



CANM8 CANNECT Installation File

Ford Ecosport 2013 >

Vehicle CAN Bus Location

The CAN wiring is located at the OBD socket, under the drivers side dash.
Unclip the socket for access. The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **OBD Pin 6**
CAN LO = **OBD Pin 14**

CANM8 CANNECT NAV Wiring Instructions

CAN-M8 NAV Wire	Wire Connection Point Or Output Function
RED	> Connect via a 5 Amp 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	> Speed Signal Output : 12v pulsing 1Hz = 1MPH (approx).
PURPLE	> Ignition On Output : 12v when ignition is switched on.
ORANGE	> Lights On Output : 12v when side / head lights are on.
PINK	> Parking Brake On Output : 0v (Ground) with parking brake on.
BROWN	> Reverse Engaged Output : 12v when reverse gear is selected.
YELLOW	> RPM Output : 12v pulsing 1Hz = 1RPM (approx).

Please note: Some outputs may be un-available depending on the specification of the subject vehicle.

CANM8 CANNECT PARK Wiring Instructions

CAN-M8 PARK Wire	Wire Connection Point Or Output Function
RED	> Connect via a 5 Amp fuse to a SWITCHED 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	> Speed Signal Output : 12v pulsing 1Hz = 1MPH (approx).
PURPLE	> Speed Dependent Output : 12v continuously while below 6 MPH
ORANGE	> Speed Dependent Output : 12v between speeds of 1 to 6 MPH
PINK	> FPS Disable : 0v Output - Disabled when Reverse is selected.
BROWN	> Reverse Engaged Output : 12v when reverse gear is selected.
YELLOW	> NOT USED

The Orange & Purple outputs will switch off when the vehicle Park Brake is applied on compatible vehicles.

Please note: Some outputs may be un-available depending on the specification of the subject vehicle.

Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles 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 moved, 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 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 auxiliary equipment 'off'. The interface LED should extinguish within 60 seconds.