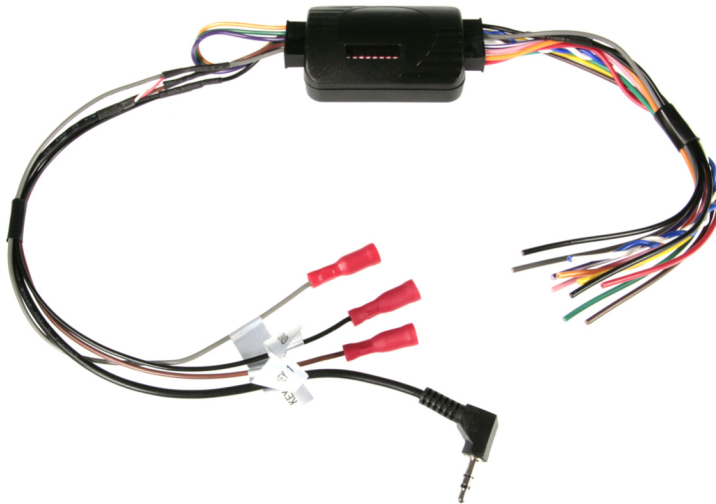


APUNISW2 Universal Steering Wheel Control for CAN-Bus & Resistive Vehicles

**New and Updated Vehicle
Applications**



INSTRUCTION MANUAL

Designed and
Engineered
in the UK. 

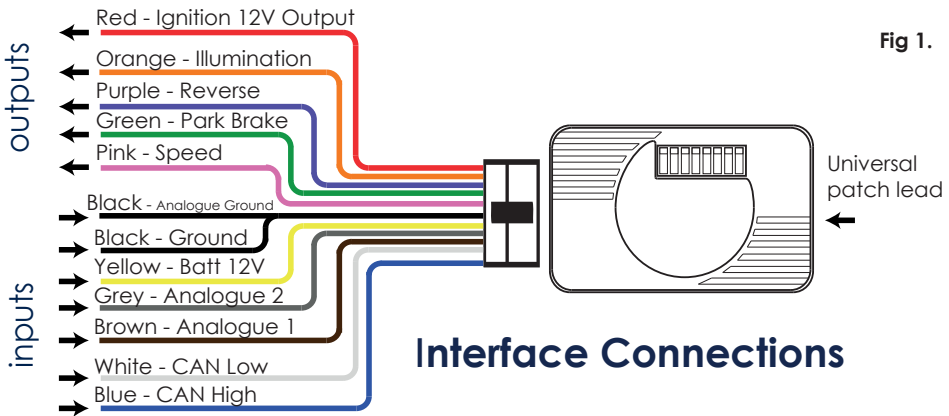
About

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.

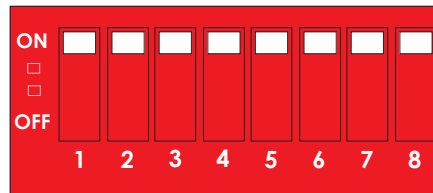
Installation

- 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.



Dipswitch Settings

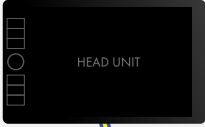


Set the dipswitches 1-7 according to the car specific settings overleaf.

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

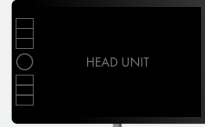
Ensure dipswitch 8 is set to OFF when fitting with a Sony head unit.

SINGLE WIRE INPUT



Radios such as Kenwood, JVC and Grundig have single wire input. Use this connection first and cut loops accordingly. Ensure the Radio manual is checked for this cable before proceeding.

LEARNING RADIOS

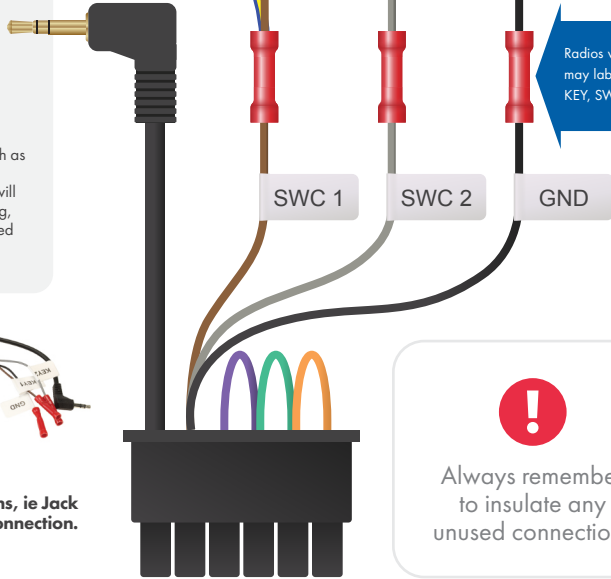


Radios with 3 wire learning will require all three Key wires connected, then programmed in the radios menu. Check Radio manual for before proceeding.

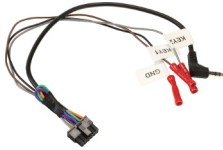
3.5MM JACK INPUT



Radios with a jack input ONLY, such as Sony and Pioneer will utilise this connection. Some learning radios will use this connection for programming, these radios should have all coloured loops connected.



APUNIPL2



Radios with multiple connections, ie Jack and wire input, only use one connection. For more detailed instructions, please follow the QR code.

!
Always remember to insulate any unused connections



Aerpro, Sony, Pioneer & Other Radios with Learning Ability
No Loops Cut



Alpine
Cut Green



Clarion
Cut Purple



JVC
Cut Purple & Green



Grundig, Philips, Nakamichi
Cut Purple & Orange



Kenwood
Cut Green & Orange

IMPORTANT INFORMATION

Kenwood/JVC: Some Kenwood/JVC radios have 2 steering control inputs. A 3.5mm socket (Remote IN) and Blue with Yellow trace wire. To send direct translated codes to your Kenwood/JVC radio, configure the patch lead up as Kenwood or JVC outlined in the configuration assignments and connect the Brown patch lead wire to the Blue with Yellow trace wire coming from your Kenwood/JVC harness, Disregard the 3.5mm jack it will not be used. If you would like to be able to program and re-map your steering controls configure the patch lead as Sony/LG/Pioneer and plug the 3.5mm Jack into the Remote IN of the Kenwood/JVC, Disregard the brown wire.

Pioneer: Some Pioneer models require the steering controls to be enabled in the pioneer radio as they will default OFF. These steering control settings are located in the system settings of the radio can only be accessed whilst the unit is in standby mode and the park-brake wire is connected (if applicable) Please refer to your Pioneer manual on exact methods for enabling steering controls.

Sony: Newer Sony radios may give you incorrect SWC button presses after installing a control harness. This is due to a slight change in input codes on the newer Sony radios. To resolve this please do the following steps:

- Remove the Steering control harness from the vehicle.
- Remove the plastic casing from the black steering control box. (not required if the box has a window for access)
- Locate the very small dipswitch selector on the board
- Turn dipswitch 4 OFF.
- Re-assemble and test.

There is also some Sony radio's that default steering controls off. If you are receiving no steering control functions at all please refer to your Sony manual on how to enable steering controls.

General: Please ensure all connections to your aftermarket head unit (including patch lead modification) are completed before power is provided to the harness. Some of our control harnesses work by translating the vehicles CANBUS data and can only start this process on ignition. If you find that you are not getting any response from your steering controls on accessory (single key click) please re-test on ignition.

Note: The steering controls must be working in the vehicle previously to work with our control harnesses. They will not fix a previous underlying problems.

Car Specific Dipswitch Settings

Make	Model	Year From	Year To	Phone Button Support	CAN/Analogue	Dipswitch Setting						
						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	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	2008	√	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	
Citroen	Berlingo	2008		X	CAN	-	ON	-	-	ON	ON	
	C1	2014		√	Analogue	ON	-	-	ON	ON	-	
	C2	2005	2009	X	CAN	-	ON	-	-	ON	ON	
	C2	2005	2009	X	CAN	-	ON	-	-	ON	ON	
	C3	2006		X	CAN	-	ON	-	-	ON	ON	
	C3	2006		X	CAN	-	ON	-	-	ON	ON	
	C3 Picasso	2009		X	CAN	-	ON	-	-	ON	ON	
	C4	2004	2010	X	CAN	-	ON	-	-	ON	ON	
	C4	2004	2010	X	CAN	-	ON	-	-	ON	ON	
	C4 Picasso	2006		X	CAN	-	ON	-	-	ON	ON	
	C5	2005	2008	X	CAN	-	ON	-	-	ON	ON	
	C5	2005	2008	X	CAN	-	ON	-	-	ON	ON	
	C8	2005	2014	X	CAN	-	ON	-	-	ON	ON	
	C8	2005	2014	X	CAN	-	ON	-	-	ON	ON	
	Dispatch	2007		X	Analogue	-	ON	ON	ON	-	ON	
	DS3	2009		X	CAN	-	ON	-	-	ON	ON	
	Evasion	1996	2002	X	Analogue	-	ON	ON	ON	-	ON	
	Jumper	2006	2008	X	CAN	-	ON	ON	ON	-	ON	
	Jumper	2008	2013	X	CAN	-	ON	ON	-	-	ON	
	Jumper	2014		√	CAN	ON	-	ON	ON	ON	ON	
Relay	2006	2008	X	CAN	-	ON	ON	ON	-	ON		
Relay	2008	2014	X	CAN	-	ON	ON	-	-	ON		
Relay	2007		X	Analogue	-	ON	ON	ON	-	ON		
Synergie	1996	2002	X	Analogue	-	ON	ON	ON	-	ON		

Car Specific Dipswitch Settings

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	
	500	2007		√	CAN	-	ON	ON	ON	ON	ON	ON	
Fiat	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	
	Multipia	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	
	Purto	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

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
	Commodore VY-VZ	2002	2007	X	Analogue	-	-	-	-	-	-	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
	City	2008	2013	X	Analogue	ON	ON	ON	-	-	ON	ON
	City	2014		√	Analogue	ON	ON	-	-	-	ON	ON
	Civic	2005	2012	X	Analogue	ON	ON	ON	-	-	ON	ON
	Civic	2012		√	CAN	ON	-	ON	-	-	-	ON
	CR-V	2007	2009	X	Analogue	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
	S2000	2001		X	Analogue	ON	-	ON	-	-	ON	ON
	Hyundai	Azera	2011		√	Analogue	-	-	-	-	-	ON
Elantra		2011		√	Analogue	-	-	-	-	-	ON	-
i10		2009	2013	√	Analogue	-	-	-	-	-	ON	-
i10		2014		√	Analogue	-	-	-	-	-	ON	-
i20		2009	2015	√	Analogue	-	-	-	-	-	ON	-
i20		2015		√	Analogue	-	-	-	-	-	ON	-
i30		2007	2009	√	Analogue	-	-	-	-	-	ON	-
i30		2009	2012	√	Analogue	-	-	-	-	-	ON	-
i30		2012		√	Analogue	-	-	-	-	-	ON	-
i30		2007	2013	√	Analogue	-	-	-	-	-	ON	-
i40		2011		√	Analogue	-	-	-	-	-	ON	-
i40		2012		√	Analogue	-	-	-	-	-	ON	-
i45		2009		√	Analogue	-	-	-	-	-	ON	-
i45		2007		√	Analogue	-	-	-	-	-	ON	-
i45		2010		√	Analogue	-	-	-	-	-	ON	-
i45		2013		√	Analogue	-	-	-	-	-	ON	-
Kia Cee'd		2012		√	Analogue	-	-	-	-	-	ON	-
Kia Optima		2014		√	Analogue	-	-	-	-	-	ON	-
Santa Fe		2006	2010	√	Analogue	-	-	-	-	-	ON	-
Santa Fe		2010	2013	√	Analogue	-	-	-	-	-	ON	-
Santa Fe		2013		√	Analogue	-	-	-	-	-	ON	-
Sonata		2008	2010	√	Analogue	-	-	-	-	-	ON	-
Sonata (YF Series)	2009		√	Analogue	-	-	-	-	-	ON	-	
Tucson	2010		√	Analogue	-	-	-	-	-	ON	-	
Isuzu	D-Max	2012		√	Analogue	ON	ON	-	-	-	ON	-
	MU-X	2014		√	Analogue	ON	ON	-	-	-	ON	-
	Chevrolet Colorado	2012	2014	√	Analogue	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	-
	S Type			√	Analogue	ON	-	-	-	-	ON	ON
	S Type	1999	2002	X	Analogue	-	-	ON	-	-	ON	ON
Kia	X Type	2001	2009	√	Analogue	ON	-	-	-	-	ON	ON
	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
Lancia	Venga	2009		√	Analogue	ON	ON	ON	ON	ON	-	ON
	Delta	2009		√	CAN	-	ON	ON	-	-	ON	ON

Car Specific Dipswitch Settings

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
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
	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

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
	Evallia	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	
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	-	
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

Car Specific Dipswitch Settings

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	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	
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
Subaru	Toledo	2004		√	CAN	ON	ON	-	-	ON	ON	ON
	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

SsangYong	Actyon	2006		X	Analogue	-	-	-	ON	ON	-	ON
	Actyon	2012			√	Analogue	-	-	ON	ON	ON	ON
	Korando	2010			√	Analogue	ON	-	-	ON	ON	-
	Korando	2010			X	Analogue	-	-	-	ON	ON	-
	Korando Sport	2012			X	Analogue	-	-	-	ON	ON	-
	Korando Sport	2012			√	Analogue	-	-	ON	ON	ON	-
	Reston	2007	2012		X	Analogue	-	-	-	ON	ON	-
	Reston	2007			√	Analogue	-	-	ON	ON	ON	-
	Reston W	2013			√	Analogue	-	-	ON	ON	ON	-
	Rodius	2013			X	Analogue	-	-	-	ON	ON	-
	Rodius Turismo	2013			√	Analogue	-	-	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
	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
	Ritz	2009			X	Analogue	ON	-	-	ON	-	ON
	Splash	2009			X	Analogue	ON	-	-	ON	-	ON
	Swift	2006	2011		X	Analogue	ON	-	-	ON	-	ON
	Swift	2011			√	Analogue	ON	-	-	ON	-	ON
	SX4	2006			X	Analogue	ON	-	-	ON	-	ON
	SX4 S-Cross	2013			√	Analogue	ON	-	-	ON	-	ON
	Vauxhall Agila	2009	2015		X	Analogue	ON	-	-	ON	-	ON
Vitara	2015			√	Analogue	ON	-	-	ON	-	ON	
Tata	Indigo	2006			√	Analogue	-	ON	-	ON	-	ON
	Manza	2012			√	Analogue	-	ON	-	ON	-	ON
	Vista	2012			√	Analogue	-	ON	-	ON	-	ON
Toyota	4Runner	2002			√	Analogue	ON	ON	ON	-	ON	-
	Avanza	2003			√	Analogue	ON	ON	ON	-	ON	-
	Avensis	2001	2011		√	Analogue	ON	ON	ON	-	ON	-
	Avensis	2011			√	Analogue	ON	ON	ON	-	ON	-
	Aygo	2014			√	Analogue	ON	ON	ON	-	ON	-
	Corolla	2001	2011		√	Analogue	ON	ON	ON	-	ON	-
	Corolla	2011			√	Analogue	ON	ON	ON	-	ON	-
	Estima	2006			√	Analogue	ON	ON	ON	-	ON	-
	Fortuner	2005			√	Analogue	ON	ON	ON	-	ON	-
	Hilux	2012			√	Analogue	ON	ON	ON	-	ON	-
	Innova	2006			√	Analogue	ON	ON	ON	-	ON	-
	Innova	2011			√	Analogue	ON	ON	ON	-	ON	-
	Landcruiser	2007			√	Analogue	ON	ON	ON	-	ON	-
	Lexus GX Series	2003	2009		√	Analogue	ON	ON	ON	-	ON	-
	Matrix	2003			√	Analogue	ON	ON	ON	-	ON	-
	Prado	2007			√	Analogue	ON	ON	ON	-	ON	-
	Previa	2006			√	Analogue	ON	ON	ON	-	ON	-
	RAV4	2001	2011		√	Analogue	ON	ON	ON	-	ON	-
	RAV4	2011			√	Analogue	ON	ON	ON	-	ON	-
	Rush	2006	2011		√	Analogue	ON	ON	ON	-	ON	-
	Rush	2011			√	Analogue	ON	ON	ON	-	ON	-
	Verso	2011			√	Analogue	ON	ON	ON	-	ON	-
	Vios	2006			√	Analogue	ON	ON	ON	-	ON	-
Yaris	2001	2011		√	Analogue	ON	ON	ON	-	ON	-	
Yaris	2011			√	Analogue	ON	ON	ON	-	ON	-	
Volvo	S60	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-
	V70	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-

Car Specific Dipswitch Settings

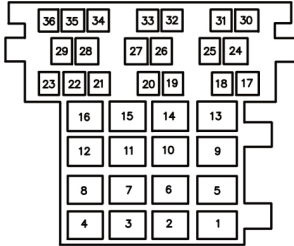
VW	Amarok	2010		√	CAN	ON	ON	-	ON	ON	-	ON
	EOS	2006	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Beetle	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Caddy	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Crafter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
	Crafter	2014		√	CAN	ON	-	ON	ON	ON	ON	ON
	Fusca	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Gol	2012		√	CAN	-	-	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	
Vento	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON	
Vauxhall/Opel	Astra	1998	2004	X	Analogue	-	-	ON	-	ON	ON	ON
	Anlira	2006	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Anlira	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

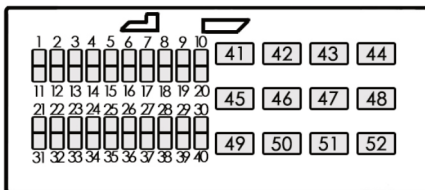


147/GT CAN-Bus	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

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

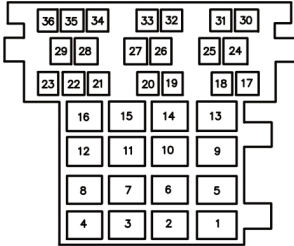
Car Specific Wiring Information

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



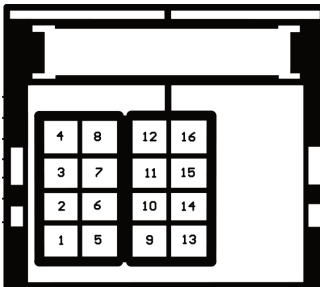
Audi

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

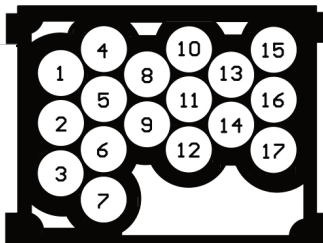


Audi CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12



17 Way Round Pin i-Bus Vehicles

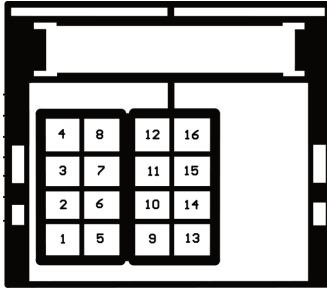
*Note that the Batt 12V wire should be connected directly to the vehicle battery as the vehicle connector does not have a permanent 12V feed.



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

Car Specific Wiring Information

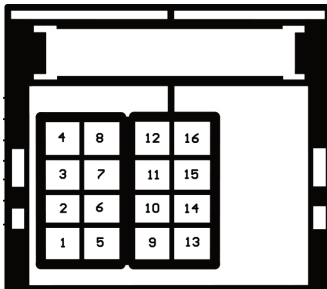
BMW Continued... 40 Way Flat Pin Quadlock
i-Bus Vehicles



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).

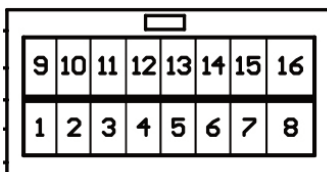
Quadlock CAN-
Bus Vehicles



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

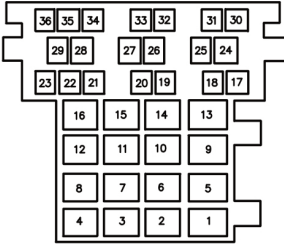
Car Specific Wiring Information

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

CHRYSLER



Mini-ISO Connector



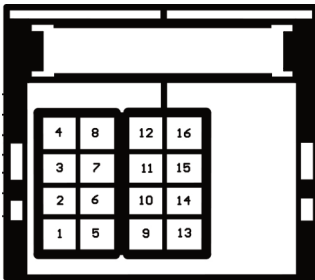
Chrysler Delta

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



CITROËN

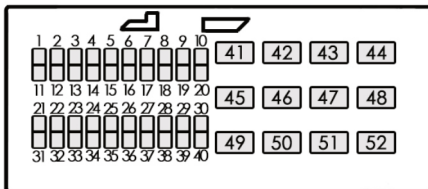
Quadlock CAN-Bus Vehicles



Quadlock CAN-Bus Vehicles

Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

Jumper OEM Specific



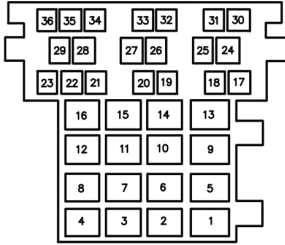
Jumper CAN-Bus 2014>

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

Car Specific Wiring Information

Citroën Continued...

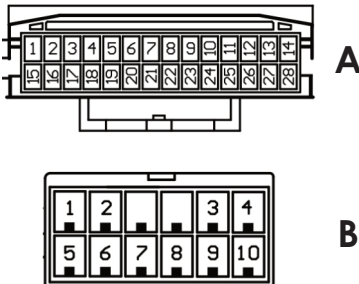
Mini-ISO Connector



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



C1	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7

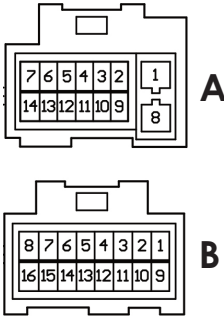
Car Specific Wiring Information

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



CHEVROLET

Fujitsu Ten Specific Connector



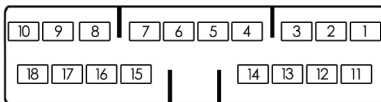
Aveo, Captiva, Daewoo Winstorm, Holden Captiva	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

White S10 Connector



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

White Spark Connector

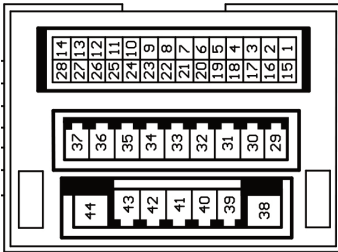


Spark 2010-2012	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	5
Batt 12V	15
Ground	6

Car Specific Wiring Information

Chevrolet Continued...

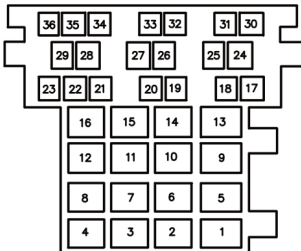
Spark/Sonic OEM Specific



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

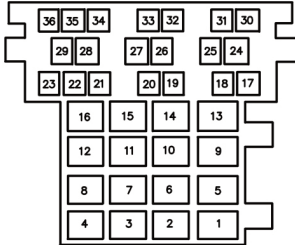
Panda	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

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

Car Specific Wiring Information

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

Fiat Continued...

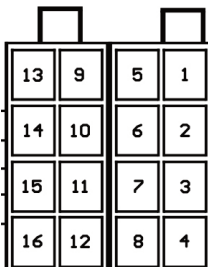


Mini-ISO Connector

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

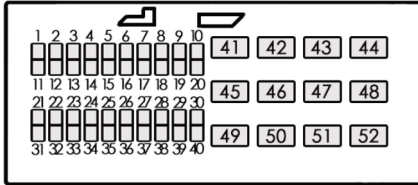


Bravo, Ritmo, Stilo	
Interface Wire	Pin Number
Analogue 1	5
Analogue 2	1
Analogue Ground	4
Batt 12V	8
Ground	4

Car Specific Wiring Information

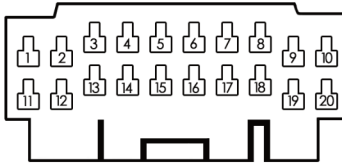
Fiat Continued...

OEM Specific Connector



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

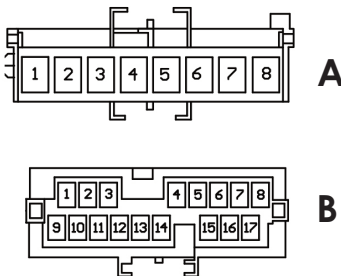
Sedici OEM Connector



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



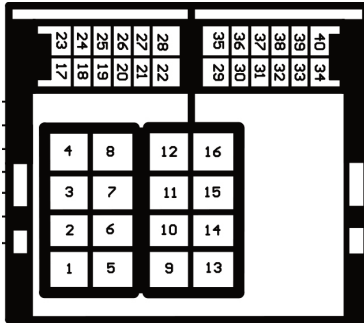
Old Style Analogue	
Interface Wire	Pin Number
Analogue 1	B5
Analogue Ground	B6
Batt 12V	A3
Ground	A8

Car Specific Wiring Information

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

Ford Continued...

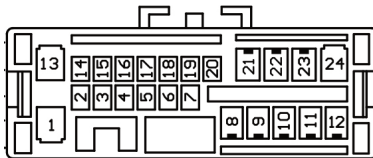
Quadlock CAN-Bus Vehicles



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

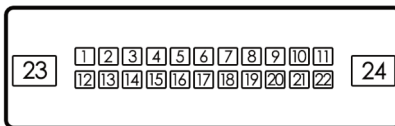
Fiesta/F150/Fusion



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)



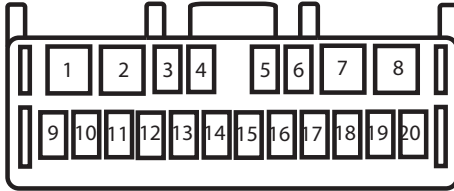
Fiesta, Transit

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...



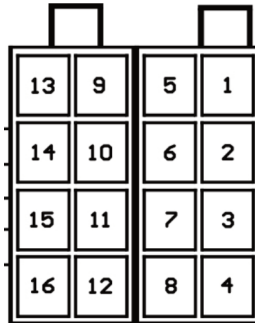
Ford AU series II & III

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



Great Wall

8 Way ISO Connector



Steed, Wingle

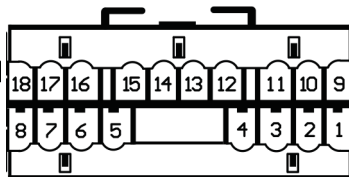
Interface Wire	Pin Number
Analogue 2	1
Analogue Ground	5
Batt 12V	8
Ground	4

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

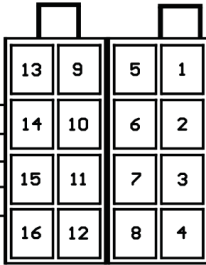
Car Specific Wiring Information

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

Holden Continue



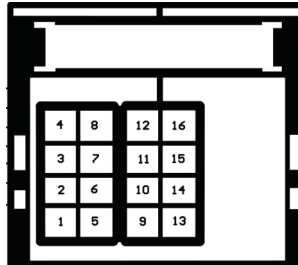
Holden VY, VZ, Monaro	
Interface Wire	Pin Number
Analogue 1	20
Analogue Ground	27
Batt 12V	8
Ground	4



Astra Barina
Analogue

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

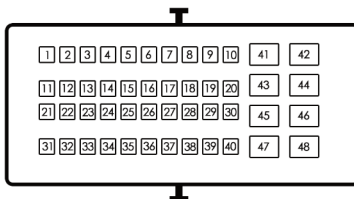
Astra Barina
CAN-Bus



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

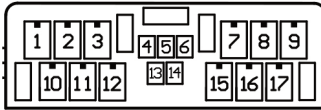
Car Specific Wiring Information

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



HONDA

Analogue Vehicles



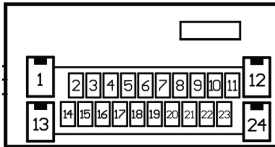
A



B

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

Civic CAN-Bus 2012>



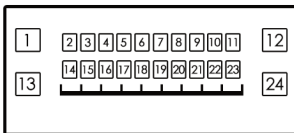
A



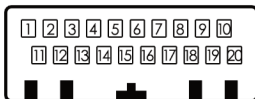
B

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



A



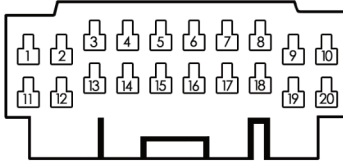
B

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

Car Specific Wiring Information

Honda Continued...

CR-V/S2000/Jazz OEM Specific



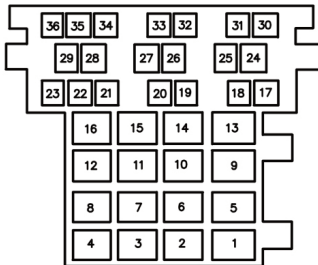
CR-V 05-07, S2000 2001>	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	7
Batt 12V	1
Ground	11

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

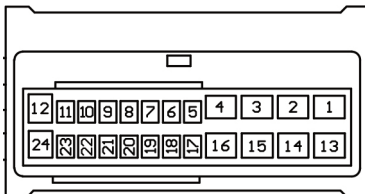


HYUNDAI

Mini-ISO Connector



Santa Fe 2006-2010



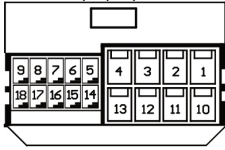
Mini-ISO Vehicles	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	20
Batt 12V	8
Ground	4

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

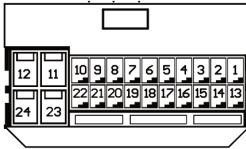
Car Specific Wiring Information

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

Hyundai Continued... Hyundai White Connector



A

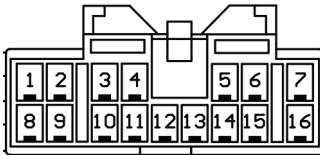


B

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

ISUZU

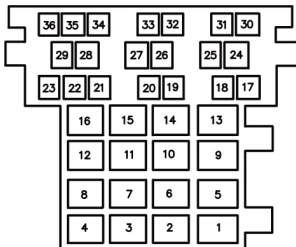
D-Max Connector



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



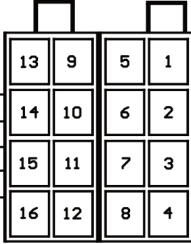
Daily	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Car Specific Wiring Information



JAC
MOTORS

8 Way ISO Connector

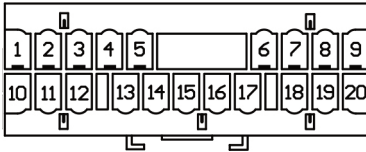


J3 2013>	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	6
Batt 12V	8
Ground	4



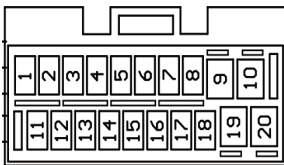
JAGUAR

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



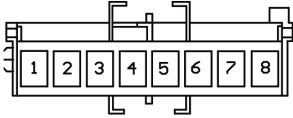
S/X Type	
Interface Wire	Pin Number
Analogue 1	13
Analogue Ground	To vehicle chassis
Batt 12V	20
Ground	10

Car Specific Wiring Information

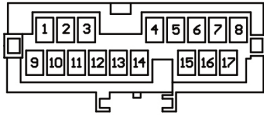
All connectors are shown from the terminal side and NOT the wire side

Jaguar Continued...

S Type Connector



A

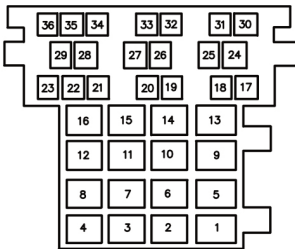


B

S Type 99-02	
Interface Wire	Pin Number
Analogue 1	B5
Analogue Ground	B6
Batt 12V	A3
Ground	A8

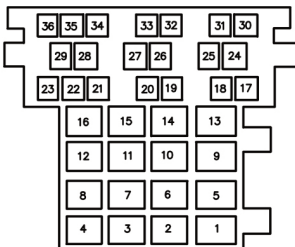


Cee'd 2007-2009



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

Mini-ISO Vehicles

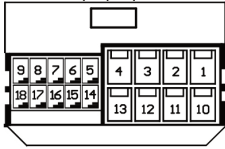


Mini-ISO Vehicles	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	20
Batt 12V	8
Ground	4

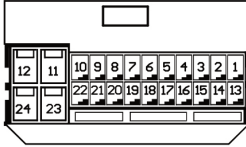
Car Specific Wiring Information

Kia Continued...

Kia White Connector



A



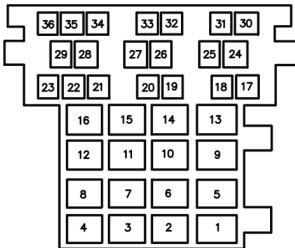
B

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



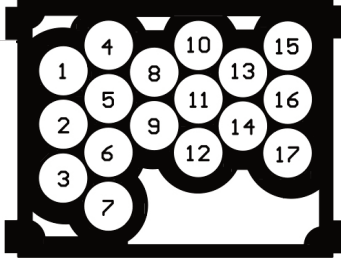
Delta 09>	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Car Specific Wiring Information

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

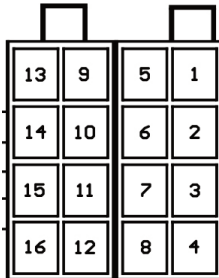


17 Way BMW Connector



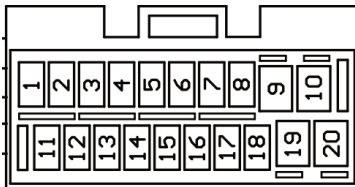
Land Rover Discovery/ Freelander with 17 way BMW Connector	
Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	10
Batt 12V	11
Ground	10

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

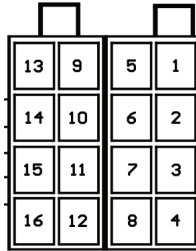
CAN-Bus Connector



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

Car Specific Wiring Information

Lifan OEM Connector

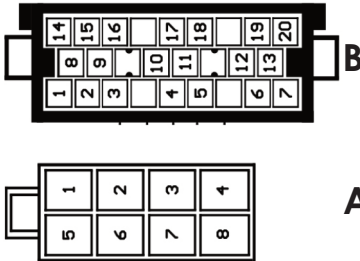


Lifan Motors 620/720	
Interface Wire	Pin Number
Analogue 1	5
Analogue 2	1
Analogue Ground	4
Batt 12V	8
Ground	4



Mahindra

Scorpio Connector

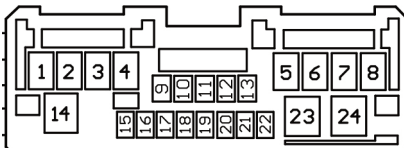


Scorpio	
Interface Wire	Pin Number
Analogue 1	A1
Analogue Ground	A6
Batt 12V	A8
Ground	A4



mazda

2 2007>



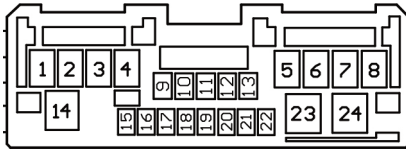
2 2007>	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

Car Specific Wiring Information

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

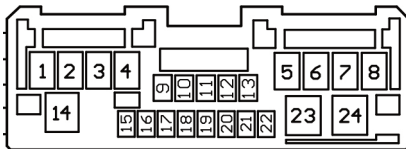
Mazda Continued...

6 2007-2009



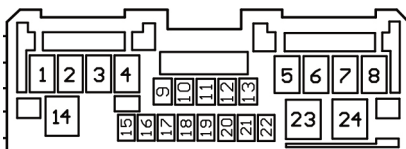
6 2007-2009	
Interface Wire	Pin Number
CAN High	20
CAN Low	21
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

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



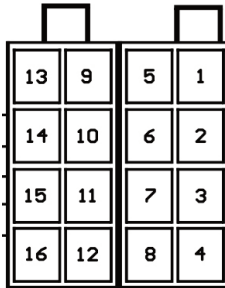
CX-7, CX-9	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

Car Specific Wiring Information



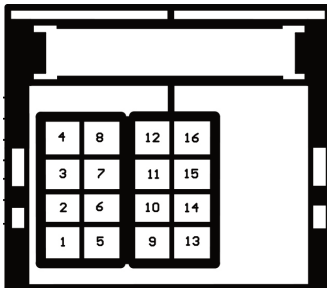
Mercedes-Benz

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

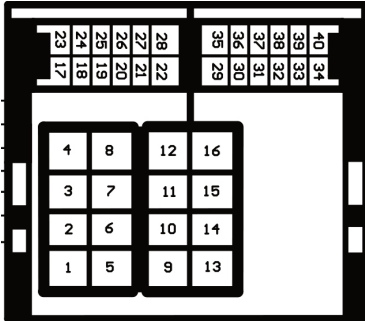
Vito (W447 with Audio 15)	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	15
Ground	12

Car Specific Wiring Information

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

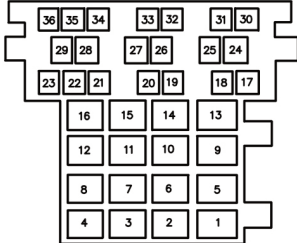
Mercedes Continued...

E Class/SLK
Quadlock



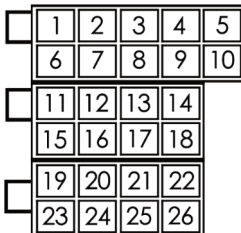
E Class/SLK Quadlock	
Interface Wire	Pin Number
CAN High	17
CAN Low	18
Batt 12V	16
Ground	15

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

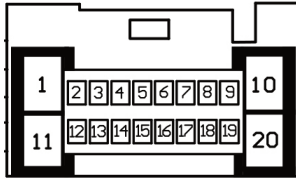


10 Way ISO CAN-Bus	
Interface Wire	Pin Number
CAN High	1
CAN Low	6
Batt 12V	24
Ground	26

Car Specific Wiring Information

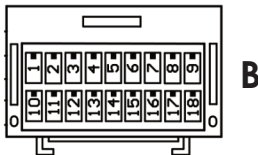
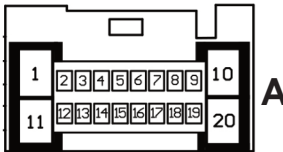


Outlander 2013>



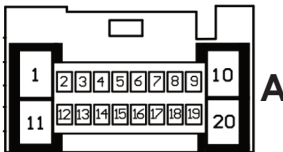
Outlander 2013>	
Interface Wire	Pin Number
CAN High	8
CAN Low	18
Analogue 1	9
Analogue Ground	11
Batt 12V	1
Ground	11

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



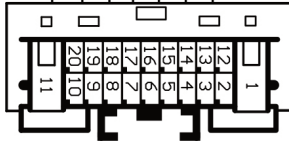
Lancer, Outlander 2007-2010	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	To vehicle chassis
Batt 12V	A1
Ground	To vehicle Chassis

Car Specific Wiring Information

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

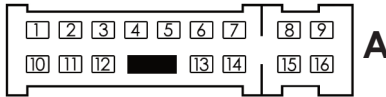


All Models

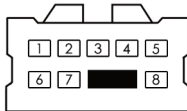


All Models	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

8 & 16 Way Connector



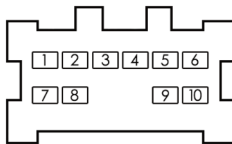
A



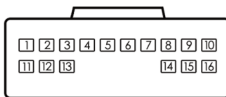
B

Almera/Primera/Terrano X-Trail	
Interface Wire	Pin Number
Analogue 1	B4
Analogue 2	B5
Analogue Ground	B3
Batt 12V	A8
Ground	A9

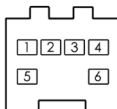
6 & 10 Way Connector



A



B



C

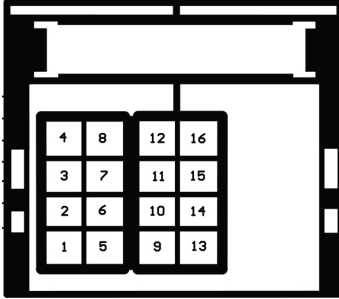
350Z 03>, Navara 06>, X-Trail 01>	
Interface Wire	Pin Number
Analogue 1	B13
Analogue 2	B3
Analogue Ground	B5
Batt 12V	A4
Ground	To vehicle chassis

Car Specific Wiring Information



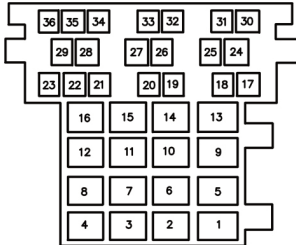
PEUGEOT

Quadlock CAN-Bus Vehicles



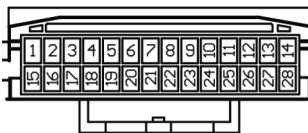
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

Mini-ISO Analogue Vehicles

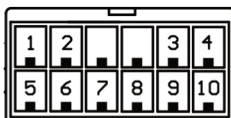


206/306 98-02, 806 96-02	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

108 OEM Connector



A



B

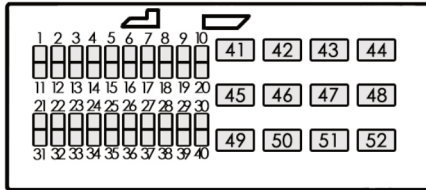
108	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7

Car Specific Wiring Information

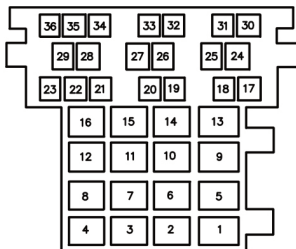
All connectors are shown from the terminal side and NOT the wire side

Peugeot Continued...

Boxer OEM Connector



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

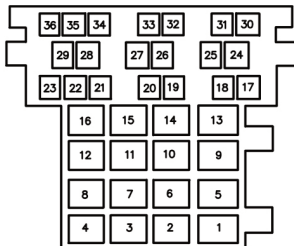


Boxer 06-08/08-14	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4



PORSCHE

Cayenne Mini ISO

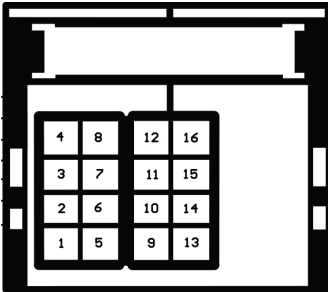


Cayenne 2002-2007 Mini-ISO	
Interface Wire	Pin Number
CAN High	30
CAN Low	17
Batt 12V	2
Ground	4

Car Specific Wiring Information

Porsche Continued...

Cayenne Quadlock



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



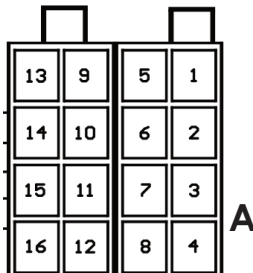
GEN-2 Mini ISO



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



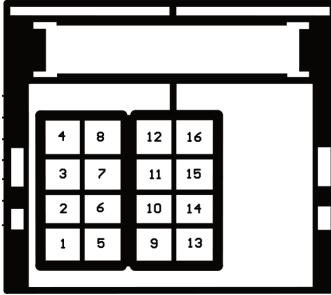
Mini-ISO with 'Update List' OEM head unit	
Interface Wire	Pin Number
CAN High	B6
CAN Low	B2
Batt 12V	A2
Ground	A4

Car Specific Wiring Information

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

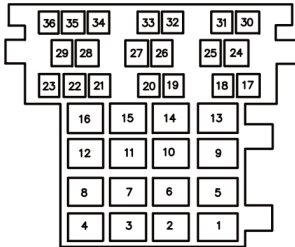
Renault Continued...

CAN-Bus Quadlock



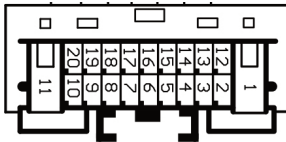
Renault CAN-Bus 2009> with Quadlock Connector	
Interface Wire	Pin Number
CAN High	13
CAN Low	9
Batt 12V	15
Ground	12

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

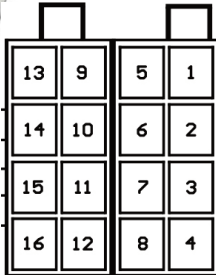


Scala	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

Car Specific Wiring Information

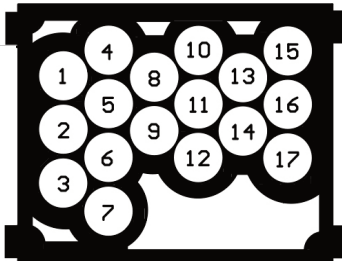


Rover 75 with Highline OEM head unit



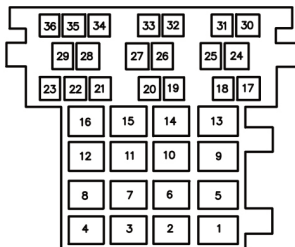
Rover 75 with Highline	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	To vehicle chassis
Batt 12V	2
Ground	4

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



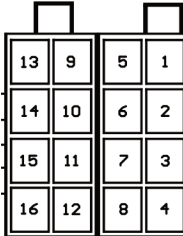
25/45/75 Mini ISO	
Interface Wire	Pin Number
Analogue 2	20
Analogue Ground	27
Batt 12V	8
Ground	4

Car Specific Wiring Information

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



Saab 9.3/9.5 1998-2005



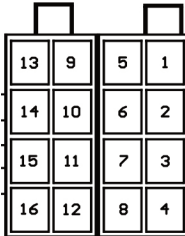
Saab 9.3/9.5 98-05	
Interface Wire	Pin Number
Analogue 2	See
diagram*	
Can Bus	8

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



SCANIA

Scania R Series 8 Way ISO

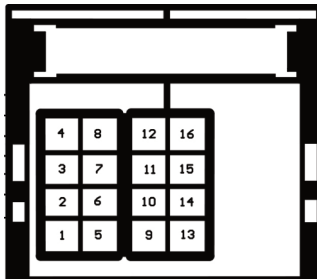


Scania R Series	
Interface Wire	Pin Number
CAN High	5
CAN Low	1
Batt 12V	2
Ground	4

ŠKODA



Skoda CAN-Bus Quadlock



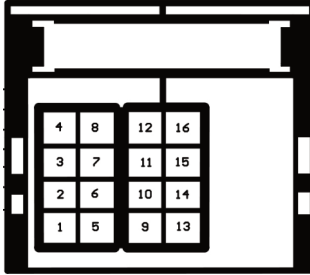
Skoda CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

Car Specific Wiring Information



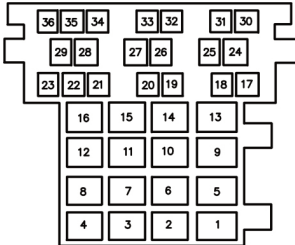
SEAT

Seat CAN-Bus Quadlock



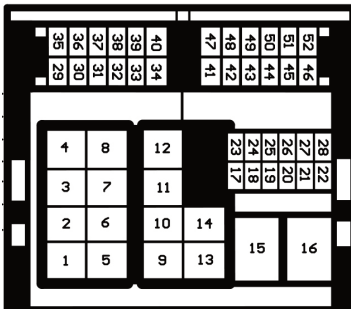
Seat CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

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



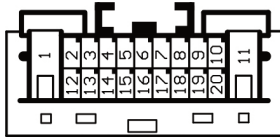
Seat Alhambra (MIB-PQ)	
Interface Wire	Pin Number
CAN High	22
CAN Low	28
Batt 12V	16
Ground	15

Car Specific Wiring Information

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



SUBARU.

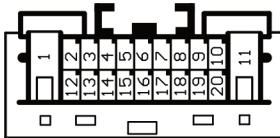


Forester/Impreza 2007-2012

Forester/Impreza 2007-2012

Interface Wire	Pin Number
Analogue 1	17
Analogue Ground	7
Batt 12V	1
Ground	11

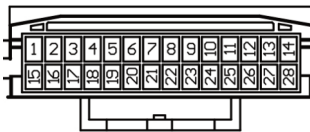
Impreza, Forester, Outback, XV 2012>



Impreza, Forester, Outback,

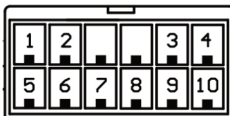
XV 2012>

Interface Wire	Pin Number
Analogue 1	17
Analogue 2	8
Analogue Ground	7
Batt 12V	1
Ground	11

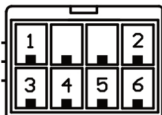


Impreza, Forester,
XV 2015>

A



B



C

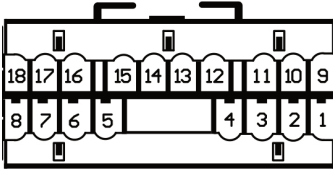
Impreza, Forester, XV 2015>

Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	A22
Analogue Ground	B4
Batt 12V	B4
Ground	B7

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



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

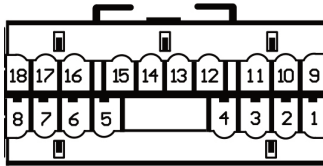
Tivoli SE	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	A18
Batt 12V	B12
Ground	B24

Car Specific Wiring Information

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

Ssangyong Continued...

All other Ssangyong models

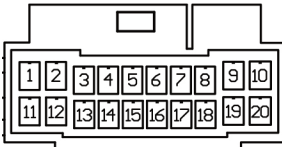


All other Ssangyong models	
Interface Wire	Pin Number
Analogue 2	16
Analogue Ground	13
Batt 12V	5
Ground	14



SUZUKI

All Suzuki models

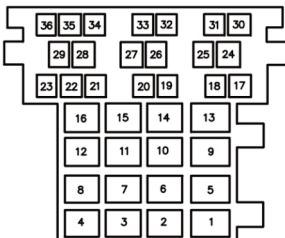


Suzuki all models	
Interface Wire	Pin Number
Analogue 1	19
Analogue 2	8
Analogue Ground	20
Batt 12V	1
Ground	11



TATA

All Tata models



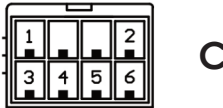
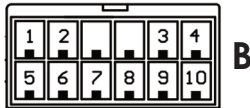
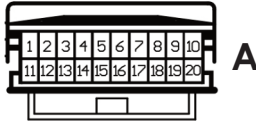
Tata Vista, Manza, Indigo	
Interface Wire	Pin Number
Analogue 2	20
Analogue Ground	27
Batt 12V	2
Ground	4

Car Specific Wiring Information



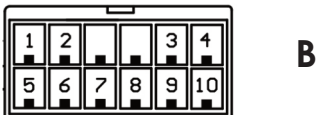
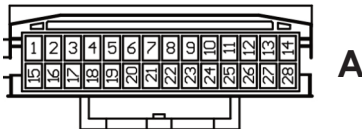
TOYOTA

Toyota <2011



Toyota <2011	
Interface Wire	Pin Number
Analogue 1	A8
Analogue 2	A7
Analogue Ground	A6
Batt 12V	B4
Ground	B7

Toyota 2011>



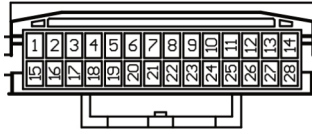
Toyota 2011>	
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	A22
Analogue Ground	B4
Batt 12V	B4
Ground	B7

Car Specific Wiring Information

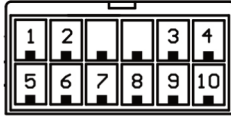
All connectors are shown from the terminal side and NOT the wire side

Toyota Continued...

Toyota Aygo 2014>



A



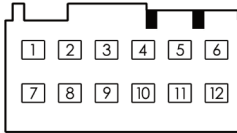
B

Aygo 2014>	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7



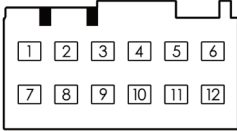
All Volvo models

Green



A

Grey

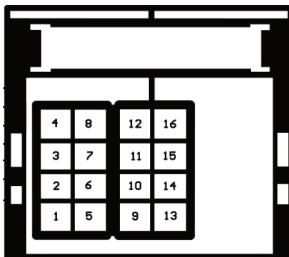


B

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



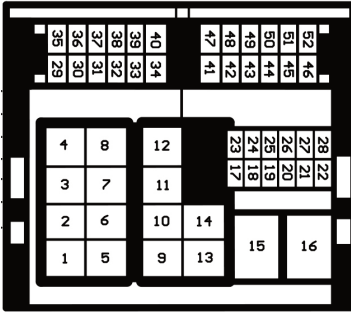
VW CAN-Bus All Models
40 Way Quadlock



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

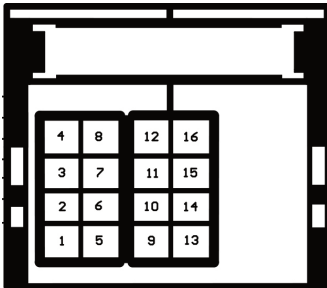
Car Specific Wiring Information

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

Car Specific Wiring Information

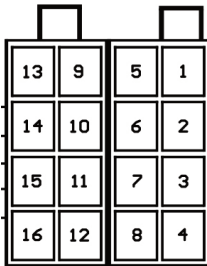
All connectors are shown from the terminal side and NOT the wire side



VAUXHALL

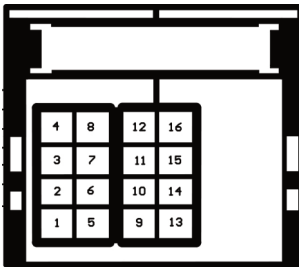


Vauxhall/Opel Analogue



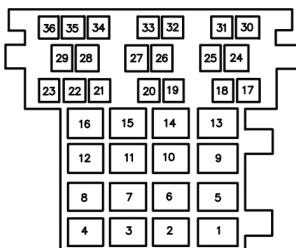
Vauxhall/Opel Analogue	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	7
Batt 12V	8
Ground	4

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