

# INSTALLATION MANUAL

Steering wheel remote control interface for:

# FIAT

**Model:** Ducato III Version 8 2021 →  
Ducato New Dash 2021 →

**Kit content:** SWRC CAN bus to UART interface with wiring harness and ISO connector; antenna DIN adapter; antenna FAKRA DAB<sup>+</sup> adapter; camera adapter; plastic socket

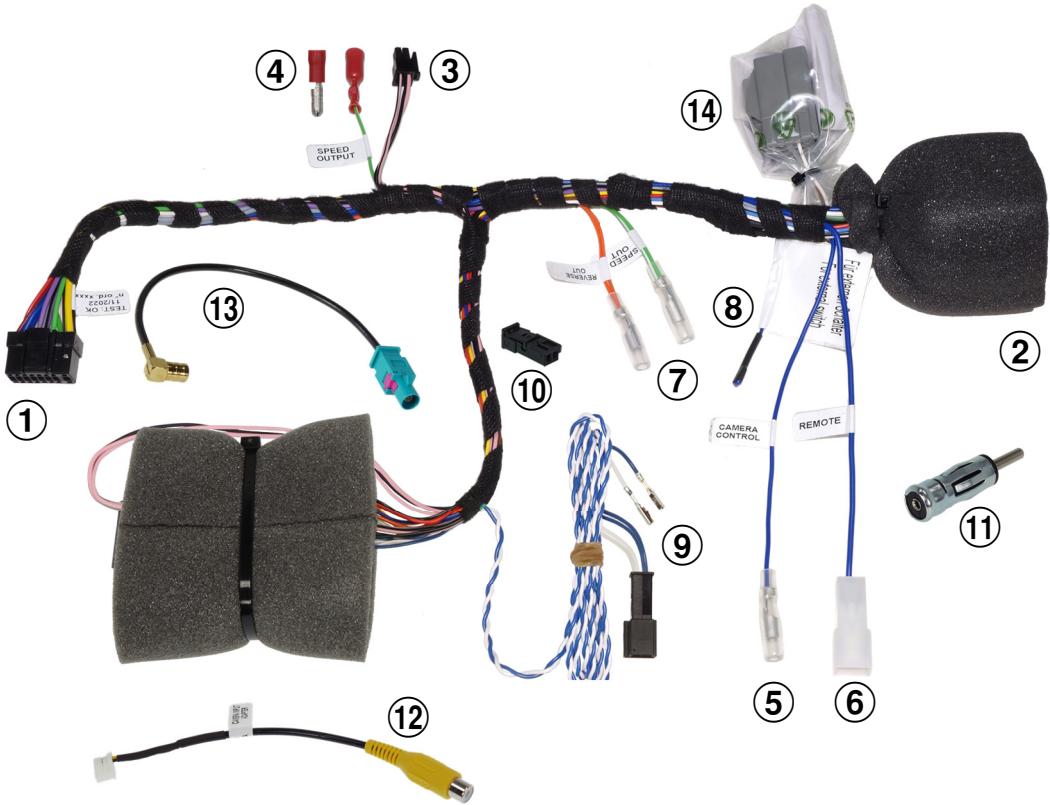
**Compatibility:** Compatible with Ducato 8 Open-Dash version

**Suitable for:** INE-F904D(C) / iLX-F903D / iLX-F905D / iLX-F115D



All installation work must be performed by a qualified professional installer only.  
The manufacturer / dealer is not liable for any kind of incidental or indirect damages.  
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## Content and wiring harness connections



- 1 - to RADIO POWER connector
- 2 - to CAR connector
- 3 - to RADIO CONNECT2 I/F plug  
(connect to the Alpine radio)
- 4 - Green/White - SPEED output  
(connect to the Alpine radio)
- 5 - CAMERA control/REMOTE out
- 6 - POWER ANTENNA output
- 7 - to optional/extra SERVICES:  
Orange – REVERSE output  
Green/White – SPEED output
- 8 - to external switch (Blue cable)
- 9 - CAN BUS connection access cable

- 10 - CAN BUS housing for cables
- 11 - ISO/DIN antenna adapter
- 12 - CAMERA input adapter
- 13 - FAKRA antenna adapter for DAB<sup>+</sup>
- 14 - to CAR connector

### **ATTENTION!**

Connect the connector n°15 to the GREY connector (vehicle side), do NOT connect it to the ORANGE connector (vehicle side)

### **ATTENTION!**

For vehicle with FIAT wireless Qi charger, a separate adapter is needed. See page 6.

A. Connect the CAN bus cable to vehicle (point 10 / page 2).



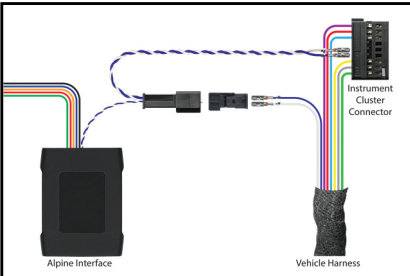
1. Remove the two screws of the instrument panel cover.



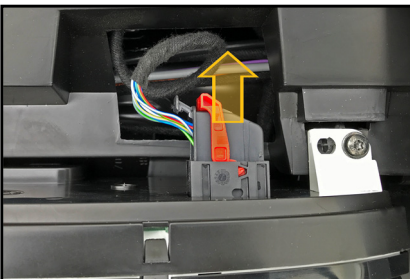
2. Lift the cover at the back first



3. Now remove the cover completely from the instrument cluster.

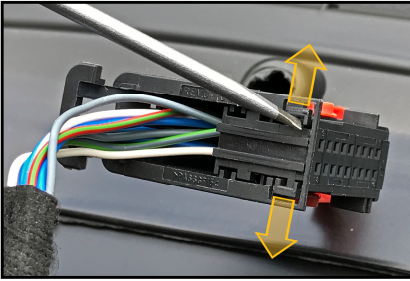


4. Establish a CAN bus connection to the instrument cluster. Laying the CAN cable from radio connector to the back side of instrument cluster.

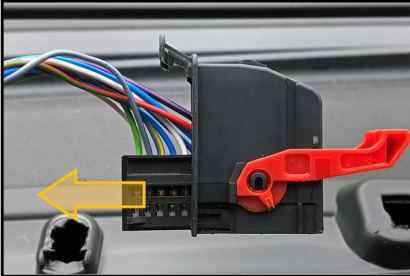


5. Remove the connector from the instrument panel.

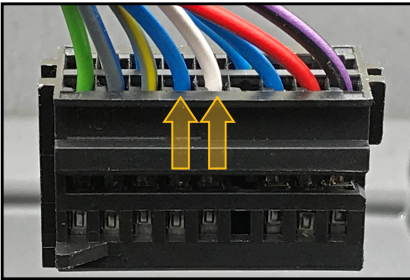
A. Connect the CAN bus cable to vehicle (point 10 / page 2).



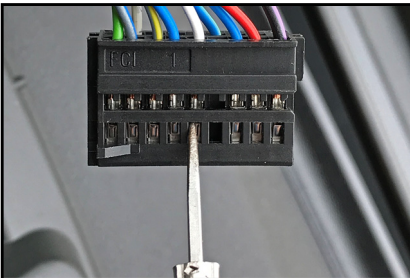
6. Release the locking clips of the connector housing.



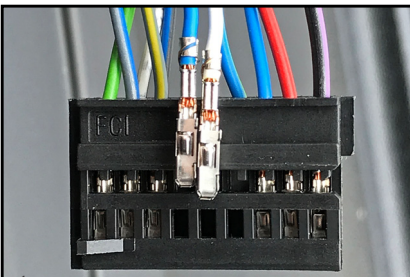
7. Remove the connector from the housing.



8. CAN cables colors:  
Blue = CAN High  
White = CAN Low

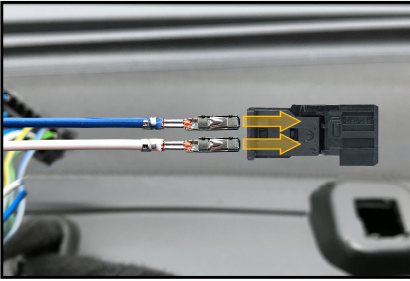


9. Release the terminals of the CAN cables with the suggested release tool.

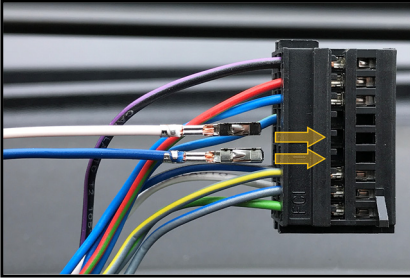


10. Remove both cables.

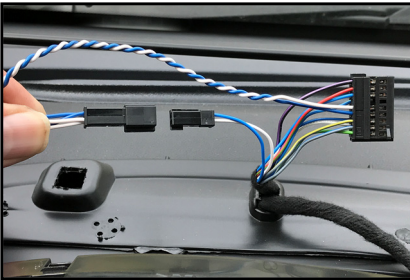
A. Connect the CAN bus cable to vehicle (point 10 / page 2).



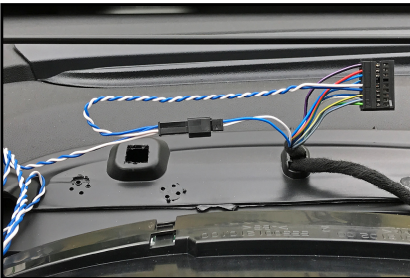
11. Insert both cables to the supplied 2-pin connector housing as shown.



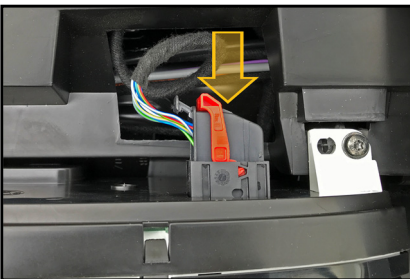
12. Insert the terminals of the cables from the supplied T-Harness into the connector from the instrument cluster.



13. Connect both CAN plugs.



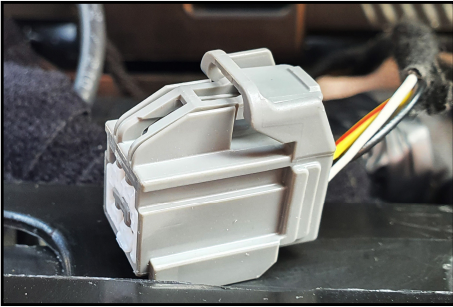
14. The CAN bus connection for the interface is now established.



15. Assemble the connector housing and the cover from instrument cluster in reverse order.

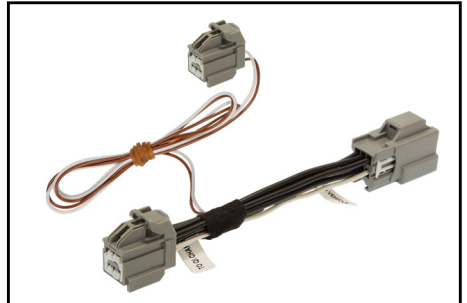
16. Connect the harness as indicated on page 2 of this installation manual.

**B. Connect the LIN bus cable to vehicle (point 15 / page 2).**



1. The grey connector on vehicle side might be found directly inside the radio tunnel, or below the plastic cover for the FIAT wireless Qi charger. In this later case, the connector might be taped along the FIAT harness: just remove the tape and connect it to the supplied harness.

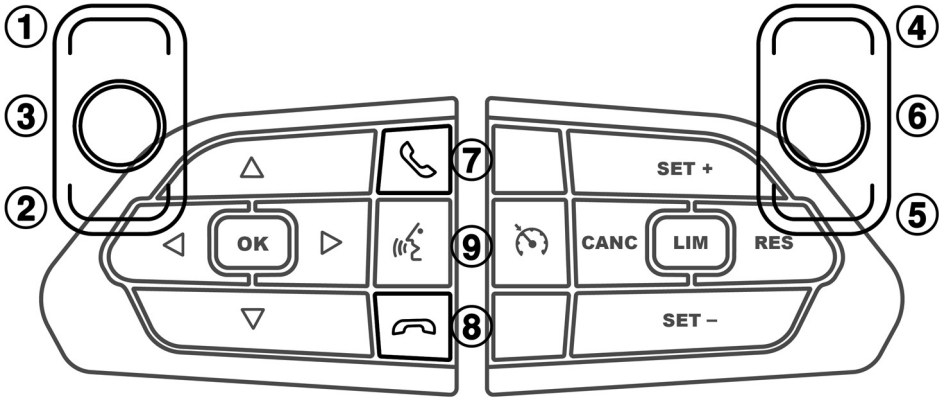
**C. Additional accessories.**



1. In case the vehicle is equipped with the FIAT wireless Qi charger, a separate spare part is required to retain it's functionality. Alpine part number: KWE-QI-DU8.

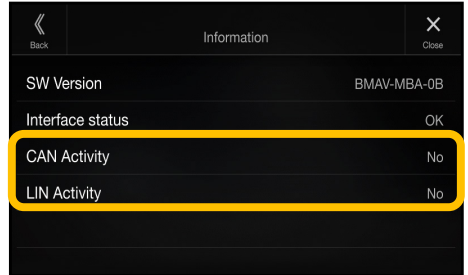
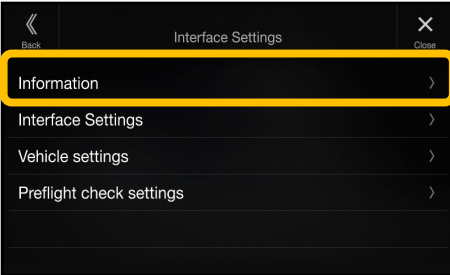
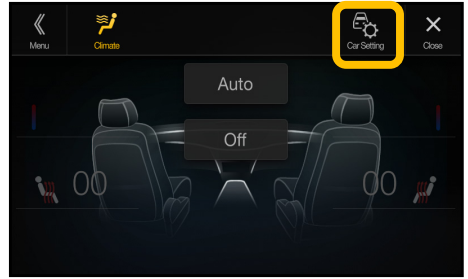
D. Steering wheel remote control functions.

The steering wheel remote control buttons perform the following functions (if supported by the radio / vehicle):



- |   |          |   |  |
|---|----------|---|--|
| 1 | Seek +   | 6 | Mute                                       |
| 2 | Seek -   | 7 | Pick up incoming call                      |
| 3 | Source   | 8 | Hang up active call / Reject incoming call |
| 4 | Volume + | 9 | Voice Command                              |
| 5 | Volume - |   |  |

E. Access the interface *Information* as shown in the pictures.

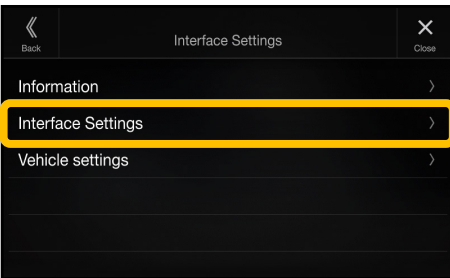


Select *Information*.

*CAN Activity / LIN Activity*

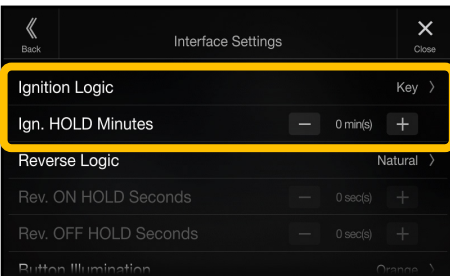
The *CAN Activity* must show "Yes". If "No" is shown, you need to confirm the connection of the CAN cables. The same applies to the "*LIN Activity*".

F. Access the *Interface Settings* as shown in the pictures.



*Ignition Logic* (only if supported by vehicle)

- Switch between *Key* and *Door*
- *Key* = the radio switches on automatically when the key is turned in the ignition lock
- *Door* = the radio switches on automatically when the central locking (must be supported by the vehicle) of the door is opened (PRE-ignition)

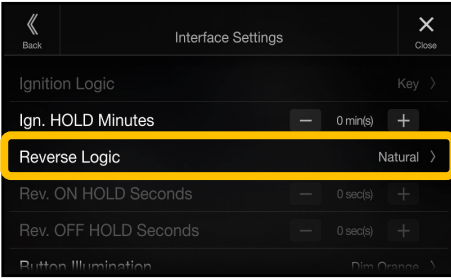


*Ignition HOLD Minutes*

- Adjustable between 0 and 30 min(s)
- The radio "runs on" the set time (0 to 30 min(s)) when the ignition is switched off from the vehicle / radio

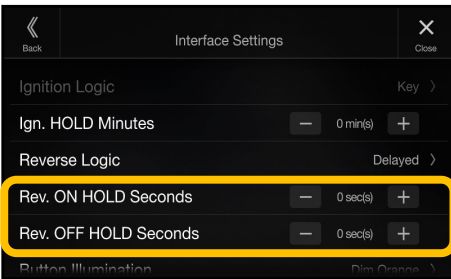


F. Access the *Interface Settings* as shown in the pictures.



**Reverse Logic**

- Switch between *Natural* and *Delayed*
- *Natural* = Switches the reversing signal with activation / deactivation of the reverse gear immediately *ON / OFF*
- *Delayed* = Switches the reversing signal with activation / deactivation of the reverse gear with a delay *ON / OFF*



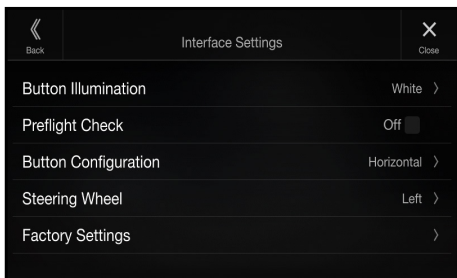
**Reverse ON HOLD Seconds (0 to 30sec(s))**

- When you are engaging the reverse gear, the interface will trigger the reverse to the radio after the time period (0 to 30sec(s)) specified in the menu.

**Reverse OFF HOLD Seconds (0 to 30sec(s))**

- When you are removing the reverse gear, the interface will remove the reverse to the radio after the time period (0 to 30sec(s)) specified in the menu. (The camera image of the rear-view camera is displayed accordingly longer.)

F. Access the *Interface Settings* as shown in the pictures.



*Button Illumination* (only X903D-DU(2)/X903D-ID/X903D(C)-F)

- Switch the button illumination:

*Orange, Dim Orange, Yellow, Dim Yellow, Red, Dim Red, Green, Dim Green, Blue, Dim Blue, White, Dim White*

*Preflight Check* (On/Off)

- Selection of different notification options

- Driver receives notification before start if equipment is secured

*Button Configuration* (only X903D-DU(2)/X903D-ID/X903D(C)-F)

- Configures the respective key assignment depending on the installed position of the keys (not used)

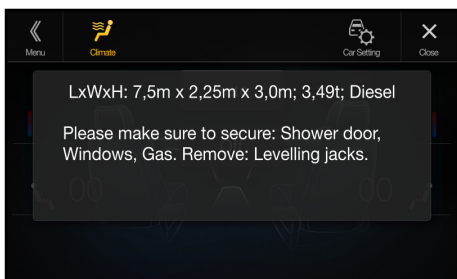
*Steering Wheel* (only X903D-DU(2)/X903D-ID/X903D(C)-F)

- Switchable between *Left* (default) and *Right*

*Factory Settings*

- Resets all interface settings

G. Access the *Pre-Flight Check* Settings as shown in the pictures.



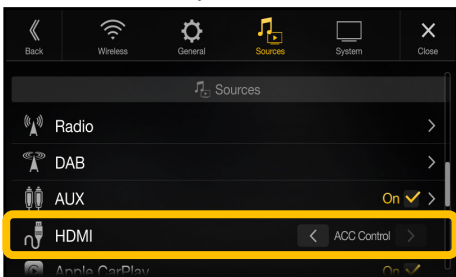
*The Pre-Flight Check features shows the vehicle parameters and preselected warnings every time the engine is started.*

**\*NOTE:** *The control of TV Tuner or DVD Player is no longer possible when ACC Control is activated.*

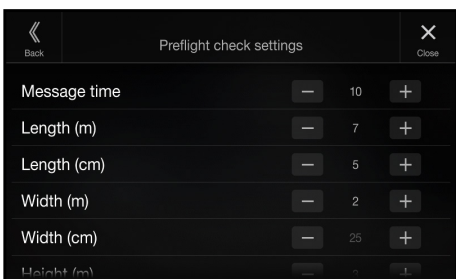
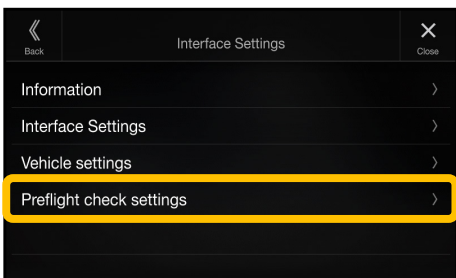
## G. Access the *Pre-Flight Check* Settings as shown in the pictures.



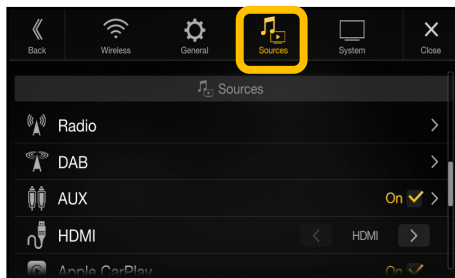
To enable the feature, select *Menu* → *Setup*.



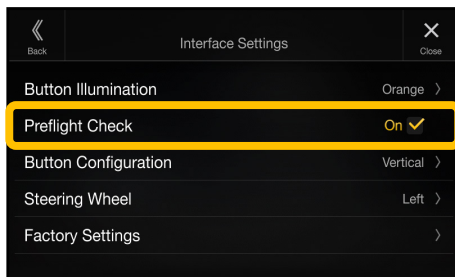
In the *HDMI* section select *ACC Control*\*.



In the upper section you can configure how long the message will be shown and the vehicle parameters.

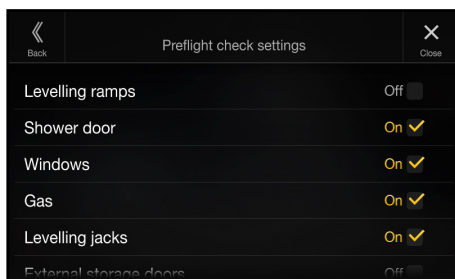


Select *Sources* from the upper icons.



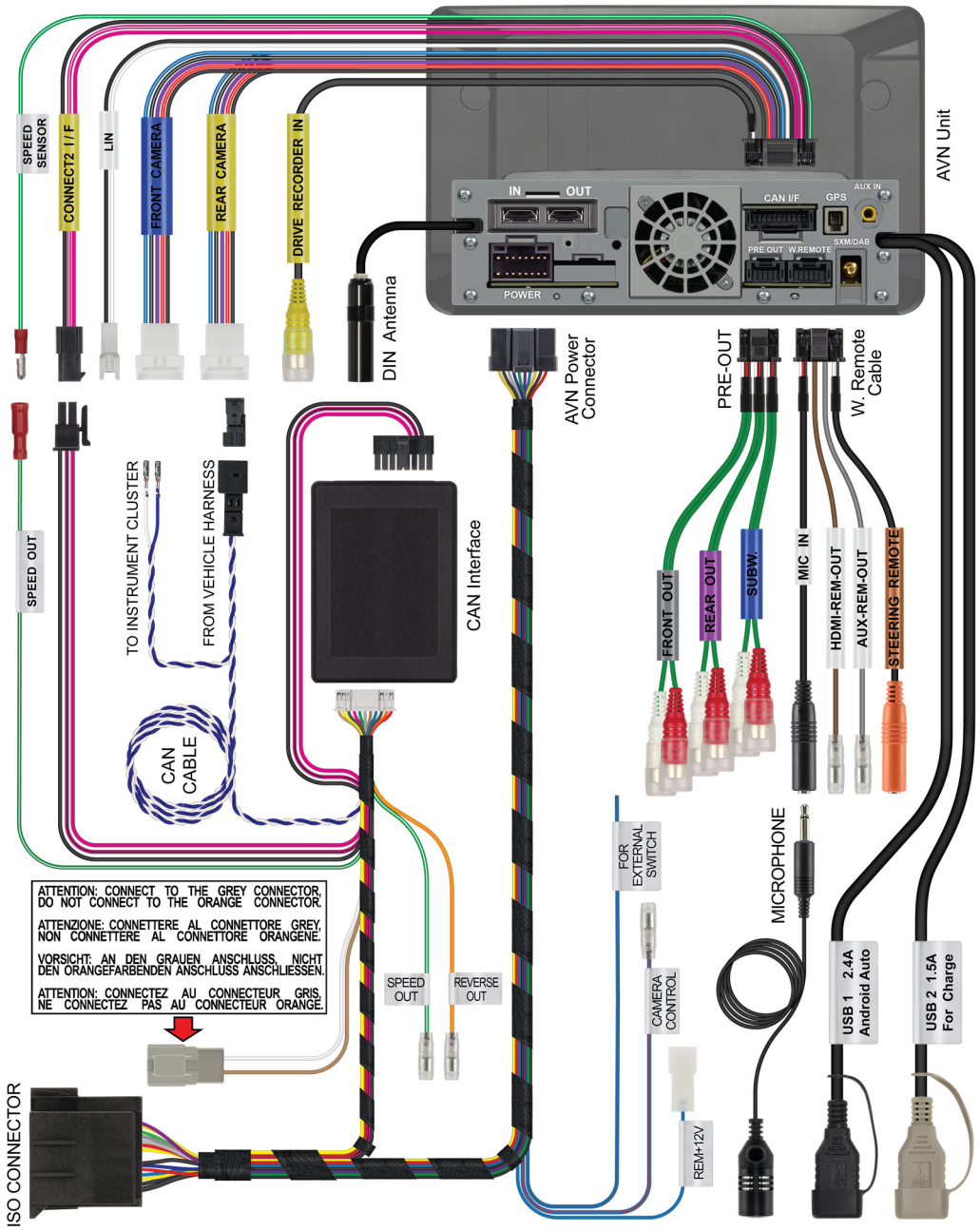
Now you can enable *PreFlight Check* in the Interface Settings.

Go to the Interface Settings and set the preferred options under *Preflight check settings*.



In the lower section, select items to be shown after the engine was started.

# H. Connectivity Layout



ATTENTION: CONNECT TO THE GREY CONNECTOR  
DO NOT CONNECT TO THE ORANGE CONNECTOR.

ATTENZIONE: CONNETTERE AL CONNETTORE GREY.  
NON CONNETTERE AL CONNETTORE ORANGINE.

VORSICHT: AN DEN GRAUEN ANSCHLUSS, NICHT  
DEN ORANGEFARBENDEN ANSCHLUSS ANSCHLIESSEN.

ATTENTION: CONNECTEZ AU CONNETTEUR GRIS.  
NE CONNEXTEZ PAS AU CONNETTEUR ORANGE.

