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⁺ adapter; camera adapter; plastic socket
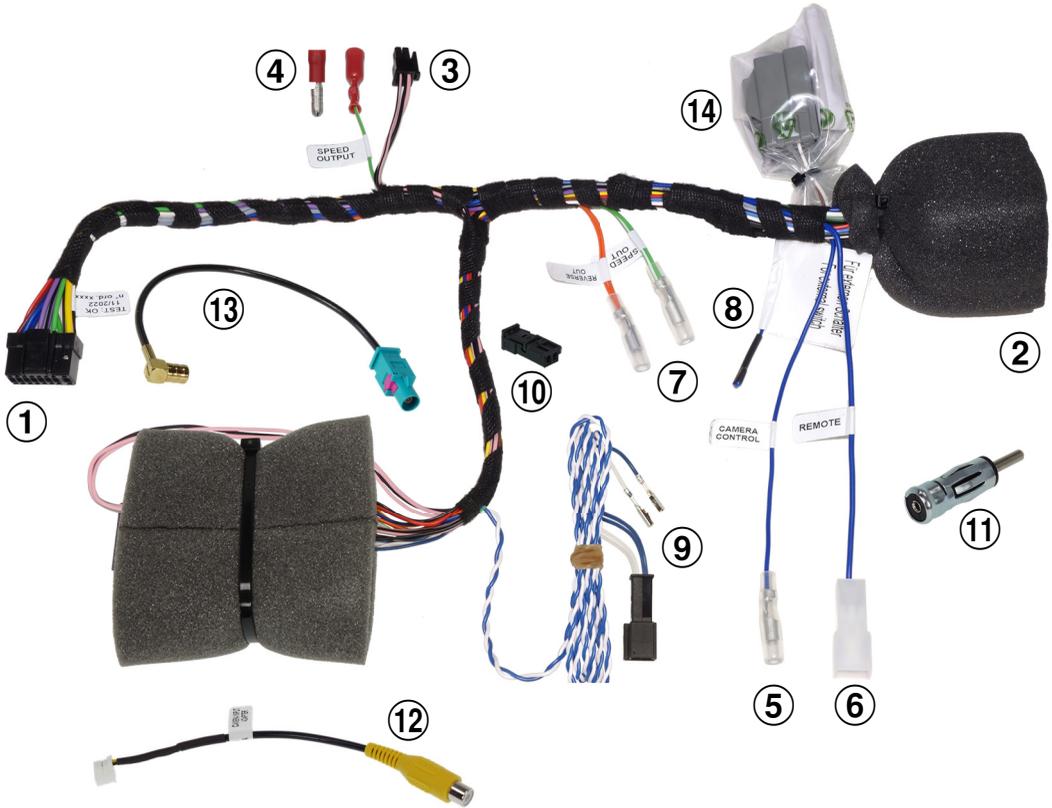
Compatibility: Compatible with Ducato 8 Open-Dash version

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

Content and wiring harness connections

1 - to RADIO POWER connector
2 - to CAR connector
3 - to RADIO CONNECT2 I/F plug
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$^+$
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).
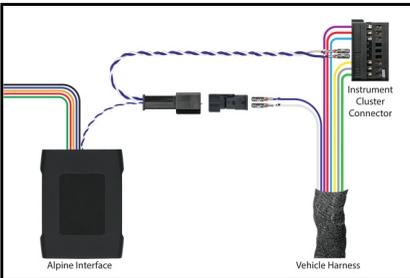

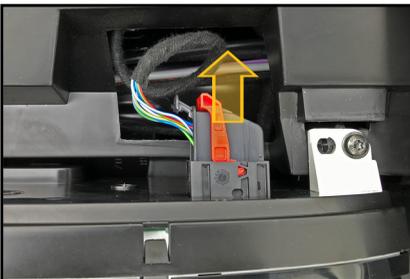1. Remove the two screws of the instrument panel cover.

2. Lift the cover at the back first

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

Instrument Cluster Connector

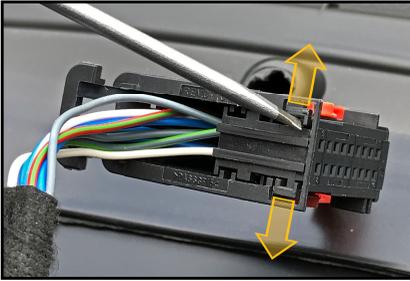Alpine Interface   Vehicle Harness

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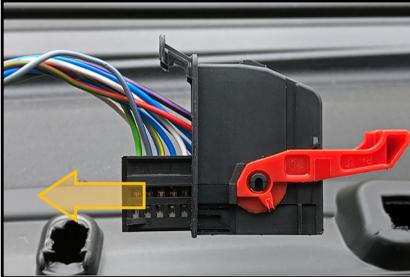

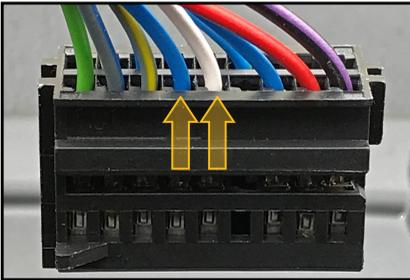5. Remove the connector from the instrument panel.

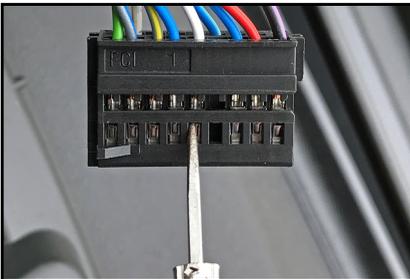A. Connect the CAN bus cable to vehicle (point 10 / page 2).

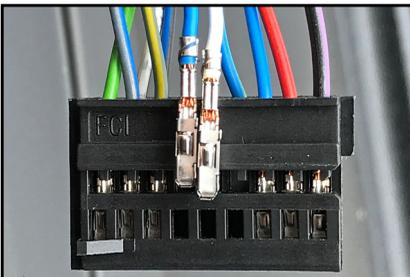6. Release the locking clips of the connector housing.

7. Remove the connector from the housing.

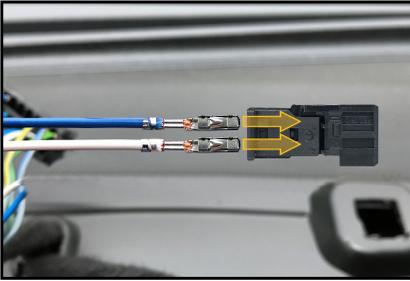8. CAN cables colors:
   Blue = CAN High
   White = CAN Low

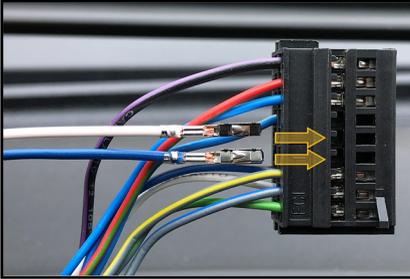9. Release the terminals of the CAN cables with the suggested release tool.
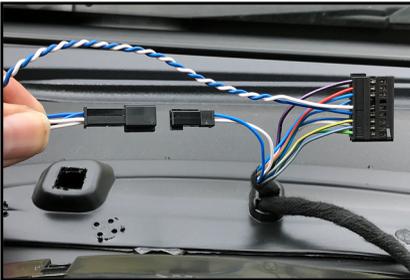

10. Remove both cables.

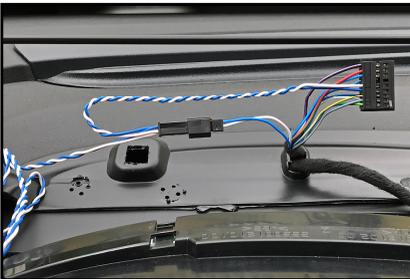A. Connect the CAN bus cable to vehicle (point 10 / page 2).

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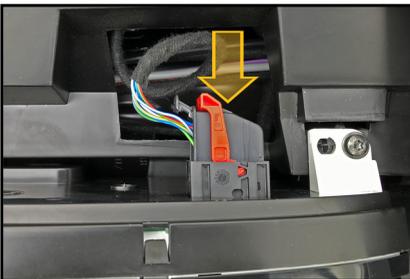

12. Insert the terminals of the cables from the supplied T-Harness into the connector from the instrument cluster.

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.
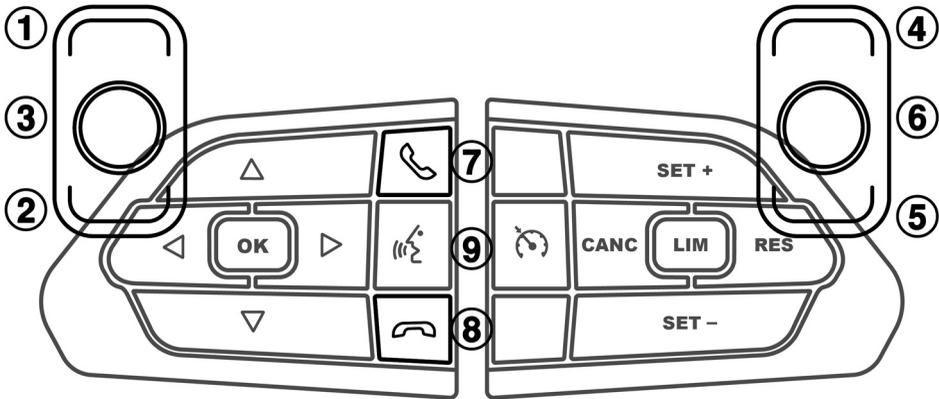
C. Additional accessories.
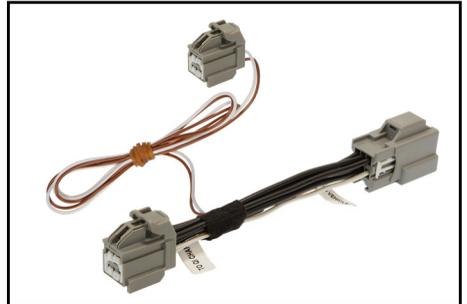
1. In case the vehicle is equipped with the FIAT wireless Qi charger, a separate spare part is required to retain it's functionality. Alpine part number: KWE-QI-DU8.
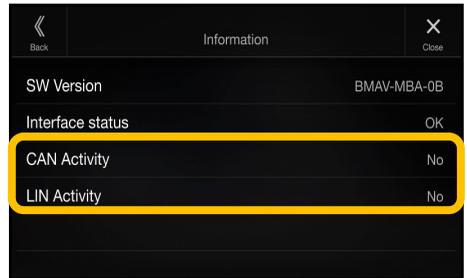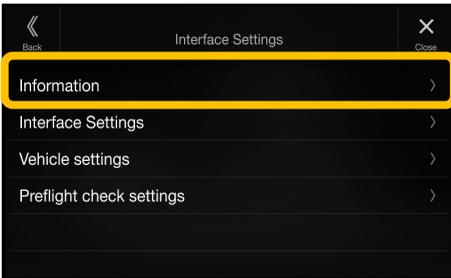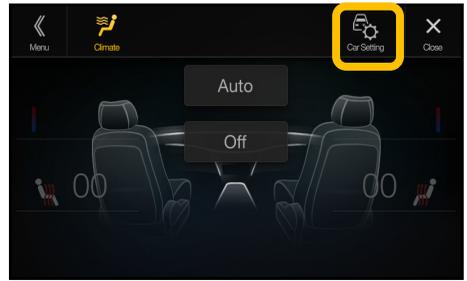
D. Steering wheel remote control functions.

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 -		

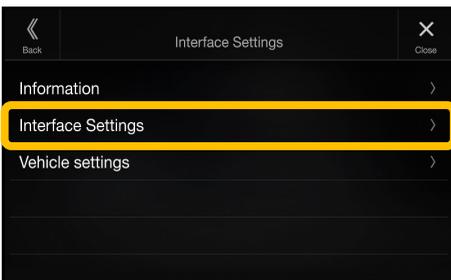E. Access the interface *Information* as shown in the pictures.

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
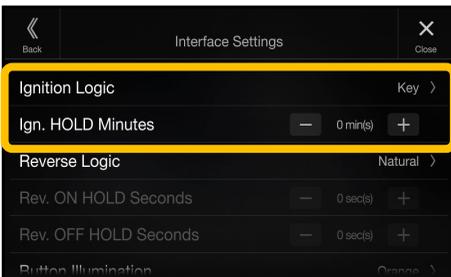
F.   Access the *Interface Settings* as shown in the pictures.
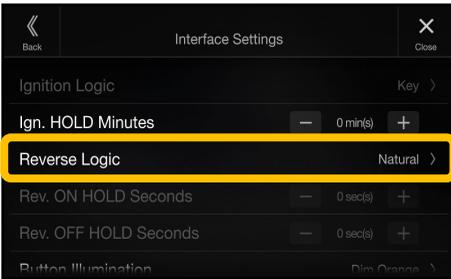
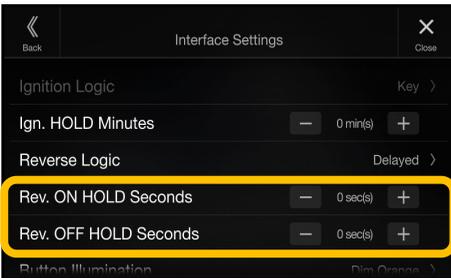*Reverse Logic*
- Switch between *Natural* and *Delayed*
- *Natural* = Switches the reversing signal with activation / deactivation
  of the reverse gear immediately *ON* / *OFF*
- *Delayed* = Switches the reversing signal with activation / deactivation
  of the reverse gear with a delay *ON* / *OFF*

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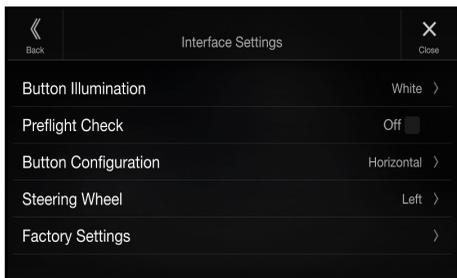 the menu.
Reverse OFF HOLD Seconds (0 to 30sec(s))
- When you are removing the reverse gear, the interface will remove
  the reverse to the radio after the time period (0 to 30sec(s)) specified
  in the menu. (The camera image of the rear-view camera is displayed
  accordingly longer.)

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

Back	Interface Settings	Close
Button Illumination		White >
Preflight Check		Off
Button Configuration		Horizontal >
Steering Wheel		Left >
Factory Settings		>

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
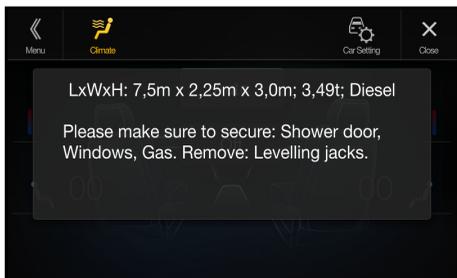 installed position of the keys (not used)
Steering Wheel (only X903D-DU(2)/X903D-ID/X903D(C)-F)
- Switchable between *Left* (default) and *Right*
Factory Settings
- Resets all interface settings

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

Menu	Climate		Car Setting	Close
LxWxH: 7,5m x 2,25m x 3,0m; 3,49t; Diesel				
Please make sure to secure: Shower door, Windows, Gas. Remove: Levelling jacks.				

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

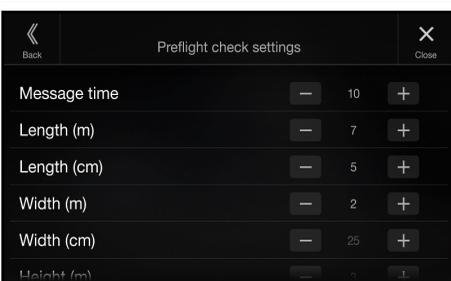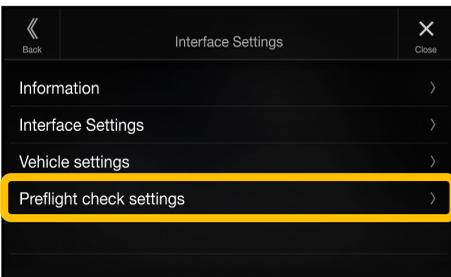*NOTE:* *The control of TV Tuner or DVD Player is no longer possible when ACC Control is activated.*

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

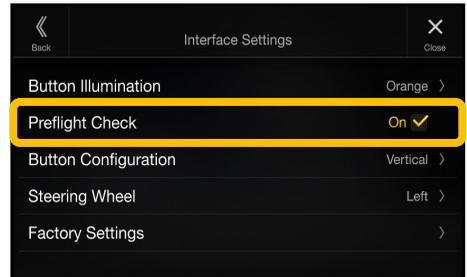To enable the feature, select *Menu* → *Setup*.
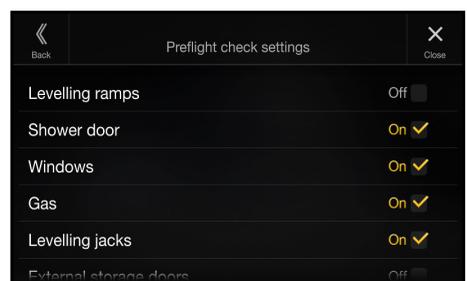

Select *Sources* from the upper icons.
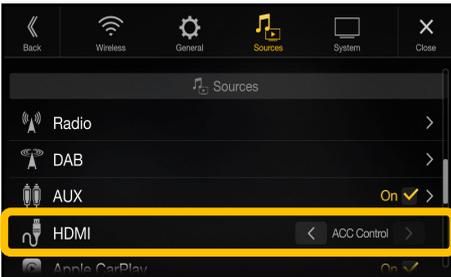
In the *HDMI* section select *ACC Control**.

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

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

H. Connectivity Layout