

## MAESTRO 3.0 Blue / MediaDAB 3.0 Blue 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.

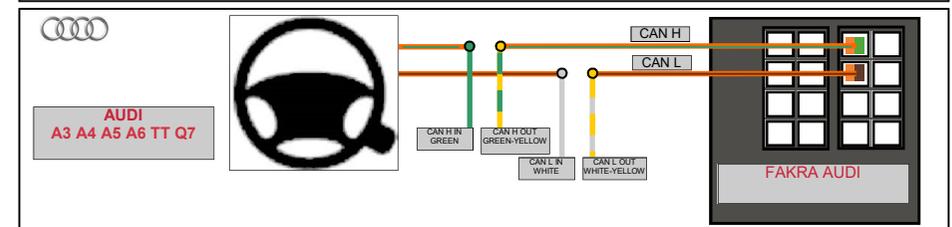
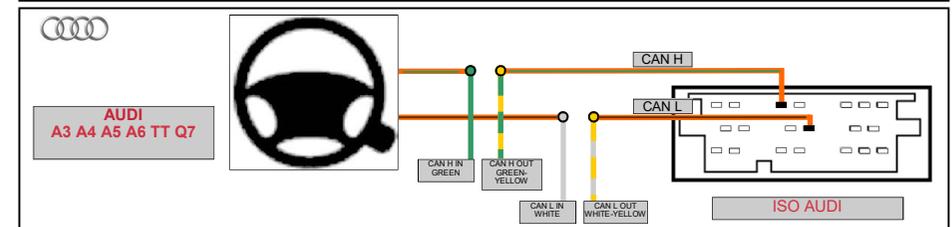
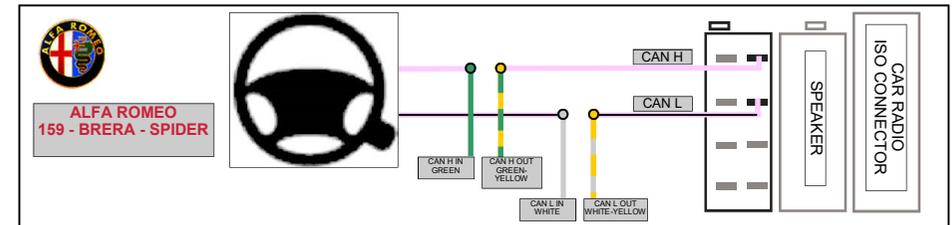
**WHITE/YELLOW CAN LOW OUT** must be connected to the cable that goes to the radio.

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

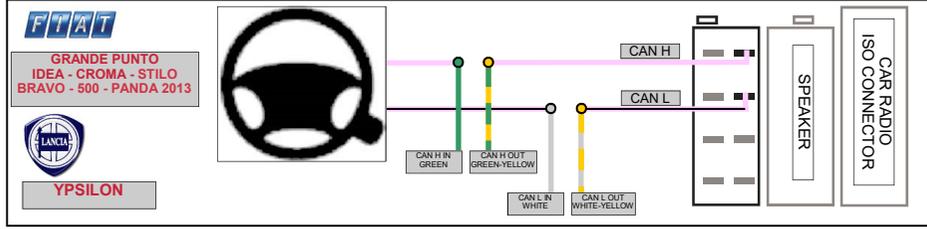
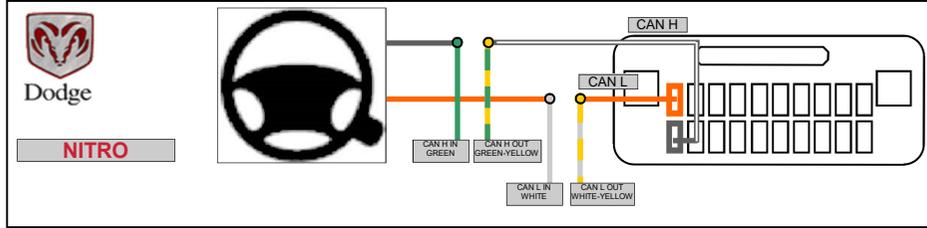
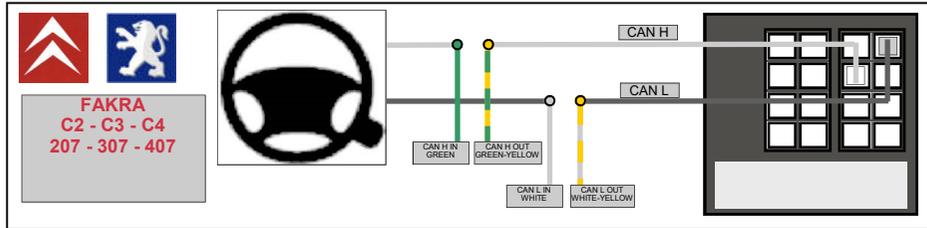
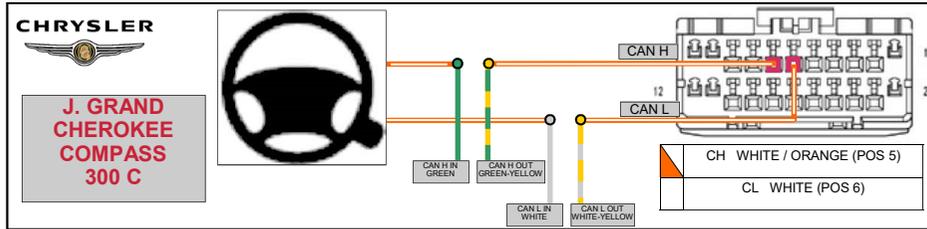
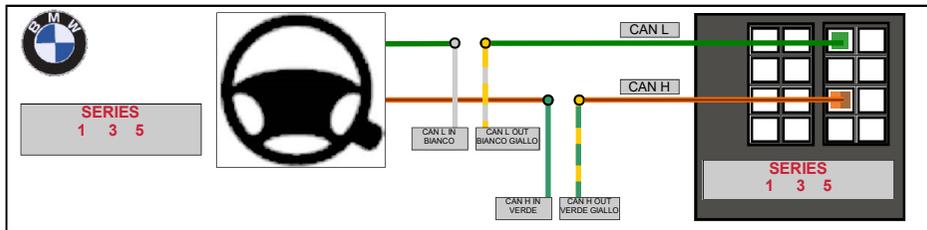
**GREY / YELLOW, GMLAN OUTPUT**, must be connected to the cable that goes to the radio.

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!**



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



Now press and keep pressed the button PHONE ANSWER on the steering wheel the LED will light ORANGE, when the LED becomes RED please release the button.



Now press and keep pressed the button PHONE CLOSE on the steering wheel the LED will light ORANGE, when the LED becomes RED please release the button.



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



If the car hasn't one of the described buttons please skip the function by pressing 1 time the reset button, the led will flash 1 time orange and it will become again red.



**EXAMPLE**

In a car that has only V-, V+, SEEK-, SEEK+ and MUTE buttons, we need to memorize V-, V+, SEEK- and SEEK+, skip the button SOURCE and memorize the MUTE button.  
In order to do that, once that the SEEK+ is memorized, press 1 time the reset button and check that the interface flash 1 time orange. At this point is possible to memorize the MUTE button.  
If the MUTE button is the last button available on the steering wheel we need to close the programming procedure by a long pressure of the MUTE button until the led switches on of fixed green.



**In case of an incorrect working of the steering wheel commands functions, please make a RESET of the module, as described below, by pressing the button of the unit till the LED of the module switches OFF.**



# RESISTIVE SWC SELF-LEARNING PROCEDURE



**ATTENTION**  
**BEFORE STARTING THE STEERING WHEEL COMMANDS LEARNING PROCEDURE PLEASE CHECK THAT THE OEM RADIO IS CONNECTED AND THE KEY IS TURNED ON**

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 becomes 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 becomes 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 becomes 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 becomes RED please release the button.



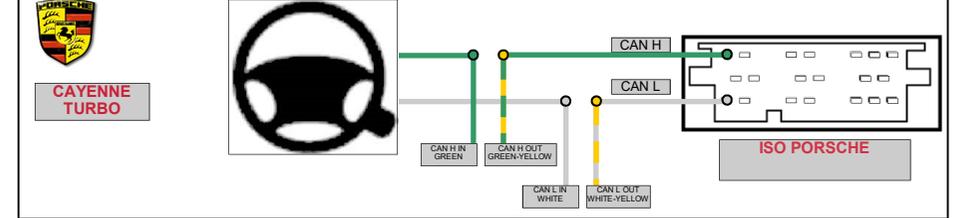
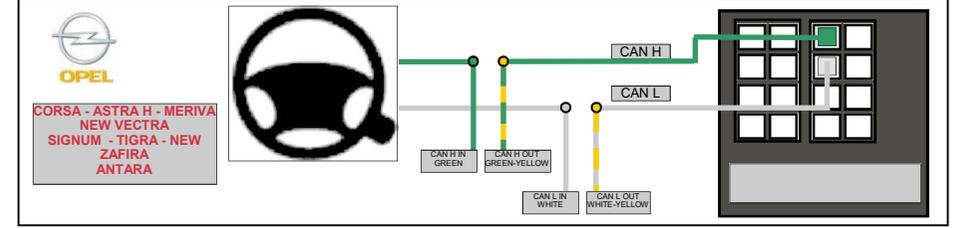
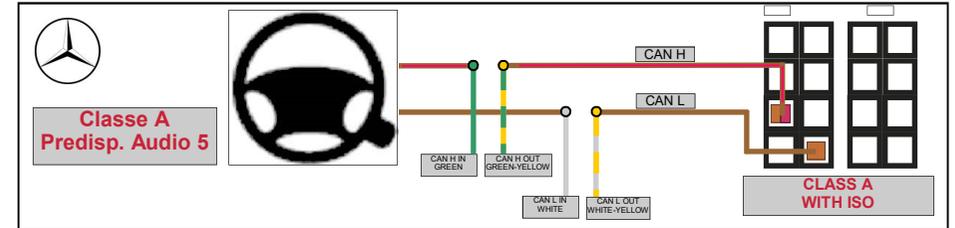
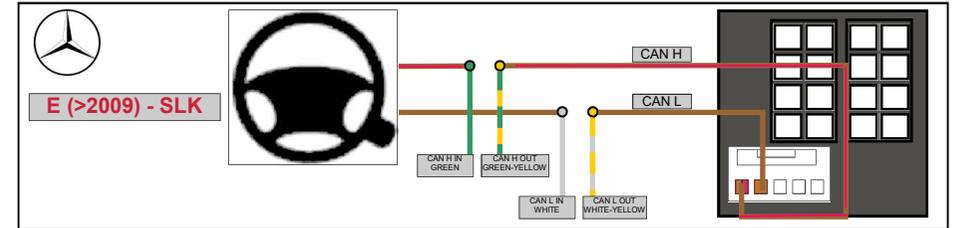
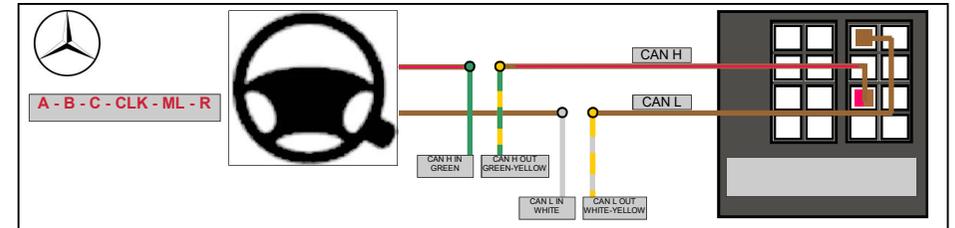
Now press and keep pressed the button SOURCE on the steering wheel the LED will light ORANGE, when the LED becomes RED please release the button.



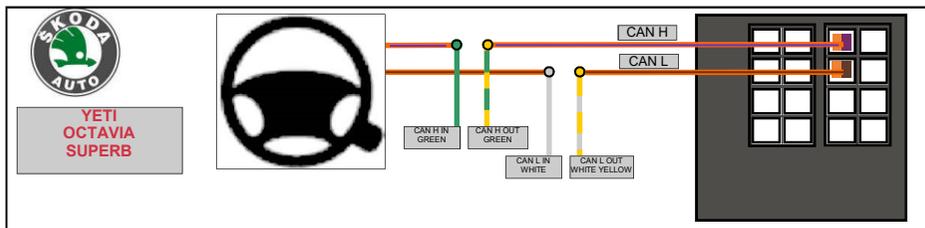
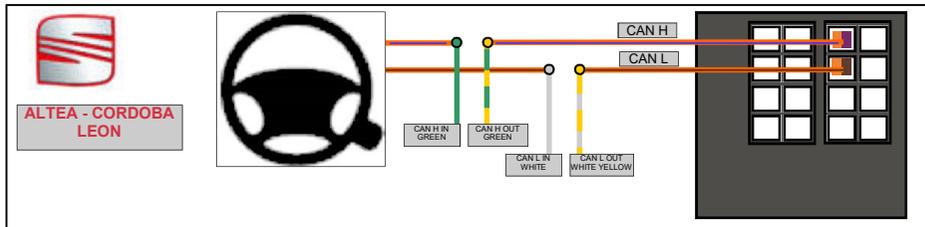
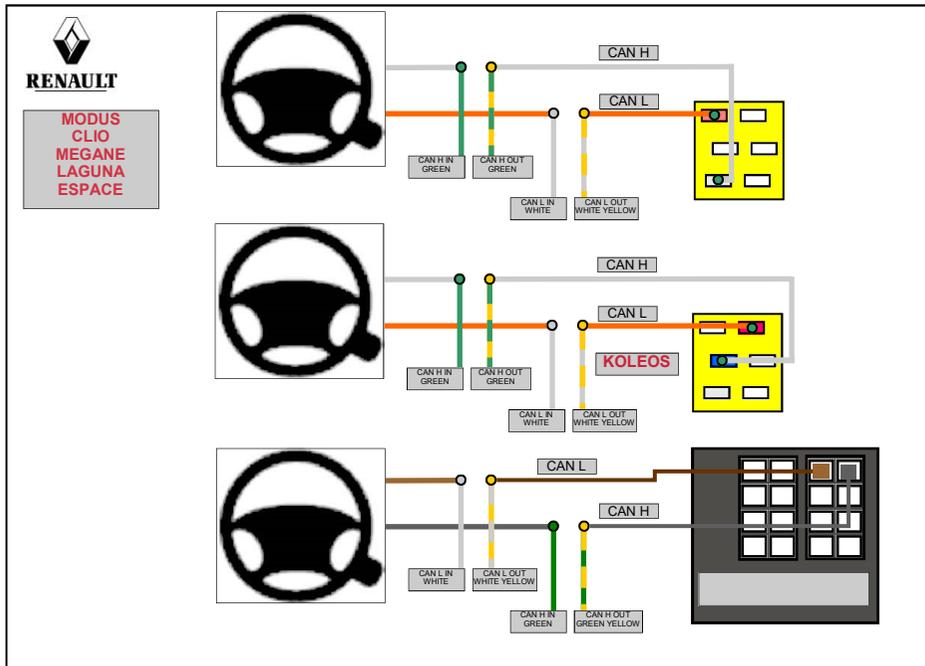
Now press and keep pressed the button MUTE on the steering wheel the LED will light ORANGE, when the LED becomes RED please release the button.



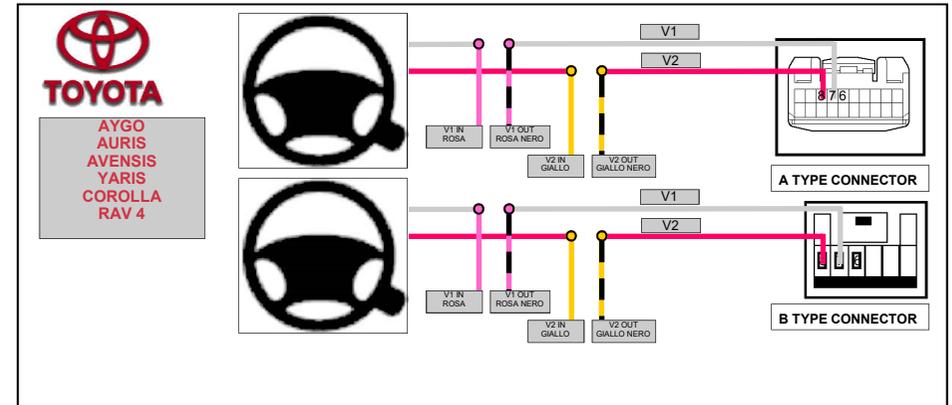
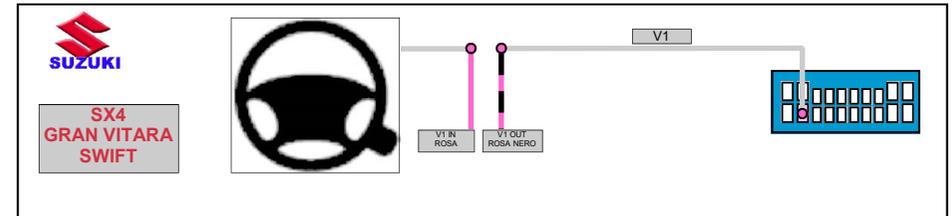
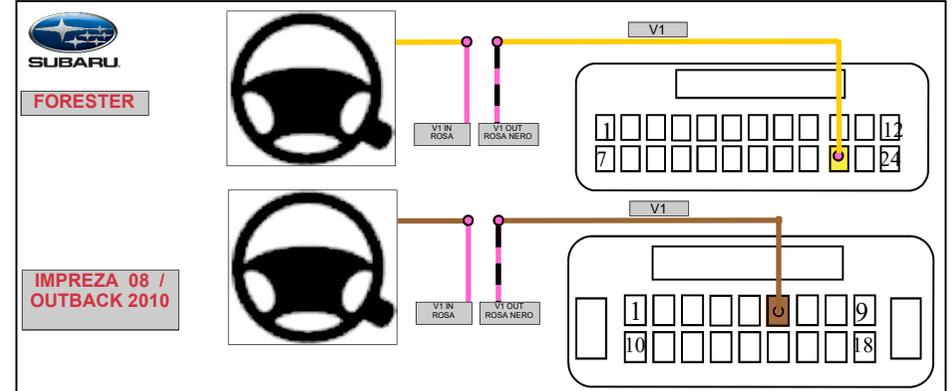
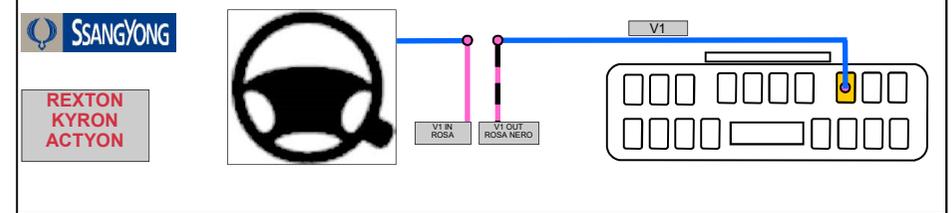
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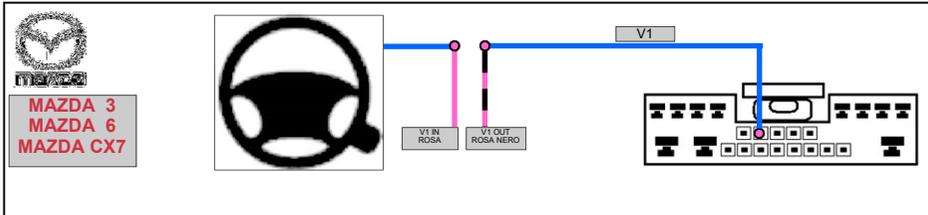
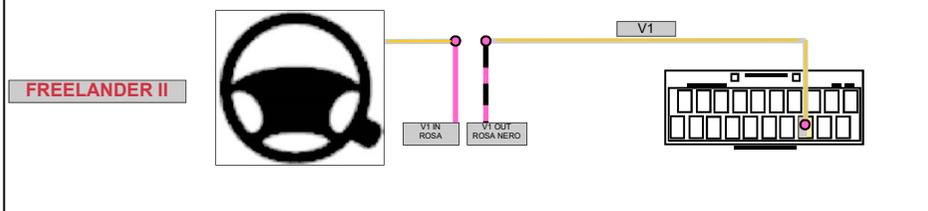
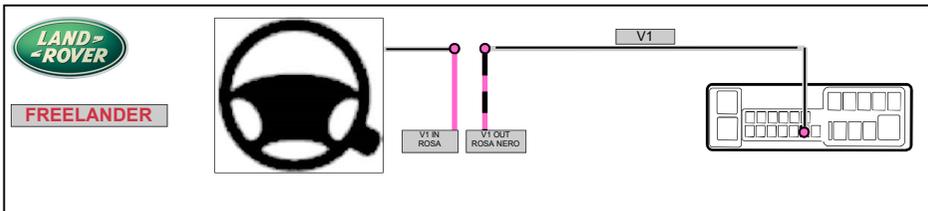
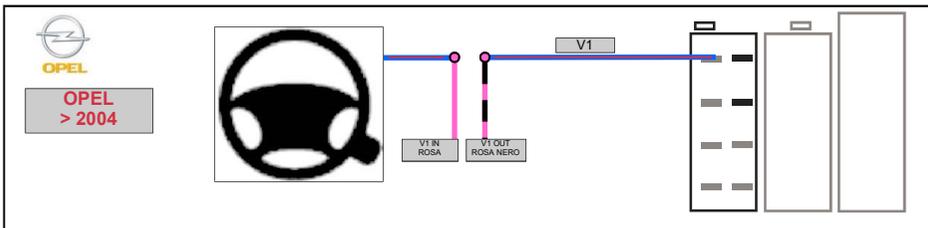
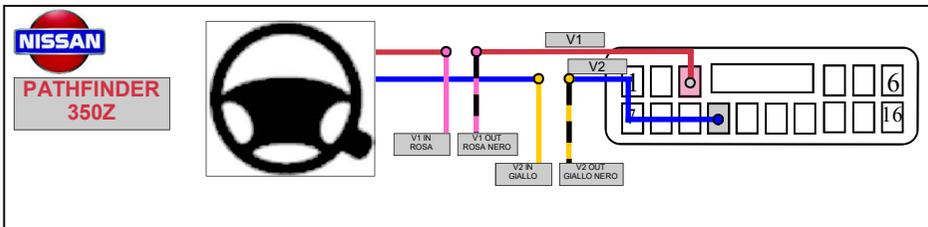
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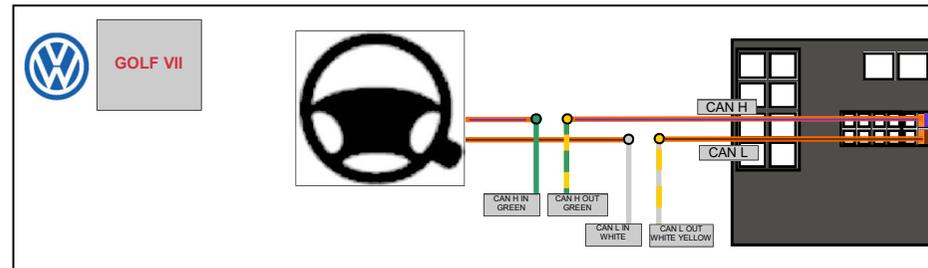
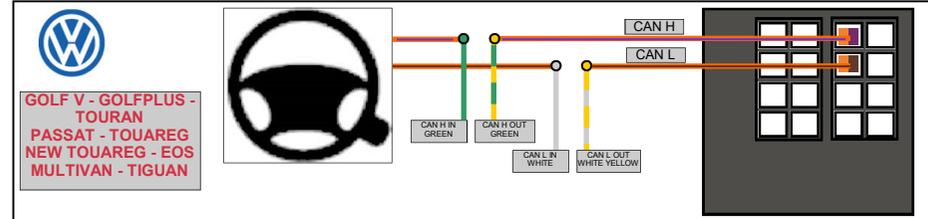
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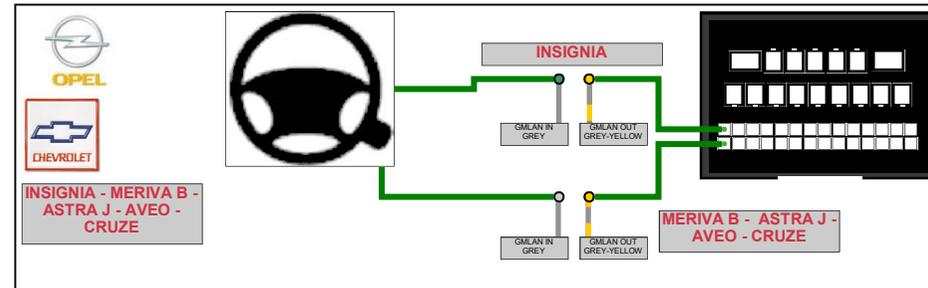
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### GMLAN CONNECTION



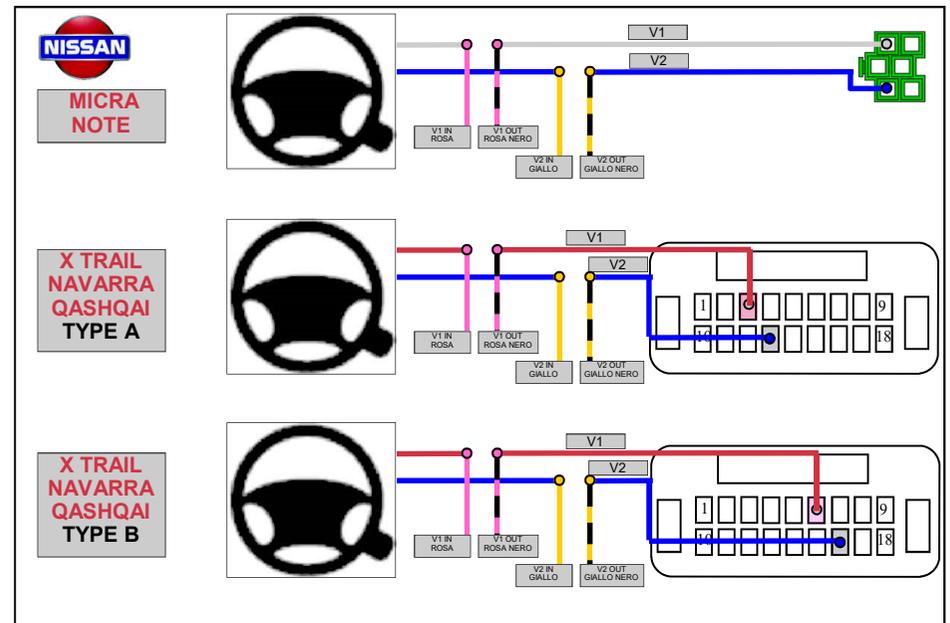
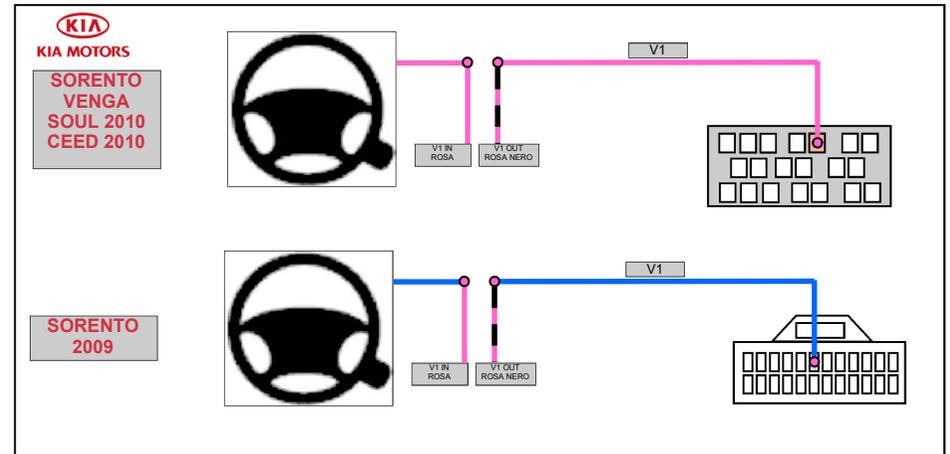
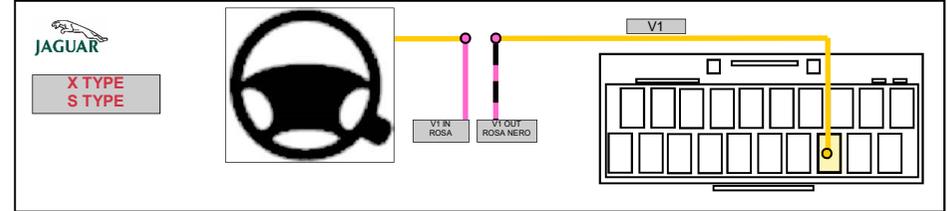
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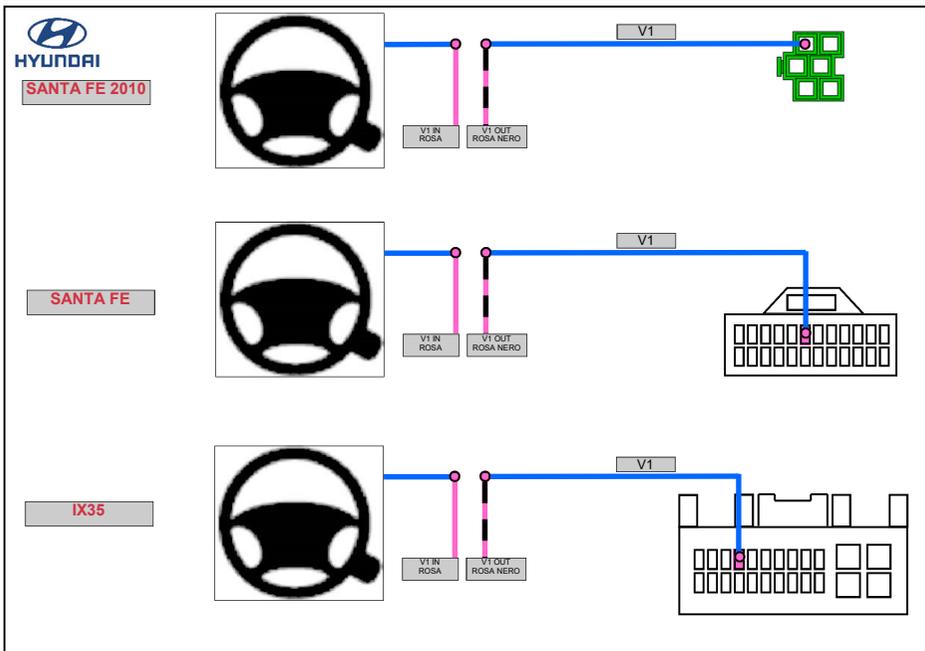
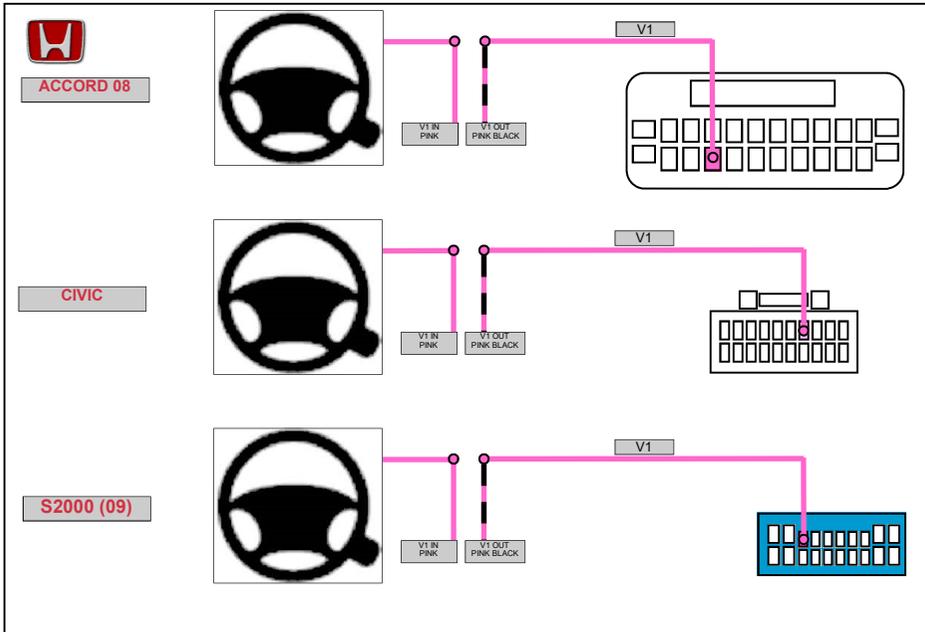
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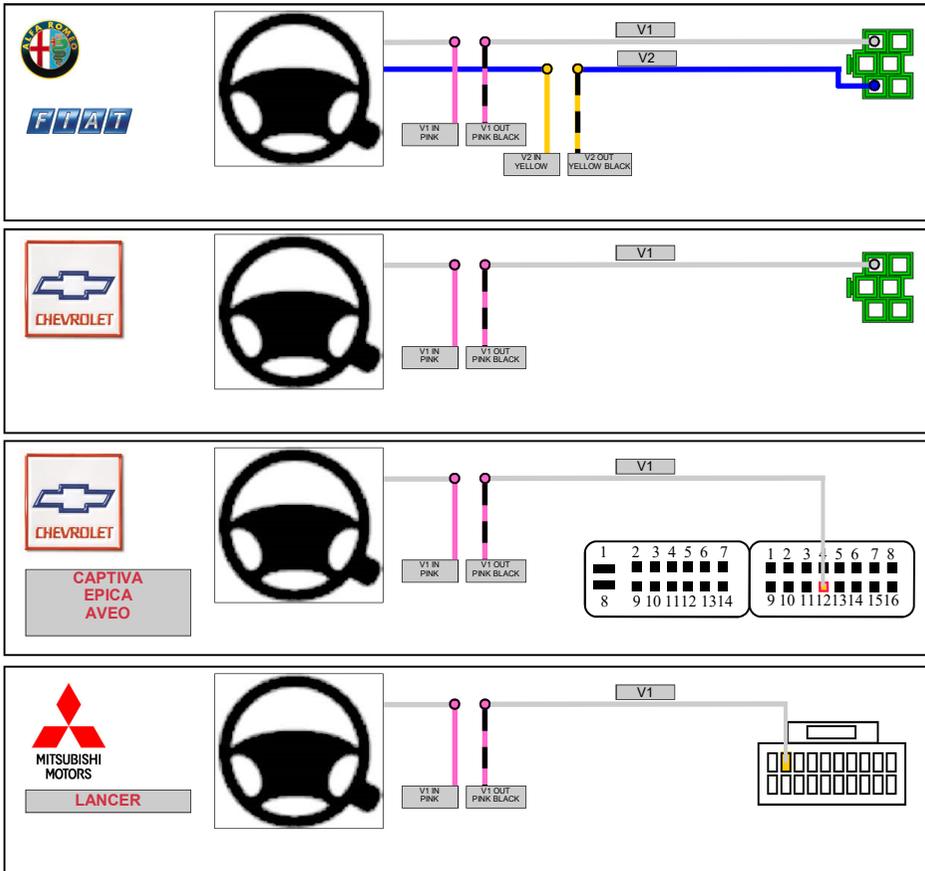


# RESISTIVE

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.

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



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