

MAESTRO 2.0 / MediaDAB 2.0 STEERING WHEEL COMMANDS CONNECTIONS

The interface allows to handle the functions by a wireless remote control or directly by the vehicle steering wheel commands. The compatibility is universal for the canbus or resistive vehicles listed in the compatibilities table.

CANBUS - GMLAN PROTOCOLS

The connection to the CANBUS vehicles is done putting the product in series to the CANBUS wires found into the car audio OEM connector. It's necessary to interrupt the two CANBUS cables in order to have two cables which go to the radio and two cables which go to the steering wheel.

The interface has at disposal 6 wires: the user must connect them in this way:

GREEN CAN HIGH IN must be connected to the cable which goes to the steering wheel.

GREEN/YELLOW CAN HIGH OUT must be connected to the cable that goes to the radio.

WHITE CAN LOW IN must be connected to the cable that goes to the steering wheel.

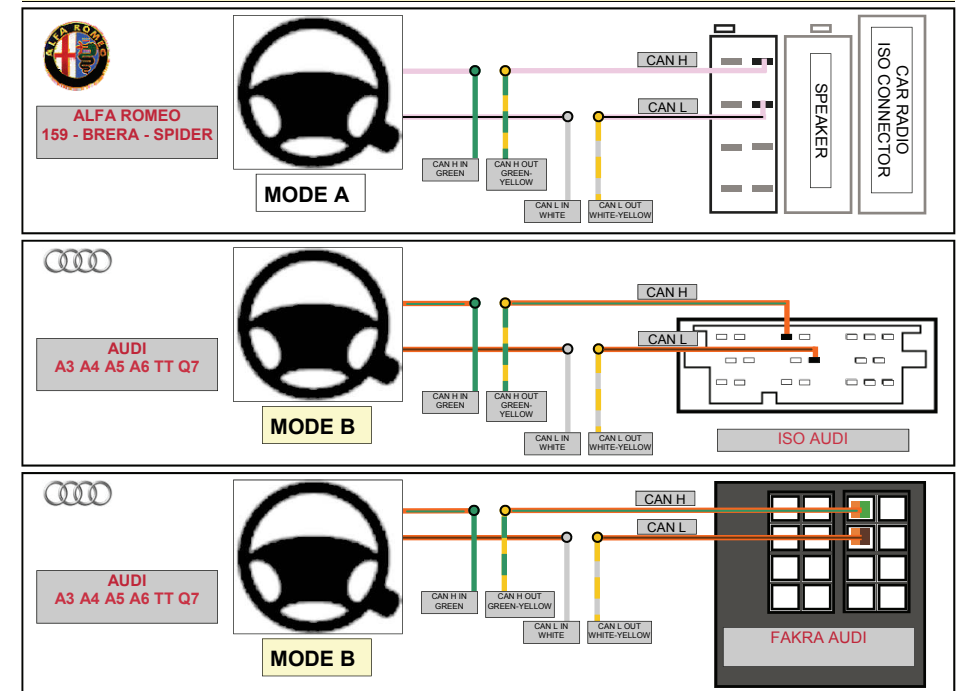
WHITE/YELLOW CAN LOW OUT must be connected to the cable that goes to the radio.

GREY, GMLAN IN, must be connected to the cable that goes to the steering wheel.

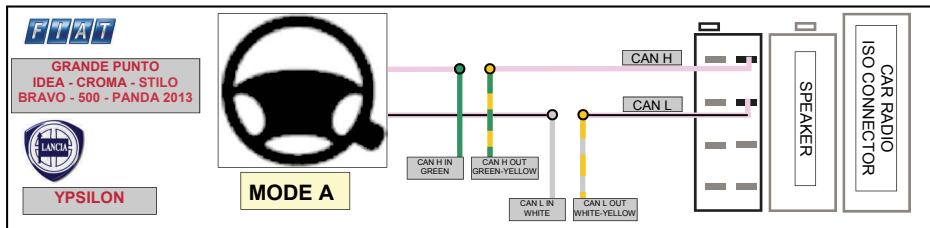
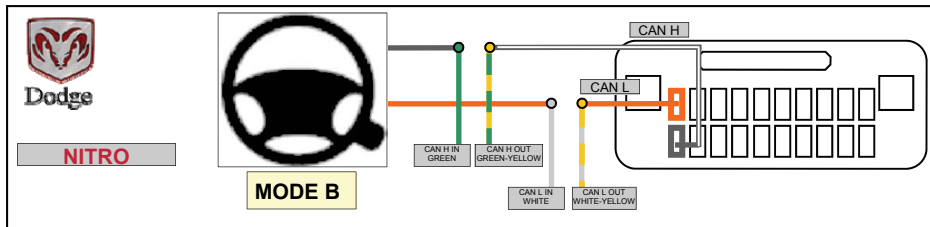
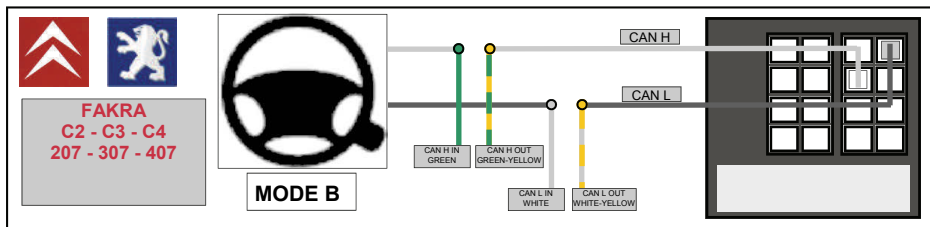
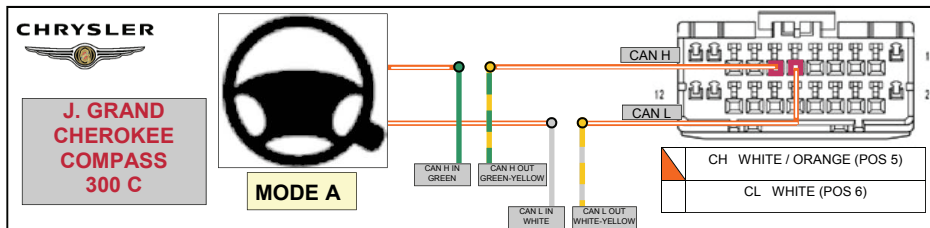
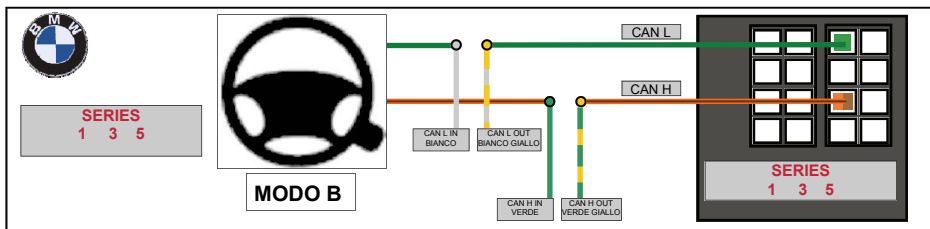
GREY / YELLOW, GMLAN OUTPUT, must be connected to the cable that goes to the radio.

Please follow the diagrams here below.

RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.
WARNING, IF THE VEHICLE IS WITH CANBUS PROTOCOL OR WITHOUT STEERING WHEEL COMMANDS, PLEASE CONNECT THE RESISTIVE WIRE TO THE GND!



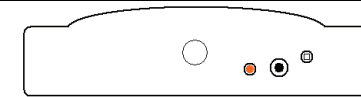
**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**



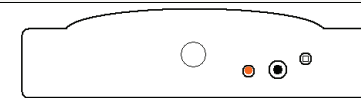
RESISTIVE SWC SELF-LEARNING PROCEDURE

If the steering wheel commands has some button that must work during the use of the unit, for example the phone buttons, it must to make a different programming.
Once arrived to the SOURCE button memorizing it must to carry on with the buttons to program (max 4 more after the source button).

If it's available the PHONE (ANSWER) button press and keep it pressed, the LED will light ORANGE, when the LED became RED please release the button.

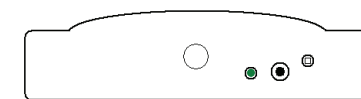


If it's available the PHONE (CLOSE) button press and keep it pressed, the LED will light ORANGE, when the LED became RED please release the button.



Now to confirm the programming of the buttons press the last button memorized till the LED became GREEN.

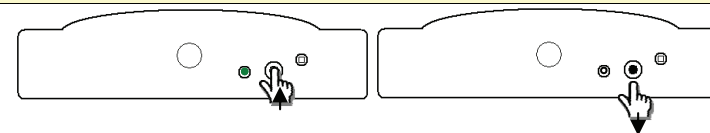
The programming is finished.



To finish the programming in any case it must to press the last button memorized till the LED became GREEN.

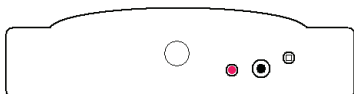
The programming is finished.

In case of trouble please reset the module, to make the reset press the button till the LED switch off.

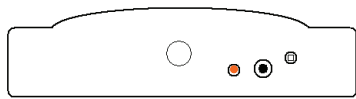


RESISTIVE SWC SELF-LEARNING PROCEDURE

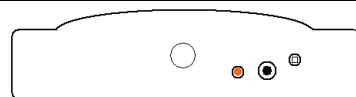
Once the connections are done it is necessary to program the buttons available on the steering wheel. This operation is simple and quick.
Power the unit, the LED located back the unit will light RED.



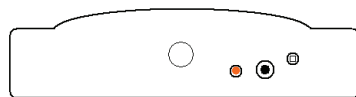
Now press and keep pressed the button VOLUME - on the steering wheel the LED will light ORANGE, when the LED became RED please release the button.



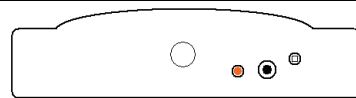
Now press and keep pressed the button VOLUME + on the steering wheel the LED will light ORANGE, when the LED became RED please release the button.



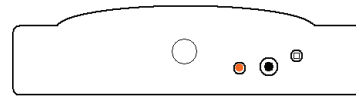
Now press and keep pressed the button SEEK - on the steering wheel the LED will light ORANGE, when the LED became RED please release the button.



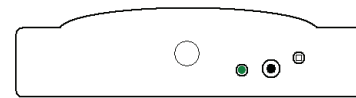
Now press and keep pressed the button SEEK + on the steering wheel the LED will light ORANGE, when the LED became RED please release the button.



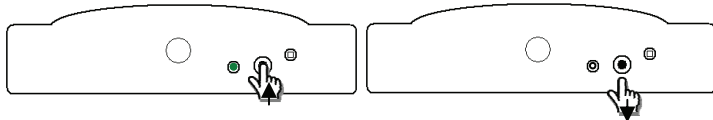
Now if it's available the SOURCE button press and keep it pressed, the LED will light ORANGE, when the LED became RED please release the button.



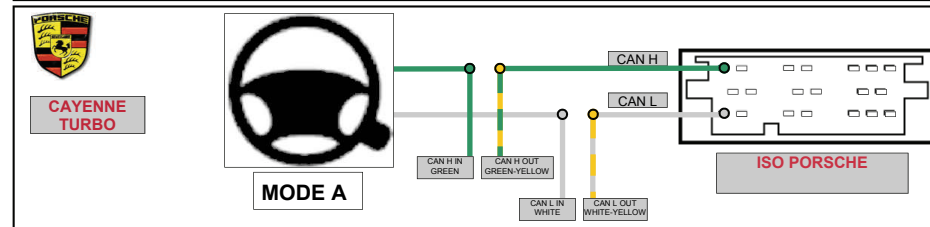
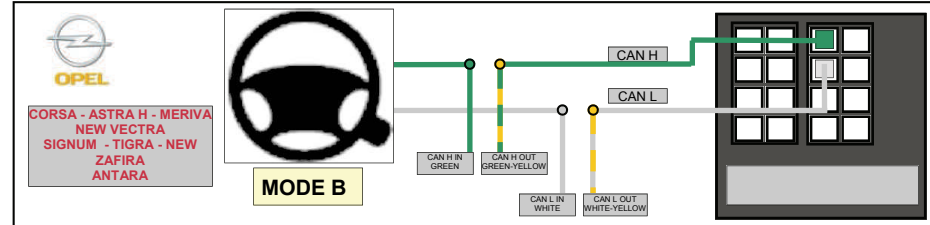
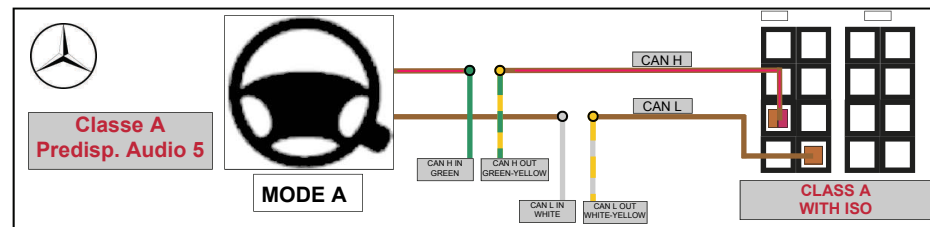
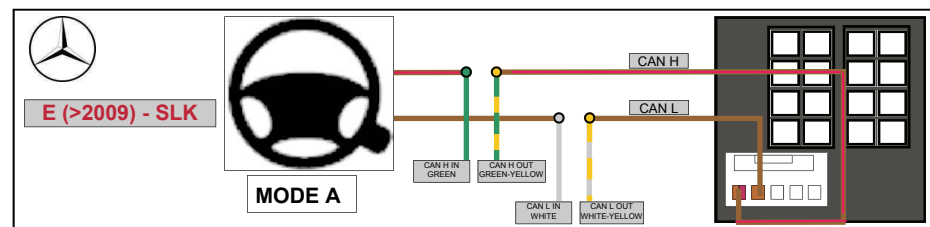
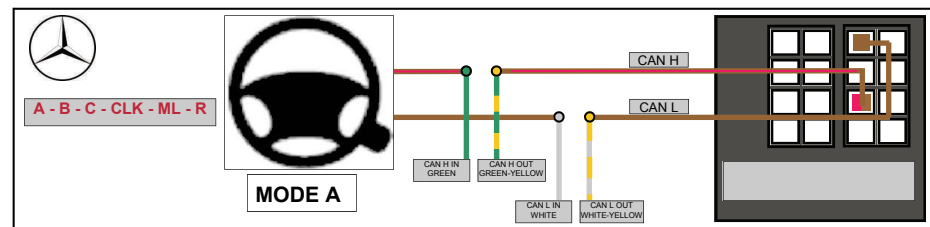
Now to confirm the programming of the buttons press the last button memorized till the LED became GREEN.
The programming is finished.



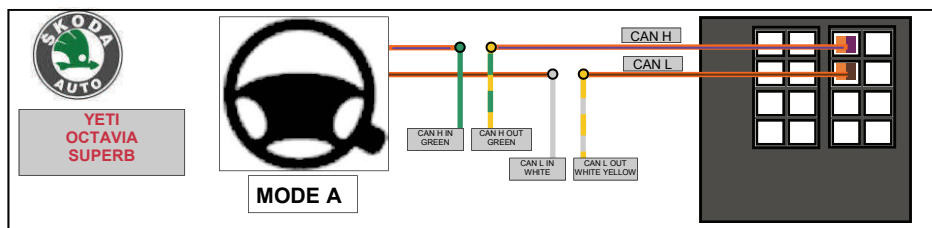
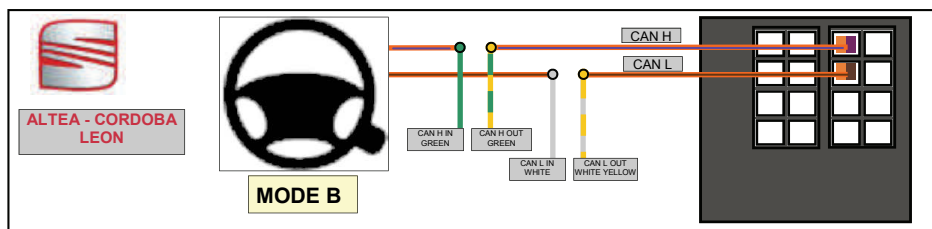
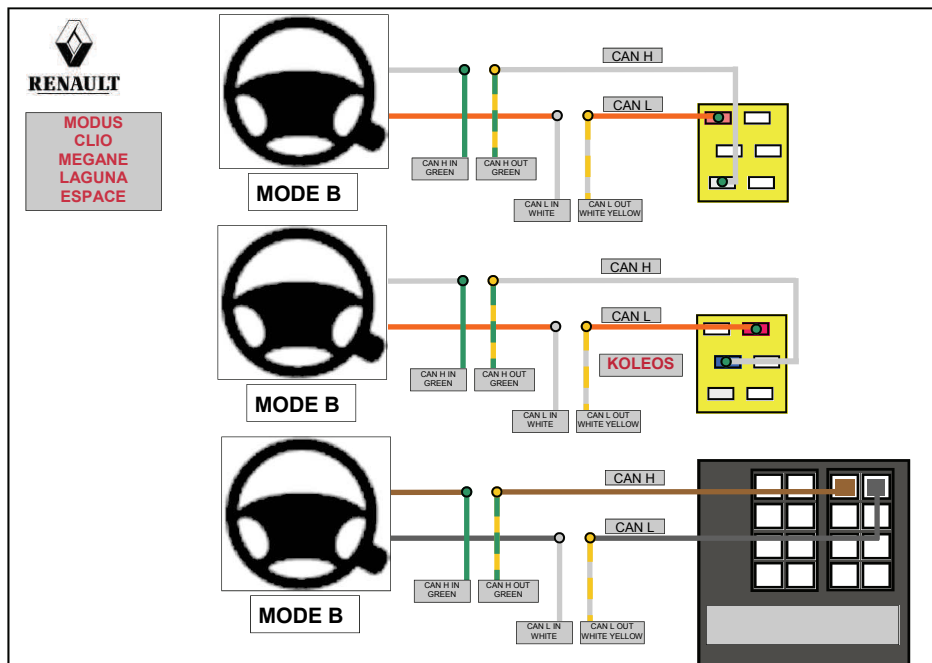
In case of trouble please reset the module, to make the reset press the button till the LED switch off.



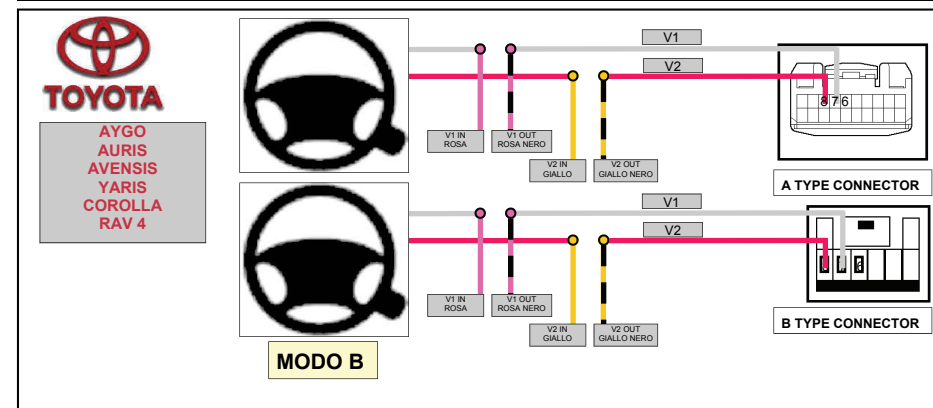
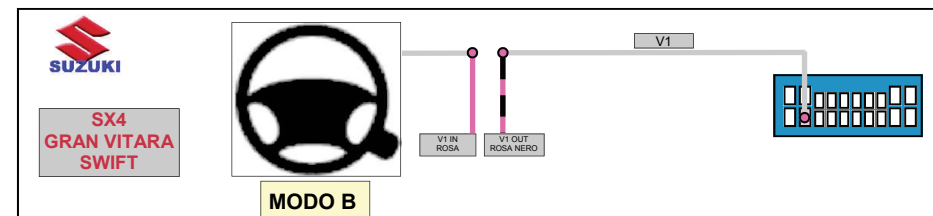
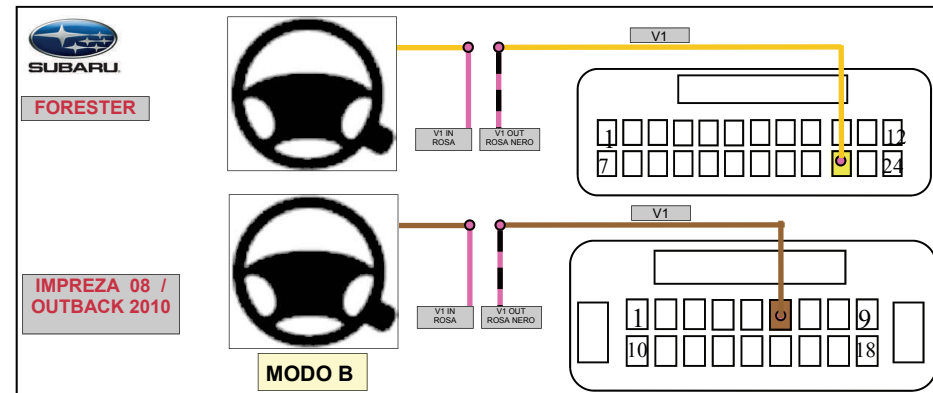
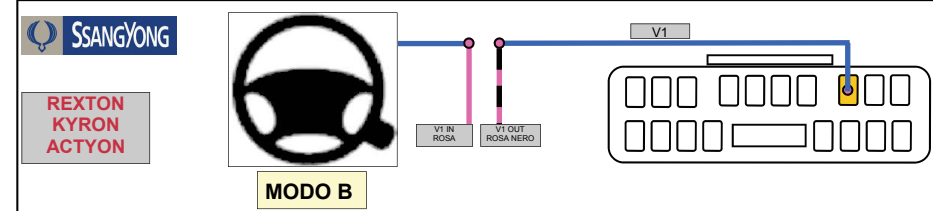
RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.



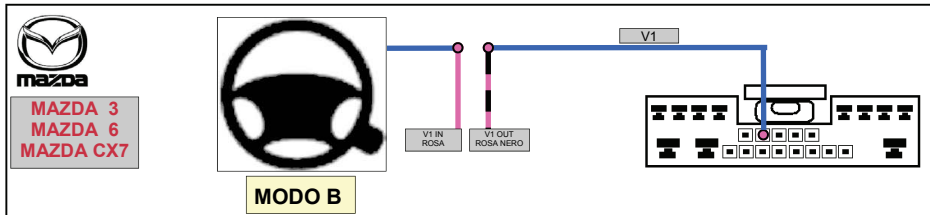
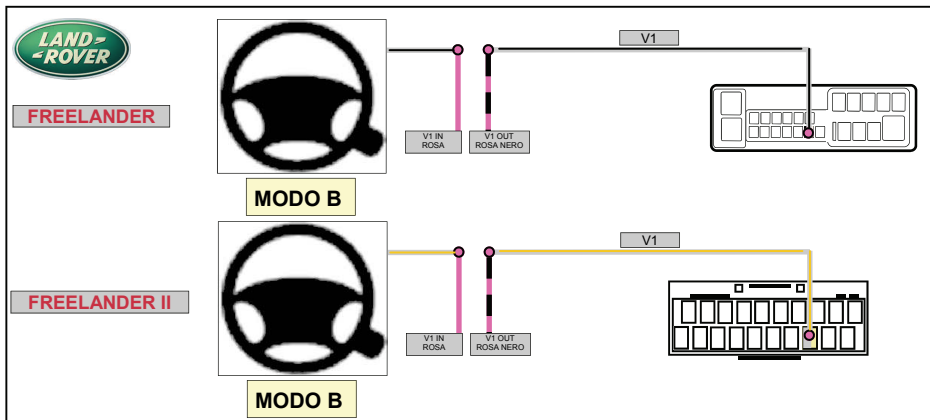
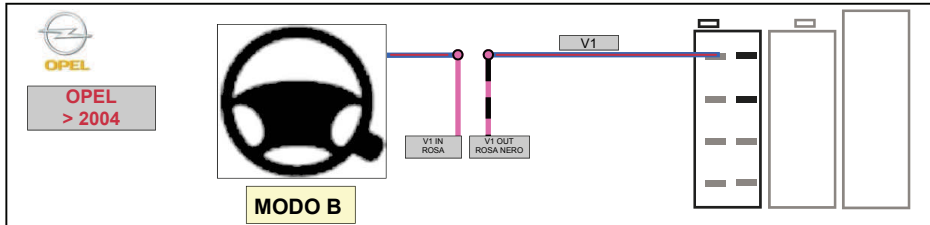
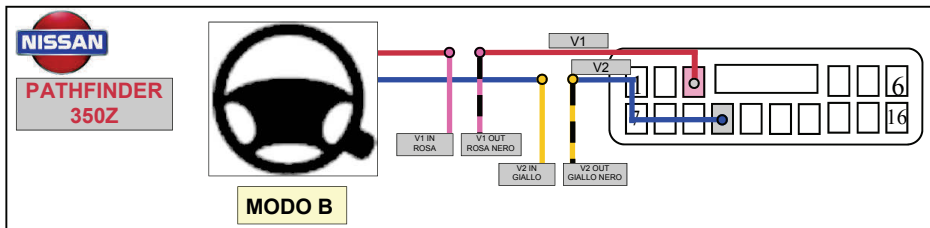
RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.



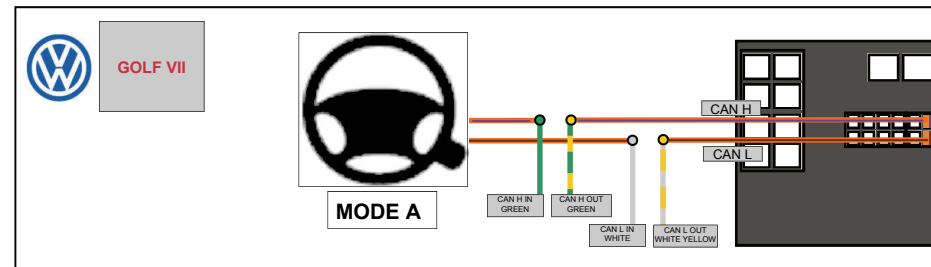
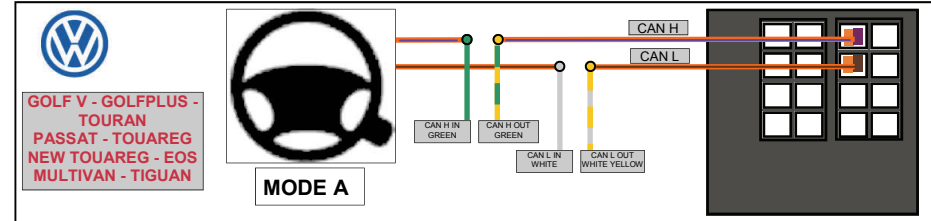
RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.



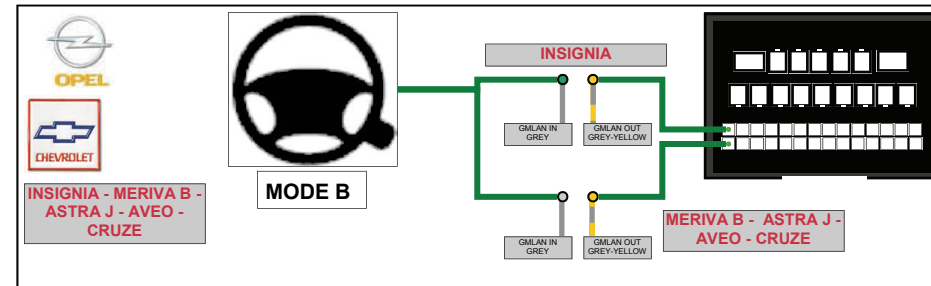
**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**



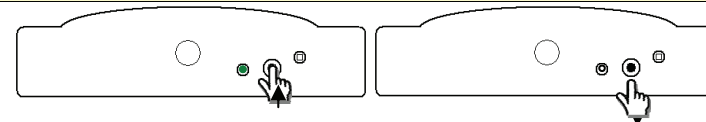
**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**



GMLAN CONNECTION



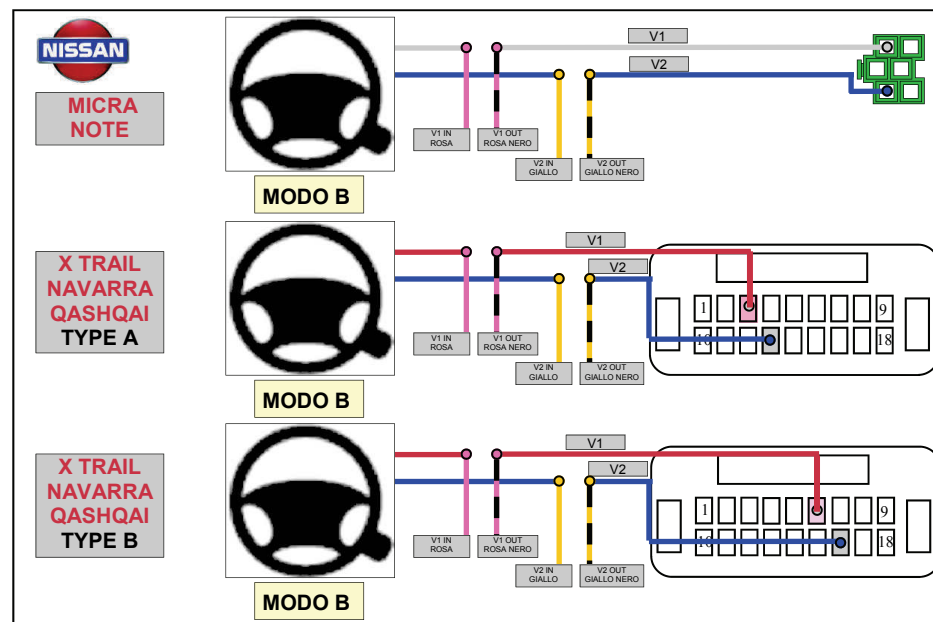
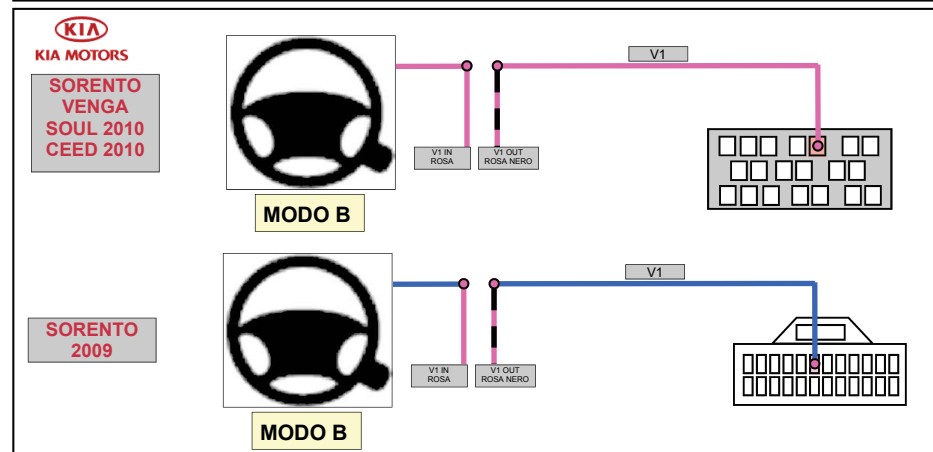
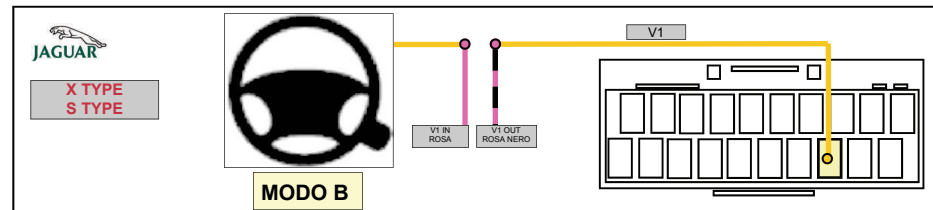
In case of trouble please reset the module, to make the reset press the button till the LED of switch off.



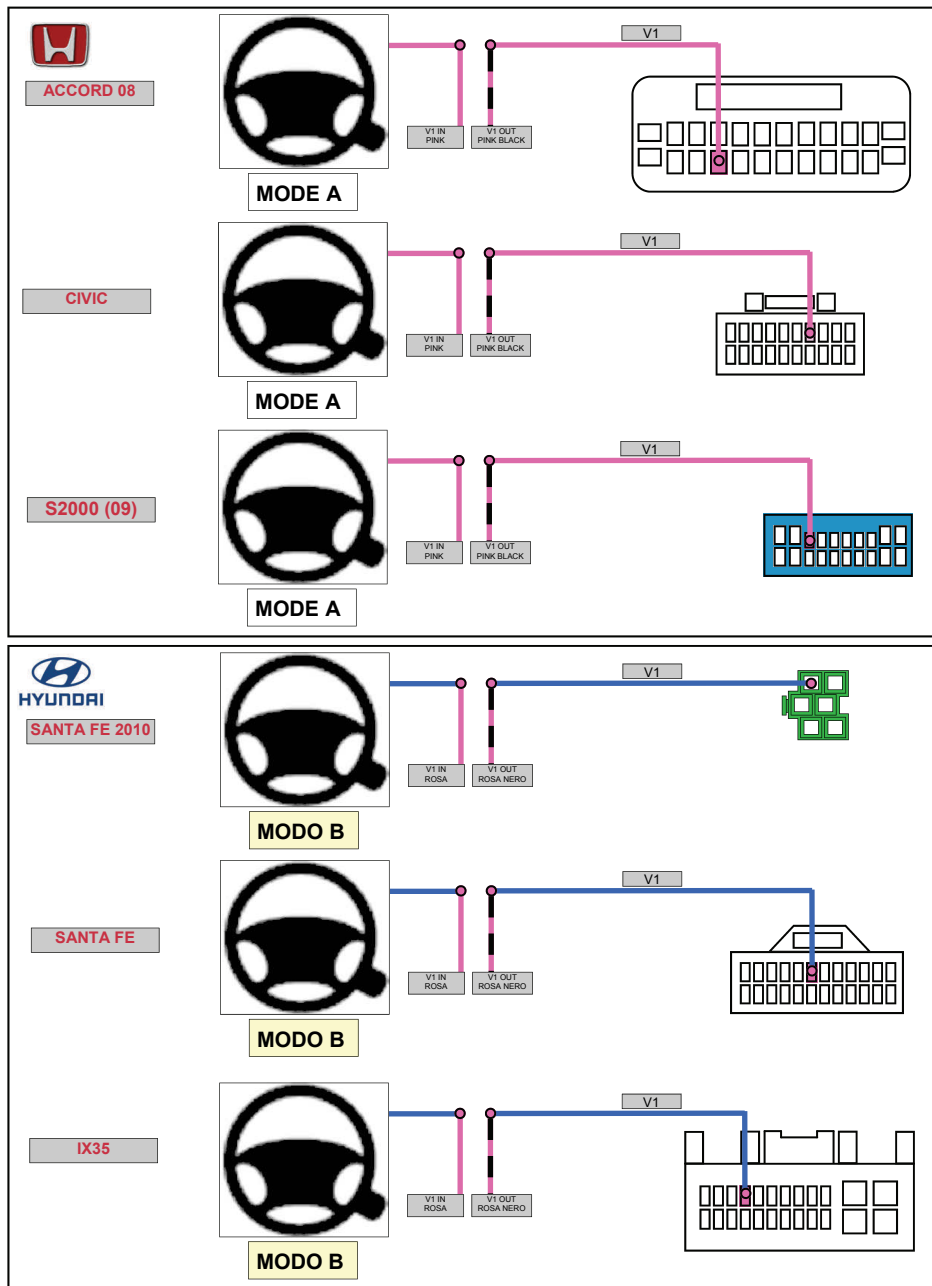
**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**

WARNING, IF THE VEHICLE IS WITH CANBUS PROTOCOL OR WITHOUT STEERING WHEEL COMMANDS, PLEASE CONNECT THE RESISTIVE WIRE TO THE GND!

**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**



**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**



RESISTIVE

The connection to the RESISTIVE vehicles is done putting the interface in series to the RESISTIVE wires which the user can find into the car audio OEM connector. It's necessary to interrupt the two RESISTIVE cables so to have two cables that go to the radio and to cables that go to the steering wheel (in some case there is only one wire to interrupt). The interface has at disposal 4 cables: the user must connect them in this way:

PINK V1 IN to connect to the cable that goes to the steering wheel.

PINK/BLACK V1 OUT to connect to the cable that goes to the radio.

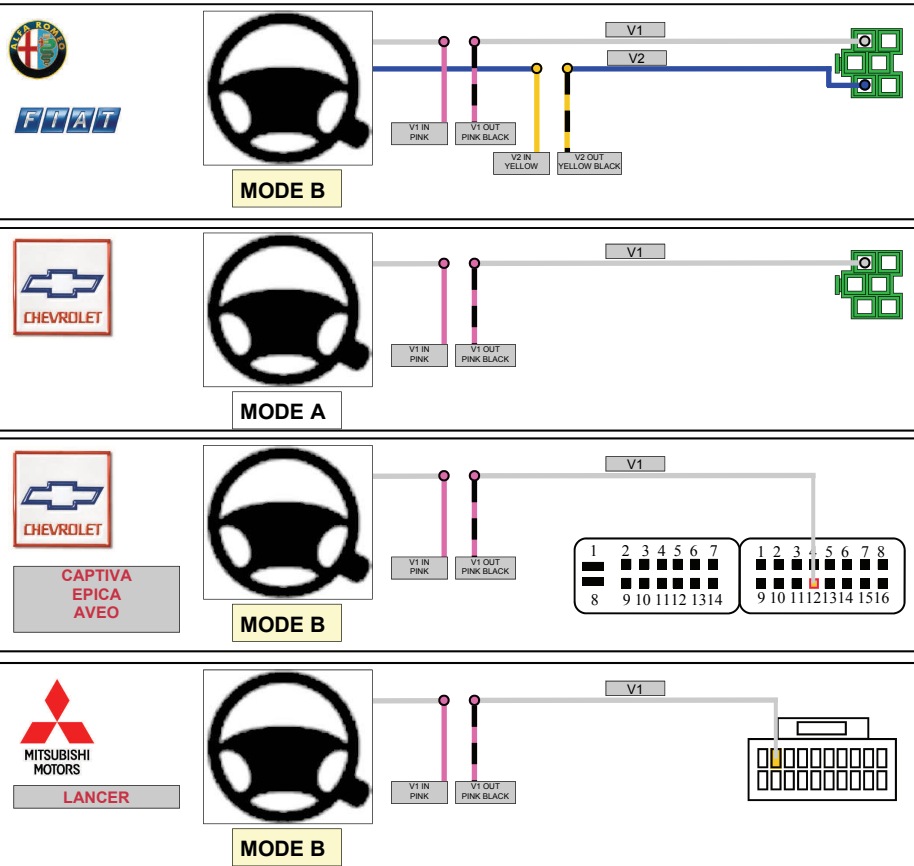
YELLOW V2 IN to connect to the cable that goes to the steering wheel.

YELLOW/BLACK V2 OUT to connect to the cable that goes to the radio.

Please, follow the diagrams here below.

**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**

**WARNING, IF ARE CONNECTED ONLY 2 WIRES, PLEASE CONNECT TO THE
GDN THE WIRES NOT USED!**



**RADIO CONNECTORS ARE SEEN FROM THE WIRES BACK VIEW.
THE COLOURS LISTED ARE JUST AS INDICATION, THEY COULD NOT CORRESPOND.
PLEASE REFER TO THE POSITIONS.**

