

# INSTALLATION MANUAL

Steering wheel remote control interface for:

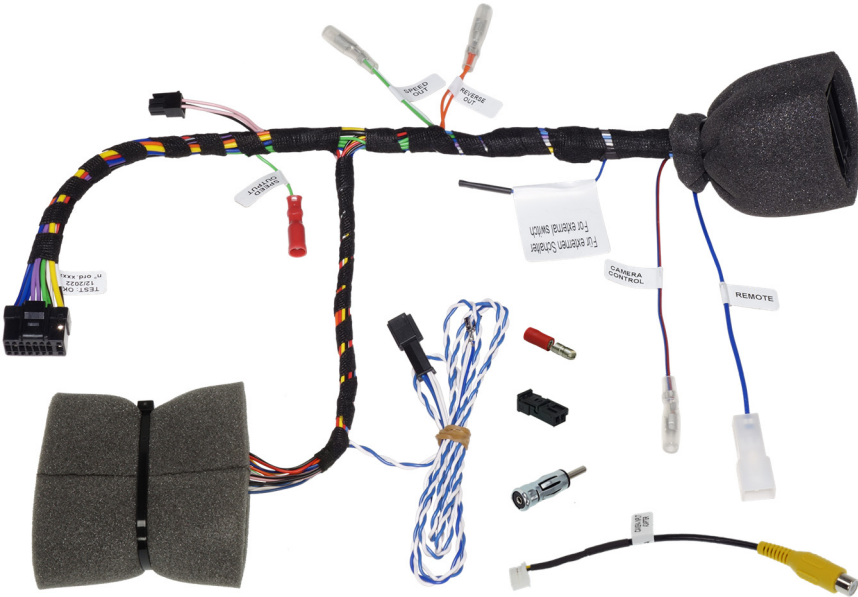
# FIAT, CITROËN, PEUGEOT

<b>Model:</b>	Ducato III	250/251	2006 – 2011
	Ducato III	250/251	2011 – 2014
	Ducato III	250/251/290	2014 – 2021
	Jumper II	250/251/290	2006 →
	Boxer II	250/251/290	2006 →

**Kit content:** SWRC CAN bus to UART interface with wiring harness and ISO connector; antenna DIN adapter; camera adapter, plastic socket

**Compatibility:** Compatible with several original radio systems

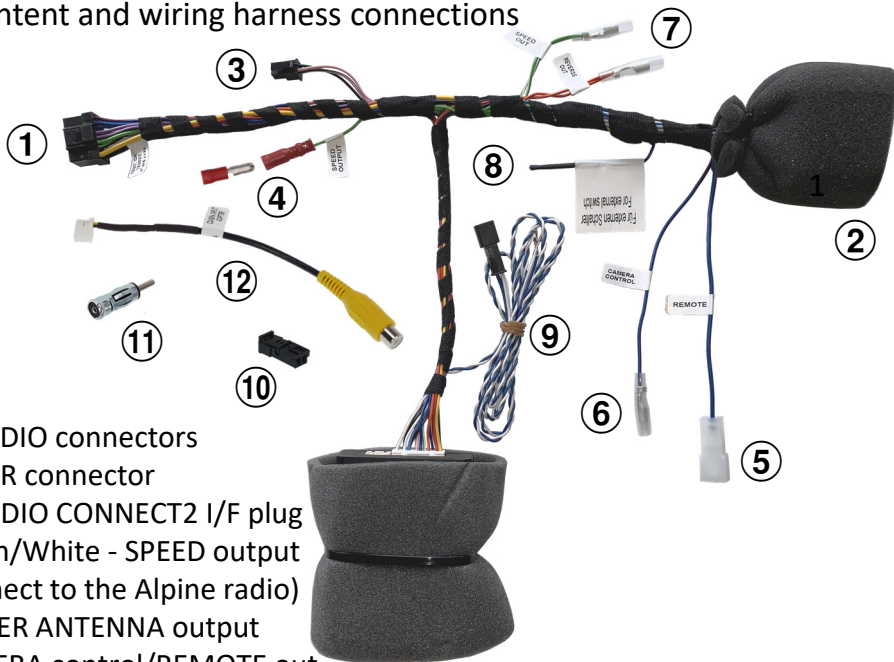
**Suitable for:** ALPINE Head Units with “CONNECT2 I/F” input



## INSTALLATION MANUAL

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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## A. Content and wiring harness connections



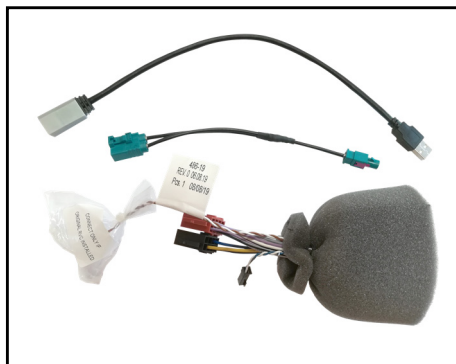
- 1 - to RADIO connectors
- 2 - to CAR connector
- 3 - to RADIO CONNECT2 I/F plug
- 4 - Green/White - SPEED output (connect to the Alpine radio)
- 5 - POWER ANTENNA output
- 6 - CAMERA control/REMOTE out
- 7 - to optional/extra SERVICES:  
Orange – Reverse output  
Green/White – Speed output
- 8 - to 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

## B. Additional accessories.



1. If the car is not equipped with open dash and single DIN radio frame, replace the radio dock with the following original Fiat spare part number: 735535319



2. If the car is not equipped with ISO connector for radio, you need the following Alpine part number: KIT-DU-OEM.

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



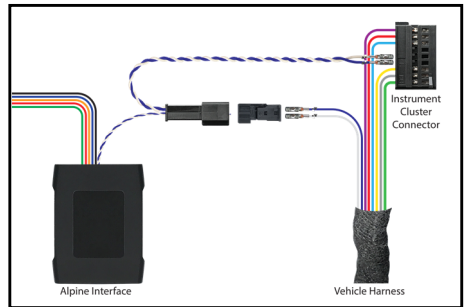
1. Remove the two screws of the instrument panel cover.



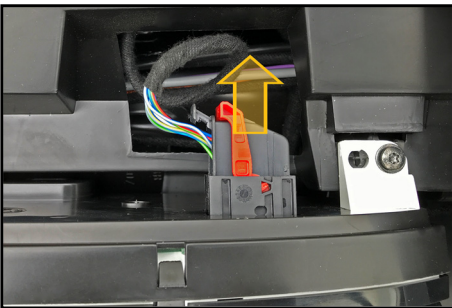
2. Lift the cover at the back first



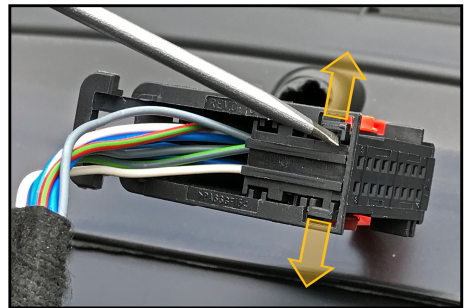
3. Now remove the cover completely from the instrument cluster.



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

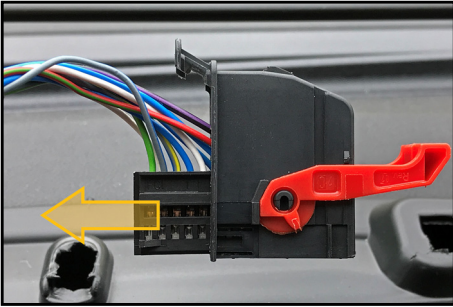


5. Remove the connector from the instrument panel.

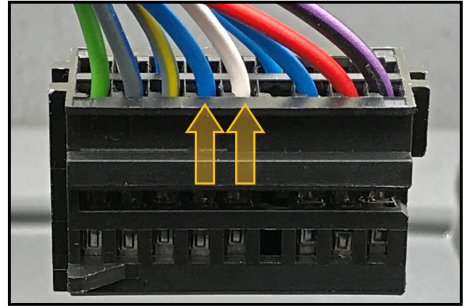


6. Release the locking clips of the connector housing.

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

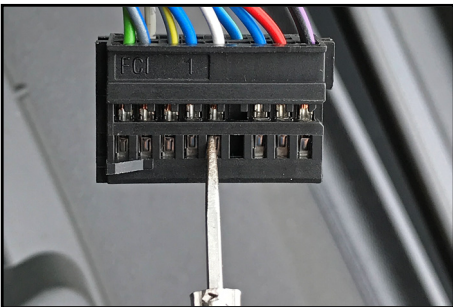


7. Remove the connector from the housing.

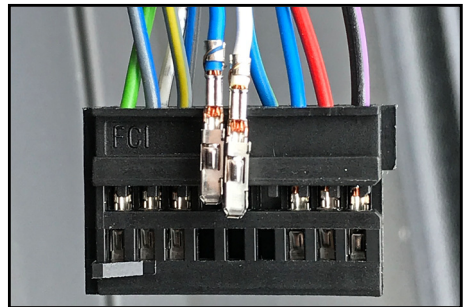


8. CAN cables: colors according to table.

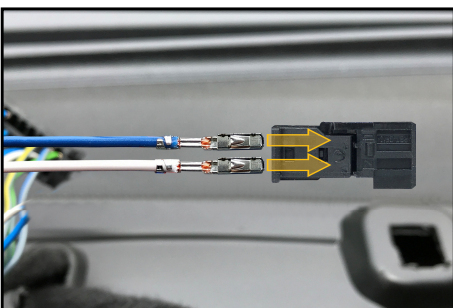
Modelyear	CAN High	CAN Low	
2014 -	Blue		
2011 - 2014	Black	Orange	Orange
2006 - 2011		Pink	Pink



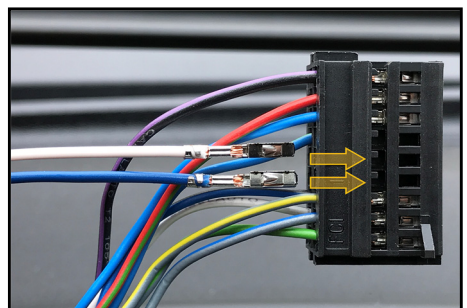
9. Release the terminals of the CAN cables with the suggested release tool.



10. Remove both cables.

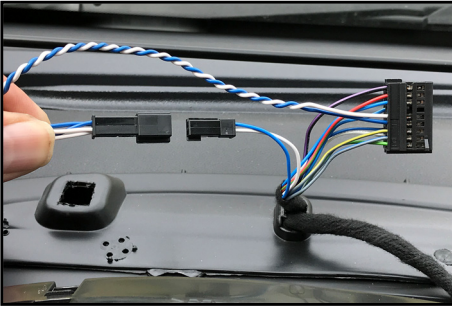


11. Insert both cables to the supplied 2 pin connector housing as shown.

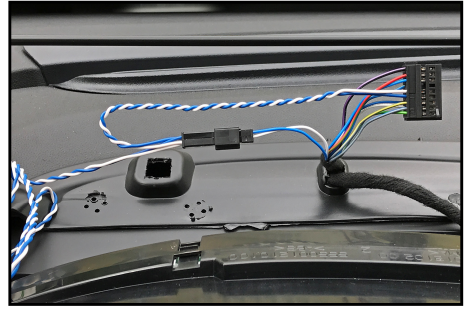


12. Insert the terminals of the cables from the supplied T-Harness into the connector from the instrument cluster.

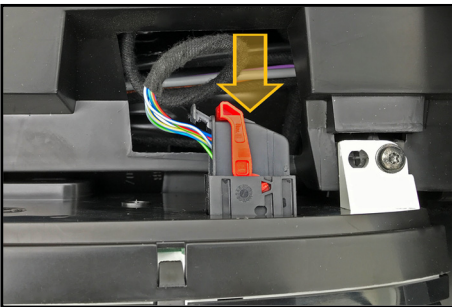
C. Connect the CAN bus to vehicle (point 10 / page 2).



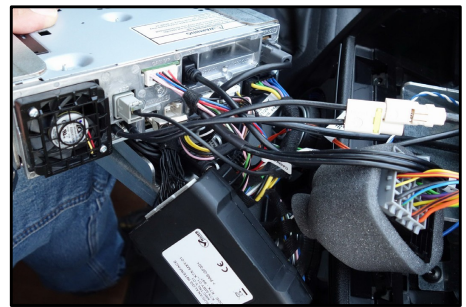
13. Connect both CAN plugs.



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 12 of this installation manual.











D. Steering wheel remote control functions.








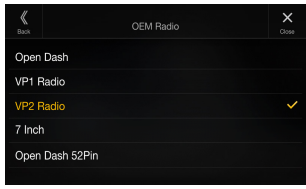



The Fiat Ducato, Citroën Jumper & Peugeot Boxer steering wheel remote control buttons perform the following functions:  
(if supported by the radio / vehicle):



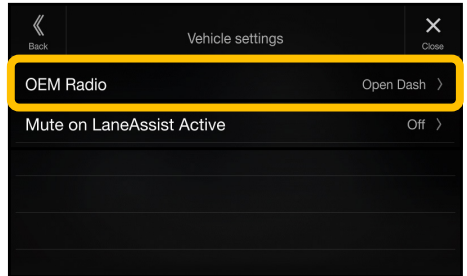
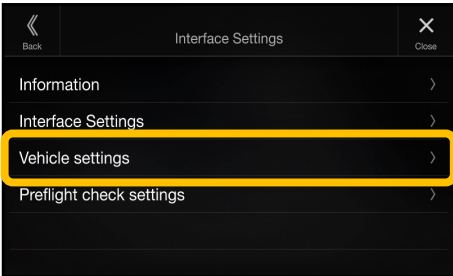
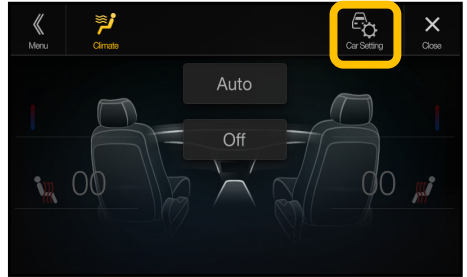
- 1 Mute
- 2 Volume +/-
- 3 Voice Command  
\*not in older Ducato
- 4 Accept incoming call /  
Voice Command
- 5 Seek +/-
- 6 Hang up active call / Source

E. Set the radio type according to the configuration of your vehicle.

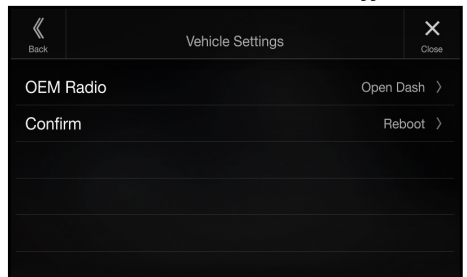
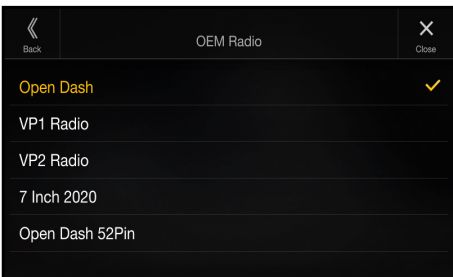
VEHICLE CONFIGURATION	Configuration <b>with / without</b> radio steering wheel remote controls and open dash	Configuration <b>with / without</b> radio steering wheel remote controls and open dash with 52-pin FCA connector	Configuration <b>with / without</b> radio steering wheel controls and radio with ISO connector with CAN included
SWRC			
RADIO TYPE			
INTERFACE SETTING	Select the configuration indicated in the picture. For more details see page 8 of the manual.	Select the configuration indicated in the picture. For more details see page 8 of the manual. Additional accessories required.	Not compatible. In preparation. Will be made available as “Delphi Radio” soon. For more details see page 8 of the manual.
INTERFACE SETTING			-
CONNECTOR TYPE	ISO	52-pin 	ISO 

VEHICLE CONFIGURATION	Configuration <b>with / without</b> radio steering wheel controls and VP1 radio	Configuration <b>with / without</b> radio steering wheel controls and VP2 radio	Configuration <b>with / without</b> radio steering wheel controls and 7 inch 2020 Navi
SWRC			
RADIO TYPE			
INTERFACE SETTING	Select the configuration indicated in the picture. For more details see page 8 of the manual. Additional accessories required.	Select the configuration indicated in the picture. For more details see page 8 of the manual. Additional accessories required.	Select the configuration indicated in the picture. For more details see page 8 of the manual. Additional accessories required.
INTERFACE SETTING			
CONNECTOR TYPE	52-pin 	52-pin 	ISO

F. Access the interface *OEM Radio* menu as shown in the pictures.



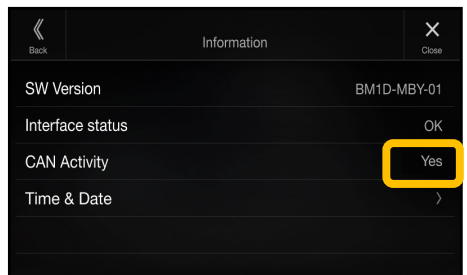
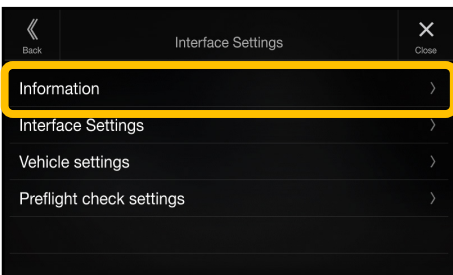
*Mute on LaneAssist Active*  
- Switch between *On* and *Off*



*Confirm (Reboot) your radio type.*

Choose your originally installed radio type.

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

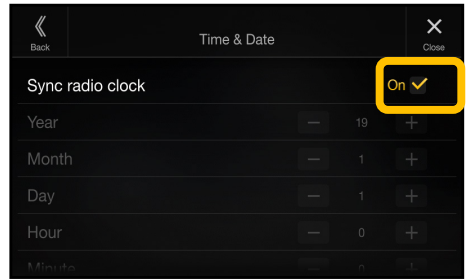
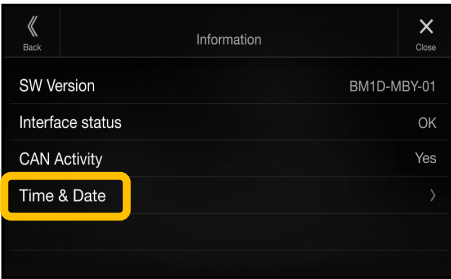


*CAN Activity (Yes / No)*

- If the CAN connection to the vehicle is correct, display shows "Yes".



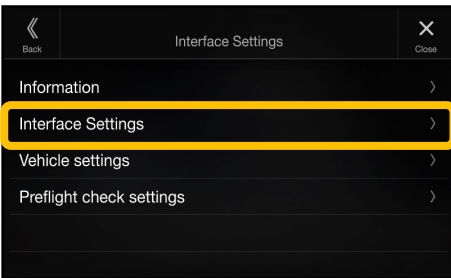
## G. Access the interface *Information* as shown in the pictures.



### *Time & Date*

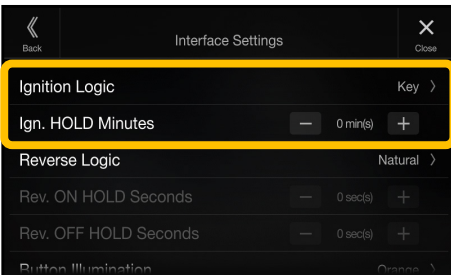
- The menu item is only displayed in vehicles with the original VP2 radio
- *Sync radio clock*
- After installing the interface, if the vehicle had the VP2 OEM radio previously installed, you may find that the time clock in the instrument panel flashes. In this case the clock needs to be set or sync'd via the radio.

## H. Access the *Interface Settings* as shown in the pictures.



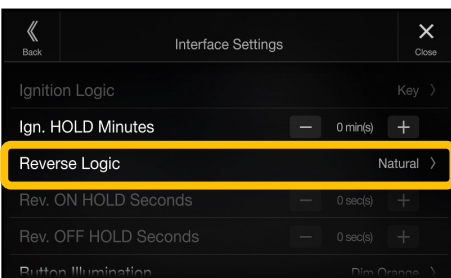
### *Ignition Logic* (only if supported by vehicle)

- 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*

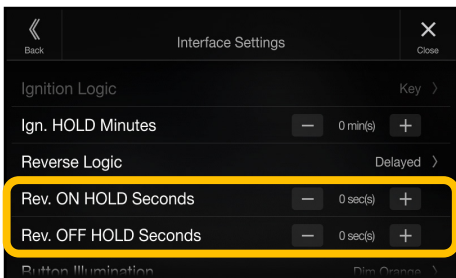
- Adjustable between 0 and 30 min(s)
- The radio "runs on" the set time (0 to 30 min(s)) when the ignition is switched off from the vehicle / radio



### *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*

## H. Access the *Interface Settings* as shown in the pictures.



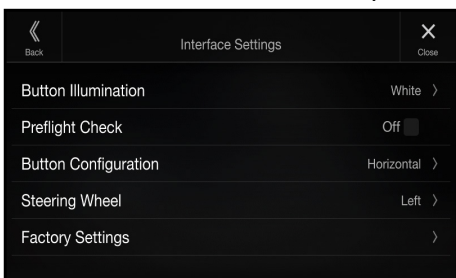
### *Reverse OFF HOLD Seconds (0 to 30sec(s))*

- 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.)

### *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.



### *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)

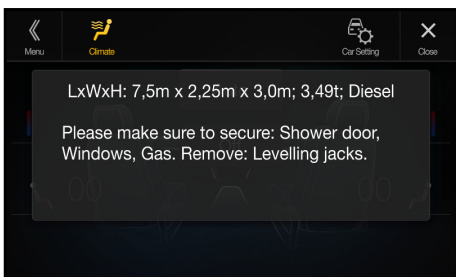
### *Steering Wheel (only X903D-DU(2)/X903D-ID/X903D(C)-F)*

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

### *Factory Settings*

- Resets all interface settings

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



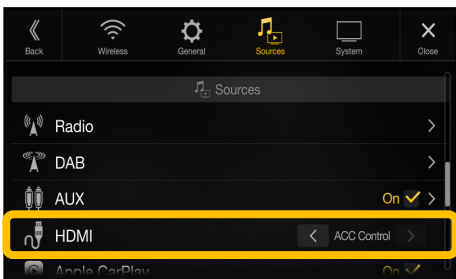
*The Pre-Flight Check features shows the vehicle parameters and preselected warnings every time the engine is started.*

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

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

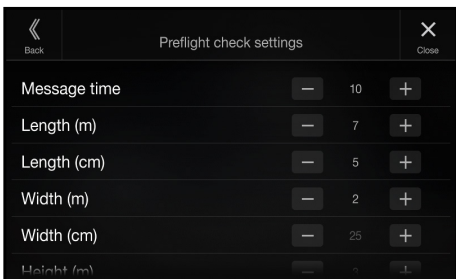


To enable the feature, select *Menu* → *Setup*.

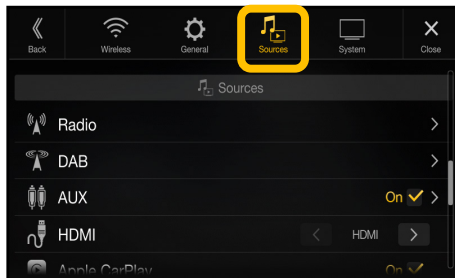


In the *HDMI* section select *ACC Control*\*.

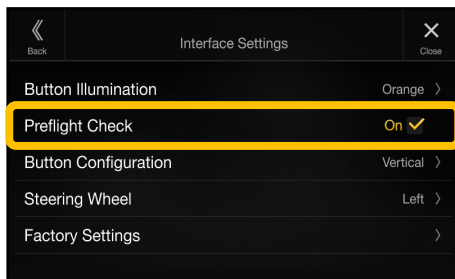
Go to the *Interface Settings* and set the preferred options under *Preflight check settings*.



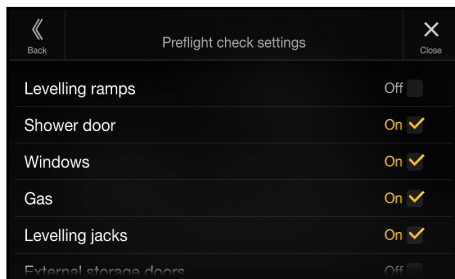
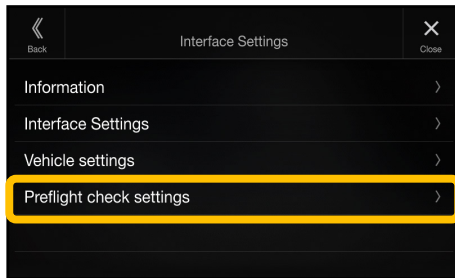
In the upper section you can configure how long the message will be shown and the vehicle parameters.



Select *Sources* from the upper icons.



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



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

# J. Connectivity Layout

