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Manufacturer	Model	Prod Start	Prod End	CC	K W	Options Fitted	Applicable for	Place of SP	Cable Colour	Note	Test Result
Alfa Romeo	166	1998						You can find a "Navigator System M90 connector" in the boot. There is a 26 pin Siemens connector. Pin B carries the signal.	?		OK
Alfa Romeo	145 1.6	1994	1997	1596	76			The white, 14 pin connector with the speed pulse signal at pin 11, is behind the instrument panel.	Sky blue.		OK
Alfa Romeo	155 Twin Spark 1.8	1992	1993	1773	95			The white, 5 pin connector with the speed pulse signal at pin 4, is behind the instrument panel.	Sky blue.		OK
Alfa Romeo	156 2.4 JTD	1997	?	2387	100	ABS	also valid for 1.9 JTD	Under the radio housing, in the harness connected at the climate control. The light green wire carries the speed pulse signal at a black 12 pin connector.	Light Green		OK
Alfa Romeo	164 (2.0) Super T.S.	1993	1997	1995	106	ABS		The green, 12 pin connector with the speed pulse signal at pin 2, is behind the instrument panel.	Grey.	All models are the same. There are two grey cables in the green connector, the larger has the speed pulse signal.	OK
Alfa Romeo	164 3.0 V6	1988	1993					Behind the instrument panel is a 10 pin connector. The signal is at pin 4.	Grey.		NG
Alfa Romeo	166	1998						Under and behind the radio, there is the ICS module. The white 14 pin connector carries the signal at pin 4. Cable colour is grey/black (?). Maybe also at ISO radio connector, 8 pin connector at pin 1.	grey/black?		OK
Alfa Romeo	33 1.3	1988	?	1337	55			The special metal strap behind the instrument panel may have a yellow wire connected.	Yellow.		OK
Alfa Romeo	Alfa 33, Mod. 94	1994						At the rear of the instrument cluster at the circuit board, there is a 3 pin connector. The cable colours are yellow, black and green. The green one carries the signal.	green		OK
Alfa Romeo	Gtv V6	1998						Behind instrument cluster green plug pin no. 7	Lt Bl		
Alfa Romeo	Spider Twin Spark 2.0 16V	1995	1998	1970	110			The green, 18 pin connector with the speed pulse signal at pin 7, is behind the instrument panel.	Sky blue.		OK
Alfa Romeo	Spyder	1998						Behind instrument cluster green plug pin no. 7	Lt Bl		
AMC	Hummer 6.5 D	1994				AT		Yellow cable at speedometer	yellow		OK
AMC General	Hummer							Down righthand side at speedometer. Connection "send".			OK
AMC	Hummer	1997						PZD module on top of transmission box	yellow		
AMG (Mercedes)	AMG E55	1999						See Mercedes E-Class, Mod. 99	green/white		OK
AUDI	100 Avant	1991	1994	1984	74			Green connector T6/c at the main connection unit number 2, behind the cover in the door post, in the driver side kickwell.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	80 2.6 E	1992	1995	2598	110	ABS		Black connector T10 at the optional relays carrier under the steering column. The connecting place is variable!	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	80 Avant	1992	1996	1984	66	ABS		Black connector T10 at the add-on relays carrier under the steering column. The connecting place can change in the carrier.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	80-90							At rear of speedo in brown connector towards outside of car	W/Bl		
AUDI	A3	1998						Pulse generator at transmission	W/Bl		
AUDI	A3 1.6 l	1999		1595	74	ABS, AC		Remove cover between steering wheel column and instrument cluster. At the right backside of the instrument cluster (facing the engine) there is a green 32 pin connector. The green/white cable at pin 30 carries the signal.	green/white	Normally Audi uses the cable colour white blue. If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
AUDI	A3 1.8 i	1996	?	1781	92	ABS	Not all white/blue wires have the speed pulse signal.	Under the instrument panel, on the left hand side of the steering column is a white, 10 pin connector. The signal is at pin 2.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	A3 1.8i Turbo	2002						At back of radio	White/blue		

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AUDI	A4 1.8T Quattro	2001						On green 32 pin connector connector behind cluster. Access plug via cover on fuse panel. Swing red locking tab on connector. Remove green connector from cluster	White/blue	Reverse wire (right hand side rear lighting panel Blue/red) Illumination wire (right hand side rear lighting panel thin grey/red Constant power (behind fuse 15 red/white) or behind radio red/blue Accessory power (behind fuse 37 black/green) Ground (behind radio)	OK
Audi	A3 Mod. 2000	1999						At the rear of the instrument cluster, there is a blue 32 pin connector. Pin 28 carries the signal.	green	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
AUDI	A4	1994	1998	1781	92	ABS, AT		Brown connector T10/9 at the main connection E-Box (top of bulkhead) in the engine compartment, at the passenger side, at the passage to the passenger kickwell under the windscreen. The pin with the white/blue cable carries the signal.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	A4							At ECU , pin no. 9	W/BI		
AUDI	A4 1.6	1999		1595	74	ABS, AC		In the engine compartment, in the corner at driver's side, near windscreen, there is the black E-box. Open the box, remove the ECU. The brown 10 pin connector (second one from left side - facing the engine) carries the signal at pin 9.	white/blue	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
AUDI	A4 1.8T	1996						At transmission	Bn/BI		
Audi	A4 2.5 TDI Quattro	1999		2496	110		valid for export vehicles	In the engine compartment, driver's side, near the windscreen, there is a black box. In this box you can find a black 10 pin connector. Pin #10 carries the signal.	brown/red	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
Audi	A4	2005						At ECU behind passenger side kick panel	White/blue		
AUDI	A6	1995	1996	2598	110	ABS		Green connector T6/c at the main connection block, at the driver door post, behind the cover.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
Audi	A6 2.5 TDI Mod. 1999 & 2000	1997		2496	110		valid for export vehicles	There is a black 10 pin connector at the control unit in the engine compartment. Pin 10 carries the signal.	brown/red		OK
AUDI	A6 Model 97	1997	?	2393	12 1	ABS, AT		Behind the cover at the drivers door post is a main connection block. The signal is in the pink connector.	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
AUDI	A6 Model 98	1998		2393	12 1		Not valid for export models	Footwell of front-seat passenger. There is a pink 8-pin connector. Pin 2 carries the signal.	white/blue	Caution: A connection at speedometer would destroy the hall-generator. Export models have a black box in the engine compartment. Cable colour is brown/red	OK
AUDI	A8	1994	1996	2771	12 8	ABS, AT, AC		Black radio connector at the radio (ISO: Chamber 3.) in the centre console. In addition the signal is available at pin 2 of a loose, black 4 pin connector, located in the front passenger kickwell, at the main connection unit.	White/blue.	The cable colour of all models from this manufacturer is white/blue. Note: the GPS antenna must be installed outside the car, because the windows have a metallic coating. If there is a problem with the speed pulse, change the speed pulse filter from high to low.	OK
AUDI	Cabriolet 2.6	1997	?	2598	110	ABS		Black connector T10 at the optional relays carrier under the steering column. The connecting place is variable!	White/blue.	The cable colour of all models from this manufacturer is white/blue. If radio connector (ISO) is available please use pin 1 in chamber 3.	OK
Audi	Quattro	1995						At transmission	Bn/R		
Audi	S2 (80Coupé/90Coupé)	1999		1781	13 2			ISO-Radio connector pin 1 of chamber 3.	?	Limited edition, Chassis of Audi 80 Coupé or Audi 90 Coupé.	OK
Audi	S3 1.8 T Quattro	1999		1781	15 4			At the rear of the instrument cluster, there are green, grey and blue connectors. The blue 32 pin connector has the signal at the white/blue cable. (maybe pin 30?) OR: At the gearbox there is a 3 pin connector, Cable colours are: brown - ground, black/brown - power & white/blue - speedpulse. Difficult access.	white/blue	If radio connector (ISO) is available please use Pin 1 in chamber 3. Please see Audi A3.	OK
AUDI	S4 Model 97							Brown connector T10/9 at the main connection E-Box (top of bulkhead) in the engine compartment, at the passenger side, at the passage to the passenger kickwell under the windscreen.	white/blue	Same location as at Audi A4.	OK
AUDI	S4 Model 98							Brown connector T10/9 at the main connection E-Box (top of bulkhead) in the engine compartment, at the passenger side, at the passage to the passenger kickwell under the windscreen.	brown/red	Same location as at Audi A4.	OK

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AUDI	TT COUPE 1.8 T QUATTRO	1998		1781	13 2	ABS, AC	also valid for type key 300, 302, 165KW and model 2000	Remove vertical cover on the lefthand side of instrument panel. Remove cover under instrument cluster. Loosen 2 screws and tip instrument cluster forward. At the rear there is a blue 32 pin connector, pin 31 is the outgoing signal, cable colour blue/white, pin 28 is the incoming signal, cable colour green/red.	see description	If radio connector (ISO) is available, please use black connector, pin 1 in chamber 3.	OK
Bentley	Azure Mod.98							In the glove box, leftside, below a black lid, there is a round, 49 pin connector. Pin "x" carries the signal.	red/yellow		OK
Bentley	Mulsanne Turbo 1984							The speed pulse is in the kick panel at the bottom of the "A" post, there is a multi pin connector. The colour is red/green.	red/green		OK
BMW	323	94						Behind instrument cluster	Gn/R		
BMW	540	1995						Radio terminal no.10	Blk/W		
BMW	626	92-96						Behind instrument cluster	Gn/R		
BMW	626	1989						In large green connector above brake switch	Gn/R		
BMW	929	91-92						At transmission control unit under passenger side feet	Gn/R		
BMW	3201	1992						Behind instrument cluster -loom no. 4	Blk/W		
BMW	"7" Series							At the left rear light there is a black 6-pin connector. Pin 1 carries the speedpulse signal of the left wheel. Pin 2 carries the speedpulse signal of the right wheel.	yellow/white		OK
BMW	"8" Series	1991	?	2997	16 0	ABS,AT, AC		All types of this series have a radio with Speed Related Volume Control (GAL)-function pre installed by the manufacturer. The radio is installed in the centre console or in the boot at the passenger side near the wheel housing.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	316	1991	1997	1596	75	ABS		In all models of this series, there is a distribution box in the driver side kickwell at the door post. The location of the black connector with the speed pulse signal can change within the box. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	318 i	1998	?	1895	87	ABS		At the driver side behind the instrument panel is a black, 26 pin connector. At pin 8 is the signal. Caution: Never pull off a connector from the instrument cluster or aircon module. The engine wouldn't start again. May also be at pin 1 of the ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	320i Touring	1991	1997	1991	110	ABS		In all models of this series, there is a distribution box in the driver side, by the door post. The location of the black connector with the speed pulse signal can change within the box. May also be at pin 1 of ISO radio connector	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	3231EFI	93-94						Behind instrument cluster	Gn/R		
BMW	323I	95-96						Behind instrument cluster		Br/R	
BMW	328i	1995		2793	14 2	ABS, AT		At the radio connector.	black/white		OK
BMW	328i Touring	1991	1997	2793	14 2	ABS		In all models of this series, there is a distribution box in the driver side kickwell at the door post. The location of the black connector with the speed pulse signal can change within the box. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	3-Series	1985	1994					The speed pulse comes from the rear differential to the instrument cluster. There are two wires a Brown and a Brown/red at pins 8 and 12 of the green or white connector going into the cluster.we believe that the speed pulse is on the Brown/red wire however the standard colour used on most BMW's is Black/White.	brown/red		OK
BMW	518	1991	1995	1796	83	ABS		Under the rear seat squab, on the driver side there is a black, 8 pin connector at the control unit. This connector may be fixed at the control unit on the side to the boot, or laid loose in this area. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK

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BMW	518i	1991	1995	1796	85	ABS		Under the rear seat squab, on the driver side there is a black, 8 pin connector at the control unit. This connector may be fixed at the control unit on the side to the boot, or it is laid loose in this area. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	520i	1991	1995	1991	110	ABS		Under the rear seat squab, on the driver side there is a black, 8 pin connector at the control unit. This connector may be fixed at the control unit on the side to the boot, or laid loose in this area. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	520i A (E39)	1996	?	1991	110	ABS,AT		Under the glove box is a black, 26 pin connector at the control unit. The signal is at the black/white cable. May also be at pin 1 of the ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white. If radio connector is available please use the black/white cable there.	OK
BMW	525i	1988						Behind instrument cluster -loom no.4	Blk/W		
BMW	525i 24V	1990	1995	2494	14 1	ABS, AT		Under the rear seat squab, on the driver side there is a black, 8 pin connector at the control unit. This connector may be fixed at the control unit on the side to the boot, or laid loose in this area. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	525i	2001				ABS		At ABS module connector. Pin 35. Must buy from BMW a loom. Part number 82899405804. Once insert pin use selastic			
BMW	530D Touring (E39/2) Mod. 10/99	1998		2926	13 5			High version: Behind the instrument cluster you can find the IKE-module. The blue connector carries the signal at pin 1. OR: Low version: NO IKE-Module. There is a white connector (S2), pin 19 carries the signal, cable colour is brown/red.		IKE-Module: flat instrument group at the rear of the instrument cluster.	OK
BMW	530	1991	1995	2997	16 0	ABS		Under the rear seat squab, on the driver side there is a black, 8 pin connector at the control unit. This connector may be fixed at the control unit on the side to the boot, or laid loose in this area. May also be at pin 1 of ISO radio connector.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	728i	1991	?	2795	14 2	ABS, AT, AC		All models of this series have a radio with Speed Related Volume Control (GAL) function pre-installed by the manufacturer. The radio is installed in the centre console or in the boot at the passenger side near the wheel housing.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	730i	1991	1996	2997	16 0	ABS,AT, AC		All types of this series have a radio with Speed Related Volume Control (GAL)-function pre installed by the manufacturer. The radio is installed in the centre console or in the boot at the passenger side near the wheel housing.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
BMW	730i	1990						Behind instrument cluster-loom no.4	Blk/W		
BMW	735i (E38)	1998		3498	17 5	ABS, AC, AT	Only valid for monitor on-board models. Other models: Radio at middle console.	I the boot, leftside, between rear light and wheel housing, at the very outside, there is the radio with a 17 pin connector. Pin 10 carries the signal.	black/white	Bad signal, but usable.	OK
BMW	Z3	1996	1998	1796	85	ABS		All types of this series have a radio with Speed Related Volume Control (GAL)-function pre installed by the manufacturer. The radio is installed in the centre console.	Black/white.	The cable colour of all models from this manufacturer is black/white.	OK
Cadillac	Sedan De-Ville	1988	1988	4495	116	ABS; AC; AT		Under the instrument panel, near the steering column, is a brown/white wire. The speed pulse is available here.	Brown/white.		OK
Chevrolet	Cavalier Mod.95			2200		ABS, AT		Behind the instrument cluster.	green/white		OK
Chevrolet	Corvette Mod.95			5700		ABS, AT		Behind the radio.	lt. Brown	The wire colour was taken from the radio side of the connector. The colour for the opposite side of the connector is green/white.	OK
Chevrolet	Corvette Mod.98					ABS, AT		Behind the speedometer pin 7.	green/white		OK
Chevrolet	Explorer Van Astro Van							At the bonnet lock, below the cover of a water pipe there is the cruise control ECU. The yellow cable carries the signal.	yellow		OK
Chevrolet	GM200	1997		3350				There are 2 dark green cables in the original connector of the radio (20 pin). One of these cables carries the signal.	dark green		OK
Chevrolet	Suburban	1996	1997	6500				At the Cruise Control Module on the left side of the brakefluid reservoir on the right side in the motor compartment, there is a 10 pin Connector, pin K carries the signal.	dark green/white	Signal can be found at radio connector too. Cable: dark green/white	OK

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Chevrolet	Suburban	1991	1992					At the ECM above blower motor pin A10 or B11	brown		OK
Chevrolet	Suburban	1998						At the radio connector	dark green/ white		OK
Chevrolet	Trans Sport Mod. 99	1997		3350	13 8		Valid for petrol engine with electric door.	There are 3 connectors with 24 pins under the fuse box. The center one carries the signal at position E8.	dark green		OK
Chevrolet	Van	1991	?	5657	15 4		Special imported car.	Under the driver seat there is an engine control unit. There are two connectors. The signal is at the black 24 pin connector. Use the pin connected to a brown wire.	Brown.		OK
Chrysler	300M 3.5	1998		3518	18 7			The white/orange cable between Computer/Gearbox-control (Description 58) and Computer/Engine-control (Description C2/66) carries the signal.	white/orange		OK
Chrysler	Cherokee	1991	1999	5216	15 6	ABS,AT, AC		The speed pulse is at pin 5 of the upper of two grey 10 pin connectors, within the engine compartment, on the passenger side, at the bulkhead.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Cherokee	1997						At L/H side firewall , 12 pin connector	W/O		
Chrysler	Cherokee	1994						At ECU below glove box, pin no. 3	W/O		
Chrysler	Cherokee 4.0	1991	1993	3964	13 6	ABS,AT, AC	Only for petrol engines.	In this model, the speed pulse is at pin 47 of the black 60 pin connector to the engine control unit, located in the engine compartment, above the bumper, on the passenger side.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Cherokee TD 2.5	1991	1997	2499	85	ABS	Only for diesel engines.	In this model the signal can be found in the engine compartment, on the left (looking from the front), in a black 60 pin connector at pin 47.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Grand Cherokee	1997	?	4750	14 0	ABS;AT; AC	Export from Canada.	Under the car, in the middle, on the driver side, at the gear box is a black 3 pin connector. The outside pin with the white/ orange cable has the signal.	White/ orange.	Don't take the Signal from speedometer!!! Alternative location: At the cruise control, down in the left hand side footwell area at the bulkhead. Same Cable colour. Caution: this cable-colour is also used for 12V.	OK
Chrysler	Grand Cherokee 1998	1998		5900			The Vehicle has a BUS- System. There is no other speedpulse location.	A white/orange cable at the gearbox and at ECM carries the signal.	white/orange	Also possible cables at gearbox: black/bright blue and white/purple	OK
Chrysler	Grand Cherokee 4.7 Mod. 2000	1999		4701	16 2			There is a white 10 pin connector at the backside of the instrument cluster. The white/orange cable carries the signal.	white/orange		OK
Chrysler	Grand Cherokee 99 & 00	1998						The speed pulse can be found at the left hand side of the engine compartment. At the ABS module, pin 3, white/orange wire.	white/orange	Please note: The same colour wire can also be found at the gearbox sender unit. DO NOT USE THIS WIRE!!! When the vehicle is placed in reverse the vehicle judders. Connect only at the ABS module.	OK
Chrysler	Grand Cherokee Mod.99			4700				At the speedometer, there is a 12 pin connetor. Pull out the connector and look at the contacts: upper row, 2nd cable from right carries the signal	white/orange		OK
Chrysler	Grand Jeep Cherokee	2001						At ECU unser engine bay. Middle connector Pin 27	Green/yellow		
Chrysler	Jeep Grand Cherokee	2002						No speed pulse can be found. CAN BUS. As per phone conversation with Chrysler Technical			
Chrysler	Grand Voyager	1995	?	2429	110	ABS,AC	Only for petrol engines.	There are two black connectors to the engine control unit in the engine compartment, above the wheel housing (drivers side). The lower 30 pin connector, has the signal at pin 66.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Grand Voyager	1991	1995	3301	12 0	ABS,AT, AC		In this series, a black connector with the speed pulse at pin 47 is located in the engine compartment next to the battery.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Neon	1996						At ECU in engine bay, beside L/H shock tower	W/O		
Chrysler	Neon	1995	1999	1996	98	ABS,AT, AC		In this model the signal is at pin 12 of a black connector, located between the engine compartment and the occupant cell on the driver side.	White/ orange.	The cable colour of all models from this manufacturer is white/orange.	OK

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Chrysler	Stratus	1991	1996	2479	118	ABS,AT,AC		In this model, a black, two part, 30 pin connector is located in the engine compartment, right (viewed from the front) and in front of the engine block. Pin 66 of the first part (closer to the radiator grill) has the speed pulse.	White/orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Voyager	1998						At ECU in engine bay on passenger side	W/O		
Chrysler	Voyager LX, Mod.98/99	1996				AT	valid for automatic transmission	Look into the engine compartment, and on the right hand side, next to the battery or on opposite left side too, you can find the gearboxcontrol computer (description 58). The white/orange cable, carries the signal. This cable goes to the engine control computer (description C2/66).	white/orange		OK
Chrysler	Voyager TD	1995	?	2499	85	ABS,AC	Only for diesel engines.	Three connectors are located above each other, at the front passenger side, at the bulkhead. The grey 10 pin connector (bottom one) has the signal at pin 4.	White/orange.	The cable colour of all models from this manufacturer is white/orange.	OK
Chrysler	Wrangler	1996						At ECU or harness from transmission	W/O		
Citroen	Berlingo 600	1996	?					At the instrument panel, behind the speedometer, is a blue connector. Pin 2 has the signal.	Green.	The number on the cable is 465.	OK
Citroen	Boxer							Refer to Peugeot Expert			OK
Citroen	BX TRS & GTI						Only for Models who are equipped with a SP-generator (e.g. TRS and GTI)	The SP-generator is located directly at the gearbox. There is a 3 pin connector. One of these 3 pins carries the signal (one power supply, one ground)	unknown	For other models (e.g. TRD 91), the Citroen speed pulse generator part No. 96 046 743 is required. To be fitted at the gear box side.	OK
Citroen	Evasion	1994	1998	1998	89			The green, 9 pin connector with the speed pulse signal at pin 1, is behind the instrument panel close to the speedometer.	Green.		OK
Citroen	Jumper	1999						If this vehicle is equiped with a tachograph, it has a speedpulse signal. You can find the signal at the gearbox. Vehicles without tachograph can be retro fitted with a hall generator from Citroen.	yellow?		OK
Citroen	C5	2002						Fuse box in glove box. Four pin grey connector. Pin 1 white wire. Marked 6739	white wire		
Citroen	Xantia	1994						At axle in 3 wire loom	Gn		
Citroen	Xantia	1993	1998	1761	74		For all models of this series with engine control unit, air conditioning system, cruise control or automatic transmission.	In the engine compartment, under the cam cover/valve chest at the engine block, at the right hand side, there is a white, 3 pin connector at the gear box. The signal is at the pin with the green cable.	Green.	For cars produced since 1991 with mechanical speedometer, a hall generator is available from Citroen. Order number is: 96093558.	OK
Citroen	XANTIA 1.8i 16V	1996	1998	1761	81			In the engine compartment at the left hand side of the engine is an electronic box. The signal is at pin 9 of the black, 57 pin connector.	Green.	The cable number is 1360.	OK
Citroen	XM Turbo Diesel	1991	1997	2446	95		From 1996: Driver's footwell, Citroen-connector-bar (under cover), white connector, pin 2, green cable	In the engine compartment, at the passage to the occupant cell, there is a hall generator at the mechanical speedometer cable with a white, 2 pin connector. The signal is on the right hand pin.	Black.	For cars produced since 1991 with mechanical speedometer, a hall generator is available from Citroen. Order number is: 96093558.	OK
Citroen	Xsara 1.8L & 1.9L Diesel			1761				Behind the speedometer there is a blue connector. Pin 17 carries the signal. Cable no. 465	violet		OK
Citroen	ZX Miami	1995	1997	1400				In the engine compartment on the right hand side of the engine is a 3 pin connector. The speed pulse is at the green wire.	Green.		OK
Citroën	SAXO 1.1i	1996	1998	1124	40			In the engine compartment there is an electronic box on the right hand side of the engine. There is a black, 55 pin connector and the signal is at pin 28.	Rose/green.	There are 2 wires on the same terminal: rose (1360) and green (465).	OK
Daewoo	Cielo	94-95						At ECU in R/H side kick trim , 24 pin connector pin no.10	Bn		
Daewoo	Cielo Automatic	96-97						At ECU - pin B2	Y/Blk		
Daewoo	Cielo manual	96-97						At ECU connector B, pin no.2	Bn		
Daewoo	Espero	94-96						At ECU in R/H side kick trim , pin 2 in 24 pin plug	Bn		

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Daewoo	Espero	1996	1997	1998	77	ABS; AT		On the left hand side of the front passenger kickwell is the engine control unit. The speed pulse is at pin 2 of the blue 12 pin connector.	Brown.	The cable colour can change, therefore it is safer to look at the location in the connector, than for the colour.	OK
Daewoo	Lanos	1996						R/H kick panel at ECU	Gn/W		
Daewoo	Leganza	1997						R/H side kick trim , white connector at ECU	Gn/W		
Daewoo	Leganza	1997		1998	98		valid for right hand drive vehicles	Drivers side kickpanel at the engine control module. 2 x 32 way white connectors, Row D, Pin 10 carries the speed signal.	green/white		OK
Daewoo	Musso 4WD	1999						Behind instrument cluster , middle plug, 4th pin button	Y/W		
Daewoo	Nexia	03/95	05/97					At the rear of the instrument cluster there is a 16 pin connector. The yellow/black cable carries the signal.	yellow/black		OK
Daewoo	Nexia 16 V	1996	1997	1498	66	ABS; AT		On the left hand side of the front passenger kickwell is the engine control unit. The speed pulse is at pin 2 of the blue 12 pin connector.	Brown.	The cable colour can change, therefore it is safer to look at the location in the connector, than for the colour.	OK
Daewoo	Nubira	97-98						At ECU in R/H kick trim, pin 16 of 18 pin plug	DkGn/W		
Daewoo	Nubira	1998						At ECU in R/H KICK TRIM PIN NO. D10	DkGn/W		
DAF	DAF Trucks						valid for all XF models	Passenger side electrical complex. Remove 3 screws from the fusebox and lay to one side. There are 4 blue connectors. The front 21 pin connector carries the signal at pin 8. Cable no. 3502 OR: At back of speedometer (Caution: you must open the seal) , the yellow connector C3. Pin B7 carries the signal	blue		OK
Daihatsu	Applause	91-94						At ECU behind centre console -pin no. 8	Y/R		
Daihatsu	Applause	1997						At ECU behind centre console, pin x04	LtGn/R		
Daihatsu	Charade	91-92						At ECU 24pin connector -pin no.8	Y/R		
Daihatsu	Feroza	92-97						At ECU -PIN NO. 8	Y/R		
Daihatsu	Mira	92-95						Behind instrument cluster -bottom screw at speedo head			
Daihatsu	Pyzar	1997						At ECU behind glove box or console, pin no. 5	Y/R		
Daihatsu	Sirion	1998						At ECU behind glove box , pin no.30			
Daihatsu	Terios	1997						At ECU L/H side kick trim, up high, 22 pin connector	LtGn/R		
Dodge	Neon			2000		ABS		Behind the instrument cluster. OR: At the ECU in the engine compartment on the driver's side.	white/orange		OK
Dodge	Ram							In the engine compartment, at passenger's side, there is the ECM. A white/orange cable, 1.0mm of diameter, carries the signal.	white/orange		OK
Ferrari	456 GT	?	?		300	ABS		Above the engine control unit, located in the passenger kickwell, is a black 21 pin connector. The signal is at pin 3.	White/yellow.		OK
Ferrari	512 Testarossa Mod. 91						not valid for every vehicle	Near the instrument panel, there is a 21 pin connector. Pin 13 carries the signal.	red/white		OK
Ferrari	550 Maranello						not valid for every vehicle	Behind the instrument panel there are 3 connectors. The central, 18 pin connector (B) carries the signal at pin 16.	white/yellow		OK
Ferrari	F355 Spider							Remove speedometer (2 screws). There is a 5 pin Connector (A). Pin 4 carries the signal.	red/white		OK
Ferrari	V355 GTV Mod.96							Behind the speedometer there is a 6 pin connector. Pin 2 carries the signal.	red/white		OK
Fiat	178	1998	?	1242	54			Speed pulse not available, speed pulse generator is required.		Generator FIAT spare code: 7679640	no
Fiat	Barchetta 1.8 16V	1995	?	1747	96			The white, 8 pin connector with the speed pulse signal at pin 1, is behind the instrument panel.	Sky blue/white.		OK
Fiat	Brava 12V SX	1995	1997	1370	55			The black, 20 pin connector with the speed pulse signal at pin 13, is behind the instrument panel.	Grey/brown.		OK
Fiat	Brava SX	1995	1997	1581	66	ABS		In the engine compartment there is a two-coloured, 20 pin connector behind the battery with a green lower part and a grey upper part. The signal is at pin 5.	Grey/red.		OK

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Fiat	Coupe 2.0 16 V	1994	1996	1995	10 2	ABS		The speed pulse signal is at pin 4 of a black 4 pin connector, behind the speedometer.	Light-blue.		OK
Fiat	Coupé 2.0 20V	1998		1998	113			There is a 55 pin connector at the Motronic module. Pin 9 carries the signal. OR: There is a hall generator in the engine compartment, driver's side, near windscreen.	?		OK
Fiat	Coupé 2.0 turbo 16V Plus	1994	1996	1995	14 0	ABS		The black, 4 pin connector with the speed pulse signal at pin 4, is behind the instrument panel.	Sky blue.		OK
Fiat	Croma	1995	1996	2000	85	ABS		Behind the instrument panel, at the speedometer, there is a colourless, 2 pin connector. The pin with the brown cable has the signal.	Brown.		OK
FIAT	Ducato							No speedpulse available: The following Fiat-parts have to be retro fitted: 131 035 6080 hall generator, 010 249 754 cable shoe (Qty. 4), 042 056 495 angle-piece, 042 096 114 cable-connector.			OK
Fiat	Fiorino	1999						No speedpulse. A hall generator has to be installed in the speedometer cable.	-		NG
Fiat	Marea SX 1.6 16V	1996	?	1580	76			The black, 20 pin connector with the speed pulse signal at pin 13, is behind the instrument panel.	Grey/brown.		OK
Fiat	Multipla 100 16V & JTD 105	1999					valid for all Multipla versions	At the rear of the instrument cluster there is a 16 pin connector. Pin 9 carries the signal. (This is the signal input - valid for all models) OR: 12 pin connector, the signal is at pin 3 (signal output, for some models you need to install a wire)	brown/yellow		OK
Fiat	Punto TD 70 ELX	1994	1997	1698	51			The black, 8 pin connector with the speed pulse signal at pin 4, is behind the instrument panel.	Sky blue/ white.		OK
Fiat	Scudo	1996					Valid for all Scudo models	Check the gear box to see if there's a hall generator. If not the vehicle doesn't have the speed pulse signal at all. A hall generator has to be retro fitted. Fiat accessory code 9610853480 (same as Lancia Z).	-		OK
Fiat	Tempra TD	1992	1993	1929	66			The white, 13 pin connector with the speed pulse signal at pin 8, is behind the digital (optical electronic) instrument panel.	Sky blue.	In models with analogue instrument panel, install the Fiat accessory: 7679640. In models with the air conditioning, the white, 6 pin connector with the speed pulse signal at pin 5, is behind the air conditioning control panel.	OK
Fiat	Tipo 1400 i.e. CL	1991	1993	1372	51			The white, 13 pin connector with the speed pulse signal at pin 6, is behind the digital instrument panel.	Sky blue.	In models with analogue instrument panel, install the Fiat accessory: 7679640.	OK
Fiat	Ulysse	1995	1998	1998	10 8	ABS		The green, 9 Pin connector has the speed pulse signal at pin 1, and is behind the instrument panel, near the speedometer.	Green.		OK
Fiat	Ulysse 2.1 TD EL	1995	?	2100	80			The green, 9 pin connector with the speed pulse signal at pin 1, is behind the instrument panel.	Green.	The green cable has 1622 printed on it.	OK
Fiat	Ulysse Model 1999	1999	?					There are 2 connectors at the gearbox (2 pin and 3 pin). The 3 pin connector carries ground, ignition-plus and speedpulse.			OK
Ford	Aerostar Mod.91					ABS, AT		Passenger side kick panel.	?		OK
Ford	Corsair	95-96						At transmission	Bn		
Ford	Cougar 16 V & 24 V	1998						At the gearbox there is a triangular or an oval connector. (V6 engine and automatic transmission have oval connector). OR: At left MacPherson strut tower (spring) there is a rectangular connector. Pin 13 or 11 (Not sure, which one is right,)	white/blue	Preinstalled radio: Radio connector, cable colour white/green	OK
Ford	Courier UTE	1997						Behind instrument cluster in black connector	DkGr/R		
Ford	Courier	2003						Behind instrument cluster	Gree/red wire		

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Ford	ESCORT CL Tunier	1991	?	1391	55	ABS	Only for petrol engines (but check the note).	1. In the passenger side kickwell, at the left hand door post under the glove box there is a yellow, single pin connector. This connector may be loose or attached to another connector. 2. At the gear box there is a hall generator at the mechanical speedometer cable. The signal is available at pin 3 of the first triangular, 3 pin connector at the right hand side of the cylinder head.	Brown/white.	General: the control unit for diesel engines does not need the speed pulse, but for some optional equipment (air conditioning, automatic transmission, etc.) there is a hall generator at the gear box. If there is any doubt look here first.	OK
Ford	Escort Cosworth	1992	1996	1993	16 2			The speed pulse for a 1995 N Registration Cosworth is Brown/white at the sender unit on the gearbox. It then goes to the instrument cluster and also the radio at pin 6. You can also connect to it at the EEC (Electronic Engine Control) Module at the passengers side kick well. The colour of the speed pulse is Brown/red at pin 3.			OK
Ford	Expedition	1998						Behind the speedometer the grey/black cable (cicuit 679) carries the signal.	grey/black		OK
Ford	Explorer	1997						At ECU	LtBn/Y		
Ford	Explorer 1997	1996	1998	4011	15 2			The speed pulse wire comes from the top of the gearbox and splits off to the powertrain control module, the speed control module and also to the instrument cluster. The connector is a 12 way connector and the speed pulse is at pin 12. the colourof the wire is Grey/black.	grey/black		OK
Ford	Explorer 4.0l	1996	?	4011	15 2	ABS, AT, AC	Only for cars with automatic cruise control	In the engine compartment, at the front passenger side, behind the wheel housing, there is the cruise control unit. At the black, 13 pin connector is the signal at pin 3.	Grey/black.	Signal can be found at Speedometer too. Same cable colour.	OK
Ford	Explorer 4.0l	2000						In the engine compartment, at the front passenger side, behind the wheel housing, there is the cruise control unit. At the black, 13 pin connector is the signal at pin 3.	Grey/black.		
Ford	Explorer Mod 95	1993	1995	3958	12 1			Behind the instrument cluster there are a 16 pin and a 11 pin connedctor. The 11 pin connector carries the signal, cable colour grey/black	grey/black		OK
Ford	F150	88-89						At trans, left side	Gn/W		
Ford	F250	2002						Behind instrument cluster	Grey/Black		
Ford	Falcon XD,XE,XF							Passenger side of engine in harness	W		
Ford	Falcon AU							Cluster: rear connector J2 - Pin 5 (white wire) At ECU in L/H side kick trim , pin no.3 (white wire with grey dots)	W		
Ford	Fairlane V8	mars-99						Back of instrument cluster. G.P.2 connector on rear right of cluster. Pin 17 input vss, Pin 18 output VSS, Pin 1 starts at top right hand corner then goes down to pin 10 bottom right hand corner, then moves across to pin 11 on bottom left hand corner and goes up to pin 20 on top left hand corner	No colour givem		
Ford	Falcon AU2							Cluster JP2 - Speed output pin 17, speed input pin 18 At ECU in L/H side kick trim , pin no.58 (light brown wire) Orange plug above accelerator pedal (white)			
Ford	Falcon BA series	2003/2004						Behind passenger side kick trim on orange connector closer to firewall	Black/white		
Ford	Falcon EA							Connector under brake booster or under dash in diagnostic plug	W		
Ford	Falcon EB							At ECU in passenger kick trim-pin 5	W		
Ford	Falcon ED							At ECU -connector 1, pin 3. Fairmont to LTD; pin 6	W		
Ford	Falcon ED	1994						At ECU L/H kick trim			
Ford	Falcon EF							At ECU-Lge white connector, pin58	W		
Ford	Falcon EL							At ECU in passenger kick trim-pin 3	W		

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Ford	Falcon XT	2006						Behind passenger side kick trim on orange connector closer to firewall	Black/white		
Ford	Territory	2004/2007						Behind passenger side kick panel, white connector	Black/white	Reverse wrie: White connector same connector as VSS Red/Brown, Illumination wire: Orange connector Brown wire with silver dots.	
Ford	Falcon XG,XH Ute							At ECU in passenger kick trim-pin 3	W		
Ford	Festiva	1997						At ECU in drivers side kick trim-bottom connector, pin 7	DkGn/R		
Ford	Festiva WB series 2	1997						Behind instrument cluster in black connector	DkGn/R		
Ford	Fiesta 16V	1996	?	1242	55	ABS		In the passenger side kick panel on the "A" post, there is a harness to the engine control unit. The white/red wire in the harness is the speed pulse signal.	White/red.		OK
Ford	Focus 1.8 DI	1998		1753	66	ABS		At the gearbox, there are 3 cables: black, brown and yellow/brown. The yellow brown one carries the signal.	yellow/brown	Cable colours may vary. Access to the gear box: remove plastic cover at bottom.	OK
Ford	Focus 2.0 16V	1998		1988	96	ABS		At ECU behind the glovebox, right hand side. Cable colour white/blue. Colors may vary.	white/blue		OK
Ford	Galaxy	1995	1998	1998	85	ABS		All models have the location of the speed pulse in the driver side kickwell. The connector is behind or on the fuse box. The colour of the connector can vary. If there is no signal, there is a wire within a blue connector above the fuse box.	Blue/white.		OK
Ford	Galaxy						also valid for model 99	Behind the speedometer leftside (look facing the engine), there is a red 28 pin connector. Pin 7 carries the signal.	violet		OK
Ford	KA	1996	?	1297	37			In the middle of the engine compartment at the dash panel under the black cover panel is a black 3 pin connector. The signal is on the yellow/red wire.	Yellow/red.	Note: At this connector the cable colour changes from yellow/red on one side to white/blue at the other side.	OK
Ford	Laser	92-96						At ECU behind console	Gn/R		
Ford	Laser	97-98						2 connectors to right of steering column under dash	Gy/LtBl		
Ford	Laser Liata	1997						Main wiring harness on left of console	Gn/R		
Ford	Laser LXI	1997						At ECU behind console	LtGn/R		
Ford	Laser	2002						At transmission near drive shaft	black/orange		
Ford	Lincoln Navigator							Behind the speedometer there is a white 16 pin connector. Pin 7 carries the signal.	grey/black		OK
Ford	Maverick	1993	?	2389	91			The signal can be found at the engine control unit, within the centre console, close to the gear lever. Even with different engine specification, the position stays the same. For diesel engines the signal is at pin 11 and for petrol engines at pin 32.	Yellow/black.		OK
Ford	MONDEO	1993	1998	1597	66	ABS	Only for petrol engines (but check the note).	1. The engine control unit is in the engine compartment on the passenger side at the bulkhead between the engine compartment and occupant cell. The signal is at pin 3 of the black, 60 pin connector. 2. At the gear box there is a hall generator at the mechanical speedometer cable. The signal is at pin 3 of the first triangular, 3 pin connector at the right hand side of the cylinder head. The cable colour is brown/blue. 3. There is a big black connector (10x6x6cm) in the engine compartment between the air-filter and the spring. The white/blue cable has the signal.	White/violet.	General: the control unit for diesel engines does not need the speed pulse, but for some optional equipment (air conditioning, automatic transmission, etc.) there is a hall generator at the gear box. If there is any doubt look here first (2nd location).	OK
Ford	Mondeo	1998						In engine bay, plug from transmission sender	W/Bl		
Ford	Mondeo	95-96						Behind instrument cluster	W/Bl		
Ford	Mondeo (V6) Model 1997	1996		2544	125			1. Connector at original Ford OEM-Radio (7000RDS), cable color white green. 2. There is a distributor box above the fuse box. The middle one of 7 connectors (16 pin) carries the signal at a white/blue cable.	white/green or white/blue		OK

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Ford	Mondeo ST24							The speed pulse wire can be found at the radio position. The wire is in a Yellow connector with 3 wires in it. The white/green wire carries the speed pulse signal.	white/green		OK
Ford	Mondeo Tunier CLX	1993	1999	1796	85	ABS		In the engine compartment, under the brake fluid reservoir, at the left hand side, on the main wiring harness is a black 3 pin connector. The signal is at the pin with the white/blue cable.	White/blue.		OK
Ford	Mustang Mod. 95	1995		3800		AT		Passenger side kick panel. OR: At ECU	grey/black	Analog signal! Does not work with the PS-system. Signal amplifier required.	OK
Ford	Probe II	1991	1998	1991	85			The signal is provided at the instrument panel, behind the speedometer, at pin 1M of a white, 14 pin connector.	Green/red.		OK
Ford	Puma 1.7	1997		1679	92	ABS, AC	also valid for 1.4 l engine	At the gearbox, there is a 3-pin connector. One pin is +12 V, one is ground, one is the signal.	yellow/brown	mechanical speedometer	OK
Ford	Scorpio 1988 - 1993	1988	1993					1988 - 1990: electronic speedometer, yellow/red cable at speedometer carries the signal. 1990-1993: mechanical speedometer. From 1993: electronic speedometer, black/blue cable at speedometer has the signal.			OK
Ford	Scorpio Tunier	1993	?	1998	100	ABS		A triangular, 3 pin connector is available at the rear end of the gear box with the signal at pin 3.	Black/blue.		OK
Ford	Scorpio Tunier	1995	1997	1998	100	ABS	Only for cars with engine control unit.	In the front passenger side kickwell under the glove box at the left door post there is a grey, 76 pin engine control unit connector. The signal is at pin 58.	White/red.		OK
Ford	Sierra Tunier CLX	1988	1992	1954	74			In the engine compartment, on the passenger side, at the bulkhead, is a hall generator with a grey, 2 pin connector. Connect to the yellow/brown wire.	Yellow/brown.		OK
Ford	Taurus	1996						At instrument cluster-large white connector	Gy/Bk		
Ford	Telstar	94-96						At ECU	Gn/R		
Ford	TOURNEO	1994	1996	2496	51			No speed pulse!			NG
Ford	Transit before 1995		1995				Models before 1995	Hall generator has to be retro fitted. Ford Part-No. for generator is 07217009, for seal is 06152682 (generator and seal together is 1021992). Install near pinion at rear end of cardan-tunnel, leftside 3cm diameter cover. Connections: brown/black = +12V, brown = ground, yellow = speed pulse.	yellow		OK
Ford	Transit Diesel	1998						At the base of gear box	Y/Br		
Ford	Transit from 1995, Petrol	1995					Models from 1995	At controler-unit in glove-box there is a big connector. Pin 36 carries the signal.	white/blue		OK
Ford	Transit Model 1997	1997					Model 1997	Behind speedometer at pin 6.	white/blue		OK
Ford	Windstar	1995	1999	2986	109			Vehicle has mechanical speedometer. A hall generator from VDO-Kienzle has to be retro fitted.			OK
Ford	Windstar Mod. 99	1999	1999	2986	108			At Ford Radio there is a 7 pin connector. Pin 5 or pin 3 carries the signal (it depends on the direction you are counting from)	dark brown		OK
General Motors	Astro Van	1995		4300			not valid for every vehicle	Behind the instrument panel, there is the controler. On the back of the controler, there is a 9 pin connector. Pin 9 carries the signal.	bright blue/black		OK
General Motors	Buick Roadmaster, Caprice, Impala SS	1996		5733	164			Dark green/white cable at the radio connector or at the cruise control module on the left frontwheelwell, pin K.	dark green/white	Valid for Roadmaster, Caprice, Impala SS.	OK
General Motors	Corvette Mod.98	1997						Remove the right front wheel, then remove the left cover. Behind this cover there is a controller (approx. 20cmx15cm). Unscrew the multi pin connector. The red connector carries the signal at pin 55.	green/white	There are several green/white cables.	OK

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General Motors	Express, G-Van, Savana	1998						1. Dark green at cruise control module drivers side of engine compartment in a 10 pin connector pin K. 2. At the Powertrain Control Module, (behind centre of dash), Brown wire.			OK
General Motors	Truck/Coach	?	?	6364	12 7	ABS,AC		At the rear most part of the gear box, there are two black, 2 pin connectors. The signal is at the pin with a sky blue wire, in the first connector.	Sky-blue.		OK
General Motors	VAN Doure 2500							Behind the speedometer.	bright blue/black		OK
General Motors	Winnebago Mod. 1997			6463	12 9			Pin 28 at instrument cluster.	dark green		OK
General Motors	Yukon, Tahoe	1997	?	5700	14 4	ABS; AT; AC	Only for cars with automatic cruise control	In the engine compartment, at the driver side, at the top of the dash panel is the cruise control unit. Pin 6 (F) of the black 10 pin connector has the signal.	Dark green/white.		OK
HDPIC (Mitsubishi)	Galloper 2.5 TD & 3.0 V6	1998				ABS		Behind the instrument cluster there is a black and a white connector. The black one carries the signal at second pin from left side (looking facing the engine).	white/blue		OK
Holden	Apollo Early EFI							At ECU under carpet behind centre console	V/W		
Holden	Apollo Wide Body							At ECU behind glove box-TP connector	V/Y		
Holden	Astra	1997						R/H side kick trim, 9 pin connector, pin no. 2	BI/R		
Holden	Astra locally built							At transmission	Br		
Holden	Barina 1.6 litre	1998						At ECU L/H kick trim	R/BI or BI/R		
Holden	Barina JE							At ECU in passenger kick trim	R/BI		
Holden	Calibra 4/6 cyl	95-96						At back of instrument cluster in 16 pin connector	BI/R		
Holden	Camira JE							At ECU under passenger side dash; next to W/Blk wire	W		
Holden	Calais VE	2007						Wiring harness on left engine bank rocker cover. Remove plastic trim to reveal engine harness. Remove insulation tape to expose internal wiring	Green/black (spiral black)		
Holden	Commodore VN,VP,VQ							Behind radio panel	V/W		
Holden	Commodore VL							At ECU in passenger side kick trim-pin no.29	Bn/Y		
Holden	Commodore VR,VS							Above fuse box in connectors	V/WW		
Holden	Commodore VT							Under bonnet R/H side next to shock tower,3 connectors	V/W		
Holden	Commodore V8	1999, 2000						At engine bay drivers side firewall. Group of connectors	V/W		
Holden	Jackaroo	1998						At ECU behind centre console	W/BI		
Holden	Jackaroo 2.8 ltr							Under dash on drivers side above bonnet release	LtGn/Y		
Holden	Jackaroo 3.2ltr	1995						At ECU behind centre console	Blk/W		
Holden	Jackaroo Diesel 3L Turbo	1998						L/H side kick trim, white plug	LtGr/W		
Holden	Jackaroo Petrol	1990						In factory cruise connections behind glove box	BI/W		
Holden	Jackaroo Turbo Diesel	95-96						At instrument cluster only	W/Blk		
Holden	Nova	1995						At ECU behind centre console in 16 pin	V/W		
Holden	Nova Early EFI							At ECU under carpet behind centre console	V/W		
Holden	Rodeo	94-95						At ECU in 22 pin connector-pin no.5	W/Gn		
Holden	Rodeo Diesel	1995						Behind instrument cluster	Blk/R		
Holden	Rodeo Petrol V6	1998						At ECU on top of engine -pin no. 32 bottom row L/H side	W		
Holden	Rodeo Turbo Diesel	1998						R/H side under cluster	W		

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Holden	Vectra	1997						Behind fuse panel in main harness coming from cluster	BI/R		
Holden	Viva - Manual	2005						At manual transmission	Green/white		
Honda	Accord	Pre 93						In engine bay on L/H strut tower in grey connector	O		
Honda	Accord	93-96						In 14 pin connector on R/H strut tower	O		
Honda	Accord Euro	2004						ECU behind passenger side kick panel, grey plug closest to firewall	Black/blue.		
Honda	Accord	1991	1996	1997	96	ABS		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the driver side, on the gear box.	White/blue		OK
Honda	Accord 2.0i ES	1993	1996	1997	96			At the gearbox in the engine compartment there is a 3 pin connector. One cable is +12 V, one is ground and one is the speedpulse with the cable colour white blue.	white/blue		OK
Honda	Accord EXi 2.0	1988	1991	1932	85	ABS mech.		No speed pulse signal!			NG
Honda	Civic	1991	?	1396	66			The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the driver side, on the gear box.	Blue/white.		OK
Honda	Civic	92-96						At transmission on drivers side in 3pin connector	B/W		
Honda	Civic	1996						Light blue connector under dash to right of steering column	BI/W		
Honda	Civic 1.6i Mod.96			1600		AT		Passenger side kick panel.	blue/white		OK
Honda	CRV	1997						Light blue connector under dash to right of steering column	B/W		
Honda	CR-V 2.0	1997	1999	1973	94	ABS, AT		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the gearbox.	Blue/white.		OK
Honda	CRV	2002						Blue wire on three pin connector under air cleaner. Loom comes from transmission box	Blue wire		
Honda	CRX	1992	1998	1590	92	ABS		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the driver side, on the gear box.	Yellow/white.		OK
Honda	Integra	90-93						In 24 pin connector above fuse box, pin 23	Y/R		
Honda	Integra	93-96						In grey connector above fuse panel	O		
Honda	Integra	1997						In grey 20 pin connector next to fuse panel	BI/W		
Honda	Legend 3.5i V6	1996	1999	3474	15 1			1. There are several connectors in the engine compartment at the passengers side. One of these connectors has a blue/white cable which carries the signal. 2. At the ECM in footwell of driver. Same cable colour.	blue/white		OK
Honda	Legend Model 1992							Behind the speedometer there is a 20 pin connector. 3rd pin from left carries the signal. Caution: there are 2 cables with the same colour!	yellow/red		OK
Honda	Odyssey							In multi pin connector R/H side shocker tower	O		
Honda	Odyssey Mod.95					ABS, AT		At the ECU in the passenger side footwell. OR: Cruise control computer in the center console.	orange	Be careful when tapping into the speedpulse line on the ECU. There are 2 orange wires on the 16 pin plug. Look for the larger gauge orange wire or the orange wire with the red dots.	OK
Honda	Odyssey	2003						Behind instrument cluster, green connector	White/black		
Honda	Prelude	1992	1996	1997	98	ABS		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the driver side, on the gear box.	Orange.		OK
Honda	Prelude	95-96						At ECU under passenger carpet	O		
Honda	Prelude 2.2i VTEC	1997	1999	2157	13 6	ABS, AC		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the gearbox.	Blue/white.		OK

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Honda	Shuttle	1995	1998	2156	110	ABS, AT		The speed pulse signal is at the outside pin of a grey, 3 pin connector. This connector is in the engine compartment on the driver side, on the gear box.	Orange.		OK
Hyundai	Accent GSI	1997						The speed pulse signal can be found at the back of the instrument cluster, at the left of the steering column at a blue 22 pin connector and also at a white 18 pin connector next to the relay box. The colour in all cases is Yellow/white.	yellow/white		OK
Hyundai	Coupe FX	1996	?			ABS		In the middle of the engine compartment, behind the engine block, at the gear box is a black 3 pin connector. The signal is on the yellow/white wire.	Yellow/white.		OK
Hyundai	Coupe SX	1996						At ECU above R/H kick trim	Y/W		
Hyundai	Coupe SX	97-98						At data link connector , below dash between console and steering column	Y/W		
Hyundai	Excel	93-96						At ECU under R/H side dash, pin no. 9	Gr/W		
Hyundai	Excel	1998						At diagnostic plug above dash light dimmer, R/H side of ignition	Y/W		
Hyundai	Granduer	2000						Behind Fuse panel	Brown (thin cable)		
Hyundai	Lantra	1994	1998					From 1994: At Speedometer, the yellow/white cable carries the signal. From 1997: The hall generator is in the speedometer. Pin 4 of the right hand side (looking facing the engine) connector at the speedometer carries the signal.	see location		OK
Hyundai	Lantra	97-98						At diagnostic plug below steering column under dash	Y/W		
Hyundai	Lantra	93-94						At ECU under R/H side dash, pin no. 22	Y/W		
Hyundai	Lantra	2003						At service module	Grey/orange		
Hyundai	Sonata	93-95						At ECU in passenger side kick trim	Y/W		
Hyundai	Sonata	97-98						At diagnostic plug below fuse box	Y/W		
Hyundai	Sonata	1998						At diagnostic plug L/H side of steering column	Bn		
Hyundai	Sonata GLS 16V	1993	1996	1997	10 2	ABS		In the middle of the engine compartment, behind the engine block at the gearbox, is a black 3 pin connector. The yellow/white cable is the speed pulse signal.	Yellow/white.		OK
Hyundai	Sonata V6	1992						At ECU L/H kick trim terminal 19	Y/W		
Hyundai	Sonata V6	93-97						At ECU in L/H side kick trim	Y/Bn		
Hyundai	Sonata V6	96-97						At ECU in passenger kick trim	Y/W		
Infinity	J-30	1995				ABS, AT		Behind the instrument cluster. OR: Drivers kick panel below fuse box.	yellow/blue		OK
Infinity	G-20	1995				ABS, AT		Behind instrument cluser. OR: Engine control module in centre console.	yellow/green		OK
Infinity	I-30	1995				ABS, AT		At cluster. OR: Cruise control module to the right of the steering column.	purple/blue		OK
Infinity	Q45	1995				ABS, AT		In back of instrument cluster.	yellow/green		OK
Isuzi Truck	6 Tonne	1999						Behind instrument cluster, 5 way connector, pin 5	Pink wire		
Isuzu	550	2005						Behind instrument cluster	Pink wire		
Iveco	35-10	1997	?	2800	76			Inside the instrument compartment in a 5 Pin white connector, at the central Pin. The cable contained the number n° 5517 and the colour is orange.	Orange.	The cable colour can change. Please look for the cable number 5517.	OK
Iveco	Daily	1997	?	2800	90	ABS		At the driver side door post over the fuse box is a black converter box. The signal is at pin 1 of the white 8 pin connector. The cable has the number 5517.	Orange.	The cable colour can change. Please look for the cable number 5517.	OK

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Jaguar	Daimler Double Six	1988	1992	5307	19 4		also valid for Type Key 300 (without Kat)	1. Behind the speedometer there is a 7 pin connector, the upper pin, pin 1, carries the signal. Cable colour yellow. 2. At speedometer there is a 48 pin connector, pin 2 carries the signal, cable colour blue (pin1 empty) 3. At the gearbox there is a 2 pin connector. The yellow/black cable carries the signal.	see location	How to remove the speedometer: Turn the instrument 180° to the right, then press down, then turn 20° to the left, then pull out.	OK
Jaguar	Sovereign 4.0	1994	1997	3980	17 7	ABS, AT, AC		The signal is at pin 1 of a loose, yellow, 8 pin connector, located in the centre console at the same height as the glove box.	Blue.		OK
Jaguar	X Type 2.0L/2.5L/3.0L	2002/03						At Transmission control module behind passenger side kick panel	Brown/White. Has Shield or heat shrink around wire		
Jaguar	S-Type 3.0 V6 & 4.0 V8	1999						Definitely no speedpulse available. Vehicle has a BUS system. Easiest way would be to install a Hall generator from VDO at the cardan shaft.	-		OK
Jaguar	XJ 40		1995					Remove the cover below the speedometer. There are 2 connectors. The bigger one carries the signal at Pin 2	blue		OK
Jaguar	XJ12 6.0	1994	1996	5993	22 9			There is a GR-controller unit 12 V (GA 006 370-00) at the blackbox below the glovebox-cover. The 20 pin connector carries the signal at pin 6.	blue		OK
Jaguar	XJ6	1985						Behind speedo head	Y		
Jaguar	XJ8	1997	1998	3248	17 4			At the rear drivers side heel board (under the rear seat) , there is a 14 way connector. The speed pulse is blue/white wire at pin 5.	blue/white		OK
Jaguar	XJR	1997	1998	3996	26 7			You can find the signal behind the dashboard at connector FC 25, pin 4 (cable colour: orange/black) or pin 5 (blue/black) or pin 6 (orange/black). It's also possible to find the signal at the radio connector at pin 20, cable colour blue/white.	see location		OK
Jaguar	XJS 4.0 Coupe	1994	1996	3980	17 1	ABS, AT, AC		In the centre console, at the front passenger side behind the air distribution duct there is a loose, black, 6 pin connector. The signal is at pin 2.	White/yellow.		OK
Jaguar	XJS-V12							You can find the signal at the board computer above the radio. There are two 3 pin connectors. The connector with the yellow cable carries the signal.	yellow		OK
Jaguar	XK8	1996	1998	3996	20 9	ABS, AUTO		At the rear of the centre console there is a 20 pin yellow connector. The Speed Pulse wire is blue/white at pin 11	blue/white	Speed Pulse should not to be taken at the radio harness as it will invalidate warranty of the vehicle.	OK
Jeep	Cherokee	1994						At ECU below glove box - pin no.3	W/O		
KIA	Clarus	1996						Behind the instrument panel, at connector 2A.	green/red		OK
KIA	Mentor	1998						At transmission	P		
KIA	Pregio	2004				Mini Truck		Behind instrument cluster	Black/blue		
KIA	Sorrento	2002/03						At 20 way connector behind instrument cluster, pin 9 is the input to cluster from hall sender (Blue/Black) . Output from cluster on 20 way connector, pin 20 (Brown)			
KIA	Sportage							Behind the instrument panel, the blue/black cable carries the signal. OR: Below the radio in the centre console, right hand side, there is a block of approx. 4 distributor connectors. Same cable colour. OR: In the passengers footwell, there is a engine controller (inscription Mototronic) at the 'A' post. The blue/green cable carries the signal.	blue/black or blue/green		OK
KIA	Sportage	97-98						At ECU under passenger mat in connector to right of ECU	Bl/Gn		

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Lamborghini	Diablo						valid for all models	Under the dashboard, behind the instrument panel, there is a black box "GFA" (screwed with 3 bolts). To access, you only have to remove the instrument panel. The speedpulse is at the 17 pin connector at pin 17 (input from the sensor), or better at the 13 pin connector at pin 10, black/red wire (output to the speedometer).	black/red	MY 99: If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
Lamborghini	Diabolo Roadster	1996	?			ABS		Behind the speedometer is a white, 9 pin connector. Pin 1 has the signal.	Black/red.		OK
Lancia	Dedra	1994	1996	1998	66		valid for all models in this series with an electronic speedometer or a trip computer.	In the engine compartment towards the bulkhead, there is a black or grey 3 pin connector at the connection between transmission and speedometer cable. The speed pulse signal can be found at the centre pin.	Sky blue.		OK
Lancia	Dedra 2.0 turbos LE	1991	1993	1929	66		Only for models with air conditioning.	The white, 6 pin connector with the speed pulse signal at pin 5 is behind the air conditioning control panel.	Sky blue.		OK
Lancia	Delta	1991	1996	1995	10 2	ABS		The black, 8 pin connector with the speed pulse signal at pin 7, is behind the instrument panel at the rear of the speedometer.	Sky-blue.		OK
Lancia	Delta 1.9 TDS	1994	1996	1929	66			The black, 8 pin connector with the speed pulse signal at pin 7, is behind the instrument panel.	Sky blue.		OK
Lancia	Delta HPE 2.0 HF	1995	1996	1995	13 7	ABS		The black, 8 pin connector with the speed pulse signal at pin 7, is behind the instrument panel.	Sky blue.		OK
Lancia	Kappa	1995	1998	2400	12 9	ABS		The black, longish, 20 pin connector with the speed pulse signal at pin 14 is behind the instrument panel at the rear of the speedometer	Yellow/black.		OK
Lancia	Kappa - Model from 1998	1998		1998	114	ABS	valid for all Kappa-Models from 1998	In the relay compartment on the right of trunk there is 6 pin white connector. Pin 4, cable colour brown/green, carries the signal.	brown/green	In the rare case of unavailability of the described connector, pick up the signal from pin16 of the connector at the back of the speedometer. Do NOT take pin 14. Pin 16 has NO wire connected. Add a wire.	OK
Lancia	Kappa 2.0	1995	1996	1995	10 7	ABS		The black, 20 pin connector with the speed pulse signal at pin 14, is behind the instrument panel.	Yellow/black.	With automatic transmission, there are two different black connectors. The signal is always in the right hand connector (viewing from the seat) at pin 14.	OK
Lancia	Thema 16V LE	1992	1993	1995	112			Behind the instrument panel is a black, 8 pin connector, with the signal at pin 6.	Brown.	There are two different speedometers. One has a black, 8 pin connector, with the signal at pin 6, the other has a brown connector, with the signal at pin 1.	OK
Lancia	Thema 16V LX	1991	1992	1995	13 0	ABS	All LX models.	The white, 5 pin connector with the speed pulse signal at pin 1, is behind the instrument panel.	Brown.		OK
Lancia	Y 1.4	1996		1370	59			The white, 20 pin connector with the speed pulse signal at pin 16, is behind the instrument panel.	Sky blue/white.		OK
Lancia	Zeta	1995	1996	1998	10 8	ABS		The green, 9 pin connector with the speed pulse signal at pin 1 is behind the instrument panel close to the speedometer.	Green.		OK
Land Rover	Discovery	1994						Behind instrument cluster	Y/W		
Land Rover	Discovery	1995						In big red connector coming down from instrument cluster	Y/P		
Land Rover	Discovery	2000						Behind instrument cluster	Pink/Green		
Land Rover	Discovery Turbo Diesel	1996						Next to steering column -big red connector	Y/P		
Lotus	Elan							Behind the instrument panel, there is a connector with the inscription B40. The black/yellow cable carries the signal.	black/yellow	The mechanical speedometer produces the signal in the instrument panel.	OK
Lotus	Elise							The speed pulse wire at the rear of the instrument cluster. The colour of the wire is Orange/grey and is at Pin A5.	orange/grey	LOTUS have confirmed that the speed signal for the Elise is 0.5V HIGH and 0.29V LO, +/- 0.05V. The peak to peak voltage is too low for our system. A signal amplifier is needed.	NG
Lotus	Espirit							The speed pulse wire is at the rear of the instrument cluster. The colour of the wire is Orange/brown.	orange/brown		OK

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MAN	MAN semitrailers						Semitrailer, articulated lorries, but not 2000 series	There is a white cable, inscription no. 16500 or 605, at the speedometer. OR: There is a big controller in the fuse box. Down to the right, there is a white cable, no. 16500 or 605.	white	Behind the speedometer there is always a imprinted wiring diagram. The speed signal's voltage is 24V.	OK
MAN	Trucks							At the tachograph, there is the connector B2. The black/white cable with the inscription ??56?? carries the signal.	black/white	Behind the speedometer there is always a imprinted wiring diagram. The speed signal's voltage is 24V.	OK
Maserati	3200 GT	1999						ISO-Connector of radio, chamber 3, pin 1.	red/black		OK
Mazda	3	2003						Instrument Cluster right side, white connector, position 5	Wh/Bl or Wh		
Mazda	121	93-94						At ECU above accelerator pedal in yellow connector-pin no. 7	Gn/R		
Mazda	121	95-96						At ECU above accelerator pedal in yellow connector-pin no. 7	Gn/R		
Mazda	323	1994						At ECU behind console in connector closest to driver side	Gn/R		
Mazda	626	92-96						Behind instrument cluster	Gn/R		
Mazda	626	1998						Behind instrument cluster , R/H side plug, white	Gy		
Mazda	929	91-92						At transmission control unit under passenger side feet	Gn/R		
Mazda	121 Metro	1997						At ECU above accelerator, bottom plug pin 7	Gn/R		
Mazda	323	1991	1994	1598	65			A black 12 Pin connector with the signal at pin 1 is located at the instrument panel. Even if there is no cable, the signal is still present.	Green/red.	If there is no cable connected at Pin 1, the speed pulse is present nevertheless.	OK
Mazda	323	1994	1997	1489	65			In the driver side kickwell in the distribution box at the door post, there is a green, 26 pin connector. The signal is at pin 2.	Green/red.		OK
Mazda	323 Astina	96-97						Large green plug above fuse box, under R/H side of dash	Dk/Gn/R		
Mazda	323 Astina V6	94-95						L/H side of console in min loom to ECU	Gn/R		
Mazda	323 Mod.99	1997						At the backside of the instrument cluster, there is a 20 pin connector, Pin 4 carries the signal.	grey/white		OK
Mazda	323EFI	93-94						Behind instrument cluster	Gn/R		
Mazda	323P 2.0	1997	?	1998	52	ABS		The engine control unit is located in the centre console, on the transmission tunnel. The signal is at pin 4 of the green 16 pin connector.	Green/red.		OK
Mazda	6	2006						Audio connector	Green/red		
Mazda	626	1991	1997	1991	85			The signal can be found at pin 6 of a white 14 pin connector at the instrument panel, behind the speedometer.	Green/red.		OK
Mazda	626					ABS, AT	valid for 94 and 97 model	Back of instrument cluster.	green/red		OK
Mazda	626 2.0, Mod. 97			2000	92			At the rear of the instrument cluster, there are 3 connectors. The white centre one carries the signal. Pull off the connector, look at the contacts: upper row, second pin from left.	green/red		OK
Mazda	929 Model 1995					ABS, AT		1. At the cruise control in drivers kick panel. 2. Behind instrument cluster.	green/red	It is not recommended to try disassembling the instrument cluster. The easiest location is to tap into the sensor wires is at the drivers kick panel.	OK
Mazda	Astina	1998						At transmission signal generator middle wire in 3 plug	O		
mazda	Astina 323 SP20	2001						Behind instrument cluster or under steering coloum connector	green/red		
Mazda	Bravo Dual-Cab	2002				Diesel		Speed sensor wires on transmission	Blue	Blue/White is signal return (-)	
Mazda	B2600 4WD	1997						At ECU in driver side kick trim- in connector closest to driver	Dk/Gn/R		
Mazda	Eunos	Pre 93						At ECU behind console-lowest connector	Blk/W		
Mazda	Eunos	93-95						At ECU behind console passenger side	V/R		
Mazda	Eunos 30X	1994						Transmission control unit above brake pedal	V/R		
Mazda	Malinia	1995				ABS, AT		Behind instrument cluster	green/red		OK
Mazda	Metro							At diagnostic connector	Blk/W		
Mazda	MPV							At ECU on passenger side - in 22 pin connector	Gn/R		
Mazda	MPV 2.5 TD	1996		2499	85		not valid for petrol-engine	In the rear of speedometer, a screw (marked: REED SW) has to be connected.	--		OK

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Mazda	MPV 3.0i V6	1994		2954	10 9	ABS, AT	not valid for Diesel-engine	Behind the instrument panel there is 14 pin connector. Pin 1G, cable colour green/red carries the signal.	green/red	2nd location: At ECM behind passenger footwell.	OK
Mazda	MX-3	1994	1998	1598	79	ABS		The engine control unit is located in the centre console, on the transmission tunnel. The signal is at pin 5 of the yellow 22 pin connector.	Violet/red.		OK
Mazda	MX-3	1991	1994	1598	65			The engine control unit is located in the centre console, on the transmission tunnel. The pulse is at pin 7 of the yellow, 26 pin connector.	Black/white.		OK
Mazda	MX-5	1994	1997	1598	66			The signal is at pin 3 of a blue, 16 pin connector, under the steering column.	Green/red.		OK
Mazda	MX-5	1994						At ECU	Gn/R		
Mazda	MX-5	1998	?	1598	81	ABS		At the front passenger side, in the foot well, under the foot rest is the engine control unit. The signal located at pin 2 of a green, 16 pin connector.	White/black.		OK
Mazda	MX-5 16V, 1.6i & 1.9i	1998					valid for Type NB	At the backside of the instrument cluster, down right hand side, there is a black connector, Pin 4 or 3 carries the signal.	white/black	NEVER take the signal from the engine control unit (ECU)	OK
Mazda	MX-5 Auto	1998						Behind instrument cluster R/H plug	Bl		
Mazda	MX-5 Manual	1998						Behind instrument cluster, R/H plug	O		
Mazda	MX-6	1992	1997	1991	85			The speed pulse signal is available at pin 6 of a white 14 pin connector at the instrument panel, behind the speedometer.	Green/red.		OK
Mazda	MX-6	93-95						At ECU behind console in 22 pin connector-pin no. 7	Gn/R		
Mazda	Protégé	96-97						Under driver side dash above fuse panel	Gn/R		
Mazda	Protégé	1997						Large green plug, above fuse box under R/H side of dash	Dk/Gn/R		
Mazda	Protégé	1998						At transmission signal generator middle wire in 3 plug	Y/R		
Mazda	RX-6	2005						Connector behind audio unit	Green/red		OK
Mazda	RX-7	93-94						In 20 pin connector above clutch pedal	Gn/R		
Mazda	RX-7 Turbo	1992	1996	1307	17 6	ABS		High on drivers kick panel at cruise control brain.	brown		OK
Mazda	RX-8	2005						Connector behind audio unit	Green/red		OK
Mazda	Xedos 6	1992	?	1598	79	ABS		The white, 12 pin connector has the speed pulse signal at pin 2 and is above the fuse box on the driver side at the door post.	Green/red.		OK
Mazda	Xedos 9	1993	1998	2497	12 3	ABS, AT, AC		The speed pulse signal is located at pin 3 of the green connector at the fuse box in the driver kickwell, at the door post.	Green/red.		OK
MCC-Smart	Smart	1998		599	40	ABS		There is no speedpulse. A hall generator can be installed at the right or left rear wheel. (VDO-Kienzle no. for generator only: 06004.010003). Installation kit to order at: Kienzle Rheinapp GmbH, Alexanderstr. 37-39, 45472 Mühlheim an der Ruhr, Germany, Phone +49 208 495050, FAX +49 208 49505353.	-	At the right or left rear wheel, opposite to the ABS sensor there is a hole. Pull through the threaded pin of the speedpulse sensor. Install the two washers on both ends of the hole. Use a screw-glue (important!), e.g. LOCTITE. The distance between the sensor and the toothed wheel rim must not be more than 0,5 mm. It is important to use a resistor of 1,2 kilo ohms between ground and speed-signal. Install the cable along the ABS cable, along the fuel tank to the battery. At the battery is the entrance to the passenger compartment.	OK
Mercedes	190E	1987						Behind instrument cluster	G/Y		
Mercedes	C 280 Mod.94			2800		ABS, AT		At the radio connector.	green/white		OK
Mercedes	E200 Compressor							At ISO-Radio connector	green/black	If the car is prepared for a BECKER Radio, the speed pulse cable is fastened back to the harness.	OK
Mercedes	ML320	juni-99						No speed pulse available. As per phone call to Mercedes Technical. Must use an external type speed signal generator			

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Mercedes	M Klasse	1998	09/99				Valid for vehicles produced BEFORE product code MY00.	The M-Class has a CAN-bus. An adaptor is needed. The following parts are required: 1. No.B6 782 25 19, CAN-Adaptor. 2. No.B6 782 25 96, CAN-Adaptor cable. 3. No.B6 782 25 94, Vehicle adaptor cable.	white AND green	The adaptor has to be connected to the 2 cables of the data bus. They are marked with N78. The cable colours are white and green. These cables are located between the driver's and passenger's seats.	ok
Mercedes	ML500 4WD	2000/2001						Behind radio Power ISO plug A1 terminal	blue wire		
Mercedes	ML270	2002						Behind radio Power ISO plug	blue wire		
Mercedes	Vito CDI Mod. 3/99							The signal comes out of the instrument cluster, Connector 2, Pin 4 carries the signal. Pin 4 is not connected, it has to be connected.		Valid for MAGNETI MARELLI instrument clusters.	OK
Mercedes Benz	220 E	1991	1995	2199	110	ABS, AT	Models of this series only have a speed pulse signal if they are equipped with cruise control and/or outdoor temperature display.	The location is in a black, single pin connector at the rear of the speedometer.	Green/yellow.	There are different cable colours at this location green/black, green/yellow or yellow/green. The addition of a hall generator at the speedometer is possible. (Mercedes Benz order number: 0075422917)	NG
Mercedes Benz	230 E	1995	1997	2295	110	ABS, AT, AC		Behind the instrument panel on the left side (looking from the seat) is a black connector. The green/white cable carries the signal. It may be available at the ISO radio connector also.	Green/white.	If the car is prepared for a BECKER Radio, the speed pulse cable is fastened back to the harness.	OK
Mercedes Benz	230 E	1995	1997	2295	110	ABS, AT, AC		All models of this series have preparation for a radio pre-installed by the manufacturer, with the speed pulse at the radio connector.	grey/black.	If there is preparation for a BECKER Radio, the speed pulse cable is fastened back to the wiring harness.	OK
Mercedes Benz	300E	1991	1995	2932	132	ABS, AT, AC	The models of this series only have a speed pulse signal, if they are equipped with cruise control and/or outdoor temperature display.	There is a black, one pin connector with the speed pulse signal at the rear of the speedometer.	Green/yellow.	There are different cable colours at this location green/black, green/yellow or yellow/green. The addition of a hall generator at the speedometer is possible. (Mercedes Benz order number: 0075422917)	OK
Mercedes Benz	320 S	1991	1998	3199	170	ABS, AT, AC		All models of this series have a radio-preparation pre-installed by the manufacturer with the speed pulse at the radio connector. Location: Driver's footwell at center console. There are 3 connectors. The back one with 6 pins carries the signal.	Green/black.		OK
Mercedes Benz	380SEC	1980						Behind instrument cluster	W		
Mercedes Benz	500SEL	1992						Behind instrument cluster	Gn/Blk		
Mercedes Benz	C 180	1993	1997	1799	90	ABS		In all models of this series the location of the speed pulse is in the front of the wire tray, near the front right hand side door post. It may also be available at the ISO radio connector.	Green/white.	If a radio preparation is pre-installed by manufacturer, all models of this series have the signal at pin 1 of chamber 3 of the ISO-connector. If there is another connector (Becker connector) the wire with speed pulse signal is bound back at the wiring harness to the ignition branch. The cable colour at this location is green/black.	OK
Mercedes Benz	C 220	1993	1996	2199	110	ABS, AT		Behind the instrument panel at the speedometer is a black, 20 pin connector. The signal is at pin D 2. It may be available at the ISO radio connector also.	Green/white.	If a radio is pre-installed by manufacturer, all models of this series have the signal at pin 1 of chamber 3 of the ISO connector chamber. If there is another connector (Becker connector) the wire with speed pulse signal is bound back to the ignition branch at the wiring harness. The cable at this location is green/black.	OK
Mercedes Benz	C 220	1993	1996	2199	110	ABS, AT		Below the right door post in the front, a connection plate is available. It may also be available at the ISO radio connector.	Green/white.	If a radio preparation is pre-installed by manufacturer, all models of this series have the signal at pin 1 of chamber 3 of the ISO-connector. If there is another connector (Becker connector) the wire with speed pulse signal is bound back at the wiring harness to the ignition branch. The cable colour at this location is green/black.	OK

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Mercedes Benz	C180	1994						Behind instrument cluster	Gn/Y		
Mercedes Benz	C180	1995						Behind instrument cluster	Gn/W		
Mercedes Benz	C200	1996						Behind instrument cluster	Gn/W		
Mercedes Benz	C240	1997						Rear of Radio	Green/violet.		
Mercedes Benz	CLK 200 - CLK 430	1999						In the passenger's footwell there are 2 green/black cables connected together with a clamp. These cables carry the signal. OR: driver's side, under scuff plate (sill), there are two cables, colour blue-grey (not exactly blue, but more bluegrey). One of them carries the signal.	green/black		OK
Mercedes Benz	New S-Class	1998						At ESP module in the engine compartment. See new E-Class, Mod. 99		CAN-BUS!	OK
Mercedes Benz		1991	1995	2548	118	ABS,AT	Models of this series only have a speed pulse signal if they are equipped with cruise control and/or outdoor temperature display.	Behind the speedometer is a single pin, black connector.	Green/yellow.	There are different cable colours at this location green/black, green/yellow or yellow/green. The addition of a hall generator at the speedometer is possible. (Mercedes Benz order number: 0075422917)	OK
Mercedes-Benz	212 D Sprinter	1995	?	2874	90	ABS	Only valid for vehicles WITH tachograph.	The blue/black cable behind the speedometer carries the signal.	Blue/black.		OK
Mercedes-Benz	212 D Sprinter	1996	?	2874	90	ABS	Only valid for vehicles WITHOUT tachograph.	There is a black 9 pin connector behind the speedometer. The blue/black cable carries the signal.	blue/black.	At some vehicles, pin 9 is not connected. It has to be connected with a special contact pin. The rectangular signal comes out of the combi-instrument-case.	OK
Mercedes-Benz	260 SE	1988	1991	2597	12 2	ABS, AT		The speed pulse signal is at pin 2 of a black, 8 pin connector located behind the instrument panel at the rear of the speedometer.	White.		OK
Mercedes-Benz	300 S	1988	1991	2717	13 6	AT		Behind the speedometer is a black, 8 Pin connector. Use the pin connected to a white wire.	White.		OK
Mercedes-Benz	A 140 - A 170	1997					valid for all A-Klasse	Standard equipped with GAL at radio connector. Chamber A, pin 1 carries the signal.	?		OK
Mercedes-Benz	Actros							You can find the PSM-unit in the fusebox. It's the 4th controller-unit from the top. The left 18 pin connector (X1) at pin 8 carries the signal.	?	If no PSM-unit exists, it can be retro fitted.	OK
Mercedes-Benz	C, E, CLK Mod.99	1999						The speed pulse can be found on the small connector of the ETS black box (usual position in the engine compartment) at pin n°3 wire colour Black/Green, the signal can be found also inside the car in the loom plastic compartment under the passenger carpet, wire Black/Green diam. 1mm.	black/green		OK
Mercedes-Benz	CLK 230 Kompressor	1997	?	2295	14 2	ABS, AT, AC		At the radio connector (ISO) use pin 1 in chamber 3.	Green/violet.		OK
Mercedes-Benz	E240 (E200 - 430, Mod.99)	1999		2398	12 5	ABS, AC		In the engine compartment, left hand side, near the windscreen, there is a black box (with airconditioning sticker on it). Remove the cover. At the ESP- Module (or ASR-Module), there are 2 big connectors and 1 small one. The left one carries the signal at pin 1.	green/white	The signal can be found too, in the passenger's footwell (left hand drive vehicle): green/white cable (in harness with green double-cable) behind toeboard. OR: 2 lone green/black cables, soldered together at their ends, behind vertical cover of passenger's footwell, right hand side.	OK
Mercedes-Benz	G 300	1990						In the driver's footwell, above the lever for the bonnet, there is a 3 pin connector with the cable colours black, brown and grey/green. The grey/green cable carries the signal.	grey/green		OK
Mercedes-Benz	G 300 D	1996	1997	2996	13 0		valid for Diesel & Petrol engines	In the engine compartment, passenger's side, below the big cover, at splash wall, you can find the ABS-controler. Pin 5 carries the signal.	grey/green		OK

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Mercedes-Benz	G 500	1993		4966	40 4			At the speedometer there are 3 cables: green/yellow, black/blue and brown. The green/yellow one carries the signal.	green/yellow		OK
Mercedes-Benz	G-Class						Valid for models with display of exterior temperature	Vehicles with display of exterior temperature: Rear of speedometer, lower part, there is a green/white cable carrying the signal	green/white		OK
Mercedes-Benz	MB 814 Mod. 1996	1996						There is a speedometer with tachograph without any connector. A cable with 4 cores goes into the speedometer. It comes out of a metallic hose.	white		OK
Mercedes-Benz	MB 814 LKW							All models are equipped with VDO-Kienzle tachograph. At these tachographs, there are type designations: 1311-37=mechanical tachograph, 1311-27=mechanical tachograph with speedpulse signal at exit C pin 3, 1314=electronic tachograph with speedpulse signal at pin C3, 1318=electronic tachograph with speedpulse at pin B4	--		OK
Mercedes-Benz	M-Class	09/1999					Valid for models with modified ESP-module.	Remove cover of fusebox. Remove the 5 torx screws of ESP-module cover. Remove cover. Pin 1 of the flat 30 pin connector carries the signal.	?	Model-code starting MY00	OK
Mercedes-Benz	Roadster SL 320	1996	1998	3199	17 0	ABS; AT; AC		The speed pulse signal is at pin 1 in chamber 3 of the ISO radio connector in the centre console.	Green/black.		OK
Mercedes-Benz	S 420	1993	1998	4196	20 5			At the ISO radio connector.	black/yellow/red dots		OK
Mercedes-Benz	SL 600	1993	1995	5987	29 0			At the back of the instrument cluster there are 2 round and 2 angular connectors. The left, round one (no.1) carries the signal at pin 9.	green/black	If radio connector (ISO) is available (Models from 1994) please use Pin 1 in chamber 3	OK
Mercedes-Benz	SLK 230	1996	?	2295	14 2	ABS; AT; AC		In the centre console, behind the radio is a black, 8 Pin connector. Pin 1 has the signal.	Green/white.	If radio connector (ISO) is available please use Pin 1 in chamber 3. Or: The cable is fixed back at the harness to the radio.	OK
Mercedes-Benz	V-Class	1996	1999	2299	72	ABS		At the combi-instrument, the signal is at connector 1, pin 2.	green/white or grey/red	Also valid for type key no. 309 and 308 (2295cc and 2792cc)	OK
Mercedes-Benz	V-Class & Vito	1996	?				valid for all models	At the rear of the instrument cluster: 1. latest version (1999) has a "magneti marelli" instrument cluster: White connector no. 2, pin 4 carries the signal. OR: 2. Older version: Connector no. 1, pin 9 carries the signal.		This signal is an outcoming signal (out of the instrument cluster): maybe there is no plug connection (pin is free), then you will have to insert a contact.	OK
Mercedes-Benz	Vito LKW	1996	1999	2299	58	ABS		There is a black 12 pin connector behind the speedometer. Connector 1, pin 9, blue/black cable, carries the signal.	blue/black	At some vehicles pin 9 is not connected. It has to be connected with a special contact pin. The rectangular signal comes out of the instrument cluster.	OK
Mercedes-Benz	Vito	2001	2002					VDO cluster black connector pin 9. Magnet Merrelli type plug 2 pin 4. There is no wire in pin 4 hole. Merc # 0085455526 \$4.50	blue/black		
MG	MGF							Clear multi pin connector on R/H side of steering column	Y/Gn		
Mitsubishi	380	2005/2006		3800				3 way connector under battery (transmission)	Green/yellow		
Mitsubishi	3000GT	1992	1995	2972	21 0	ABS		Behind instrument cluster. Or behind Radio in the centre console (ECM).	yellow/white	The SRS light lit up after the instrument cluster was reinstalled, so it is recommended tapping onto the speed pulse line behind the radio. The SRS light will light up if the instrument cluster is removed with the key on. If any other warning lights appear cycle the ignition on and off about 20 times to reset.	OK
Mitsubishi	Carisma	1996	1999	1597	66	ABS		At the left hand side of the glove box is a white/grey, 18 pin connector. Pin 11 is the speed pulse signal.	Orange.		OK
Mitsubishi	Challenger	1998						At diagnostic plug behind bonnet release lever	Y/W		
Mitsubishi	Colt	1995	1996	1298	55	AT		At the left hand side of the glove box is a white, 13 pin connector. Pin 12 is the speed pulse signal.	Yellow.		OK
Mitsubishi	Diamonte	1995				ABS, AT		Behind lower dash panel high in the drivers kick panel. OR: Instrument cluster	yellow/white		OK

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Mitsubishi	Eclipse 2000	1995	1996	1997	10 7	ABS, AT		Behind the instrument cluster. Or: ECU behind the radio.	yellow/white	The easiest place to tap onto both the speedpulse is behind the instrument cluster. It is important to make sure that the key is not in the on position when removing the instrument cluster.	OK
Mitsubishi	Eclipson	1995	1996	1997	10 7			At the driver side, in the kickwell, at the fuse box is a black, 16 pin diagnostic connector. The speed pulse signal is at pin 14.	Yellow/white.		OK
Mitsubishi	Expo	1995				ABS, AT		Above left of fusebox. OR: Instrument cluster	yellow/white		OK
Mitsubishi	Express Van	96-97						At ECU left hand side pillar	Bl		
Mitsubishi	Express Van	1998						At ECU left hand side kick trim back plug	Y/R		
Mitsubishi	Galant	1996	1996	1999	110	ABS		On the front passenger side, at the left hand side of the glove box is a white, 22 pin connector. Pin 3 is the speed pulse signal.	Yellow/white.	Export model: Same connector, pin 2, cable colour yellow/red carries the signal. (info from Belgium, 08.Nov.1997)	OK
Mitsubishi	Galant Mod.95					ABS, AT		Behind the factory speaker in the dash on the driver's side. OR: engine control module in the center console.	yellow/wite		OK
Mitsubishi	Galant Model 97&98	1997	1998				valid for GDI-engine	Behind the instrument panel there is a 17 pin connector. Pin 5 (pin25 according to wiring diagram) carries the signal.	white/blue	Other locations: at radio, same cable colour. Centre console, at diagnostic connector, same cable colour.	OK
Mitsubishi	Grandis (4 cyl)	2004						LHS BCM behind kick panel. Center plug	White/black		
Mitsubishi	L200	1999						At the diagnostic connector, under the steering wheel column, cable colour yellow/white.	yellow/white		OK
Mitsubishi	L300	1995	?	2477	51		Only petrol engined cars, diesel cars have no speed pulse!.	The speed pulse is behind the speedometer at a single pin connector.	Blue.		NG
Mitsubishi	L300	1994						Behind instrument cluster	Y/W		
Mitsubishi	Lancer	1995	1996	1298	55	AT		At the left hand side of the glove box is a white, 13 pin connector. Pin 12 is the speed pulse signal.	Yellow.		OK
Mitsubishi	Lancer	96-97						At ECU in passenger side kick trim, second plug from firewall	Y		
Mitsubishi	Lancer GLXi	1992	1996	1597	83			At the left hand side of the glove box is a black, 16 pin connector. Pin14 is the speed pulse signal.	Yellow/white.		OK
Mitsubishi	Lancer GSR	1996						At ECU in passenger side kick trim	Y/W		
Mitsubishi	Magna	1996						Square connector under dash next to drivers side console	W/Bl		
Mitsubishi	Magna Non EFI							Reed switch at back of speedo			
Mitsubishi	Magna TE/TF							At ECU against fire wall , under ashtray	W/Bl		
Mitsubishi	Magna TN 4/6 Cyl							At ECU in passenger kick trim connector closest to firewall	Y/W		
Mitsubishi	Magna TN 4Cyl							At transmission ECU centre console	Y/W		
Mitsubishi	Magna TR	96-98						At ECU in passenger trim, pin no. 18	Y/W		
Mitsubishi	Magna	2002	3.5 V6					At diagnostic connector next to bonnet release	white/blue		O.K
Mitsubishi	Mirage	96-97						At ECU in passenger kick trim in largest connector	Y/W		
Mitsubishi	Nimbus	1997						At ECU passenger kick trim	Y/W		
Mitsubishi	Nimbus	2000						Rear of Radio	Purple/ Green		
Mitsubishi	Pajero EFI V6	1988						At ECU under glove box, plug furthest from firewall	Y/W		
Mitsubishi	Pajero Petrol	96-97						At ECU behind passenger side kick trim	Y/W		
Mitsubishi	Pajero Petrol	2000						At transfer case, brown plug	white/blue		
Mitsubishi	Pajero V6-3000	1995	1996	2972	13 3	ABS		At the driver side, in the kickwell, at the fuse box is a black, 16 pin diagnostic connector. The speed pulse signal is at pin 14.	Yellow/white.		OK
Mitsubishi	Shogun							The speed pulse wire is located at the back of the instrument panel at a 2 pin plug. The wire colour is Blue.	blue		OK
Mitsubishi	Sigma 3.0 V6	1991	1996	2972	15 1	ABS, AT, AC		In the driver side kickwell, at the fuse box is a white, 11 pin diagnostic connector. The speed pulse signal is at pin 10.	Yellow/white.		OK

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Mitsubishi	Space Gear	1995	1996	2351	97			Under the glove box is the engine control unit. The first grey, 22 pin connector has the speed pulse signal at pin 16.	Yellow/red.	Caution: There are two cables with the same colour, refer to the pin number.	OK
Mitsubishi	Space Runner	1996	1996	1834	90	AT		On the front passenger side, at the left hand side of the glove box are two white, 8 pin connectors. One of them has the speed pulse signal at pin 1.	Yellow/white.		OK
Mitsubishi	Space Wagon	1996	1996	1997	98	AT		On the front passenger side, at the left hand side of the glove box are two white, 8 pin connectors. One of them has the speed pulse signal at pin 1.	Yellow/white.		OK
Mitsubishi	SPACE WAGON	1998		2351	110			At driver's side there is a fuse box left above. There is a 10 pin connector with 3 white/blue cables. The cable in the right above corner carries the signal. (a little bit behind the other cables)	white/blue		OK
Mitsubishi	Starwagon	1995						At ECU left hand kick trim	Y/R		
Mitsubishi	Starwagon	1997						At ECU left hand kick trim	Y/R		
Mitsubishi	Triton 4Cyl	1997						At ECU left hand kick trim	Y/W		
Mitsubishi	Triton V6	1996						At diagnostic connector next to bonnet release	Y/W		
Mitsubishi	Triton V6	97-98						At ECU left hand kick trim	Y		
Mitsubishi	Van walk thru	1995						At ECU	Y/R		
Mitsubishi	Walk Through	1995						At ECU	Y/R		
Mitsubishi	Walk Through	96-97						At ECU centre console	BI		
Neoplan	Cityliner							There is a VDO-Kienzle Speedometer. Connector B, pin 7 or connector C pin 3 carries the signal.	black/red	There is mostly a description below the speedometer.	OK
Nissan	200 SX	1994	?	1998	14 7	ABS		All models of this series have the signal at the central connector behind the fuse box. The location within the connector can vary.	Yellow/ green.		OK
Nissan	200SX	94-95						At ECU	Y/Gn		
Nissan	200SX	94-95						At ECU pin no. 53	Y/Gn		
Nissan	200SX	1998						At ECU L/H side kick trim	Y/Gn		
Nissan	300 ZX	1990	1995	2960				On the back of instrument cluster, cable colour yellow/green. OR, different info: Behind the speedometer, yellow/red cable at a 12 pin connector.	yellow/green or yellow/red		OK
Nissan	350Z	2003						Behind climate control, center console, CAN unit 3 plugs, middle grey plug. Pin 26	Brown/white if Australian version or White wire if US version		
Nissan	350Z	2005						Connector behind instrument panel.	Brown/white	No VSS or reverse behind stereo. Reverse wire behind drivers side kick panel light green wire.	
Nissan	Almera 16V SLX 1.6	1995	1998	1597	66	ABS		A white 20 pin connector is located in the centre console, at the front passenger side above the transmission tunnel. The speed pulse is at pin 18.	Violet/red.		OK
Nissan	Altima GXE	1995						Behind instrument cluster.	yellow/green		OK
Nissan	Blurebird	95-96						At ECU behind centre console	Y/Gn		
Nissan	LKW L60.095	1991	?				Only for MAN speedometers.	The signal is available behind the speedometer at pin 8 of the second connector from the left hand side (viewed from above).	White.	This cable colour can vary, because this is no standard wiring harness.	OK
Nissan	Maxima	1992	1995	2960	12 5	ABS,AC		In all models of this series the signal can be picked up at the central plug behind the fuse box. The plug position can vary with model. Pay attention to the cable colour.	Light blue.		OK
Nissan	Maxima	95-96						In a 20 pin connector not being used in driver side	P/BI		
Nissan	Maxima	1998						At ECU behind console	W/BI		
Nissan	Maxima ST V6	2002						Behind instrument cluster. Plug behind speedometer	Red wire.	Reverse can be taken behind rear lamps on boot lid. (green/white). Illumination (Red/blue). Power behind radio	

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Nissan	Maxima Ti 3.5 V6	2004						Behind Instrument cluster. Large white connector (only one connector behind cluster)	Violet/white trace	Constant power: Behind audio system. 10 way connector Yellow wire. Accessory Power: Behind audio system. 10 way connector Violet wire. Illumination: At rear lighting assembly Red/Blue. Reverse: At rear lighting assembly. Green/white. Ground: Behind rear passenger top cushion.	O.K
Nissan	Maxima QX	1995	1997	1995	10 3	ABS		All models of this series have the speed pulse signal at pin 15 of a 20 pin connector located in the centre console on driver side.	Pink/blue.		OK
Nissan	Maxima QX 3.0 V6	1997		2988	14 2			At the rear of the speedometer there are 3 different white connectors. The smaller one carries the signal at the pink cable with blue dots.	pink with blue dots		OK
Nissan	Micra	1995						Behind instrument cluster in 12 pin white connector	Y/BI		
Nissan	Micra	1998					valid for gasoline and petrol engines	At the rear of the instrument cluster there is a 28 pin connector. Pin 16 carries the signal.	yellow/blue		OK
Nissan	Navara	94-95						Behind instrument cluster	W/BI		
Nissan	Navara	96-97						At ECU under drivers seat	W/BI		
Nissan	NX Coupe	1992						At ECU behind console	Y/Gn		
Nissan	Pathfinder	1995						At ECU under drivers seat	W/BI		
Nissan	Pathfinder	1996						At ECU under console - 7th wire from fire wall	W/BI		
Nissan	Pathfinder	1997						At ECU -pin no. 26	V/R		
Nissan	Pathfinder	1998						At ECU between steering column and console	W/BI		
Nissan	PATHFINDER 3.3 V6	1998		3275	110			Between centre console and steering wheel there is a connector (M32). In the connector's lower row of cables, the 2nd cable from right carries the signal. OR: On back of instrument cluster.	white/blue		OK
Nissan	Pathfinder V6	2003						Cruise control module behind drivers side kick panel (ASCD control), M144 conector pin 7	white/sky blue	Reverse wire located behind passenger side kick panel. There are three connectors . The middle connector. Yellow wire	O.K
Nissan	Patrol	1988	1998	2826	85			In the engine compartment, at the passenger side there is an 8 pin connector close to the engine block (depends on engine specification).	Light blue.	You can find the location in all engine types, at a cable harness with some connectors, near the engine block.	OK
Nissan	Patrol	Pre-92						Behind instrument cluster in white connector	O		
Nissan	Patrol	92-94						At ECU near passenger feet	BI/P		
Nissan	Patrol	1995						Behind instrument cluster	BI/P		
Nissan	Patrol Diesel	1988	1998	2826	85	ABS		The signal is at pin 3 of a white 12 pin connector behind the speedometer.	Light blue.		OK
Nissan	Patrol Diesel	95-96						Behind instrument cluster	LtBI		
Nissan	Patrol Diesel	96-97						L/H side of steering column	O		
Nissan	Patrol ST Petrol	2002		4800				Behind drivers side kick trim at cruise control module	blue/orange	Reverse can be picked up behind passengers side kick trim at big 16 pin connector (yellow with pink loops. Constant power can be taken from main radio harness (red/green) or on adaptor lead (violet wire). Accessory power (Blue/light brown trace) on main radio harness or on adaptor lead (red wire). Illumination (blue/black trace/pink rings) on main radio harness or (orange wire) on adaptor lead.	
Nissan	Patrol GR Diesel	1988	1998	2826	85			Behind the speedometer there is a white 10 pin connector, right hand side, the very outside pin, cable colour grey. OR: at the gearbox, cable colour grey	grey		OK
Nissan	Patrol tray top	1996						Behind instrument cluster - top screw mrked 2P			
Nissan	Patrol Turbo	1998						At white plug , bottom plug of 3 plugs between clutch and ECU	BI/O		

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Nissan	Patrol 3.0 Turbo Diesel	2004						Behind Instrument cluster, grey connector	Grey		
Nissan	Pintara locally							At transmission on passenger side of motor	Bn		
Nissan	Prado	96-97						At ECU behind glove box- pin no.12	V/W		
Nissan	Prarie	1992	1995	2389	98			The speed pulse in this series is behind the speedometer at pin 3 of a 10 pin connector. The signal is present at this point, even when no cable is attached.	Yellow/red.		OK
Nissan	Primera	1992	1996	1597	66	ABS		The speed pulse is located within an 18 pin connector in the centre console, at the height of the glove box, on the passenger side.	Yellow/green.		OK
Nissan	Primera SRI	1996	?	1998	96	ABS		In the centre console, next to the engine control unit are two white connectors. The 16 pin connector has the signal at pin 2.	Yellow/green.		OK
Nissan	Pulsar	1993						L/H side behind console	Y/Gn		
Nissan	Pulsar	1996						At ECU behind L/H side console, pin no. 26	V/R		
Nissan	Pulsar	1996						At ECU behind passenger side console- pin no.26	V/R		
Nissan	Pulsar	1994						At ECU pin 26	V/R		
Nissan	Pulsar II series	1998						At ECU behind L/H of console	V/R		
Nissan	Pulsar imported	95-96						Passenger side behind console	Y/Gn		
Nissan	Pulsar Q	1995						At ECU behind passenger side console in 18 pin connector	Y/Gn		
Nissan	Pulsar	2002						Behing instrument cluster	Yellow/red.		
Nissan	Quest	1994						High in the passenger kick panel at ECU. The lower dash panel must be removed. OR: behind instrument cluster (black 12pin)	green/yellow	It is easier to tap into the wires behind the instrument cluster. Be careful when pulling out the cluster because there is a cable for the gear indicator hooked to it.	OK
Nissan	R50 Wagon	1996						In connector on left side of steering column pin no.8	W/Bl		
Nissan	Sentra	1995						Behind instrument cluster.	purple/red		OK
Nissan	Serena	1993	1995	1998	93	ABS		At the kickwell on the front passenger side close to the door post, at pin 2 of a 14 pin connector to the engine air-conditioning control unit.	Yellow/green.		OK
Nissan	Skyline locally built							At ECU in passenger side kick trim -pin no. 29	W/Bl		
Nissan	Sunny	1993	1995	1597	66			In this series, the speed pulse is in a white, 20 pin connector, located behind the speedometer. The location in the connector depends on the instruments fitted - (with tachometer pin 8, without tachometer pin 6).	Yellow/green.		OK
Nissan	Terrano 2,7 D	1990	1996	2664	73			The central connector is located at the fuse box behind the dashboard, in the driver side kickwell. The location can vary within this connector.	White/blue.		OK
Nissan	Terrano II	1993	1996	2389	91			The signal can be found at the engine control unit, within the centre console, close to the gear lever. Even with different engine specifications, the position stays the same. For diesel engines the signal is at pin 11, for petrol at pin 32.	Yellow/black.	For diesel engines the cable colour is white/blue.	OK
Nissan	Terrano II 2.4LTR	1998						At ECU harness-passenger side access	Y/Blk		
Nissan	Terrano II Diesel							Behind cluster	W/Bl		
Nissan	Terrano II Turbo Diesel Mod.1997	1996	?	2664	92	ABS	The same location as Terrano II.	The signal can be found at the engine control unit, within the centre console, close to the gear lever. Even with different engine specifications, the position stays the same. For diesel engines the signal is at pin 11, for petrol engines at pin 32.	Yellow/black.	For diesel engines the cable colour is white/blue.	OK
Nissan	Terrano II, R20 2.7 Tdi	1996		2664	92		not valid for automatic transmission	There is no digital speedpulse signal available. A hall generator from VDO-Kienzle has to be retro fitted. Part No. X39397106191.			OK

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Nissan	Terrano II, R20 2.7 Tdi	1996		2664	92		not valid for manual transmission	The white/blue cable of the main harness between instrument cluster and ECM carries the signal. Pin 26 at ECM.	white/blue	This is the only location to find the rectangular shape of signal.	OK
Nissan	X Trail	2002						Under glove box, middle ECU, middle plug	Black Blue		
Nissan	X Trail	2003						Behind instrument cluster, middle brown 22 way connector	Red/black	Reverse wire can be found behind the glove compartment, 24 way brown connector, blue/white wire	
Nissan	Trade 3.0 Transporter	1995	?					Depending on the engine specification, the signal is either at the 12 pin connector to the instrument panel or in the front passenger side kickwell, behind the windscreen washer reservoir.	Red/blue.		OK
Opel	Astra	1991	1996	1389	44		Cars with 2.0 Litre petrol engines, prior to 1994, have no speed pulse.	The speed pulse signal is at the engine control unit connector, in the passenger front kickwell, under the glove box, at the left hand door post.	Blue/red.	If a radio connector is available please use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour. For cars without speed pulse Order part from BOSCH (VDO): X39.397/106/130.	OK
Opel	Astra - G 1.6 16V	1998	?	1598	74	ABS		At the driver side behind the speedometer is a 36 pin connector. Pin 10 has the signal.	Blue/red	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	Astra Caravan	1991	1993	1598	55		Cars with 2.0 Litre petrol engines, prior to 1994, have no speed pulse.	The speed pulse signal is at the engine control unit connector, in the passenger front kickwell, under the glove box, at the left hand door post.	Blue/red.	If a radio connector is available please use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour. For cars without speed pulse, order part from BOSCH (VDO): X39.397/106/130.	OK
Opel	Combo 1.4i	1993	?	1389	44			The speed pulse signal is at the engine control unit connector, under the glove box at the door post. The pin position can vary. Pay attention to the cable colour.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	Corsa	1993	1997	1195	33			The speed pulse signal is at the engine control unit connector in the front passenger kickwell, at the left door post under the glove box.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	Corsa	1993	1997	1600	78	ABS		The speed pulse signal is at the engine control unit connector in the passenger side kickwell by the door post, under the glove box.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	FRONTERA 2.2 16V	1998		2198	100	ABS		ISO radio connector, chamber 3 pin 1.	blue/yellow		OK
Opel	FRONTERA 2.2 Dti	1998		2171	85			Behind the speedometer, cable colour black/violet. OR: At the gear box, at the hall generator, cable colour brown/yellow.	black/violet OR brown/ yellow		OK
Opel	Kadett manual transmission							No speed pulse available. A hall generator has to be retro fitted. Part no. 1236262.		For all "old" Opel models there are hall generators to retrofit at VDO. Please ask for part no. at VDO. Information about year of manufacturing, type and kind of gearbox are required.	no
Opel	Monterey	1998		3494	158			Area of "A"-post, driver's side.	bright green/ white	Caution: There are several green/white cables in this area.	OK

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Opel	Monterey Diesel							The speed pulse wire comes from pin 16 of the Diesel control unit under the bonnet to the instrument cluster. The wire is White/black at pin 7 of connector C2.	white/black		OK
Opel	old models							For all "old" Opel models there are hall generators for retro fitting from VDO. Please ask for part no. at VDO. Information about year of manufacturing, type and kind of gearbox are required.		If radio connector (ISO) is available please use Pin 1 in chamber 3	no
Opel	Omega B	1994	1997	1998	10 0	ABS		The speed pulse signal is at pin 6 of a black, 64 pin connector in the kickwell on the driver side, at the right door post.	Blue / red.	If a radio connector is available please use the blue/red wire. The cable colour of all models from this manufacturer is always blue/red. For old Omega models a hall generator can be obtained. Order number is: 36250-1236270.	OK
Opel	Sintra	1999						Vehicles with preinstalled radio: blue/red cable at the radio connector. Other vehicles: remove the radio blanking plate, there you can find the harness with the blue/red cable.	blue/red		OK
Opel	Tigra	1994	1998	1598	78	ABS		The speed pulse signal is at engine control unit connector in the kickwell at the door post, under the glove box.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	Vectra	1991	1994	1798	66	ABS,AT		The speed pulse signal is at the engine control unit connector in the front passenger kickwell, at the left door post under the glove box.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Opel	Vectra	1995	1998	1799	85	ABS		The speed pulse signal is at pin 29 of a blue, 43 pin connector in the driver kickwell at the door post.	Blue/red.	If a radio connector is available use the blue/red wire. The cable colour of all models from this manufacturer is blue/red.	OK
Opel	Vectra (B) Caravan Dti	1999		1994	74	ABS, AC	also valid for Opel ASTRA and ZAFIRA	ISO radio connector, chamber 3 pin 1.	blue/red	all vehicles have a preinstalled radio connector	OK
Opel	Vectra A	1991	1994	1796	66	ABS		The speed pulse signal is at the engine control unit connector, in the passenger front kickwell, under the glove box, at the left hand door post.	Blue/red.	If a radio connector is available please use the blue/red wire. The cable colour of all models from this manufacturer is blue/red. A second location is at the connector board under the engine control unit. Pay attention to the cable colour.	OK
Peugeot	306	1996						Behind instrument cluster in blue connector	Bn		
Peugeot	406							At speed transducer at rear of engine in 3 wire connector			
Peugeot	106 EQUINOXE	1993	1996	1124	44			In the engine compartment at the left hand side of the engine is an electronic box. The signal is at pin 19 of the black, 57 pin connector.	Green.		OK
Peugeot	106 Green	1991	1994	1124	44			No speed pulse signal!			ng
Peugeot	306	1993	1996	1587	65			In the engine compartment is an electronic box near the battery. The signal is at pin 8 of a black, 35 pin connector. The cable number is 1360.	Green.	The cable colour can change, therefore it is safer to look at the location in the connector, than for the colour.	OK
Peugeot	306 TD	1993	1997	1905	66			No speed pulse signal!			ng
Peugeot	306 Turbo D	1997	1999	1905	66			At rear of the speedometer is yellow 26 pin connector. Pin 2 carries the signal.	grey		OK
Peugeot	306 Turbo D							The speed pulse is behind the instrument cluster at a Yellow 32 pin connector. Pin 2 has a Grey wire (465) which carries the speed pulse signal.	grey		OK
Peugeot	309							At the gear box in the engine compartment there is the speedometer cable and normally a speed pulse generator with three wires on it. The speed pulse is at position 3. If the car is not equipped with this generator you can order it a PEUGEOT dealer, the part number is 616024.	?		OK

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Peugeot	405 SRI X4	1992	1994	1998	89			No speed pulse signal!			ng
Peugeot	405 SRI/MI 16	1994						At gearbox near back of motor, wire numbered 1624	W or Gn		
Peugeot	406 1.8 LX							The wire goes directly from the gearbox sender unit to the instrument cluster. The colour of the wire is unclear but it has the number 1622 written on it. It can also be found at the rear of the clutch housing (only accessible from underneath the car) at the speed sensor. There is a white 3 pin plug with Red, Green and yellow wires to it. The signal is at the Yellow wire.	1622 or yellow		OK
Peugeot	406 Coupé	1997						There are 2 connectors behind the speedometer. The yellow one has 26 pin. The grey cable of this connector carries the signal. This cable is marked with the no. 465.	grey		OK
Peugeot	406 D							In the engine compartment at the left side of the engine is an electronic box. The signal is at pin 9 of the black, 57 pin connector. The colour of the signal wire is yellow.	yellow		OK
Peugeot	406 Diesel manual							Behind instrument cluster , yellow plug	Gy		
Peugeot	406 ST	1995	1998	1761	81			In the engine compartment at the left hand side of the engine is an electronic box. The signal is at pin 19 of the black, 57 pin connector.	Red.		OK
Peugeot	605 Sri	1990	1994	1998	89			1. Some vehicles are equipped with a signal: Passenger side below glove box, there is a small black plastic box with a rubber protected 9 pin connector. The purple cable , no. 131F carries the signal. 2. If there is no speed pulse signal available, a hall generator has to be retro fitted. Peugeot part no. 616024, normally used for taxis.		Sometimes there is a cable present but there is no speed pulse signal.	ng
Peugeot	806	1994	1998	1998	89	ABS	Only for petrol engines.	In the engine compartment, on the right hand side, between the wheel housing and the radiator grille there is a black 35 pin connector for the engine control unit. The signal is at pin 27.	White.	The cable colour can change. Therefore it is safer to look at the location in the connector than for the colour.	OK
Peugeot	806	1997						At a BOSCH-ECM, the signal can be at pin9. The cable colour can vary.	green		OK
Peugeot	806							Vehicles WITHOUT Bosch ECU: At the gearbox there is a 3 pin connector. On cable is +12V, one is ground, and the other one is the speedpulse. To find the connector, you have to remove the bottom cover of the gearbox. Loosen about 10 screws.		You can lay the cable very easily under the floor of the driver's seat.	OK
Peugeot	806 STDT	1995	1998	1905	92			No speed pulse signal!			ng
Peugeot	BOXER D	1996	?	1905	51			No speed pulse signal! A Speed Sensor unit is available from France Peugeot part No: 616035 allow at least 3 days for delivery.			ng
Peugeot	Expert	1996	?				Only for cars with petrol engine.	At the instrument panel, behind the speedometer, is a blue connector. Pin 2 has the signal.	Green.	The number on the cable is 465.	OK
Peugeot	Partner 1.8D	1996	1998	1769	43,5			Behind the instrument panel at the speedometer is a blue, 7 pin connector. Pin 2 has the signal.	Green.	The number on the cable is 465.	OK
Pontiac	Parisienne	1986	?	4903	127	AT, AC		In the passenger kickwell, at the "A" post, is a black, 14 pin connector. Connect to the brown wire.	Brown.	Note: there is more than one brown cable at the connector.	OK
Pontiac	Trans Sport 2.3i			2300				Above to the right of footwell there is the ECM-module. The connector C2 carries the signal at pin B8.	green		OK
Pontiac	Trans Sport 3.1i			3100				Behind the steering wheel column, there is the cruise control. There are 4 cables in a connector. They are 2 x grey, red, & pink with white stripes. The red cable carries the signal.	red		OK
Porsche	911 Carrera 4	1998		3387	221			Radio connector, pink/grey cable, 0,5mm diameter, OR: Instrument cluster, same cable colour	pink/grey		OK
Porsche	928	1991	1995	5700	257	ABS, AT		In the front passenger side kickwell there is a fuse board below the footrest panel. This board contains the yellow distribution connector P. The speed pulse signal is at pin 5.	Brown / red.		OK

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Porsche	928	1986	1989	4898	23 5			1. Cruisecontrol unit, pin 11, cable colour brown/red. You can find the cruise control unit in the central console, front side. 2. There is a 14 pin connector T19 next to the central-electric unit. Pin 4, cable colour brown/red.	brown/red		OK
Porsche	928 GTS	1993						Cruise Control module behind drivers side kick panel. Pin11	Blue/Red		
Porsche	928 GT	1989	1991	4957	24 3	ABS,AC		In the front passenger side kickwell there is a fuse board below the footrest panel. This board contains the brown distribution connector O. The speed pulse signal is at pin 1.	Blue/red.		OK
Porsche	944 Turbo						also valid for right hand drive cars	At the handbrake, below the carpet, there is the main harness. The signal is at the blue/red cable. OR: At speedometer, blue/red cable.	blue/red	It's very difficult to remove the speedometer.	OK
Porsche	996	1997		3387	22 1			Behind the instrument cluster, at 2nd connector, Pin 16.	white/brown	PS-System only works at the position above described. How to disassemble: Left of Speedometer, there is a small microphone grid. Remove the screw behind. Right of speedometer, pull away to the front the warning flasher switch (it moves very hard). Loosen the screw behind. Pull the instrument cluster upwards and away.	OK
Porsche	Boxster	1996	?	2480	15 0	ABS; AC; AT		On the driver side of the boot, at the firewall is a blue, 21 pin connector. Pin 1 has the speed pulse signal.	Black/white.	Alternative: In the front boot, at ABS-controler unit, Pin 23, cable colour brown/white	OK
Porsche	Carrera II	1991	1998	4245	20 0	ABS		In this series the location of the speed pulse is behind the speedometer at pin 4, of a black, 8 pin connector.	Green.	The speedometer can easily be drawn out from the dashboard.	OK
Proton	416 GLXi	1995	?	1597	83	AT		On the right hand side of the glove box is a white, 22 pin distribution connector. The speed pulse is at pin 14.	Yellow/white.		OK
Proton	Persona	1997						Pin 16 off 22 pin connector	Y/W		
Renault	all Trucks						Valid for all trucks, except buses.	Behind the speedometer, cable No. 59 carries the signal.	none	In some cases the signal becomes too weak, when an additional system is connected to it. You will need to use a signal amplifier. Please test if all systems work well.	OK
Renault	Clio	1994	1995	1794	80	ABS		In the kickwell, on the driver side, at the left side of the steering column there is a colourless, 3 pin connector. The location of the signal is at the middle pin.	Beige/blue	The cable colour can change. Therefore it is safer to look at the location in the connector than for the colour.	OK
Renault	Clio II	1998		1390	55	ABS		Remove steering wheel column cover, seals of doors, "A" post covers and dashboard. At the backside of the instrument cluster, there is a black 10 pin connector. Pin 8 carries the signal.	purple		OK
Renault	CLIO RN 1.2	1994	1995	1171	40			Under the steering column is a white, 3 pin connector. The signal is at the centre pin.	Yellow.		OK
Renault	CLIO RN 1.9D	1991	1994	1870	47			No speed pulse signal!		There is a cable present but there is no speed pulse signal.	ng
Renault	Espace	1993	1995	2849	110	ABS	Cars with diesel engines have no speed pulse generator.	In the engine compartment, on the left hand side, between the wheel housing and the headlight, there is a rectangular, black box containing the engine control unit. The signal is at pin 3 of the black, 35 pin connector.	Brown/blue.	The cable colour can change. Therefore it is safer to look at the location in the connector than for the colour. Renault's order number for a speedometer cable with hall generator is: 6025171365.	OK
Renault	ESPACE D	1993	1996	2053	65			No speed pulse signal!		Renault's order number for a speedometer cable with hall generator is: 6025171365.	ng
Renault	Espace Mod 99	1999						In the engine compartment, driver's side, between headlight and MacPherson strut tower there is a black plastic box. There are 2 connectors, the lower one has 4 chambers. The signal is in chamber B (black) at pin 5. Cable colour is orange/blue or orange/black. OR: Passenger's footwell, in fusebox there is a small black box. Pull it out. There you can find a big blue 26 pin connector. Pin 17 carries the signal. Same cable colour.	or/blue or or/ black	2nd location is the signal for the radio	OK
Renault	EXPRESS (Rapid) D65	1996	1997	1870	40			No speed pulse signal!			ng

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Renault	Express 1.2 RL	1995	?	1239	40			No speed pulse signal!		There is a cable present but there is no speed pulse signal.	ng
Renault	J66							Behind the central display on dashboard, there is a brown/black connector. Pin 26 carries the signal.	orange/green	Remove the upper part of dashboard. For that you have to remove both speaker's grilles. Under each grille, there is one screw. Unscrew them. The connector is behind the display. Caution: Cable colours can change.	OK
RENAULT	Kangoo	1998					valid for petrol engine	Behind the instrument cluster. Connector N, pin 8 carries the signal.	salmon/black		OK
Renault	Laguna	1994	1996	1998	83	ABS		In the kickwell, on the driver side, at the left side of the steering column there is a colourless, 3 pin connector. The location of the signal is at the middle pin.	Brown or yellow.	The cable colour can change. It is safer to look at the position in the connector than for the colour. The order number from Renault for a speedometer cable with hall generator is: 7700410338.	OK
Renault	Laguna	1994	?				For cars WITHOUT SP-signal and with manual transmission, petrol or diesel engine.	A speedometer shaft with hall generator can be retro fitted. The Renault reference is 77 00 410 338.		All vehicles can be retro fitted.	OK
Renault	Laguna	95-97						At ECU BEHIND DRIVER SIDE HEADLIGHT PIN NO.3	Bn		
Renault	Laguna 1.9 Dti	1998		1870	72			At the rear of the instrument cluster, there is a grey/black (or blue/white) connector, Pin 14 (A2) carries the signal.	brown/white		OK
Renault	Laguna V6	2002						Behind radio. A1 terminal		Accessory, constant, illumination and vss is behind radio ISO A connector	
Renault	Laguna V6	2003						Main audio unit is located at rear left side of luggage compartment in pocket. Speed signal is at the back of unit, ISO connector, location A1 terminal.	White wire	Power wires can be tapped of ISO connector A of radio. Constant Red, Accessory Green, Ground Black. There is no illumination wire at back of radio. Reverse wire can be tapped of the blue connector on left rear side quarter panel. Reverse Green wire (B4), Illumination Blue wire (B5).	
Renault	Laguna RT 2.0	1994	1998	1998	83	ABS		In the kickwell, on the driver side, above the steering column there is a grey, 3 pin connector. The speed pulse signal is at the middle pin.	Brown or yellow.	The cable colour can change. It is safer to look at the position in the connector than for the colour. The order number from Renault for a speedometer cable with hall generator is: 7700410338.	OK
Renault	Magnum						This info is valid for ALL Magnun-Models.	Directly at the gearbox there is a hall generator with three wires. One is ground, one is the power supply and one is the speed pulse, which goes directly to the tachograph behind the steering wheel. OR: Tachograph Connector C3 or B7, cable no. 59		The speedpulse is also available behind the steering wheel at the tachograph. But it is sealed at this place for security reasons.	OK
Renault	Master D	1998						There is a grey connector at the instrument cluster. Pin 1 carries the signal.	green		OK
Renault	Megane Cabriolet	1997						In the engine compartment, left side (facing the engine), there is a black box with an electric arrow. Here you can find several connectors (black, white, grey, brown). The black connector carries the signal at pin 4.	grey		OK
Renault	Megane Coupe 1.9 Dti	1999		1870	72			There is a 69 pin connector at the ECU in the engine compartment. The signal is at pin 43.	grey		OK
Renault	Megane Model 1997							Behind the instrument cluster there is a black 10 pin connector. Pin 1 carries the signal.	grey	To remove the Instrument cluster, please remove the screws below the loudspeaker left- and rightside.	OK
Renault	MEGANE RT 1.4L	1996	1999	1390	55			In the engine compartment there is an electronic box on the right hand side of the engine. There is a black, 35 pin connector and the signal is at pin 3.	Grey/red.		OK
Renault	R 19	1991	1994	1721	54			No speed pulse signal!		Renault's order number for a speedometer cable with hall generator is: 7700840722 and 7700842634.	NG
Renault	R 19	1992	1997	1794	65			Under the steering column, at the mechanical speedometer cable is a white, 3 pin connector. The signal is at the centre pin.	Violet/grey.		OK

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Renault	R 19	1990	1996				For cars WITHOUT SP-signal and with manual transmission, petrol or diesel engine.	A speedometer shaft with hall generator can be retro fitted. There are 2 different types of shafts, which can be used depending of the model and the year of manufacture of the car. The Renault references are 77 00 840 722 and 77 00 842 634.		All vehicles can be retro fitted.	OK
Renault	R 21	1986	1995				For cars WITHOUT SP-signal and with manual transmission, petrol or diesel engine.	A speedometer shaft with hall generator can be retro fitted. There is only one RENAULT reference, 77 00 776 956. This piece corresponds to a hall generator to interconnect between the speedometer and the shaft.		All vehicles can be retro fitted.	OK
Renault	R19 RN 1.9D	1994	1995	1870	47			No speed pulse signal!		Renault's order number for a speedometer cable with hall generator is: 7700840722 and 7700842634.	ng
Renault	Safrane	1993	1996	2165	10 1	ABS		Above the steering column there is a grey, 3 pin connector. The speed pulse signal is at the centre pin.	Yellow.	The cable colour can change. Therefore it is safer to look at the location in the connector than for the colour. Renault's order number for a speedometer cable with hall generator is: 7700842723 and 7700845259.	OK
Renault	Safrane	1993					For cars WITHOUT SP-signal and with manual transmission, petrol or diesel engine.	A speedometer shaft with hall generator can be retro fitted. There are 2 different types of shafts, which can be used depending of the model and the year of manufacture of the car. The Renault references are 77 00 842 723 and 77 00 845 259.		All vehicles can be retro fitted.	OK
Renault	Safrane 2.0i	1995	1996	1995	77			On the side of the steering column is a grey, 3 pin connector. The speed pulse is on the middle pin.	Yellow.	Renault's order number for a speedometer cable with hall generator is: 7700842723 and 7700845259.	OK
Renault	SAFRANE 2.2 DT	1996	?	2188	83			The speed pulse signal is available at pin 17 of a blue/black connector at the instrument panel, behind the speedometer.	Brown.	Renault's order number for a speedometer cable with hall generator is: 7700842723 and 7700845259.	OK
Renault	SAFRANE 2.5 RXT	1996	?	2500				Use pin 1 in chamber A of the radio connector (ISO).	White.	Renault's order number for a speedometer cable with hall generator is: 7700842723 and 7700845259.	OK
Renault	Scenic Mod.2000	1999						At the rear of the instrument cluster, there is a crystal connector, Pin 23 carries the signal. OR: Under the front right headlight, there is the ABS unit, Pin 22 carries the signal. (This cable goes directly to the speedometer.)	grey		OK
Renault	Super 5						For cars WITHOUT SP-signal and with manual transmission, petrol or diesel engine.	A speedometer shaft with hall generator can be retro fitted. There are 3 different references which constitute a speedometer shaft with a hall generator: 77 01 349 326 for the cable part from the gear box, 77 01 349 327 for the shaft part from the speedometer, 77 00 754 249 for the hall generator to interconnect on the shaft.		All vehicles can be retro fitted.	OK
Renault	TRAFIC T1100D	1995	1994	2068	43			No speed pulse signal!			ng
Renault	TWINGO	1996	1998	1239	40			In the engine compartment on the left hand side of the air filter is a white, 3 pin connector. The signal is at the centre pin.	Green.		ok
Renault		1995						At ECU BEHIND DRIVER SIDE HEADLIGHT PIN NO.3	Bn		
Rolls Royce	Silver Seraph							At the rear of the instrument cluster, there is a white connector. The red/yellow cable carries the signal.	red/yellow	NOTE: if speedo doesn't work, insert 1K resistor in line with VSS Wire of nav.	OK
Rover	200 series						For cars without speedometer shaft.	Behind the speedometer there is a grey 16 pin connector. Pin 1 carries the signal.	orange/white	Example given is for model 1997	OK
Rover	216 & 416	1990	1994	1590	82	ABS	Only for 1.6 Litre engines.	The speed pulse signal is behind the instrument panel, at the speedometer, at pin 2 of a white, 8 pin connector.	Yellow/red.	This location for the Rover series 200 & 400 is only for cars with 1.6 Litre engines.	OK
Rover	416 Si	1998	?	1589	82	ABS, AC		At the driver side under the instrumenten panale is a grey, 22 pin connector. Pin 2 has the signal	Orange.		OK
Rover	600	1993	1996	1997	96	ABS, AT		The speed pulse signal is at pin 6 of a white, 12 pin connector behind the instrument panel, at the speedometer.	Orange.		OK
Rover	600	1993	1996	0	0		Only for 1.8, 2.0, & 2.3 Litre petrol engines.	The speed pulse signal is at pin 6 of a white, 12 pin connector, behind the instrument panel, at the speedometer.	Blue/white.		OK
Rover	75 2.0 CDT	1999		1950	85	ABS, AC	valid for all 75 models	Remove 2 screws above instrument cluster. Remove cover (clipped 3 times). Remove another screw. Pull out instrument cluster. There is a 12 pin connector at the right backside. Pin 6 carries the signal.	white/grey		OK

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Rover	800	1991	1994	2500	87	ABS		The speed pulse signal is at pin 20 of a white 20 pin connector. The connector is on the right hand side of the fuse box in the driver kickwell.	Black/red.		OK
Rover	Defender TD5	1998	?	2495	90	ABS		There is a grey 14-pin connector (C1048) behind the instrument panel. Pin 10 has the signal.	black/red		OK
Rover	Discovery	1994						Behind instrument cluster	Y/W		
Rover	Discovery	1995						In big red connector coming from instrument cluster	Y/P		
Rover	Discovery	1996						Next to steering column, big red connector	Y/P		
Rover	Discovery	97-98						Red 20 pin connector , under dash L/H side of steering column	Y/P		
Rover	Discovery	1991	1998	2496	83	ABS		Below the steering column is a red 22 pin junction connector. The signal is at pin 2.	Yellow/Pink.	The location of the speed pulse signal in the connector can change. The cable colour remains the same.	OK
Rover	Discovery	1998	?	2496	100	ABS		Under the steering-wheel-cover there are several plugs in a row. The upper green plug (C0229), pin 5, has the signal.	pink/green	Also valid for V8 engine	OK
Rover	Discovery	1999						The speed pulse signal can be found at the S.L.A.B.S (Self Leveling ABS) unit and also at the instrument cluster. The colour of the wire is Pink/green. Pin 16 @ instrument panel. Also can be found at the Tuner/amplifier on pin 20.	pink/green		OK
Rover	Freelander	1998						24 pin connector L/H side of fuse box	W/O		
Rover	Freelander	1998	?	1796	88	ABS		At the driverside, over the fuse box is grey, 26 pin connector. Pin 6 has the signal.	White/orange		OK
Rover	MGF	1996	1998	1796	88			Near the fusebox, there are 2 big connectors (No. 22812). One is between instrument-harness and main-harness. The yellow/green cable at this connector carries the signal.	yellow/green		OK
Rover	MGF	1999		1796	88	ABS	valid from model '99	There is no signal available. It is not allowed to take it from the ABS sensor. A hall generator from VDO has to be installed at the speedometer cable, in the engine compartment.	-		NG
Rover	Range Rover	1998						At bottom RHS of cluster Assy	Yellow		
Rover	Range Rover	1994	1999	3947	140	ABS, AT, AC		On the right hand side of the instrument panel there is a black 20 pin connector. The speed pulse signal is at pin 2 of the bottom connector row.	Yellow.	Also valid for model 4600 HSE	OK
Rover	Range Rover 4.0 SE Mod. 98	1994	1999	3947	140			Below passenger seat (remove cover around seat at fusebox) there is the main control unit called BECM. 16 pin connector, pin 16 (location is corner of connector)	yellow		OK
Rover	Vitesse	1995						Engine compartment next to brake booster -3 pin connector	R/Blk		
Saab	93	2001						ABS module pin 23	O/Wt		
Saab	9000	93-94						Under driver side dash , factory cruise control wiring	Gn		
Saab	9000	1995						In engine bag, close to brake booster -10 pin connector	Gn		
Saab	900	1993	?	2495	125	ABS, AT		The speed pulse signal is in the wiring harness behind the connector for the anti-lock control unit. The control unit is on the left hand side of the windscreen washer reservoir.	Orange/white.		OK
Saab	900 EFI	Pre-93						Behind instrument cluster at speedo			
Saab	900 EFI	93 on						Behind instrument cluster in black connector	Bl		
Saab	900 EFI	93-97						Behind instrument cluster in black connector	Bl/G		
Saab	9000	1991	1997	1985	110	ABS		The speed pulse signal is at the black wire of a 2 pin black connector, located in the middle of the engine compartment, between the engine block and the bulkhead, at the wire from the gear box to the main wiring harness.	Black.		OK
Saab	9-3	1998						In the driver's footwell , left under the steering wheel, you can find 5 connectors. The fourth one from bottom has 33 pins. Pin 6 carries the signal.	?	Don't try to take the signal from the cruise control because the signal is too weak.	OK
Saab	95							At passengers footwell there is a grey 43 pin connector. Pin 16 carries the signal. OR: It can be a 58 pin connector too. Same cable colour but other pin no.	violet		OK

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Saab	95	2001					Behind the left hand rear panel. There is a 6 pin connector. Reverse blue wire, vehicle speed signal green wire, illumination yellow/blue, ground black wire. The two supplies are on the same loom	green wire		
Saab	all models 1997	1997					All Saab vehicles are standard equipped with GAL at the radio. No ISO connector, but Sony-connector.			OK
Saturn	SL-1					ABS, AT	Behind instrument cluster. To get to the cluster wires the top of the dash must be removed. There are two screws holding it down and the rest is just popped into place.	green		OK
Seat	Alhambra 1.9	1996	?	1986	90		Behind the instrument panel, at the speedometer is a red, 28 pin connector. The speed pulse signal is at pin 7.	Purple.	Pin number 7 is always the same but the cable colour can change.	OK
Seat	Cordoba	1995					At transmission	W/Bl		
Seat	Cordoba 1.6 5V	1993	1999	1598	55	ABS	Behind the instrument panel, at the speedometer is a white, 28 pin connector. The speed pulse is at pin 7.	Purple.	Pin number 7 is always the same but the cable colour can change.	OK
Seat	IBIZA 1.9 TDi GT	1997	1999	1896	81		At the gearbox there are 3 cables: White/Brown, Black and White/Blue. The signal is in the White/blue cable.	white/blue		OK
Seat	Ibiza GLX 1.6i	1993	1996				The speed pulse signal is at the middle pin of a 3 pin connector, located in the engine compartment, on the right hand side, on the gear box.	Blue/white.		NG
Seat	Inca	1996					At the gearbox there is a connector with 3 cables: ground, +12 V and speedpulse signal with the colour white/blue.	white/blue		OK
Seat	Toledo Diesel 1.9 TDI	1999		1896	81		Radio connector, Chamber 3, pin 1.	blue/white		OK
Seat	Tolledo	1996					Behind instrument cluster , access under dash, in white connector	R/Blk		
Skoda	Octavia						1. At the Speedpulse generator, there is a 3 pin connector, T3j. Pin 2 (T3j/2) carries the signal, cable colour white/blue, 0.5mm diameter. (T3j/1 is +12V, colour black/white, T3j/3 is ground, colour brown). Location of generator is probably at the gearbox. 2. In the left side of harness-channel, there is a black 10 pin connector, T10f. Pin 10 (T10f/10) carries the signal, cable colour is white/blue. At the opposite side of the connector there is a green cable, 0.35mm diameter.	white/blue		OK
Ssang Yong	Korando 602E	1997	1998	2874	72	ABS	Behind the instrument panel is a black 16 pin connector. Pin 1 has the signal.	Yellow/white.	Attention: At the instrument panel there are more cables with this colour but only one at this connector.	OK
Ssang Yong	Musso	96-97					On firewall behind brake pedal	Y/W		
Ssang Yong/ Daewoo	Musso	1996	1998	2874	73	ABS	Behind the instrument panel, at the speedometer is a black, 16 pin connector, with the signal at pin 4.	Yellow/white.		OK
Subaru	Forrester GT Turbo	1998					At ECU in L/H side footwell	DkGn/W		
Subaru	Impresa	1998					In two wire connector R/H side trnsmission	Blk		
Subaru	Impresa WRX Turbo	1998					At ECU under carpet L/H side, grey connector	Gn/Y		
Subaru	Impreza	93-95					At ECU under L/H side carpet	DkGn		
Subaru	Impreza	2000					Behind the instrument cluster there are 2 connectors. The following wires are found here: const +ve blk/white; VSS grn/blk; Rev brwn/yell; ign grn/white; illum purple	Gn/Blk		
Subaru	Impreza	93-94					At ECU under passenger side carpet	GN/Blk		
Subaru	Impreza 2.0 GL	1995	1998	1994	85	ABS	The engine control unit is located in the front passenger side kickwell under the footrest panel. The speed pulse signal can be found at the central yellow 16 pin connector at pin 1.	Green/black.		OK
Subaru	Impreza Model 97-98	1997	1998				At ECM, Connector B135, Pin 3 carries the signal. OR: At Speedometer, connector 110, Pin a2 carries the signal.	green/black		OK
Subaru	Impreza Turbo	93-94					At ECU under passenger side carpet	Gn		

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Subaru	Impreza WRX	2001						???	???		
Subaru	Impreza WRX turbo	1995						Above bonnet release R/H side in blue connector	DkGn		
Subaru	Impreza WRX turbo	1996						In 3 wire connector on top of transmission , furthest from red wire	Blk		
Subaru	Impreza WRX turbo	96-98						At ECU under carpet L/H side, centre connector	Gn		
Subaru	Impreza WRX turbo	2000						Service connector (Reverse: Thick brown wire on drivers side)	Gn		
Subaru	Impreza	2004						At Cruise control module above drivers kick panel	Green/yellow		
Subaru	Legacy	1997	1998					At the ECM, in passenger's footwell , below the foot rest, there is a separate 14 pin connector. The black/green cable carries the signal.	green/black	OK	
Subaru	Legacy	1998		2457	115			Behind the instrument cluster there is a blue connector. There is a twin cable with black and white cores. The black cable carries the signal.	black	OK	
Subaru	Legacy GX 4WD	1994	1996	2212	94	ABS		The engine control unit is located in the front passenger side kickwell under the footrest panel. The speed pulse signal is at pin 1 of the central, yellow, 16 pin connector.	Green/black.	If an ISO radio connector is fitted please use pin 1 in chamber 3.	OK
Subaru	Legacy Outback							At the rear of the instrument cluster there are 3 connectors. The green/black cable of the left connector carries the signal.	green/black		OK
Subaru	Liberty	93-94						At ECU under R/H side dash in connector closest to dash	Gn/Bl		
Sabararu	Liberty	2000						At ECU under R/H side dash in connector closest to dash	Gn/Bl		
Subaru	Touring Wagon	1989						At ECU -16 pin no. 9	Y/R		
Suzuki	Baleno EFI							At ECU under dash, R/H side in yellow connector	Y		
Suzuki	Baleno Wagon GLX	1995	1997	1590	72	ABS		On the left hand side behind the glove box at the engine control unit there are three grey connectors. The signal is at pin 1 of the uppermost grey 12 pin connector.	Violet.		OK
Suzuki	Grand Vitara	1998						Loom above blue connector above R/H kick trim	LtBl/Y		
Suzuki	Jimny	1998						Behind instrument cluster , left hand plug	Y/Gn		
Suzuki	Jimny	1998		1298	59			The speed pulse can be found at the instrument panel or an easier location is at the center console near the handbrake. The wiring harness near this location carries the speed signal from the gearbox to the instrument panel. The colour of the wire is Yellow/Green at both locations.	yellow/green		OK
Suzuki	Swift 1.0 GL	1996	?	993	39			In the driver side kick well there is an engine control unit. The signal is at the grey 22 pin connector at pin 10 for automatic transmission and at pin 1 for manual transmission.	Violet or pink.	For automatic transmission the cable colour is violet, for manual transmission the colour is pink	OK
Suzuki	Swift EFI							In connector above fuse panel	Y/Gn		
Suzuki	Vitara 16V	1996	?	1589	71	AT,ABS		At the driver side door post there are two control units. The rearmost unit is the engine control unit. The yellow, 22 pin connector has the signal at pin 7.	Yellow.		OK
Suzuki	Vitara EFI & V6							At ECU	Y		
Suzuki	Vitara V6	1997						At ECU in R/H side kick trim , 16 pin connector	Y		
Toyota	4 Runner	93-94						At ECU in passenger kick trim	Gn/Bl		
Toyota	4 Runner	1992	1996	2982	92		Only for diesel engines.	In the engine compartment on the bumper (passenger side), there is a black 8 pin connector. The signal is at pin 2.	Green/red.		OK
Toyota	4 Runner	93-94						At ECU in L/H side kick trim	Gn/Bl		
Toyota	4 Runner V6							At ECU	Y		
Toyota	4-Runner	1995				AT		Behind the instrument cluster.	green/blue		OK
Toyota	4Runner V6	93-94						At ECU pin no. 22	LtBl		
Toyota	Avalon	2000						Behind glove box , cruise control module	Violet		

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Toyota	Avensis 1.6	1998	?	1597	81	ABS, AT		At the front passanger side, behind the glove box is the engine control unit. At pin 9 of the white, 22 pin connector is the signal.	Green		OK
Toyota	Echo	2001/2002						At transmission violet/white wire. Behind instrument cluster white/red			
Toyota	Camry	92-94						At ECU behind console	BI/W		
Toyota	Camry Early EFI							At ECU behind console	V/Y		
Toyota	Camry LE	1994				AT		Behind the instrument cluster.	purple/white		OK
Toyota	Camry new shape	2001/02						At ECU behind glove box, top plug	V/W	Reverse can be found behind drivers side kick panel. Red/blue trace	
Toyota	Camry Non EFI							Reed switch at back of speedo			
Toyota	Camry V6GX	1991	1996	2959	138	ABS,AT, AC		The signal can be found at the engine control unit behind the glove box in the dark grey 22 pin connector at either pin 8 or pin 9 or at pin 11 of the dark grey 26 pin connector. The connector and pin number depends on engine specification.	Violet/yellow.		OK
Toyota	Camry Wide Body	94-96						At ECU behind glove box, in top connector	V/Y		
Toyota	Carina	1991	1995	1998	98	ABS,AT		Below the glove box, and behind the black cover there is a brown 20 pin connector which has the signal at pin 8.	Green or red.	The cable colour in this series can vary - green, red or white/blue.	OK
Toyota	Celica	1991	1996	1762	85	ABS		Within the centre console close to the gear lever, three connectors are located one upon the other. The white 19 pin connector in the middle has the signal at pin 10.	Blue.		OK
Toyota	Celica	92-94						At ECU behind console	BI/W		
Toyota	Celica	1995				AT		Behind the instrument cluster.	grey		OK
Toyota	Celica	95-96						At ECU behind console- pin no.9	Orange/ green or grey/orange.		
Toyota	Celica 2.0 GTI	1990	1994	1998	115	ABS		Within the centre console close to the gear lever three connectors are stacked together. The white 19 pin connector in the middle has the signal at pin 10.	Blue.		OK
Toyota	Corolla	1992	1997	1332	55			Within the centre console the engine control unit is mounted on the transmission tunnel. Depending on the engine control unit fitted, the signal is located at pin 11 or pin 13 of the dark grey 16 pin connector.	Violet/white.		OK
Toyota	Corolla	93-94						At ECU behind console, in 16 pin connector-pin 13	V/W		
Toyota	Corolla	95-96						At ECU behind console in 12 pin connector -pin 11	V/W		
Toyota	Corolla EFI & 4WD							At ECU behind console ,in 16 pin connector- pin 13	V/W		
Toyota	Corolla 1.4	1997			1332	63		In the engine compartment there is a hall generator in the speedometer cable. There are 3 cables, one is ground, one is +12V, & one is the signal. OR: behind the instrument cluster there are 4 connectors. The blue, 13 pin connector (C11) carries the signal: With the nose of connector up, the 8th pin from left carries the signal, cable colour is white/blue. OR: ECU behind centre console, there are 2 grey connector ledges. The dark grey 16 pin connector carries the signal at pin 13, cable colour is violet/white.	see description		OK
Toyota	Corolla	2002						Behind glove box. White plug	white/blue stripe		
Toyota	Corolla Conquest	96-97						At ECU behind console -pin 11	V/W		
Toyota	Corolla Conquest	1998						At ECU access to main loom via pass . Side of console	V/W		
Toyota	Dyna Coaster	90-93						At ECU behind glove box -pin 5	Y/R		

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Toyota	Dyna Coaster	93 on						At ECU pin no.8	V/Y		
Toyota	Hi ACE	1993						Behind instrument cluster	V/W		
Toyota	HiAce	1996		2694	105			There is no speedpulse signal. A hall generator from VDO has to be installed at the speedometer cable.	-		No
Toyota	Hi-Ace	1997						At ECU medium size plug	V/W		
Toyota	Hi-Ace EFI	93 ON						Behind cluster	V/W		
Toyota	Hi-Lux	1997						At ECU behind glove box' plug to extreme right	Gn/O		
Toyota	Highlander/ Kluger	2003/2004						E6 plug on ECM, Pin 17	Yellow wire		
Toyota	Land Cruiser	1996	?				There are different locations for different engine types.	For all engine types the location for the engine control unit is behind the glove box. The cable colour is always the same. For engine type 5VZ-FE, the signal is at pin 12 of a 28 pin connector. For engine type 3RZ-FE, the signal is at pin 8 of a 22 pin connector. For engine type 1KZ-TE, the signal is at pin 9 of a 22 pin connector.	Violet/white.		OK
Toyota	Land Cruiser HDJ 100	1998						Behind the glovebox there are 4 different connectors. A 12 pin, 16 pin, 28 pin and a 22 pin connector. The 22 pin connector carries the signal at pin 9.	purple with blue rings		OK
Toyota	100 series Land Cruiser	1999						On driver side kick panel, factory loose harness	violet/white		
Toyota	LAND CRUISER HDJ 80	1995	1998					Behind the speedometer there is a grey connector. The black/red cable carries the signal.	black/red	Turbo Diesel	OK
Toyota	Land cruiser Petrol	2000						Under transmission , black 3 pin plug	Red/Green		
Toyota	Land Cruiser Station	1992	1995	4146	118	ABS,AT, AC	Only for petrol engines.	The engine control unit is located behind the dashboard cover, between the glove box and the left door post in all models. The signal is available at pin 8 of the grey 22 pin connector.	Brown/red.		OK
Toyota	Land Cruiser Station	1995	1998	4146	118	ABS,AT, AC	Only for diesel engines.	The engine control unit is located behind the dashboard cover between the glove box and the left door post in all models. The signal is available at pin 8 of the grey 22 pin connector.	Brown/orange.		OK
Toyota	Land Cruiser Station	1995	1998	4146	118	ABS,AT, AC	Only for petrol engines.	The engine control unit is located behind the dashboard cover between the glove box and the left door post in all models. The signal is available at pin 8 of the grey 22 pin connector.	Blue/white.		OK
Toyota	Landcruiser	1998						There is a 22pin connector behind the glovebox. Pin14 carries the signal.	green/red with blue circle		OK
Toyota	Landcruiser	1994				ABS, AT		Behind the instrument panel.	red/green		OK
Toyota	Landcruiser	95-97						In connector loose above brake pedal	Blk/O		
Toyota	Landcruiser 4.2 Turbo Diesel	1997					valid for right hand drive vehicles	The speed pulse is at the Emission Control module on the passenger side (right hand drive vehicle!) behind the speaker. It has a 26 and 16 pin connector. In the 16 way connector at pin 13 there is a Black/orange wire which carries the speed pulse.	black/orange		OK
Toyota	Landcruiser Amazon							The speed Pulse is below the steering column at a Silver control module. The signal is at the black 22 way connector at pin 4, the colour is red with blue rings.	red with blue rings		OK
Toyota	Landcruiser Amazon 1999	1999						The speed pulse is at the ECU at the 22 pin grey connector, Cable colour violet. OR: Behind glovebox at a white connector pin7 or 8 carries the signal the colour wire is green/red.			OK
Toyota	Landcruiser Diesel	93-94						Behind instrument cluster	Blk/R		
Toyota	Landcruiser Diesel	95-96						In connector above brake pedal	Blk/O		

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Toyota	Landcruiser Diesel Manual only	1998						At ECU behind glove box	R/Gn		
Toyota	Landcruiser Diesel auto only	1998						At ECU next to clutch pedal, top plug	V/BI		
Toyota	Landcruiser EFI	93-94						In connector , loose above brake pedal	BIk/R		
Toyota	Landcruiser Late	95-97						At connector above brake pedal	BI/W		
Toyota	Landcruiser Petrol	1998						At ECU behind glove box, top plug	V/BI		
Toyota	Landcruiser	1999						ECU	R/BLUE		
Toyota	Landcruiser Patrol	2002/2003						ECU behind glove compartment	see description	For 1KZ engine. On ECU 28 pin connector. Purple wire at pin 22; third connector from top. For 3RZ-FE engine. On ECU 22 pin connector. Violet/red at pin 21; fourth connector from top. For 1GR engine. On ECU 35 pin connector. Violet/red at pin 128; fourth connector from top	
Toyota	LEXUS ES-300 Mod.95						ABS, AT	Behind the instrument cluster. OR: Cruise control computer high in the dash on the passenger side.	violet/white		OK
Toyota	Lexus GS 300	1993	1997	2997	161		ABS,AT, AC	The engine control unit is located in the front passenger kickwell under the footrest panel. The speed pulse signal is at pin 2 of the dark grey 40 pin connector.	Violet/white.		OK
Toyota	Lexus IS 200	1999		1998				On the right hand side of the engine compartment, at the front, next to the fuse box there is an injection computer. It has 4 big white connectors. The 28 pin connector carries the signal at Pin 28. Pin 28 is at the bottom of the right side.	white/blue stripe		OK
Toyota	Lexus IS 200	1999		1998				Behind the instrument panel there are two connectors, with 14 pins and 22 pins. In the 22 pin connector the speed pulse at pin 13. OR: In the passenger side kickwell, at the left hand door post under the glove box: Here there are 4 different grey connectors with 14 pins. The speedpulse is at pin 9 of the smaller grey connector. The colour of the cable is white/blue	-		OK
Toyota	Lexus LS 400	1992	1995	3969	194		ABS,AT, AC	At the cruise control unit, behind the glove box, the signal is located at pin 20 of the green 26 pin connector.	Violet/white.		OK
Toyota	Lexus LS 400	2000						VSS wire on smaller (Left Hand) ECU behind glove box. Second plug from top	Thin Purple with red stripe		
Toyota	LEXUS SC-400 Mod.94						ABS, AT	Behind the instrument cluster. OR: Passenger side kick panel.	pink		OK
Toyota	Lite Ace	1992						At ECU pin 13	Gn/Y		
Toyota	Lite Ace Townace	1997						At ECU L/H kick trim , bottom plug	R/BI		
Toyota	MR-2 EFI	1994						Passenger side kick trim, loose connector	V/W		
Toyota	Paseo	1996	1999	1497	66		ABS	Behind the glove box is an engine control unit with a grey, 16 pin connector. The signal is at pin 13.	Yellow.		OK
Toyota	Paseo	91-94						At ECU pin 13	BI/W		
Toyota	Paseo	dec.-97						At ECU behind centre console, smallest plug	BI/W		
Toyota	Picnic	1997	?	1998	94		ABS, AT	Behind the glove box at the engine control unit is a white 22 pin connector. Pin 9 has the signal.	Violet.	Attention: At this connector are two cables with the same colour.	OK
Toyota	Prado	1997						At ECU behind glove box- far right connector	V/W		
Toyota	Prado	1998						At ECU behind glove box, plug on far right	V/W		
Toyota	Prado	2003						Behind instrument cluster. Connector C, Pin 14	Violet/red.		

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Toyota	Previa	1994	?	2438	97	ABS,AT,AC		Under the driver's seat the dark grey connector to the engine control unit has the signal at pin 9.	Violet/white.		OK
Toyota	Previa	1990		2438	97	AT		Behind the instrument cluster.	purple/white	It is not to recommended to disconnect the connector behind the instrument panel while the battery is still connected. This causes the airbag light to come on.	OK
Toyota	RAV 4	1994	1995	1998	95			The signal is located at pin 9 of a dark grey 22 pin connector to the engine control unit, which is mounted within the centre console on the transmission tunnel.	Violet/white.		OK
Toyota	Rav 4	apr.-95						At ECU behind centre console, smallest plug	V/W		
Toyota	Rav 4	94-96						At ECU	V/W		
Toyota	Rav 4	96/97						Behind instrument cluster. Labeled SI on board	Red/yellow tracer brown hoops		
Toyota	RAV 4	okt.-00						ECU behind glove box , bottom plug, PIN 22. All wires are white	White		
Toyota	RAV4 Mod.96			2000		ABS		At the ECU in the center console.	violet/white		OK
Toyota	Seca	1996						At ECU behind console, 12 pin connector - pin 11	V/W		
Toyota	Spacia	94-95						At ECU near door pillar	W/BI		
Toyota	Spacia							At ECU in passenger kick trim- connector closest to firewall	Gn/Y		
Toyota	Spacia	okt.-97						At ECU L/H kick trim , bottom plug	R/BI		
Toyota	Starlet	jan.-96						At ECU behind glove box, bottom plug	V/W		
Toyota	Starlet	96-97						At ECU pin 13	V/W		
Toyota	Supra	1993	1996	2997	243	ABS,AT,AC		On the front passenger side in the kickwell, under the footrest panel, is an orange 38 pin connector, with the signal at pin 2.	Blue/red.		OK
Toyota	Supra	90-95						AT ECU pin 9	P		
Toyota	T-100	1995				AT		Behind the instrument cluster. OR: ECU located in the passenger kick panel.	green		OK
Toyota	Tarago	juni-05						In main wiring harness coming down fromcluster	V/W		
Toyota	Tarago	92-96						In main wiring harness coming down fromcluster	V/W		
Toyota	Town Ace	90-95						At ECU pin 13	Gn/Y		
Toyota	Town Ace	96-97						At ECU high in passenger side kick trim- pin 11	R/BI		
Toyota	Yaris							Left hand side connector, going into front of instrument cluster.	Pink		
Transporter		juni-05						At ger box in 3 wire connector	W/BI		
Volvo	440							At ECU pin no. 13	W/R		
Volvo	740							Behind instrument cluster in 3 pin connector	W/Gn		
Volvo	850							At transmission	Y/Blk		
Volvo	244/245							Behind instrument cluster -two male connectors	Gy/BI		
Volvo	440	1989	1991	1721	75			Behind the instrument cluster there is an 18 pin connector c21BI. Pin 9 carries the signal, it should be rectangular. This pin is not connected. (The 18 Pin-connector c20Y, carries the signal too at pin 6, cable colour yellow/brown, but this signal is sinusoidal.)			OK
Volvo	850 2,5L	1993	1994	2435	103	ABS,AT,AC		There are two locations: 1. on the driver side, in the kickwell at the left of the steering column, there are three, coloured distribution connectors. The signal is at pin 38 of the red, 49 pin connector. 2. On the left of the steering column there are two, coloured distribution boxes with 18 pin connectors. The signal is at pin 7 of the yellow distribution box.	Yellow/black.		OK

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Volvo	850 2.0-10V	1993	1997	1984	93	ABS,AC,AT		There are two locations: 1. on the driver side, in the kickwell at the left of the steering column, there are three, coloured distribution connectors. The signal is at pin 38 of the red, 49 pin connector. 2. On the left of the steering column there are two, coloured distribution boxes with 18 pin connectors. The signal is at pin 7 of the yellow distribution box.	Yellow/black.		OK
Volvo	850GLT			2400		ABS, AT		Under the dash to the left of the steering column.	yellow/black		OK
Volvo	940	1991	1996	2383	90	ABS,AC		Behind the instrument panel, directly at the speedometer, there is a bright, brass coloured, U-shaped connector with the signal. It is possible that a cable is connected here.	Orange/green or grey/orange.		OK
Volvo	940							2 pin connector at the instrument cluster	purple/white or green/orange	The instrument cluster is very easy to access. With the use of a flat blade screw driver in the access holes of the trim ring the spring tab can be pushed in and the trim panel will come out.	OK
Volvo	940 GL							Behind instrument cluster L/H side of speedo, dul terminal	W/Bn		
Volvo	960	1994	1996	2922	150	ABS, AT, AC		The engine control unit is located in the kickwell, on the driver side, under the steering wheel panel, on the side to the driver door. The signal is at pin 12 of the white, 38 pin connector.	Green/orange.		OK
Volvo	FH12 LKW							Behind the speedometer there are several connectors, marked with A, B,etc. Pin 6 at connector C carries a Kienzle-like signal. The connector is maybe not connected.		The Volvo-specific signal is at connector B, pin 7.	OK
Volvo	S 90	1996	1998	2922	132	ABS, AT, AC		There is a blue 13 pin connector adjacent to the steering column in the kick well. Pin 5 has the signal.	Green/orange.		OK
Volvo	S40							L/H side of console	P		
Volvo	S80	1999		2435	103	ABS, AC		Remove cover between pedals and dashboard. On the left hand side, under the steering column, there is a relay box. Pull it towards you and then down. There is a big 88 pin connector. Loosen the hexagonal bolt. Pull out the connector. It is divided in 4 sectors. The speed pulse is in the connector D at pin n° 10. There is no wire connected, please insert a contact pin with a wire.	--	This car is equipped with a BUS system, but the engineers left us the chance to get the speed pulse... (originally the intention was for taxis).	OK
Volvo	Turbo 460	1991	1993	1721	88			No speed pulse signal!			NG
Volvo	V 40 1.8i-16V	1996	1999	1731	85	ABS		In the centre console, behind the girder is a white 26 pin connector. The signal is at pin 3.	Yellow/red.		OK
Volvo	V 70	1996	1999	2435	106	ABS, AC		There is a yellow distribution box with five connectors adjacent to the steering column. The signal is at pin 3 of the middle, yellow, 18 pin connector.	Yellow/black.	Attention: There is more than one yellow/black cable. Please look at the connection place.	OK
Volvo	V40	1999						Behind the instrument cluster there is a connector in the instrument cluster. 2 harnesses unite into 1 harness. The blue/red cable carries the signal.	blue/red	To remove the instrument cluster loosen the steering wheel column.	OK
Volvo	V70 Mod. 1998							Yellow/black cable at radio connector.	yellow/black		OK
VW	Caravelle Transporte	1993	1995	1896	50			The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white.	OK
VW	Golf	1992	1997	1896	66			The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is always blue/white. If there is no signal, please look behind the speedometer for a white cable.	OK

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VW	Golf	1992	1997	1781	55			The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	NG
VW	Golf	1998						In round multi pin plug at front of engine	W/BI		
VW	Golf	1999						Behind instrument cluster , blue plug pin no. 3	BI/W		
VW	Golf	1994						In engine bay left side of engine near transmission	W/BI		
VW	Golf Cabrio 1995						USA model	Cruise control computer high in the driver's kick panel #5ga 004 397-11 and 1ho 907 305	blue/white		OK
VW	Golf Cabriolet	1997	?	1781	66	ABS		The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	OK
VW	Golf CL	1992	1997	1598	55			The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is always blue/white. If there is no signal, please look behind the speedometer for a white cable.	OK
VW	Golf GTD	1992	1997	1896	55			The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	OK
VW	Golf IV - export	1997					only export models	In the back of the speedometer there is a green 32 pin connector. Pin 28 carries the signal.	green		OK
VW	Golf IV, 1.4 16V	1997		1390	55	ABS, AC		At radio connector (ISO), Pin 1 in chamber 3 carries the signal. OR: At Backside of instrument cluster, left side (facing the engine), blue/white cable.	blue/white	All vehicles are equipped with this cable even when no radio is installed.	OK
VW	Golf Syncro Diesel	1997	1998	1896	81	ABS		The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	OK
VW	Golf Variant	1992	1996	1896	47			The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	OK
VW	Golf Variant	1992	1996	1781	55	ABS		The connection place is on or behind the fuse box, the colour of the connector (G1/11) can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box. Some models of this series 1 HXO have a connection at the left of the steering column. The location is at the blue distribution connector.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	OK
VW	Golf VR6	1995						In multi pin connector on top of engine	W/BI		
VW	LT 35 Tdi	1997	?	2495	75						NG

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VW	LT35 Mod. 1996							At the speedometer there is a 12 pin connector. Pin 11, cable colour brown or pin 2 colour white carry the signal. A blue/black cable at the speedometer is also possible.		Vehicles with tachograph have a cable with 4 wires with the colours: brown, blue, black and ????. One of these cables carries the signal. There is a special hall generator at the gear box. There is a generator for retro fitting: Order Nr. 251 919 149.	OK
VW	Lupo	1998		999	37			Remove the 2 screws above the 2 instruments (speedometer and odometer). Remove cover. Then remove further 6 screws. At the rear of the instrument cluster, on the left hand side (facing the engine) there is a blue 32 pin connector. Pin 28 carries the signal.	white/blue	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
VW	New Beetle import model	1998						Behind the instrument cluster there is a blue connector. The green cable carries the signal.	green		OK
VW	Passat	1997	?	1595	74	ABS		At the driver side, in the engine compartment, under the windscreen is a black box. Inside the black box is a control unit and some connecting plugs. The outer, 10 pin plug has the signal at pin 3.	White/blue.	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
VW	Passat 5V Turbo	1996	?	1781	110	ABS		The speed pulse signal is at pin 1 in chamber 3 of the ISO radio connector in the centre console.	White/blue.		OK
VW	Passat CL	1992	1996	1896	50			The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white. If there is no signal, look behind the speedometer for a white cable.	NG
VW	Passat Mod.95					ABS, AT		Back of fuse box in the right blue plug, right row all the way in the back.	white	The two blue plugs are sitting side by side on the back of the fuse box. All the wires in these blue plugs are white.	OK
VW	Passat Mod.97 Export						only export models	There is a black 10 pin connector (T10b) at the protection housing on the left hand side in the engine compartment.	brown/red		OK
VW	Passat Tdi	1997	?	1896	81	ABS	Only for export cars	Behind the instrument panel on the left is a blue connector. The brown/red cable has the speed-pulse signal.	Brown/red.	If radio connector (ISO) is available please use Pin 1 in chamber 3	OK
VW	Passat Variant	1992	1996	2792	128	ABS, AT		The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white.	OK
VW	Passat Variant (Mod. 97)	1997		1595	74	ABS, AC		Remove cover on the left of dashboard then remove cover under steering wheel column. There is a blue 32 pin connector at the rear of the instrument cluster. Pin 3 carries the signal.	white/blue	If radio connector (ISO) is available please use Pin 1 in chamber 3. Caution: Don't switch on ignition when the blue connector is pulled off. The airbag symbol will appear, and a reset by a VW-dealer will be necessary.	OK
VW	Polo III	1994					also Diesel engine	At the fusebox there is a white connector G1. Pin 11 carries the signal. OR: Diesel engine cars, there is a Hall generator at the gearbox with 3 cables: Black, Brown/Green and White/Blue. The white/Blue cable carries the signal.	blue/white		OK
VW	Sharan	1995	1997	1984	85	ABS		The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3, the cable colour is violet. The cable colour of all models from this manufacturer is blue/white.	OK
VW	Sharan Mod.1998						models with aircondition "Klimatronic"	Behind the controller of the aircondition, there is a red connector. Pin 7 carries the signal.	white		OK
VW	Sharan Tdi	1997		1896	81			At the rear of the instrument cluster there is a red connector. Pin 7 carries the signal.	purple	OR: 8 pin connector at the radio, pin no. 5, cable colour red. (described as T8h/5)	OK
VW	Transporter	1996						At gear box in 3 wire connector	W/BI		
VW	Transporter	1996	?	1968	62			The connection place is on or behind the fuse box, the colour of the connector can vary. If there is no distribution of the signal, there is a wire within a blue connector above the fuse box.	Blue/white.	If radio connector (ISO) is available please use pin 1 in chamber 3. The cable colour of all models from this manufacturer is blue/white.	OK
VW	Transporter	1998						At gearbox	W/BI		

VSS WIRE LOG

<u>MAKE</u>	<u>MODEL</u>	<u>YEAR</u>	<u>LOCATION/DESCRIPTION</u>	<u>WIRE COLOUR</u>
AUDI	QUOTTRO V6	1995	VSS located at transmission	brown wire red trace (6000ppm)
AUDI	80, CABRIO COUPE	1992-95	Pin 1 ISO A connector behind radio cassette	white blue wire
AUDI	A4 B5	1995	Pin 1 ISO A connector behind radio cassette	white blue wire
AUDI	A6/56 C4	1995-	Pin 1 ISO A connector behind radio cassette	white blue wire
AUDI	1.8T	1996	at transmission	brown with red trace (8000ppm)
AUDI	A3 BL	1996	Pin 1 ISO A connector behind radio cassette	white blue wire
AUDI	A3	1998	pulse generator at transmission	white with blue trace (8000ppm)
AUDI	A4 1.8L	1997	ECU, pin no 9.	white with blue trace (8000ppm)
AUDI	A8/V8 B5	1995-	Pin 1 ISO A connector behind radio cassette	white blue wire
AUDI		1980-90	at rear of speedo in brown connector towards outside of car	wire with blue trace (8000ppm)
BMW	525i	1988	VSS located behind instrument cluster loom No. 4	black wire white trace (8000ppm)
BMW	730i	1990	VSS located behind instrument cluster loom No. 4	black wire white trace (8000ppm)
BMW	320i	1992	VSS located behind instrument cluster loom No. 4	black wire white trace (8000ppm)
BMW	323i	1995-96	VSS located behind instrument cluster	brown wire red trace (8000ppm)
BMW	most models	?	Pin 1 ISO A connector behind radio cassette	black white wire
CHRYSLER	CHEROKEE	1994	ECU below glove box, pin no 3	white with orange trace
CHRYSLER	CHEROKEE	1997	L/H side firewall, 12 pin connector	white with orange trace
CHRYSLER	NEON	1996	ECU in engine bay beside L/H shock tower	white with orange trace
CHRYSLER	WRANGLER	1996	ECU or harness from transmission	white with orange trace
CITROEN	XANTIA	1994	VSS located at transmission 3 pin connector	green wire (8000ppm)
CITROEN	XM Y3/Y4	1991-	Pickup required	
DAEWOO	DAEWOO	1994	VSS located in drivers side kick trim pin 10 of 24 pin connector	brown wire (4000ppm)
DAEWOO	CIELO	1994-95	VSS located in drivers side kick trim pin 10 of 24 pin connector	brown wire (8000ppm)
DAEWOO	CIELO (automatic)	1996-97	ECU. Pin B2	yellow with black trace
DAEWOO	CIELO (manual)	1996-97	ECU. Connector b pin no. 2	brown wire
DAEWOO	ESPERO	1994	VSS located in drivers side kick trim pin 2 of 24 pin connector	brown wire (8000ppm)
DAEWOO	LANOS	1997-98	ECU R/H kick trim	green with white trim
DAEWOO	LEGANZA	1997	R/H side kick trim, white connector at ECU	green with white trim
DAEWOO	NUBRIA	1998	ECU in R?H kick trim, pin 16 of 18 pin plug	green with yellow trace
DAIHATSU	APPLAUSE	1994	VSS located behind centre console at ECU pin No. 8	thick yellow wire red trace (4000ppm)
DIAHATSU	APPLAUSE	1997	ECU behind centre console, pin X04.	light green with red trace
DAIHATSU	CHARADE	1991-92	VSS located at ECU 24 pin connector pin 8	yellow wire red trace (4000ppm)

DAIHATSU	FEROZA	1992 ON	VSS located at ECU pin 18	yellow wire red trace (4000ppm)
DAIHATSU	MIRA	1994-95	VSS located behind instrument cluster bottom screw speed head	
DIAHTSU	PYZAR	1997	VSS located behind glove box or console, pin no 5	yellow with red trace
DIAHTSU	SIRION	1998	ECU behind glove box, pin no. 30.	
DIAHTSU	TERIOS	1997	ECU L/H side kick trim, up high, 22 pin connector	light green with red trace
FIAT	COUPE 175	1994	Pin 4 of 4 pin connector behind instrument cluster	light blue wire
FIAT	BARCETTA 183	1995	Pin 1 of white 8 pin connector behind instrument cluster	light blue white wire
FIAT	CHROMA 154	1995	VSS signal is located on the 2 pin connector behind instrument cluster	brown wire
FORD	EXPLORER	1997	ECU	light brown with yellow trace
FORD	FALCON	XC and earlier	pickup required	
FORD	FALCON	pre XD	magnets required (use 1 magnet)	
FORD	FALCON	XD,XE,XF	connector on passenger side of engine going to transmission	white wire
FORD	FALCON	XG,XH,UTE	ECU located passenger side kick trim pin No.3	white wire (8000ppm)
FORD	FALCON	EA	connector under brake booster or under brake diagnostic plug	white wire (8000ppm)
FORD	FALCON	EB	ECU located passenger side kick trim pin No.5	white wire (8000ppm)
FORD	FALCON	ED	VSS located at ECU connector 1 pin 3. Fairmont to LTD pin no. 5	white wire fairmont to LTD pin 5 (8000ppm)
FORD	FALCON	ED 94 XR8	ECU L/H kick trim	white
FORD	FALCON	EF	VSS located at ECU Large white connector pin 58	White wire (8000ppm)
FORD	FALCON	EL	ECU in L/H side kick trim, pin no 3	white wire
FORD	Fairmont, LTD	AU	VSS located at audio system connector	White wire
FORD	F 150	1988-89	VSS located at transmission	green wire white trace (8000ppm)
FORD	FESTIVA	1997	behind instrument cluster, black plug L/H side of cluster	blue with yellow trace
FORD	FESTIVA	1997	ECU in R/H kick trim, bottom connector, pin no.7	dark green with red trace
FORD	CORSAIR	1995-96	VSS located at transmission	brown wire (8000ppm)
FORD	COURIER	1997	behind instrument cluster in black connector	dark green with red trace
FORD	LASER	pre 1992	magnets required (use 2 magnets)	
FORD	LASER	1992-96	ECU located behind console	green wire red trace (4000ppm)
FORD	LASER (Express Cruise)	1997-98	2 connectors to right of steering screen column under dash	grey with blue trace light blue plug
FORD	LASER Liata	1997	main wiring harness on left of console	green with red trace
FORD	LASER LXI	1997	ECU behind console	light green with red trace
FORD	MONDEO	1998	in engine bay, plug from transmission sender	white with blue trace
FORD	MONDEO	1995-96	VSS located behind instrument cluster	white wire blue trace (8000ppm)
FORD	TRANSIT	1998	at the base of gear box	yellow with brown trace
FORD	TELSTAR	pre 1994	requires magnets (use 2 magnets)	
FORD	MAVERICK	1993-	VSS located at ECU centre console (pin 32 petrol/pin11diesel)	yellow black wire
FORD	MONDEO GBP,BNP	1993-	VSS located on pin 3 of 60 pin connector on the ECU	white violet wire
FORD	PROBE	1991	VSS located at pin 1M of white 14 pin connector behind instrument cluster	green red wire
FORD	TELSTAR	model Efi 1994	VSS located at ECU	green wire white trace (4000ppm)

FORD	TAURUS	1996	VSS located at instrument cluster in a large white connector	grey wire black (8000ppm)
GMH	APOLLO	carburettor	pickup required	
GMH	APOLLO	early model Efi	ECU located under carpet behind centre console	violet wire white trace (4000ppm)
GMH	APOLLO	wide body 4cyl.	ECU located behind glove box top connector	violet wire yellow trace (4000ppm)
GMH	ASTRA	locally built	VSS located at transmission	brown wire (8000ppm)
GMH	ASTRA	1997 (World Cru	R?H side trim, 9 pin connector, pin no. 2	blue with red trace
GMH	BARINA	JE	ECU located at passengers kick trim	red wire blue trace (2000ppm)
GMH	BARINA	1998 1Ltr EFI	ECU L/H kick trim	red with blue trace or blue with red trace
GMH	CALIBRA	1995-96 4CYL&	at back of instrument cluster in 16 pin connector	blue with red trace
GMH	CAMIRA	JE	ECU under dash passenger side	white wire (next to a white/black) (2000ppm)
GMH	COMMODORE	VB VC VH VK	magnets required (use 2 magnets)	
GMH	COMMODORE	VL	ECU located at passenger side kick trim pin No. 29	brown wire yellow trace (2000ppm)
GMH	COMMODORE	VN VP VQ	VSS located behind radio panel	violet wire white trace (8000ppm)
GMH	COMMODORE	VR & VS	above fuse box in connector	violet wire white trace (8000ppm)
GMH	COMMODORE	VT	under bonnet R/H side next to shock tower, 3 connectors	violet with white trace
GMH	JACKAROO	2.8 litre	VSS located under dash drivers side above bonnet release	light green wire yellow trace
GMH	JACKAROO	3.2 litre	VSS located at ECU behind centre console	black wire white trace (4000ppm)
GMH	JACKAROO	1998	ECU behind centre console	white with black trace
GMH	JACKEROO	1998 (3L Turbo)	L/H side kick trim, white plug	light green with white (factory cruise plug)
GMH	JACKEROO	1995-96 Turbo	L/H Mudguard large plug near fuel filter	green with white trace
GMH	JACKAROO	1995 3.2 litre	ECU located behind centre console	black wire white trace (4000ppm)
GMH	JACKEROO	1990	in factory cruise connection behind glovebox	black with white trace
GMH	NOVA	carburettor	pickup required	
GMH	NOVA	pre Efi	requires magnets (use 2 magnets)	
GMH	NOVA	early model Efi	ECU located under carpet behind centre console	violet wire white trace (4000ppm)
GMH	NOVA	1995 model	ECU located behind centre console in 16 pin connector pin No. 13	violet wire white trace (4000ppm)
GMH	RODEO	1998	ECU on top of engine	white wire, pin no. 5, bottom row L/H side
GMH	RODEO	1994-95 model	VSS located at ECU pin in a 22 pin connector	white wire green trace (4000ppm)
GMH	RODEO	1995 model dies	VSS located behind instrument cluster	black wire red trace (4000ppm)
GMH	RODEO	1997	Blue/black trace inloom to inst.cluster near fuse panel	
GMH	RODEO	1998 Turbo Dies	R/H side under cluster	white thin wire, NOT white/silver trace
GMH	CALIBRA	1994-	Pin 1 ISO A connector behind radio cassette	blue red wire
GMH	VECTRA	1995-	Pin 1 ISO A connector behind radio cassette	blue red wire
GMH	VECTRA	1997	behind fuse panel in main harness coming from cluster	blue with red trace
GMH	ASTRA	1991	ECU located in side kick trim	blue red wire
HONDA	ACCORD	pre 1993	VSS located at grey connector next to strut tower	orange wire (4000ppm)
HONDA	ACCORD	pre 1993	in engine bay on L/H strut tower grey connector	orange wire (4000ppm)
HONDA	ACCORD	1993-1996	VSS at right hand strut tower in 14 pin connector	orange wire (4000ppm)

HONDA	CIVIC	pre 1992	requires magnets (use 2 magnets)	
HONDA	CIVIC	1992-96	VSS located at transmission drivers side 3 pin connector	blue wire white trace
HONDA	CIIVIC	1996	light blue connector under dash to right of steering column	blue with white trace
HONDA	CIVIC	1995-96	VSS located at transmission drivers side 3 pin connector	blue wire white trace (4000ppm)
HONDA	INTEGRA	pre 1990	requires magnets (use 2 magnets)	
HONDA	INTEGRA	1990-93	24 pin connector above fuse box, pin 23	yellow wire red trace (4000ppm)
HONDA	INTEGRA	1993-96	in grey connector above fuse panel	orange wire (4000ppm)
HONDA	INTEGRA	1997	in grey connector above fuse panel	orange wire
HONDA	ODDESSEY		VSS located at drivers side shock tower multi pin connector	orange wire (4000ppm)
HONDA	ACCORD CE	1991-	VSS located on middle pin of grey 3 pin connector located on the transmissio	white blue wire
HONDA	PRELUDE	1995-96	ECU under passenger carpet	orange wire
HONDA	PRELUDE BB3	1992-	VSS located on middle pin of grey 3 pin connector located on the transmissio	orange wire
HONDA	SHUTTLE	1995-	VSS located on middle pin of grey 3 pin connector located on the transmissio	orange wire
HONDA	CRV	1997	light blue connector under dash to right of steering column	blue with white trace
HONDA	CRV	1998	beind L/H kick trim green plug pin 5	blue with white trace
HONDA	CIVIC EJ9	1991-	VSS located on middle pin of grey 3 pin connector located on the transmissio	blue white wire
HONDA	CRX EH6	1992	VSS located on middle pin of grey 3 pin connector located on the transmissio	white yellow wire
HYUNDAI	EXCELL	1993-96	ECU located at drivers side under dash VSS pin 9	green wire white trace (4000ppm)
HYUNDAI	EXCELL	1998	at diagnostic plug above dashlighth dimmer, R/H side of ignition	Yellow with white trace, data link connector
HYUNDAI	LANTRA	1993-94	ECU locted under dash drivers side pin 22	yellow wire thin white trace (4000ppm)
HYUNDAI	LANTRA	1997-98	at diagnostic plug below steering column under dash	Yellow with white trace, data link connector
HYUNDAI	SONATA	1993-94	ECU located passenger side kick trim up high	yellow wire brown trace (4000ppm)
HYUNDAI	SONATA	1995	ECU located passenger side kick trim up high	yellow wire brown trace (4000ppm)
HYUNDAI	SONATA	1997-98	at diagnostic plug below fuse box	yellow with white trim
HYUNDAI	COUPE	1996	VSS signal located on black 3 pin connector behind engine block	yellow white wire
HYUNDAI	COUPE SX	1997-98	at data link connector, below dash between console & steering column	yellow with white trace
JAGUAR	XJ6 4.0	1994-	VSS signal pin 1 of yellow 8 pin plug in the centre console	blue wire
JAGUAR	XJS 4.0	1994	VSS signal is at pin 2 of black 6 pin connector located on the centre console	white yellow wire
LANCIA	CAPPA 838	1995-	VSS signal is at pin 14 of black 20 pin connector behind instrument cluster	yellow black wire
LANCIA	Y 540	1996	VSS signal is on pin 16 of white 20 pin connector behind instrument cluster	light blue white wire
LANCIA	DELTA 836	1991	VSS signal is on pin 7 of black 8 pin connector behind instrument cluster	sky blue wire
MAZDA	ASTINA V6	1994-95	VSS located left side of console in main wiring loom to ECU	green wire red trace (4000ppm)
MAZDA	B2600 4WD	1997	ECU on L/H side in pin 22 connector	green with red trace
MAZDA	EUNOS	pre 1993	VSS located at ECU behind console lowest connector	black wire red trace (4000ppm)
MAZDA	EUNOS	1993-95	VSS located at ECU behind console lowest connector	violet wire yellow trace (4000ppm)
MAZDA	EUNOS 30X	1994	VSS located on transmission control unit above brake pedal	violet wire red trace (4000ppm)
MAZDA	EUNOS V6	1995	VSS located at ECU under console access passenger side	violet wire red trace (4000ppm)
MAZDA	MPV		ECU on L/H side in pin 22 connector	green with red trace

MAZDA	MX-6	1993-94	ECU located behind console / VSS pin 22	green wire red trace (4000ppm)
MAZDA	MX-5	1994	VSS located at ECU	green wire red trace (4000ppm)
MAZDA	MX-5	1998	behind instrument cluster	orange wire
MAZDA	RX-7	1993-94	VSS located at 20 pin connector above clutch pedal	green wire red trace (4000ppm)
MAZDA	Metro	1997	at diagnostic connector	black with white trace
MAZDA	121	1993-94	ECU above accelerator pedal in yellow connector, pin no 7	green with red trace
MAZDA	121	1995-96	ECU above accelerator pedal in yellow connector, pin no 7	yellow with red trace
MAZDA	Metro 121	1997	ECU located drivers side above accelerator pedal yellow connector pin 7	green wire red trace (4000ppm)
MAZDA	323	pre 1992	requires magnets (use 2 magnets)	
MAZDA	323	1993-94	behind instrument cluster	green with red trace
MAZDA	323	1994	ECU located behind console connector closest to driver side	green wire red trace (4000ppm)
MAZDA	323 Astina	1994-95	L/H side of console in main loom to ECU	green with red trace
MAZDA	323 Astina	1996-97	at under R/H side dash above fuse panel large green plug	green with red trace, silver dot
MAZDA	323 Protégé	1997	at under R/H side dash above fuse panel	green with red trace
MAZDA	626	pre 1989	requires magnets (use 2 magnets)	
MAZDA	626	1989	VSS located in large green connector above brake switch	green wire red trace
MAZDA	626	1991-92	transmission control unit under L/H side feet	green wire red trace (4000ppm)
MAZDA	626	1992-97	behind instrument cluster	green with red trace
MAZDA	626	1998	behind instrument cluster, R/H side plug	orange wire
MAZDA	929	1991-92	VSS located at transmission control unit under passenger side feet	green wire red trace (4000ppm)
MERCEDES	190E	1987	VSS signal located behind instrument cluster	green wire yellow trace (8000ppm)
MERCEDES	220E	1992	pickup required	
MERCEDES	380sec	1980	VSS signal located behind instrument cluster	green wire black trace (8000ppm)
MERCEDES	500sel	1992	VSS signal located behind instrument cluster	green wire black trace (8000ppm)
MERCEDES	C180	1994	VSS signal located behind instrument cluster	green wire yellow trace (8000ppm)
MERCEDES	C180 +ABS	1995	behind instrument cluster	green with white trace (162750ppm)
MERCEDES	C200	1996	behind instrument cluster	green with white trace (15000ppm)
MERCEDES	C W202	1993	Pin 1 ISO A connector behind radio cassette	green/white wire
MERCEDES	190 201	1991-93	Pin 1 ISO A connector behind radio cassette	green/yellow wire
MERCEDES	E W210,W124	1991	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	E CABRIO W210		Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	S,SL 140	1991	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	G	1994	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	SPRINTER	Bm 901	VSS behind speedometer	blue black wire
MERCEDES	VITO	Bm 638	VSS located behind instrument cluster black 8 pin connector	white wire
MERCEDES	SL	129 model 1996	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	S-KLASSE	140und 140mod	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	alte S-KLASSE	126	VSS located behind instrument cluster black 8 pin connector	white wire

MERCEDES	E-KLASSE(neu)	210	Pin 1 ISO A connector behind radio cassette	green black wire
MERCEDES	E-KLASSE(alt) und 190	124, 124 T, 124 C	VSS located on black one pin connector back of instrument cluster	green yellow wire
MERCEDES	C-KLASSE	HO 202	Pin 1 ISO A connector behind radio cassette	green white wire
MERCEDES	C-KLASSE	HO 202	VSS on pin 2 of 20 pin connector behind instrument cluster	green white wire
MG	MGF	1997	clear multi pin connector on R/H side of steering column	yellow with green trace (4000ppm)
MITSUBISHI	LANCER	GSR	ECU located at passenger side kick trim	yellow wire white trace (4000ppm)
MITSUBISHI	LANCER	1992-95	VSS located at ECU large 22 pin connector	yellow wire white trace (4000ppm)
MITSUBISHI	LANCER	1996-97 Mirage	ECU in passenger side kick trim	yellow with white trace
MITSUBISHI	LANCER	1996 GSR	ECU passenger side kick trim	yellow with white trace
MITSUBISHI	L300		requires magnets (use 2 magnets)	
MITSUBISHI	L300	1994	VSS signal located behind instrument cluster	yellow wire white trace
MITSUBISHI	MAGNA	carburettor	pickup required	
MITSUBISHI	MAGNA	non efi		
MITSUBISHI	MAGNA	TE/TF	ECU against fire wall, under ashtray	white with blue trace
MITSUBISHI	MAGNA	TN on 4cyl & V6	ECU located at passenger side kick trim connector closest to fire wall	yellow wire white trace (4000ppm)
MITSUBISHI	MAGNA	TR 1996-98	ECU in passengers kick trim, pin no 18	yellow with white trace
MITSUBISHI	MAGNA	1996	VSS located at square connector under dash next to console drivers side	white wire blue trace (4000ppm)
MITSUBISHI	PAJERO	1996-97 petrol	ECU in passenger side kick trim	yellow with white trace
MITSUBISHI	PAJERO	1996-97 deisel	VSS signal located behind instrument cluster	yellow wire white trace (4000ppm)
MITSUBISHI	STARWAGON	1995	ECU left hand kick trim	yellow with red trace
MITSUBISHI	STARWAGON	1997	ECU left hand kick trim	yellow with red trace
MITSUBISHI	TRITON	1997-98	ECU left hand kick trim	yellow
MITSUBISHI	TRITON	1997	ECU left hand kick trim	yellow with white trace
MITSUBISHI	NIMBUS	1997	ECU passenger kick trim	yellow with white trace
MITSUBISHI	EXPRESS VAN	1996-97	ECU left hand side pillar	blue wire
MITSUBISHI	CHALLENGER	1998	at diagnostic plug behind bonnet release lever	yellow with white trace
MITSUBISHI	WALK THROUGH VAN	1995	VSS located at ECU	yellow wire red trace (4000ppm)
NISSAN	BLUEBIRD	1995-96	VSS located at ECU	yellow wire green trace (2000ppm)
NISSAN	MAXIMA	1995-96	VSS located in a 20 pin drivers side not connected to anything	pink wire blue trace (2000ppm)
NISSAN	MAXIMA	1998	ECU behind console	white with blue trace
NISSAN	MICRA	1995	VSS located behind instrument cluster white 12 pin connector	yellow wire blue trace (2000ppm)
NISSAN	NAVARA	1998	ECU between steering column & console	white with blue trace(2000ppm)
NISSAN	NX COUPE	1992	ECU behind console	yellow with green trace (2000ppm)
NISSAN	PATHFINDER	1995	ECU located under drivers seat	VSS is white wire blue trace (2000ppm)
NISSAN	PATHFINDER	1996	ECU located under dash	VSS is light blue wire (2000ppm)
NISSAN	PATROL	pre 1992	VSS located behind instrument cluster white connector	orange wire (2000ppm)
NISSAN	PATROL	1992-94	ECU located at passenger side feet	VSS is blue wire pink trace (2000ppm)
NISSAN	PATROL	1995	VSS located behind instrument cluster	blue wire pink trace (2000ppm)

NISSAN	PATROL	1995-96 diesel	VSS located behind instrument cluster	orange wire (8000ppm)
NISSAN	PATHFINDER	1998	ECU between steering column & console	white with blue trace (2000ppm)
NISSAN	PATROL	1998	white plug, bottom plug of 3 plugs between clutch & ECU	blue with orange(2000ppm)
NISSAN	PULSAR	import 1993	ECU located behind console access passenger side	yellow wire green trace (2000ppm)
NISSAN	PULSAR	1997-98	ECU at L/H side kick trim	violet with red trace
NISSAN	PINTARA	locally built	VSS location transmission passenger side of motor	brown wire (8000ppm)
NISSAN	PULSAR	1994	VSS located at ECU pin 26	violet wire red trace (2000ppm)
NISSAN	PULSAR Q	1995	ECU located at console access passenger side 18 pin connector	yellow wire green trace (2000ppm)
NISSAN	PULSAR	1996	ECU behind L/H side console, pin no 26	violet with red trace
NISSAN	PULSAR SSS	1993	at transmission on L/H side of motor	green
NISSAN	PULSAR	1996 model	ECU located behind console access passenger side pin No. 16	blue wire black trace (2000ppm)
NISSAN	SKYLINE	locally built	ECU located in passenger side kick trim No. 29	white wire blue trace (2000ppm)
NISSAN	200SX	1994-95	VSS located at ECU	yellow wire green trace (2000ppm)
NISSAN	200SX	1994-95	VSS located at ECU pin 35	yellow wire green trace (2000ppm)
NISSAN	200SX	1998	ECU L/H side kick trim	yellow with green trace (2000ppm)
NISSAN	NAVARA	1994-95	VSS located behind instrument cluster	white wire blue trace (2000ppm)
NISSAN	NAVARA	1996-97	ECU under drivers seat	white with blue trace(2000ppm)
NISSAN	R50 wagon	1996	VSS located in a connector left side of steering column pin 8	white wire blue trace (2000ppm)
NISSAN	200 /S13,S14	1991-	Central connector behind fuse box	yellow green wire
NISSAN	MAXIMA	1992-95	Central connector behind fuse box	light blue wire
NISSAN	MAXIMA QX	1995-	20 pole connector under centre console	pink blue wire
NISSAN	PATROL Y60	1991-95	8 pin plug on side of engine block	light blue wire
NISSAN	PATROL Y60	1988	Pin 3 of white 12 pin connector behind speedometer	light blue wire
NISSAN	TRANSPORTER	1995	12 pin connector behind instrument cluster	red blue wire
NISSAN	TERANO II	1998	ECU harness L/H side access	yellow with black trace
NISSAN	TERANO II	Diesel	behind cluster	white with blue trace (2000ppm)
PEUGEOT	306	1995	VSS located at transmission passenger side of engine three wire loom	green wire white trace (8000ppm)
PEUGEOT	306	1996	behind instrument cluster in blue connector	brown wire (8000ppm)
PEUGEOT	405 T/DIESEL	1995	pickup required	
PEUGEOT	406 SRI/MI16	1994	at gearbox near back of motor, wire numbered 1624	white or green wire (8000ppm)
PEUGEOT	406		at transducer at rear of engine in 3 wire connector	wire numbered 1360 (8000ppm)
PEUGEOT	406 Deisel Man		behind instrument cluster, yellow plug	grey wire numbered 465 (8000ppm)
PEUGEOT	406 / 8B	1995-	Pin 21 of yellow plug at the back of instrument cluster	brown wire
PORSCHE	911 33/34	1991-	Pin 4 of 8 pin connector at back of instrument cluster	green wire
PORSCHE	928 GT	1991	Pin 1 of brown distribution connector located near fuse board	blue red wire
PORSCHE	BOXSTAR	1996	Pin 1 of 21 pin connector on drivers side fire wall	black white wire
PROTON	400ER /C98L	1995	Pin 14 of 22 pin distribution connector located near glove box	yellow white wire
RENAULT	RENAULT	1995	VSS located at ECU behind drivers side head light pin 3	brown wire (2000ppm)

RENAULT	LAGUNA B56	1994-	Pickup required	
ROVER	DISCOVERY	1994	VSS located behind instrument cluster	yellow wire white trace (8000ppm)
ROVER	DISCOVERY	1995	VSS located in big red connector coming down from instrument cluster	yellow wire pink trace (8000ppm)
ROVER	DISCOVERY	1996	next to steering column, big red connector	yellow with pink trace (8000ppm)
ROVER	DISCOVERY	1996 T/DIESEL	VSS located in big red connector next to steering column	yellow wire pink trace (8000ppm)
ROVER	DISCOVERY	1997-98	red 20 pin connector, under dash L/H side steering column	yellow with pink trace (8000ppm)
ROVER	FREELANDER	1998	24 pin connector L/H side of fuse box	white with orange trace (4000ppm) actually 50
ROVER	RANGE ROVER	1994-95	VSS located at fire wall passenger side coming up from transmission	yellow wire (8000ppm)
ROVER	VITESSE	1995	VSS located in engine compartment next to brake booster 3 pin connector	red wire black trace (4000ppm)
SAAB	900	pre 1993	pickup required	
SAAB	900	EFI pre 1993	VSS located behind instrument cluster (2000ppm)	
SAAB	900	EFI 1993 on	VSS located behind instrument cluster black connector	blue wire (2000ppm)
SAAB	9000	1993-94	Factor cruise control wiring under dash drivers side	green wire (2000ppm)
SAAB	9000	1995	VSS located in engine compartment 10 pin connector close to brake booster	green wire (4000ppm)
SEAT	CORDOBA	1995	VSS located at transmission	white blue trace (8000ppm)
SEAT	CORDOBA 6K/C	1993	Pin 7 of 28 pin connector of instrument cluster	purple wire
SEAT	ALHAMBRA	1996	Pin 7 of 28 pin connector of instrument cluster	purple wire
SSANG YONG	MUSSO FJ	1996	Pin 4 of 16 pin connector of instrument cluster	yellow white wire
SUBARU	LIBERTY	1993-94	ECU located under dash drivers side VSS in connector closest to dash	green wire black trace (4000ppm)
SUBARU	IMPREZA	1993-94 TURBO	ECU located under carpet passenger side feet	green wire (4000ppm)
SUBARU	TOURING WAGON	1989	VSS located at ECU 16 pin connector pin No. 9 (4000ppm)	
SUBARU	4X4 WAGON		pickup required	
SUBARU	IMPREZA	1993-94	ECU under L/H side carpet	green with black trace (4000ppm)
SUBARU	IMPREZA WRX Turbo	1993-95	ECU under L/H side carpet	dark green wire (4000ppm)
SUBARU	IMPREZA	1995	above bonnet release R/H side in blue connector	dark green wire (4000ppm)
SUBARU	IMPREZA WRX Turbo	1996	in 3 wire connector on top of transmission	black wire, furthest away from the red wire (40
SUBARU	IMPREZA	1998	in two wire connector R/H side transmission	black(two blacks, one is ground) (10,000ppm)
SUBARU	IMPREZA WRX Turbo	1998	ECU under carpet L/H side, centre connector	green with black trace (4000ppm)
SUBARU	LEGACY BD/BG	1994	Pin 1 of yellow 16 pin connector on ECU	green black wire
SUZUKI	SWIFT	EFI model	VSS located in a connector above fuse panel	yellow wire green trace (4000ppm)
SUZUKI	VITARA	EFI model	ECU located under dash drivers side yellow connector	yellow wire (4000ppm)
SUZUKI	BALENO	EFI model	ECU located under dash drivers side yellow connector	yellow wire (4000ppm)
SUZUKI	VITARA V6	1997	ECU in R/H side kick trim, green 16 pin connector	yellow wire (4000ppm)
SUZUKI	GRAND VITARA	1998	loom above blue connector above R/H kick trim	light blue with yellow (4000ppm)
TOYOTA	CAMRY	pre EFI	requires magnets (use 2 magnets)	
TOYOTA	CAMRY	carburettor	pickup required	
TOYOTA	CAMRY	early model Efi	ECU located behind console	violet wire yellow trace (4000ppm)
TOYOTA	CAMRY	wide body 1994	ECU located behind glove box	violet wire yellow trace (4000ppm)

TOYOTA	CAMRY	1998	at ECU behind glove box, top plug	violet with white trace (4000ppm)
TOYOTA	CELICA	1992-93	VSS located at ECU behind console	blue wire white trace (4000ppm)
TOYOTA	CELICA	pre 1994	VSS located at ECU behind console	blue wire white trace (4000ppm)
TOYOTA	CELICA	1995-96	VSS located at ECU behind console pin 9	orange wire (4000ppm)
TOYOTA	CELICA	1995	at ECU behind centre console, largest plug	orange wire (4000ppm)
TOYOTA	COROLLA	EFI model & 4W	ECU located behind console / VSS pin13 of 16 pin connector	violet wire white trace (4000ppm)
TOYOTA	COROLLA	1993-94	ECU located behind console / VSS pin11 of 12 pin connector	violet wire white trace (4000ppm)
TOYOTA	COROLLA Conquest	1996	at ECU behind console smallest plug	violet with white trace (4000ppm)
TOYOTA	COROLLA	1995-1996	ECU located behind console / VSS pin13 of 16 pin connector	violet wire white trace (4000ppm)
TOYOTA	HI-ACE	EFI 1994	VSS located under floor mat in centre of vehicle	red wire black trace (4000ppm)
TOYOTA	HI-ACE	1997	at ECU medium size plug	violet with white trace (4000ppm)
TOYOTA	HI-LUX	1997	at ECU behind glove box, plug to extreme	green with orange trace (4000ppm)
TOYOTA	LANDCRUISER	EFI 1993-94	VSS located in a connector loose above the brake pedal	black wire red trace (4000ppm)
TOYOTA	LANDCRUISER	diesel 1993-94	VSS located behind instrument cluster	black wire red trace (4000ppm)
TOYOTA	LANDCRUISER	late 1995-96	VSS and TACH located in a connector loose above brake pedal	blue wire white trace (4000ppm)
TOYOTA	LANDCRUISER	late 1995-96 die	VSS located in a connector loose above the brake pedal	black wire orange trace (4000ppm)
TOYOTA	LANDCRUISER	1999	VSS at ECU	red/blue
TOYOTA	LITE-ACE	1992	VSS located at ECU pin No. 13	green wire yellow trace (4000ppm)
TOYOTA	LITE-ACE	1997	at ECU L/H kick trim, bottom plug	red with blue trace (4000ppm)
TOYOTA	MR-2	EFI model 1994	VSS located passenge side kick trim loose connector	violet wire white trace (4000ppm)
TOYOTA	PASEO	EFI	VSS located at ECU	blue wire white trace (4000ppm)
TOYOTA	PASEO	1991-94	at ECU pin no 13	
TOYOTA	PASEO	1997	at ECU behind centre console, smallest plug	blue with white trace (4000ppm)
TOYOTA	PRADO	1998	at ECU behind glove box, plug on far right	violet with white trace (4000ppm)
TOYOTA	RAV 4	1995	VSS located at ECU	violet wire white trace (4000ppm)
TOYOTA	SECA	1996	at ECU behind consolein 12 pin connector, pin no 11	violet with white trace (4000ppm)
TOYOTA	SPACIA	1994-95	ECU located at door pillar	VSS is a white wire blue trace (4000ppm)
TOYOTA	SPACIA	1997	at ECU L/H kick trim, bottom plug	red with blue trace (4000ppm)
TOYOTA	STARLET	1996	ECU behind glove box, bottom plug	violet with white trace (4000ppm)
TOYOTA	STARLET	1996-97	at ECU pin no 13	violet with white trace (4000ppm)
TOYOTA	SUPRA	1990-95	at ECU, pin no 9	pink wire (4000ppm)
TOYOTA	TARAGO	1992 on	VSS located in the main wiring harness coming down from instrument cluster	violet wire white trace (4000ppm)
TOYOTA	TARAGO	1996	in main wiring harness from instrument cluster	violet with white trace (4000ppm)
TOYOTA	4 RUNNER V6	1993-94	VSS located at ECU pin No. 22	liht blue wire (4000ppm)
TOYOTA	LEXUS	GS300 1993	ECU located under passenger kick panel / VSS pin2 of 40 pin connector	violet white wire
TOYOTA	LEXUS	LS 400 1992-	Behind glovebox near cruise control / VSS pin 20 of the green 26 pin connect	violet white wire
TOYOTA	LANDCRUISER Deisel M	1998	behind glove box	violet with blue rings (4000ppm)
TOYOTA	LANDCRUISER Deisel A	1998	at ECU next to clutch pedal, top plug	violet with blue rings (4000ppm)

TOYOTA	LANDCRUISER (100 SE	1998-	VSS signal is violet wire in connector taped to main loom top RHS kick trim	violet wire
TOYOTA	4 RUNNER	V6	at ECU, pin no 22	light blue wire (4000ppm)
TOYOTA	4 RUNNER	1993-94	VSS located at ECU passenger side kick trim	green wire blue trace (4000ppm)
TOYOTA	TOWN ACE	1995	at ECU, pin no 13	green with yellow trace (4000ppm)
TOYOTA	TOWN ACE	1996-97	at ECU, high in L/H side klick trim, pin no 11	red with blue trace (4000ppm)
VOLKSWAGON	GOLF	1994	VSS located in engine bay left side of engine near transmission	white wire blue trace (8000ppm)
VOLKSWAGON	GOLF VR6	1995	VSS & TACH located in multi pin connector on top of engine	white wire blue trace (8000ppm)
VOLKSWAGON	TRANSPORTER	1995	pickup required	
VOLKSWAGON	TRANSPORTER	1996	at gearboxin 3 wire connector	white with blue trace (8000ppm)
VOLKSWAGON	GOLF/VARIANT	1992-	Pin 1 ISO A connector behind radio cassette	blue white wire
VOLKSWAGON	PASAT/P.VARIANT 351	1992-	Pin 1 ISO A connector behind radio cassette	blue white wire
VOLKSWAGON	SHARAN	1995-	Pin 1 ISO A connector behind radio cassette	blue white wire
VOLKSWAGON	VENTO HXO	1992-	Pin 1 ISO A connector behind radio cassette	blue white wire
VOLKSWAGON	CARVELLE T4 4D	1996	Pin 1 ISO A connector behind radio cassette	blue white wire
VOLVO	244/245	?	VSS located behind instrument cluster two male connectors	grey and blue wires both are VSS
VOLVO	440	?	VSS located at ECU pin 13	white wire red trace (8000ppm)
VOLVO	740		behind instrument cluster in 3 pin connector	white with green trace (8000ppm)
VOLVO	850	1993-	pin 38 of red 39 pin plug located to the left of steering wheel column	yellow wire black trace (4000ppm)
VOLVO	940 945-965	1991-	VSS signal located behind instrument cluster	orange green or grey orange wire
VOLVO	940 GL	1993	behind instrument clusterL/H side of speedo, dual terminal	white with brown trace (8000ppm)
VOLVO	960 964 965	1994-	VSS located at ECU pin12 of 38 pin connector	green orange wire
VOLVO	S4 V41,V44	1996-	Pin 3 of white 20 pin plug located behind centre consol panel	yellow red wire