password:190627 -- Car Display

Factory Settings

Function

Vehicle

Car Display

CAN Protocol

UI Configuration

Current Selection: [08]NTG5.0_7.0"_8.0"(2016~)(half screen)

[12]NTG4.5_400x240_5.8"(2013~2015)(half screen)

[13]NTG4.0/NTG4.5_800x480_7"(2013~2015)

[14]NTG4.0/NTG4.5_800x480_7"(2013~2015)(half screen)

[15]NTG4.0_5.0"(2008−2010)

[16]NTG4.0_5.0"(2008−2010)(half screen)
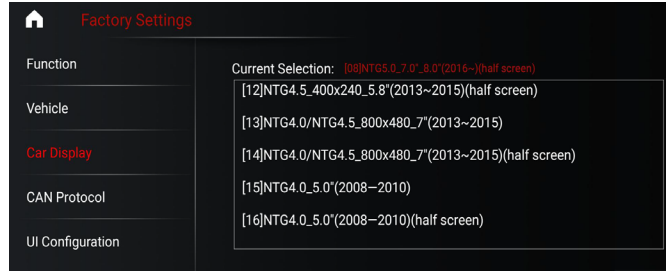
The NTG 4.0 Screen's LVDS is a 10 PIN square interface and requires a plug-in LVDS box.

Original Vehicle LVDS interface

LVDS box wiring method

LVDS signal connection

12V power connection

Principal line

LVDS conversion on box

RCA line

Connect to the original car LVDS line
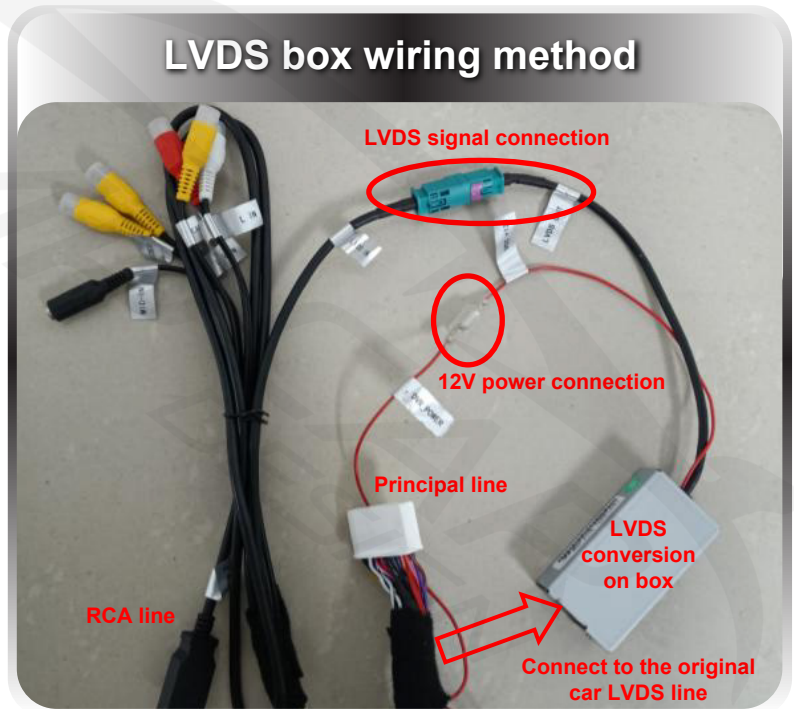
Sound settings

the original NTG4.0 system does not support automatic switching, only support manual switching AUX.
1. Press the DISC button on the main panel of the car to switch to the AUX state.

2. Volume settings
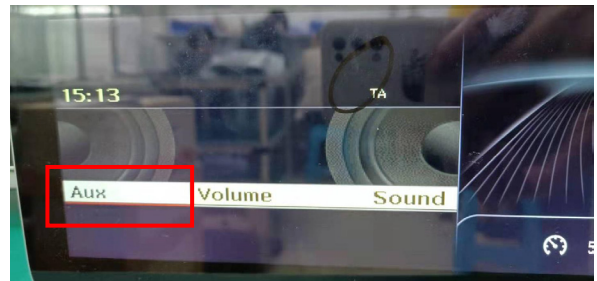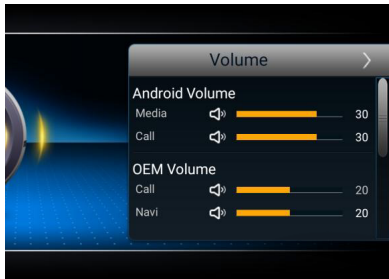**If no sound is heard after the above settings, please check the volume screen and whether the vehicle's fiber optic cable is connected.**

1）Settings--Volume--Android Volume/OEM Volume
2）Settings--Android--Sound

3. If the car plug has fiber optic plug but without speaker cable, then you need to add a small speaker.

Connect
"Speaker T2" to "Speaker IN2"
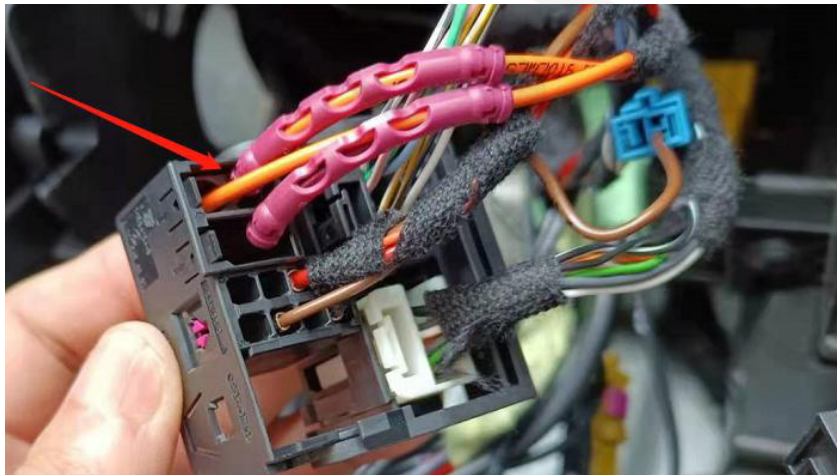
CAN Protocol selection

Settings —— Factory (Password 190627) ——>Can Protocol : choose 4.0

Factory Settings

Function	Current Selection: [2]BC_Protocol_type_4.0
Vehicle	[0]BC_Protocol_type_5.0C
	[1]BC_Protocol_type_5.0A
Car Display	[2]BC_Protocol_type_4.0
CAN Protocol	[3]BC_Protocol_type_4.5
	[4]BC_Protocol_type_3.5
UI Configuration	[5]BC_Protocol_type_3.0
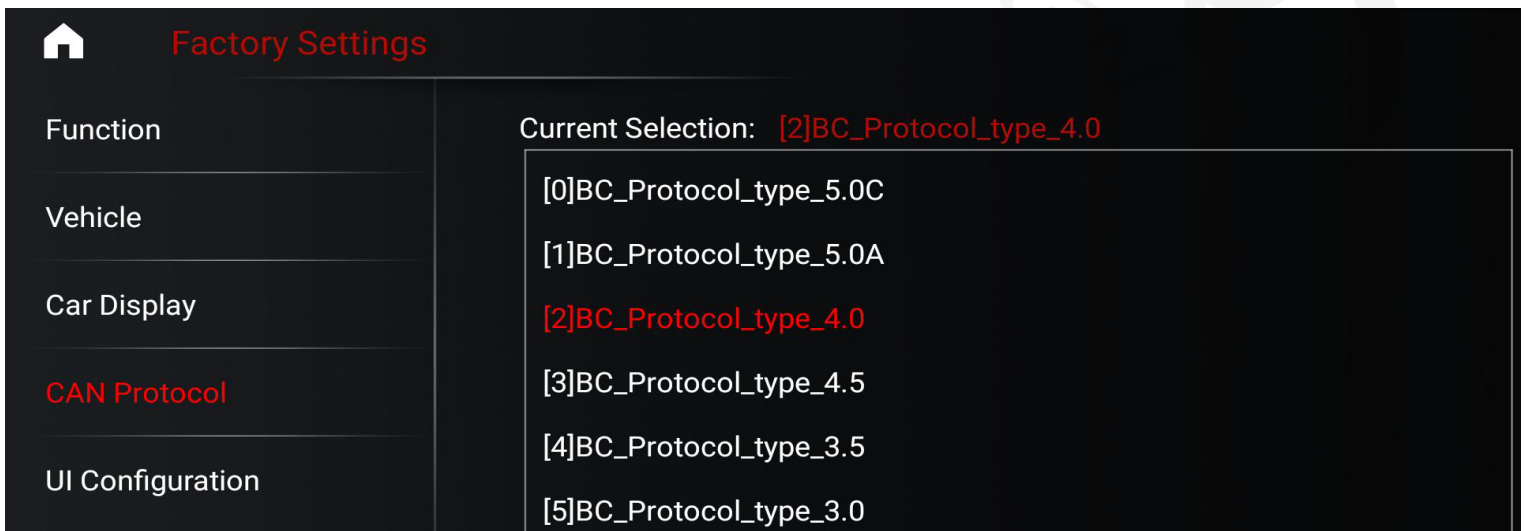
Note: If the wrong CAN protocol is selected, the display of the air conditioner on the Android screen will not work.

2008-2012 NTG4.0 GLK-Class
X204
Wiring Guide

NTG 4.0 Installation instructions

Label Recognition:
Label 1: NTG 4.0 SWITCH(Short Connect)
Label 2: NTG 4.5 SWITCH (Short Connect)
Label 3: NTG 4.0/4.5 (CAN Universal Connect)
Label 4: NTG 4.5 (Original Car 4.5 CAN Connect)
Label 5: NTG 4.0 (Original Car 4.0 CAN Connect)
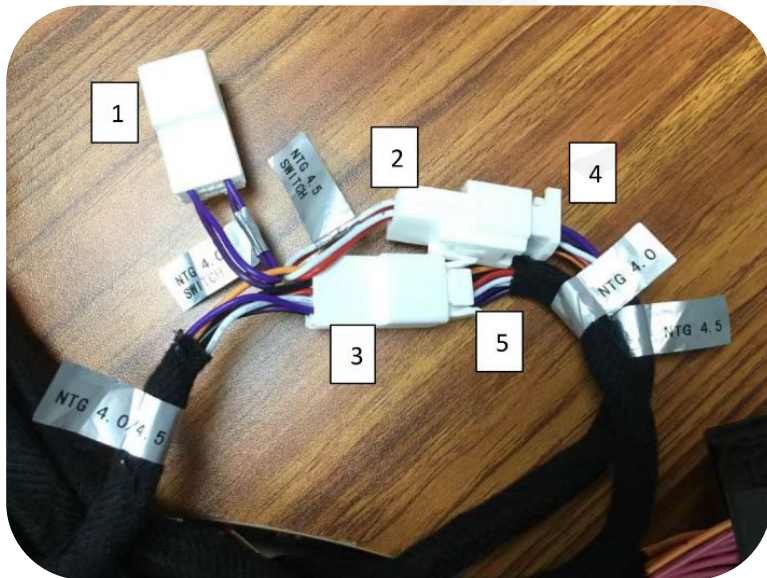
NTG 4.0
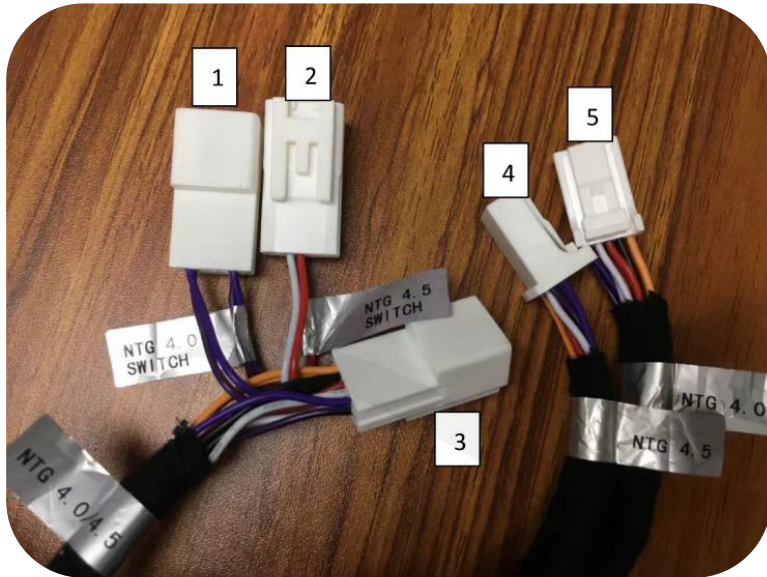
NTG4.0 System Connection:
Step 1: Label 3 (NTG4.0/4.5) connect Label 5 (NTG4.0)
Step 2: Label 2 (NTG4.5 SWITCH) connect Label 4 (NTG4.5)
Step 3: Label 1 (NTG4.0 SWITCH) do not connect
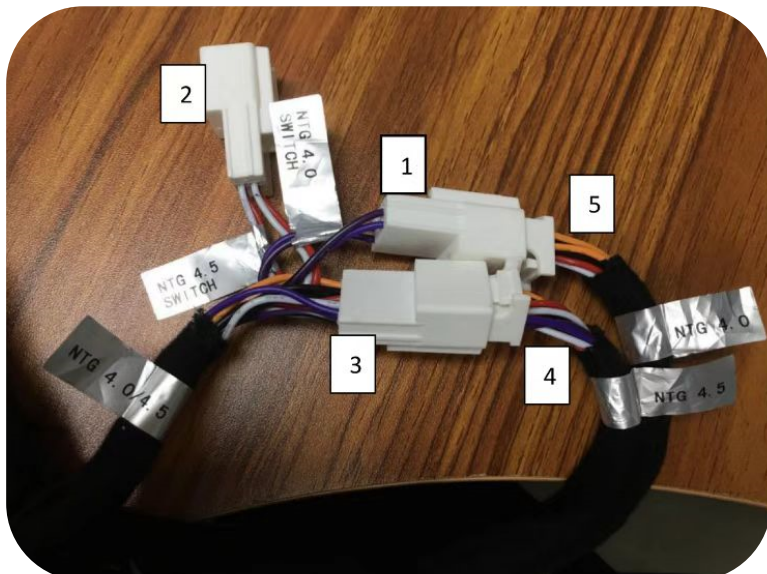
NTG 4.5

NTG4.5 System Connection:
Step 1: Label 3 (NTG4.0/4.5) connect Label 4 (NTG4.5)
Step 2: Label 1 (NTG4.0 SWITCH) connect Label 5 (NTG4.0)
Step 3: Label 2 (NTG4.5 SWITCH) do not connect

Wiring Diagram

USB 2

White & Red Connector
other sound input
(we normally dont connect this)

FF Camera
Input from front camera

DVR in
you can add video input from
DVR camera with AV output support
to view the Dashcam on the screen

Video in
other sound input

Audio in
audio input

Fiber Optic
OEM From car
(connect this cable
here if your car comes
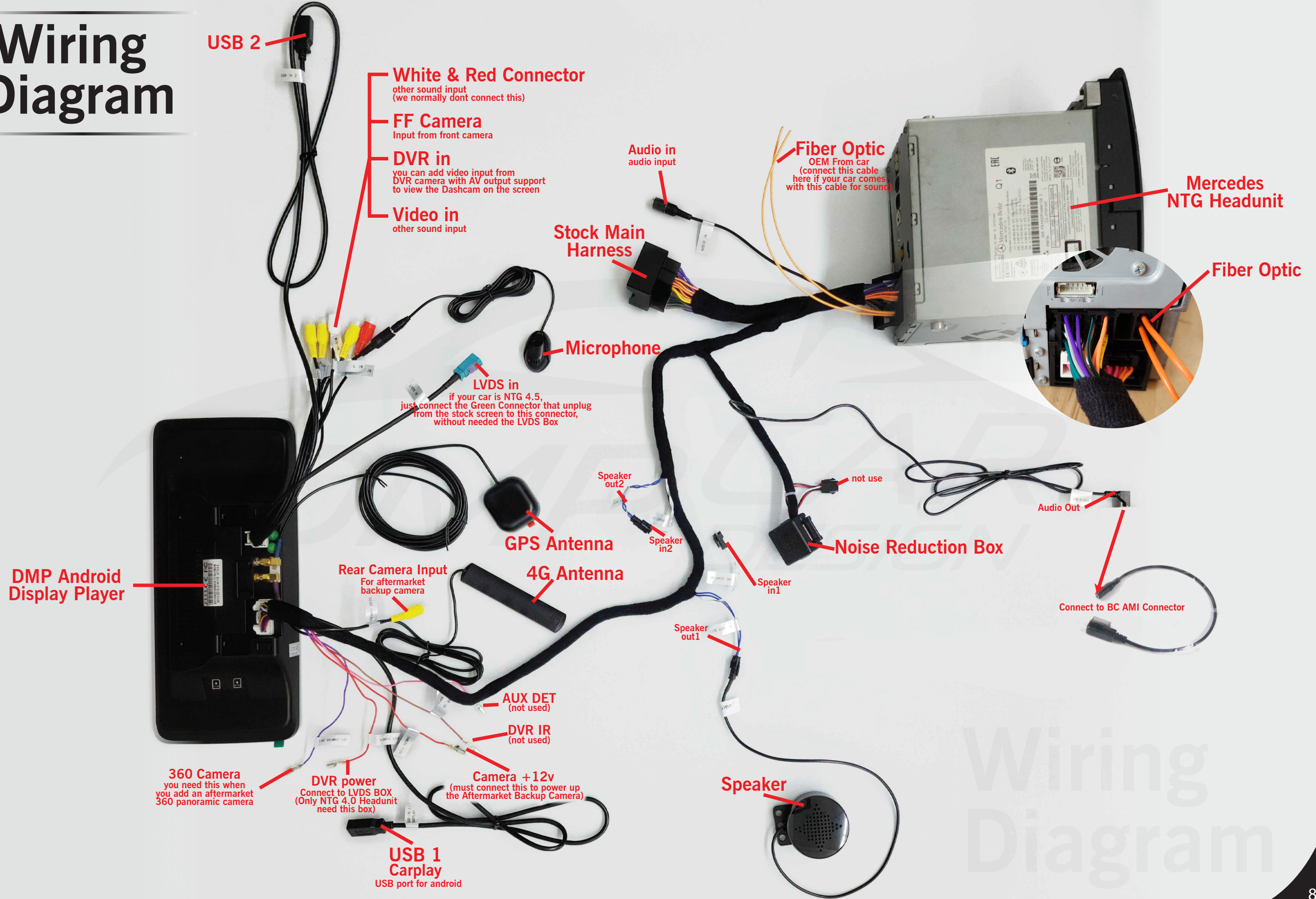with this cable for sound)

Mercedes NTG Headunit

Fiber Optic

Stock Main Harness

Microphone

LVDS in
if your car is NTG 4.5,
just connect the Green Connector that unplug
from the stock screen to this connector,
without needed the LVDS Box

Speaker out2

not use

GPS Antenna

Speaker in2

Speaker in1

Noise Reduction Box

Audio Out

DMP Android Display Player

Rear Camera Input
For aftermarket
backup camera

4G Antenna

Speaker out1

Connect to BC AMI Connector

AUX DET
(not used)

DVR IR
(not used)

360 Camera
you need this when
you add an aftermarket
360 panoramic camera

DVR power
Connect to LVDS BOX
(Only NTG 4.0 Headunit
need this box)

Camera +12v
(must connect this to power up
the Aftermarket Backup Camera)

Speaker

USB 1
Carplay
USB port for android