Part no: CB2PK

CAN BUS INTERFACE

Function

This interface provides a solution to the problem of de-activating/activating front parking sensors when a vehicle is being driven above/below a set speed (6MPH approx). It also provides a Reverse signal output for rear parking sensors.

Feature

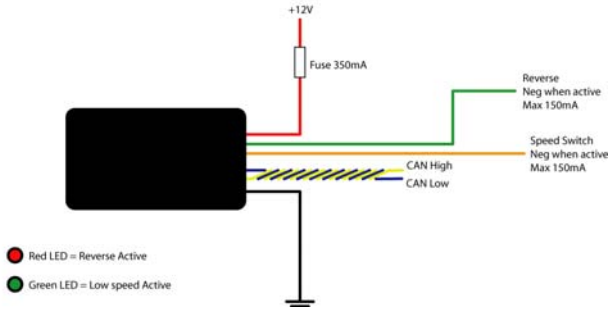
The CB2Pk features built-in diagnostic LEDs to indicate the CAN Bus status. After power-up:
Stage 1: Both LEDs light for approx 1 second
Stage 2: Green LED on while the CB2Pk listens for CAN Bus data
Stage 3: Red LED indicates CAN has been detected. CB2Pk now detecting vehicle type
Stage 4: Once vehicle type is determined the Green LED will light when Speed Switch output is active & the Red LED will light when *Reverse is active.

Please note: If LEDs do not follow the above sequence it is still advisable to drive the vehicle to see if a speed switch signal is still actually being produced by the CB2Pk. It is possible that some vehicles will perform in a different manner. * Where available. Please note that not all vehicle CAN systems carry the Reverse signal data..

Fitting

The CAN Bus uses two wires for data transmission. One is called CAN_HIGH and the other called CAN_LOW (sometimes marked as CAN+ and CAN- respectively). The CAN connections on the CAN Bus interface should be connected on to the appropriate CAN Bus connections with an **insulated solder joint**. **Do not cut the CAN Bus wires.)**

Controller Area Network (CAN)



Module Information

Wire Colours	CAN Bus interface CB2PK	
Colour	I/O	Function
Black	I	Ground
Red	I	Power +12V
Yellow	I	CAN High
Blue	I	CAN Low
Orange	O	Speed Switch Neg
Green	O	Reverse Neg

Output specification	
Reverse	Reverse Neg when active Max 150mA
Speed Switch	Speed Switch Neg when active Max 150mA

Inputs	
Power	+12v DC approx 30mA

sailes MARKETING