

CB-1 Speed Pulse Interface für CAN-Bus-Systeme

Das Interface CB-1 stellt das Geschwindigkeitssignal eines Fahrzeuges, das über ein CAN Bus System verfügt, bereit. CB-1 erkennt den Fahrzeugtyp automatisch, liest das Geschwindigkeitssignal aus und wandelt es in eine Frequenz von 0,62 Hertz pro km/h um, das als Ausgangssignal zur Verfügung steht.

Installation

Die eingebauten LED-Leuchten (rot und grün) zeigen den Can-Bus-Status und das Geschwindigkeitssignal (Ausgang) während der Installation an:

- 1.beide: leuchten ca. 1 Sekunde
- 2.grün: Can-Bus-Daten werden ausgelesen
- 3.rot: Can-Bus Daten wurden gefunden. Anschließend wird Fahrzeugtyp ausgelesen.
- 4.grün: Fahrzeugtyp ist ausgelesen.

Anzeige während der Fahrt: grün: blinkt,
 rot: andauernd

Da bei einigen Fahrzeuge die LEDs nicht wie in o.g. Abfolge leuchten, bitte während **der Fahrt** prüfen, ob das Geschwindigkeitssignal ausgegeben wird.

Anschluss

Der CAN Bus arbeitet mit zwei Leitungen zur Datenübertragung, wobei eine als CAN High und die andere als CAN Low bezeichnet wird (evtl. als CAN+ und CAN- gekennzeichnet).
 Kabel CAN-Bus mit Kabel CB-1 verlöten und isolieren. CanBus-Kabel nicht abschneiden!



Nr.	Bezeichnung	Farbe	I/O	Bemerkung
1	Masse	schwarz	Eingang	
2	Spannungsversorgung 12 V+	rot	Eingang	
3	CAN High	gelb	Eingang	
4	CAN Low	blau	Eingang	
5	Geschwindigkeitssignal	orange	Ausgang	12V

Ausgang	
Fahrzeuggeschwindigkeit	ca. 2200 Impulse / km
Eingang	
Leistung	+12v DC ca. 30mA

Bei **Ford Mustang**: Can High = Pin. 11, Can Low = Pin. 3

Disclaimer:

Bitte beachten Sie, generell beim Einbau von elektronischen Baugruppen in Fahrzeugen, die Einbaurichtlinien und Garantiebestimmungen des Fahrzeugherstellers. Sie müssen auf jeden Fall den Auftraggeber (Fahrzeughalter) auf den Einbau eines Interfaces aufmerksam machen, und über die Risiken aufklären. Es empfiehlt sich mit dem Fahrzeughersteller oder einer seiner Vertragswerkstätten Kontakt aufzunehmen, um Risiken auszuschließen.

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
Alfa 147, 156,166	ECU inside black waterproof box under bonnet. Passenger side at back of engine bay. Or transmission Control Unit under metal kick panel on floor at front of passenger foot well.	Brown CAN Low. Green CAN High.
Alfa Mito	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.	
Aston Martin V8 Vantage & DB9	CAN wires are located at the OBDII connector marked 'body'. Pin 14 CAN Low, Pin 6 CAN High. Or, at the back of the speedo, Pin 5 CAN Low, Red/Black & Pin 4 CAN High, Red/Green.	Red/Black CAN Low Red/Green CAN High
Audi A1	CAN wires may be located behind panel between the steering column and pedals or behind glove box inside main wiring loom.	Orange/Brown CAN Low Orange/Black or Green CAN High
Audi A3 2002 +	On the driver's side, undo the panel under the dash to reveal a row of relays. Behind the relay board find the CAN wires at a White connector, or behind the glove box inside the main wiring loom.	Orange/Brown CAN Low Orange/Black CAN High
2005 +	CAN wires can be located at the rear of the instrument cluster	Orange/Brown CAN Low Orange/Purple or Orange/Blue CAN High
Audi A4 2001+ 2009+	CAN wires may be located behind panel between the steering column and pedals or behind glove box inside main wiring loom.	Orange/Brown CAN Low Orange/Black or Blue CAN High
Audi A5	CAN wires may be located behind panel between the steering column and pedals. Or at back of speedo.	Orange/Brown CAN Low Orange/Blue CAN High
Audi A6	CAN wires may be located behind panel between the steering column and pedals or behind glove box inside main wiring loom. Or, CAN wires may be located behind end panel of dash on drivers side above fuse box, black connector with purple clip	Orange/Brown CAN Low Orange/Black CAN High
Audi A7	CAN wires may be located below steering column in the main wiring loom	Orange/Brown CAN Low Orange/Black CAN High
Audi A8 2002 +	CAN wires located at the speedo or at the relay board behind the panel between the pedals and steering column.	Orange/Brown CAN Low Orange/Black or Blue CAN High
Audi Q5, Q7	CAN wires may be located under the dash in the main wiring loom	Orange/Brown CAN Low Orange/Black CAN High
Audi R8	CAN wires are located under dash behind A-pillar on passenger side. Or at the radio.	Orange/Brown CAN Low Orange/Black CAN High
Audi TT 2002-2009+	CAN wires may be found behind the glove box inside the main wiring loom or behind panel between the steering column and pedals	Orange/Brown CAN Low Orange/Black CAN High
BMW 1 Series	CAN wires may be located at the rear of the instrument cluster. Or, at the back of the radio.	Green CAN Low Orange/Green CAN High
BMW 3 Series 2002+	CAN wires are located at the rear of the instrument cluster.	Yellow/Brown CAN Low Yellow/Red CAN High
2005+	CAN wires may be found behind the glove box at a black connector. Or, CAN wires are located at the rear of the instrument cluster.	Green CAN Low Orange/Green CAN High
BMW 3 Series 2006+	CAN wires are located at the rear of the instrument cluster	Yellow CAN Low Black CAN High
BMW 5 Series 2001+	CAN wires are located in the passenger kickwell, inside main loom.	Yellow/Brown CAN Low Yellow/Black CAN High
BMW 5 Series 2003+	CAN wires are located at the rear of the instrument cluster	Yellow CAN Low Black CAN High
BMW 5 Series 2006+	CAN wires are located at the rear of the instrument cluster	Green CAN Low Green/Orange CAN High
BMW 5 Series (F10 & F11) 2010+	CAN wires are located behind a cover by the drivers right knee, remove cover by undoing two screws, twisted pair of CAN wires in loom to ECU	Red CAN Low Blue/Red CAN High
BMW 6 Series 2004+	CAN wires are located at the rear of the instrument cluster	Green CAN Low Green/Orange CAN High
BMW 7 Series 2003+	CAN wires are located at the rear of the instrument cluster	Yellow CAN Low Black CAN High Or Green CAN Low Green / Orange CAN High
BMW 7 Series 2005+	Note: CAN wires are moulded together, not a twisted pair. CAN wires are located at the rear of the instrument cluster	Green CAN Low Green/Yellow CAN High
BMW MZ3 2002+	CAN wires can be found at the ECU located in the engine bay. Pin 36 Yellow is CAN High and Pin 37 Brown is CAN Low.	Brown CAN Low Yellow CAN high
BMW X1	CAN wires are located at the rear of instrument cluster	Green CAN Low Green/Orange CAN High
BMW X3	CAN wires are located at the rear of instrument cluster	Yellow/Brown CAN Low Yellow/Black CAN High
BMW X5	CAN wires are located at the rear of instrument cluster. Or at the back of the car on drivers side behind panel. Or at the main engine ECU.	Yellow/Brown CAN Low Yellow/Black CAN High Or Green CAN Low Green/Orange CAN High
2011+		

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
BMW X6	CAN wires are located at the rear of instrument cluster	Green CAN Low Green/Orange CAN High
Cadillac BLS, CTS, Escalade 2006+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Chevrolet Captiva	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Chevrolet Cruze	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Chevrolet Epica 2007+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Chrysler 300C	Locate ECU behind panel on driver's side, plug A, Pin 35 CAN Low & Pin 34 CAN High. Or at radio connector.	White/Blue CAN Low White/Green CAN High. Or White/Orange CAN High, White CAN Low
Chrysler Crossfire	CAN wires can be found at the engine bay passenger side inside Black box, connector 4, Pin 1 and Pin 11	Green CAN Low White CAN High
Chrysler PT Cruiser (Diesel) 2006+	CAN wires are located at the ABS unit, Pin 11 CAN High & Pin 15 CAN Low	White/Blue CAN Low White/Green CAN High
Chrysler Sebring	CAN wires located in loom by the accelerator pedal or back of radio	White CAN Low Orange/White CAN High
Chrysler Voyager 2008+	CAN wires located under dash on drivers' side in main loom.	White/Orange CAN Low White/Grey CAN High
Citroen Berlingo 2003+	Under steering column at BSI unit, Black 40 Way plug, Pin 2 Green, Pin 4 Brown	Brown CAN Low Green CAN High
	2008+ Locate OBDII connector in glove box, Pin 14 CAN Low, Pin 6 CAN High	
Citroen C2 2007+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	Blue CAN Low White CAN High
Citroen C3	Locate the ECU by the battery, the twisted pair of CAN wires can be found in the middle 48-way connector or behind the glove box	Purple CAN Low Red CAN high
Citroen C4	Locate BSI module at the fuse box, Black 40 Pin connector, Pin 2 High, Pin 4 Low. May be marked 9000 & 9001	
Citroen C4 Picasso 2007+	Locate OBDII connector in glove box behind panel, Pin 14 CAN Low, Pin 6 CAN High	
Citroen C5 2001-2004	Located under bonnet at main ECU. May also find CAN wires in passenger kickwell on a Blue connector Note: there are two separate sets of White/Grey twisted wires Check that the White wire is marked with the circuit no. 9000	Grey CAN Low White CAN High Grey CAN Low White CAN High or Brown CAN Low White CAN High
Citroen C5 2009+	Locate OBDII socket inside armrest under mat, Pin 14 Low & Pin 6 High. Or CAN wires maybe located at the back of the radio.	
Citroen C8 2004-2005	CAN wires are located behind fuse box on drivers side, at the Black connector, or at the ABS unit, Pin 24 High, Pin 40 Low	Purple CAN Low Yellow CAN High
	2006+ CAN wires can be found at OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.	Yellow OR Brown CAN Low White OR Blue CAN High
Citroen C-Crosser	CAN wires are located in the steering column harness (CAN C)	Light Green CAN Low Yellow CAN High
Citroen Dispatch 2007+	Locate OBDII connector, Pin 14 is CAN Low, Pin 6 is CAN High	
Citroen Nemo	Locate OBDII connector, Pin 14 is CAN Low, Pin 6 is CAN High	
Citroen Picasso 2005+	CAN wires located behind the glove box inside right hand loom or, at fuse box, locate loom going vertical to bulk head, same colour	Purple CAN Low Brown CAN High
Citroen Relay / Jumper 2007+	CAN wires are located at the back of the BSI module, Blue connector, Pin 5 Low, Pin 6 High. Or, locate OBDII socket under steering column, Pin 14 CAN Low & Pin 6 CAN High. Or, CAN wires are located at the blue connector on the front of the fuse box.	Pink/White CAN Low Black/Pink CAN High Pink/White CAN Low Pink/Black CAN High
Citroen Xsara 2.0 litre Automatic	Located under bonnet at the ECU with 3 connectors, CAN wires can be found in the central 48-way plug. CAN Low – Terminal H4 CAN High – Terminal H3	Green CAN Low Brown CAN High
Dodge Avenger 2008+	CAN wires are located (white connector) under a cover in front of the gear stick	White CAN Low White/Orange CAN High
Dodge Caliber	CAN wires can be located at the ECU in engine bay on passenger bay.	White/Blue CAN Low White/Black CAN High
Dodge Journey	CAN wires are located at the speedo on the Brown connector. Or use CAN wires at the white connector under dashboard on the driver's side next to the pedals, same colour.	White/Orange CAN Low White/Grey CAN High
Dodge Nitro 2007+	CAN wires are located at the back of radio	White/Orange CAN Low White/Grey CAN High
Dodge Ram 2006+	Locate ECU in engine bay in passenger side, Plug A, Pin 35, CAN Low & Pin 34, CAN High	White/Blue CAN Low White/Green CAN High
Ferrari F430 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High Colours may be Green & Green/White	Pink/White CAN Low Pink/Black CAN High
Fiat 500	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	Brown CAN Low Green CAN High

VehicleLocation of CAN wiresWire Colours
(colours may vary)

Fiat Brava / Bravo	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High		
Fiat Doblo 2005+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	Brown CAN Low Green CAN High	
Fiat Ducato 2006+	CAN wires are located at the back of the BSI module, Blue connector, Pin 5 Low, Pin 6 High. Or, locate OBDII connector under steering column, Pin 14 CAN Low & Pin 6 CAN High. Or, CAN wires are located at the blue connector on the front of the fuse box.	Blue/Brown CAN Low Blue/Green CAN High Pink/White CAN Low Pink/Black CAN High	
Fiat Fiorino 2008+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	White CAN Low Blue CAN High	
Fiat Grande Punto	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High		
Fiat Panda 2005+	CAN wires are located at the back of the fuse box on plug I	Pink/White CAN Low Pink/Black CAN High	
Fiat Qubo	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High		
Fiat Scudo 2007+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High		
Fiat Stilo	At engine ECU or under steering column at the power steering module	Pink/White CAN Low Pink/Black CAN High	
Ford F150, F250, F350 2006+	Locate OBDII connector under steering column, Pin 14 CAN Low, Pin 6 CAN High		
Ford Fiesta/Fusion 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 CAN High.	Blue/Red CAN Low Grey/Red CAN High	
Ford Fiesta (new shape) 2008+	Locate OBDII connector. Pin 14 CAN Low & Pin 6 CAN High	White CAN Low White/Blue CAN High	
Ford Focus 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 CAN High.	Blue/Red CAN Low Grey/Red CAN High	
Ford Focus 2011+	Locate OBDII connector. Pin 14 CAN Low & Pin 6 CAN High	White CAN Low White/Blue CAN High	
Ford Focus C-Max	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 CAN High. Or, use CAN wires at the radio.	Blue/Red CAN Low Grey/Red CAN High	
Ford Galaxy 2006+	Locate OBD II connector behind panel under steering column, Pin 14 CAN Low, Pin 6 CAN High. Or, use CAN wires at radio, Pin 9 CAN High & Pin 10 CAN Low	Purple CAN Low Blue CAN High may have Grey trace	
Ford KA 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 CAN High.	Blue/Red CAN Low Grey/Red CAN High	
Ford Kuga	CAN wires may be located at the radio. Or OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Blue CAN Low Grey CAN High	
Ford Mondeo 2002+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 CAN High	Blue/Red CAN Low Grey/Red CAN High	
	2007+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.	White CAN low White/Blue CAN High
Ford Mustang 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.	Red CAN Low White CAN High	
Ford S-Max 2006+	Locate OBDII connector behind panel under steering column, Pin 14 CAN Low, Pin 6 CAN High or Pin 1 CAN High, Pin 8 CAN Low. Or, use CAN wires at radio, Pin 9 CAN High & Pin 10 CAN Low	Purple CAN Low Blue CAN High	
Ford Transit / Tourneo 2006+	Locate OBDII connector, Pin 11 CAN Low, Pin 3 CAN High.		
Ford Transit Connect 2006+	Locate OBDII connector on driver's side centre consul, Pin 14 CAN Low, Pin 6 CAN High	Blue/White CAN Low Grey/Purple CAN High	
Honda Accord 03-06	CAN wires are located at the rear of the instrument cluster.	Red CAN Low White CAN High	
	2007+	CAN wires are located at the rear of the instrument cluster, Pin 36 CAN Low, Pin 18 CAN High	Red/Silver CAN Low White/Silver CAN High
	2010+	Locate OBD II connector under steering column, Pin 14 CAN Low, Pin 6 CAN High	
Honda Civic 2006+	Locate OBDII connector under steering column, Pin 14 CAN Low, Pin 6 CAN High.	Red/Silver CAN Low White/Silver CAN High	
Honda CRV 2007+	Locate OBDII connector under steering column, Pin 14 CAN Low, Pin 6 CAN High.	Red/Grey CAN Low White/Grey CAN High	
Honda FRV 2007+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.		
Hummer H2 2008+	Locate OBDII connector on drivers side, Pin 14 is CAN Low, Pin 6 CAN High		
Hyundai iLoad. i800	Requires specific firmware – please phone for details		
Hyundai Tucson	CAN wires are located at the ECU under the steering column.	Green CAN Low Orange CAN High	
Iveco Daily 2007+	Locate OBDII connector on passenger side, Pin 14 CAN Low, Pin 6 CAN High. Or at radio connector.		
J1939 / FMS	Compatible with all commercial vehicles using the J1939 CAN protocol		

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
Jaguar S-type 2002+	Under dash, driver's side, near the door pillar on the diagnostic plug, Pin 14 CAN Low, Pin 6 CAN High.	Green CAN Low Yellow CAN High
Jaguar XF 2008-2010+	Locate OBDII connector on drivers side, Pin 14 CAN Low, Pin 6 CAN High	
Jaguar XK8 / XKR	All control units under bonnet inside waterproof box. Passenger side at back of engine bay.	Green CAN Low Yellow CAN High
Jaguar XK8 1999+	Locate the engine management unit. It is mounted in the engine bay under a plastic cover.	Green CAN Low Yellow CAN High
Jaguar XJ140	Engine auto transmission 2-way plug	Green CAN Low Yellow CAN High
Jaguar X-type	Locate OBDII connector on drivers side, Pin 14 CAN Low & Pin 6 CAN High	Green CAN Low Yellow CAN High
Jeep Commander	CAN wires are located at the back of radio	
Jeep Grand Cherokee (with Mercedes engine)	On ECU behind battery. Or, at the ABS connector, Pin 11 (High) White/Light Green & Pin 15 (Low) White/Light Blue Note: Colours may be Light Green/White and Dark Green/White	White CAN Low Green/White CAN High
Jeep Wrangler	CAN wires are located at the back of radio	White CAN Low White/Orange CAN High
Kia Cee'd	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	
Kia Sedona 2007+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	
Lamborghini Gallardo	CAN wires are located behind drivers seat, under parcel shelf. Or under passenger side panel in loom near fuse board.	Orange/Brown CAN Low Orange/Black CAN High
Land Rover Defender 2007+ V2.2 2012+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or at speedo.	Green/Black CAN Low Blue/Black CAN High
Land Rover Discovery 3	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Land Rover Discovery 3 2006+	Locate OBDII connector, Pin 11 CAN Low, Pin 3 CAN High Or, Pin 14 CAN Low, Pin 6 CAN High	Yellow/Black CAN Low Yellow/Brown CAN High
Land Rover Discovery 4	Locate OBDII connector under dash by brake pedal, Pin 14 CAN Low, Pin 6 CAN High.	
Land Rover Freelander	CAN wires are located at the rear of the instrument cluster. Or in kick panel on drivers side.	Yellow/Brown CAN Low Yellow/Black CAN High
Land Rover Freelander 2	Locate OBDII connector, Pin 11 CAN Low, Pin 3 CAN High	
Land Rover Range Rover (BMW engine) 2002-2005	CAN wires are located at the rear of the instrument cluster. Or at the ECU in the engine bay.	Yellow/Brown CAN Low Yellow/Red CAN high
2006+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	Yellow/Black CAN Low Yellow/Brown CAN High
Land Rover 2006+ Range Rover Sport	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Lexus RX400h (Hybrid) 2006+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Lotus Elise	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Mazda 2	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	Blue CAN Low Red CAN High
Mazda 3	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Mazda 5	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Mazda 6	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	Blue CAN Low Red CAN High
Mazda CX-7	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Mazda MX-5 2007+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	Green/Black CAN Low Blue/White CAN High
Mazda RX-8	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Mercedes Benz A-Class	CAN wires can be found at the box under the bonnet on passenger side at back of engine bay. Or at the radio, Brown & Brown/Red.	Green CAN Low White CAN High
A-Class 2006+	In passenger kick well, locate ECU.	
Mercedes Benz B-Class	Twisted pair of CAN wires can be found behind panel at the end of the dashboard.	Green CAN Low Green/White CAN High
Mercedes Benz C-Class SLK CLK	ECU inside black waterproof box under bonnet. Passenger side at back of engine bay. Or, Transmission Control unit under metal kick panel on floor at front of passenger footwell. On the C-Class, 203 chassis, the twisted pair of wires can be found in the driver's sidekick panel.	Green CAN Low White or Green with White tracer CAN High Green CAN Low Green/White CAN High
Mercedes Benz C-Class 2008+	CAN wires located under carpet on drivers side, under plastic cover	Green CAN Low Green/White CAN High

VehicleLocation of CAN wiresWire Colours
(colours may vary)

Mercedes Benz E-Class/W211	Twisted wires can be found at the ignition on the steering column. Pin 1 Green/White, Pin 2 Green. Or in passenger footwell behind metal kick panel. The twisted wires can be found in the engine compartment on the middle 2-way black connector on the ESP unit.	Green CAN Low White or Green with White tracer CAN High Green CAN Low Green/White CAN high
Mercedes E-Class 2006+	CAN wires are located at a junction box behind the diagnostic connector above driver's feet. Use any of the Green or Brown twisted set of wires.	Green CAN Low Green/White CAN high
2010+	CAN wires are located by accelerator pedal in main loom from fuse box.	Green CAN Low Green/White CAN High
Mercedes Benz M-Class	ECU for transmission, situated under steering column and has CAN H.L. marked on it. Or, at the OBDII connector.	Green CAN Low White or Green with White tracer CAN High
Mercedes R-Class	CAN wires are located at the rear of the speedo	Green CAN Low Green/White CAN High
Mercedes Benz S-Class & ML	Locate body control ECU (all ECU's are in the same place). Look for a 2-pin plug, which is situated between 2 large plugs. The small plug has wires, which are Green and Green with a White tracer.	Green CAN Low Green with White tracer CAN High
S-Class 2006+	CAN wires are located at a junction box behind the diagnostic connector above driver's feet. Use any of the Green or Brown twisted sets.	Green CAN Low Green/White CAN High
Mercedes Benz SL Sports car	Nearside door pillar, kick strip, see Black plastic trunking. Pull clip off to open trunking, all CAN Bus wires are here.	Green CAN Low Green with White tracer CAN High
Mercedes Sprinter 2000-2009+	CAN wires are located at the speedo. Or behind glove box inside main loom.	Green CAN Low Green with White tracer CAN High
Mercedes Vaneo	CAN wires are located at the rear of the speedo	Green CAN Low Green/White CAN High
Mercedes Vito	The CAN wires can be found behind the speedo or, under dashboard at terminal block. CAN wires are marked Kombi.	Green CAN Low Green with White tracer CAN High
Mini (BMW)	Remove rev counter by unscrewing 2 Torx screws on top bracket. CAN High and CAN Low can be found on plastic connector	Yellow/Brown CAN Low Yellow/Black CAN High Or (for 2008+) Green CAN Low Orange/Green CAN High
Mitsubishi ASX	CAN wires located at a white 24-pin connector behind drivers A-pillar, Pin 17, High & Pin 18, Low	Purple CAN Low Blue CAN High
Mitsubishi Colt 2005+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High	
Mitsubishi EVO 10	CAN wires located at back of speedo	Pink CAN Low Green CAN High
Mitsubishi Eclipse	Locate OBDII connector, Pins 6 CAN High & Pin 14 CAN Low.	
Mitsubishi Grandis	CAN wires can be found at the OBDII connector. Pin 14 CAN Low, Pin 6 CAN High.	Black/White CAN Low Red/Green CAN High
Mitsubishi L200 2006+	CAN Located at the OBDII connector. Pin 14 CAN Low, Pin 6 CAN High.	
Mitsubishi Lancer 2008+	CAN wires are located at back of speedo.	Pink CAN Low Green CAN High
Mitsubishi Outlander 2007+	CAN wires are located in the steering column harness (CAN C)	Light Green CAN Low Yellow CAN High
Nissan 350Z	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	Red CAN high White CAN Low
Nissan Almera	CAN wires can be found at the OBDII connector. Pin 14 CAN Low, Pin 6 CAN High. Or at speedo.	Red CAN Low Blue CAN High
Nissan Interstar 2005+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High	Orange/Red CAN Low Green/Red CAN High
Nissan Juke	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	
Nissan Micra	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	Red CAN High White CAN Low
Nissan Murano	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	
Nissan Navara 2006+	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High. Or back of speedo.	Pink CAN Low Blue CAN High
Nissan NV200	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High. Or back of speedo.	Blue CAN High Pink CAN Low
Nissan Pathfinder 2005+	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	
Nissan Pixo	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High. Or back of speedo.	White CAN Low Red CAN High
Nissan Primastar 2005+	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	White/Red CAN Low Purple/Red CAN High

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
Nissan Primera	Under dash, driver's side, locate OBDII connector. Note: for Nissan engine, Pin 6 CAN High, Pin 3 CAN Low For Renault engine, Pin 6 CAN High, Pin 14 CAN Low	Red CAN Low Blue CAN High
Nissan Qashqai	Locate OBD II connector. Pin 14 CAN Low, Pin 6 CAN High	
Nissan Skyline 2005+ (Import)	Locate OBD II connector. Pin 14 CAN Low, Pin 6 CAN High	Pink CAN Low Blue CAN High
Nissan X-Trail 2005+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High. Or at speedo.	Red CAN Low White CAN High
Peugeot 206 2003+	Under steering column, at rear of the fuse box locate Black 40 way plug, Pin 2 CAN High, Pin 4 CAN Low	White CAN Low Yellow CAN High Or Brown CAN Low Purple CAN High
Peugeot 207	Under steering column, at rear of the fuse box locate Black 40 way plug, Pin 2 CAN High, Pin 4 CAN Low. Or at BSI module, 10 Pin connector, twisted pair of wires (colours may vary). Or at the OBDII connector, Pin 14 CAN Low, Pin 6 CAN High.	White CAN Low Yellow CAN High Or Brown CAN Low Purple CAN High
Peugeot 307	Locate BSI module behind the glove box, Black 40 way connector. Pin 2 Grey, Pin 4 Green.Or, find the ECU near the brake servo under the bonnet. There are 3 plugs, the back one has only one pair of Grey and Green twisted wires.	Grey CAN Low Green CAN high
Peugeot 307 2006+	Locate OBDII connector (behind ashtray), Pin 14 CAN Low, Pin 6 CAN High	
Peugeot 308	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Peugeot 406	Just above fuse box under the dash there are 4 fuses in a row. Unclip and pull out the 26 pin connector.	Green CAN Low Red CAN High
V6 Auto 2002/3	CAN wires can be found in the Yellow 26 pin connector at the BSI module which is located near the fuse box.	Beige CAN Low Red CAN High
Peugeot 407	CAN wires can be found at a fuse box module located behind the glove box. Top right hand plug, twisted pair of Grey and White wires marked 9004 or CAN wires can be found behind kick panel above passenger footwell on a White connector, or at the back of the radio.	Grey CAN Low White CAN high
2006+	Locate OBDII connector in centre arm rest, Pin 14 CAN Low, Pin 6 CAN High	
Peugeot 4007	CAN wires are located in the steering column harness (CAN C)	Light Green CAN Low Yellow CAN High
Peugeot 508	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Red CAN Low Yellow CAN High
Peugeot 5008	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Peugeot 607	The transmission ECU is located on the left side of the engine compartment underneath a plastic cover. It is the most upper unit, fixed with an elastic strap.	Pink CAN Low Red CAN High
Peugeot 607 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High. Or, under steering column at BSI module, 10 Pin connector, Blue CAN High, Green CAN Low. NOTE: change CAN High & Low wires if no speed pulse output.	Blue CAN Low Green CAN High
Peugeot 807	The CAN wires can be found at the ECU in the engine bay. Twisted pair of wires marked 90001J – CAN Low and 9000J – CAN High. Or, under dash on drivers side Brown 16 pin plug, Pin 2 or 3 High, Pin 5 Low. Under the dashboard on driver's side, BSI module, 40 way connector, Pin 2 CAN High, Pin 4 CAN Low.	Purple CAN Low Blue CAN High
Peugeot 807 2006+	Locate OBDII connector, Pin 14 CAN Low & Pin 6 CAN High.	Purple CAN Low White CAN High Colours may vary
Peugeot Bipper	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Peugeot Boxer 2007+	CAN wires located at the back of the BSI module, Blue connector, Pin 5 Low, Pin 6 High. Or, locate OBDII connector under steering column, Pin 14 Low & Pin High. Or, CAN wires located at the blue connector on the front of the fuse box.	Pink/White CAN Low Pink/Black CAN High
Peugeot Expert 2007+	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	Green CAN Low Beige CAN High
Peugeot Partner 2003+ 2009+	Under steering column at BSI unit, Black 40-way plug. Pin 2 is Green, Pin 4 Brown. Or locate OBDII connector under steering column. Pin 14 CAN Low, Pin 6 CAN High	Brown CAN Low Green CAN High
Peugeot RCZ	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Porsche 911 GT3	Twisted pair leading to the steering wheel or engine controller	Black/White CAN Low Yellow/White CAN High
Porsche Boxster	ECU mounted on the bulkhead in the boot of the car. Or back of speedo. Or drivers side kick panel, inside main loom.	Black/Red/Blue CAN Low Black/Red/Yellow/CAN High
Porsche Cayenne	Back of speedo. Or, at the fuse box in engine bay on the near side, Blue connector.	Orange/Brown CAN Low Orange/Black or Purple CAN High
Renault Clio	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Renault Espace 2002 2003 / 04	Inside fuse box, take out the centre black box, find twisted pair of wires or at the OBDII, Pin 14 CAN low, Pin 6 CAN High OBDII connector under a cover between front seats, Pin 14 Low, Pin 6 CAN	Violet CAN Low Light Pink CAN high
Renault Fluence	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Renault Grand Scenic 2007+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Pink/Brown CAN Low Pink/White CAN High

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
Renault Kangoo 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Green CAN Low Brown CAN High
Renault Koleos	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Renault Laguna MK2	Locate OBDII connector in the centre consul, Pin 14 CAN Low, Pin 6 CAN High	Violet CAN Low White CAN High
Renault Laguna MK3	Locate OBDII connector between front seats, Pin 14 CAN Low, Pin 6 CAN High	
Renault Master	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Orange CAN Low Green CAN High
Renault Megane	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Renault Megane 2009+ (new shape)	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	Green CAN Low Brown CAN High
Renault Modus	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Renault Traffic 2005+	Locate OBDII connector. Pin 14 CAN Low, Pin 6 CAN High	White/Red CAN Low Purple/Red CAN High
Rover 75	Engine management system is located in engine bay. Pin 79 CAN Low, Pin 68 CAN High. Or, twisted pair of wires at speedo head.	Yellow/Brown CAN Low Yellow/Black CAN High
Saab 9-3	Locate OBDII connector, left hand side of steering column, Pin 14 CAN Low, Pin 6 CAN high	White CAN Low Green CAN high
Saab 9-5	Requires specific firmware – Part no: CB-1SAAB Locate OBDII connector, Pin 14 Low & Pin 6 High. Or ECU is located in engine bay. Pin 19 is CAN Low, Pin 66 is CAN High.	White CAN Low Green CAN high
Seat Altea	CAN wires can be found at the engine ECU. Or, back of radio, or back of speedo.	Orange/Brown CAN Low Orange/Black CAN High
Seat Leon	ABS connector located at passenger side at rear of engine bay.	Orange/Brown CAN Low Orange/Black CAN High
Seat Toledo 2006+	At the ABS connector.	Orange/Brown CAN Low Orange/Black CAN High
Skoda Fabia 2008+	CAN wires are located at the radio, or back of speedo.	Orange/Brown CAN Low Orange/Green CAN High
Skoda Octavia / Superb	Just above brake pedal, inside centre consul find main loom. Or back of speedo. On 2005 models CAN wires may be located at the radio. Colours may vary Note: If radio is not present or being replaced please use CAN wires at back of speedo.	Orange/Brown CAN Low Orange/Black CAN High
Skoda Octavia / Superb 2009+	CAN wires are located behind the centre consul panel on driver's side, locate loom near gear stick. Or back of radio.	Orange/Brown CAN Low Orange/Green CAN High
Skoda Roomster	CAN wires are located at the back of radio	Orange/Blue CAN Low Orange/Black CAN High
Skoda Yeti	CAN wires are located at the back of radio. Or in main loom below steering column.	Orange/Blue CAN Low Orange/Black CAN High
SMART Car / Forfour	CAN wires in wiring loom underneath dashboard. Wires can also be found in a White 5-way plug in left hand side of centre consul. Or, back of speedo. Or, in passenger footwell, twisted pair of Green/White & Green.	White/Black CAN Low Brown/Red CAN High
Ssang Yong Rodius	Locate OBDII connector under dash on driver's side, Pin 14 CAN Low, Pin 6 CAN High	Green CAN Low Green/White CAN High Black/Green CAN Low Brown/Black CAN High
Subaru Forester 2008+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Subaru Impreza 2009+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Suzuki Grand Vitara	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Suzuki Swift	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota Avensis	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota Camray 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota iQ	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota Landcruiser 2008+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota Prius	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Black CAN High
Toyota RAV4 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Toyota Yaris 2007+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Vauxhall/Opel Astra 2004+ 2010+	Wires located at the back of the radio, Pin 9 CAN High, Pin 10 CAN Low. Or, at the OBDII connector, Pin 6 CAN High, Pin 14 CAN Low or at the ABS ECU Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Green CAN High
Vauxhall/Opel Corsa 2010+	Wires located at speedo, Pin 2 CAN Low, Pin 8 CAN High or at the ABS ECU. Or, back of the radio, or OBDII connector, see Astra details. Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Green CAN High
Vauxhall/Opel Combo	CAN wires are located at the rear of the instrument cluster, Pin 2 CAN Low, Pin 8 CAN High or at the ABS ECU. Or, back of the radio.	White CAN Low Green CAN High
Vauxhall Insignia 2009+	Locate OBDII connector under dash on drivers side, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Blue CAN High

<u>Vehicle</u>	<u>Location of CAN wires</u>	<u>Wire Colours</u> (colours may vary)
Vauxhall/Opel Meriva	CAN wires are located at the rear of the instrument cluster, Pin 2 CAN Low, Pin 8 CAN high. Or, at back of radio. See Astra details.	White CAN Low Green or Yellow CAN High
Vauxhall/Opel Movarno	CAN wires are located at the rear of the instrument cluster, Pin 2 CAN Low, Pin 8 CAN High. Or at OBDII, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Green CAN High
Vauxhall Signum 2004+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Green CAN High
Vauxhall Tigra	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White CAN Low Green CAN High
Vauxhall/Opel Vectra	Locate OBDII connector in the centre consul. Pin 14 CAN Low, Pin 6 CAN High. Or, at the back of the radio, see Astra details	White CAN Low Green CAN High
Vauxhall Vivaro 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	White/Red CAN Low Purple/Red CAN High
Vauxhall Zafira 2006+	Locate OBDII connector Pin 14 CAN Low, Pin 6 CAN High. Or Pin 11 CAN Low, Pin 3 is CAN High, or at the ABS unit Pin 21 White, CAN Low & Pin 23 Green, CAN High	White CAN Low Green CAN High
Volvo C30	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo C70	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo S60 2006+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo S80 2006+	Locate OBDII connector, Pin 11 CAN Low, Pin 3 CAN High	
Volvo V50/S40 2005+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo V60	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
NEW 2012+		
Volvo V70 2006+	Locate OBDII connector, Pin 11 CAN Low, Pin 3 CAN High	
NEW 2012+	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo XC60 / XC70 / XC90	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
Volvo XC60 / XC70	Locate OBDII connector, Pin 14 CAN Low, Pin 6 CAN High	
NEW 2012+		
VW NOTE:	For vehicles with interior CAN, it may be possible to pick up the CAN wiring at the radio. Pin 10 CAN Low, Pin 9 CAN High (Original radio must be connected).	Orange/Brown CAN Low Orange/Black CAN High
VW Beetle 2004+	CAN wires are located at the rear of the instrument cluster. Note: There are 2 sets of CAN wires, the unit will only output on one set.	Orange/Brown CAN Low Orange/Black CAN High
VW Caddy 2004+	CAN wires are located under the dashboard near light switch.	Orange/Brown CAN Low Orange/Black CAN High
VW Caravelle	CAN wires are located at the radio	
VW Crafter	CAN wires are located in drivers side kick panel	Green CAN Low Green/White CAN High
VW Eos	Twisted pair above accelerator pedal, 20-way red connector, Pin 16 CAN High & Pin 6 CAN Low. Or may have CAN at the radio.	Orange/Brown CAN Low Orange/Black CAN High
VW Fox	CAN wires are located at the radio	Orange/Brown CAN Low Orange/Green CAN High
VW Golf 2004+ Mark V	CAN wires are located behind the glove box inside the main loom or behind fuse box, green connector near bulkhead. Or, at the back of radio.	Orange/Brown CAN Low Orange/Black or Green CAN High
VW Golf MK6	CAN wires are located in the main loom under the steering column.	Orange/Brown CAN Low Orange/Green CAN High
VW Jetta	CAN wires are located behind the glove box.	Orange/Brown CAN Low Orange/Green CAN High
VW Passat	Twisted pair of wires are located under the steering column at the fuse box. Or behind the battery inside main wiring loom on the right. Or, at the back of the radio. Note: There is a pair of twisted wires on the diagnostic plug but there is no speed pulse present.	Orange/Brown CAN Low Orange/Black CAN High Or at the radio Orange/Brown CAN Low Orange/Purple CAN High
VW Polo 2006+	CAN wires are located under steering column at the central electronic module unit.	Orange/Black/Yellow CAN Low Orange/Brown/Yellow CAN High
VW Phaeton	CAN wires are located in glove box at navigation connector	Orange/Brown CAN Low Orange/Purple CAN High
VW Scirocco	CAN wires located in loom below steering column or at a red 20-way connector above pedals	Orange/Brown CAN Low Orange/Black or Green CAN High
VW Sharan TDI	Located under battery plastic cover next to windscreen washer.	Orange/Brown CAN Low Orange/Black CAN High
VW Sharan 2006+	CAN wires are located at the radio.	Orange/Brown CAN Low Orange/Green CAN High
VW Tiguan	CAN wires are behind the drivers side A-pillar in footwell, inside main loom. Or, use CAN wires at speedo, Pin 12 & Pin 13	Orange/Brown CAN Low Orange/Black CAN High

Vehicle

Location of CAN wires

Wire Colours (colours may vary)

VW Touran 2003+	CAN wires are located on the passenger side of centre consul. Or, in passenger side kickwell, inside main loom, or behind lighting switch.	Orange/Brown CAN Low Orange/Black CAN High
VW Touareg 2004+	CAN wires are located at the rear of instrument cluster.	Orange/Brown CAN Low Orange/Purple CAN High
VW Transporter 2004+	Wires located at the rear of the instrument cluster. Or at radio, Orange/Green & Orange/Purple. Or drivers side under panel at 18 way black connector.	Orange/Brown CAN Low Orange/Black CAN High

US Vehicles

GM/Cadillac vehicles 2006+

- Equinox - High Speed (OBD Connector Pins 6 & 14)
- Tahoe - High Speed (OBD Connector Pins 6 & 14)
- Suburban - High Speed (OBD Connector Pins 6 & 14)
- Impala - High Speed (OBD Connector Pins 6 & 14)
- Cobalt - High Speed (OBD Connector Pins 6 & 14)
- Cadillac CTS - High Speed (OBD Connector Pins 6 & 14)
- Cadillac DTS - High Speed (OBD Connector Pins 6 & 14)
- Escalade - High Speed (OBD Connector Pins 6 & 14)
- Cadillac XLR - High Speed (OBD Connector Pins 6 & 14)
- Cadillac SRX - High Speed (OBD Connector Pins 6 & 14)

Ford 2006+

- Edge - Low Speed CAN (OBD Connector Pins 3 & 11)
- Expedition - Low Speed CAN (OBD Connector Pins 3 & 11)

For the vehicles below please use either Pins 3 & 11 or Pins 6 & 14 at the OBD Connector

- Crown Victoria
- Five Hundred
- Focus
- Freestyle
- Escape
- Explorer
- Ecoroline vans
- F150, F250, F350, F450
- Ranger trucks
- Taurus

