



# APUNISW2 Universal Steering Wheel Control for CAN-Bus & Resistive Vehicles

New and Updated Vehicle Applications



INSTRUCTION MANUAL



### **About**

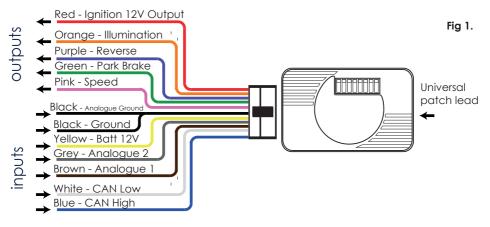
The Aerpro APUNISW2 covers a wide range of both CAN-Bus and analogue vehicles, allowing steering wheel control retention with almost every steering wheel control compatible head unit on the market.

### Installation

- 1: Remove and disconnect the original head unit.
- 2: Connect the Universal patch lead to the APUNISW2 interface and to the aftermarket head unit steering wheel control input.
- **3:** Set the correct dipswitch settings on the APUNISW2 (see Fig 2.) according to the vehicle it is being fitted into. See car specific diagrams for further information.
- Install into the vehicle using Interface Connections (Fig 1.) and the car specific wiring information overleaf.

NOTE: Car manufacturers can change wiring specifications without notice. Ensure that the correct wires are located before commencing installation.

### **Interface Connections**



### **Dipswitch Settings**

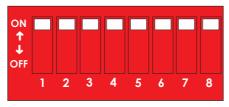


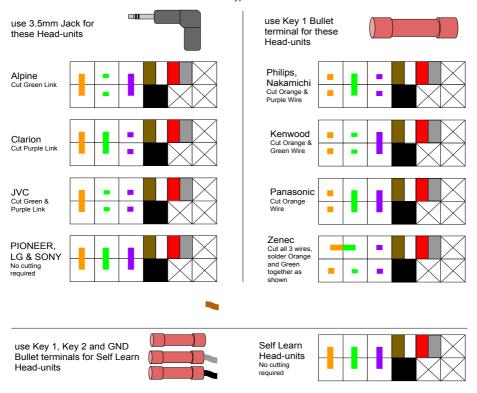
Fig 2.

Set the dipswitches 1-7 according to the car specific settings overleaf.

Set dipswitch 8 to ON when fitting the APUNISW2 interface with a Pioneer head unit.

Ensure dipswitch 8 is set to OFF when fitting with a Sony head unit.

APUNIPL2
Universal C type Patch Lead



For best results or to reset the control module with a new Brand. Please make modifications to the Patch lead first, before connecting to the steering wheel control module and before powering the module up.

	gratedana			Phone	10/10/2 TOO TOO TO TO	_		Dips	witch Se	etting		_
Make	Model	Year From	Year To	Button Support	CAN/Analogue	1	2	3	4	5	6	1
	147	2000	2007	×	Analogue		ON	ON	ON	ON	174	C
	147	2007	2010	×	CAN	75	ON	ON	ON	-	ON	C
	156	2000	2007	×	Analogue		ON	ON	ON	ON	- 64	(
	159	2005	2011	V	CAN	16	ON	ON	193	ON	ON	(
	4C/M/To/Giulietta	2013		V	CAN - Open Dash	ON	ON	ON	ON	ON	ON	П
	4C/MiTo/Giulietta	2013		1	CAN Type1		ON	ON	ON	ON	ON	
Alfa Romeo	4C/MiTo/Giulietta	2013	1	V	CAN Type2	ON	1063	ON	ON	ON	ON	
	4C/MiTo/Giulietta	2013		1	CAN Type3	*	(00)	ON	ON	ON	ON	
	Brera	2005	2010	V	CAN	-	ON	ON	5400	ON	ON	1
	Giulietta	2010	2014	V	CAN		ON	ON	ON	ON	ON	1
	GT	2004	2008	×	Analogue	-	ON	ON	ON	ON	-	1
	GT	2008	2010	×	CAN	-	ON	ON	ON	-	ON	1
	Mito	2008	2014	1	CAN		ON	ON	ON	ON	ON	-
	A1	2010	1995	V	CAN	ON	ON		ON	ON	ON	
	A3	2003	2012	V	CAN	ON	ON		ON	ON	ON	-
	A4	2005	2015	V	CAN	ON	ON	-	ON	ON	ON	-
Audi	A4	2001	2005	-	77.77	ON	ON	-	ON	ON	ON	1
ALC:	A6	2001	2005	1	CAN	ON	ON	-	ON	ON	ON	-
	TT	2004	2011	_	CAN	ON	ON	-	ON	ON	ON	1
			-	V	CAN		35.33	-8-				100
	тт	2003	2006	V	CAN	ON	ON	-	ON	ON	ON	(
	1 Series	2004	2013	V	i-Bus	ON		ON	ON		ON	(
	3 Series	1998	2005	V	CAN	ON	ON		ON		ON	
	3 Series	2005	2012	V	CAN	ON	ON		ON		ON	
	5 Series	1996	2004	· V	i-Bus	ON	920	ON	ON	- D	ON	
	5 Series	2004	2010	<b>V</b>	CAN	ON	ON		ON	-	ON	
	6 Series	2003	2010	V	CAN	ON	ON	. 9	ON	J 8 ,	ON	(
BMW	7 Series	1994	2001	V	i-Bus	ON	5940	ON	ON	<u>⊊</u>	ON	(
DWAA	7 Series	2001	2008	V	CAN	ON	ON	- 2	ON	-	ON	(
	Mini	2001	2006	V	i-Bus	ON	- 20	ON	ON	125	ON	
	Mini	2006	2012	V	CAN	ON	ON	-	ON	18	ON	
	хз	2004	2010	1	i-Bus	ON	100	ON	ON	- 2	ON	1
	X5	2000	2006	V	i-Bus	ON	140	ON	ON		ON	1
	Z4	2002	2008	V	i-Bus	ON	7.00	ON	ON	-	ON	1
	Z4	2009		V	CAN	ON	ON		ON		ON	-
Chery	Tigo	2013	-					ON	0.1	ON	ON	-
	_	_	2011	×	Analogue				-	_	_	١.
Chrysler	Delta	2011	2014	V	CAN		ON	ON	•	ON	ON	(
	Berlingo	2008		×	CAN	196	ON		1,4,1	ON	ON	(
	C1	2014		V	Analogue	ON		-	ON	ON	- 04	(
	C2	2005	2009	×	CAN	100	ON		190	ON	ON	(
	C2	2005	2009	×	CAN	- 1	ON	-		ON	ON	
	C3	2006		×	CAN	*	ON	*	((*))	ON	ON	-
	C3	2006		×	CAN	*	ON		(*)	ON	ON	-
	C3 Picasso	2009		×	CAN		ON	8	*	ON	ON	(
	C4	2004	2010	×	CAN		ON			ON	ON	
	C4	2004	2010	×	CAN	35	ON		890	ON	ON	-
	C4 Picasso	2006		×	CAN	-	ON	- 8	277	ON	ON	1
	C5	2005	2008	×	CAN		ON		(5)	ON	ON	1
02200000000	C5	2005	2008	×	CAN		ON			ON	ON	1
Citroen	C8	2005	2014	×	CAN	-	ON		-	ON	ON	-
	C8	2005	2014	×	CAN	-	ON	-	-	ON	ON	-
	Dispatch	2007		×	22200		ON	ON	ON		ON	1
	DS3	2009		×	Analogue CAN		ON	-	3/11	ON	ON	1
	Evasion	1996	2002	_		-	ON	ON	ON	ON	ON	1
		2006	2002	X	Analogue	-	ON	ON	ON		ON	1
	Jumper	-	-	×	CAN	-	-	_	-		-	-
	Jumper	2008	2013	×	CAN	-	ON	ON		-	ON	(
	Jumper	2014		√	CAN	ON	200	ON	ON	ON	ON	-
	Relay	2006	2008	×	CAN	- 1	ON	ON	ON	. 4	ON	
	Relay	2008	2014	×	CAN	2	ON	ON	140	-	ON	-
	Relay	2007		×	Analogue	12	ON	ON	ON	-	ON	(

	Aveo	2002	2011	-√	Analogue		- 5	ON	ON		ON	ļ
	Captiva	2006	2011	√	Analogue	18	- 13	ON	ON		ON	
	Daewoo Winstorm	2008	2011	√	Analogue	14	- 6	ON	ON	1.2	ON	
Chevrolet	Holden Captiva	2008	2014	-√	Analogue	19	- 83	ON	ON	1.0	ON	L
	Spark	2010	2015	V	Analogue	12	- 40	ON	ON	- 4	1331	L
	S10	2012		√	Analogue	ON	ON			ON		L
	Sonic	2013		V	Analogue	- Si .		ON	ON		3.0	
	Spark	2013	2015	√	Analogue	12	20	ON	ON	9	(68)	
	500	2007		√	CAN		ON	ON	ON	ON	ON	Γ
	Doblo	2009	2015	1	CAN		ON	ON	ON	ON	ON	
	500L	2012	2	✓	CAN - Open Dash	ON	ON	ON	ON	ON	ON	
	500L	2012		√	CAN Type 1		ON	ON	ON	ON	ON	Ī
	500L	2012		√	CAN Type 2	ON	- 13	ON	ON	ON	ON	Γ
	500L	2012		1	CAN Type 3	(4	- 80	ON	ON	ON	ON	
	Bravo	2007	2014	√	CAN	14	ON	ON	14	ON	ON	Г
	Citroen Nemo	2007		1	CAN	19 [	ON	ON	ON	ON	ON	Ī
	Dodge RAM ProMaster	2014		1	CAN							Т
	Ducato	2011	2014	1	CAN		ON	ON	ON	ON	ON	Т
	Ducato	2006	2008	×	CAN							
	Ducato	2008	2014	×	CAN							
	Ducato	2012	2014	×	CAN		y					
	Ducato	2014	2014	1	CAN							T
Flor	Ducato	2007	2011	×	Analogue		ON					Т
Fiat	Ducato	2015	7	V	CAN - Open Dash	ON	ON	ON	ON	ON	ON	Т
	Ducato	2015	7	1	CAN Type 1		ON	ON	ON	ON	ON	T
	Ducato	2015		V	CAN Type 2	ON	-	ON	ON	ON	ON	Ť
	Ducato	2015		1	CAN Type 3			ON	ON	ON	ON	T
	Fiorino	2007		V	CAN	19	ON	ON	ON	ON	ON	t
	Idea	2006	2012	1	CAN	12	ON	ON	ON	ON	ON	Ť
	Multipla	2004		×	Analogue		ON					t
	Panda	2007	2012	x	CAN	- 1	ON	ON			ON	t
	Panda	2004	2007	×	Analogue		ON					T
	Peugeot Bipper	2008		√	CAN	12	ON	ON	ON	ON	ON	T
	Punto	2005		1	CAN	- G .	ON	ON	ON	ON	ON	t
	Qubo	2007		1	CAN		ON	ON	ON	ON	ON	Ť
	Ritmo	2007	2014	1	CAN		ON	ON		ON	ON	t
	Sedici	2006	2014	×	Analogue	-						T
	Stilo	2001	2007	1	CAN		ON	ON	143	ON	ON	t
	C-Max	2003	2010	×	CAN/Analogue		ON		ON	ON	ON	t
	F150	2004	2008	×	Analogue	-	20	ON		-	ON	t
	Falcon AU Series 2 & 3	2000	2002	×	Analogue		- 25				1011	t
	Flesta	2000	2001	×	Analogue		- 20	ON			ON	t
	Fiesta	2005	2008	×		-	ON	-	ON	ON	ON	t
	Flesta	2002	2005	X	CAN/Analogue	-	-	ON			ON	t
	Fiesta	2013		×	Analogue	1		ON	723	ON	ON	t
	Focus	1998	2004	×	Analogue	-		ON		-	ON	1
	Focus	2004	2011	×	Analogue		ON		ON	ON	ON	t
	Fusion	2005	2012		CAN/Analogue		ON		ON	ON	ON	t
	Fusion	2002	2005	×	CAN/Analogue			ON		-	ON	+
Ford	Galaxy	2002	2006	X	Analogue		-	ON		-	ON	t
	Galaxy	2006	2000	X	Analogue		ON	JII	ON	ON	ON	۲
	Kuga	2008	2012	×	CAN/Analogue		ON		ON	ON	ON	t
	Mondeo	2000	2012	X	CAN/Analogue		OH	ON	UN	OIL	ON	H
	Mondeo	2000	2004	X	Analogue		ON	UN .	ON	ON	ON	H
	Puma	1997	2014	X	CAN/Analogue		UN	ON	- ON	- UN	ON	H
		_	2002	X	Analogue	-	_		_		_	H
	S-Max Transit	2006	2006	X	CAN/Analogue	-	ON -	ON	ON .	ON .	ON	H
	Transit	1,000		×	Analogue			ON		_	ON	H
	Transit	2006	2013	X	CAN/Analogue		ON		ON	ON	ON	1
	Transit	2013		x	Analogue	- 4		ON		ON	ON	

	Steed	2011		х	Analogue	ON	1.5	ON		-	ON	0
Great Wall	Wingle	2011		х	Analogue	ON	1,71	ON			ON	0
	H6	2012		√	Analogue	ON	(6)	. (4)	9	- 6		
	Commodore VT-VX	1997	2002	x	Analogue	ON	ON	ON	- 04		ON	
Holden	Commodore VY-VZ	2002	2007	х	Analogue		721		14	. 25	ON	1
	Astra, Barina, Vectra		2004	×	Analogue	ON	1127	ON	(6)	1 25	ON	
larley Davidson	Street Glide	2015		x	CAN		ON	ON	19	ON	ON	
-	Amaze	2012		x	Analogue	ON	ON	ON	-	ON	ON	
	City	2008	2013	×	Analogue	ON	ON	ON	54	ON	ON	1
	City	2014		Ĵ	Analogue	ON	ON	-	-	ON	ON	Н
	Civic	2005	2012	×	Analogue	ON	ON	ON	-	ON	ON	
	Civic	2012		V	CAN	ON		ON				1
	CR-V	2007	2009		-	ON	ON	ON		ON	ON	1
Honda	CR-V	2005	2007	×	Analogue Analogue	ON		ON	12	ON	ON	H
30780055	Fit	2014	200	-	Analogue	ON	ON	-	1.	ON	ON	
	HR-V	2014		√ √	P3000000000000000000000000000000000000	ON	ON	1 12	10.	ON	ON	-
	Jazz	2014			Analogue	ON	ON		12	ON	ON	Н
	Jazz	2005	2008	√	Analogue			-	ON	-	ON	-
	\$2000	2005	2009	X	Analogue	ON	ON	ON	Oit	ON	ON	-
	\$2000	2001	2003	Х	Analogue	ON	-	ON		ON	ON	1
	7 (2000)	2011		×	Analogue	-	3.53	- ON	- 17	ON	- ON	-
	Azera			V	Analogue	-	_		_		_	
	Elantra	2011	2012	V	Analogue	- 1	-	-	-	ON	-	1
	110	2009	2013	V	Analogue				- 1	ON		1
	encina a			<b>√</b>	Analogue		1000			-		-
	120	2009	2015		Analogue	-	191		74	ON		-
	120	2015		√	Analogue	-	120		.02	ON		1
	130	2007	2009	√	Analogue		140	*	134	ON		1
	130	2009	2012	V	Analogue	- 14	(*)		(4	ON	-	1
	i30	2012		V	Analogue	1.0	. * .	*	-	ON		1
	(30)	2007	2013	V	Analogue		823	*	3.5	ON	1.5	1
	140	2011		V	Analogue					ON		1
	H0	2012		1	Analogue	1.5	101	-	1.5	ON	-	1
Hyundai	45	2009		√	Analogue	_ Q	253	_ ×	- 84	ON	- 4	-
	i800	2007		√	Analogue		1121		1.	ON		1
	b/20	2010		✓	Analogue	1,54	1.2	125	154	ON	- 2	1
	bx35	2010		✓	Analogue		100		- 52	ON		1
	ix45	2013		V	Analogue			160	- 0.0	ON		
	Kla Cee'd	2012		V	Analogue				3.5	ON		
	Kia Optima	2014		V	Analogue	15	853	- 1	0.5	ON	151	
	Santa Fe	2006	2010	V	Analogue	- 1		- 1	35	ON	-	1
	Santa Fe	2010	2013	1	Analogue		1.71			ON		
	Santa Fe	2013		√	Analogue				- 76-	ON		
	Sonata	2008	2010	1	Analogue	- 2	1123	12	7/2	ON		1
	Sonata (YF Series)	2009		1	Analogue	152		2	25	ON	-	1
	Tuoson	2010		V	Analogue		143		- 54	ON		1
	D-Max	2012		V	Analogue	ON	ON		134	ON		1
lauzu	MU-X	2014		V	100 March 100 Ma	ON	ON	- 6	29	ON		
	Chevrolet Colorado	2012	2014	V	Analogue	ON	ON		-	ON		Н
Iveco	Daily	2012	2077	-	Analogue	5.4	ON	ON	ON	ON	ON	Η,
Jac Motors	J3	2014			CAN	ON	ON	UN	ON	UN		H
Jac Motors				X	Analogue	UN						-
	XJ8	1998	2003		Analogue	*	(*)	ON		ON		-
Jaguar	S Type	1 7,555			Analogue	ON	(*)		(4	+0	ON	
	S Type	1999	2002	x	Analogue			ON	39	*	ON	
	X Type	2001	2009	√	Analogue	ON	. *.		1.0	**	ON	
	Cee'd	2007	2009	✓	Analogue	ON	ON	ON	ON	* *:	ON	
	Cee'd	2009	2012	V	Analogue	ON	ON	ON	ON	ON	-	1
	Cee'd	2013		√	Analogue	ON	ON	ON	ON		ON	9
	Picanto	2011		√	Analogue	ON	ON	ON	ON	-	ON	-
	Rio	2011		1	Analogue	ON	ON	ON	ON	. 2	ON	
Kia	Sorento	2009	2011	1	Analogue	ON	ON	ON	ON	ON	-	
	Sorento	2015		×	CAN	ON	ON	ON	1	-	ON	Г
	Soul	2009	2011	V	Analogue	ON	ON	ON	ON	ON		
	Soul	2012		1	Analogue	ON	ON	ON	ON	+):	ON	
	Sportage	2010		V	Analogue	ON	ON	ON	ON		ON	t
					p-wienugue :	7555			20.5			-
	Venga	2009		1	Analogue	ON	ON	ON	ON	ON		1 0

	Discovery	2001	2004	х	Analogue		- 62	*0		(*)	ON	01
	Discovery	2001	2004	x	Analogue	-		- 6	-	200	ON	10
	Discovery	2006	2014	V	CAN	-			-		ON	.01
Land Rover	Freelander	2001	2003	×	Analogue			•	-	:00	ON	01
	Freelander	2006	2014	V	CAN	- 20	12	. 10	24	1.0	ON	0
	Range Rover Sport	2005	2013	1	CAN	, E	2	1.0	ON	0.00		0
702000	620	2009		×	Analogue	ON	Ø .	ON	12	ON		0
Lifan Motors	720	2012		×	Analogue	ON		ON		ON		0
Mahindra	Scorpio	2006		V	Analogue	ON		ON		ON	ON	0
	2	2007		×	Analogue		ON		ON			0
	6	2007	2009	×	CAN/Analogue	-3	ON	- 60			ON	0
Mazda	3	2004	2008	х	CAN/Analogue	-	ON	-8	ON	ON		0
	CX-7	2008	2012	×	CAN/Analogue		ON	-85	75	ON		0
	CX-9	2007	2015	x	CAN/Analogue	. 20	ON	[ 2]	-	ON		0
	A Class	2004	2012	1	CAN	ON	- 12	ON	ON	ON	ON	0
	B Class	2005	2011	V	CAN	ON		ON	ON	ON	ON	0
	C Class	2004	2007	1	CAN	ON		ON	ON	ON	ON	0
	C Class	2000	2004	1	CAN	ON		ON	ON	ON	ON	0
	C Class	2000	2004	1	CAN	ON	78 1	ON	ON	ON	ON	0
	C Class	2001	2004	×	CAN		ON		ON	330	ON	-
	CLK	2001	2004	x	CAN		ON	-0	ON	3.50	ON	
	E Class	2002	2009	V	CAN	ON	- 1	ON	ON	ON	ON	0
	ML	2005	2011	1	CAN	ON	19	ON	ON	ON	ON	0
Mercedes	R Class	2006	2013	√.	CAN	ON	- 04	ON	ON	ON	ON	0
	SLK	2004	2011	1	CAN	ON		ON	ON	ON	ON	0
	Sprinter	2006		1	CAN	ON	, % ,	ON	ON	ON	ON	0
	Viano	2004	2015	V	CAN	ON		ON	ON	ON	ON	0
	Vito	2004	2015	1	CAN	ON	<u></u>	ON	ON	ON	ON	0
	Vito	2004	2015	1	CAN	ON		ON	ON	ON	ON	0
	Vito	2015		V	CAN			ON	ON	100	ON	- :
	Vivano	2004	2015	1	CAN	ON	100	ON	ON	ON	ON	0
	VW Crafter	2012	2014	V	CAN	ON	18	ON	ON	ON	ON	0
	VW Crafter	2006		√.	CAN	ON		ON	ON	ON	ON	0
	ASX	2010		V	Analogue	*	ON	ON		ON		0
	Attrage	2015		1	Analogue		ON	ON	14	ON		0
	Citroen C4 Aircross	2014		√	Analogue	-	ON	ON		ON		0
	L200	2015		1	Analogue	20	ON	ON	- (4)	ON	2	0
	Lancer	2007	2010	V	Analogue	ON	. 2		ON	ON	-	0
	Lancer	2010		V	Analogue		ON	ON	8	ON		0
	Mirage	2013		1	Analogue	2	ON	ON	- 12	ON	2	0
	Outlander	2007	2010	1	Analogue	ON	- 3-		ON	ON	-	0
Mitsubishi	Outlander	2010	2013	1	Analogue		ON	ON		ON	-	0
	Outlander	2013		1	CAN/Analogue	ON			ON			0
	Pajero	2013		1	Analogue		ON	ON	15	ON		0
	Peugeot 4007	2007		√	Analogue	ON	(4)		ON	ON		0
	Peugeot 4008	2014		√	Analogue		ON	ON		ON	×.	0
	RVR	2010		V	Analogue		ON	ON		ON		0
	Shogun	2013		1	Analogue		ON	ON	14	ON	*	0
	Space Star	2015		V	Analogue	, X	ON	ON	- 12	ON		0
	Triton	2015		V	Analogue		ON	ON	100	ON	-	0

	350Z	2003				ON	ON	ON		ON	ON	-
	Almera	2000	2006	x	Analogue Analogue	ON	ON	ON	-	ON	ON	
	Cube	2009	2000	×		ON	ON	ON	ON	- ON	ON	ON
	Evalia	2013		V	Analogue	ON	-	ON	ON			ON
	Frontier	2009			Analogue	ON	-	ON	ON			ON
	Juke	2010		√ √	Analogue	ON	-	ON	ON	-	-	ON
		_			Analogue	ON	-	ON	ON			ON
	March	2010	2010	V	Analogue			_			-	-
	Micra	2007	2010	V	Analogue	21 .	-	12.0	ON	- 12	ON	ON
	Micra	2010		V	Analogue	ON		ON	ON	7-	200	ON
	Navara	2010		V	Analogue		. *	1060	ON		ON	ON
	Navara	2009		1	Analogue	ON	-5-2	ON	ON	-		ON
	Navara	2006		x	Analogue	ON	ON	ON		ON	ON	
	Note	2012		V	Analogue	ON	-	ON	ON		18	01
	Note	2009	2012	V	Analogue	ON	ON	ON	ON	35	65	ON
	NV200	2013		V	Analogue	ON		ON	ON	28	- 60	01
Nissan	Pathfinder	2013		√.	Analogue	ON	18	ON	ON	3.5	. #1	01
	Primera	2001	2007	×	Analogue	ON	ON	ON		ON	ON	100
	Pulse	2011		V	Analogue	ON		ON	ON	-9-	*0	ON
	Qashqai	2007	2013	4	Analogue	0.00		(0)	ON	2.6	ON	ON
	Quest	2010		1	Analogue	ON		ON	ON	194	. 8	01
	Sentra	2013		V	Analogue	ON	- 2	ON	ON	7/4	23	10
	Sunny	2012		V	Analogue	ON		ON	ON	14	. 20	ON
	Terrano	2001	2006	×	Analogue	ON	ON	ON		ON	ON	
	Tilda	2007	2014	√ √	Analogue	ON	ON	ON	ON	7/2		Of
	Titan	2009		V	Analogue	ON		ON	ON		. 20	10
	Versa	2008		V	Analogue	ON		ON	ON	-		01
	Xterra	2009		V	Analogue	ON		ON	ON			01
	X-Trail	2009	2014	V		0.00	-		ON		ON	01
	X-Trail	2013	150000	x	Analogue		ON	ON	ON			01
	X-Trail	2001		×	Analogue Analogue	ON	ON	ON		ON	ON	-
	X-Trail	2001	2008		_	ON	ON	ON	-	ON	ON	100
	108	2001	2006	× V	Analogue	ON	ON	ON	-	ON	ON	ON
	206	1998	2000		Analogue	9 7 7 2 1 1	ON		_	_	-	00
			2002	X	Analogue			798	-	39	- 20	
	207	2006	2012	Х	CAN		ON	((600	× .	ON	ON	10
	207	2006	2012	X	CAN		ON	222		ON	ON	01
	208	2012		х	CAN	- 2	ON	353	, E	ON	ON	01
	3008	2009		X	CAN		ON	160	-	ON	ON	01
	3008	2009		x	CAN		ON		. *	ON	ON	10
	306	1998	2002	×	Analogue		ON	150		-	55	01
	307	2005	2008	×	CAN		ON	.*:		ON	ON	Of
	307	2005	2008	х	CAN	100	ON	3.50		ON	ON	O
	308	2008		х	CAN	1.0	ON	(1,5)	150	ON	ON	O
	308	2008		х	CAN	. 5	ON	7/88		ON	ON	O
Peugeot	407	2004	2010	х	CAN	90	ON	3.00	*	ON	ON	Of
reugeot	407	2004	2010	х	CAN	100	ON	100		ON	ON	Of
	5008	2009	2013	х	CAN	1 .	ON			ON	ON	O
	607	2004	2012	х	CAN	10.0	ON	(48)	( 9	ON	ON	10
	607	2004	2012	×	CAN	31	ON	\$2.5	[ 8 ]	ON	ON	O
	806	1996	2002	x	Analogue	1 2	ON			- 1	ON	O
	807	2005	2014	×	CAN	1 12	ON	7820	2	ON	ON	O
	807	2005	2014	×	CAN	1 0	ON	166	. 2	ON	ON	O
	Boxer	2006	2008	×	CAN	10.0	ON	ON	ON	7.	ON	O
	Boxer	2008	2014	×	CAN		ON	ON	-	G.	ON	Of
	Boxer	2014		v		ON	-	ON	ON	ON	ON	-
	Boxer	2014			CAN	UN	-	ON	ON	ON	ON	-
	and the second second	0.000		х	CAN	50	CHI.	2200	// 2000	177.53	2535	-
	Partner	2008		X	CAN		ON	्र		ON	ON	Of
	RCZ	2010		Х	CAN	-	ON	1982		ON	ON	O
Porsche	Cayenne	2002	2007	Х	CAN	ON	ON	(m)	ON	ON	ON	10
	Cayenne	2007	2010	×	CAN	ON	ON		ON	ON	ON	10
							_					

	Clio	2005	2009	х	CAN			- 0	ON	ON	ON	C
	Clio	2009	2013	V	CAN		~			ON	ON	(
	Fluence	2010		V	CAN	. 12		26	127	ON	ON	-
	Laguna	2005	2007	×	CAN		-		ON	ON	ON	-
	Laguna	2008		V	CAN	-		-51	3-0	ON	ON	
	Megane	2005	2008	×	CAN	-		-	ON	ON	ON	1
	Megane	2008	2012	V	CAN	194		- 21	100	ON	ON	-
Renault	Modus	2005	2012	x	CAN		2	- 2	ON	ON	ON	
	Scala	2011		×	Analogue	ON		ON	ON			
	Scenic	2005	2009	х	CAN				ON	ON	ON	
	Scenic	2009		V	CAN	-	-	- 20	0.00	ON	ON	-
	Trafic	2006		×	CAN	- 1	2	28	ON	ON	ON	1
	Trafic	2010	2013	V	CAN	- 3-	-	- 5		ON	ON	-
	Twingo	2007	2009	×	CAN	1 .	-	-	ON	ON	ON	
	Wind	2010	2013	V	CAN	-		-	1998	ON	ON	
	25	2000	2005	x	Analogue			23	198	ON	ON	Н
	25	2000	2005	x	Analogue				720	ON	ON	1
	45	2000	2005	×	Analogue					ON	ON	
	45	2000	2005	×	Analogue	-				ON	ON	
	75	2000	2004	×	Analogue	- 100		-			ON	1
Rover	75	2000	2005	×	Analogue	-		-	100	ON	ON	Н
	75	2000	2005	×	Analogue	102	-	20	100	ON	ON	
	ZR	2001	2005	×	Analogue	- ·	-	-	2.50	ON	ON	Н
	zs	2001	2005	x	Analogue	-				ON	ON	Н
	ZT	2001	2005	x	Analogue					ON	ON	Н
	ZT-T	2001	2005	×	Analogue			-		ON	ON	Н
5.50000	9-3	1998	2002	×	Analogue	ON	ON	ON	ON	-	ON	Н
Saab	9-5	1998	2002	×	Analogue	ON	ON	ON	ON	-	ON	
Scania	R 480	2004	2015	×	CAN	ON	-	2	ON	ON	ON	
- Country	Fabia	2013	2010	×	CAN	ON	ON	- 5	-	ON	ON	
	Fabia	2007	2014	V	-	ON	ON			ON	ON	
	Octavia	2008	2013		CAN	ON	ON	- 5	0.50	ON	ON	-
	Octavia	2004	2008	×	CAN	ON	ON	2		ON	ON	
Skoda	Rapid	2010	2000	100	CAN	ON	ON	-	120	ON	ON	
	Roomster	2008	2015	×	CAN	ON	ON			ON	ON	
	Superb	2008	2013	-	CAN	ON	ON			ON	ON	
	Yeti	2010	2014	X	CAN	ON	ON	- 0		ON	ON	3
	Altea	2004	2014	X	CAN	ON	ON	-		ON	ON	
	Alhambra	2015	2013	V	CAN	ON	ON		-	ON	ON	-
	Exeo	2015	2013	V	CAN	ON	ON	- 5	ON	ON	ON	H
Seat		2009	2013	V	CAN	ON	ON	51	ON	ON	ON	- 2
Seat	Exeo		2013	V	CAN	_	ON			313,000		
	Ibiza	2008	2014	V	CAN	ON	ON	81		ON	ON	
	Leon		2014	V	CAN	1000		_				-
	Toledo	2004	2011	V	CAN	ON	ON	7	253	ON	ON	-
	Forester	2007	2011	V	Analogue	ON		**	(*)	ON	ON	1
	Forester	2012		V	Analogue	ON	-	- 011	-	ON	-	3
	Forester	2015	0040	V	Analogue	-	ON	ON	ON	-	ON	
74252000	Impreza	2007	2012	V	Analogue	ON	- 5			ON	ON	1
Subaru	Impreza	2012	2015	V	Analogue	ON		-		ON		1
	Impreza	2015		V	Analogue	(4	ON	ON	ON		ON	H
	Outback XV	2012	Save-1	V	Analogue	ON		21		ON		1
			2015	N	Analogue	ON				ON		

	Actyon	2006			Analania	-	24		ON	ON		0
	Actyon	2012		× √	Analogue	-		ON	ON	ON	-	0
	Korando	2012		V	Analogue Analogue	ON	-	·	ON	ON	-	,
	Korando	2010				-		-	ON	ON		+
	Korando Sport	2012		X	Analogue	-	72	-	ON	ON	-	1
	Korando Sport	2012		× √	Analogue	-		ON	ON	ON		1
	Rexton	2007	2012	2000	Analogue	-		Oit	ON	ON	-	H
SsangYong	Rexton	2007	2012	× V	Analogue	- 8		ON	ON	ON		Н
	Rexton W	2013		V	Analogue			ON	ON	ON		H
	Rodius	2013			Analogue	-			ON	ON	-	1
	Rodius Turismo	2013		×	Analogue	-	-	ON	ON	ON	-	H
	Stavic	2013		V	Analogue			ON	ON	ON		H
	Tivoli EX / ELX	2015		1	Analogue				ON	ON	ON	Н
	Tivoli SE	2015		1	Analogue	ON	ON	ON		ON	ON	۰
	Dzire	2008	2010	_	Analogue	ON	-		ON	-	ON	١,
	Chevrolet Tracker	2000	2009	X	Analogue	ON	32	70	ON	323	ON	Н
	Ertiga	2012	2015	X	Analogue	ON			ON		ON	H
		2012	2019	٧	Analogue	ON	-		ON	100	ON	H
	Grand Nomade Grand Vitara	2005	2009	X	Analogue	ON		20	ON		ON	H
	Grand Vitara Grand Vitara	2005	2011	X	Analogue	ON	- 2		ON	020	ON	H
	Grand Vitara	2011	2015	√	Analogue	ON			ON		ON	Н
Suzuki		2009		×	Analogue	ON			ON	of c	ON	Н
	Splash Swift	2009	2011	X	Analogue	ON	-	- 1	ON		ON	Н
	Swift	2006	2011	X	Analogue	ON	-	- 10	ON	1.0	ON	H
	SWIT SX4	2011		٧.	Analogue	ON	35	1 20	ON	500	ON	Н
	99.55	2006		X	Analogue	ON	35	- 51	ON	2.5	ON	H
	SX4 S-Cross	2013	2015	√	Analogue	ON	-	- 10	ON	77.25.40	ON	Н
	Vauxhall Agila Vitara	2009	2015	Х	Analogue	ON		- 10	ON	100	ON	Н
		2010		٧	Analogue							-
***	Indigo	2006		٧.	Analogue	. 2	ON	. 40	ON		ON	L
Tata	Manza	2012		V	Analogue		ON	- 8	ON		ON	Ľ
	Vista	2012		V	Analogue		ON		ON		ON	1
	4Runner	2002		٧.	Analogue	ON	ON	ON		ON	- 5	L
	Avanza	2003		V	Analogue	ON	ON	ON	35	ON		L
	Avensis	2001	2011	√.	Analogue	ON	ON	ON	15	ON		1
	Avensis	2011		√	Analogue	ON	ON	ON	(*)	ON	(8)	1
	Aygo	2014		V	Analogue	ON	ON	ON	- 2	ON		L
	Corolla	2001	2011	V	Analogue	ON	ON	ON	9	ON	100	1
	Corolla	2011		V	Analogue	ON	ON	ON	- 14	ON		1
	Estima	2006		V	Analogue	ON	ON	ON		ON		
	Fortuner	2005		V	Analogue	ON	ON	ON	-	ON	2	1
	Hilux	2012		√	Analogue	ON	ON	ON		ON	. 2	
	Innova	2006		V	Analogue	ON	ON	ON		ON	-	
	Innova	2011		V	Analogue	ON	ON	ON	-	ON	-	
Toyota	Landcruiser	2007		V	Analogue	ON	ON	ON		ON	1.0	L
	Lexus GX Series	2003	2009	V	Analogue	ON	ON	ON	15	ON		
	Matrix	2003		V	Analogue	ON	ON	ON	35	ON	•	
	Prado	2007		1	Analogue	ON	ON	ON	15	ON		1
	Previa	2006		1	Analogue	ON	ON	ON	(*)	ON	(6)	1
	RAV4	2001	2011	V	Analogue	ON	ON	ON	-	ON		L
	RAV4	2011		V	Analogue	ON	ON	ON	14	ON	-	1
	Rush	2006	2011	٧.	Analogue	ON	ON	ON	2	ON	- 2	1
	Rush	2011		V	Analogue	ON	ON	ON		ON		L
	Verso	2011		√	Analogue	ON	ON	ON	- 1	ON		
	Vios	2006		V	Analogue	ON	ON	ON	. 4	ON		
	Yaris	2001	2011	V	Analogue	ON	ON	ON		ON		
	Yaris	2011		V	Analogue	ON	ON	ON		ON		
Volvo	S60	2000	2004	х	CAN	ON	12.	ON	ON	355	ON	
	V70	2000	2004	×	CAN	ON		ON	ON	7.0	ON	1

	Amarok	2010		V	CAN	ON	ON		ON	ON		ON
	EOS	2006	2015	V	CAN	ON	ON		ON	ON		ON
	Beetle	2015	2010	V	CAN	ON	ON		ON	ON	-	ON
	Caddy	2015	_	V	CAN	ON	ON		ON	ON	-	ON
	Crafter	2006		V		ON		ON	ON	ON	ON	ON
	Crafter	2014		V	CAN	ON	00	ON	ON	ON	ON	ON
	Fusca	2005	2011	1	-	ON	ON	-	ON	ON		ON
	Gol	2012	2011	V	CAN	-		ON				ON
	Golf	2003	2013	_	-	ON	ON	-	ON	ON	-	ON
	Jetta	2005	2015	1	CAN	ON	ON	-	ON	ON	-	ON
	Jetta	2005	2015	√ √	CAN	ON	ON	-	ON	ON	-	ON
			2044		CAN	-	200		-	ON		-
	Magotan	2005	2011	V	CAN	ON	ON	1.50	ON	3707.6	-	ON
vw	Multivan	2003	2009	х	CAN	ON	ON	1.0	-	-	ON	ON
	Passat	2005	2015	V	CAN	ON	ON	*	ON	ON	*	ON
	Polo	2005	2014	· V	CAN	ON	ON	*	ON	ON		ON
	Sagitar	2005	2011	٧	CAN	ON	ON	*	ON	ON		ON
	Scirocco	2008	2015	V	CAN	ON	ON	*	ON	ON		ON
	Sharan	2015		1	CAN	ON	ON		ON	ON	-	ON
	Suran	2009		1	CAN	ON	ON		ON	ON		ON
	T-6	2015		V	CAN	ON	ON		ON	ON		ON
	Tiguan	2007	2015	1	CAN	ON	ON	. 2	ON	ON		ON
	Tiguan	2015		1	CAN	ON	ON		ON	ON		ON
	Touareg	2003	2010	×	CAN	ON	ON				ON	01
	Touran	2003	2015	V	CAN	ON	ON		ON	ON		01
	Transporter	2003	2015	1	CAN	ON	ON		ON	ON	*	01
	Vento	2005	2011	V	CAN	ON	ON	1.5	ON	ON	8	ON
	Astra	1998	2004	×	Analogue		38 °	ON		ON	ON	ON
	Antara	2006	2010	1	CAN	1 45		ON	ON	ON	ON	ON
	Antara	2010		×	CAN	ON	ON	- 20	ON	164	ON	
	Astra	2004	2010	V	CAN	-		ON	ON	ON	ON	ON
	Astra Classic	2004	2009	x	Analogue		1.	ON	-	ON	ON	ON
	Chevrolet Astra	1998	2011	×	Analogue	3		ON	्	ON	ON	ON
	Chevrolet Ceita	2002	2010	x	Analogue			ON		ON	ON	ON
	Chevrolet Corsa Classic	2002	2010	×	Analogue			ON	-	ON	ON	ON
	Chevrolet Urban	1998	2011	×	Analogue	-		ON		ON	ON	ON
	Chevrolet Vectra	2005	2011	x	Analogue			ON		ON	ON	ON
	Chevrolet Viva	1998	2011	x	Analogue	-		ON		ON	ON	ON
	Corsa	2000	2006	x	Analogue	-		ON	1.	ON	ON	ON
	Corsa	2005	2009	V	CAN	-	-	ON	ON	ON	ON	ON
Vauxhall/Opel	Holden Barina	2000	2005	×	Analogue	-		ON	-	ON	ON	10
	Meriva	2003	2007	×	Analogue		-	ON		ON	ON	ON
	Meriva	2007	2010	× √	CAN	-	-	ON	ON	ON	ON	ON
	Omega	2000	2004			+	-	ON	-	ON	ON	ON
	Signum	2005	2008	× V	Analogue			ON	ON	ON	ON	ON
	Suzuki Fun	2005	2010	-	CAN	-		ON	ON	ON	ON	10
	Tigra	2002	2010	X	Analogue	_	-	ON	ON	ON	ON	00
				<b>√</b>	CAN	-		_		-		-
	Vectra	1998	2004	X	Analogue	-	- 3	ON	-	ON	ON	10
	Vectra	2004	2008	1	CAN			ON	ON	ON	ON	01
	Vivaro	2002	2007	X	Analogue			ON		ON	ON	10
	Vivaro	2011	2013	1	CAN	1 10	3*	*	18	ON	ON	01
	Zafira	1999	2005	x	Analogue	*		ON		ON	ON	01
	Zafira	2005	2014	V	CAN	-		ON	ON	ON	ON	01



#### Mini-ISO Vehicles



Interface Wir
159/Brera
Ground
Batt 12V
CAN Low
CAN High
Analogue Ground

147/156/GT Analogue								
Interface Wire	Pin Number							
Analogue 1	20							
Analogue 2	33							
Analogue Ground	27							
Batt 12V	2							
Ground	4							

159/Brera/Giulietta/Mito								
Interface Wire	Pin Number							
CAN High	5							
CAN Low	6							
Batt 12V	2							
Ground	4							

147/GT CAN-Bus

**Pin Number** 

20

33

27

5

6

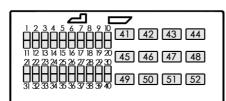
8

Interface Wire

Analogue 1

Analogue 2

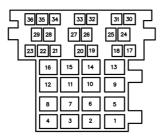
### Giulietta/Mito/4C OEM Specific



Giulietta/Mito/4C									
Interface Wire	Pin Number								
CAN High	2								
CAN Low	12								
Batt 12V	44								
Ground	43								

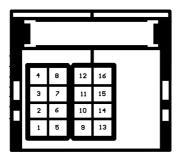


### Mini-ISO Vehicles



CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	32
CAN Low	27
Batt 12V	8
Ground	4

#### Audi CAN-Bus Quadlock

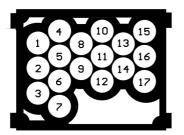


Audi CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12



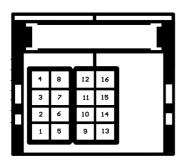
### 17 Way Round Pin i-Bus Vehicles

\*Note that the Batt 12V wire should be connected directly to the vehicle battery as the vehicle connector does not have a permanent 12V feed.



17 Way i-Bus Vehicles	
Interface Wire	Pin Number
Analogue 2	14
Batt 12V	11
Ground	10

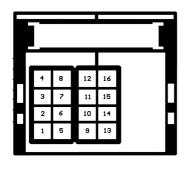
BMW Continued... 40 Way Flat Pin Quadlock i-Bus Vehicles



40 Way i-Bus Vehicles	
Interface Wire	Pin Number
Analogue 2	9
Batt 12V	15
Ground	12

<sup>\*</sup>Note that BMW i-Bus vehicles require a 4k7 resistor putting between the Batt 12V wire and the i-Bus wire (Analogue 2).

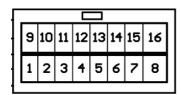
## Quadlock CAN-Bus Vehicles



Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	To Battery*
Ground	12



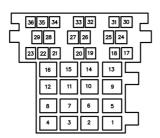
### 16 Way Kenwood Connector



Chery Tigo	
Interface Wire	Pin Number
Analogue 1	2
Analogue Ground	5
Batt 12V	8
Ground	16



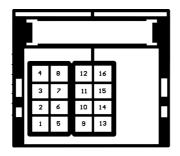
### Mini-ISO Connector



Chrysler Delta	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

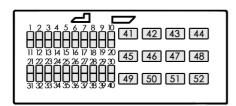


### Quadlock **CAN-Bus Vehicles**



Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

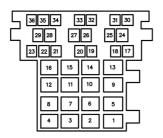
### Jumper OEM Specific



Jumper CAN-Bus 2014>	
Interface Wire	Pin Number
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43

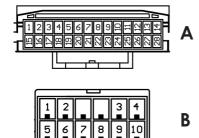
Citroën Continued...

### Mini-ISO Connector



Relay/Jumper 2006-2008 Relay/Jumper 2008-2013 Evasion/Synergie 2006-2002 Dispatch 2007	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

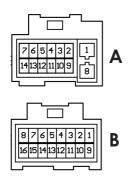
### C1 OEM Specific



C1	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	В4
Ground	В7

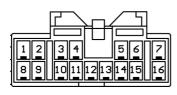


Fujitsu Ten Specific Connector CHEVROLET



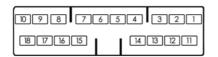
Aveo, Captiva, Daewoo Winstorm, Holden Captiva	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

White \$10 Connector



\$10	
Interface Wire	Pin Number
Analogue 1	5
Analogue Ground	13
Batt 12V	14
Ground	10

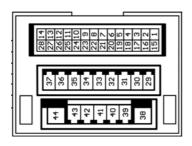
### White Spark Connector



Spark 2010-2012	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	5
Batt 12V	15
Ground	6

Chevrolet Continued...

Spark/Sonic OEM Specific



Spark, Sonic	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	5
Batt 12V	44
Ground	38



### Mini-ISO Connector



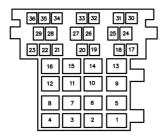
500, Qubo, Punto, Ducato, Fiorino, Idea, Doblo	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Panda	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

Ducato <2008	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Fiat Continued...

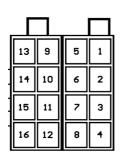
### Mini-ISO Connector



Ducato 2008>	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Ducato 07-11, Multipla 04, Panda 04-07	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

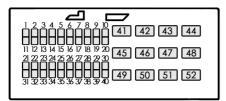
### 8 Way ISO Connector



Bravo, Ritmo, Stilo	
Interface Wire	Pin Number
Analogue 1	5
Analogue 2	1
Analogue Ground	4
Batt 12V	8
Ground	4

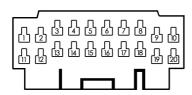
Fiat Continued...

### **OEM Specific Connector**



500L, RAM Promaster, Ducato 2014>	
Interface Wire	Pin Number
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43

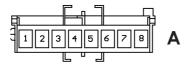
### Sedici OEM Connector

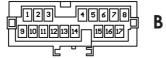


Sedici 2006-2014	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	19
Analogue Ground	20
Batt 12V	1
Ground	11



### Old Style Analogue Vehicles

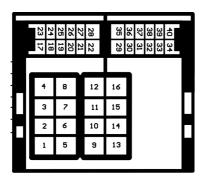




Old Style Analogue	
Interface Wire	Pin Number
Analogue 1	B5
Analogue Ground	В6
Batt 12V	А3
Ground	A8

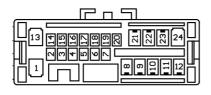
Ford Continued...

### Quadlock **CAN-Bus Vehicles**



Quadlock CAN-Bus Vehicles		
Interface Wire	Pin Number	
CAN High	9	
CAN Low	10	
Analogue 1	22	
Analogue Ground	24	
Batt 12V	15	
Ground	12	

### Fiesta/F150/Fusion



Fiesta 02-05, F150 04-08, Fusion 02-05 Analogue			
Interface Wire   Pin Number			
Analogue 1	18		
Analogue Ground	19		
Batt 12V	1		
Ground	13		

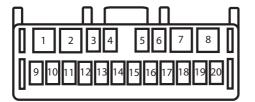
### Fiesta/Transit (Vehicles without Display)



Fiesta, Transit			
Interface Wire   Pin Number			
Analogue 1	4		
Analogue Ground	16		
Batt 12V	24		
Ground	23		

All connectors are shown from the terminal side and NOT the wire side

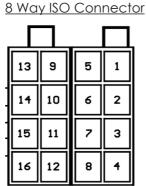
Ford Continued...



#### Ford AU series II & III

Interface Wire	Pin Number
Analogue 1	19
Analogue 2	20
Batt 12V	1
Ground	8

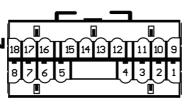




Steed, Wingle		
Interface Wire	Pin Number	
Analogue 2	1	
Analogue Ground	5	
Batt 12V	8	
Ground	4	

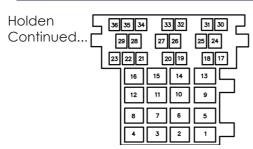
Н6		
Interface Wire	Pin Number	
Analogue 1	6	
Analogue 2	1	
Analogue Ground	5	
Batt 12V	8	
Ground	4	





Holden VT,VX		
Interface Wire Pin Number		
Analogue2	9	
Analogue Ground	16	
Batt 12V	18	
Ground	16	

### All connectors are shown from the terminal side and NOT the wire side



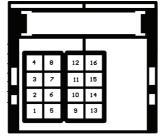
Holden VY, VZ, Monaro		
Interface Wire	Pin Number	
Analogue1	20	
Analogue Ground	27	
Batt 12V	8	
Ground	4	

丄				
13	9	5	1	
14	10	6	2	
15	11	7	3	
16	12	8	4	

Astra Barina Analogue

Astra / Barina Analogue		
Interface Wire	Pin Number	
Analogue 1	1	
Analogue Ground	7	
Batt 12V	8	
Ground	4	

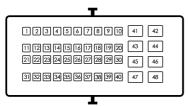
Astra Barina CAN-Bus



Astra / Barina CAN-Bus		
Interface Wire	Pin Number	
CAN High	9	
CAN Low	10	
Batt 12V	15	
Ground	12	



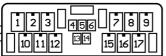
Street Glide OEM

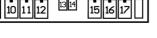


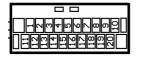
Street Glide		
Interface Wire	Pin Number	
CAN High	1	
CAN Low	11	
Batt 12V	46	
Ground	45	



#### **Analogue Vehicles**



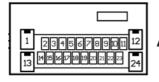




Analogue	
Interface Wire	Pin Number
Analogue 1	В4
Analogue Ground	B5
Batt 12V	A10
Ground	A1

### Civic CAN-Bus 2012>

B



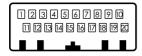


B

Civic CAN-Bus 2012>	
Interface Wire	Pin Number
CAN High	B13
CAN Low	В3
Batt 12V	A13
Ground	A1

### City/Fit/HR-V/Jazz OEM Specific



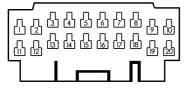


B

City, Fit, HR-V, Jazz 14>	
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	B12
Analogue Ground	A8
Batt 12V	A13

Honda Continued...

### CR-V/S2000/Jazz OEM Specific

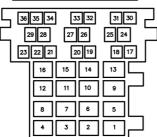


CR-V 05-07, \$2000 2001>	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	7
Batt 12V	1
Ground	11

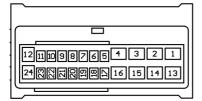
Jazz 05-08	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	20
Batt 12V	1
Ground	11



### Mini-ISO Connector



### Santa Fe 2006-2010

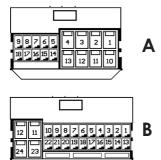


Mini-ISO Vehicles		
Interface Wire	Pin Number	
Analogue 2	19	
Analogue Ground	20	
Batt 12V	8	
Ground	4	

Santa Fe 2006-2010	
Interface Wire	Pin Number
Analogue 2	6
Analogue Ground	18
Batt 12V	12
Ground	24

Hvundai Continued...

#### Hyundai White Connector



Hyundai White Connector	
Interface Wire	Pin Number
Analogue 2	В4
Analogue Ground	B17
Batt 12V	B12
Ground	B24

## ISUZU

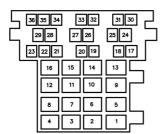
### D-Max Connector



D-Max 12>, MU-X 14>, Chevrolet Colorado 12-14	
Interface Wire	Pin Number
Analogue 1	5
Analogue Ground	13
Batt 12V	14

# **IVECO**

### Daily Connector



Daily	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4



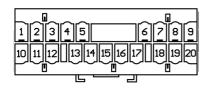
### 8 Way ISO Connector



J3 2013>	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	6
Batt 12V	8
Ground	4



### XJ8 Connector



XJ8 1998-2003	
Interface Wire	Pin Number
Analogue 2	2
Analogue Ground	To vehicle chassis
Batt 12V	10
Ground	To vehicle chassis

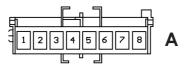
### S/X Type Connector

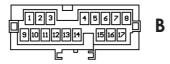


S/X Type	
Interface Wire	Pin Number
Analogue 1	13
Analogue Ground	To vehicle chassis
Batt 12V	20
Ground	10

Jaguar Continued...

### S Type Connector

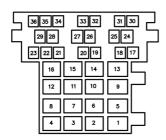




\$ Type 99-02	
Interface Wire	Pin Number
Analogue 1	B5
Analogue Ground	В6
Batt 12V	А3
Ground	A8

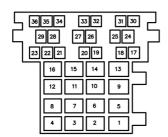


### Cee'd 2007-2009



Cee'd 2007-2009	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	26
Batt 12V	8
Ground	4

### Mini-ISO Vehicles



Mini-ISO Vehicles	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	20
Batt 12V	8
Ground	4

Kia Continued...

### Kia White Connector

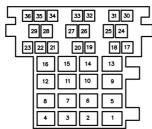


Kia White Connector	
Interface Wire	Pin Number
Analogue 2	В4
Analogue Ground	B17
Batt 12V	B12
Ground	B24

Sorento/Carnival/Sedona 15>	
Interface Wire	Pin Number
CAN High	B1
CAN Low	B13
Batt 12V	B12
Ground	B24



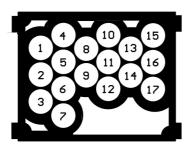
### **Delta Connector**



Delta 09>	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

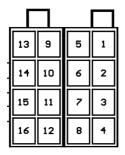


### 17 Way BMW Connector



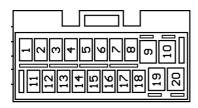
Land Rover Discovery/ Freelander with 17 way BMW Connector	
Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	10
Batt 12V	11
Ground	10

### Land Rover Discovery Connector



Land Rover Discovery 2003>	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	To vehicle chassis
Batt 12V	2
Ground	4

### **CAN-Bus Connector**



Freelander, Discovery, Range Rover Sport CAN-Bus	
Interface Wire	Pin Number
CAN High	2
CAN Low	1
Analogue 2	13
Analogue Ground	10
Batt 12V	20
Ground	10



### Lifan OEM Connector

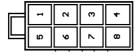


Lifan Motors 620/720	
Interface Wire	Pin Number
Analogue 1	5
Analogue 2	1
Analogue Ground	4
Batt 12V	8
Ground	4



### Scorpio Connector





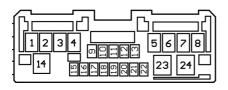


Scorpio	
Interface Wire	Pin Number
Analogue 1	Al
Analogue Ground	A6
Batt 12V	A8
Ground	A4



### 2 2007>

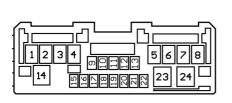




2 2007>	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

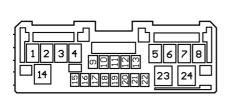
Mazda Continued...

### 6 2007-2009



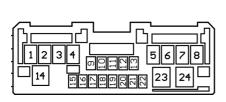
6 2007-2009	
Interface Wire	Pin Number
CAN High	20
CAN Low	21
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

### 3 2004-2008



3 2004-2008	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

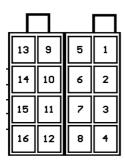
### CX-7, CX-9



CX-7, CX-9	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

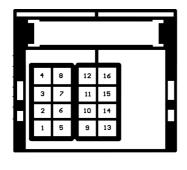


### 8 Way ISO CAN-Bus Vehicles



8 Way ISO CAN-Bus	
Interface Wire	Pin Number
CAN High	3
CAN Low	8
Batt 12V	2
Ground	4

### Quadlock CAN-Bus Vehicles

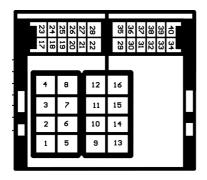


A/B/C Quadlock CAN Bus Vehicles	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	15
Ground	12

Vito (W447 with Audio 15)	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	15
Ground	12

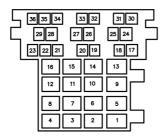
Mercedes Continued...

E Class/SLK Quadlock



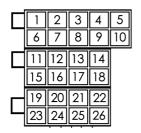
E Class/SLK Quadlock	
Interface Wire	Pin Number
CAN High	17
CAN Low	18
Batt 12V	16
Ground	15

### Mini-ISO CAN-Bus **Vehicles**



Mini-ISO CAN-Bus	
Interface Wire	Pin Number
CAN High	17
CAN Low	30
Batt 12V	2
Ground	4

10 Way ISO CAN-Bus **Vehicles** 



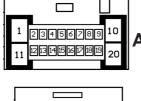
10 Way ISO CAN-Bus	
Interface Wire	Pin Number
CAN High	1
CAN Low	6
Batt 12V	24
Ground	26

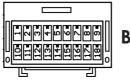


### Outlander 2013>

Outlander 2013>	
Interface Wire	Pin Number
CAN High	8
CAN Low	18
Analogue 1	9
Analogue Ground	11
Batt 12V	1
Ground	11

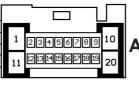
ASX, Lancer, Outlander 2010> Pajero, Shogun 2013>





ASX, Lancer, Outlander 2010>, Pajero, Shogun 2013>	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	To vehicle chassis
Batt 12V	A1
Ground	To vehicle Chassis

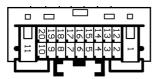
Outlander/Lancer 2007-2010





Lancer, Outlander 2007-2010		
Interface Wire	Pin Number	
Analogue 1	A9	
Analogue Ground	To vehicle chassis	
Batt 12V	Al	
Ground	To vehicle Chassis	

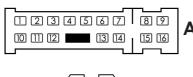


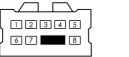


#### All Models

All Models		
Interface Wire	Pin Number	
Analogue 1	8	
Analogue 2	17	
Analogue Ground	7	
Batt 12V	1	
Ground	To vehicle chassis	

### 8 & 16 Way Connector

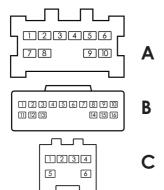




Almera/Primera/Terrano X-Trail		
Interface Wire	Pin Number	
Analogue 1	В4	
Analogue 2	B5	
Analogue Ground	В3	
Batt 12V	A8	
Ground	A9	

### 6 & 10 Way Connector

B



350Z 03>, Navara 06>, X-Trail 01>		
Interface Wire	Pin Number	
Analogue 1	B13	
Analogue 2	В3	
Analogue Ground	B5	
Batt 12V	A4	
Ground	To vehicle chassis	

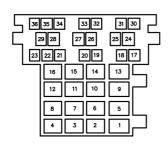


Quadlock CAN-Bus Vehicles



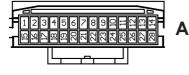
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

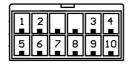
#### Mini-ISO Analogue Vehicles



206/306 98-02, 806 96-02	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

#### 108 OEM Connector

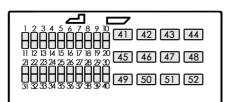




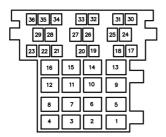
В

108	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	В7

Peugeot Continued... Boxer OEM Connector



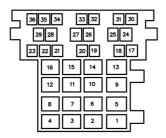
Boxer 2014>	
Interface Wire	Pin Number
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43



ı	
Boxer 06-08/08-14	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4



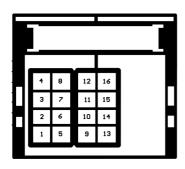
## Cayenne Mini ISO



Cayenne 2002-2007 Mini-ISO	
Interface Wire	Pin Number
CAN High	30
CAN Low	17
Batt 12V	2
Ground	4

Porsche Continued...

Cayenne Quadlock



Cayenne 2002-2007 Quadlock	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	12
Ground	15



#### **GEN-2 Mini ISO**

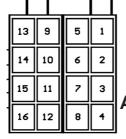


GEN-2	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4



### Mini-ISO with 'Update List' OEM head unit

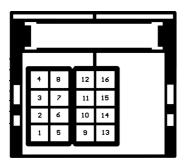




Mini-ISO with 'Update List' OEM head unit	
Interface Wire	Pin Number
CAN High	В6
CAN Low	B2
Batt 12V	A2
Ground	A4

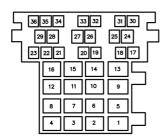
Renault Continued...

#### **CAN-Bus Quadlock**



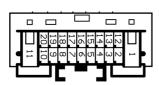
Renault CAN-Bus 2009> with Quadlock Connector	
Interface Wire	Pin Number
CAN High	13
CAN Low	9
Batt 12V	15
Ground	12

#### CAN-Bus Mini-ISO



Renault CAN-Bus 2009> with Mini-ISO Connector	
Interface Wire	Pin Number
CAN High	17
CAN Low	30
Batt 12V	2
Ground	4

### Scala OEM Connector



Scala	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

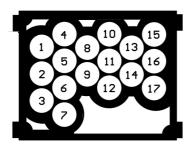


# Rover 75 with Highline OEM head unit



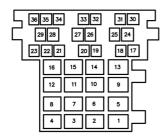
Rover 75 with Highline		
Interface Wire	Pin Number	
Analogue 1	1	
Analogue Ground	To vehicle chassis	
Batt 12V	2	
Ground	4	

#### 17 Way BMW Connector



17 way BMW Connector		
Interface Wire	Pin Number	
Analogue 1	16	
Analogue Ground	N/R	
Batt 12V	11	
Ground	10	

#### 25/45/75 Mini-ISO Vehicles



25/45/75 Mini ISO		
Interface Wire	Pin Number	
Analogue 2	20	
Analogue Ground	27	
Batt 12V	8	
Ground	4	



Saab 9.3/9.5 1998-2005

卫			
13	9	5	1
14	10	6	2
15	11	7	3
16	12	8	4

Saab 9.3/9.5 98-05		
Interface Wire	Pin Number	
Analogue 2	See diagram*	
Batt 12V	8	
Ground	4	
Ground	4	

\*Connnect analogue 2 to green wire in 2 pin connector located under steering column. The analogue 2 wire may need to be extended.





#### Scania R Series 8 Way ISO

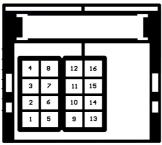
工			
13	9	5	1
14	10	6	2
15	11	7	3
16	12	8	4

Scania R Series		
Interface Wire	Pin Number	
CAN High	5	
CAN Low	1	
Batt 12V	2	
Ground	4	

#### ŠKODA



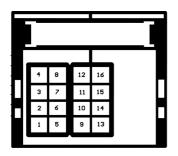
## Skoda CAN-Bus Quadlock



Skoda CAN-Bus Quadlock		
Interface Wire Pin Number		
CAN High	9	
CAN Low	10	
Batt 12V	15	
Ground	12	

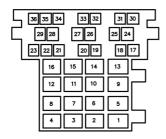


#### Seat CAN-Bus Quadlock



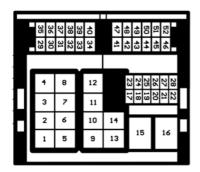
Seat CAN-Bus Quadlock		
Interface Wire Pin Numbe		
CAN High	9	
CAN Low	10	
Batt 12V	15	
Ground	12	

#### Seat Exeo Mini ISO



Exeo Symphony Mini-ISO		
Interface Wire	Pin Number	
CAN High	30	
CAN Low	17	
Batt 12V	2	
Ground	4	

#### Seat MIB-PQ 52 Way Quadlock



Seat Alhambra (MIB-PQ)		
Interface Wire	Pin Number	
CAN High	22	
CAN Low	28	
Batt 12V	16	
Ground	15	

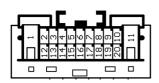




#### Forester/Impreza 2007-2012

Forester/Impreza 2007-2012		
Interface Wire	Pin Number	
Analogue 1	17	
Analogue Ground	7	
Batt 12V	1	
Ground	11	

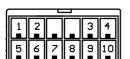
Impreza, Forester, Outback, XV 2012>



Impreza, Forester, Outback, XV 2012>	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	8
Analogue Ground	7
Batt 12V	1
Ground	11

<u>Impreza, Foreste</u>r, XV 2015>





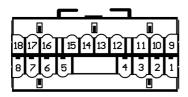


B

Impreza, Forester, XV 2015>	
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	A22
Analogue Ground	В4
Batt 12V	В4
Ground	В7

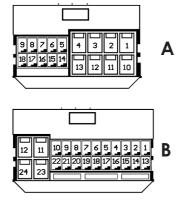


#### Actyon/Rexton/Korando Sport/ Rodius Connector



Actyon 2006>, Rexton 2007>, Korando Sport 2012, Rodius 2013>	
Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	14
Batt 12V	5
Ground	14

### Tivoli EX/ELX/SE OEM Connector

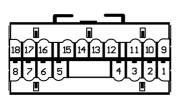


Tivoli EX / ELX	
Interface Wire	Pin Number
Analogue 1	B17
Analogue Ground	В4
Batt 12V	B12
Ground	B24

Tivoli SE	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	A18
Batt 12V	B12
Ground	B24

Ssangyong Continued...

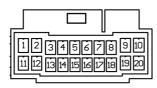
#### All other Ssangyong models



All other Ssangyong models	
Interface Wire	Pin Number
Analogue 2	16
Analogue Ground	13
Batt 12V	5
Ground	14



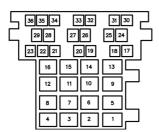
### All Suzuki models



Suzuki all models	
Interface Wire	Pin Number
Analogue 1	19
Analogue 2	18
Analogue Ground	20
Batt 12V	1
Ground	11



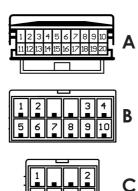
#### All Tata models



Tata Vista, Manza, Indigo	
Interface Wire	Pin Number
Analogue 2	20
Analogue Ground	27
Batt 12V	2
Ground	4

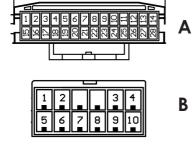


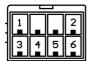
### <u>Toyota <2011</u>



Toyota <2011	
Interface Wire	Pin Number
Analogue 1	A8
Analogue 2	A7
Analogue Ground	A6
Batt 12V	В4
Ground	В7

#### Toyota 2011>

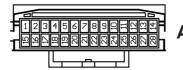


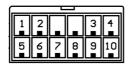


Toyota 2011>	
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	A22
Analogue Ground	A23
Batt 12V	B4
Ground	В7

Toyota Continued...

Toyota Aygo 2014>





B

Aygo 2014>	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	В4
Ground	В7



#### All Volvo models

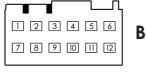
Green



Α

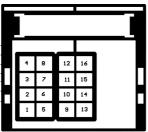
S60, V70 **Interface Wire Pin Number CAN High** A12 **CAN Low** A11 Batt 12V Α6 Ground Α7

Grey



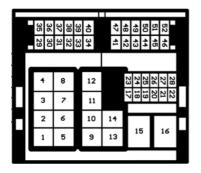


#### VW CAN-Bus All Models 40 Way Quadlock



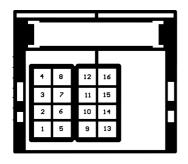
VW CAN-Bus Quadlock	
Interface Wire Pin Number	
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

VW CAN-Bus MIB-PQ 52 Way Quadlock



52 Way Quadlock (MIB-PQ)		
Interface Wire	Pin Number	
CAN High	22	
CAN Low	28	
Batt 12V	16	
Ground	15	

VW Crafter 2006> Quadlock

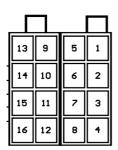


Crafter 2006>		
Interface Wire	Pin Number	
CAN High	11	
CAN Low	9	
Batt 12V	15	
Ground	12	



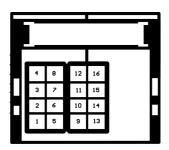


#### Vauxhall/Opel Analogue



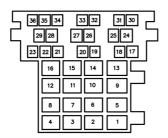
Vauxhall/Opel Analogue		
Interface Wire	Pin Number	
Analogue 1	1	
Analogue Ground	7	
Batt 12V	8	
Ground	4	

#### Vauxhall/Opel CAN-Bus



Vauxhall/Opel CAN-Bus		
Interface Wire	Pin Number	
CAN High	9	
CAN Low	10	
Batt 12V	15	
Ground	12	

#### Vivaro Mini ISO



Vivaro 2011>		
Interface Wire	Pin Number	
CAN High	17	
CAN Low	30	
Batt 12V	2	
Ground	4	