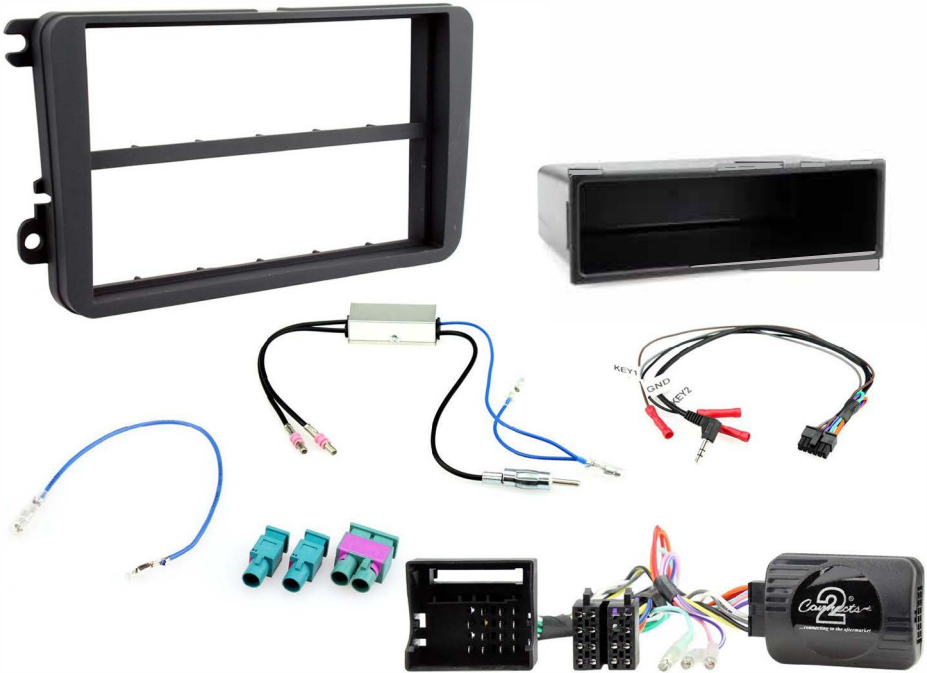


THE COMPLETE INSTALLATION KIT VOLKSWAGEN

CTKVW04



This Kit Contains:

- Black Fascia Panel & Pocket
- CAN-Bus Steering Wheel Control Interface
- Twin Fakra Antenna Adapter
- Universal Patch Lead

www.connects2.com



The CTKVW04 Complete Installation Kit from Connects2 allows for the installation of a single DIN aftermarket stereo and pocket whilst retaining the vehicle's antenna connection, steering wheel control functions and factory phone buttons for call pick-up/hang-up.

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APPLICATION

Volkswagen

Passat	2005 - 2015
Golf	2003 - 2013
Touran	2003 - 2015
Transporter	2009 - 2015
Polo	2009 - 2014
Jetta	2005 - 2015
EOS	2006 - 2016
Tiguan	2007 - 2015
Scirocco	2008 - 2015
Amarok	2010>

For Volkswagen Vehicles with RCD200/300/310/500/510 OEM stereos and Quadlock connectors

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 using during the installation to avoid damage to the vehicle or product. Application data and/or product functionality is subject to change at any time **Connects2 can not be held responsible for the installation of this product.***

PREPARATION

NB: Before removing the factory radio, make sure that the vehicle ignition is turned off.

- 1 Firstly use a panel removal tool to loosen the clips around the edge of the main fascia panel (**Fig. A**).



- 2 Next, use a screwdriver to remove the four (4) screws from around the stereo, remove the stereo and disconnect all wiring (**Fig. B**).



Need help? If when you read these instructions or at any point during installation you need help, Halfords 'weFit' service is here for you. Please contact your local store for details

NB: Keep any clips, screws and parts from the disassembly process for potential reuse when fitting.

Progress to "Kit Assembly - Preliminary"



KIT ASSEMBLY - PRELIMINARY

- 3** Push the included pocket into the lower opening in the fascia panel until it clips into place (**Fig. C**).



- 4** Push the cage included with the new stereo into the top opening in the fascia panel (**Fig. D**) and place the pocket and fascia assembly into the dash. Feed all wiring connections for the stereo through this opening and prepare for stereo installation.



Progress to "Preparing the Patch Lead"



PREPARING THE PATCH LEAD

To correctly configure the interface for installation, the included patch lead (CTMULTILEAD.2) must be set according to the below information, in relation to the type of aftermarket stereo being installed in the vehicle.

See the diagram below for examples of which loops to cut and which connector type to use for all main brands of aftermarket stereo

Configuration Assignments (1=Link made, 0=No Link)

J1	J2	J3	Systems	Connector
1	0	0	JVC	Jack/Key1
0	1	0	BEAT/Philips/Nakamichi	Key1
1	1	0	Clarion	Jack
0	0	1	Kenwood	Key1
1	0	1	Alpine	Jack
0	1	1	Panasonic	Key1
1	1	1	Sony/LG/Pioneer	Jack
1 (Pin12)	1 (Pin10)	0	Zenec	Key1
1	1	1	Chinese Learning Brands	Key1, Key2, GND

Pin Configuration

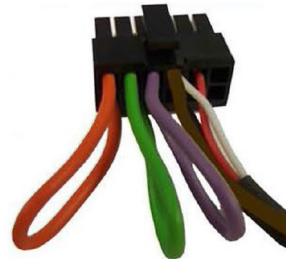
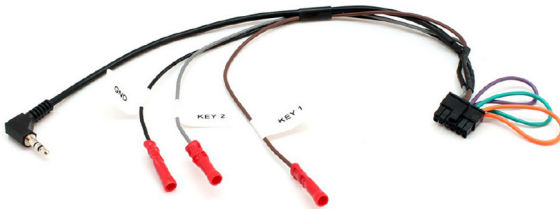
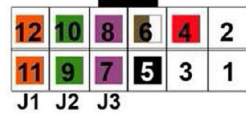
Pin 1	Description
1	Reserved
2	Reserved
3	Reserved
4	Analog 2 Swc
5	GND Swc
6	Analog 1 Swc
7	Link J3
8	Link J3
9	Link J2
10	Link J2
11	Link J1
12	Link J1

Here are some Examples of how to make various patch Leads:

Example 1: Alpine - Remove Link J2 then use the Jack connector into radio.

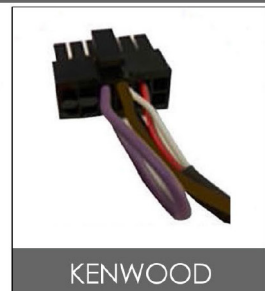
Example 2: Kenwood - Remove Link J1 and J2, use the wire connector to Radio.

Example 3: Zenec - Remove Link J3, Cut Orange and Green then solder top row (Pin 12 & 10) together and insulate. Use the Wire connector to Radio.



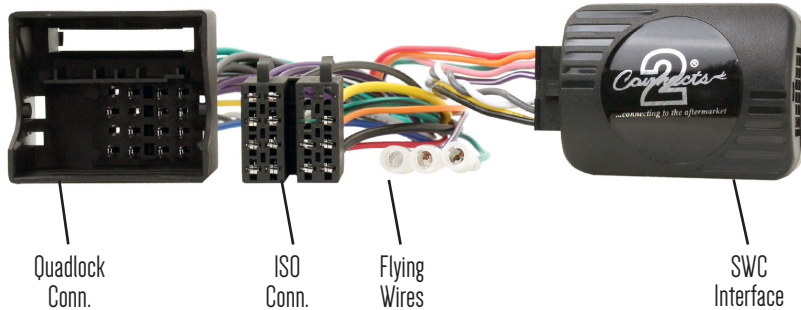
NB: When cutting loops on the CTMULTILEAD.2, please ensure that the bare wire ends are insulated

Examples:

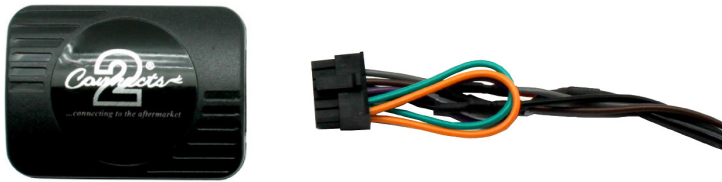


INSTALLING THE STEERING WHEEL CONTROL INTERFACE

The steering wheel control functions of the original vehicle - which are lost during removal of the factory system - can be retained through the correct installation of the interface included in this kit. Please read these instructions carefully to ensure that your system will work well following the installation.



- 5** Connect the 12 Pin black connector of the stereo patch lead to the interface.



- 6** Connect the opposite end of the patch lead to the steering wheel control input on the back of the new stereo.

NB: This may be a 3.5mm jack plug or a wire input depending upon the stereo brand being fitted. Please see the stereo installation manual for further information on where to connect.

IMPORTANT

This step must be completed before connecting power to the interface. Failure to do so may result in no steering wheel control function.

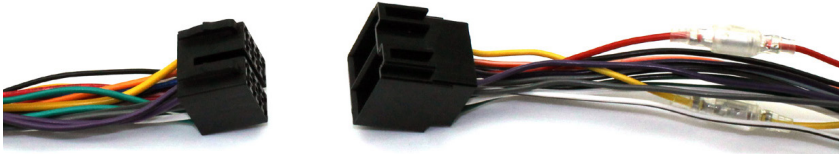


- 7** Connect the 14 Pin black connector of the main wiring loom to the interface



8

Connect the male power/speaker ISO harness to the female power/speaker ISO harness from the new stereo. For new stereos without an ISO connector and for connecting optional inputs, please refer to "Wiring Colour Codes" below.



9

Connect the included antenna adapter to the vehicle and the new stereo. Use the appropriate fakra connector configuration based on whether your vehicle has single inputs or a dual input.

The Blue flying wire should be connected to a suitable 12V Remote Out feed (**Fig. E**).



Fig. E

WIRING COLOUR CODES

PURPLE	RIGHT REAR SPEAKER +	YELLOW	12V PERMANENT
PURPLE/BLACK	RIGHT REAR SPEAKER -	BLACK	GROUND
GREEN	LEFT REAR SPEAKER +	RED	12V IGNITION
GREEN/BLACK	LEFT REAR SPEAKER -	PINK	SPEED PULSE
GREY	RIGHT FRONT SPEAKER +	GREEN	PARK BRAKE
GREY/BLACK	RIGHT FRONT SPEAKER -	PURPLE/WHITE	REVERSE GEAR
WHITE	LEFT FRONT SPEAKER +		
WHITE/BLACK	LEFT FRONT SPEAKER -		

SWC CONFIGURATION

ORIGINAL BUTTON	FUNCTION
PLUS ICON	VOLUME +
MINUS ICON	VOLUME -
SPEECH	MUTE
PHONE	PICK UP (SHORT PRESS) / HANG UP (LONG PRESS)
DISC ICON	SOURCE
UP ARROW	TRACK +
DOWN ARROW	TRACK -

Continue to "Kit Assembly - Final Installation"



KIT ASSEMBLY - FINAL INSTALLATION

NB: Before final installation, temporarily rest the stereo inside the dashboard and test functions (e.g. radio reception etc) before pushing the stereo into place to complete the fitting.

- 10** Use a screwdriver to screw the pocket and fascia assembly in the dashboard. Use the screws retained in Step 2 (Preparation)
- 11** Push the stereo into the dashboard until it clips into place in the metal cage to complete the installation (**Fig. F**).

