

**AV3
DUO
IGNITION PARKBRAKE
NAV
NAV3
PARKBRAKE
POWER
POWER RPM
POWER RPM (7s)
PULSE
RPM
TWINPULSE**

The CAN wiring is located behind the left and right kick panel trims. It is also available in the luggage compartment.

CAN HI = Green

CAN LO = Orange / Brown

Please ensure that you connect the product to the vehicle CAN Bus wires detailed above.

| CANNECT Wire | Product | Wire Connection Point Or Output Function |
|---------------|---|---|
| RED | > | Connect via a 5A fuse to a PERMANENT 12v supply. |
| BLACK | > | Connect to a good chassis GROUND point. |
| WHITE | > | CAN HI Connection : Vehicle CAN HI wire. |
| BLUE | > | CAN LO Connection : Vehicle CAN LO wire. |
| GREEN | PULSE TWINPULSE DUO, NAV, NAV3 | Speed Signal Output : 12v pulsing (1 Hz = 1 MPH approx). |
| PURPLE | AV3, NAV, NAV3 DUO, POWER IGN-PARKBRAKE | Ignition On Output : 12v (1A max) when the ignition is switched on. |
| | PARKBRAKE | Park Brake Output : 12v (1A max) when the park brake is engaged. |
| | POWER RPM / (7s) | RPM Output : 12v (1A max) when engine speed is above 500 RPM / (for 7 seconds). |
| ORANGE | NAV | Illumination Output : 12v (1A max) when the side / head lights are active. |
| BROWN | AV3, NAV, NAV3 | Reverse Output : 12v (1A max) when reverse gear is selected. |
| PINK | AV3, NAV IGN-PARKBRAKE | Park Brake Output : 0v (1A max) when the park brake is engaged. |
| YELLOW | RPM, TWINPULSE | RPM Signal Output : 12v pulsing (1 Hz = 1 RPM approx). |

Some outputs may be unavailable due to the specification of the subject vehicle. The output wires listed above may not be featured on all interfaces. Wiring details correspond to our standard range of interfaces. For bespoke software, please refer to the specific instructions provided with your unit. Speed and RPM pulse signal frequencies may differ from those detailed above depending on the specific unit ordered.

Some vehicles feature 'Key-In' detection, on these vehicles the ignition output will remain active (for a maximum of 30 minutes) if the ignition is turned off and the key remains in the ignition.

Installation Testing

Connect the interface to the plug-in wiring harness and turn the vehicle's ignition 'on'

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vehicle is moving, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page. If the LED remains solid RED, please disconnect and re-connect the unit from the harness with the ignition on.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections. If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.

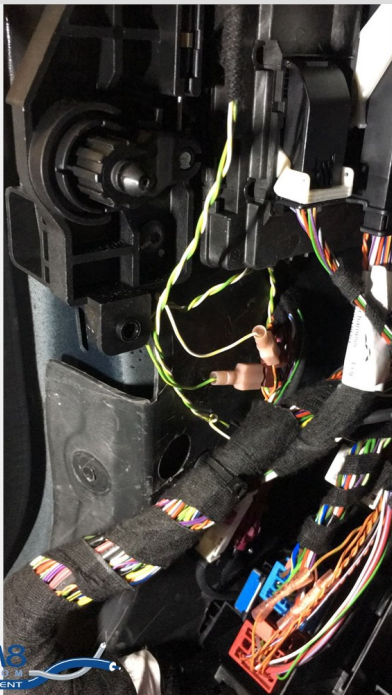
The CANNECT interface automatically switches off when the vehicle CAN Bus is inactive. This can be tested by removing the keys from the ignition, closing all vehicle doors and switching all auxilliary equipment 'off'. The interface LED should extinguish within 60 seconds.



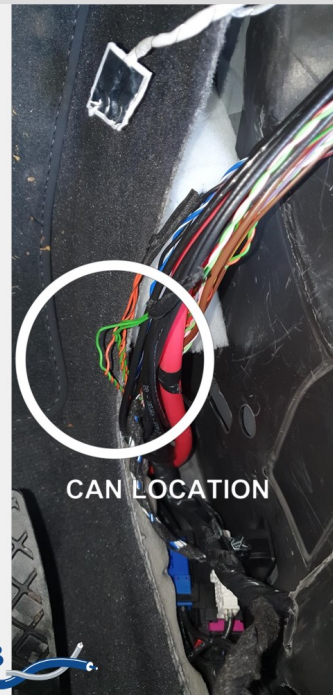
Audi A4 2016 -



Dash example



CAN wiring behind the driver side kick panel



CAN wiring behind the passenger side kick panel



CAN wiring behind the left cover in the luggage compartment