

# NAV-TV

INTERFACING THE FUTURE  
3950 NW 120th Ave, Coral Springs, FL 33065 TEL 561-955-9770 FAX 561-955-9760

NTV-DOC272

JH

(rev 1.4)

09/12/19

## BENTLEY-HUR

### NTV-KIT783

Select Bentley head-unit replacement kit



***DO NOT ATTEMPT TO FIT THE  
BENTLEY-HUR UNTIL YOU HAVE  
READ THE INSTALL MANUAL***

## Overview

The BENTLEY-HUR allows you to install any (double din) after market head unit into Bentley GT / GTC / SPUR 2004-2011. Everything you need to install the after market head unit is contained within this kit.

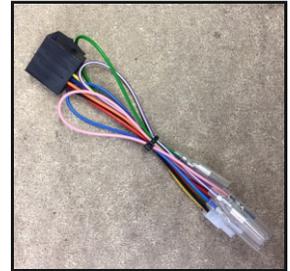
## Kit Content



Main Unit



L-Brackets



Power harness\*

*\*NOTE: For U.S. installations, cut off black plug on this harness and hardwire to radio (if still present)*



Audio Harness



Acc power harness



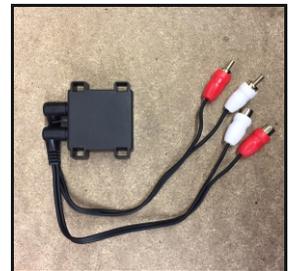
Mounting Screws



Antenna Booster



GPS cable

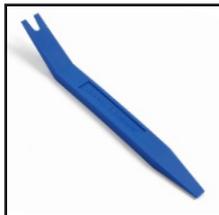


Audio isolator

## Tools required



Torx T20



Trim Remover



Removal Keys A



Removal Keys B

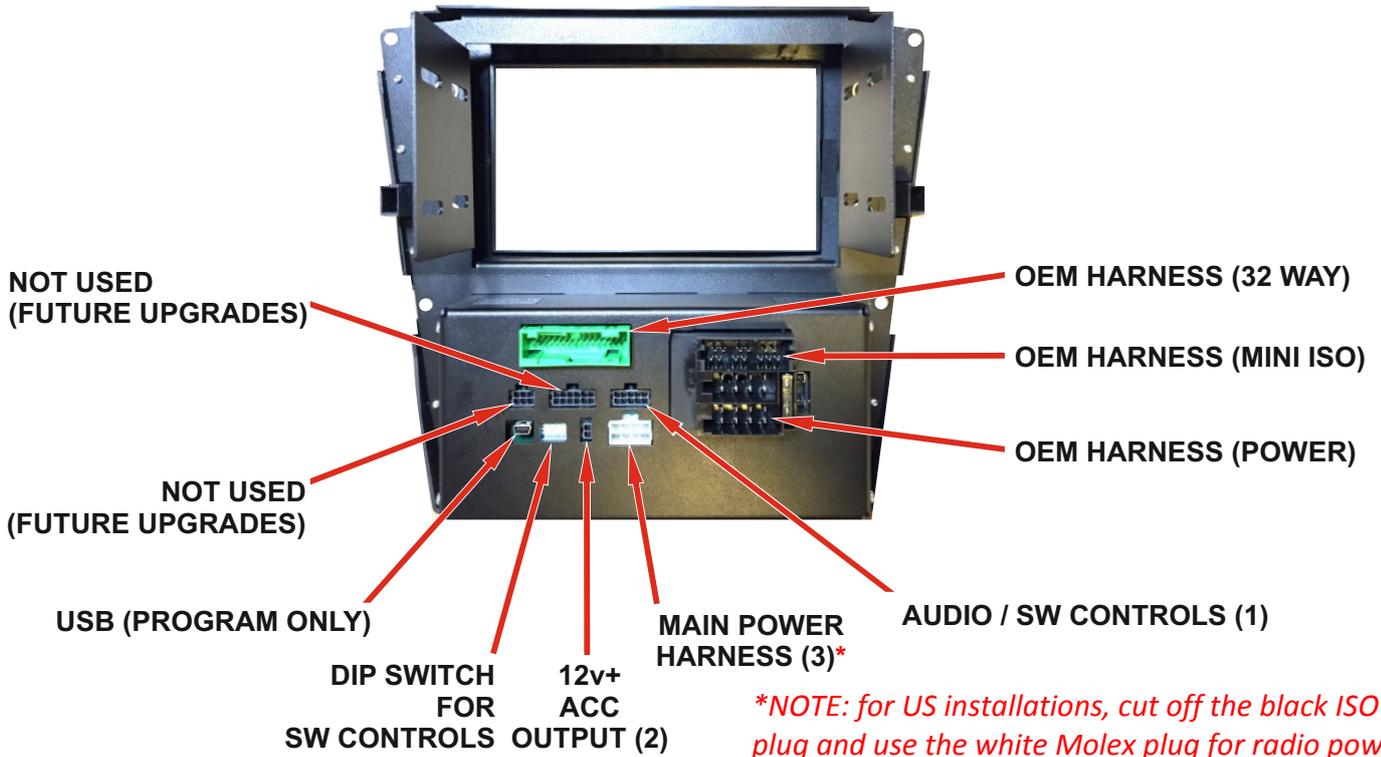


Right angle pick

**IMPORTANT NOTE:**

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

**REAR OF MAIN UNIT**



*\*NOTE: for US installations, cut off the black ISO plug and use the white Molex plug for radio power connections.*

**AUDIO / SW CONTROLS (1)**

PIN	COLOR	FUNCTION
1	WHITE 3.5mm JACK	STEERING WHEEL (Signal)
2	BLACK 3.5mm JACK	STEERING WHEEL (Shield)
4	WHITE	FRONT RCA AUDIO SIGNAL (L) (connect to RCA out on radio)
5	RED	FRONT RCA AUDIO SIGNAL (R) (connect to RCA out on radio)
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 IN
5	BLACK	GND
6	GREEN	Park Brake (OUT)
7	RED	12v+ ACC
8	PINK	SPEED PULSE (VSS)

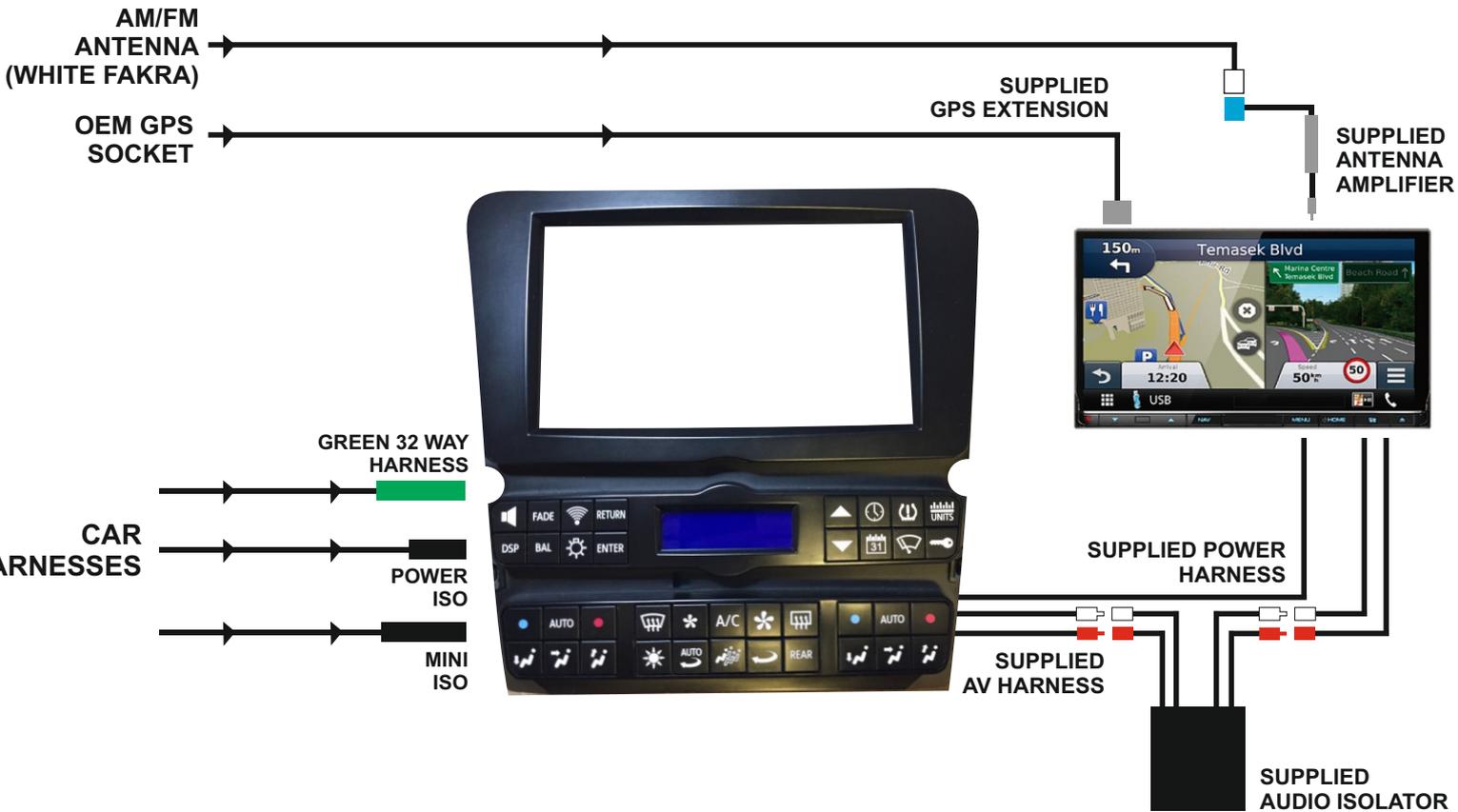
*\*NOTE: Do NOT power anything aside from the radio with this harness! To use our ACC output, trigger a relay with the (red) wire from Harness(2).*

## CONNECTIONS

### IMPORTANT NOTE:

After all the connections are made and the BENTLEY-HUR 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-HUR panel is now ready to use.

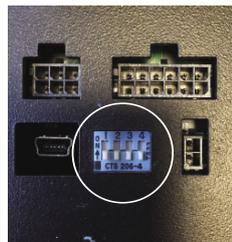
Make all connections from the BENTLEY-HUR to your aftermarket head-unit using the supplied harnesses.



**NOTE:**  
ONLY NEEDED ON CERTAIN HEAD 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)

**NOTE 2:**

Note: Due to the overwhelming amount of different radio models, there is no way to verify steering wheel control compatibility for any specific radio model, though most radio models are compatible.

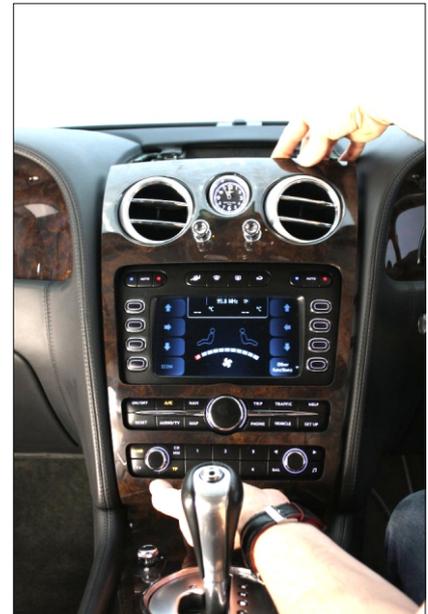
Installation



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



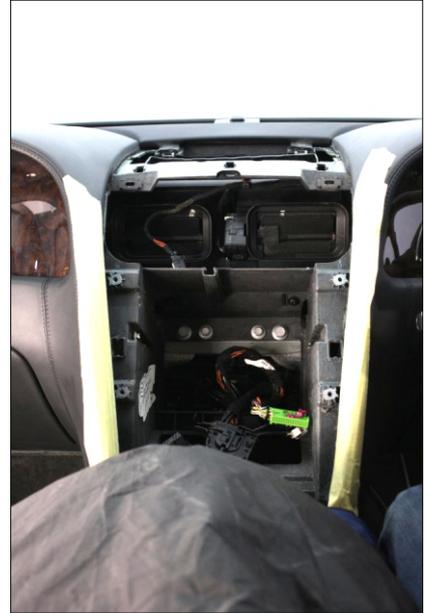
## Installation



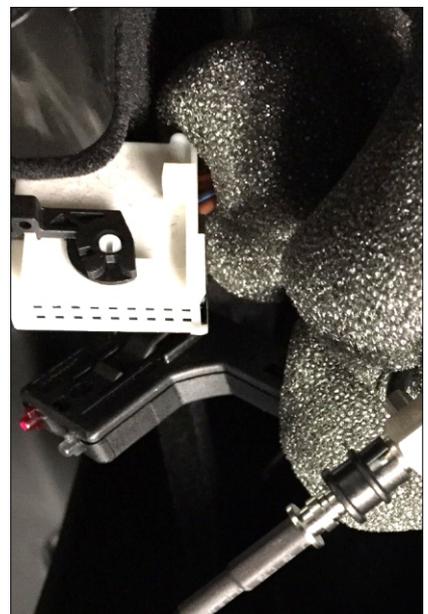
**Carefully  
remove the  
Bentley head  
unit**



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



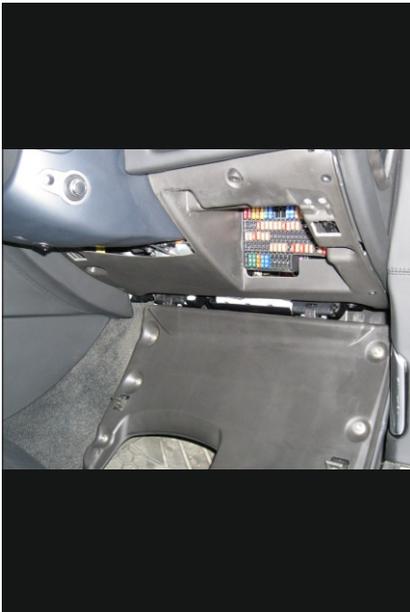
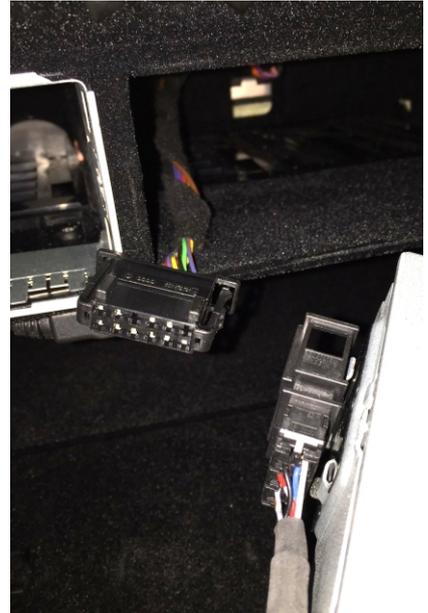
**Disconnect the  
Navigation CD  
drive in the  
glovebox.**



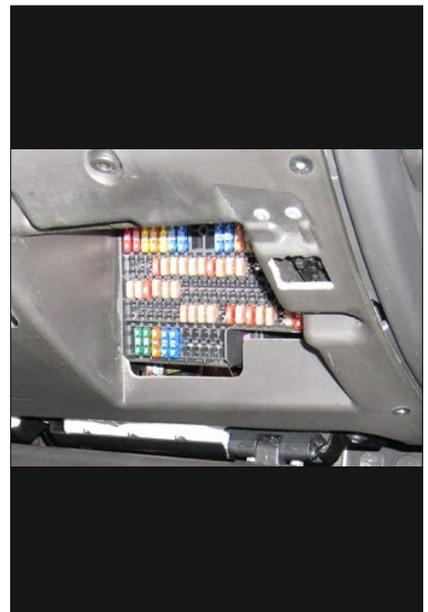
## Installation



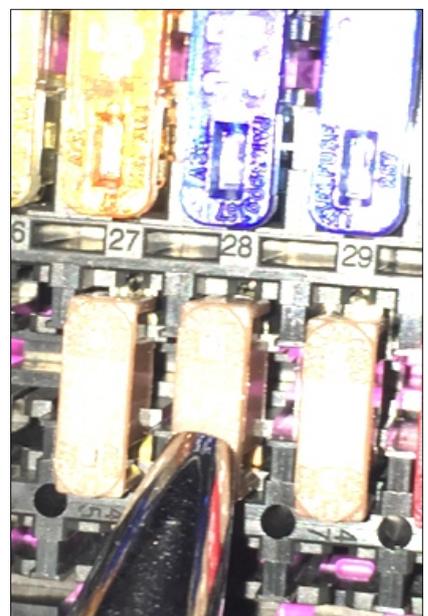
**Disconnect  
the CD  
Changer in  
the glovebox.**

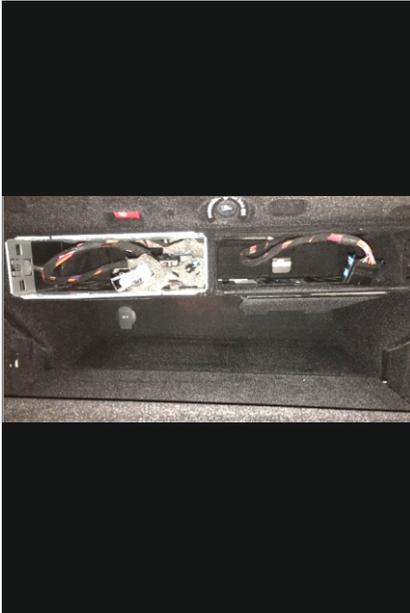


**Remove the fuse  
for the phone  
module. Locate  
the fuse board in  
the driver side  
foot well**



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

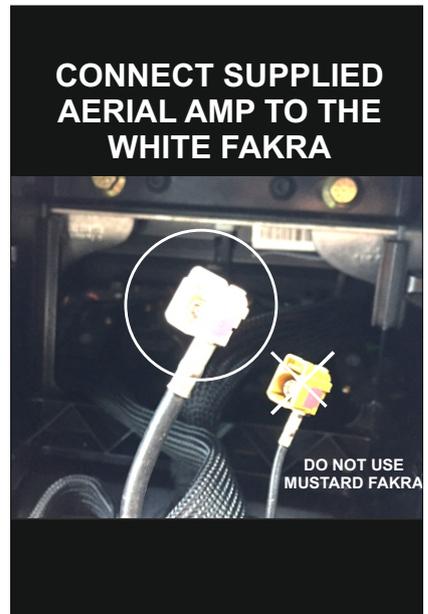




Remove the navigation drive and the CD changer to make it easier to run the supplied GPS extension lead.



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



CONNECT SUPPLIED AERIAL AMP TO THE WHITE FAKRA

DO NOT USE MUSTARD FAKRA

AM/FM radio connections



Fibre optic connector

DO NOT USE FIBRE (D2B)



REMOVE AND DISCARD THE PLASTIC CABLE ASSEMBLY

Cable assembly

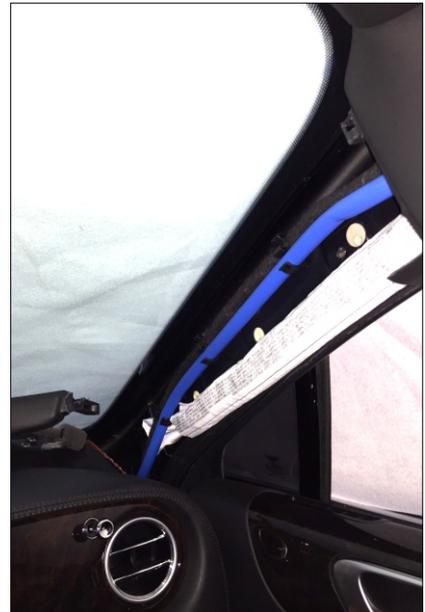
## Installation



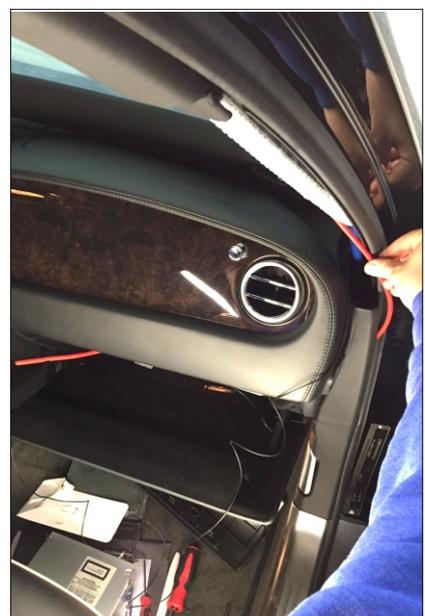
**Remove the 4 x trim clip from original ZAB unit and clip into the supplied fascia**



**For the after market microphone and possible DAB antenna (GT / SPUR: N/A for US vehicles) remove the A pillar trim**



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

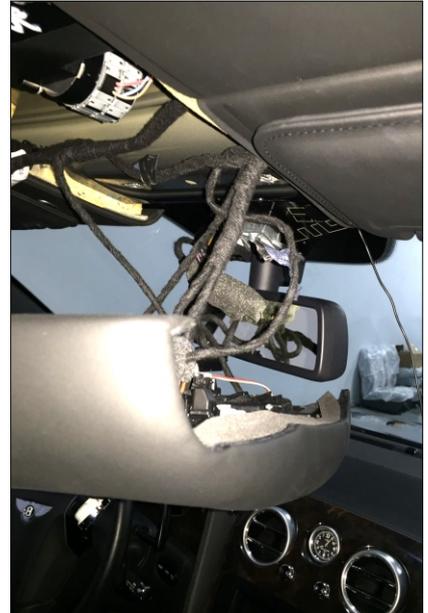


## Installation



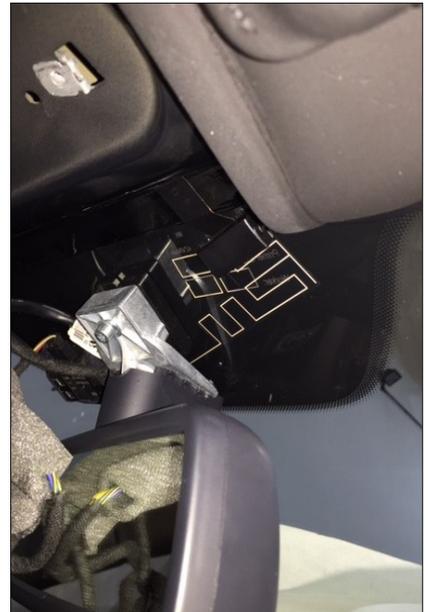
### Non-US vehicles only:

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



### Non-US vehicles only:

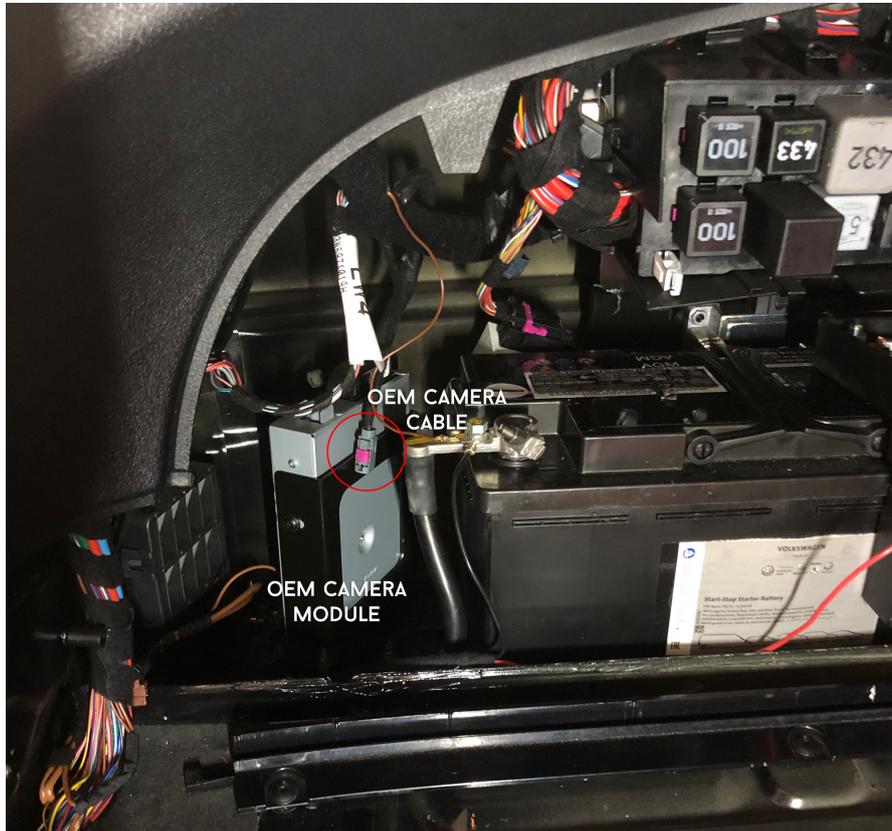
On GT / SPUR there are only certain locations where you can put the DAB antenna as the glass in the car is polarised and will affect reception. Top of the front screen is not polarised.



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

**NOTE:** to adjust factory clock post install, the vehicle must be **RUNNING**.

If this vehicle was equipped with an OEM reverse camera and you'd like to retain it, locate the camera module (rear quarter near battery), disconnect the (gray) FAKRA connector, and extend this cable to the front with an RCA. The proper cables for an easy connection are available from NAV-TV, contact your sales representative for more information.



***For full details on the operation of the BENTLEY-HUR 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-HUR panel is not functioning correctly after initial install.  
A. Please see "important note" on page 4.
- Q. No GPS reception on after market 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-HUR 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 BEN-HUR-OEMCAM (**available from end Jan 2017**)
- Q. Can I retain the OEM TV tuner?  
A. Yes, this can be controlled via the BENTLEY-HUR panel (**available from end Jan 2017**)

***For technical support please call 1-866-477-3336 Please ensure you have followed the install manual before calling***

**NOTE:**

After the BENTLEY-HUR 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)**