

# Flying Spares

## BENTLEY HEAD UNIT REPLACEMENT KIT – INSTALLATION MANUAL (INFOTAINMENTINS)



***DO NOT ATTEMPT TO FIT THIS UNIT  
UNTIL YOU HAVE READ THE  
INSTALLATION MANUAL***

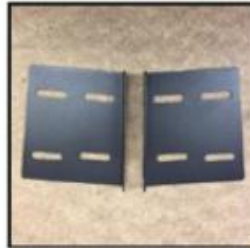
## **OVERVIEW**

The Bentley Head Unit Replacement Kit allows you to install any (double din) aftermarket head unit into Bentley GT / GTC / SPUR 2004-2011. Everything you need to install the aftermarket head unit is contained within this kit.

## **KIT CONTENTS**



Main Unit



L-Brackets



Power harness



Audio Harness



Acc power harness



Fixings



Antenna Booster



Audio isolator

## **TOOLS REQUIRED**



Torx T20



Trim Remover



Removal Keys A



Removal Keys B



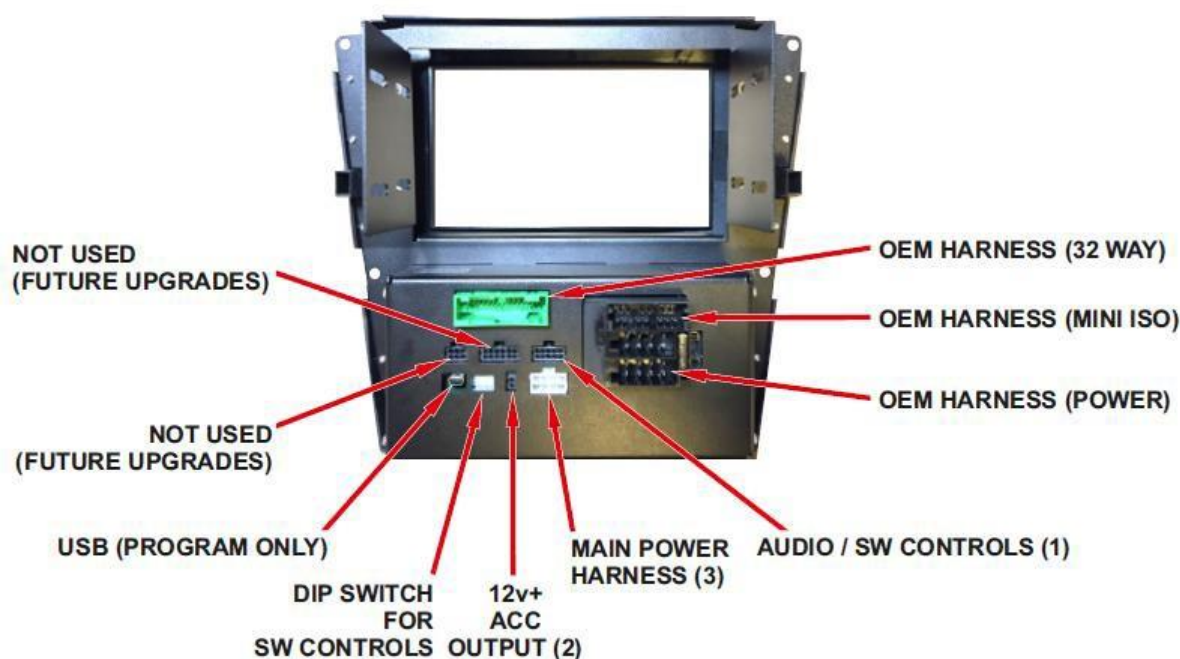
Right angle pick

## INSTALLATION

### IMPORTANT NOTE:

**The original Navigation, CD changer and the Telephone kit must be disconnected (details shown in the following pages).**

### REAR OF MAIN UNIT



#### AUDIO / SW CONTROLS (1)

PIN	COLOUR	FUNCTION
1	WHITE 3.5mm JACK	STEERING WHEEL (Signal)
2	BLACK 3.5mm JACK	STEERING WHEEL (Shield)
4	WHITE	AUDIO SIGNAL (L)
5	RED	AUDIO SIGNAL (R)
6	BLUE	STEERING WHEEL (Signal)
9	BLACK	AUDIO GND
10	BLACK	AUDIO GND

**NOTE:**  
Both the 3.5mm jack plug and the BLUE wire are used for steering wheel remote. Please see page 4 for usage.

#### 12v+ ACC OUTPUT (2)

PIN	COLOUR	FUNCTION
1	RED	12v+ ACC (OUT)
2	BLACK	GND

**NOTE:**  
12v+ ACC (OUT)  
MAX CURRENT DRAW 1AMP  
(ideal for powering after market rear camera)

#### MAIN POWER HARNESS (3)

PIN	COLOUR	FUNCTION
1	YELLOW	12v+ PERM
2	ORANGE	ILLUMINATION (OUT)
3	PURPLE/WHITE	REVERSE 12v+ (OUT)
4	BLUE	REMOTE 12v+ (OUT)
5	BLACK	GND
6	GREEN	Park Brake (OUT)
7	RED	12v+ ACC
8	PINK	SPEED PULSE (VSS)



# CONNECTIONS

## IMPORTANT NOTE:

After all the connections are made and the Bentley Head Unit Replacement is powered up, remove the key ensuring all doors, boot and bonnet are closed. Also ensure the lights are off. Lock the car wait until the cluster goes to sleep and allow an extra minute for the CAN to go to sleep. Now unlock as normal and the Bentley Head Unit Replacement panel is now ready to use.

Plug in all the connections from the Bentley Head Unit Replacement to your aftermarket head unit using the supplied harnesses.



### STEERING WHEEL CONTROLS

Set the dip switches for the steering wheel control as below:

#### NOTE:

The 3.5mm jack labelled steering wheel control is for ALPINE, PIONEER and JVC units. The BLUE WIRE labelled Steering wheel control in the AUDIO / SW CONTROLS harness is for KENWOOD units.

### STEERING WHEEL CONTROLS

Set the dip switches for the steering wheel control as below:



#### NOTE:

Please ensure accurate line-up of the after market head unit into fascia using supplied L-brackets and screws (as certain models have motorised front panels)



**Take trim  
remover and  
pry the  
speaker grill  
up and  
remove**



**Take hold of  
the trim panel  
and pull from  
the top and  
the bottom to  
remove**



**Lift trim  
panel and  
disconnect  
the black  
connector**

**Remove  
the 5  
screws  
(t20 torx)  
as  
shown in  
photo**





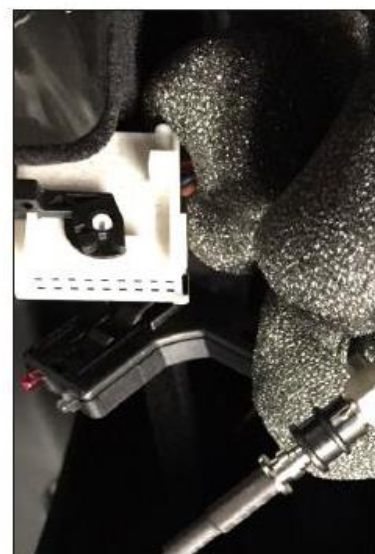
**Carefully  
remove the  
Bentley head  
unit**



**Disconnect  
all  
connections  
to factory  
radio and  
remove from  
car.**



**Disconnect  
the  
Navigation  
CD drive in  
the glovebox.**



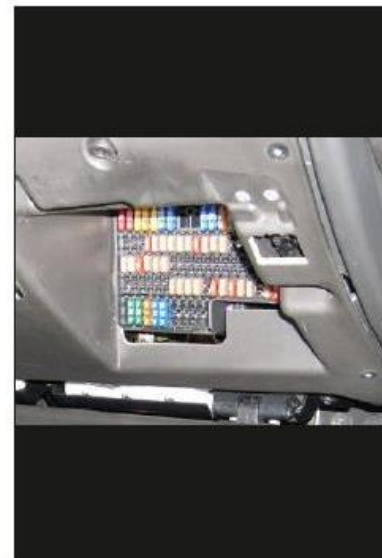




**Disconnect  
the CD  
Changer in  
the glovebox.**



**Remove the fuse  
for the phone  
module. Locate  
the fuse board in  
the driver side  
foot well**



**Remove the 5 amp  
fuse in location 28  
for the phone  
module**





Remove the navigation drive and the CD changer to make it easier to run the supplied GPS extension lead.



Connect the supplied GPS extension lead to the OEM GPS socket behind the CD navigation drive

AM/FM radio connections



Fibre optic connector



Cable assembly





**Remove the 4 x trim clip from original ZAB unit and clip into the supplied fascia**



**For the after market microphone and possible DAB antenna (GT / SPUR) remove the A pillar trim**



**Pry back trim next to door seal and use a feeder cable to get through to the glove box**





To remove the roof console you will require a right angled pick. Gently pry the OEM mic and alarm sensor out of the consol and remove the 2 x t20 torx screws behind, then pull down console.



On GT / SPUR there are only certain locations where you can put the DAB antenna as the glass in the car is polarised and will affect reception. Top of the front screen is not polarised.





**Once you have completed all the above, refit the trim panel and test to ensure all functions.**

### **OPERATION**

For full details on the operation of the Bentley Head Unit Replacement Kit fascia panel, please consult the USER GUIDE.

### **TROUBLESHOOTING**

Q. Steering wheel controls don't work.

A. Please check the dip switches are set correctly for your chosen head unit.

Q. The Bentley Head Unit Replacement panel is not functioning correctly after initial install.

A. Please see "important note" on page 4.

Q. No GPS reception on aftermarket unit.

A. Check connection of the GPS extension lead (supplied in the kit).

Q. The LCD screen keeps turning off.

A. Check to see if the LCD delay is turned on.

Q. Unwanted noise at low level.

A. Please check if the audio isolator has been fitted (certain units may need this).

Q. The AM / FM is very poor.

A. Check that the antenna amplifier is fitted correctly to the WHITE Fakra plug and there is 12v+ on the blue wire going to the antenna amplifier.

Q. Where will I find the fuse for the Bentley Head Unit Replacement in the car.

A. Main fusebox under the driver side foot well FUSE 18 (10 amp)

Q. Can I retain the OEM reverse camera.

A. Yes, you will require an optional part Bentley Head Unit Replacement -OEMCAM (available from end Jan 2017)



**NOTE:**

**After the Bentley Head Unit Replacement panel has been fitted, and due to the fact that certain components have been disconnected, it will cause a fault code to be generated on the ODIS or VAGCOM diagnostic software systems.**

**Please ignore fault codes relating to (J523) / (J401) / (J412)**