

ControlPRO™

Steering Wheel Control Interface



INSTALLATION GUIDE



STEERING WHEEL
CONTROLS



SOFTWARE
UPDATEABLE



DIPSWITCH
CONFIGURABLE

CP2-UNI.2 UNIVERSAL INTERFACE

- ▶ Retain your steering wheel controls when upgrading to an aftermarket radio
- ▶ For vehicles with CAN-bus, GMLAN, LIN-bus, I-Bus or Analog SWC
- ▶ Provides outputs for Speed Pulse, Park Brake, Reverse Gear, Illumination and Ignition if supported by the vehicle

PRIOR TO INSTALLATION

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure that the correct tools are used during the installation to avoid damage to the vehicle or product. We can not be held responsible for the installation of this product.

DISCLAIMER

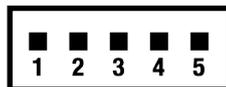
The information provided in this document is subject to change without notice due to manufacturer changes and/or improvements to the product/s. This instruction manual is based on documented data and research. The manufacturer of this product cannot be held responsible for any changes made to the vehicle by the manufacturer or damages that may occur through the installation of this product in accordance with the steps outlined herein.

FEATURES

- Retain steering wheel control functionality when upgrading to an aftermarket stereo
- Works with a wide variety of CAN-Bus and Analogue vehicle applications
- Provides output feeds for parking brake trigger, VSS speed pulse, illumination, reverse gear and 12V ignition (dependent on vehicle model)

WIRING DIAGRAM/KEY

Vehicle Output Harness*

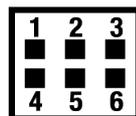


Green	Parking brake trigger
Pink	VSS speed pulse
Orange	Illumination
Purple (White Stripe)	Reverse gear
**Red (White Stripe)	Ignition 12V

*Note: Not all output feeds will be provided. This will vary dependent on vehicle model.

**Note: The Ignition 12V output can be found on the Power/Data harness

Head Unit Connection Harness

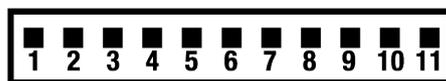


3.5mm Jack - To aftermarket stereo 3.5mm input

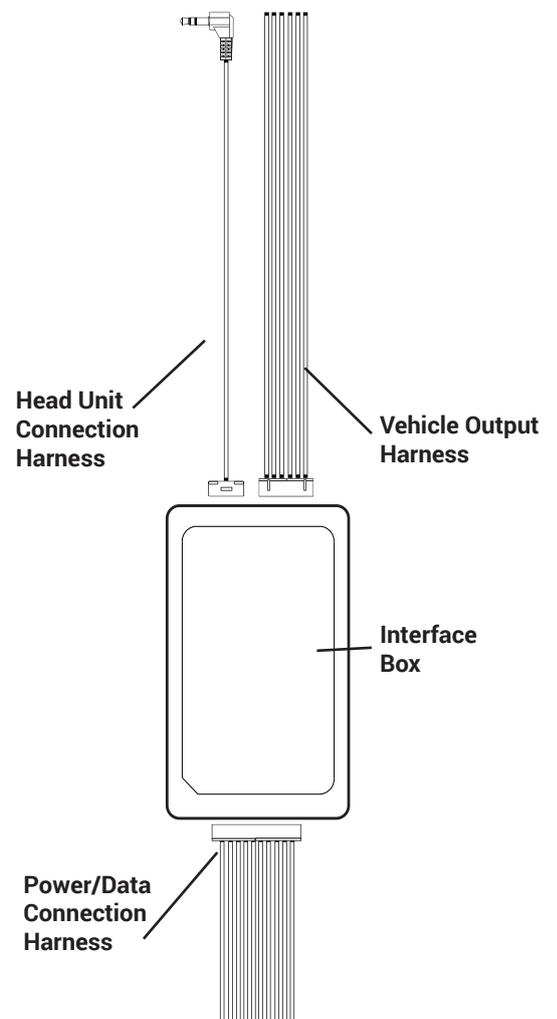
or

Blue (Green Stripe) - To aftermarket stereo SWC Wire

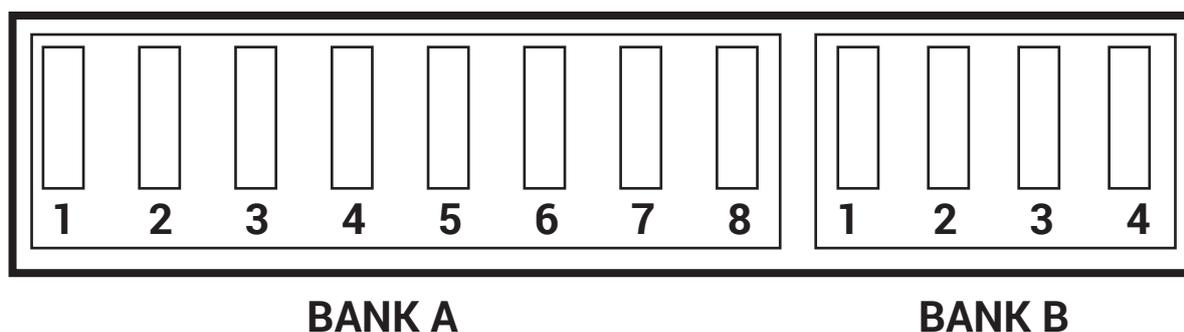
Power/Data Connection Harness



Purple	Analogue 2
Red	12V Ignition Input
Black	Ground
Red (White Stripe)	12V Ignition Output
White	Analogue 1
Yellow	12V Permanent
Pink (Black Stripe)	CAN -
Pink	CAN +



SETTING THE DIPSWITCHES



Note: the interface DIP switches must be set before power is connected to the interface. If any changes are made to the DIP switches of the interface, ensure that power to the interface is switched off.

The interface has 12 unique DIP switches which must be set before the interface is powered on. These appear in two banks on the side of the interface box. To set them correctly, first configure Switch 8 in **Bank A** and Switches 1-4 in **Bank B** to match the appropriate head unit being used. Then configure Switches 1 - 7 in **Bank A** as specified by the vehicle model tables (see pages 4 to 9).

Note: A DIP switch is 'OFF' when the switch is up, and 'ON' when the switch is down.

AFTERMARKET STEREO (SET BANK A 8 and BANK B 1 - 4)

Stereo Brand	DIP8 (Bank A)	DIP1 (Bank B)	DIP2 (Bank B)	DIP3 (Bank B)	DIP4 (Bank B)
JVC	ON	ON	OFF	OFF	OFF
Phillips	ON	OFF	ON	OFF	OFF
Clarion	ON	ON	ON	OFF	OFF
Kenwood	ON	OFF	OFF	ON	OFF
Alpine	ON	ON	OFF	ON	OFF
Panasonic	ON	OFF	ON	ON	OFF
Sony	OFF	ON	ON	ON	OFF
Pioneer	ON	ON	ON	ON	OFF
Stinger	ON	ON	ON	OFF	OFF
Zenec	ON	OFF	OFF	OFF	ON

INSTALLATION

1. Remove and disconnect the original vehicle head unit
2. Ensure that the 12 DIP switches on the interface box are set according to the vehicle make/model and aftermarket head unit brand.
3. Connect the patch lead to the interface and to the aftermarket steering wheel control input
4. Install the interface into the vehicle using Interface Connections (Fig. 1) and the car-specific wiring in this manual

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

SPECIFIC PLUG & PLAY HARNESSSES

For a quicker and easier installation method, you can pair the CP2-UNI.2 with one of our vehicle specific harnesses. These leads have been tailored to match the exact pin locations of a selection of vehicles. These vehicle harnesses work with both CAN & Analogue vehicles as well as a selection of MOST amplified vehicles.



APPLICATION & UPDATES

For the latest application and product information please visit autoleadscp2.com

Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs		
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake
Alfa Romeo	147	2000	2007	N	Analogue	HARCP2.2-FA1				ON	ON	ON	ON	ON	ON			
	147	2007	2010	N	CAN					ON	ON	ON	ON	ON	ON	YES	YES	YES
	156	2000	2007	N	Analogue	HARCP2.2-FA1				ON	ON	ON	ON	ON	ON			
	156	2004	2006	Y	CAN					ON	ON	ON	ON	ON	ON	YES	YES	YES
	159	2005	2011	Y	CAN	HARCP2.2-AR1				ON	ON	ON	ON	ON	ON	YES	YES	YES
	4C/Mito/Giulietta	2013		Y	CAN-Open Dash					ON	ON	ON	ON	ON	ON	YES	YES	YES
	4C/Mito/Giulietta	2013		Y	CAN TYPE1					ON	ON	ON	ON	ON	ON	YES	YES	YES
	4C/Mito/Giulietta	2013		Y	CAN TYPE2					ON	ON	ON	ON	ON	ON	YES	YES	YES
	4C/Mito/Giulietta	2013		Y	CAN TYPE3					ON	ON	ON	ON	ON	ON	YES	YES	YES
	Brera	2005	2010	Y	CAN	HARCP2.2-AR1				ON	ON	ON	ON	ON	ON	YES	YES	YES
	Giulietta	2010	2014	Y	CAN					ON	ON	ON	ON	ON	ON	YES	YES	YES
GT	2004	2008	N	Analogue	HARCP2.2-FA1				ON	ON	ON	ON	ON	ON				
GT	2008	2010	N	CAN					ON	ON	ON	ON	ON	ON	YES	YES	YES	
MiTo	2008	2014	Y	CAN					ON	ON	ON	ON	ON	ON	YES	YES	YES	
Audi	A1	2010	2014	Y	CAN	HARCP2-VAG52				ON	ON	ON	ON	ON	ON	YES	YES	YES
	A3	2003	2005	Y	CAN	HARCP2.2-AU3				ON	ON	ON	ON	ON	ON	YES	YES	YES
	A3	2003	2013	Y	CAN	HARCP2.2-AU1				ON	ON	ON	ON	ON	ON	YES	YES	YES
	A4	2001	2008	Y	CAN	HARCP2.2-AU3				ON	ON	ON	ON	ON	ON	YES	YES	YES
	A4	2001	2008	Y	CAN	HARCP2.2-AU1				ON	ON	ON	ON	ON	ON	YES	YES	YES
	A6	2004	2011	Y	CAN	HARCP2.2-AU1				ON	ON	ON	ON	ON	ON	YES	YES	YES
	R8	2008	2010	Y	CAN	HARCP2-VAG52				ON	ON	ON	ON	ON	ON	YES	YES	YES
	S4	2004	2009	Y	CAN	HARCP2-VAG52				ON	ON	ON	ON	ON	ON	YES	YES	YES
	TT	2003	2006	Y	CAN	HARCP2.2-AU3				ON	ON	ON	ON	ON	ON	YES	YES	YES
	TT	2006	2014	Y	CAN	HARCP2.2-AU1				ON	ON	ON	ON	ON	ON	YES	YES	YES
BMW	1 Series	2004	2013	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	1 Series	2004	2013	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	1 Series	2004	2013	Y	CAN	HARCP2.2-BM3		YES		ON	ON	ON	ON	ON	ON	YES	YES	YES
	3 Series	1998	2001	Y	iBUS					ON	ON	ON	ON	ON	ON			
	3 Series	2001	2005	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON			
	3 Series	2005	2014	Y	CAN	HARCP2.2-BM3		YES		ON	ON	ON	ON	ON	ON	YES	YES	YES
	3 Series	2005	2014	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	3 Series	2005	2014	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	5 Series	1998	2000	Y	iBUS					ON	ON	ON	ON	ON	ON			
	5 Series	2000	2004	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON			
	5 Series	2004	2010	Y	CAN	HARCP2.2-BM3		YES		ON	ON	ON	ON	ON	ON	YES	YES	YES
	5 Series	2004	2010	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	5 Series	2004	2010	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	6 Series	2003	2010	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	6 Series	2004	2010	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	7 Series	1994	2001	Y	iBUS					ON	ON	ON	ON	ON	ON			
	7 Series	2001	2003	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON			
	7 Series	2003	2008	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	7 Series	2003	2008	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	Mini	2001	2006	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON			
	Mini	2006	2014	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
	Mini	2006	2014	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES
	X1	2009	2015	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES
X1	2009	2015	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES	
X3	2004	2010	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON				
X5	1999	2001	Y	iBUS					ON	ON	ON	ON	ON	ON				
X5	2000	2006	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON				
X5	2007	2014	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES	
X5	2007	2014	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES	
X6	2008	2014	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES	
X6	2008	2014	Y	CAN	HARCP2.2-BM3		YES		ON	ON	ON	ON	ON	ON	YES	YES	YES	
Z4	2002	2008	Y	iBUS	HARCP2-BM32				ON	ON	ON	ON	ON	ON				
Z4	2009	2016	Y	CAN	HARCP2.2-BM1	YES			ON	ON	ON	ON	ON	ON	YES	YES	YES	
Z4	2009	2016	Y	CAN	HARCP2.2-BM2				ON	ON	ON	ON	ON	ON	YES	YES	YES	
Chery	Tiggo	2013		N	Analogue					ON	ON	ON	ON	ON				
Chrysler	Delta	2011	2014	Y	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
Citroen	Berlingo	2008	2018	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C1	2014		Y	Analogue					ON	ON	ON	ON	ON				
	C2	2004	2009	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C3	2006	2016	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C3 Picasso	2009	2017	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C4	2004	2010	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
	C4 Aircross	2014		Y	Analogue					ON	ON	ON	ON	ON				
	C4 Picasso	2006	2018	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C5	2005	2008	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C6	2006	2014	Y	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	C8	2005	2014	Y	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	Dispatch	2007	2016	N	Analogue					ON	ON	ON	ON	ON				
	DS3	2009	2016	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES	
	Evasion	1996	2002	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
	Jumper	2006	2008	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
	Jumper	2008	2013	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
	Jumper	2014		Y	CAN					ON	ON	ON	ON	ON	YES	YES	YES	
Jumpy	2007	2017	N	CAN	HARCP2-PSA52				ON	ON	ON	ON	ON	YES	YES	YES		
Nemo	2007		Y	CAN					ON	ON	ON	ON	ON	YES	YES	YES		
Relay	2006	2008	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES		
Relay	2006	2014	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES		
Synergie	1996	2002	N	CAN					ON	ON	ON	ON	ON	YES	YES	YES		
Chevrolet	Astra	1998	2011	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON				
	Aveo	2002	2011	Y	Analogue					ON	ON	ON	ON	ON				
	Captiva	2006	2011	Y	Analogue					ON	ON	ON	ON	ON				
	Celta	2002	2010	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON				
	Colorado	2012	2014	Y	Analogue					ON	ON	ON	ON	ON				
	Corsa Classic	2002	2010	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON				
	S10	2012		Y	Analogue					ON	ON	ON	ON	ON				
	Sonic	2013		Y	Analogue					ON	ON	ON	ON	ON				
	Spark	2010	2015	Y	Analogue					ON	ON	ON	ON	ON				
	Tracker		2009	N	Analogue					ON	ON	ON	ON	ON				
	Urban	1998	2011	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON				
	Vectra	2005	2011	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON				
Viva	1998	2011	N	Analogue	HARCP2.2-VX1				ON	ON	ON	ON	ON					

Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs					
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake			
Daewoo	Winstorm	2008	2011	Y	Analogue						ON	ON	ON	ON	ON	ON					
DAF	CF (TYPE 1)	2017		N	CAN						ON	ON	ON	ON	ON		YES	YES	YES		
	CF (TYPE 2)	2017		N	CAN						ON	ON	ON	ON	ON		YES	YES	YES		
	XF (TYPE 1)	2017		N	CAN						ON	ON	ON	ON	ON		YES	YES	YES		
	XF (TYPE 2)	2017		N	CAN						ON	ON	ON	ON	ON		YES	YES	YES		
Dodge	RAM ProMaster	2014		Y	CAN											ON	YES	YES	YES		
Fiat	500	2007	2014	Y	CAN						ON	ON	ON	ON	ON	ON	YES	YES	YES		
	500L	2012		Y	CAN- Open Dash						ON	ON	ON	ON	ON	ON	YES	YES	YES		
	500L	2012		Y	CAN-TYPE1						ON	ON	ON	ON	ON	ON	YES	YES	YES		
	500L	2012		Y	CAN TYPE2						ON	ON	ON	ON	ON	ON	YES	YES	YES		
	500L	2012		Y	CAN TYPE3						ON	ON	ON	ON	ON	ON	YES	YES	YES		
	Bravo	2007	2014	Y	CAN							ON	ON	ON	ON	ON	YES	YES	YES		
	Doblo	2009	2015	Y	CAN							ON	ON	ON	ON	ON	YES	YES	YES		
	Ducato	2011	2014	Y	CAN							ON	ON	ON	ON	ON	YES	YES	YES		
	Ducato	2006	2008	N	CAN											ON	YES	YES	YES		
	Ducato	2012	2014	N	CAN											ON					
	Ducato	2014	2014	Y	CAN											ON					
	Ducato	2015	2021	N	Analogue	HARCP2.2-FA1						ON				ON					
	Ducato	2015		Y	CAN-Open Dash							ON	ON	ON	ON	ON		YES	YES	YES	
	Ducato	2015		Y	CAN-TYPE1							ON	ON	ON	ON	ON		YES	YES	YES	
	Ducato	2015		Y	CAN TYPE2							ON	ON	ON	ON	ON		YES	YES	YES	
	Ducato	2015		Y	CAN TYPE3							ON	ON	ON	ON	ON		YES	YES	YES	
	Fiorino	2007		Y	CAN							ON	ON	ON	ON	ON					
	Grande Punto	2007	2011	Y	CAN							ON	ON	ON	ON	ON					
	Idea	2006	2012	Y	CAN							ON	ON	ON	ON	ON					
	Multipla	2004		N	Analogue							ON				ON					
	Panda	2004	2007	N	Analogue							ON				ON					
	Panda	2007	2012	N	CAN							ON	ON			ON					
	Punto	2005		Y	CAN							ON	ON	ON	ON	ON		YES	YES	YES	
	Qubo	2007		Y	CAN							ON	ON	ON	ON	ON					
	Ritmo	2007	2014	Y	CAN							ON	ON			ON					
	Sedici	2006	2014	N	Analogue												ON				
	Stilo	2004	2008	Y	CAN	HARCP2.2-AR1						ON	ON		ON	ON		YES	YES	YES	
	Ford	B-Max	2012		N	CAN/Analogue							ON			ON		YES	YES	YES	
C-Max		2004	2010	N	Analogue	HARCP2-FD22						ON			ON	ON					
C-Max		2003	2010	N	CAN/Analogue	HARCP2-FD52						ON		ON	ON	ON		YES	YES	YES	
C-Max		2010		N	CAN/Analogue								ON			ON		YES	YES	YES	
Ecosport		2013		N	CAN/Analogue								ON			ON		YES	YES	YES	
Escape		2013		N	CAN/Analogue								ON			ON		YES	YES	YES	
Everest		2015		N	CAN/Analogue								ON			ON		YES	YES	YES	
F150		2004	2008	N	Analogue								ON			ON	ON				
Falcon AU Series 2&3		2000	2002	N	Analogue												ON				
Fiesta		2006	2008	N	Analogue	HARCP2-FD22							ON			ON					
Fiesta		2006	2008	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Fiesta		2012		N	CAN/Analogue									ON		ON		YES	YES	YES	
Fiesta		2013		N	Analogue									ON		ON					
Focus		1998	2004	N	Analogue	HARCP2-FD22							ON			ON	ON				
Focus		2004	2011	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Focus		2011		N	CAN/Analogue									ON		ON	ON		YES	YES	YES
Fusion		2005	2012	N	Analogue	HARCP2-FD22								ON		ON	ON				
Fusion		2005	2012	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Galaxy		2000	2006	N	Analogue									ON		ON	ON				
Galaxy		2006	2015	N	Analogue	HARCP2-FD22								ON		ON	ON				
Galaxy		2006	2015	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Kuga		2008	2012	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Kuga		2013		N	CAN/Analogue									ON		ON		YES	YES	YES	
Mondeo		1998	2004	N	Analogue	HARCP2-FD22								ON		ON	ON				
Mondeo		2004	2014	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Puma		1997	2002	N	Analogue									ON			ON				
Ranger		2012		N	CAN/Analogue									ON		ON		YES	YES	YES	
Ranger		2013		N	CAN/Analogue								ON	ON		ON		YES	YES	YES	
Ranger		2015		N	CAN								ON			ON		YES	YES	YES	
S-Max		2006	2014	N	Analogue	HARCP2-FD22								ON		ON	ON				
S-Max		2006	2014	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES
Taurus		2008	2012	N	CAN/Analogue									ON		ON		YES	YES	YES	
Transit	2004	2008	N	Analogue	HARCP2-FD22										ON	ON					
Transit	2006	2015	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES	
Transit	2015		N	CAN								ON			ON		YES	YES	YES		
Transit Custom	2012	2016	N	CAN/Analogue									ON		ON		YES	YES	YES		
Transit Custom	2015		N	CAN								ON			ON		YES	YES	YES		
Transit Connect	2004	2013	N	Analogue	HARCP2-FD22								ON		ON	ON					
Transit Connect	2004	2013	N	CAN/Analogue	HARCP2-FD52							ON		ON	ON	ON		YES	YES	YES	
Transit Connect	2013		N	CAN/Analogue									ON		ON		YES	YES	YES		
Great Wall	Steed	2011		N	Analogue							ON			ON	ON					
	Wingle	2011		N	Analogue							ON	ON		ON	ON					
	H6	2012		N	Analogue							ON				ON					
Holden	Barina	2000	2005	N	Analogue								ON	ON	ON	ON					
	Captiva	2008	2014	Y	Analogue								ON	ON	ON	ON					
	Commodore VT-VX	1997	2002	N	Analogue							ON	ON	ON	ON						
	Commodore VY-VZ	2002	2007	N	Analogue								ON	ON	ON	ON					
Harley Davidson	Street Glide	2015		N	CAN							ON	ON		ON	ON					
Honda	Amaze	2012		N	Analogue							ON	ON		ON	ON					
	City	2008	2013	N	Analogue							ON	ON	ON	ON	ON					
	City	2014		Y	Analogue							ON	ON		ON	ON					
	Civic	2001	2012	N	Analogue	HARCP2-HD23						ON	ON		ON	ON					
	Civic	2012		Y	CAN							ON	ON		ON		ON	YES	YES	YES	
	CR-V	2005	2007	N	Analogue	HARCP2-HD23						ON	ON		ON	ON					
	CR-V	2007	2009	N	Analogue							ON	ON		ON	ON					
	CR-V	2012		Y	CAN							ON	ON		ON		ON	YES	YES	YES	
	Fit	2014		Y	Analogue							ON	ON		ON	ON					
	HR-V	2014																			

Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs				
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake		
Hyundai	Accent	2011	2019	Y	Analogue								ON	ON						
	Azera	2011		Y	Analogue								ON	ON						
	Elantra	2011	2018	Y	Analogue								ON	ON						
	i10	2009		Y	Analogue								ON	ON						
	i20	2009		Y	Analogue								ON	ON						
	i30	2007	2016	Y	Analogue								ON	ON						
	i40	2011	2018	Y	Analogue								ON	ON						
	i45	2009	2012	Y	Analogue								ON	ON						
	i800	2007		Y	Analogue								ON	ON						
	ix20	2010		Y	Analogue								ON	ON						
	ix35	2010	2015	Y	Analogue								ON	ON						
	ix45	2013		Y	Analogue								ON	ON						
	iLoad	2008	2018	Y	Analogue								ON	ON						
	Santa Fe	2006	2018	Y	Analogue								ON	ON						
	Sonata	2008	2010	Y	Analogue								ON	ON						
Tucson	2010	2018	Y	Analogue								ON	ON							
Veloster	2012	2017	Y	Analogue								ON	ON							
Isuzu	D-Max	2012		Y	Analogue					ON	ON			ON	ON					
	MU-X	2014		Y	Analogue					ON	ON			ON	ON					
Iveco	Daily	2014		Y	CAN						ON	ON	ON	ON		YES	YES	YES		
	Daily	2019		Y	LIN BUS						ON	ON								
JAC Motors	J3	2013		N	Analogue						ON	ON	ON							
Jaguar	XJ8	1998	2003	Y	Analogue								ON	ON						
	S Type	1999	2002	N	Analogue								ON	ON						
	X Type	2001	2009	Y	Analogue						ON				ON	ON				
Kia	Carnival	2015		N	CAN						ON	ON	ON	ON	ON	ON	YES	YES	YES	
	Cee'd	2007	2015	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Cee'd	2007	2015	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Cee'd	2007	2015	Y	Analogue										ON	ON				
	Cerato	2013	2018	Y	Analogue										ON	ON				
	Optima	2010	2015	Y	Analogue										ON	ON				
	Picanto	2011		Y	Analogue						ON	ON	ON	ON	ON	ON				
	Pro Cee'd	2010	2015	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Rio	2011		Y	Analogue						ON	ON	ON	ON	ON	ON				
	Rondo	2013	2018	Y	Analogue										ON	ON				
	Sorento	2009	2015	Y	Analogue							ON	ON	ON	ON	ON				
	Sorento	2015	2020	N	CAN							ON	ON	ON	ON	ON	YES	YES	YES	
	Soul	2009	2012	Y	Analogue							ON	ON	ON	ON	ON				
	Soul	2012	2018	Y	Analogue							ON	ON	ON	ON	ON				
	Sportage	2010	2018	Y	Analogue							ON	ON	ON	ON	ON				
Venga	2009	2019	Y	Analogue							ON	ON	ON	ON	ON					
Lancia	Delta	2009		Y	CAN							ON	ON	ON	ON					
Land Rover	Discovery	2001	2004	N	Analogue										ON	ON				
	Discovery	2004	2009	Y	CAN	HARCP2.2-LR1								ON	ON	ON	YES	YES	YES	
	Freelander	2001	2003	N	Analogue										ON	ON				
	Freelander	2006	2014	Y	CAN	HARCP2.2-LR2	YES	YES						ON	ON	ON	YES	YES	YES	
	Range Rover Sport	2005	2009	Y	CAN	HARCP2.2-LR1								ON	ON	ON	YES	YES	YES	
Lexus	Lexus GS Series	2003	2009	Y	Analogue							ON	ON	ON	ON	ON				
Lifan Motors	620	2009		N	Analogue							ON	ON	ON	ON	ON				
	720	2012		N	Analogue							ON	ON	ON	ON	ON				
Mahindra	Scorpio	2006		Y	Analogue							ON	ON	ON	ON					
Mazda	2	2003	2014	N	Analogue	HARCP2-MZ23							ON	ON	ON	ON				
	3	2004	2015	N	CAN/Analogue	HARCP2-MZ23							ON		ON	ON	ON	YES	YES	YES
	5	2005	2015	N	CAN/Analogue	HARCP2-MZ23							ON			ON	ON	YES	YES	YES
	6	2007	2009	N	CAN/Analogue	HARCP2-MZ23							ON			ON	ON	YES	YES	YES
	323	1998	2003	N	CAN/Analogue	HARCP2-MZ23							ON	ON	ON	ON	ON	YES	YES	YES
	626	2001	2002	N	CAN/Analogue	HARCP2-MZ23							ON			ON	ON	YES	YES	YES
	CX-7	2008	2012	N	CAN/Analogue	HARCP2-MZ23							ON			ON	ON	YES	YES	YES
	CX-9	2007	2015	N	CAN/Analogue	HARCP2-MZ23							ON			ON	ON	YES	YES	YES
	Demio	1998	2003	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	MPV	1997	2005	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	MX-5	2001	2014	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	Premacy	1999	2004	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	RX-8	2003	2014	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	Tribute	2001	2004	N	Analogue	HARCP2-MZ23							ON	ON		ON	ON			
	Mercedes	A-Class	2004	2012	Y	CAN	HARCP2.2-MC4					ON	ON	ON	ON	ON	ON	YES	YES	YES
A-Class		2004	2012	Y	CAN	HARCP2.2-MC1						ON	ON	ON	ON	ON	ON	YES	YES	YES
A-Class		2004	2012	Y	CAN	HARCP2.2-MC6		YES				ON	ON	ON	ON	ON	ON	YES	YES	YES
B-Class		2005	2011	Y	CAN	HARCP2.2-MC4						ON	ON	ON	ON	ON	ON	YES	YES	YES
B-Class		2005	2011	Y	CAN	HARCP2.2-MC1						ON	ON	ON	ON	ON	ON	YES	YES	YES
B-Class		2005	2011	Y	CAN	HARCP2.2-MC6		YES				ON	ON	ON	ON	ON	ON	YES	YES	YES
C-Class		2000	2004	Y	CAN	HARCP2.2-MC4						ON	ON	ON	ON	ON	ON	YES	YES	YES
C-Class		2001	2004	N	CAN	HARCP2.2-MC2							ON		ON	ON		YES	YES	YES
C-Class		2004	2007	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
C-Class		2004	2007	Y	CAN	HARCP2.2-MC6		YES				ON	ON	ON	ON	ON	ON	YES	YES	YES
C-Class		2007	2015	Y	CAN	HARCP2.2-MC1								ON	ON	ON	ON	YES	YES	YES
CLK		2001	2005	N	CAN	HARCP2.2-MC2								ON	ON	ON	ON	YES	YES	YES
CLS		2005	2008	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
E-Class		2002	2009	Y	CAN	HARCP2.2-MC3							ON	ON	ON	ON	ON	YES	YES	YES
E-Class		2002	2009	Y	CAN	HARCP2.2-MC5 / HARCP2.2-MC6		YES				ON	ON	ON	ON	ON	ON	YES	YES	YES
E-Class		2009	2014	Y	CAN	HARCP2.2-MC1								ON	ON	ON	ON	YES	YES	YES
ML		2005	2011	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
ML		2005	2011	Y	CAN	HARCP2.2-MC6		YES					ON	ON	ON	ON	ON	YES	YES	YES
R-Class		2006	2013	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
R-Class		2006	2013	Y	CAN	HARCP2.2-MC6		YES					ON	ON	ON	ON	ON	YES	YES	YES
SLK		2004	2011	Y	CAN	HARCP2.2-MC3							ON	ON	ON	ON	ON	YES	YES	YES
SLK		2004	2011	Y	CAN	HARCP2.2-MC5		YES					ON	ON	ON	ON	ON	YES	YES	YES
SLK		2008	2011	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
SLK		2008	2011	Y	CAN	HARCP2.2-MC6		YES					ON	ON	ON	ON	ON	YES	YES	YES
Sprinter		2006	2018	Y	CAN	HARCP2.2-MC4							ON	ON	ON	ON	ON	YES	YES	YES
Sprinter		2006	2018	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
Sprinter		2018		Y	CAN	HARCP2.2-MC1							ON				ON	YES	YES	YES
Viano		2006	2015	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES
Vito		2006	2015	Y	CAN	HARCP2.2-MC4							ON	ON	ON	ON	ON	YES	YES	YES
Vito		2006	2015	Y	CAN	HARCP2.2-MC1							ON	ON	ON	ON	ON	YES	YES	YES

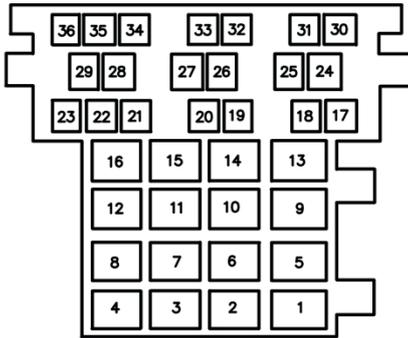
Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs				
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake		
Mercedes	Vito	2015		Y	CAN	HARCP2.2-MC1					ON	ON	ON	ON	ON	ON	YES	YES	YES	
	Vivano	2004	2015	Y	CAN	HARCP2.2-MC1				ON	ON	YES	YES	YES						
Mitsubishi	ASX	2010	2018	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Attrage	2015		Y	Analogue						ON	ON	ON	ON	ON	ON				
	Challenger	2009	2015	Y	Analogue							ON	ON	ON	ON	ON				
	Delica	2007	2010	Y	Analogue						ON	ON	ON	ON	ON	ON				
	L200	2015		Y	Analogue							ON	ON	ON	ON	ON				
	Lancer	2007	2018	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Lancer	2010	2018	Y	Analogue							ON	ON	ON	ON	ON				
	Mirage	2013	2019	Y	Analogue							ON	ON	ON	ON	ON				
	Outlander	2003	2018	Y	Analogue						ON	ON	ON	ON	ON	ON				
	Outlander	2003	2018	Y	Analogue							ON	ON	ON	ON	ON				
	Outlander	2013		Y	CAN/Analogue						ON	ON	ON	ON	ON	ON	YES	YES	YES	
	Pajero	2006	2019	Y	Analogue							ON	ON	ON	ON	ON				
	Pajero Sport	2016	2019	Y	Analogue							ON	ON	ON	ON	ON				
	RVR	2010		Y	Analogue							ON	ON	ON	ON	ON				
	Shogun	2013		Y	Analogue							ON	ON	ON	ON	ON				
Space Star	2015		Y	Analogue							ON	ON	ON	ON	ON					
Triton	2007		Y	Analogue							ON	ON	ON	ON	ON					
Nissan	350z	2003		N	Analogue						ON	ON	ON	ON	ON					
	Almera	2000	2006	N	Analogue						ON	ON	ON	ON	ON					
	Cube	2009	2019	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Evalia	2013	2017	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Frontier	2009	2017	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Juke	2010	2019	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Kicks	2016	2019	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	March	2007	2013	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Micra	2007	2013	Y	Analogue	HARCP2-NI23						ON	ON	ON	ON					
	Murano	2005	2008	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Navara	2005	2017	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Note	2006	2014	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	NV200	2013	2017	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Pathfinder	2010	2016	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Pulse	2011	2013	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Qashqai	2007	2013	Y	Analogue	HARCP2-NI23						ON	ON	ON	ON					
	Quest	2010	2017	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Sentra	2013	2016	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Sunny	2012		Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON					
	Terrano	2001	2006	N	Analogue						ON	ON	ON	ON	ON					
Tilda	2007	2014	Y	Analogue						ON	ON	ON	ON	ON						
Titan	2009	2014	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON						
Versa	2006	2011	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON						
Xterra	2005	2015	Y	Analogue	HARCP2-NI23					ON	ON	ON	ON	ON						
X-Trail	2009	2013	Y	Analogue	HARCP2-NI23						ON	ON	ON	ON						
X-Trail	2013		N	Analogue							ON	ON	ON	ON						
Peugeot	108	2014		Y	Analogue						ON	ON	ON	ON	ON					
	206	1998	2002	N	Analogue							ON	ON	ON	ON					
	207	2006	2012	N	CAN	HARCP2-PSA52					ON	ON	ON	ON	ON	YES	YES	YES		
	208	2012	2013	N	CAN	HARCP2-PSA52					ON	ON	ON	ON	ON	ON	YES	YES	YES	
	306	1998	2002	N	Analogue							ON	ON	ON	ON					
	307	2005	2008	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	308	2007	2013	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	3008	2009	2016	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	407	2004	2011	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	4007	2007		Y	Analogue						ON	ON	ON	ON	ON					
	4008	2010	2017	Y	Analogue							ON	ON	ON	ON					
	5008	2009	2013	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	607	2005	2012	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	806	1996	2002	N	Analogue							ON	ON	ON	ON					
	807	2005	2014	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	YES	YES	YES	
	Biipper	2008		Y	CAN							ON	ON	ON	ON	ON	ON	YES	YES	YES
	Boxer	2006	2008	N	CAN							ON	ON	ON	ON	ON	ON	YES	YES	YES
	Boxer	2008	2014	N	CAN							ON	ON	ON	ON	ON	ON	YES	YES	YES
Boxer	2014		Y	CAN						ON	YES	YES	YES							
Expert	2007	2016	Y	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	ON	YES	YES	YES	
Partner	2008	2013	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	ON	YES	YES	YES	
RCZ	2010	2013	N	CAN	HARCP2-PSA52						ON	ON	ON	ON	ON	ON	YES	YES	YES	
Porsche	Cayenne	2002	2007	N	CAN						ON	ON	ON	ON	ON	ON	YES	YES	YES	
	Cayenne	2002	2007	N	CAN	HARCP2.2-PO2		YES			ON	ON	ON	ON	ON	ON	ON	YES	YES	YES
	Cayenne	2007	2010	N	CAN						ON	ON	ON	ON	ON	ON	ON	YES	YES	YES
	Cayenne	2007	2010	N	CAN	HARCP2.2-PO3		YES			ON	ON	ON	ON	ON	ON	ON	YES	YES	YES
Proton	GEN-2	2004		N	Analogue	HARCP2.2-FA1				ON	ON	ON	ON	ON	ON					
Renault	Clio	2005	2009	N	CAN							ON	ON	ON	ON	ON	YES	YES	YES	
	Clio	2009	2013	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Fluence	2010	2013	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Laguna	2005	2007	N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
	Laguna	2008	2012	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Megane	2005	2008	N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
	Megane	2008	2012	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Modus	2005	2012	N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
	Scala	2011		N	Analogue						ON	ON	ON	ON	ON					
	Scenic	2005	2009	N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
	Scenic	2009	2014	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Trafic	2006		N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
	Trafic	2010	2013	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES
	Twingo	2007	2009	N	CAN								ON	ON	ON	ON	ON	YES	YES	YES
Twingo	2009	2014	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES	
Wind	2010	2013	Y	CAN	HARCP2.2-RN1							ON	ON	ON	ON	ON	YES	YES	YES	
Rover	25	2000	2005	N	Analogue								ON	ON						
	45	2000</																		

Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs				
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake		
SAAB	93	1998	2002	N	Analogue				ON	ON	ON	ON	ON							
	95	1998	2002	N	Analogue				ON	ON	ON	ON	ON							
Scania	R 480	2004	2015	N	CAN				ON	ON	ON	ON	ON							
Skoda	Fabia	2007	2014	Y	CAN				ON	ON					ON	ON	YES	YES	YES	
	Fabia	2013		N	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Octavia	2004	2008	Y	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Octavia	2008	2013	N	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Rapid	2010		N	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Roomster	2008	2015	Y	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Superb	2008	2013	N	CAN				ON	ON					ON	ON	ON	YES	YES	YES
	Yeti	2010	2014	N	CAN				ON	ON					ON	ON	ON	YES	YES	YES
SEAT	Altea	2004	2015	Y	CAN	HARCP2-VAG52			ON	ON				ON	ON	ON	YES	YES	YES	
	Alhambra	2015		Y	CAN				ON	ON				ON	ON	ON	YES	YES	YES	
	Exeo	2009	2013	Y	CAN				ON	ON				ON	ON	ON	YES	YES	YES	
	Ibiza	2008	2012	Y	CAN	HARCP2-VAG52			ON	ON				ON	ON	ON	YES	YES	YES	
	Ibiza	2012	2016	Y	CAN	HARCP2-VAG52			ON	ON				ON	ON	ON	YES	YES	YES	
	Leon	2005	2012	Y	CAN	HARCP2-VAG52			ON	ON				ON	ON	ON	YES	YES	YES	
	Toledo	2005	2015	Y	CAN	HARCP2-VAG52			ON	ON				ON	ON	ON	YES	YES	YES	
Subaru	Forester	2007	2014	Y	Analogue				ON					ON	ON	ON				
	Forester	2012		Y	Analogue				ON					ON	ON	ON				
	Forester	2015		Y	Analogue					ON	ON	ON		ON						
	Impreza	2007	2012	Y	Analogue				ON					ON	ON	ON				
	Impreza	2012	2015	Y	Analogue				ON					ON	ON	ON				
	Impreza	2015		Y	Analogue					ON	ON	ON		ON						
	Outback	2012		Y	Analogue				ON					ON	ON	ON				
	XV	2012	2015	Y	Analogue				ON					ON	ON	ON				
	XV	2015		Y	Analogue					ON	ON	ON		ON						
SsangYong	Actyon	2006		N	Analogue									ON	ON	ON	ON			
	Actyon	2012		Y	Analogue									ON	ON	ON	ON			
	Korando	2010		N	Analogue									ON	ON	ON	ON			
	Korando Sport	2012		N	Analogue									ON	ON	ON	ON			
	Korando Sport	2012		Y	Analogue									ON	ON	ON	ON			
	Rexton	2007	2012	N	Analogue									ON	ON	ON	ON			
	Rexton	2007		Y	Analogue									ON	ON	ON	ON			
	Rexton W	2013		Y	Analogue									ON	ON	ON	ON			
	Rodius	2013		N	Analogue									ON	ON	ON	ON			
	Rodius Turismo	2013		Y	Analogue									ON	ON	ON	ON			
	Stavic	2013		Y	Analogue									ON	ON	ON	ON			
Tivoli EX/ELX	2015		Y	Analogue									ON	ON	ON	ON				
Suzuki	Dzire	2008	2010	Y	Analogue				ON					ON	ON	ON				
	Ertiga	2012	2015	Y	Analogue				ON					ON	ON	ON				
	Fun	2002	2010	Y	Analogue	HARCP2.2-VX1								ON	ON	ON	ON			
	Grand Nomade		2009	Y	Analogue				ON					ON	ON	ON	ON			
	Grand Vitara	2001	2015	Y	Analogue	HARCP2-HD23			ON					ON	ON	ON	ON			
	Ritz	2009		Y	Analogue				ON					ON	ON	ON	ON			
	Splash	2009		Y	Analogue	HARCP2-HD23			ON					ON	ON	ON	ON			
	Swift	2006	2011	Y	Analogue	HARCP2-HD23			ON					ON	ON	ON	ON			
	SX4	2006		Y	Analogue	HARCP2-HD23			ON					ON	ON	ON	ON			
	SX4 S Cross	2013		Y	Analogue	HARCP2-HD23			ON					ON	ON	ON	ON			
	Vitara	2015		Y	Analogue				ON					ON	ON	ON	ON			
Tata	Indigo	2006		Y	Analogue					ON				ON	ON	ON	ON			
	Manza	2012		Y	Analogue					ON				ON	ON	ON	ON			
	Vista	2012		Y	Analogue					ON				ON	ON	ON	ON			
Toyota	4Runner	2002	2009	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON				
	4Runner	2002	2014	Y	Analogue	HARCP2-TOY23			ON	ON	ON			ON	ON	ON				
	Auris	2003	2009	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON				
	Auris	2007	2015	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Avanza	2003	2011	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Avensis	2001	2009	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Avensis	2011	2015	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Aygo	2014		Y	Analogue				ON	ON	ON			ON	ON	ON	ON			
	Camry	2017	2021	Y	Analogue	HARCP2.2-TY2			ON	ON	ON			ON	ON	ON	ON			
	Corolla	2001	2009	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Corolla	2009	2016	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Estima	2006	2016	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	FJ Cruiser	2001	2007	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Fortuner	2005	2011	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Fortuner	2011	2015	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Hilux	2012	2020	Y	Analogue	HARCP2.2-TY1				ON	ON	ON			ON	ON	ON			
	Hilux	2020		Y	Analogue	HARCP2.2-TY2				ON	ON	ON			ON	ON	ON			
	Innova	2006	2015	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Innova	2011	2015	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Landcruiser	2003	2010	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Matrix	2003	2014	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Prado	2003	2009	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Previa	2006	2019	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Prius	2009	2015	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Prius	2004	2017	N	Analogue	HARCP2-TOY23			ON	ON	ON			ON	ON	ON	ON			
	Prius+	2012	2014	N	Analogue	HARCP2-TOY23			ON	ON	ON			ON	ON	ON	ON			
	RAV-4	2001	2007	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	RAV-4	2006	2018	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Rush	2006	2011	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Rush	2006	2017	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON			
	Verso	2011		Y	Analogue	HARCP2.2-TY1				ON	ON	ON			ON	ON	ON			
	Vios	2003	2007	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
	Yaris	2001	2014	Y	Analogue	HARCP2.2-TY1			ON	ON	ON			ON	ON	ON	ON			
Yaris	2011	2019	N	Analogue	HARCP2-TOY23				ON				ON	ON	ON	ON				
Volvo	S60	2001	2007	N	CAN	HARCP2-V053			ON	ON	ON			ON	ON	ON	YES	YES	YES	
	S80	1998	2006	N	CAN	HARCP2-V053			ON	ON	ON			ON	ON	ON	YES	YES	YES	
	V70	2000	2007	N	CAN	HARCP2-V053														

Manufacturer	Model	Start Year	End Year	Phone Button Support	CAN / Analogue	Harness	OEM Chime Retention	OEM MOST Amplifier Retention	Dipswitch Setting							Outputs		
									1	2	3	4	5	6	7	Reverse	Speed	Park Brake
VW	Caddy	2015		Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	CC	2009	2014	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Crafter	2006	2014	Y	CAN	HARCP2.2-MC1			ON		ON	ON	ON	ON	ON	YES	YES	YES
	EOS	2006	2015	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Fusca	2005	2011	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Gol	2012		Y	CAN						ON				ON	YES	YES	YES
	Golf	2003	2013	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	GTI	2006	2014	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Jetta	2005	2017	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Magotan	2005	2011	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Multivan	2003	2008	N	CAN				ON	ON				ON	ON	YES	YES	YES
	Passat	2002	2015	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Polo	2005	2014	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Sagitar	2005	2011	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Scirocco	2008	2015	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Sharan	2015		Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Suran	2009		Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	T-6	2015		Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES
	Tiguan	2007	2017	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES
	Touareg	2003	2010	N	CAN	HARCP2-VAG52			ON	ON				ON	ON	YES	YES	YES
Touran	2003	2015	Y	CAN	HARCP2-VAG52			ON	ON		ON	ON	ON	ON	YES	YES	YES	
Transporter	2003	2015	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES	
Vento	2005	2011	Y	CAN				ON	ON		ON	ON	ON	ON	YES	YES	YES	
Vauxhall/Opel	Agila	2000	2004	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Agila	2009	2015	N	Analogue				ON			ON		ON	ON			
	Antara	2006	2014	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Astra	1998	2004	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Astra	2004	2010	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Astra Classic	2004	2009	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Corsa	2000	2004	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Corsa	2005	2014	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Meriva	2003	2005	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Meriva	2005	2010	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Omega	2000	2003	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Signum	2005	2008	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Tigra	2004	2009	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Vectra	1998	2004	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Vectra	2004	2008	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES
	Vivaro	2002	2006	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON			
	Vivaro	2011	2013	Y	CAN						ON		ON	ON	ON	YES	YES	YES
Zafira	1999	2005	N	Analogue	HARCP2.2-VX1					ON		ON	ON	ON				
Zafira	2005	2014	Y	CAN	HARCP2-VX52					ON	ON	ON	ON	ON	YES	YES	YES	

ALFA ROMEO

Mini-ISO Vehicles

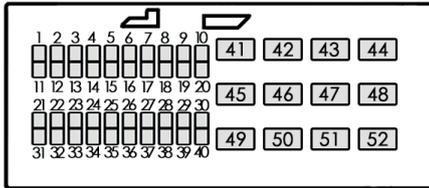


147/156/GT Analogue	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

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

147/156/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

Giulietta/Mito/4C OEM Specific

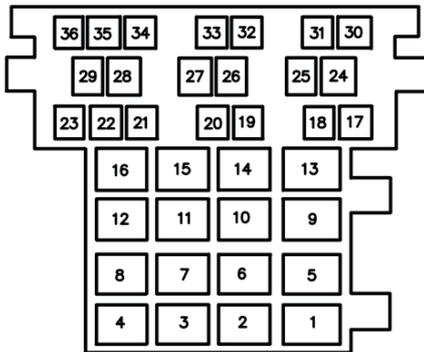


Giulietta/Mito/4C	
Interface Wire	Pin Number
CAN High	2
CAN Low	12
Batt 12V	44
Ground	43

Harnesses Available:
HARCP2.2-AR1
HARCP2.2-FA1

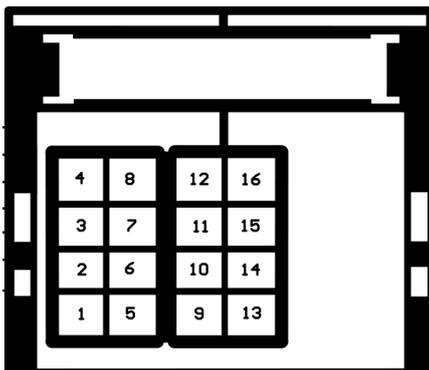
AUDI

Mini-ISO Vehicles



CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	32
CAN Low	27
Batt 12V	2
Ground	4

Audi CAN-Bus Quadlock

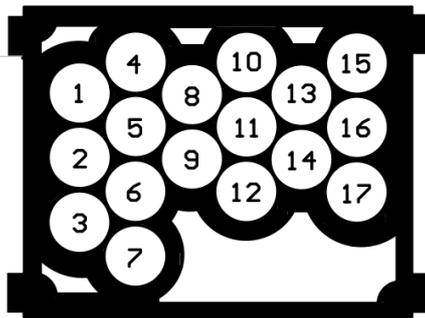


Audi CAN-Bus Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

Harnesses Available:
HARCP2.2-AU1
HARCP2.2-AU3
HARCP2-VAG52

BMW

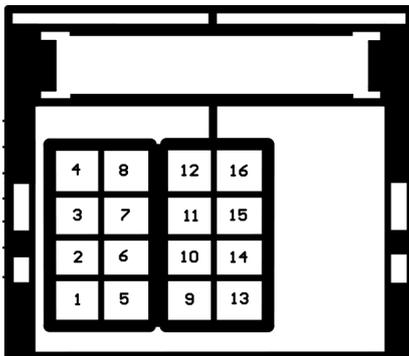
17 Way Round Pin i-Bus Vehicles



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

*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.

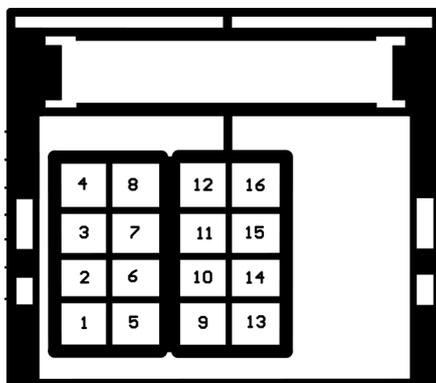
40 Way Flat Pin Quadlock i-Bus Vehicles



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

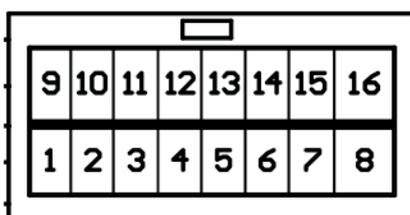


Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	To Battery*
Ground	12

Harnesses Available:
HARCP2.2-BM1
HARCP2.2-BM2
HARCP2.2-BM3
HARCP2-BM32

CHERY

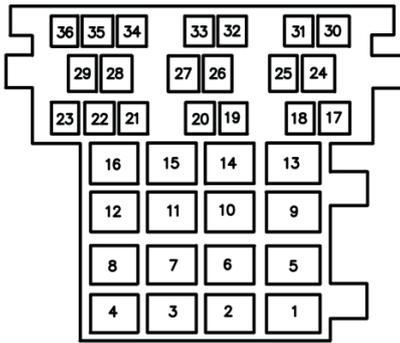
16 Way Kenwood Connector



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

CHRYSLER

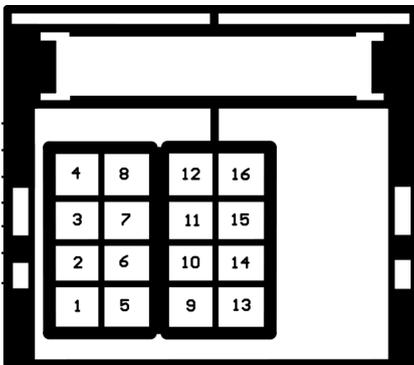
Mini ISO Connector



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

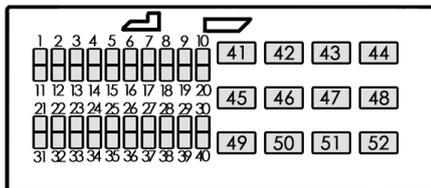
CITROEN

Quadlock CAN-Bus Vehicles



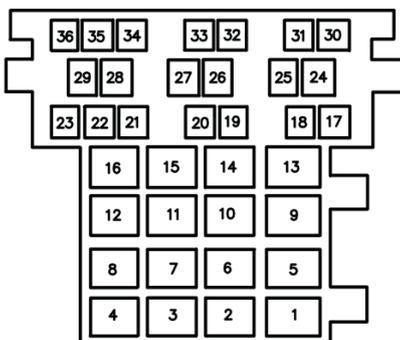
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

Jumper OEM Specific



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

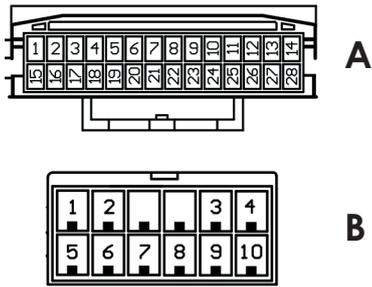
Mini ISO Connector



Relay/Jumper 2006-2008 Relay/Jumper 2008-2013 Evasion/Synergie 1996-2002 Dispatch 2007-2016	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

CITROEN cont'd.

C1 OEM Specific

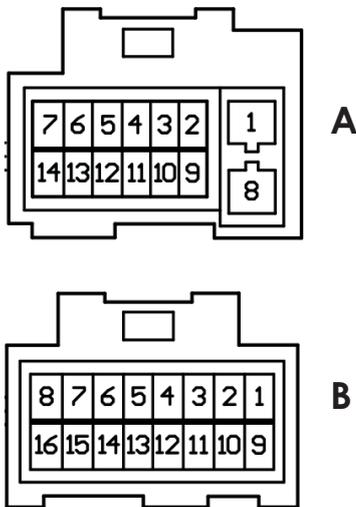


C1 Analogue 2014>	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7

Harnesses Available:
HARCP2-PSA52

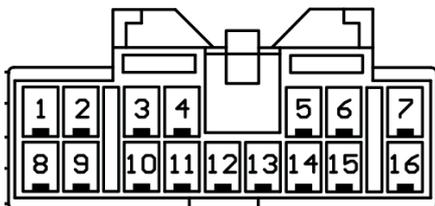
CHEVROLET

Fujitsu Ten Specific Connector



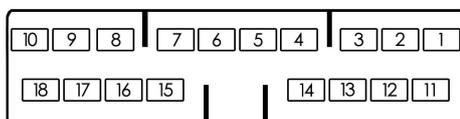
Aveo, Captiva	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

White S10 Connector



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

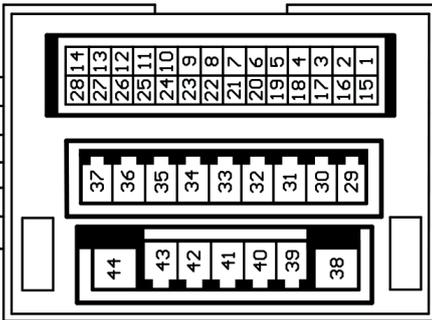
White Spark Connector



Spark 2010-2015	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	5
Batt 12V	15
Ground	6

CHEVROLET cont'd.

Spark/Sonic OEM Specific

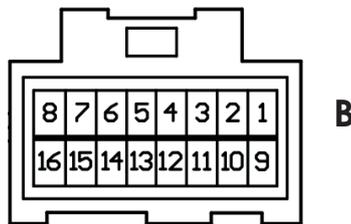
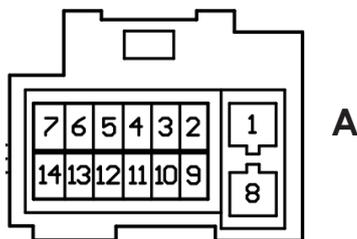


Spark, Sonic	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	5
Batt 12V	44
Ground	38

Harnesses Available:
HARCP2.2-VX1

DAEWOO

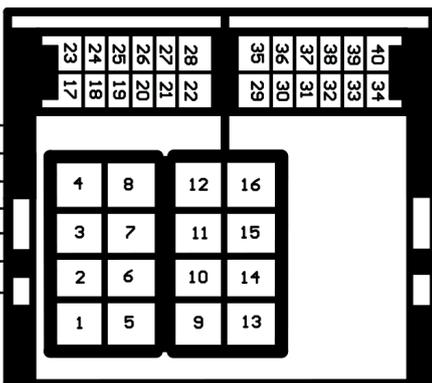
Fujitsu Ten Specific Connector



Winstorm	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

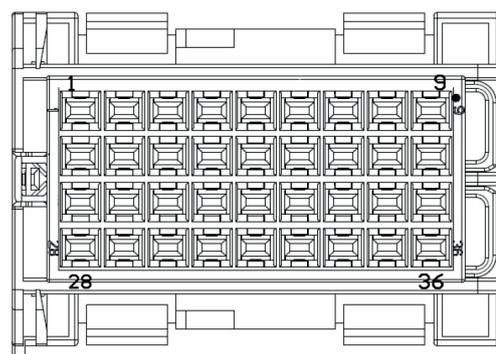
DAF

40 Way MOST Quadlock CAN-Bus Vehicles



DAF CF/XF Quadlock	
Interface Wire	Pin Number
CAN High	9
CAN Low	10
Batt 12V	15
Ground	12

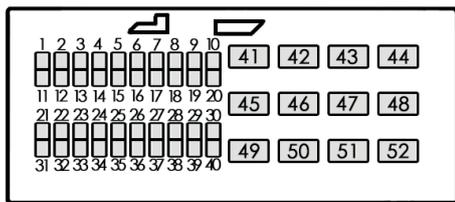
OEM Specific



DAF CF/XF No OEM Radio	
Interface Wire	Pin Number
CAN High	21
CAN Low	20
Batt 12V	25
Ground	1

DODGE

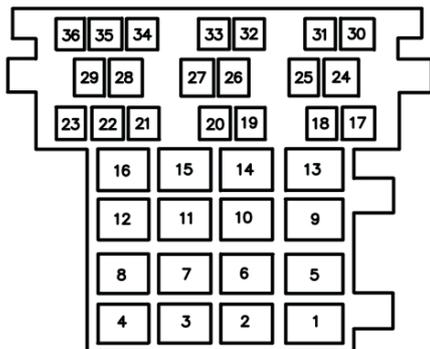
OEM Specific Connector



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

FIAT

Mini ISO Connector



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

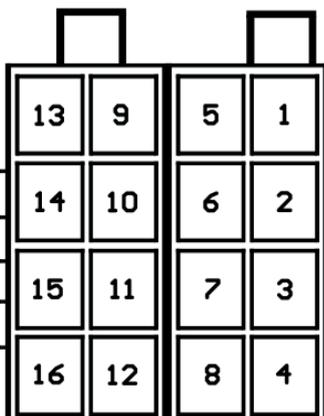
Ducato 07-11, Multipla 04, Panda 04-07	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

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

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

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

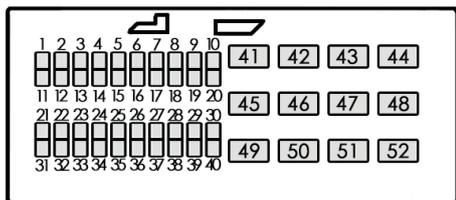
8 Way ISO Connector



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

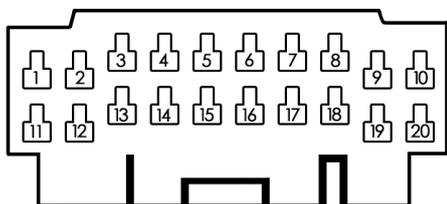
FIAT cont'd.

OEM Specific Connector



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

Sedici OEM Connector

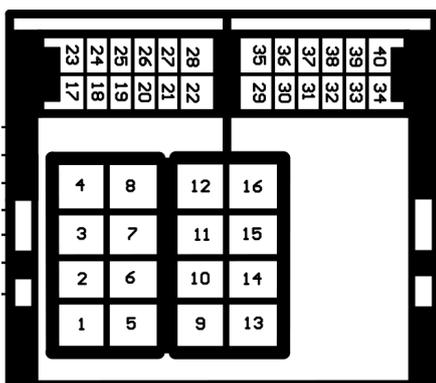


Sedici 2006-2014	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	19
Analogue Ground	20
Batt 12V	1
Ground	11

Harnesses Available:
HARCP2.2-AR1
HARCP2.2-FA1

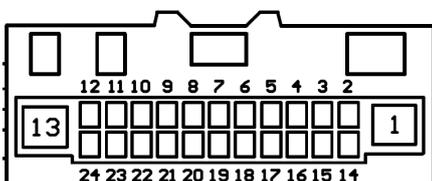
FORD

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

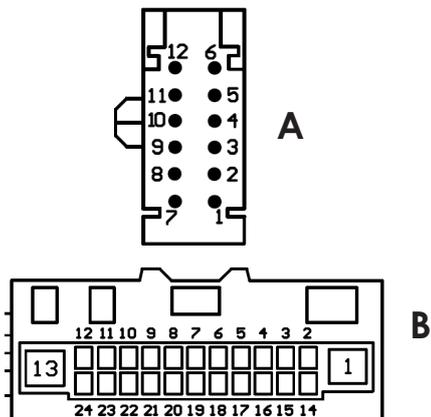
24 Way Ford Connector



Everest, Transit-Custom, Transit, Ranger 15+	
Interface Wire	Pin Number
CAN High	14
CAN Low	15
Batt 12V	1
Ground	13

FORD cont'd.

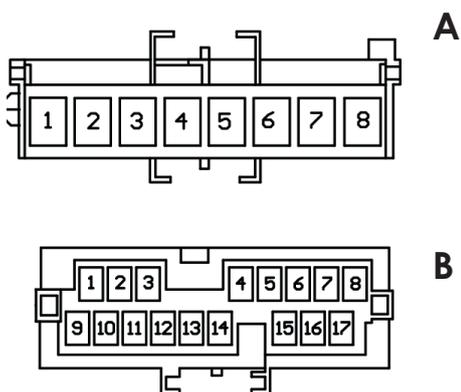
24 Way New Connector (Vehicles with Display)



B-Max, C-Max, Ecosport, Escape, Fiesta, Focus, Kuga, Ranger, Taurus, Transit-Custom, Transit-Connect

Interface Wire	Pin Number
CAN High	A4
CAN Low	A5
Analogue 1	A7
Analogue Ground	A10
Batt 12V	B1
Ground	B13

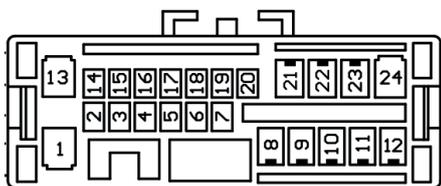
Old Style Analogue Vehicles



Old Style Analogue

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

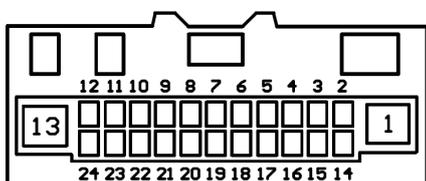
Fiesta/F150/Fusion



F150, Fiesta, Focus, Fusion, Galaxy, Mondeo, Puma, Transit Analogue

Interface Wire	Pin Number
Analogue 1	18
Analogue Ground	19
Batt 12V	1
Ground	13

Fiesta/Transit (Vehicles without Display)



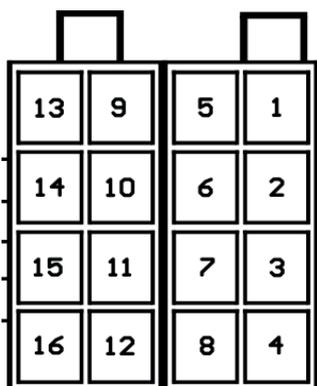
Fiesta, Transit 2013>

Interface Wire	Pin Number
Analogue 1	9
Analogue Ground	20
Batt 12V	1
Ground	13

Harnesses Available:
HARCP2-FD22
HARCP2-FD52

GREAT WALL

8 Way ISO Connector

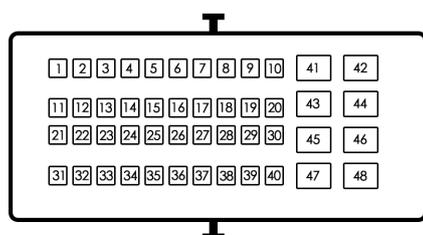


Steed, Wingle	
Interface Wire	Pin Number
Analogue 2	1
Analogue Ground	5
Batt 12V	8
Ground	4

H6	
Interface Wire	Pin Number
Analogue 1	6
Analogue 2	1
Analogue Ground	5
Batt 12V	8
Ground	4

HARLEY DAVIDSON

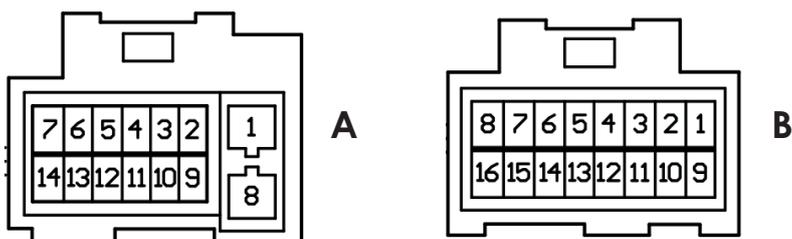
Street Glide OEM Connector



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

HOLDEN

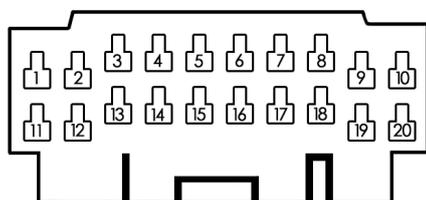
Fujitsu Ten Specific Connector



Captiva	
Interface Wire	Pin Number
Analogue 2	B12
Analogue Ground	A12
Batt 12V	A1
Ground	A8

HONDA

CR-V/S2000/Jazz OEM Specific

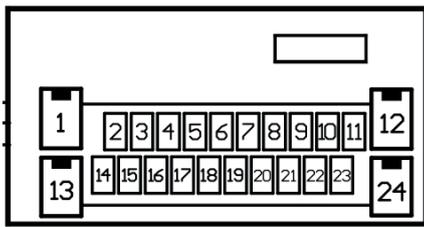


CR-V 05-07, S2000 99-09	
Interface Wire	Pin Number
Analogue 1	8
Analogue Ground	7
Batt 12V	1
Ground	11

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

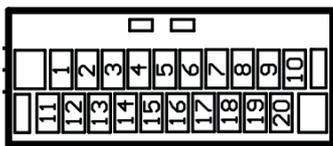
HONDA cont'd.

Civic CAN-Bus 2012>



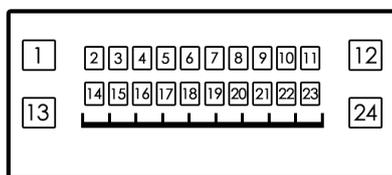
A

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



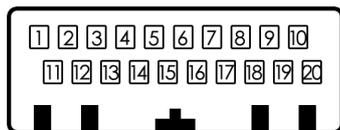
B

City/Fit/HR-V/Jazz OEM Specific



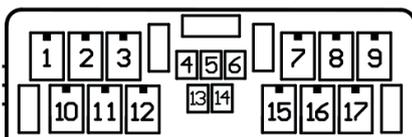
A

City, Fit, HR-V, Jazz 14>	
Interface Wire	Pin Number
Analogue 1	A21
Analogue 2	B12
Analogue Ground	A8
Batt 12V	A13
Ground	A1



B

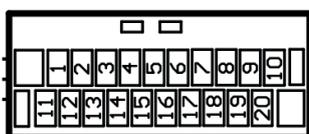
Analogue Vehicles



A

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

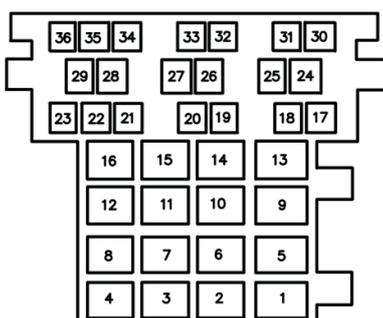
Harnesses Available:
HARCP2-HD23



B

HYUNDAI

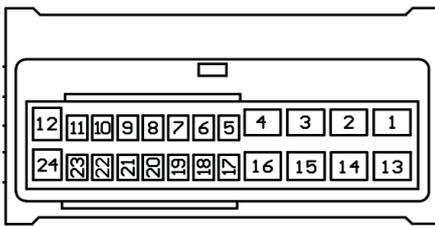
Mini-ISO Connector



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

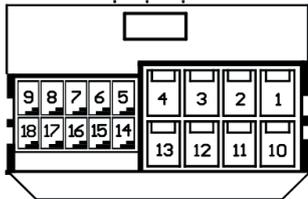
HYUNDAI cont'd.

Santa Fe 2006-2010



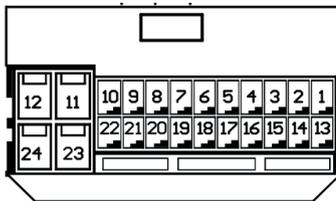
Santa Fe 2006-2010	
Interface Wire	Pin Number
Analogue 2	6
Analogue Ground	18
Batt 12V	12
Ground	24

Hyundai White Connector



A

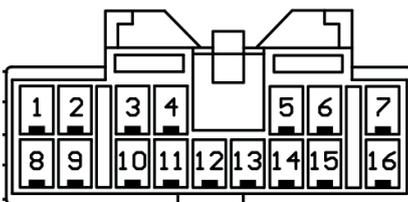
Hyundai White Connector	
Interface Wire	Pin Number
Analogue 2	B4
Analogue Ground	B17
Batt 12V	B12
Ground	B24



B

ISUZU

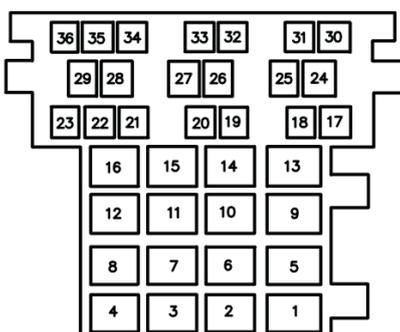
D-Max Connector



D-Max 12>, MU-X 14>	
Interface Wire	Pin Number
Analogue 1	5
Analogue Ground	13
Batt 12V	14
Ground	10

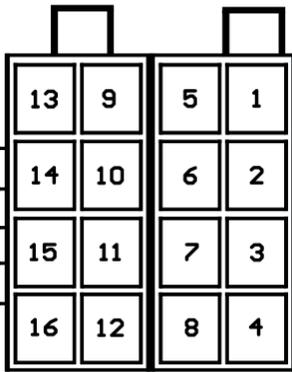
IVECO

Daily Mini ISO Connector

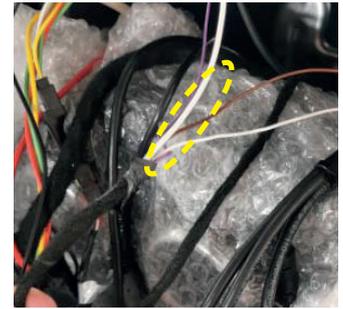


Daily Mini ISO	
Interface Wire	Pin Number
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

IVECO cont'd.



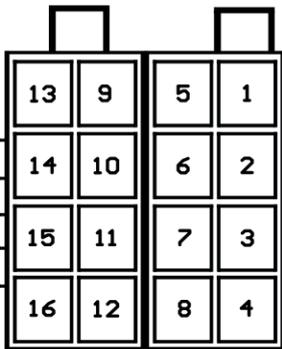
Daily ISO (2019>)	
Interface Wire	Pin Number
Analogue 2	*See Diagram
Batt 12V	2
Ground	4



*Connect analogue 2 to white LIN-Bus wire in the dashboard cavity labelled '2213'. It will appear grouped in a harness with four total wires, sheathed with tape.

JAC

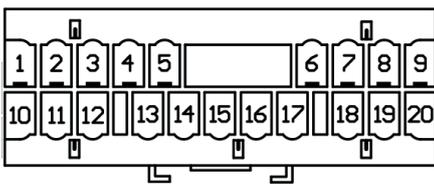
8 Way ISO Connector



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

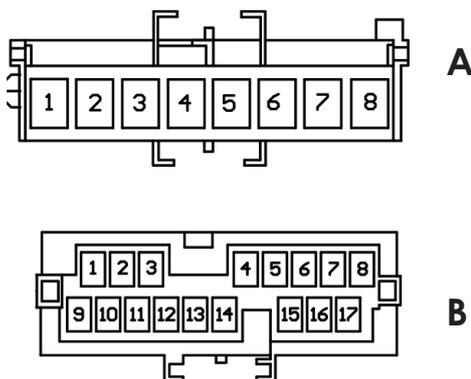
JAGUAR

XJ8 Connector



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

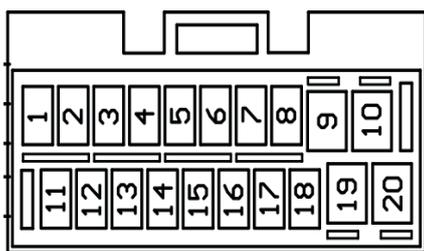
S Type Connector



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

JAGUAR cont'd.

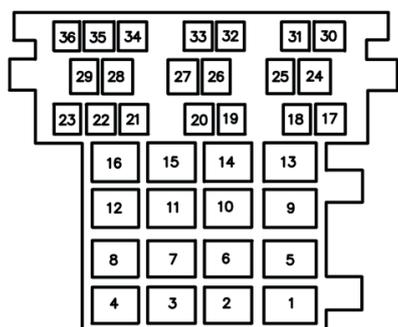
X Type Connector



X Type 02-09	
Interface Wire	Pin Number
Analogue 1	13
Analogue Ground	To vehicle chassis
Batt 12V	20
Ground	10

KIA

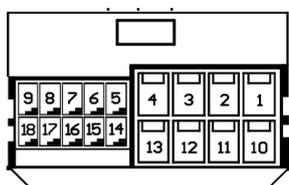
Mini-ISO Vehicles



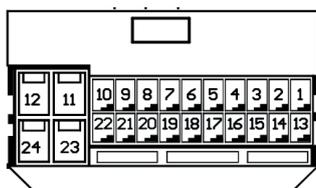
Cee'd 2007-2009	
Interface Wire	Pin Number
Analogue 2	19
Analogue Ground	26
Batt 12V	8
Ground	4

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

Kia White Connector



A



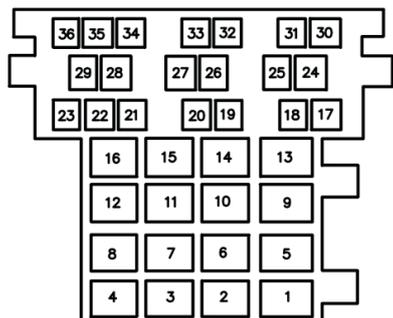
B

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

LANCIA

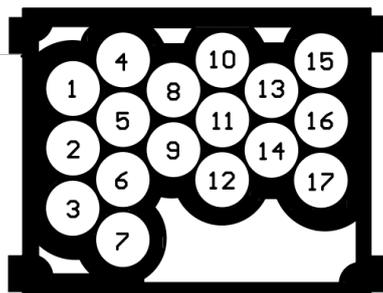
Delta Connector



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

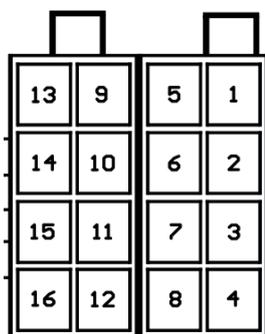
LAND ROVER

17 Way BMW Connector



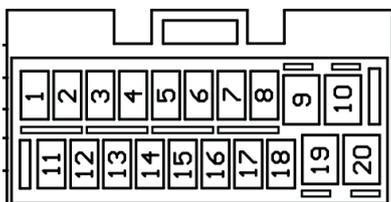
Land Rover Discovery/ Freelander with 17 way BMW Connector	
Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	10
Batt 12V	11
Ground	10

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

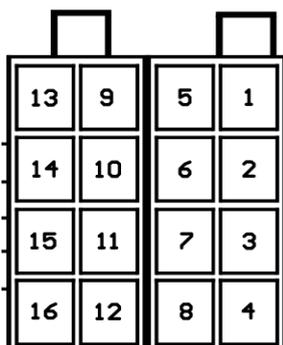


Freelander, Discovery, Range Rover Sport CAN-Bus	
Interface Wire	Pin Number
CAN High	2
CAN Low	1
Analogue 1	13
Analogue Ground	10
Batt 12V	20
Ground	10

Harnesses Available:
HARCP2.2-LR1
HARCP2.2-LR2

LIFAN

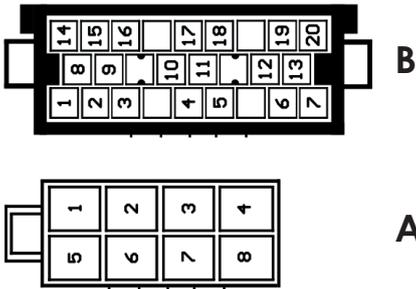
Lifan OEM Connector



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

MAHINDRA

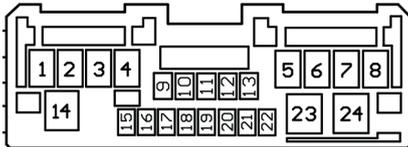
Scorpio Connector



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

MAZDA

OEM Specific Connector



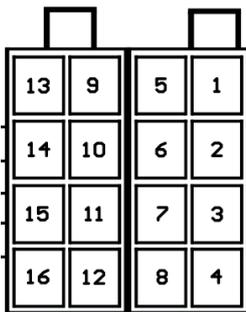
6 2007-2009	
Interface Wire	Pin Number
CAN High	20
CAN Low	21
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

2, 3, CX-7, CX-9	
Interface Wire	Pin Number
Analogue 1	12
Analogue Ground	13
Batt 12V	14
Ground	24

Harnesses Available:
HARCP2-MZ23

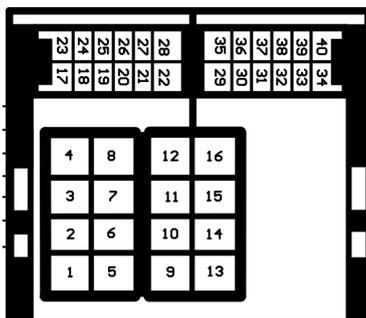
MERCEDES BENZ

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

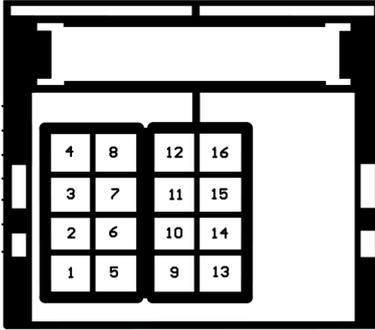
E Class/SLK Quadlock



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

MERCEDES BENZ cont'd.

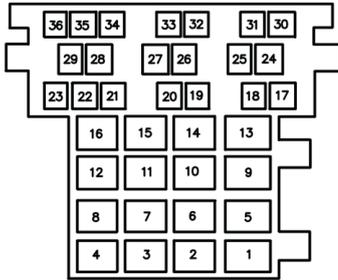
Quadlock CAN-Bus Vehicles



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

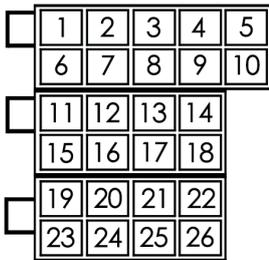
Vito (W447 with Audio 15)	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	15
Ground	12

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

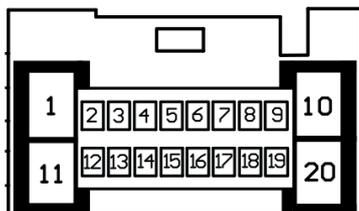


10 Way ISO CAN-Bus	
Interface Wire	Pin Number
CAN High	1
CAN Low	6
Batt 12V	24
Ground	26

Harnesses Available:
 HARCP2.2-MC1
 HARCP2.2-MC2
 HARCP2.2-MC3
 HARCP2.2-MC4
 HARCP2.2-MC5
 HARCP2.2-MC6

MITSUBISHI

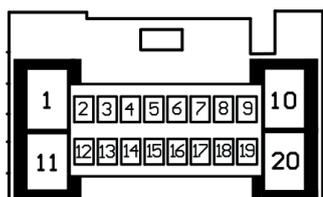
Outlander 2013>



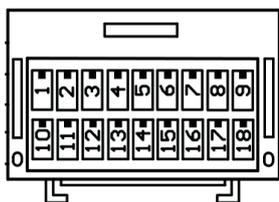
Outlander 2013>	
Interface Wire	Pin Number
CAN High	8
CAN Low	18
Analogue 1	9
Analogue Ground	11
Batt 12V	1
Ground	11

MITSUBISHI cont'd.

OEM Specific (ASX, Lancer, Outlander, Pajero, Shogun)



A



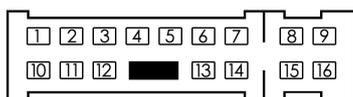
B

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

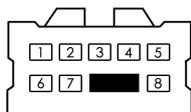
Lancer, Outlander 2007-2010	
Interface Wire	Pin Number
Analogue 1	A9
Analogue Ground	To vehicle chassis
Batt 12V	A1
Ground	To vehicle Chassis

NISSAN

8 & 16 Way Connector



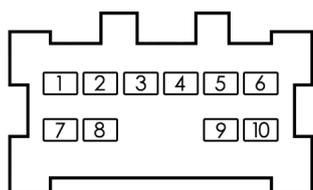
A



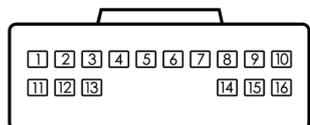
B

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

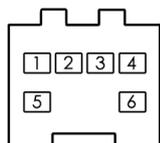
6 & 10 Way Connector



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

OEM Specific Connector

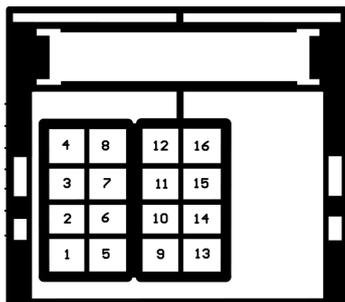


All Models	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

Harnesses Available:
HARCP2-NI23

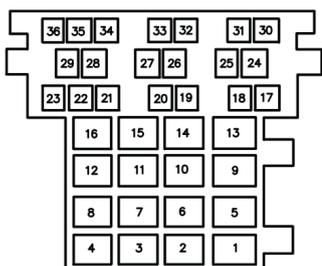
PEUGEOT

Quadlock CAN-Bus Vehicles



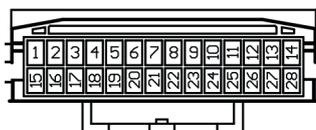
Quadlock CAN-Bus Vehicles	
Interface Wire	Pin Number
CAN High	10
CAN Low	13
Batt 12V	12
Ground	16

Mini-ISO Analogue Vehicles

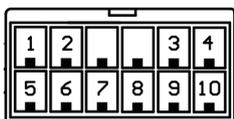


206/306 98-02, 806 96-02	
Interface Wire	Pin Number
Analogue 1	17
Analogue 2	30
Analogue Ground	24
Batt 12V	8
Ground	4

108 OEM Connector



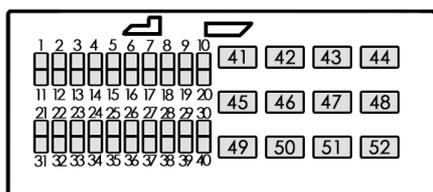
A



B

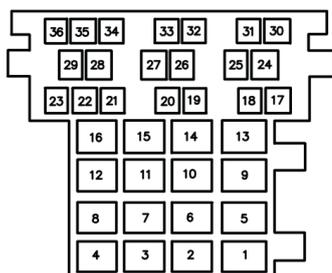
108	
Interface Wire	Pin Number
Analogue 1	A20
Analogue 2	A19
Analogue Ground	A21
Batt 12V	B4
Ground	B7

Boxer OEM Connector



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

Mini-ISO CAN Vehicles

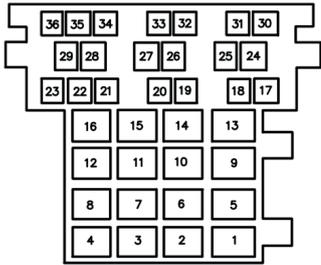


Boxer 06-08/08-14	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
CAN High	5
CAN Low	6
Batt 12V	2
Ground	4

Harnesses Available:
HARCP2-PSA52

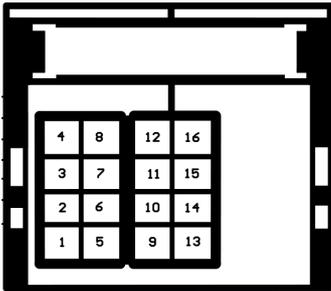
PORSCHE

Mini-ISO Cayenne Specific



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

Quadlock Cayenne Specific

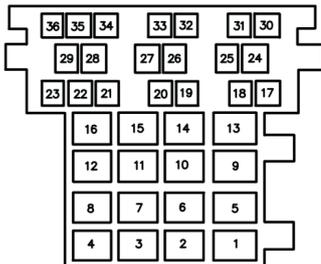


Cayenne 2002-2007 Quadlock	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	12
Ground	15

Harnesses Available:
HARCP2.2-PO2
HARCP2.2-PO3

PROTON

Mini ISO Connector

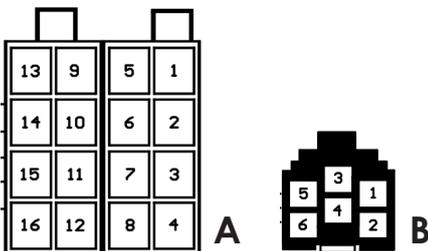


GEN-2	
Interface Wire	Pin Number
Analogue 1	20
Analogue 2	33
Analogue Ground	27
Batt 12V	2
Ground	4

Harnesses Available:
HARCP2.2-FA1

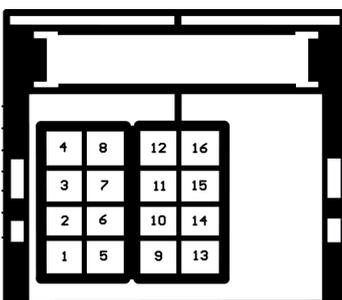
RENAULT

8 Way ISO VDO Update List



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

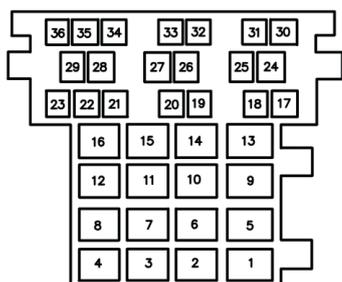
CAN-Bus Quadlock Connector



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

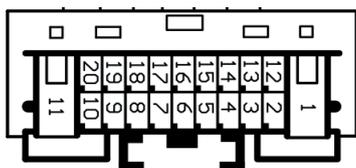
RENAULT cont'd.

CAN-Bus Mini-ISO Connector



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

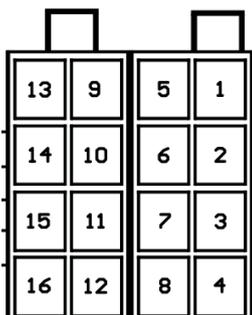


Scala Analogue	
Interface Wire	Pin Number
Analogue 1	8
Analogue 2	17
Analogue Ground	7
Batt 12V	1
Ground	To vehicle chassis

Harnesses Available:
HARCP2.2-RN1

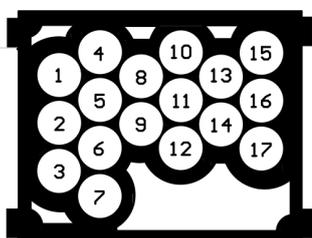
ROVER

Highline OEM Connector



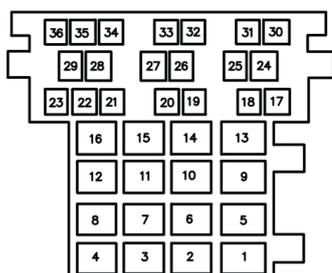
Rover 75 with Highline	
Interface Wire	Pin Number
Analogue 1	1
Analogue Ground	To vehicle chassis
Batt 12V	2
Ground	4

BMW 17 Way Round Pin Connector



25/45/75/ZR/ZS/ZT/ZT-T BMW Connector	
Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	N/R
Batt 12V	11
Ground	10

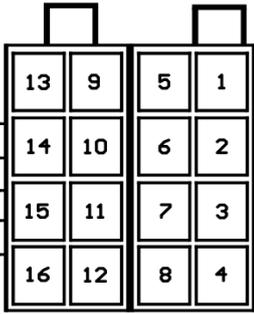
Mini-ISO Connector



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

SAAB

8 Way ISO Connector



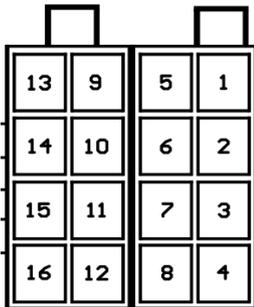
Saab 9.3/9.5 98-02	
Interface Wire	Pin Number
Analogue 2	See diagram*
Batt 12V	8
Ground	4

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



SCANIA

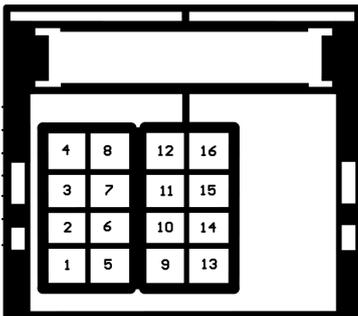
8 Way ISO Connector



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

SKODA

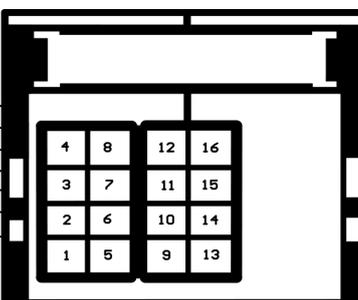
CAN-Bus Quadlock Connector



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

SEAT

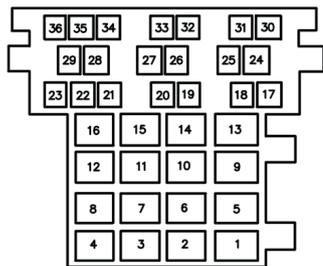
CAN-Bus Quadlock Connector



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

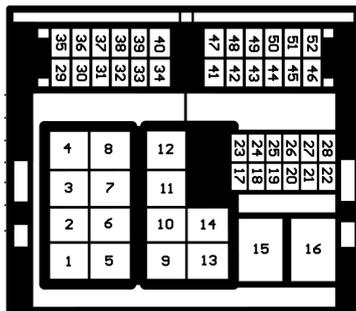
SEAT cont'd.

Mini-ISO Connector



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

52 Way Quadlock Connector

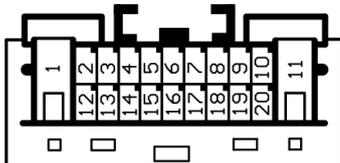


Seat Alhambra (MIB-PQ)	
Interface Wire	Pin Number
CAN High	22
CAN Low	28
Batt 12V	16
Ground	15

Harnesses Available:
HARCP2-VAG52

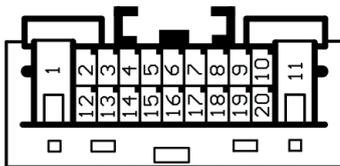
SUBARU

OEM Specific Connector



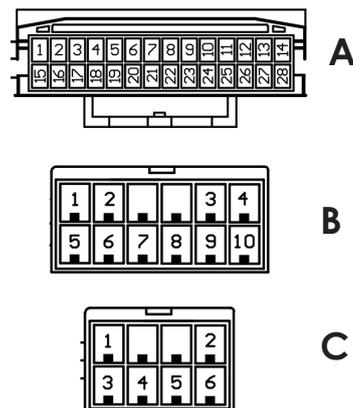
Forester/Impreza 2007-2012	
Interface Wire	Pin Number
Analogue 1	17
Analogue Ground	7
Batt 12V	1
Ground	11

OEM Connector - vehicles without OEM Navigation



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

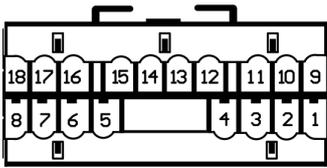
3 Way OEM Connector



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

SSANGYONG

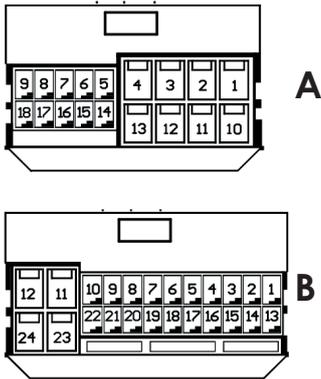
OEM Specific Connector



Actyon 2006>, Rexton 2007>, Korando Sport 2012, Rodius 2013>

Interface Wire	Pin Number
Analogue 1	16
Analogue Ground	14
Batt 12V	5
Ground	14

OEM Specific Connector



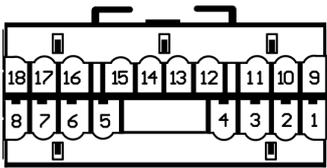
Tivoli EX / ELX

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

OEM Specific Connector

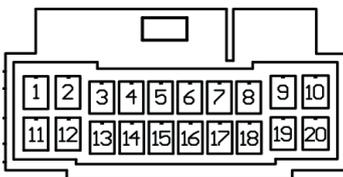


All other Ssangyong models

Interface Wire	Pin Number
Analogue 2	16
Analogue Ground	13
Batt 12V	5
Ground	14

SUZUKI

OEM Specific Connector



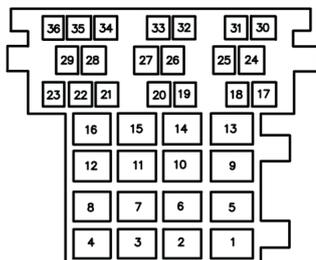
Suzuki all models

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

Harnesses Available:
HARCP2.2-VX1
HARCP2-HD23

TATA

Mini-ISO Connector

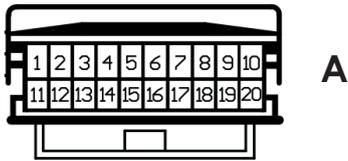


Tata Vista, Manza, Indigo

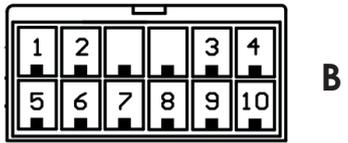
Interface Wire	Pin Number
Analogue 2	20
Analogue Ground	27
Batt 12V	2
Ground	4

TOYOTA

20 Way OEM Specific Connector



A

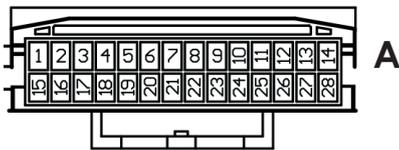


B

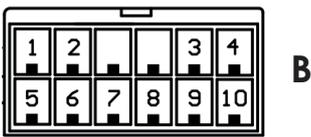
Toyota <2011	
Interface Wire	Pin Number
Analogue 1	A8
Analogue 2	A7
Analogue Ground	A6
Batt 12V	B4
Ground	B7

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

28 Way OEM Specific Connector



A



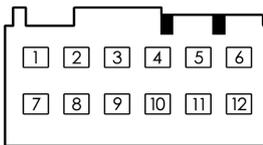
B

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

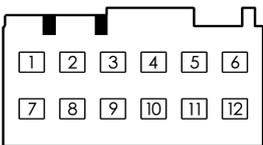
Harnesses Available:
 HARCP2.2-TY1
 HARCP2.2-TY2
 HARCP2-TOY23

VOLVO

OEM Specific Connector



A - Green



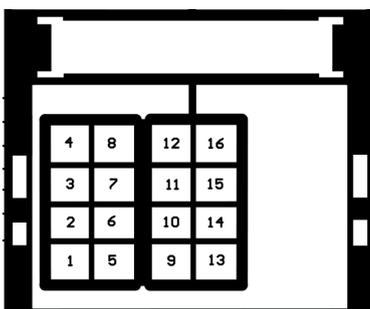
B - Grey

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

Harnesses Available:
 HARCP2.2-VL1
 HARCP2-VO53

VOLKSWAGEN

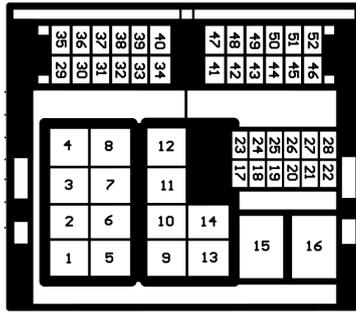
CAN-Bus Quadlock Connector



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

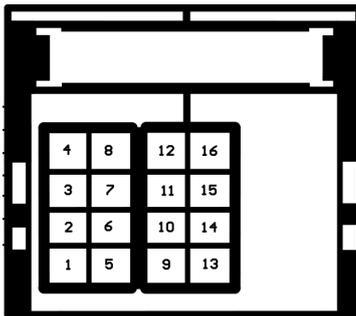
VOLKSWAGEN cont'd.

52 Way CAN-Bus Quadlock Connector



CAN-Bus Quadlock Connector

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

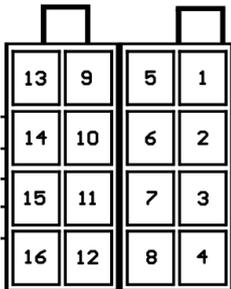


Crafter 2006>	
Interface Wire	Pin Number
CAN High	11
CAN Low	9
Batt 12V	15
Ground	12

Harnesses Available:
HARCP2-VAG52
HARCP2.2-MC1

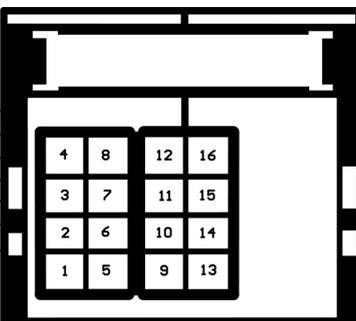
VAUXHALL/OPEL

8 Way ISO Connector



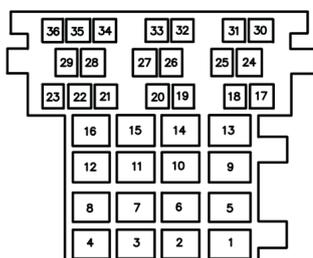
CAN-Bus Quadlock Connector

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



Mini-ISO Connector

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



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

Harnesses Available:
HARCP2.2-VX1
HARCP2-VX52

NOTES

NOTES
