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

New and Updated Vehicle Applications

INSTRUCTION MANUAL

www.aerpro.com.au

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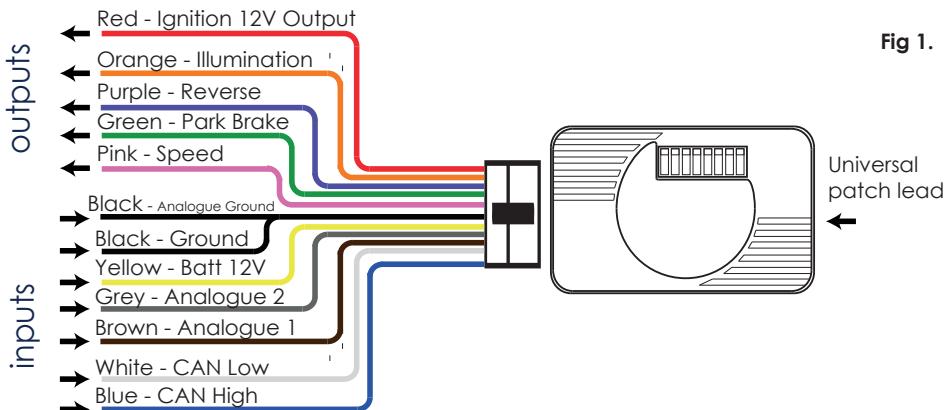
The Aerpro APUNISW2 covers a wide range of both CAN-Bus and analogue vehicles, allowing steering wheel control retention with almost every steering wheel control compatible head unit on the market.

Installation
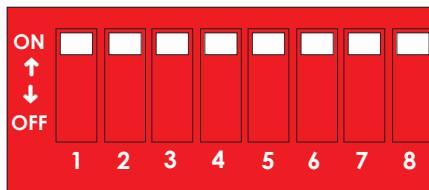
1: Remove and disconnect the original head unit.

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.

4. 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

outputs

Red - Ignition 12V Output
Orange - Illumination
Purple - Reverse
Green - Park Brake
Pink - Speed
Black - Analogue Ground

inputs

Black - Ground
Yellow - Batt 12V
Grey - Analogue 2
Brown - Analogue 1
White - CAN Low
Blue - CAN High

Fig 1.

Universal patch lead

Dipswitch Settings

Fig 2.

ON
↑
↓
OFF

1 2 3 4 5 6 7 8
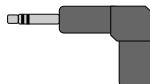
Set the dipswitches 1-7 according to the car specific settings overleaf.

Set dipswitch 8 to ON when fitting the APUNISW2 interface with a Pioneer head unit.
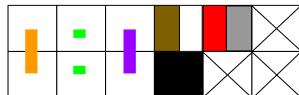
Ensure dipswitch 8 is set to OFF when fitting with a Sony head unit.

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APUNIPL2
Universal C type Patch Lead
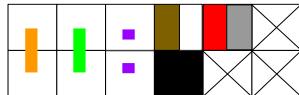
use 3.5mm Jack for these Head-units

use Key 1 Bullet terminal for these Head-units
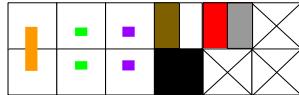
Alpine
Cut Green Link
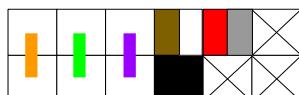
Clarion
Cut Purple Link

JVC
Cut Green & Purple Link
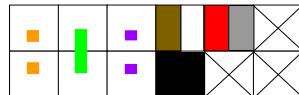
PIONEER, LG & SONY
No cutting required
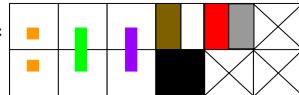
Philips, Nakamichi
Cut Orange & Purple Wire
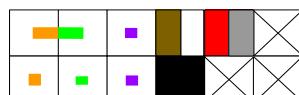
Kenwood
Cut Orange & Green Wire
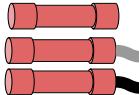
Panasonic
Cut Orange Wire
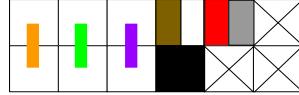
Zenec
Cut all 3 wires, solder Orange and Green together as shown

use Key 1, Key 2 and GND Bullet terminals for Self Learn Head-units

Self Learn Head-units
No cutting required

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.

Car Specific Dipswitch Settings

Make	Model	Year From	Year To	Phone Button Support	CAN/Analogue	1	2	3	4	5	6	7
Alfa Romeo	147	2000	2007	x	Analogue	-	ON	ON	ON	ON	-	ON
	147	2007	2010	x	CAN	-	ON	ON	ON	-	ON	ON
	156	2000	2007	x	Analogue	-	ON	ON	ON	ON	-	ON
	159	2005	2011	√	CAN	-	ON	-	-	ON	ON	ON
	4C/MiTo/Giulietta	2013		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	4C/MiTo/Giulietta	2013		√	CAN Type1	-	ON	ON	ON	ON	ON	-
	4C/MiTo/Giulietta	2013		√	CAN Type2	ON	-	ON	ON	ON	ON	-
	4C/MiTo/Giulietta	2013		√	CAN Type3	-	-	ON	ON	ON	ON	-
	Brera	2005	2010	√	CAN	-	ON	ON	-	ON	ON	ON
	Giulietta	2010	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
	GT	2004	2008	x	Analogue	-	ON	ON	ON	ON	-	ON
	GT	2008	2010	x	CAN	-	ON	ON	ON	-	ON	ON
	Mito	2008	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
Audi	A1	2010		√	CAN	ON	ON	-	ON	ON	ON	ON
	A3	2003	2012	√	CAN	ON	ON	-	ON	ON	ON	ON
	A4	2005	2015	√	CAN	ON	ON	-	ON	ON	ON	ON
	A4	2001	2005	√	CAN	ON	ON	-	ON	ON	ON	ON
	A6	2004	2011	√	CAN	ON	ON	-	ON	ON	ON	ON
	TT	2006	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	TT	2003	2006	√	CAN	ON	ON	-	ON	ON	ON	ON
BMW	1 Series	2004	2013	√	i-Bus	ON	-	ON	ON	-	ON	ON
	3 Series	1998	2005	√	CAN	ON	ON	-	ON	-	ON	ON
	3 Series	2005	2012	√	CAN	ON	ON	-	ON	-	ON	ON
	5 Series	1996	2004	√	i-Bus	ON	-	ON	ON	-	ON	ON
	5 Series	2004	2010	√	CAN	ON	ON	-	ON	-	ON	ON
	6 Series	2003	2010	√	CAN	ON	ON	-	ON	-	ON	ON
	7 Series	1994	2001	√	i-Bus	ON	-	ON	ON	-	ON	ON
	7 Series	2001	2008	√	CAN	ON	ON	-	ON	-	ON	ON
	Mini	2001	2006	√	i-Bus	ON	-	ON	ON	-	ON	ON
	Mini	2006	2012	√	CAN	ON	ON	-	ON	-	ON	ON
	X3	2004	2010	√	i-Bus	ON	-	ON	ON	-	ON	ON
	X5	2000	2006	√	i-Bus	ON	-	ON	ON	-	ON	ON
	Z4	2002	2008	√	i-Bus	ON	-	ON	ON	-	ON	ON
	Z4	2009		√	CAN	ON	ON	-	ON	-	ON	ON
Chery	Tigo	2013		x	Analogue	-	-	ON	-	ON	ON	-
Chrysler	Delta	2011	2014	√	CAN	-	ON	ON	-	ON	ON	ON
Citroen	Berlingo	2008		x	CAN	-	ON	-	-	ON	ON	ON
	C1	2014		√	Analogue	ON	-	-	ON	ON	-	-
	C2	2005	2009	x	CAN	-	ON	-	-	ON	ON	ON
	C2	2005	2009	x	CAN	-	ON	-	-	ON	ON	ON
	C3	2006		x	CAN	-	ON	-	-	ON	ON	ON
	C3	2006		x	CAN	-	ON	-	-	ON	ON	ON
	C3 Picasso	2009		x	CAN	-	ON	-	-	ON	ON	ON
	C4	2004	2010	x	CAN	-	ON	-	-	ON	ON	ON
	C4	2004	2010	x	CAN	-	ON	-	-	ON	ON	ON
	C4 Picasso	2006		x	CAN	-	ON	-	-	ON	ON	ON
	C5	2005	2008	x	CAN	-	ON	-	-	ON	ON	ON
	C5	2005	2008	x	CAN	-	ON	-	-	ON	ON	ON
	C8	2005	2014	x	CAN	-	ON	-	-	ON	ON	ON
	C8	2005	2014	x	CAN	-	ON	-	-	ON	ON	ON
	Dispatch	2007		x	Analogue	-	ON	ON	ON	-	ON	ON
	DS3	2009		x	CAN	-	ON	-	-	ON	ON	ON
	Evasion	1996	2002	x	Analogue	-	ON	ON	ON	-	ON	ON
	Jumper	2006	2008	x	CAN	-	ON	ON	-	ON	ON	ON
	Jumper	2008	2013	x	CAN	-	ON	ON	-	ON	ON	ON
	Jumper	2014		√	CAN	ON	-	ON	ON	ON	ON	-
	Relay	2006	2008	x	CAN	-	ON	ON	ON	-	ON	ON
	Relay	2008	2014	x	CAN	-	ON	ON	-	ON	ON	ON
	Relay	2007		x	Analogue	-	ON	ON	ON	-	ON	ON
	Synergie	1996	2002	x	Analogue	-	ON	ON	ON	-	ON	ON

Car Specific Dipswitch Settings

Make	Model	From	To		Type	S1	S2	S3	S4	S5	S6	S7
Chevrolet	Aveo	2002	2011	√	Analogue	-	-	ON	ON	-	ON	ON
	Captiva	2006	2011	√	Analogue	-	-	ON	ON	-	ON	ON
	Daewoo Winstorm	2008	2011	√	Analogue	-	-	ON	ON	-	ON	ON
	Holden Captiva	2008	2014	√	Analogue	-	-	ON	ON	-	ON	ON
	Spark	2010	2015	√	Analogue	-	-	ON	ON	-	-	ON
	S10	2012		√	Analogue	ON	ON	-	-	ON	-	ON
	Sonic	2013		√	Analogue	-	-	ON	ON	-	-	ON
	Spark	2013	2015	√	Analogue	-	-	ON	ON	-	-	ON
Fiat	500	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Doblo	2009	2015	√	CAN	-	ON	ON	ON	ON	ON	ON
	500L	2012		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 1	-	ON	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 2	ON	-	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 3	-	-	ON	ON	ON	ON	-
	Bravo	2007	2014	√	CAN	-	ON	ON	-	ON	ON	ON
	Citroen Nemo	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Dodge RAM ProMaster	2014		√	CAN							ON
	Ducato	2011	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
	Ducato	2006	2008	X	CAN							ON
	Ducato	2008	2014	X	CAN							ON
	Ducato	2012	2014	X	CAN							ON
	Ducato	2014	2014	√	CAN							ON
	Ducato	2007	2011	X	Analogue		ON					ON
	Ducato	2015		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 1	-	ON	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 2	ON	-	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 3	-	-	ON	ON	ON	ON	-
	Fiorino	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Idea	2006	2012	√	CAN	-	ON	ON	ON	ON	ON	ON
	Multipla	2004		X	Analogue		ON					ON
	Panda	2007	2012	X	CAN	-	ON	ON	-	-	ON	ON
	Panda	2004	2007	X	Analogue		ON					ON
	Peugeot Bipper	2008		√	CAN	-	ON	ON	ON	ON	ON	ON
	Punto	2005		√	CAN	-	ON	ON	ON	ON	ON	ON
	Qubo	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Ritmo	2007	2014	√	CAN	-	ON	ON	-	ON	ON	ON
	Sedici	2006	2014	X	Analogue							ON
	Stilo	2001	2007	√	CAN	-	ON	ON	-	ON	ON	ON
Ford	C-Max	2003	2010	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	F150	2004	2008	X	Analogue	-	-	ON	-	-	ON	ON
	Falcon AU Series 2 & 3	2000	2002	X	Analogue	-	-	-	-	-	-	ON
	Fiesta		2001	X	Analogue	-	-	ON	-	-	ON	ON
	Fiesta	2005	2008	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Fiesta	2002	2005	X	Analogue	-	-	ON	-	-	ON	ON
	Fiesta	2013		X	Analogue	-	-	ON	-	ON	ON	-
	Focus	1998	2004	X	Analogue	-	-	ON	-	-	ON	ON
	Focus	2004	2011	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Fusion	2005	2012	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Fusion	2002	2005	X	Analogue	-	-	ON	-	-	ON	ON
	Galaxy	2000	2006	X	Analogue	-	-	ON	-	-	ON	ON
	Galaxy	2006		X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Kuga	2008	2012	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Mondeo	2000	2004	X	Analogue	-	-	ON	-	-	ON	ON
	Mondeo	2007	2014	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Puma	1997	2002	X	Analogue	-	-	ON	-	-	ON	ON
	S-Max	2006		X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Transit	2000	2006	X	Analogue	-	-	ON	-	-	ON	ON
	Transit	2006	2013	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Transit	2013		X	Analogue	-	-	ON	-	ON	ON	-
	Transit Connect	2004	2013	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON

Car Specific Dipswitch Settings

Make	Model				Type	1	2	3	4	5	6	7
Great Wall	Steed	2011		X	Analogue	ON	-	ON	-	-	ON	ON
	Wingle	2011		X	Analogue	ON	-	ON	-	-	ON	ON
	H6	2012		√	Analogue	ON	-	-	-	-	-	ON
Holden	Commodore VT-VX	1997	2002	X	Analogue	ON	ON	ON	-	-	ON	ON
	Commodore VY-VZ	2002	2007	X	Analogue	-	-	-	-	-	ON	ON
	Astra, Barina, Vectra		2004	X	Analogue	ON	-	ON	-	-	ON	-
Harley Davidson	Street Glide	2015		X	CAN	-	ON	ON	-	ON	ON	-
Honda	Amaze	2012		X	Analogue	ON	ON	ON	-	ON	ON	ON
	City	2008	2013	X	Analogue	ON	ON	ON	-	ON	ON	ON
	City	2014		√	Analogue	ON	ON	-	-	ON	ON	-
	Civic	2005	2012	X	Analogue	ON	ON	ON	-	ON	ON	ON
	Civic	2012		√	CAN	ON	-	ON	-	-	-	ON
	CR-V	2007	2009	X	Analogue	ON	ON	ON	-	ON	ON	ON
	CR-V	2005	2007	X	Analogue	ON	-	ON	-	ON	ON	-
	Fit	2014		√	Analogue	ON	ON	-	-	ON	ON	-
	HR-V	2014		√	Analogue	ON	ON	-	-	ON	ON	-
	Jazz	2014		√	Analogue	ON	ON	-	-	ON	ON	-
	Jazz	2005	2008	X	Analogue	-	-	-	ON	-	ON	-
	S2000	2005	2009	X	Analogue	ON	ON	ON	-	ON	ON	ON
	S2000	2001		X	Analogue	ON	-	ON	-	ON	ON	-
Hyundai	Azera	2011		√	Analogue	-	-	-	-	ON	-	ON
	Elantra	2011		√	Analogue	-	-	-	-	ON	-	ON
	i10	2009	2013	√	Analogue	-	-	-	-	ON	-	ON
	i10	2014		√	Analogue	-	-	-	-	ON	-	ON
	i20	2009	2015	√	Analogue	-	-	-	-	ON	-	ON
	i20	2015		√	Analogue	-	-	-	-	ON	-	ON
	i30	2007	2009	√	Analogue	-	-	-	-	ON	-	ON
	i30	2009	2012	√	Analogue	-	-	-	-	ON	-	ON
	i30	2012		√	Analogue	-	-	-	-	ON	-	ON
	i30	2007	2013	√	Analogue	-	-	-	-	ON	-	ON
	i40	2011		√	Analogue	-	-	-	-	ON	-	ON
	i40	2012		√	Analogue	-	-	-	-	ON	-	ON
	i45	2009		√	Analogue	-	-	-	-	ON	-	ON
	i800	2007		√	Analogue	-	-	-	-	ON	-	ON
	ix20	2010		√	Analogue	-	-	-	-	ON	-	ON
	ix35	2010		√	Analogue	-	-	-	-	ON	-	ON
	ix45	2013		√	Analogue	-	-	-	-	ON	-	ON
	Kia Cee'd	2012		√	Analogue	-	-	-	-	ON	-	ON
	Kia Optima	2014		√	Analogue	-	-	-	-	ON	-	ON
	Santa Fe	2006	2010	√	Analogue	-	-	-	-	ON	-	ON
	Santa Fe	2010	2013	√	Analogue	-	-	-	-	ON	-	ON
	Santa Fe	2013		√	Analogue	-	-	-	-	ON	-	ON
	Sonata	2008	2010	√	Analogue	-	-	-	-	ON	-	ON
	Sonata (YF Series)	2009		√	Analogue	-	-	-	-	ON	-	ON
	Tucson	2010		√	Analogue	-	-	-	-	ON	-	ON
Isuzu	D-Max	2012		√	Analogue	ON	ON	-	-	ON	-	ON
	MU-X	2014		√	Analogue	ON	ON	-	-	ON	-	ON
	Chevrolet Colorado	2012	2014	√	Analogue	ON	ON	-	-	ON	-	ON
Iveco	Daily	2014		√	CAN	-	ON	ON	ON	ON	ON	-
Jac Motors	J3	2013		X	Analogue	ON	ON	-	ON	-	-	ON
Jaguar	XJ8	1998	2003	√	Analogue	-	-	ON	-	ON	-	ON
	S Type			√	Analogue	ON	-	-	-	-	ON	ON
	S Type	1999	2002	X	Analogue	-	-	ON	-	-	ON	ON
	X Type	2001	2009	X	Analogue	ON	-	-	-	-	ON	ON
Kia	Cee'd	2007	2009	√	Analogue	ON	ON	ON	ON	-	ON	ON
	Cee'd	2009	2012	√	Analogue	ON	ON	ON	ON	ON	-	ON
	Cee'd	2013		√	Analogue	ON	ON	ON	ON	-	ON	ON
	Picanto	2011		√	Analogue	ON	ON	ON	ON	-	ON	ON
	Rio	2011		√	Analogue	ON	ON	ON	ON	-	ON	ON
	Sorento	2009	2011	√	Analogue	ON	ON	ON	ON	ON	-	ON
	Sorento	2015		X	CAN	ON	ON	ON	-	-	ON	-
	Soul	2009	2011	√	Analogue	ON	ON	ON	ON	ON	-	ON
	Soul	2012		√	Analogue	ON	ON	ON	ON	-	ON	ON
	Sportage	2010		√	Analogue	ON	ON	ON	ON	-	ON	ON
	Venga	2009		√	Analogue	ON	ON	ON	ON	ON	-	ON
Lancia	Delta	2009		√	CAN	-	ON	ON	-	ON	ON	ON

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Car Specific Dipswitch Settings

Make	Model	Year	Year	√/X	Type	1	2	3	4	5	6	7
Land Rover	Discovery	2001	2004	X	Analogue	-	-	-	-	-	ON	ON
	Discovery	2001	2004	X	Analogue	-	-	-	-	-	ON	ON
	Discovery	2006	2014	√	CAN	-	-	-	-	-	ON	ON
	Freelander	2001	2003	X	Analogue	-	-	-	-	-	ON	ON
	Freelander	2006	2014	√	CAN	-	-	-	-	-	ON	ON
	Range Rover Sport	2005	2013	√	CAN	-	-	-	ON	-	-	ON
Lifan Motors	620	2009		X	Analogue	ON	-	ON	-	ON	-	ON
	720	2012		X	Analogue	ON	-	ON	-	ON	-	ON
Mahindra	Scorpio	2006		√	Analogue	ON	-	ON	ON	ON	ON	ON
Mazda	2	2007		X	Analogue	-	ON	-	ON	-	-	ON
	6	2007	2009	X	CAN/Analogue	-	ON	-	-	-	ON	ON
	3	2004	2008	X	CAN/Analogue	-	ON	-	ON	ON	-	ON
	CX-7	2008	2012	X	CAN/Analogue	-	ON	-	-	ON	-	ON
	CX-9	2007	2015	X	CAN/Analogue	-	ON	-	-	ON	-	ON
Mercedes	A Class	2004	2012	√	CAN	ON	-	ON	ON	ON	ON	ON
	B Class	2005	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2004	2007	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2000	2004	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2000	2004	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2001	2004	X	CAN	-	ON	-	ON	-	ON	-
	CLK	2001	2004	X	CAN	-	ON	-	ON	-	ON	-
	E Class	2002	2009	√	CAN	ON	-	ON	ON	ON	ON	ON
	ML	2005	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	R Class	2006	2013	√	CAN	ON	-	ON	ON	ON	ON	ON
	SLK	2004	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	Sprinter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
	Viano	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2015		√	CAN	-	-	ON	ON	-	ON	-
	Vivano	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	VW Crafter	2012	2014	√	CAN	ON	-	ON	ON	ON	ON	ON
	VW Crafter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
Mitsubishi	ASX	2010		√	Analogue	-	ON	ON	-	ON	-	ON
	Attrage	2015		√	Analogue	-	ON	ON	-	ON	-	ON
	Citroen C4 Aircross	2014		√	Analogue	-	ON	ON	-	ON	-	ON
	L200	2015		√	Analogue	-	ON	ON	-	ON	-	ON
	Lancer	2007	2010	√	Analogue	ON	-	-	ON	ON	-	ON
	Lancer	2010		√	Analogue	-	ON	ON	-	ON	-	ON
	Mirage	2013		√	Analogue	-	ON	ON	-	ON	-	ON
	Outlander	2007	2010	√	Analogue	ON	-	-	ON	ON	-	ON
	Outlander	2010	2013	√	Analogue	-	ON	ON	-	ON	-	ON
	Outlander	2013		√	CAN/Analogue	ON	-	-	ON	ON	-	ON
	Pajero	2013		√	Analogue	-	ON	ON	-	ON	-	ON
	Peugeot 4007	2007		√	Analogue	ON	-	-	ON	ON	-	ON
	Peugeot 4008	2014		√	Analogue	-	ON	ON	-	ON	-	ON
	RVR	2010		√	Analogue	-	ON	ON	-	ON	-	ON
	Shogun	2013		√	Analogue	-	ON	ON	-	ON	-	ON
	Space Star	2015		√	Analogue	-	ON	ON	-	ON	-	ON
	Triton	2015		√	Analogue	-	ON	ON	-	ON	-	ON

Car Specific Dipswitch Settings

Make	Model	Year	Year		Type	1	2	3	4	5	6	7
Nissan	350Z	2003		X	Analogue	ON	ON	ON	-	ON	ON	-
	Almera	2000	2006	X	Analogue	ON	ON	ON	-	ON	ON	-
	Cube	2009		√	Analogue	ON	-	ON	ON	-	-	ON
	Evalia	2013		√	Analogue	ON	-	ON	ON	-	-	ON
	Frontier	2009		√	Analogue	ON	-	ON	ON	-	-	ON
	Juke	2010		√	Analogue	ON	-	ON	ON	-	-	ON
	March	2010		√	Analogue	ON	-	ON	ON	-	-	ON
	Micra	2007	2010	√	Analogue	-	-	-	ON	-	ON	ON
	Micra	2010		√	Analogue	ON	-	ON	ON	-	-	ON
	Navara	2010		√	Analogue	-	-	-	ON	-	ON	ON
	Navara	2009		√	Analogue	ON	-	ON	ON	-	-	ON
	Navara	2006		X	Analogue	ON	ON	ON	-	ON	ON	-
	Note	2012		√	Analogue	ON	-	ON	ON	-	-	ON
	Note	2009	2012	√	Analogue	ON	ON	ON	ON	-	-	ON
	NV200	2013		√	Analogue	ON	-	ON	ON	-	-	ON
	Pathfinder	2013		√	Analogue	ON	-	ON	ON	-	-	ON
	Primera	2001	2007	X	Analogue	ON	ON	ON	-	ON	ON	-
	Pulse	2011		√	Analogue	ON	-	ON	ON	-	-	ON
	Qashqai	2007	2013	√	Analogue	-	-	-	ON	-	ON	ON
	Quest	2010		√	Analogue	ON	-	ON	ON	-	-	ON
	Sentra	2013		√	Analogue	ON	-	ON	ON	-	-	ON
	Sunny	2012		√	Analogue	ON	-	ON	ON	-	-	ON
	Terrano	2001	2006	X	Analogue	ON	ON	ON	-	ON	ON	-
	Tilda	2007	2014	√	Analogue	ON	ON	ON	ON	-	-	ON
	Titan	2009		√	Analogue	ON	-	ON	ON	-	-	ON
	Versa	2008		√	Analogue	ON	-	ON	ON	-	-	ON
	Xterra	2009		√	Analogue	ON	-	ON	ON	-	-	ON
	X-Trail	2009	2014	√	Analogue	-	-	-	ON	-	ON	ON
	X-Trail	2013		X	Analogue	-	ON	ON	ON	-	ON	ON
	X-Trail	2001		X	Analogue	ON	ON	ON	-	ON	ON	-
	X-Trail	2001	2008	X	Analogue	ON	ON	ON	-	ON	ON	-
Peugeot	108	2014		√	Analogue	ON	ON	ON	-	ON	-	ON
	206	1998	2002	X	Analogue	-	ON	-	-	-	-	ON
	207	2006	2012	X	CAN	-	ON	-	-	ON	ON	ON
	207	2006	2012	X	CAN	-	ON	-	-	ON	ON	ON
	208	2012		X	CAN	-	ON	-	-	ON	ON	ON
	3008	2009		X	CAN	-	ON	-	-	ON	ON	ON
	3008	2009		X	CAN	-	ON	-	-	ON	ON	ON
	306	1998	2002	X	Analogue	-	ON	-	-	-	-	ON
	307	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	307	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	308	2008		X	CAN	-	ON	-	-	ON	ON	ON
	308	2008		X	CAN	-	ON	-	-	ON	ON	ON
	407	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	407	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	5008	2009	2013	X	CAN	-	ON	-	-	ON	ON	ON
	607	2004	2012	X	CAN	-	ON	-	-	ON	ON	ON
	607	2004	2012	X	CAN	-	ON	-	-	ON	ON	ON
	806	1996	2002	X	Analogue	-	ON	-	-	-	ON	ON
	807	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	807	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	Boxer	2006	2008	X	CAN	-	ON	ON	ON	-	ON	ON
	Boxer	2008	2014	X	CAN	-	ON	ON	-	-	ON	ON
	Boxer	2014		√	CAN	ON	-	ON	ON	ON	ON	-
	Boxer	2015		X	CAN	-	ON	ON	ON	ON	ON	-
	Partner	2008		X	CAN	-	ON	-	-	ON	ON	ON
	RCZ	2010		X	CAN	-	ON	-	-	ON	ON	ON
Porsche	Cayenne	2002	2007	X	CAN	ON	ON	-	ON	ON	ON	ON
	Cayenne	2007	2010	X	CAN	ON	ON	-	ON	ON	ON	ON
Proton	GEN-2	2004		X	Analogue	ON	ON	ON	-	-	ON	ON

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Car Specific Dipswitch Settings

Make	Model	Year	Year		Type	1	2	3	4	5	6	7
Renault	Clio	2005	2009	x	CAN	-	-	-	ON	ON	ON	ON
	Clio	2009	2013	√	CAN	-	-	-	-	ON	ON	ON
	Fluence	2010		√	CAN	-	-	-	-	ON	ON	ON
	Laguna	2005	2007	x	CAN	-	-	-	ON	ON	ON	ON
	Laguna	2008		√	CAN	-	-	-	-	ON	ON	ON
	Megane	2005	2008	x	CAN	-	-	-	ON	ON	ON	ON
	Megane	2008	2012	√	CAN	-	-	-	-	ON	ON	ON
	Modus	2005	2012	x	CAN	-	-	-	ON	ON	ON	ON
	Scala	2011		x	Analogue	ON	-	ON	ON	-	-	ON
	Scenic	2005	2009	x	CAN	-	-	-	ON	ON	ON	ON
	Scenic	2009		√	CAN	-	-	-	-	ON	ON	ON
	Trafic	2006		x	CAN	-	-	-	ON	ON	ON	ON
	Trafic	2010	2013	√	CAN	-	-	-	-	ON	ON	ON
	Twingo	2007	2009	x	CAN	-	-	-	ON	ON	ON	ON
	Wind	2010	2013	√	CAN	-	-	-	-	ON	ON	ON
Rover	25	2000	2005	x	Analogue	-	-	-	-	ON	ON	-
	25	2000	2005	x	Analogue	-	-	-	-	ON	ON	ON
	45	2000	2005	x	Analogue	-	-	-	-	ON	ON	-
	45	2000	2005	x	Analogue	-	-	-	-	ON	ON	ON
	75	2000	2004	x	Analogue	-	-	-	-	-	ON	ON
	75	2000	2005	x	Analogue	-	-	-	-	ON	ON	-
	75	2000	2005	x	Analogue	-	-	-	-	ON	ON	-
	ZR	2001	2005	x	Analogue	-	-	-	-	ON	ON	-
	ZS	2001	2005	x	Analogue	-	-	-	-	ON	ON	-
	ZT	2001	2005	x	Analogue	-	-	-	-	ON	ON	-
	ZT-T	2001	2005	x	Analogue	-	-	-	-	ON	ON	-
Saab	9-3	1998	2002	x	Analogue	ON	ON	ON	ON	-	ON	-
	9-5	1998	2002	x	Analogue	ON	ON	ON	ON	-	ON	-
Scania	R 480	2004	2015	x	CAN	ON	-	-	ON	ON	ON	ON
Skoda	Fabia	2013		x	CAN	ON	ON	-	-	ON	ON	ON
	Fabia	2007	2014	√	CAN	ON	ON	-	-	ON	ON	ON
	Octavia	2008	2013	x	CAN	ON	ON	-	-	ON	ON	ON
	Octavia	2004	2008	√	CAN	ON	ON	-	-	ON	ON	ON
	Rapid	2010		x	CAN	ON	ON	-	-	ON	ON	ON
	Roomster	2008	2015	√	CAN	ON	ON	-	-	ON	ON	ON
	Superb	2008	2013	x	CAN	ON	ON	-	-	ON	ON	ON
	Yeti	2010	2014	x	CAN	ON	ON	-	-	ON	ON	ON
Seat	Altea	2004	2015	√	CAN	ON	ON	-	-	ON	ON	ON
	Alhambra	2015		√	CAN	ON	ON	-	-	ON	ON	ON
	Exeo	2009	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	Exeo	2009	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	Ibiza	2008		√	CAN	ON	ON	-	-	ON	ON	ON
	Leon	2005	2014	√	CAN	ON	ON	-	-	ON	ON	ON
	Toledo	2004		√	CAN	ON	ON	-	-	ON	ON	ON
Subaru	Forester	2007	2011	√	Analogue	ON	-	-	-	ON	ON	ON
	Forester	2012		√	Analogue	ON	-	-	-	ON	-	ON
	Forester	2015		√	Analogue	-	ON	ON	ON	-	ON	-
	Impreza	2007	2012	√	Analogue	ON	-	-	-	ON	ON	ON
	Impreza	2012	2015	√	Analogue	ON	-	-	-	ON	-	ON
	Impreza	2015		√	Analogue	-	ON	ON	ON	-	ON	-
	Outback	2012		√	Analogue	ON	-	-	-	ON	-	ON
	XV	2012	2015	√	Analogue	ON	-	-	-	ON	-	ON
	XV	2015		√	Analogue	-	ON	ON	ON	-	ON	-

Car Specific Dipswitch Settings

Make	Model	Year	Year	√/X	Type	1	2	3	4	5	6	7
SsangYong	Actyon	2006		X	Analogue	-	-	-	ON	ON	-	ON
	Actyon	2012		√	Analogue	-	-	ON	ON	ON	-	ON
	Korando	2010		√	Analogue	ON	-	-	ON	ON	-	ON
	Korando	2010		X	Analogue	-	-	-	ON	ON	-	ON
	Korando Sport	2012		X	Analogue	-	-	-	ON	ON	-	ON
	Korando Sport	2012		√	Analogue	-	-	ON	ON	ON	-	ON
	Rexton	2007	2012	X	Analogue	-	-	-	ON	ON	-	ON
	Rexton	2007		√	Analogue	-	-	ON	ON	ON	-	ON
	Rexton W	2013		√	Analogue	-	-	ON	ON	ON	-	ON
	Rodius	2013		X	Analogue	-	-	-	ON	ON	-	ON
	Rodius Turismo	2013		√	Analogue	-	-	ON	ON	ON	-	ON
	Stavic	2013		√	Analogue	-	-	-	ON	ON	-	ON
	Tivoli EX / ELX	2015		√	Analogue	-	-	-	ON	ON	ON	-
	Tivoli SE	2015		√	Analogue	ON	ON	ON	-	ON	ON	-
Suzuki	Dzire	2008	2010	X	Analogue	ON	-	-	ON	-	ON	ON
	Chevrolet Tracker		2009	X	Analogue	ON	-	-	ON	-	ON	ON
	Ertiga	2012	2015	√	Analogue	ON	-	-	ON	-	ON	ON
	Grand Nomade		2009	X	Analogue	ON	-	-	ON	-	ON	ON
	Grand Vitara	2005	2011	X	Analogue	ON	-	-	ON	-	ON	ON
	Grand Vitara	2011	2015	√	Analogue	ON	-	-	ON	-	ON	ON
	Ritz	2009		X	Analogue	ON	-	-	ON	-	ON	ON
	Splash	2009		X	Analogue	ON	-	-	ON	-	ON	ON
	Swift	2006	2011	X	Analogue	ON	-	-	ON	-	ON	ON
	Swift	2011		√	Analogue	ON	-	-	ON	-	ON	ON
	SX4	2006		X	Analogue	ON	-	-	ON	-	ON	ON
	SX4 S-Cross	2013		√	Analogue	ON	-	-	ON	-	ON	ON
	Vauxhall Agila	2009	2015	X	Analogue	ON	-	-	ON	-	ON	ON
	Vitara	2015		√	Analogue	ON	-	ON	-	ON	ON
Tata	Indigo	2006		√	Analogue	-	ON	-	ON	-	ON	ON
	Manza	2012		√	Analogue	-	ON	-	ON	-	ON	ON
	Vista	2012		√	Analogue	-	ON	-	ON	-	ON	ON
Toyota	4Runner	2002		√	Analogue	ON	ON	ON	-	ON	-	ON
	Avanza	2003		√	Analogue	ON	ON	ON	-	ON	-	ON
	Avensis	2001	2011	√	Analogue	ON	ON	ON	-	ON	-	ON
	Avensis	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Aygo	2014		√	Analogue	ON	ON	ON	-	ON	-	ON
	Corolla	2001	2011	√	Analogue	ON	ON	ON	-	ON	-	ON
	Corolla	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Estima	2006		√	Analogue	ON	ON	ON	-	ON	-	ON
	Fortuner	2005		√	Analogue	ON	ON	ON	-	ON	-	ON
	Hilux	2012		√	Analogue	ON	ON	ON	-	ON	-	ON
	Innova	2006		√	Analogue	ON	ON	ON	-	ON	-	ON
	Innova	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Landcruiser	2007		√	Analogue	ON	ON	ON	-	ON	-	ON
	Lexus GX Series	2003	2009	√	Analogue	ON	ON	ON	-	ON	-	ON
	Matrix	2003		√	Analogue	ON	ON	ON	-	ON	-	ON
	Prado	2007		√	Analogue	ON	ON	ON	-	ON	-	ON
	Previa	2006		√	Analogue	ON	ON	ON	-	ON	-	ON
	RAV4	2001	2011	√	Analogue	ON	ON	ON	-	ON	-	ON
	RAV4	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Rush	2006	2011	√	Analogue	ON	ON	ON	-	ON	-	ON
	Rush	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Verso	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
	Vios	2006		√	Analogue	ON	ON	ON	-	ON	-	ON
	Yaris	2001	2011	√	Analogue	ON	ON	ON	-	ON	-	ON
	Yaris	2011		√	Analogue	ON	ON	ON	-	ON	-	ON
Volvo	S60	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-
	V70	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-

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Car Specific Dipswitch Settings
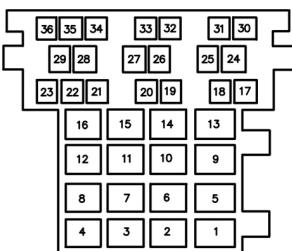
VW	Amarok	2010		√	CAN	ON	ON	-	ON	ON	-	ON
	EOS	2006	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Beetle	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Caddy	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Crafter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
	Crafter	2014		√	CAN	ON	-	ON	ON	ON	ON	ON
	Fusca	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Gol	2012		√	CAN	-	-	ON	-	-	-	ON
	Golf	2003	2013	√	CAN	ON	ON	-	ON	ON	-	ON
	Jetta	2005	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Jetta	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Magotan	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Multivan	2003	2009	X	CAN	ON	ON	-	-	-	ON	ON
	Passat	2005	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Polo	2005	2014	√	CAN	ON	ON	-	ON	ON	-	ON
	Sagitar	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Scirocco	2008	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Sharan	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Suran	2009		√	CAN	ON	ON	-	ON	ON	-	ON
	T-6	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Tiguan	2007	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Tiguan	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Touareg	2003	2010	X	CAN	ON	ON	-	-	-	ON	ON
	Touran	2003	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Transporter	2003	2015	√	CAN	ON	ON	-	ON	ON	ON	ON
	Vento	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
Vauxhall/Opel	Astra	1998	2004	X	Analogue	-	-	ON	-	ON	ON	ON
	Antara	2006	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Antara	2010		X	CAN	ON	ON	-	ON	-	ON	-
	Astra	2004	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Astra Classic	2004	2009	X	Analogue	-	-	ON	-	ON	ON	ON
	Chevrolet Astra	1998	2011	X	Analogue	-	-	ON	-	ON	ON	ON
	Chevrolet Celta	2002	2010	X	Analogue	-	-	ON	-	ON	ON	ON
	Chevrolet Corsa Classic	2002	2010	X	Analogue	-	-	ON	-	ON	ON	ON
	Chevrolet Urban	1998	2011	X	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	-	ON	ON	ON
	Corsa	2005	2009	√	CAN	-	-	ON	ON	ON	ON	ON
	Holden Barina	2000	2005	X	Analogue	-	-	ON	-	ON	ON	ON
	Meriva	2003	2007	X	Analogue	-	-	ON	-	ON	ON	ON
	Meriva	2007	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Omega	2000	2004	X	Analogue	-	-	ON	-	ON	ON	ON
	Signum	2005	2008	√	CAN	-	-	ON	ON	ON	ON	ON
	Suzuki Fun	2002	2010	X	Analogue	-	-	ON	-	ON	ON	ON
	Tigra	2005	2009	√	CAN	-	-	ON	ON	ON	ON	ON
	Vectra	1998	2004	X	Analogue	-	-	ON	-	ON	ON	ON
	Vectra	2004	2008	√	CAN	-	-	ON	ON	ON	ON	ON
	Vivaro	2002	2007	X	Analogue	-	-	ON	-	ON	ON	ON
	Vivaro	2011	2013	√	CAN	-	-	-	-	ON	ON	ON
	Zafira	1999	2005	X	Analogue	-	-	ON	-	ON	ON	ON
	Zafira	2005	2014	√	CAN	-	-	ON	ON	ON	ON	ON

Car Specific Wiring Information

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

Mini-ISO Vehicles

| 147/GT CAN-Bus	
Interface Wire	**Pin Number**
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4
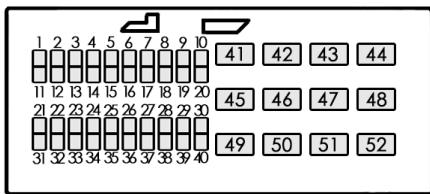
147/156/GT Analogue	
Interface Wire	**Pin Number**
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

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

Giulietta/Mito/4C OEM Specific

Giulietta/Mito/4C	
Interface Wire	**Pin Number**
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43
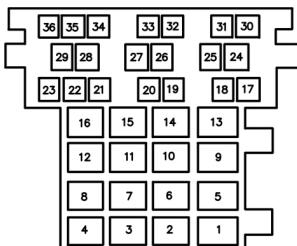
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Car Specific Wiring Information

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

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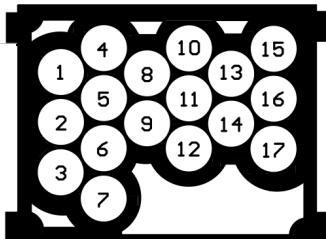
Audi CAN-Bus Quadlock	
Interface Wire	**Pin Number**
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

17 Way Round Pin
i-Bus Vehicles
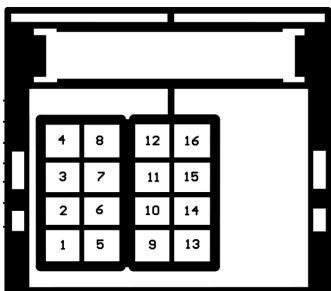
*Note that the Batt 12V wire should be connected directly to the vehicle battery as the vehicle connector does not have a permanent 12V feed.

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

Car Specific Wiring Information
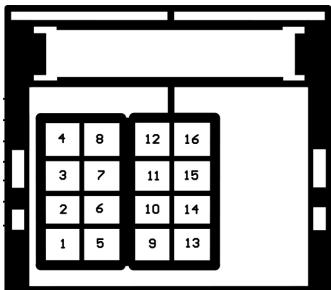
BMW Continued...

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

*Note that BMW i-Bus vehicles require a 4k7 resistor putting between the Batt 12V wire and the i-Bus wire (Analogue 2).
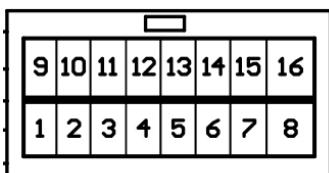
Quadlock CAN-Bus Vehicles

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
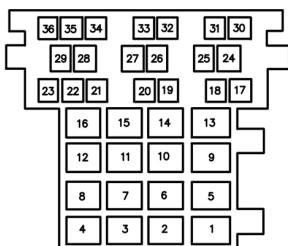
www.aerpro.com.au

Car Specific Wiring Information

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

CHRYSLER
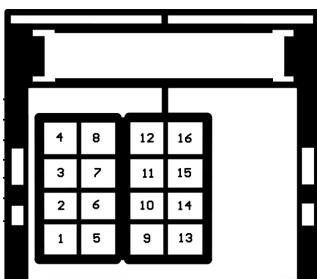
Mini-ISO Connector

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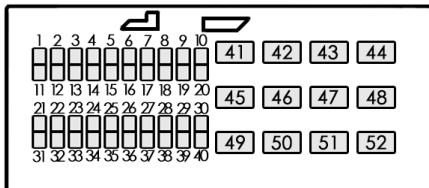
CITROËN

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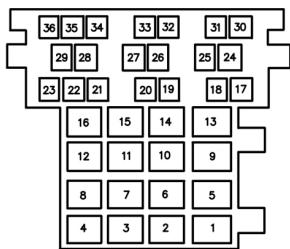
| Jumper CAN-Bus 2014>	
Interface Wire	Pin Number
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43

Car Specific Wiring Information

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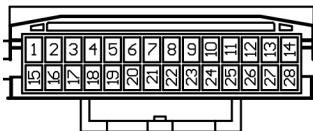
Mini-ISO Connector
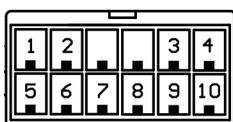
Relay/Jumper 2006-2008 Relay/Jumper 2008-2013 Evasion/Synergie 2006-2002 Dispatch 2007	
Interface Wire	**Pin Number**
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

C1 OEM Specific

A

B

C1	
Interface Wire	**Pin Number**
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7
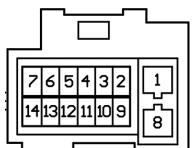
www.aerpro.com.au

Car Specific Wiring Information
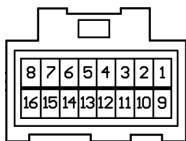
All connectors are shown from the terminal side and NOT the wire side

Fujitsu Ten Specific Connector
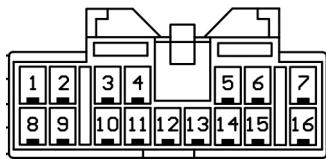
 A

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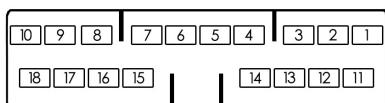
| Aveo, Captiva, Daewoo Winstorm, Holden Captiva	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

White S10 Connector



S10	
Interface Wire	Pin Number
Analogue 1	5
Analogue Ground	13
Batt 12V	14
Ground	10

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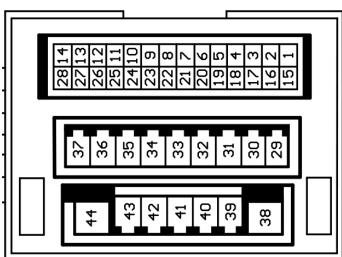
Spark 2010-2012	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	5
Batt 12V	15
Ground	6

Car Specific Wiring Information

Chevrolet Continued...
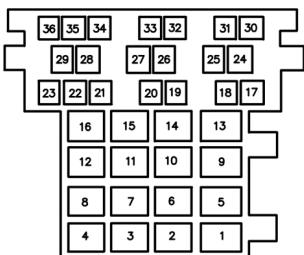
Spark/Sonic OEM Specific

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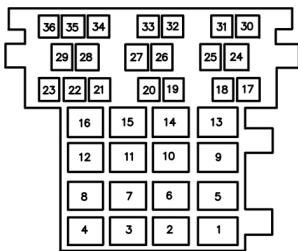
Ducato <2008	
Interface Wire	**Pin Number**
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

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Car Specific Wiring Information

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

Fiat Continued...
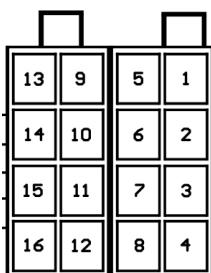
Mini-ISO Connector

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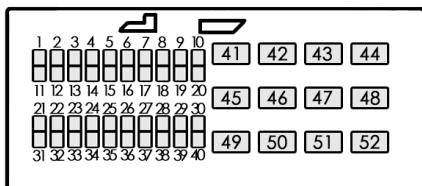
Bravo, Ritmo, Stilo	
Interface Wire	**Pin Number**
Analogue 1	5
Analogue 2	1
Analogue Ground	4
Batt 12V	8
Ground	4

Car Specific Wiring Information

Fiat Continued...
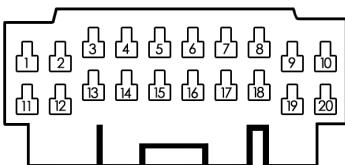
OEM Specific Connector

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

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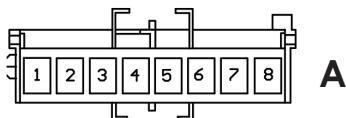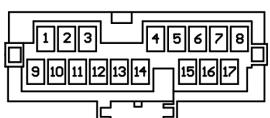
Sedici 2006-2014	
Interface Wire	**Pin Number**
Analogue 1	8
Analogue 2	19
Analogue Ground	20
Batt 12V	1
Ground	11

Old Style Analogue Vehicles

  A

  B
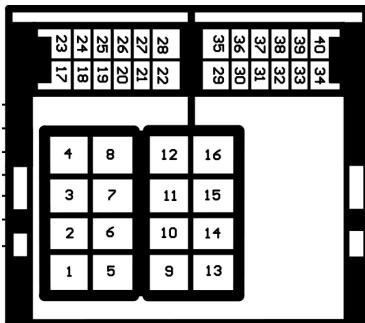
Old Style Analogue	
Interface Wire	**Pin Number**
Analogue 1	B5
Analogue Ground	B6
Batt 12V	A3
Ground	A8

# Car Specific Wiring Information

All connectors are shown from the terminal side and NOT the wire side
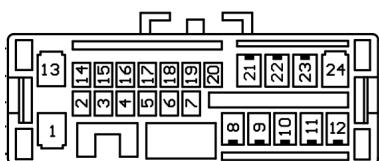
Ford Continued...
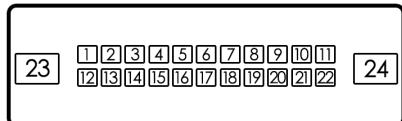
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Analogue 1	22
Analogue Ground	24
Batt 12V	15
Ground	12

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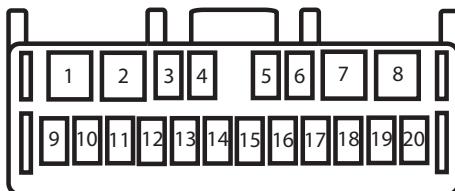
Fiesta, Transit	
Interface Wire	Pin Number
Analogue 1	4
Analogue Ground	16
Batt 12V	24
Ground	23

Car Specific Wiring Information

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

Ford Continued...
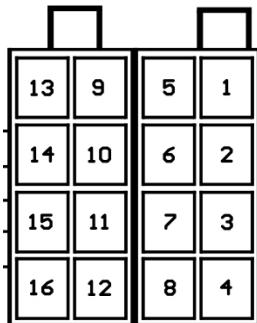
Ford AU series II & III

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

Great Wall

8 Way ISO Connector

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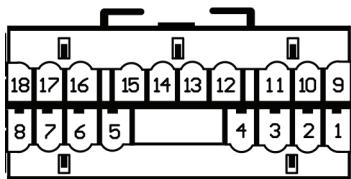
Interface Wire	Pin Number
Analogue 2	1
Analogue Ground	5
Batt 12V	8
Ground	4

H6

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

HOLDEN

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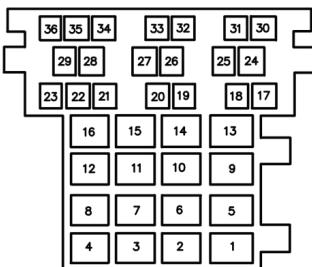
Interface Wire	Pin Number
Analogue2	9
Analogue Ground	16
Batt 12V	18
Ground	16

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Car Specific Wiring Information

All connecters are shown from the terminal side and NOT the wire side
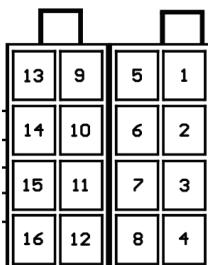
Holden
Continued...

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

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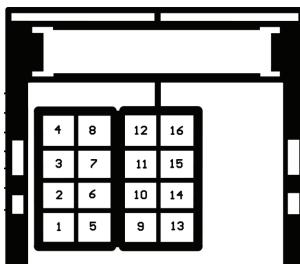
Astra Barina
Analogue

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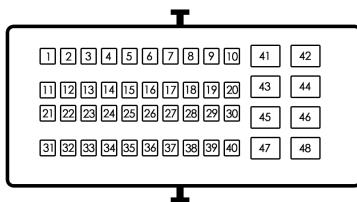
Astra / Barina CAN-Bus	
Interface Wire	**Pin Number**
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

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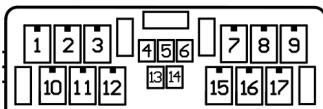
Street Glide	
Interface Wire	**Pin Number**
CAN High	1
CAN Low	11
Batt 12V	46
Ground	45

Car Specific Wiring Information
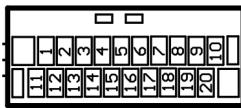
All connectors are shown from the terminal side and NOT the wire side


Analogue Vehicles
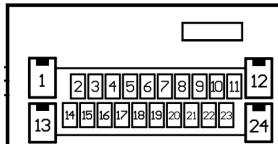
| Analogue	
Interface Wire	**Pin Number**
Analogue 1	B4
Analogue Ground	B5
Batt 12V	A10
Ground	A1

Civic CAN-Bus 2012>
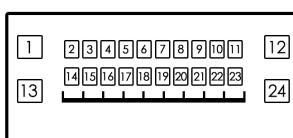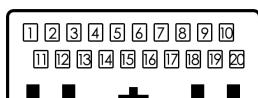
Civic CAN-Bus 2012>	
Interface Wire	**Pin Number**
CAN High	B13
CAN Low	B3
Batt 12V	A13
Ground	A1

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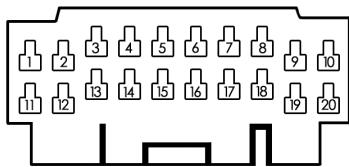
City, Fit, HR-V, Jazz 14>	
Interface Wire	**Pin Number**
Analogue 1	A21
Analogue 2	B12
Analogue Ground	A8
Batt 12V	A13

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Car Specific Wiring Information

Honda Continued...

CR-V/S2000/Jazz OEM Specific

CR-V 05-07, S2000 2001>	
Interface Wire	**Pin Number**
Analogue 1	8
Analogue Ground	7
Batt 12V	1
Ground	11
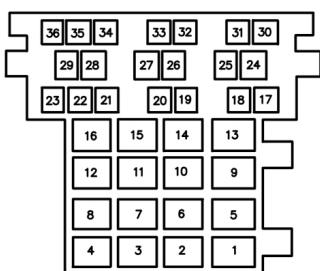
Jazz 05-08	
Interface Wire	**Pin Number**
Analogue 1	8
Analogue Ground	20
Batt 12V	1
Ground	11
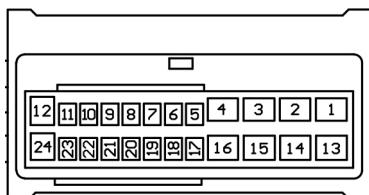
HYUNDAI

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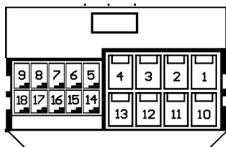
| Santa Fe 2006-2010	
Interface Wire	**Pin Number**
Analogue 2	6
Analogue Ground	18
Batt 12V	12
Ground	24

Car Specific Wiring Information
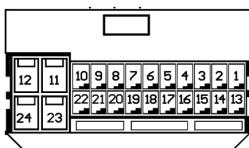
All connectors are shown from the terminal side and NOT the wire side

Hyundai Continued...

<u>Hyundai White Connector</u>

A

B

Hyundai White Connector	
Interface Wire	**Pin Number**
Analogue 2	B4
Analogue Ground	B17
Batt 12V	B12
Ground	B24
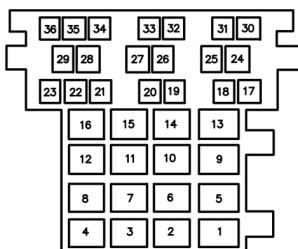
ISUZU   <u>D-Max Connector</u>

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

IVECO   <u>Daily Connector</u>
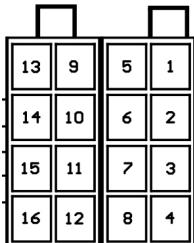
| Daily	
Interface Wire	**Pin Number**
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

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Car Specific Wiring Information

8 Way ISO Connector
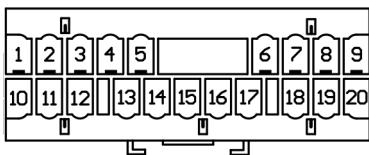
J3 2013>	
Interface Wire	**Pin Number**
Analogue 1	1
Analogue Ground	6
Batt 12V	8
Ground	4
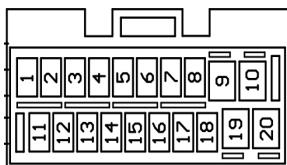
XJ8 Connector

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
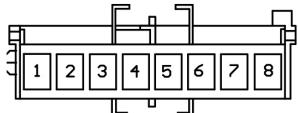
S/X Type	
Interface Wire	**Pin Number**
Analogue 1	13
Analogue Ground	To vehicle chassis
Batt 12V	20
Ground	10
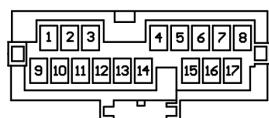
Car Specific Wiring Information
All connectors are shown from the terminal side and NOT the wire side

Jaguar Continued...

<u>S Type Connector</u>

A
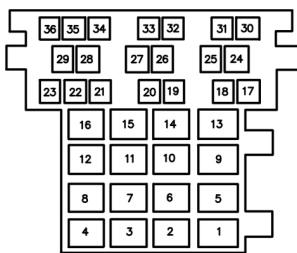
B

| S Type 99-02 ||
Interface Wire	Pin Number
Analogue 1	B5
Analogue Ground	B6
Batt 12V	A3
Ground	A8
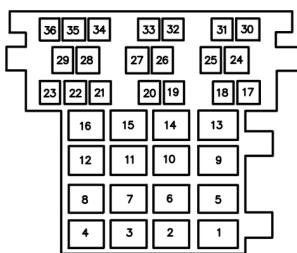
<u>Cee'd 2007-2009</u>

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

<u>Mini-ISO Vehicles</u>
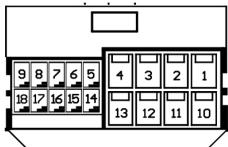
| Mini-ISO Vehicles ||
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	20
Batt 12V	8
Ground	4

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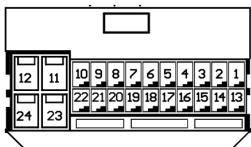
Car Specific Wiring Information

Kia Continued...

Kia White Connector

A

B
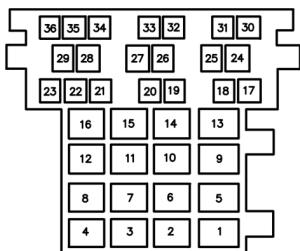
Kia White Connector	
Interface Wire	Pin Number
Analogue 2	B4
Analogue Ground	B17
Batt 12V	B12
Ground	B24

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
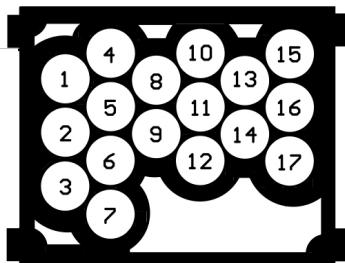
Car Specific Wiring Information

**All connectors are shown from the terminal side and NOT the wire side**
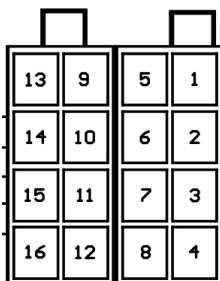
17 Way BMW Connector

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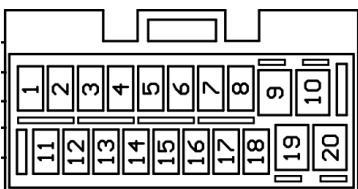
Land Rover Discovery Connector

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

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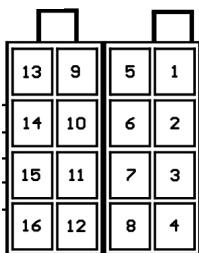
Freelander, Discovery, Range Rover Sport CAN-Bus	
Interface Wire	**Pin Number**
CAN High	2
CAN Low	1
Analogue 2	13
Analogue Ground	10
Batt 12V	20
Ground	10

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Car Specific Wiring Information

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
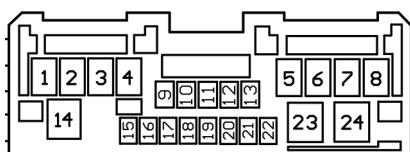
Scorpio	
Interface Wire	**Pin Number**
Analogue 1	A1
Analogue Ground	A6
Batt 12V	A8
Ground	A4
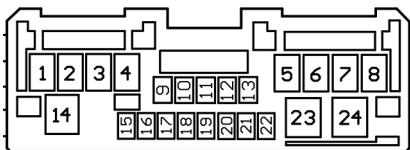
2 2007>

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

Car Specific Wiring Information

All connectors are shown from the terminal side and NOT the wire side
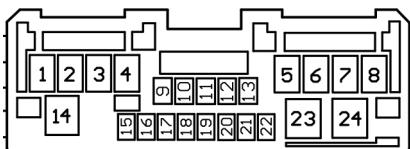
Mazda Continued...

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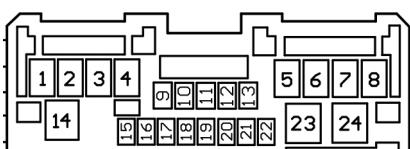
6 2007-2009	
Interface Wire	**Pin Number**
CAN High	20
CAN Low	21
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

<u>3 2004-2008</u>

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

<u>CX-7, CX-9</u>
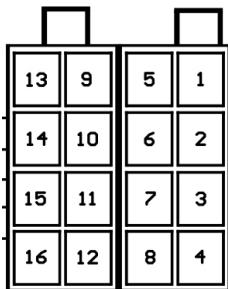
CX-7, CX-9	
Interface Wire	**Pin Number**
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

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Car Specific Wiring Information

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
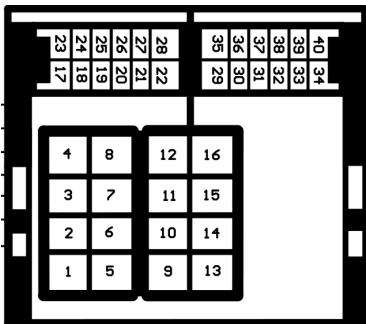
# Car Specific Wiring Information
All connectors are shown from the terminal side and NOT the wire side
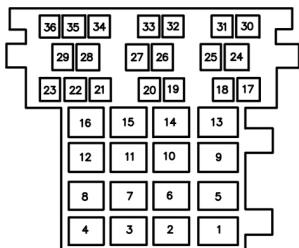
Mercedes Continued...

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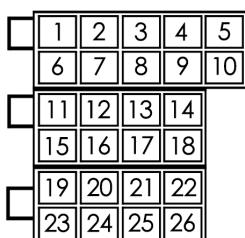
E Class/SLK Quadlock	
Interface Wire	**Pin Number**
CAN High	17
CAN Low	18
Batt 12V	16
Ground	15

<u>Mini-ISO CAN-Bus</u>
<u>Vehicles</u>
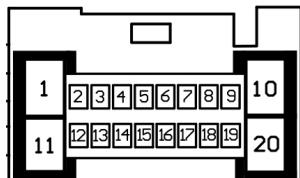

Mini-ISO CAN-Bus	
Interface Wire	**Pin Number**
CAN High	17
CAN Low	30
Batt 12V	2
Ground	4

<u>10 Way ISO CAN-Bus</u>
<u>Vehicles</u>

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

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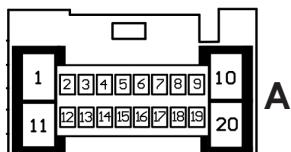
Outlander 2013>
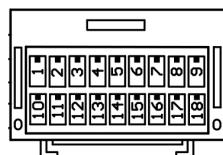
Outlander 2013>	
Interface Wire	**Pin Number**
CAN High	8
CAN Low	18
Analogue 1	9
Analogue Ground	11
Batt 12V	1
Ground	11

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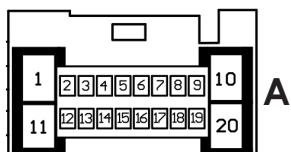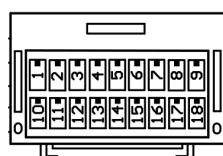
ASX, Lancer, Outlander 2010>, Pajero, Shogun 2013>	
Interface Wire	**Pin Number**
Analogue 1	A9
Analogue Ground	To vehicle chassis
Batt 12V	A1
Ground	To vehicle Chassis

Outlander/Lancer 2007-2010
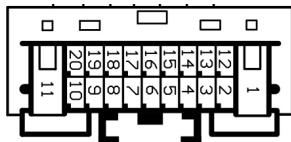
Lancer, Outlander 2007-2010	
Interface Wire	**Pin Number**
Analogue 1	A9
Analogue Ground	To vehicle chassis
Batt 12V	A1
Ground	To vehicle Chassis

Car Specific Wiring Information

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

NISSAN
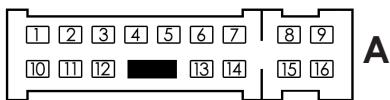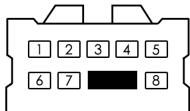
All Models

| 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
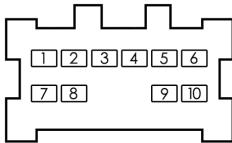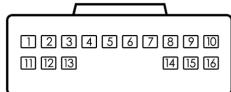
Almera/Primera/Terrano X-Trail	
Interface Wire	**Pin Number**
Analogue 1	B4
Analogue 2	B5
Analogue Ground	B3
Batt 12V	A8
Ground	A9
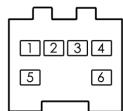
6 & 10 Way Connector
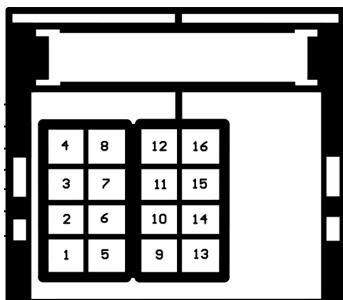
350Z 03>, Navara 06>, X-Trail 01>	
Interface Wire	**Pin Number**
Analogue 1	B13
Analogue 2	B3
Analogue Ground	B5
Batt 12V	A4
Ground	To vehicle chassis

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Car Specific Wiring Information

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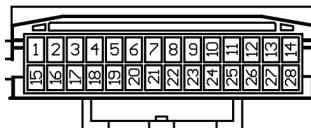
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

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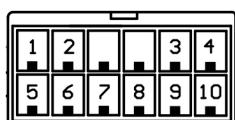
| 206/306 98-02, 806 96-02	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

108 OEM Connector

A

B
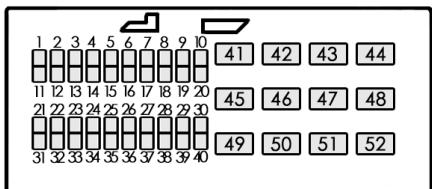
108	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7

Car Specific Wiring Information
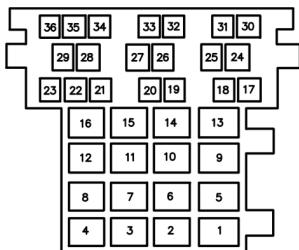
**All connectors are shown from the terminal side and NOT the wire side**

Peugeot Continued...   <u>Boxer OEM Connector</u>
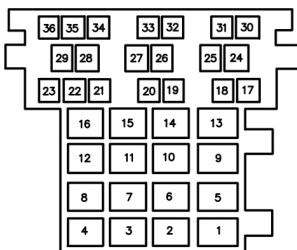
Boxer 2014>	
Interface Wire	**Pin Number**
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43

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

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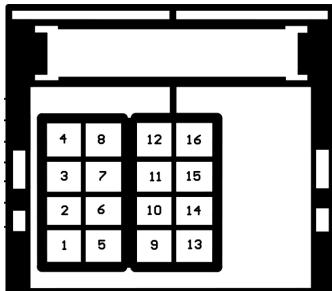
Cayenne 2002-2007 Mini-ISO	
Interface Wire	**Pin Number**
CAN High	30
CAN Low	17
Batt 12V	2
Ground	4

Car Specific Wiring Information

Porsche Continued...
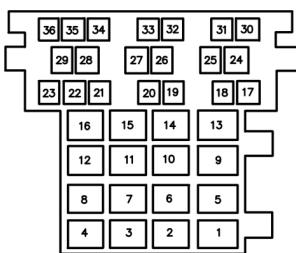
<u>Cayenne Quadlock</u>

Cayenne 2002-2007 Quadlock	
Interface Wire	**Pin Number**
CAN High	11
CAN Low	9
Batt 12V	12
Ground	15
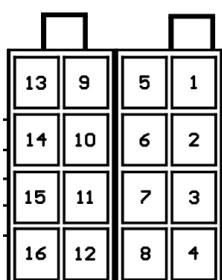
<u>GEN-2 Mini ISO</u>
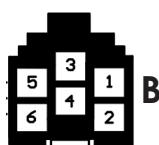
GEN-2	
Interface Wire	**Pin Number**
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

<u>Mini-ISO with 'Update List' OEM head unit</u>

| Mini-ISO with 'Update List' OEM head unit	
Interface Wire	**Pin Number**
CAN High	B6
CAN Low	B2
Batt 12V	A2
Ground	A4
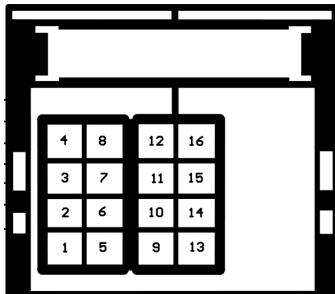
Car Specific Wiring Information

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

Renault Continued...
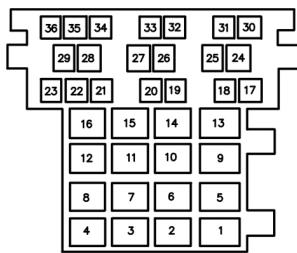
CAN-Bus Quadlock

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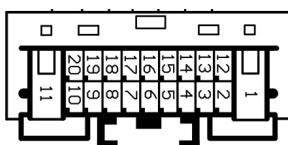
CAN-Bus Mini-ISO

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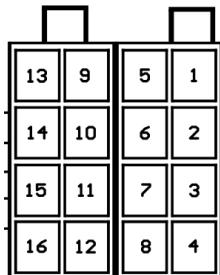
Scala	
Interface Wire	**Pin Number**
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

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Car Specific Wiring Information
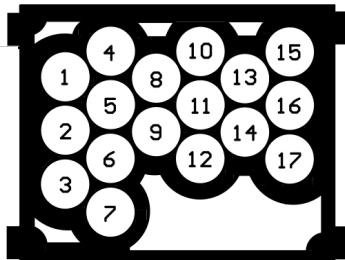
Rover 75 with Highline OEM
head unit
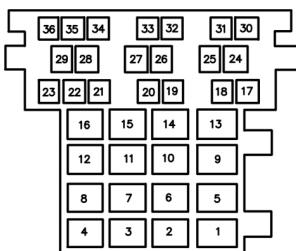
Rover 75 with Highline	
Interface Wire	**Pin Number**
Analogue 1	1
Analogue Ground	To vehicle chassis
Batt 12V	2
Ground	4

17 Way BMW Connector

17 way BMW Connector	
Interface Wire	**Pin Number**
Analogue 1	16
Analogue Ground	N/R
Batt 12V	11
Ground	10
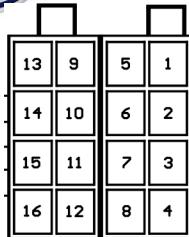
25/45/75 Mini-ISO Vehicles

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

Car Specific Wiring Information

**All connectors are shown from the terminal side and NOT the wire side**
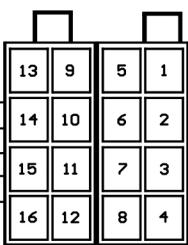
Saab 9.3/9.5 1998-2005

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

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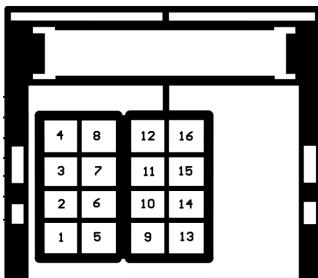
Scania R Series 8 Way ISO

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

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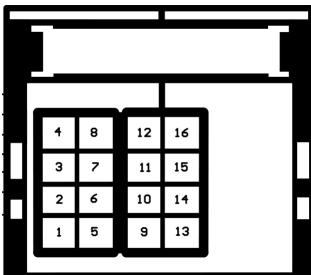
Skoda CAN-Bus Quadlock	
Interface Wire	**Pin Number**
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

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Car Specific Wiring Information
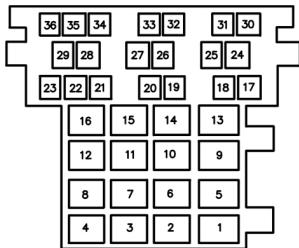
Seat CAN-Bus Quadlock
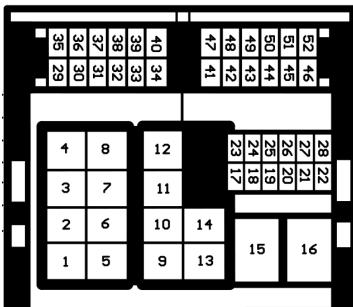
Seat CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

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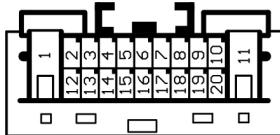
Seat Alhambra (MIB-PQ)	
Interface Wire	Pin Number
CAN High	22
CAN Low	28
Batt 12V	16
Ground	15

Car Specific Wiring Information

All connectors are shown from the terminal side and NOT the wire side
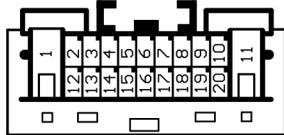
Forester/Impreza
2007-2012

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

Impreza, Forester,
Outback, XV 2012>
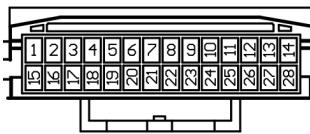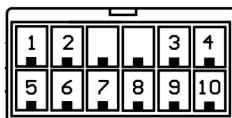
| Impreza, Forester, Outback, XV 2012> ||
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	8
Analogue Ground	7
Batt 12V	1
Ground	11
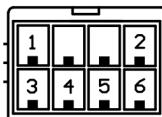
Impreza, Forester,
XV 2015>

A

B

C
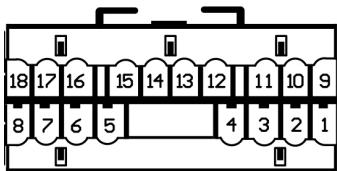
| Impreza, Forester, XV 2015> ||
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	A22
Analogue Ground	B4
Batt 12V	B4
Ground	B7

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Car Specific Wiring Information
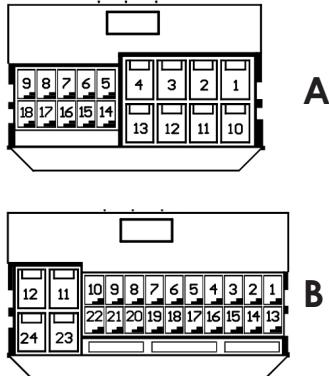
Actyon/Rexton/Korando Sport/
Rodius Connector

| 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

A

B

Tivoli EX / ELX	
Interface Wire	Pin Number
Analogue 1	B17
Analogue Ground	B4
Batt 12V	B12
Ground	B24
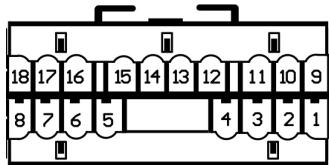
| Tivoli SE	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	A18
Batt 12V	B12
Ground	B24

Car Specific Wiring Information

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

Ssangyong Continued...

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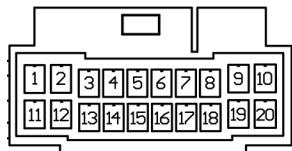
All other Ssangyong models	
Interface Wire	**Pin Number**
Analogue 2	16
Analogue Ground	13
Batt 12V	5
Ground	14

All Suzuki models
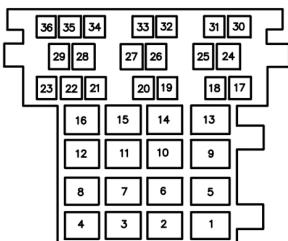
Suzuki all models	
Interface Wire	**Pin Number**
Analogue 1	19
Analogue 2	8
Analogue Ground	20
Batt 12V	1
Ground	11

All Tata models

Tata Vista, Manza, Indigo	
Interface Wire	**Pin Number**
Analogue 2	20
Analogue Ground	27
Batt 12V	2
Ground	4
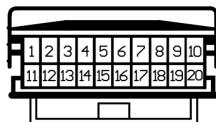
www.aerpro.com.au

Car Specific Wiring Information
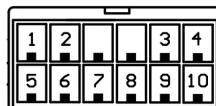
Toyota <2011
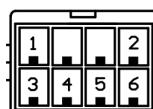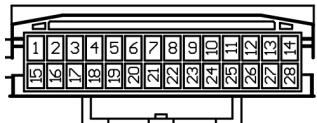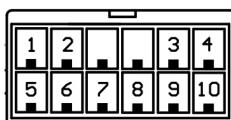
| Toyota <2011	
Interface Wire	**Pin Number**
Analogue 1	A8
Analogue 2	A7
Analogue Ground	A6
Batt 12V	B4
Ground	B7
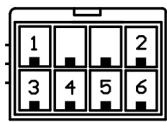
Toyota 2011>
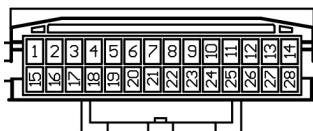
| Toyota 2011>	
Interface Wire	**Pin Number**
Analogue 1	A21
Analogue 2	A22
Analogue Ground	B4
Batt 12V	B4
Ground	B7

Car Specific Wiring Information
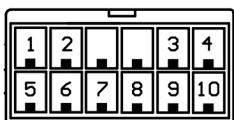
All connectors are shown from the terminal side and NOT the wire side

Toyota Continued...   Toyota Aygo 2014>

A

B
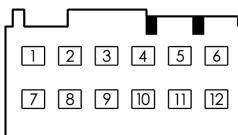
| Aygo 2014>	
Interface Wire	**Pin Number**
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7
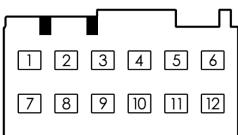
All Volvo models

Green

A

Grey

B
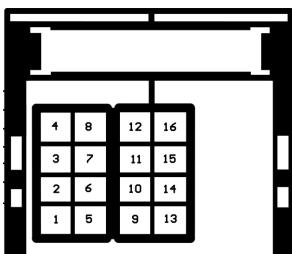
| S60, V70	
Interface Wire	**Pin Number**
CAN High	A12
CAN Low	A11
Batt 12V	A6
Ground	A7

VW CAN-Bus All Models
40 Way Quadlock
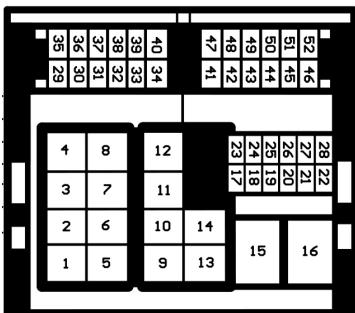
VW CAN-Bus Quadlock	
Interface Wire	**Pin Number**
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

www.aerpro.com.au
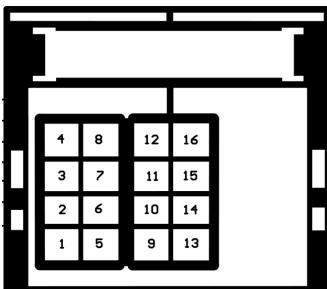
Car Specific Wiring Information

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

Car Specific Wiring Information
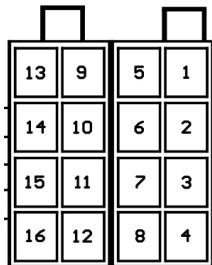
**All connectors are shown from the terminal side and NOT the wire side**
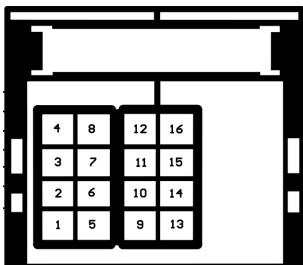

Vauxhall/Opel Analogue
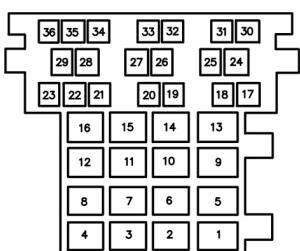
Vauxhall/Opel Analogue	
Interface Wire	**Pin Number**
Analogue 1	1
Analogue Ground	7
Batt 12V	8
Ground	4

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