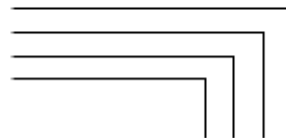


This list is only applicable for the packed interface and only applies to vehicles intended for the European market. The list is valid until the printed date as displayed in the footer of this application list. The Brands/Types/Modelyears in this list are subject to changes in CAN-protocol and/or introduction of new models, not yet verified. If in doubt, please contact Beijer Automotive BV.

<p>WARNING ALWAYS USE THE INSTRUCTIONS ON WWW.IN-CAR.NL</p> <p>WAARSCHUWING GEBRUIK ALTIJD DE INSTRUCTIES OP WWW.IN-CAR.NL</p>	Inputs:		Outputs:
	Constant power supply	- red	
	Ground	- brown	
	CAN High (Highspeed)	- black/red	
	CAN Low (Highspeed)	- black/white	
	CAN High (Lowspeed)	- black/yellow	EngineRun - white
	CAN Low (Lowspeed)	- black/green	Ignition - green
			RPM - yellow
			Speed - blue



Brand	Type	Modelyear	Bus type	Remarks															
Alfa Romeo	MiTo	2008-	■			✓	✓	✓	✓										
Audi	A4 (8K)	2007-	■			✓	✓	✓	✓										
Audi	A4 (8K)	2007-	■			✓	✓	✓	✓										
Audi	A5 (8T)	2007-	■			✓	✓	✓	✓										
Audi	Q5 (8R)	2008-	■			✓	✓	✓	✓										
BMW	1-serie E87	2004-	■			✓													
BMW	3-serie E90	2005-	■			✓	✓												
BMW	5-serie E60	2003-	■			✓													
BMW	6-serie E63	2004-	■			✓													
BMW	X1 E84	2009-	■			✓													
BMW	X5 E70	2007-	■			✓	✓	✓	✓										
BMW	X6 E71	2007-	■			✓	✓		✓										
Cadillac	CTS	2007-	■			✓	✓	✓	✓										
Chevrolet	Captiva	2006-	■			✓	✓	✓	✓										
Chevrolet	Cruze	2009-	■			✓	✓	✓	✓										
Chrysler	Grand Voyager	2008-	■			✓	✓	✓	✓										
Citroën	Nemo	2008-	■			✓													
Dodge	Journey	2008-	■			✓		✓											
Dodge	Nitro	2007-	■			✓	✓	✓	✓										
Fiat	500	2007-	■			✓	✓	✓	✓										
Fiat	Doblò	2010-	■			✓	✓	✓											
Fiat	Fiorino	2008-	■			✓		✓											
Fiat	Grande Punto	(10)2008-	■			✓	✓		✓										
Fiat	Grande Punto	2006-	■			✓	✓	✓	✓										
Fiat	Linea	2008-	■			✓													
Fiat	Qubo	2008-	■			✓													
Fiat	Sedici	2007-	■			✓													
Ford	F150	2004-	■	DLC 6-14		✓	✓	✓	✓										
Ford	Ka	2008-	■	DLC 6-14		✓	✓	✓	✓										
Honda	Accord	2008-	■			✓	✓	✓	✓										
Honda	Civic Hybrid	2005-	■			✓	✓	✓	✓										
Honda	Civic	2005-	■			✓	✓	✓											
Honda	CR-V	2007-	■			✓	✓	✓	✓										
Honda	Insight	2009-	■			✓	✓	✓	✓										
Jeep	Cherokee	2008-	■			✓	✓	✓	✓										
Jeep	Wrangler	2007-	■			✓	✓	✓	✓										
Lexus	RX	2003-	■			✓													
Mercedes	C-class (204)	2007-	■			✓	✓	✓	✓										
Mercedes	E-class (212)	2007-	■			✓	✓	✓	✓										
Mercedes	GLK-class (204)	2008-	■			✓	✓	✓	✓										
Mercedes	S-class (221)	2005-	■			✓	✓	✓	✓										

Notes:

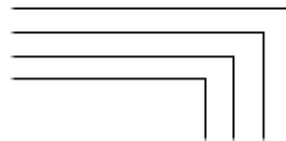
- (a) = This output depends on CAN-Bus activity. This could cause the output to be delayed or advanced from actual ignition signal.
- (b) = ParkingBrake
- (c) = EngineRun
- (d) = Switched by illumination-dimmer
- (e) = ReverseGear
- (f) = Depends on CAN-Bus configuration

Legend:

■ - Highspeed ■ - Lowspeed (see instructions on www.in-car.nl)

This list is only applicable for the packed interface and only applies to vehicles intended for the European market. The list is valid until the printed date as displayed in the footer of this application list. The Brands/Types/Modelyears in this list are subject to changes in CAN-protocol and/or introduction of new models, not yet verified. In if doubt, please contact Beijer Automotive BV.

<p>WARNING ALWAYS USE THE INSTRUCTIONS ON WWW.IN-CAR.NL</p> <p>WAARSCHUWING GEBRUIK ALTIJD DE INSTRUCTIES OP WWW.IN-CAR.NL</p>	Inputs:	Outputs:		
	Constant power supply	- red	EngineRun	- white
	Ground	- brown	Ignition	- green
	CAN High (Highspeed)	- black/red	RPM	- yellow
	CAN Low (Highspeed)	- black/white	Speed	- blue
	CAN High (Lowspeed)	- black/yellow		
CAN Low (Lowspeed)	- black/green			



Brand	Type	Modelyear	Bus type	Remarks																	
Mini	One/Cooper	2007-	■			✓															
Opel	Antara	2007-	■			✓	✓	✓	✓												
Opel	Astra	2004-2007	■			✓															
Opel	Astra	2007-	■			✓	✓		✓												
Opel	Astra	2007-2009	■			✓															
Opel	Astra	2009-	■			✓	✓	✓	✓												
Opel	Corsa	2006-	■			✓	✓		✓												
Opel	GT	2007-	■			✓	✓	✓	✓												
Opel	Insignia	2009-	■			✓	✓	✓	✓												
Peugeot	Bipper	2008-	■			✓		✓													
Porsche	Cayenne	2003-	■			✓	✓	✓	✓												
Renault	Laguna	2007-	■			✓	✓	✓	✓												
Renault	Mégane	2009-	■			✓															
Renault	Scénic	2009-	■			✓															
Saab	9-3	2007-	■			✓	✓	✓	✓												
Subaru	Impreza	2007-	■			✓	✓	✓	✓												
Suzuki	Grand Vitara	2005-	■			✓	✓	✓	✓												
Suzuki	SX4	2006-	■			✓															
Toyota	Auris	2007-	■			✓	✓	✓	✓												
Toyota	Corolla	2007-	■			✓	✓		✓												
Toyota	Land Cruiser 200	2008	■			✓	✓		✓												
Toyota	RAV4	2006-	■			✓	✓		✓												
Toyota	Yaris	2006-	■			✓	✓	✓	✓												
Volkswagen	Polo (9N)	2005-2009	■			✓	✓	✓	✓												
Volkswagen	Transporter	2003-2009	■			✓	✓	✓	✓												
Volkswagen	Transporter	2009-	■			✓	✓	✓	✓												
Volvo	C30	2007-	■	DLC 6-14		✓		✓													
Volvo	S40	2007-	■	DLC 6-14		✓		✓													
Volvo	S60	2004-	■	DLC 6-14		✓	✓	✓	✓												
Volvo	S80	2004-2006	■	DLC 6-14		✓		✓													
Volvo	S80	2006-	■	DLC 3-11		✓		✓													
Volvo	V50	2004-2007	■	DLC 6-14		✓	✓	✓	✓												
Volvo	V50	2007-	■	DLC 6-14		✓	✓	✓	✓												
Volvo	V70	2004-2007	■	DLC 3-11		✓		✓													
Volvo	V70	2007-	■	DLC 6-14		✓		✓													
Volvo	XC60	2008-	■	DLC 3-11		✓		✓													
Volvo	XC70	2007-	■	DLC 6-14		✓		✓													
Volvo	XC90	2006-	■	DLC 6-14		✓		✓													

Notes:

- (a) = This output depends on CAN-Bus activity. This could cause the output to be delayed or advanced from actual ignition signal.
- (b) = ParkingBrake
- (c) = EngineRun
- (d) = Switched by illumination-dimmer
- (e) = ReverseGear
- (f) = Depends on CAN-Bus configuration

Legend:

■ - Highspeed ■ - Lowspeed (see instructions on www.in-car.nl)



CAN SOLUTIONS

FLEXIBLE
AUTOMOTIVE
CAN-BUS
SOLUTIONS

This list only applies to vehicles intended for the European market. The list is valid until the printed date. The manufacturers / model / model years in this list are subject to changes.
23-3-2010

Ready-made CAN solutions available for ...

Alfa Romeo 147 MiTo **Audi** A3 (8P) A4 (8E) A4 (8K) A5 (8T) A6 (4F) A8 (4E) Q5 (8R) Q7 (4L) R8 (8N) TT (8J) TT Roadster **Bentley** Continental GT **BMW** 1-serie E87 3-serie E46 3-serie E90 3-serie E91 5-serie E39 5-serie E60 5-serie E61 5-serie Gran Turismo 6-serie E63 6-serie E64 7-serie E65 7-serie F01 R1200 X1 E84 X3 E83 X5 E53 X5 E70 X6 E71 Z4 E85 **Cadillac** CTS **Chevrolet** Captiva Cruze HHR

Chrysler 300C Grand Voyager PT Cruiser Sebring **Citroën** Berlingo C2 C3 C3 Picasso C4 C4 Picasso Automatic C4 Picasso Manual C5 C6 C8 C-Crosser Jumper Jumpy Nemo Relay Xsara Picasso **Daihatsu** Cuore **Daimler** Super Eight **Dodge** Avenger Journey Nitro Ram Pickup **Fiat** 500 Bravo Croma Doblò Ducato Fiorino Grande Punto Linea Panda Qubo Scudo Sedici Stilo Ulysse **FMS** Standard **Ford** C-max Edge F150 F250 Fiësta Focus Fusion Galaxy Ka Kuga Mondeo S-max Tourneo Connect Transit Transit Connect

Ginaf X4243 TS **Honda** Accord Civic Civic Hybrid CR-V Insight **Hyundai** H300 i20 i30 **Infiniti** EX37 FX50S G37 G37S **Iveco** Daily **J1939** Wheel Speed **Jaguar** S-type XF XJ-type XK X-type

Jeep Cherokee Compass Patriot Wrangler **Kia** Sorento **Lancia** Delta Phedra **Land Rover** Discovery 3 Freelander 2 Range Rover Sport Range Rover Vogue **Lexus** RX **MAN** TGX **Mazda** 2 3 6

Mercedes A-class (168) A-class (169) B-class (245) C-class (203) C-class (204) CL-class (140) CLK-class (209) CLS-class (219) E-class (210) E-class (211) E-class (212) E-class Coupé (207) G-class GL-class (164) GL-class (264) GLK-class (204) M-class (163) M-class (164) S-class (140) S-class (220) S-class (221) SL-class (230) SLK-class (171) Sprinter Sprinter (906) Vaneo (414) V-class Viano Vito V-klasse **Mini** One One/Cooper

Mitsubishi Colt Grandis Outlander **Nissan** Cabstar Frontier Interstar Murano Navara Pathfinder Pixo Primastar Qashqai Qashqai+2 X-Trail **Nooteboom** Trailer **Opel** Agila Antara Astra Combo Corsa GT Insignia Meriva Movano Signum Tour Vectra Vivaro Zafira **Peugeot** 207 3008 307 308 4007 406 407 5008 607 807 Bipper Boxer Expert Partner Ranch **Porsche** 911 997 Boxster Cayenne Cayman **Renault** Clio Espace Kangoo Koleos Laguna Mascott Master Master Propulsion Mégane Modus Scénic Trafic Twingo **Saab** 9-3 **Seat** Alhambra Altea (5P) Exeo Ibiza (6J) Leon (1P) Toledo **Skoda** Octavia (1Z) Roomster (5J) Superb (3T) Superb (3U) Yeti (5L) **Smart** ForFour ForTwo **Subaru** Impreza **Suzuki** Alto Grand Vitara Splash Swift SX4 **Toyota** Auris Avensis Aygo Corolla iQ Land Cruiser 200 Prius RAV4 Yaris **Volkswagen** Caddy (2K) Crafter (2F) Eos (1F) Fox (5Z) Golf 5 (1K) Golf 6 (1K) Golf GT Golf Plus (1K) Jetta (1K) Multivan Passat (3B) Passat (3C) Passat CC (3C) Phaeton Polo Polo (6R) Polo (9N) Scirocco (13) Sharan (7M) Tiguan (5N) Toureg (7L) Touran (1T) Transporter **Volvo** 7700 C30 C70 S40 S60 S80 V50 V70 XC60 XC70 XC90 ... and many more!

WWW.BEIJER.EU

Beijer Automotive BV / Schijndel / The Netherlands