

Peugeot / Citroën / Toyota
10 inch ALL-IN-ONE (Bosch)

Camera Video interface

Art. 300 360



Compatible with 10" AIO BOSCH system

- **4 Video Inputs for after-market video source** (Rear + Front + extra cameras).
- Compatible with PAL / NTSC / **AHD** cameras.
- **Installation: integration in the display unit (ribbon cables).**

1. Installation:

Make sure it's the 10 inch Bosch ALL-IN-ONE system -> check **System Information**

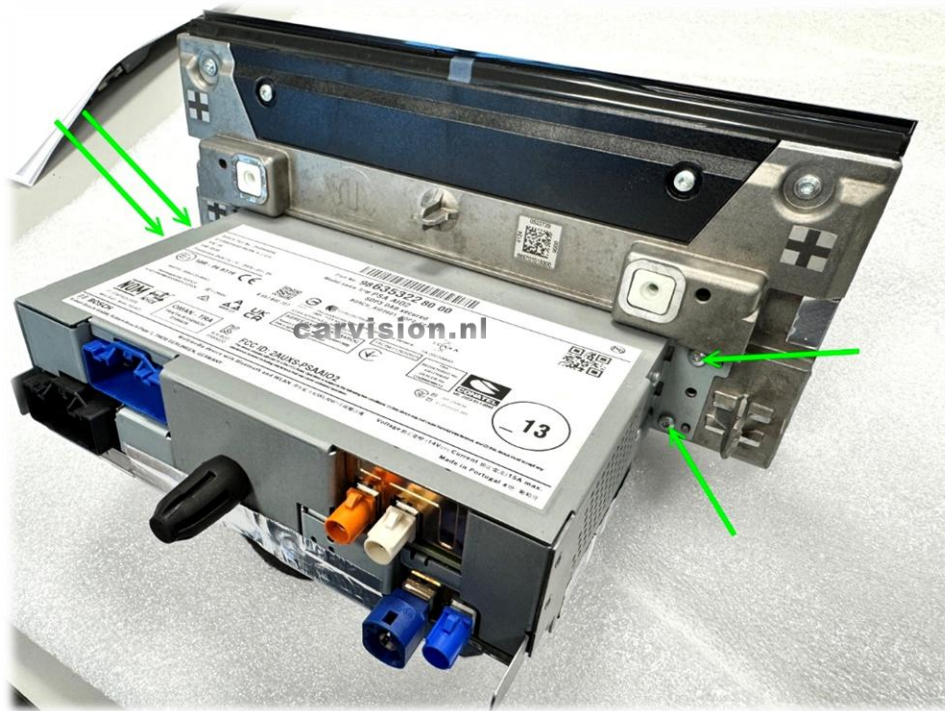
- Remove the display unit from the dashboard



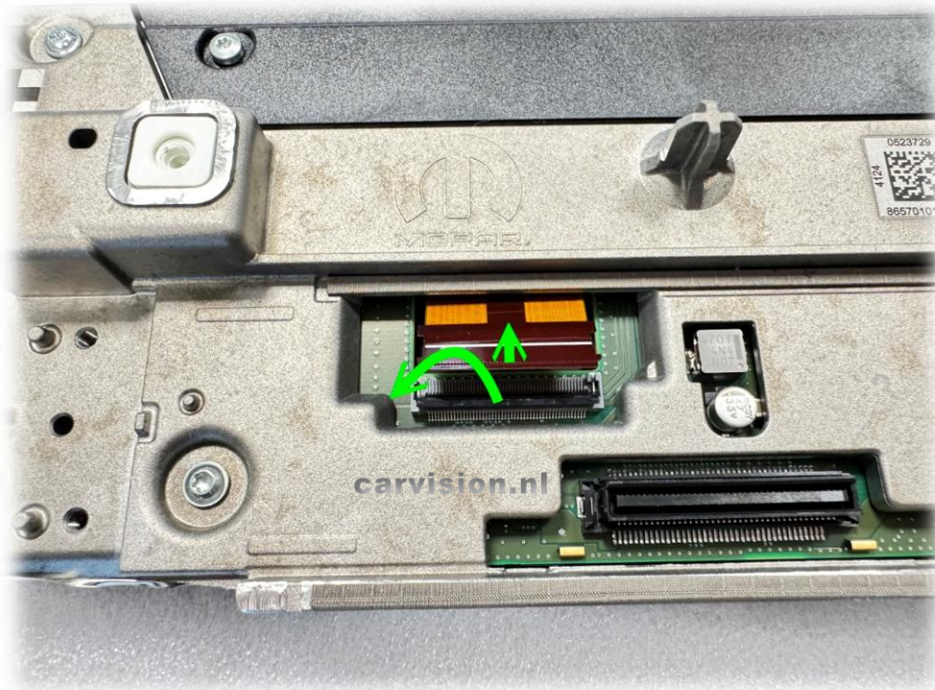
- Remove carefully the plastic cover of the display (front + rear)



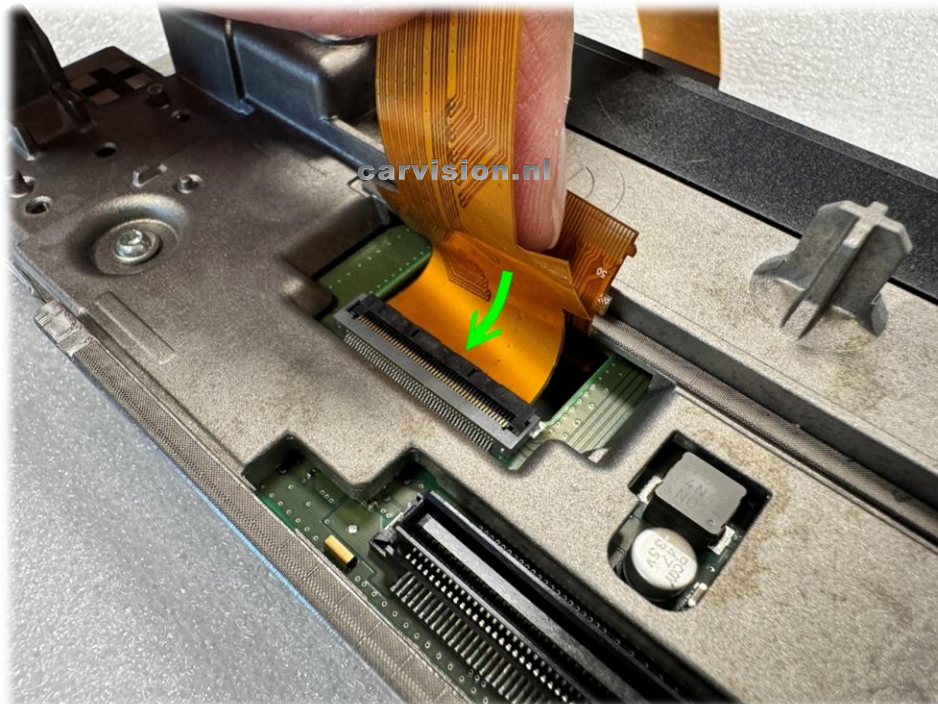
- Remove the screws on both sides and remove the backside from display part



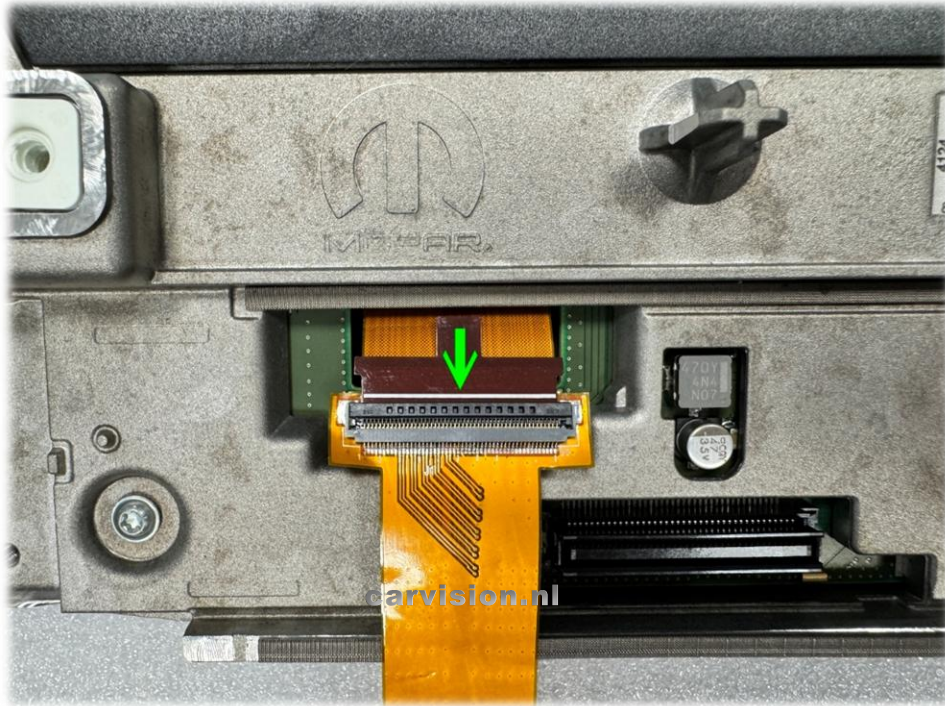
- **Unlock the connector carefully and take out the original ribbon cable of the LCD.**



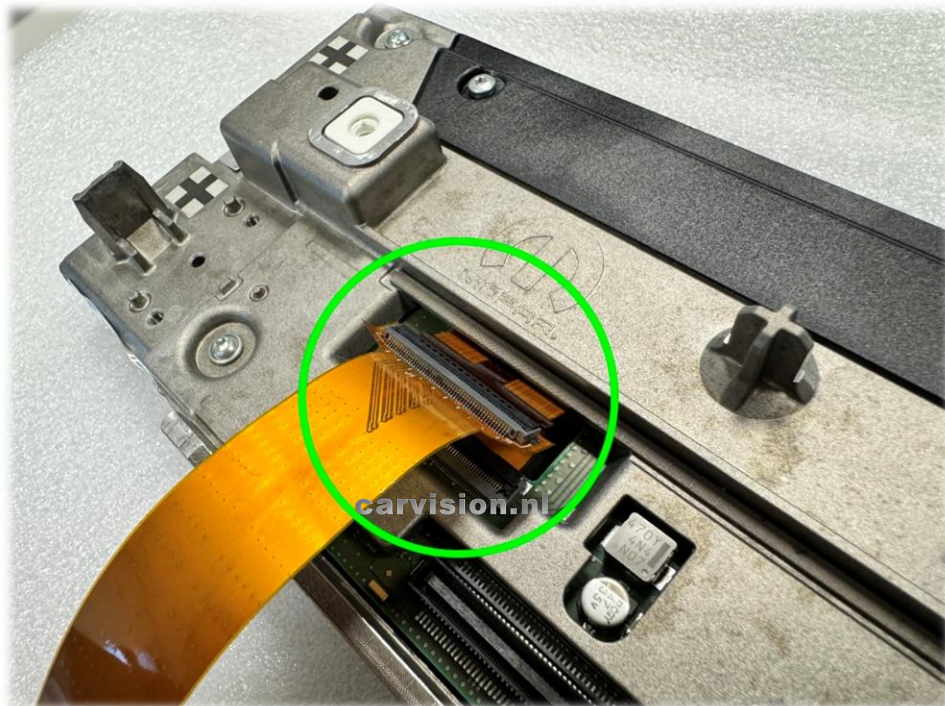
- **Install the interface ribbon cable in the LCD connector as show below. Pay attention on the direction and locking!**



- Connect the original LCD cable with the interface cable connector and lock it



- Make sure all ribbon cables are connected well and in the right direction!



- Use some tape on the metal parts around the ribbon cable to protect it!



- Install the backside + display part and be careful with the ribbon cable!



- Assemble all parts back on the display unit and make sure everything is installed well and not forced!



- Make sure when install the display unit back in the dashboard that the switchboard part is fixed safe to avoid damage or loose contacts!

Dip Settings:

8-DIPS [Black]:

DIP1 ON = V1 ON

DIP2 ON = V2 ON

DIP3 ON = V3 FRONT CAM ON

DIP4 ON = V4 Reverse CAM

DIP5 + 6 = OFF

DIP7 OFF + DIP8 OFF = Full screen

DIP7 OFF + DIP8 ON = 16:9

DIP7 ON + DIP8 OFF = Camera picture + PDC left

DIP7 ON + DIP8 ON = Camera picture + PDC right



4-DIPS [Red]: ALL OFF

Camera power:

We recommend to power the camera by using the **RED(12V)** + **BLACK(GND)** wires of the interface instead of backlights to avoid distortion in camera image, especially when the engine is running!

Video switching:

- Front CAM: short press on push button + auto-switch after reverse.
- Video 1/2: long press push button to switch from OEM to VIDEO 1 / 2.
- Rear CAM: when put gear in Reverse the interface switches automatically to reverse camera input V4, usually detected by CANbus system of the car*.

*Unfortunately sometimes reverse is not reacting by CANbus because cars can have different CAN protocol/codes. Also the guide lines and PDC functions can not be guaranteed.

When Reverse is not reacting by CANbus: The (green) Reverse-IN trigger wire of the interface should be connected to the analog 12V reverse signal. Disconnect the interface green wire loop circuit and connect Reverse-IN side with the reverse signal of the car. If the car reverse signal is unstable, apply a relay to make it stable.

Trigger wires:

- **Trig-Rear***: insert +12V reverse light signal to activate the rear camera (signal must be stable, not LED)
- **Trig-Right**: insert +12V to activate the video image of V2
- **Trig-Front**: insert +12V to activate the Front camera (optional).
Front camera also switches on automatically after reverse, and also by short-press switch button (included).
- **Trig-Left**: insert +12V to activate the video image of V1

Additional power wires:

- CAM POWER 12V: provides 12V to power the camera (if reverse function works by CANbus)
- ACC OUT: provides 12V while ignition is on (when CANbus is running)
- Manual ACC: connect to 12V ACC only when interface is disconnected from CANbus.

*If the car reverse signal is unstable, apply a relay to make it stable:

