

Brantz CANBUS Interface Instructions (BR58)

Most cars after 2005 have a CANBUS system. This is a multiplexed wiring system used to connect intelligent devices such as Gearbox and Engine Electronic Control Units (ECU's), Speed, ABS and Stereo information; allowing data to be transferred conveniently throughout the vehicle. This Brantz Sensor allows you to access the CANBUS system via the OBDII socket (used by diagnostic engineers) to pick up the speed pulse (should it be available) from your vehicle. This is a nifty piece of kit that makes it extremely easy to tap into the speed pulse of newer vehicles without the need to mechanically fit a sensor. Very useful when using for example hire cars or proofing the route in your modern course car.

Please note not all vehicles send the speed pulse via the CANBUS so please check with your vehicle manufacturer.

Fitting:

- Plug the OBDII Plug directly into the OBDII Socket located in your vehicle and **switch ON the ignition**, observe the LED on the front of the unit.
 - The LED should initially FLASH RED as it checks for CAN
 - If after 10 seconds the LED is STATIC GREEN (Constantly ON), CAN has been detected and the unit is ready to be connected to the Tripmeter via the Wiring Connections below (**BR45/BR47**).
 - Once you start moving the LED should begin to FLASH GREEN to signify the Speed Pulse has been detected and the CANBUS Interface is working correctly.
 - If once you start moving the LED does not start to flash, no Speed Pulse has been detected. If this occurs unplug the unit, switch the slide switch to the alternative position and re-try.
 - If after 10 seconds (in either the A or C position) the LED is STATIC RED or off completely, no CAN activity has been detected, check the OBDII plug is firmly in position. If this does not solve the problem your vehicle may not be compatible.
- As a general guide:
 - **Switch to Position A (left) for:** Accura/Alfa Romeo/Citroen/Fiat/Ford/Honda/Jaguar/Kia/Lancia/Land Rover/Lexus /Mazda/Mitsubishi/Nissan/Peugeot/Renault/Saab 93/Subaru/Suzuki/Toyota/ Vauxhall/Volvo
 - **Switch in Position C (right) for:** Vauxhall/Saab/Chevrolet/Buick

Note: When changing switch positions you MUST disconnect your CANBUS Plug, change the switch over whilst disconnected, wait 30 seconds and then reconnect to your car in the alternate position. DO NOT adjust the switch whilst the unit is plugged in - this will not work.

Note: Some manufacturers have a model range spanning both switch positions i.e. Ford

This unit comes with a choice of 2 Meter Connecting Kits. Please see below:

Brantz CANBUS Plug Kit

BR45



This option is for fitting to Brantz Meters which have a Male plug attachment fitted. Simply Connect the corresponding colours on your plug kit to the CANBUS unit and you are ready to plug your meter in.

BRANTZ CANBUS Wiring Kit

BR47

This option is for attaching the CANBUS Sensor directly to a Brantz Meter



For more information please phone: 0044 (0) 1625 669366