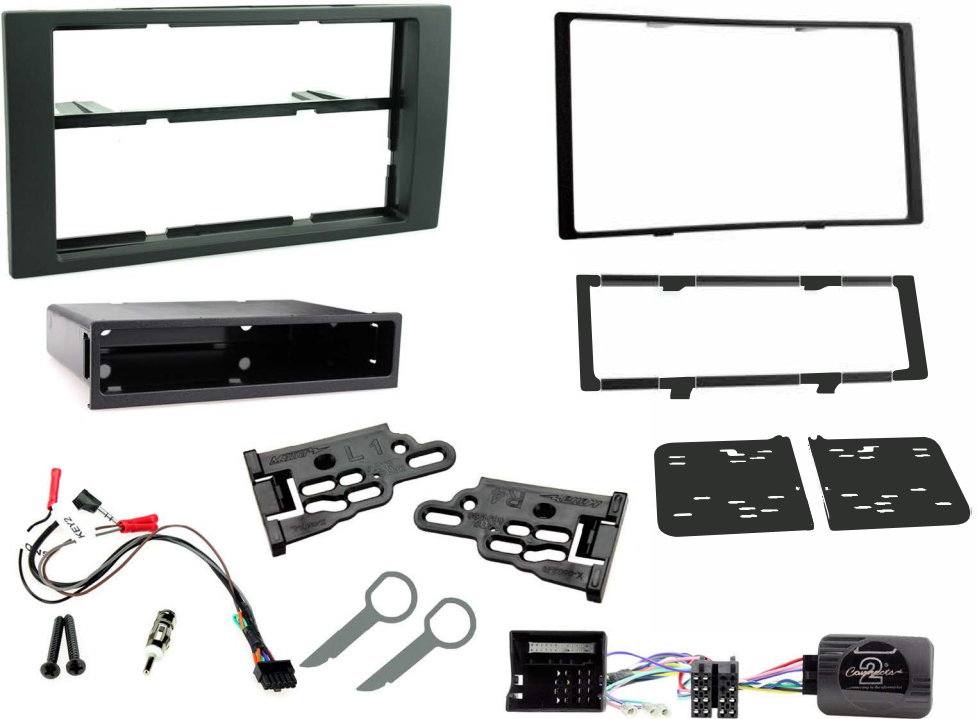


THE COMPLETE INSTALLATION KIT FORD

CTKFD21



This Kit Contains:
Black Fascia Panel & Pocket
CAN-Bus Steering Wheel Control Interface
Antenna Adapter
Universal Patch Lead
Stereo Release Keys

www.connects2.com



The CTKFD21 Complete Installation Kit from Connects2 allows for the installation of a single DIN aftermarket stereo with pocket, or double DIN aftermarket stereo whilst retaining the vehicle's antenna connection and steering wheel control functionality.

NB: Steering wheel control interface only compatible with vehicles without 12V ignition feed in harness

CONTENTS

PREPARATION	Page 3
KIT ASSEMBLY - PRELIMINARY	Page 4
PREPARING THE PATCH LEAD	Page 5
INSTALLING THE SWC INTERFACE	Page 6
WIRING COLOUR CODES	Page 7
SWC CONFIGURATION	Page 7
KIT ASSEMBLY - FINAL INSTALLATION	Page 8

APPLICATION

Ford

C Max	2003 - 2010
Fiesta	2005 - 2008
Fusion	2005 - 2012
Galaxy	2006>
Kuga	2008 - 2012
S Max	2006>
Transit	2006 - 2013
Transit Connect	2006 - 2013

For Ford vehicles with Quadlock connector

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, push the included release keys into the stereo at the points shown in the image to disengage the clips (Fig. A).



- 2 Next, pull out the stereo and disconnect all wiring. Remove the two (2) 7mm screws from behind the stereo on the right and left hand sides of the sub-dash (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"

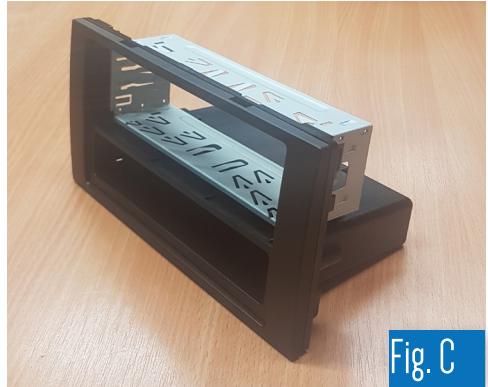


KIT ASSEMBLY - PRELIMINARY

FOR SINGLE DIN INSTALLATION

3a Push the DIN cage into the top opening of the fascia panel and bend the locking tabs down to secure it in place. For ISO installation, use the two (2) ISO brackets included in the kit and secure them to the right and left sides of the stereo using the screws supplied with the stereo

4a Push the pocket into the bottom opening of the fascia panel (**Fig. C**)



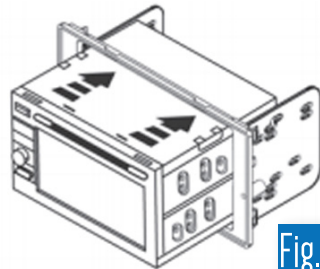
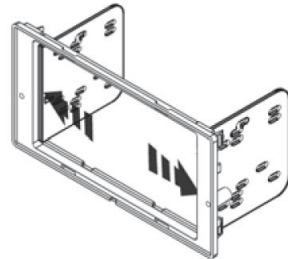
5a Push the single DIN stereo into the cage until it clips into place

FOR DOUBLE DIN INSTALLATION

3b Cut and remove the central bar from the fascia panel

4b Snap the two square plastic brackets to the inside edges of the fascia panel (**Fig. D**).

5b Push the double DIN head unit into the fascia and bracket assembly and use a screwdriver to fix it into place using the screws supplied with the stereo



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

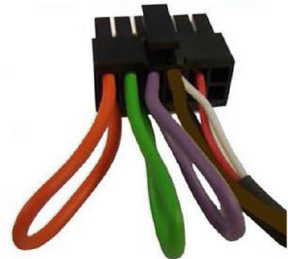
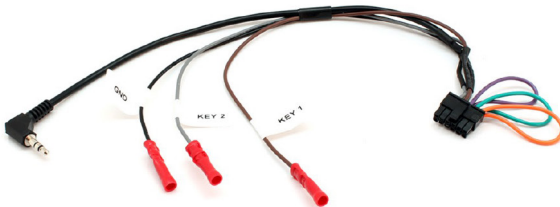
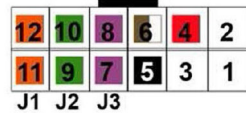
Pin 1	Description
1	Reserved
2	Reserved
3	Reserved
4	Analog 2 Swc
5	GND Swc
6	Analog 1 Swc
7	Link J3
8	Link J3
9	Link J2
10	Link J2
11	Link J1
12	Link J1

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

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

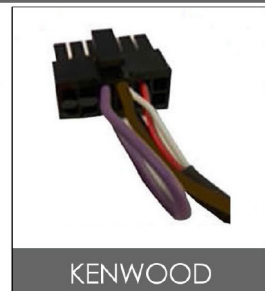
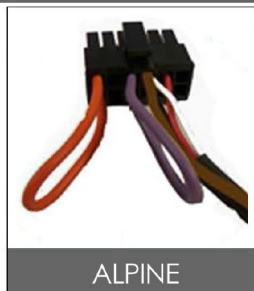
Example 2: Kenwood - Remove Link J1 and J2, use the wire connector to Radio.

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.



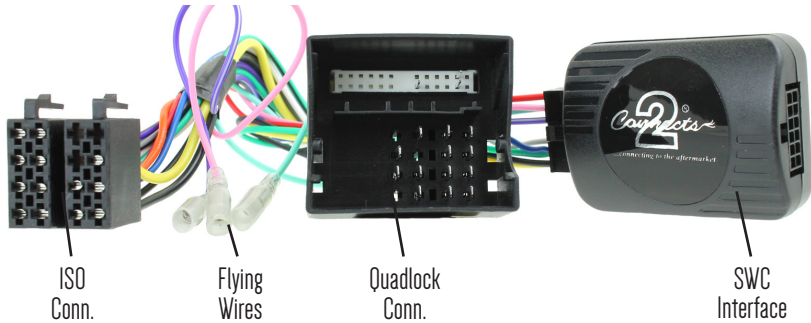
NB: When cutting loops on the CTMULTILEAD.2, please ensure that the bare wire ends are insulated

Examples:

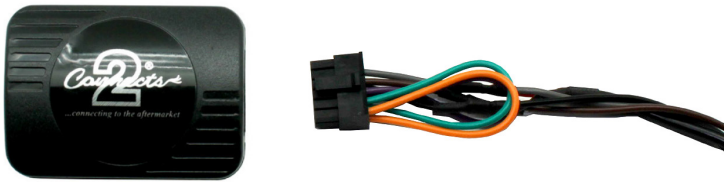


INSTALLING THE STEERING WHEEL CONTROL INTERFACE

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.



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



- 7** 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.

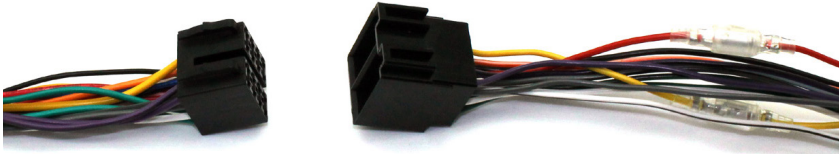


- 8** Connect the 14 Pin black connector of the main wiring loom to the interface



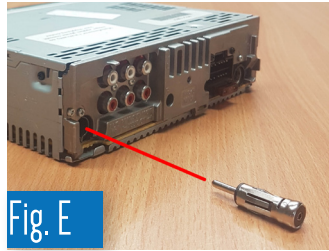
9

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.



10

Next, connect the vehicle's ISO antenna connection to the antenna adapter, and push the antenna adapter into the DIN connector on the back of the new stereo (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
VOLUME +	VOLUME +
VOLUME -	VOLUME -
TRACK +	TRACK +
TRACK -	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.

11 Place the single or double DIN stereo and fascia assembly into the dashboard and secure it in place using the the supplied screws.

12 Once in place, clip the trim panel around the stereo and reassemble all other components in reverse order of disassembly to complete the installation (**Fig F**).

