

14/05/2012 Version 1
Volkswagen, SEAT, SKODA Vehicles

Volkswagen - ZGB 000 035 520A
SEAT – ZGB 000 035 522A
Skoda – ZGB 000 035 523A

iPod Lead – ZBG 000 035 521

Volkswagen, SEAT, SKODA Vehicles

7" Wide VGA 2-DIN Digital Radio, Navigation System



KENWOOD

System Specification.

Monitor

Monitor Size 7 inch (Diagonal) (156.6 x 81.6mm (WxH)) VGA TFT active matrix display with LED backlight

Navigation

Built-in Garmin Navigation Board

DVD

D/A Converter 24 Bit
Audio Decoder Linear PCM/Dolby Digital / dts/ MP3/WMA/AAC
Video Decoder MPEG1/MPEG2/DivX

Bluetooth

Hands-free Profile
Audio Profile

USB

USB Standard USB 2.0 Full Speed
File System FAT 16/32
Audio Decoder MP3/WMA/AAC/WAV
Video Decoder MPEG1/MPEG2/DivX

Radio

Digital Radio Features:

- 15 presets (5Ch x 3 band)
- Alphabet search
- Intelligent seek
- DAB – DAB+ / DAB - FM auto switch

Tuner Features:

- 24 (18 FM, 3LW/3MW) presets memory

Audio

Max Output Power 50W x 4

Kit Contents



1X DNX521DAB
1X Bluetooth microphone
1X GPS Antenna
1X Kenwood connector/steering wheel interface
1X FM Aerial lead
1X Glass Mount Digital antenna

GPS Mat, 2X Cable Ties, Suppressor, Padded Foam (These parts will not be used)

Instruction Manuals – Please recycle all non-UK language books

Pre-Install Checks

1. Check all parts are present
2. Check dash fascia is correct (if required)
3. Some vehicle models require an additional fascia adaptor.
4. Refer to ELSA for all Volkswagen Group workshop information
5. Always route wiring with existing vehicle harnesses and avoid sharp edges or chaffing point. Keep any harness or microphone leads away from curtain air bags

General Note

Disconnect the negative pole of the vehicle battery

Technical Helpline

Open Monday-Friday 9am to 5pm

Phone: 01923 655261

Fax: 01923 212477

E-mail: annette.cracknell@kenwood-electronics.co.uk

Installation of DAB Antenna

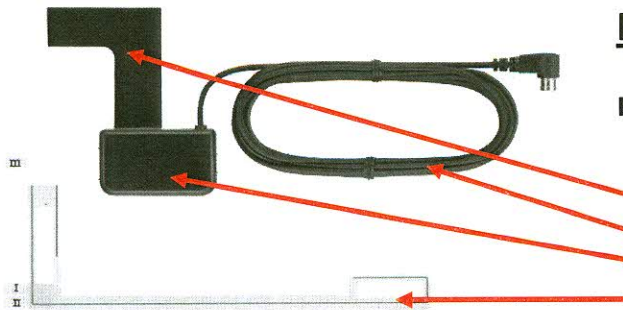


Fig.1 Earth sheet

- Antenna lead
- Amplifier
- Antenna film
- 1 x Cleaner (Not shown)

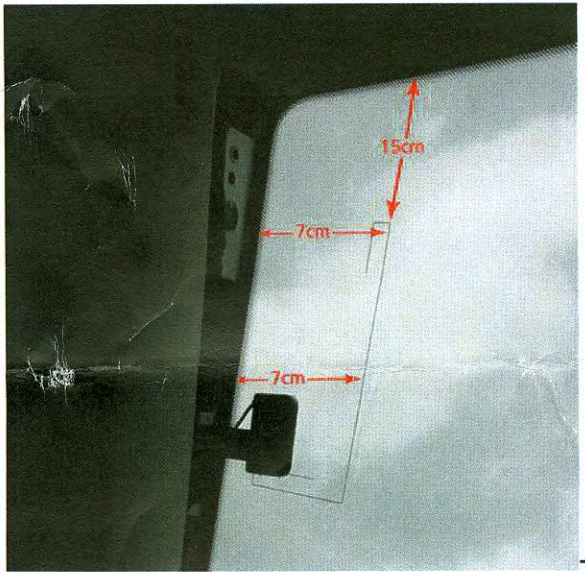
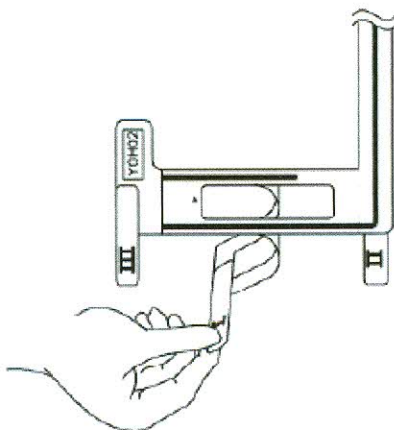


Fig.2

Image of DAB Antenna Fitted

The antenna should be located on the passenger side of the front windscreen. Ensure that there is a 15cm gap at the top of the antenna film and a 7cm gap from the side of the windscreen to the vertical strip of the antenna film as shown in fig2.



Fitting Information

Fig.3

Wipe the inside of the windscreen where the antenna film and the antenna earth and amplifier are to be located with the cleaner.

Note: If the glass is cold you will need to warm the glass by using the cars heater. This will ensure a good adhesion.

Make sure that the glass surface is completely dry before mounting the antenna film.

Remove Tag I on the antenna film and stick the lower horizontal section of the antenna film to the windscreen. Ensure you have left a 15cm gap at the top and 7cm gap to the side.

Note: Remove the backing gently and do not touch the sticky side of the horizontal section of the antenna film

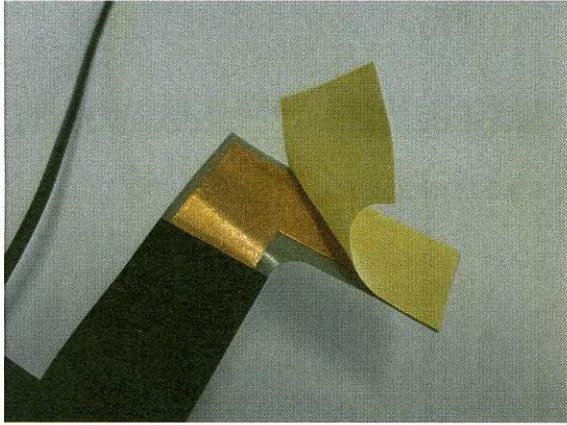


Fig.4

Remove the yellow backing from the earth tab on the amplifier and stick this to the metal of the A pillar.

Notes:

- You will need to remove the A pillar trim before sticking
- You **DO NOT** need to remove any paint for the earth contact to work

Fig.5

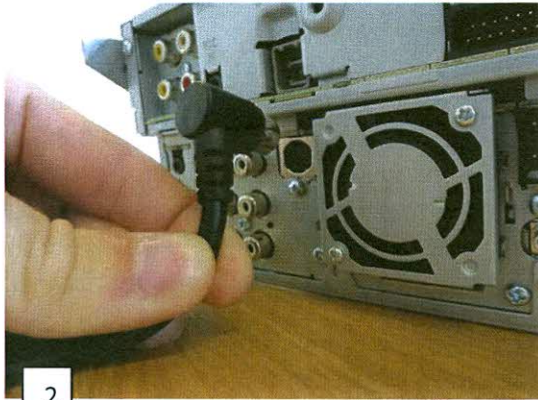
Route the antenna lead down the A pillar and into the dashboard to the Kenwood unit. Ensure not to trap any leads and cable tie as you go.



Stereo Installation

Step 1.

Remove the existing audio system. Refer to ELSA Volkswagen Group electronic workshop manuals



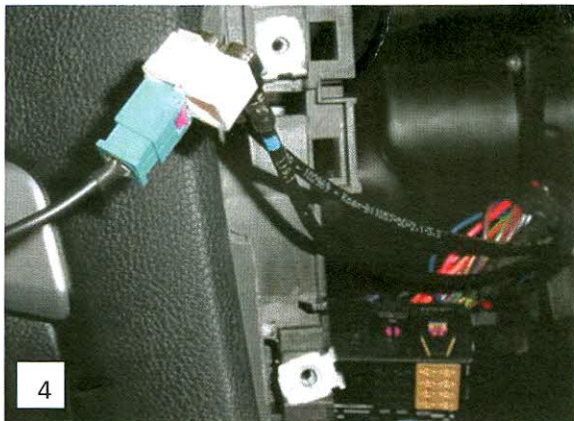
Step 2.

Please connect the Black plug from the Kenwood connector/Steering wheel interface, direct into the Kenwood unit.



Step 3.

Connect the Kenwood installation harness and steering wheel interface to the vehicle radio harness connector



Step 4.

Connect aerial connector as shown using vehicle antenna connector



Step 5.
Connect the GPS antenna

GPS Location: In some vehicle models there is a place for a GPS antenna usually located behind the audio system. Ideally the GPS antenna should be mounted onto a metal surface, so use the supplied metal mounting plate if necessary and there should be no metal between the antenna and the sky.

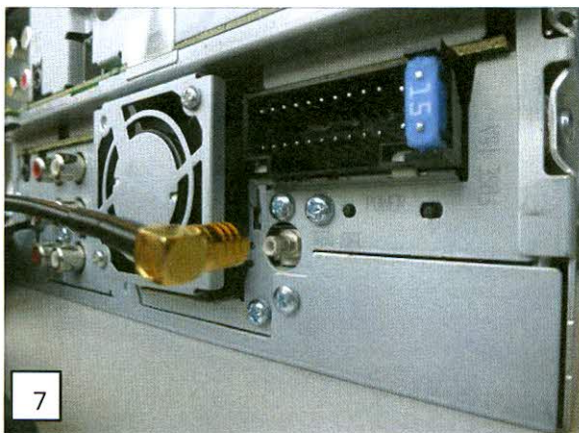
In the absence of a dedicated mounting position, please attach the GPS antenna (magnetic) to the top of the Kenwood unit as shown.



Step 6.

Install the Bluetooth microphone on the driver's side A pillar as shown and feed cable through to centre console. Connect microphone to microphone socket marked at rear of Kenwood unit.

Ensure microphone lead follows existing vehicle harness and is positioned behind curtain air bag



Step 7.

Ensure you connect the Digital radio antenna lead.



Step 8.

Re-connect battery and refit audio unit back into dash aperture, switch on unit and carry out quick set up as in quick set up guide, test all vehicle functions.

Ipod lead installation – ZBG 000 035 521 IF FITTED

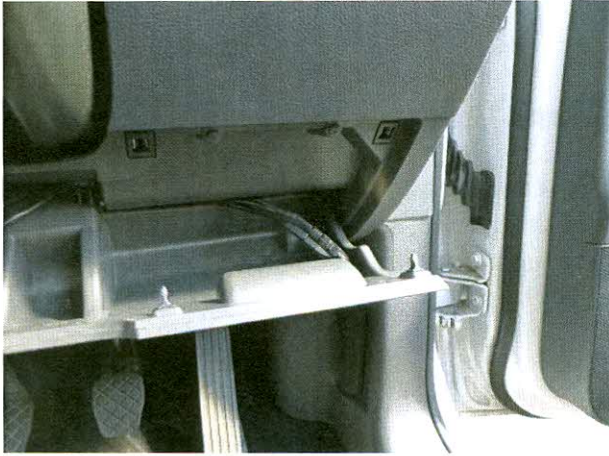


*Make sure both Ipod lead and USB are accessible! (USB lead is required for USB music playback and any software updates.

Run USB and ipod lead into Glove box or tray



Fitted neatly in Glove Box



IPOD lead into drivers side tray

If the car has a sealed glove box please run USB and

FAQ SECTION:

No power –

Make sure ignition key is turned to first position to switch on unit
Try reset – reset button located just above volume knob

No GPS –

Check GPS antenna is connected and that the cable is not damaged
Make sure there is no metal covering the GPS antenna

No Radio reception –

Make sure car's antenna is connected using the supplied antenna adapter lead

Bluetooth, out-going voice not heard by caller –

Check microphone is plugged in and lead is not damaged

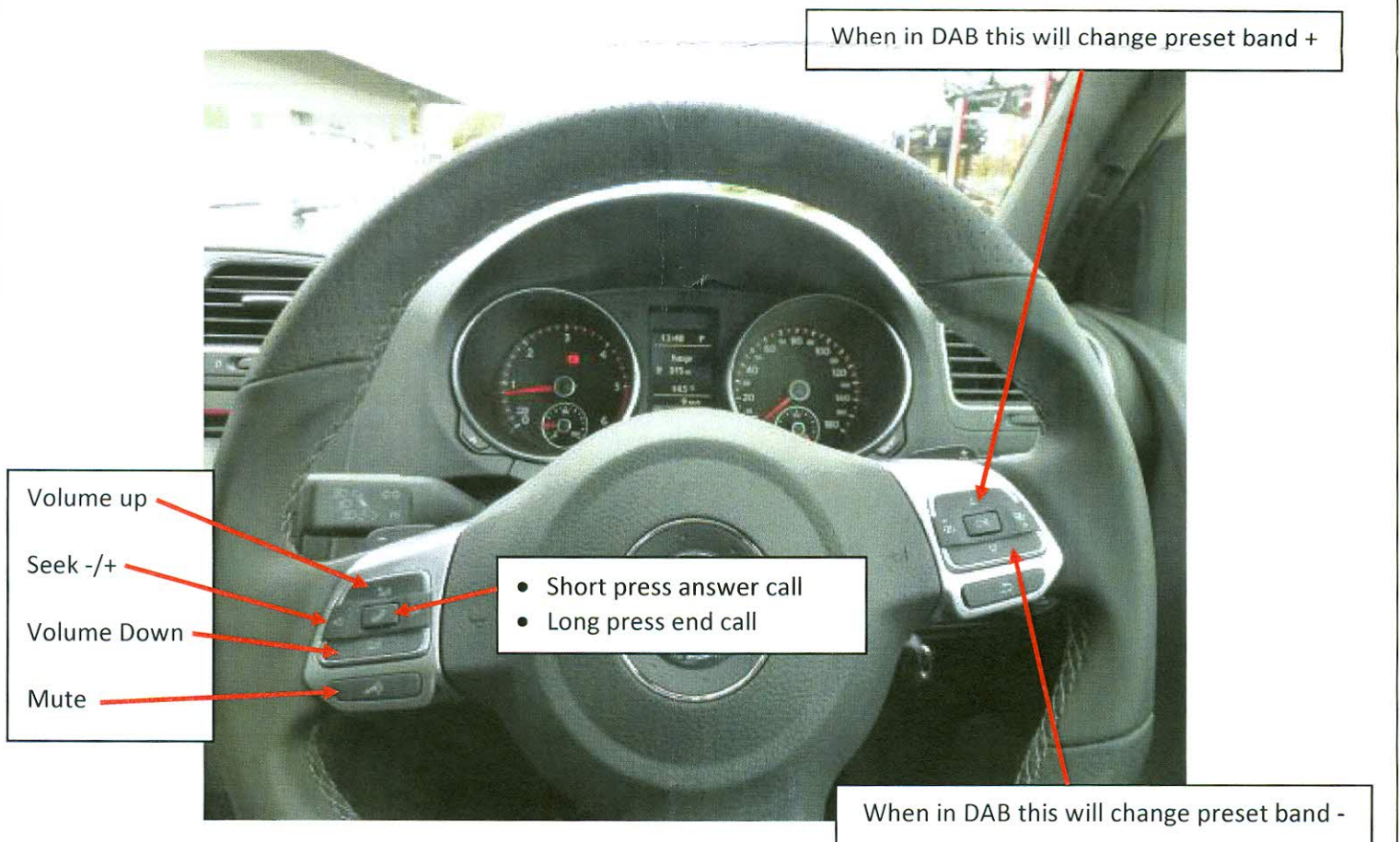
Cannot get picture from DVD or iPod –

For safety reasons, it is only possible to see DVD or iPod picture when the parking brake is applied

General Notes for Vehicles



- For these features below you need to select audio on the display. Note this is a new feature!
- Radio station name will be displayed here, iPod track name etc.
- Please note this is only compatible with cars with white or colour MFD
- This will not work with RED display



When in DAB this will change preset band +

Volume up

Seek -/+

Volume Down

Mute

- Short press answer call
- Long press end call

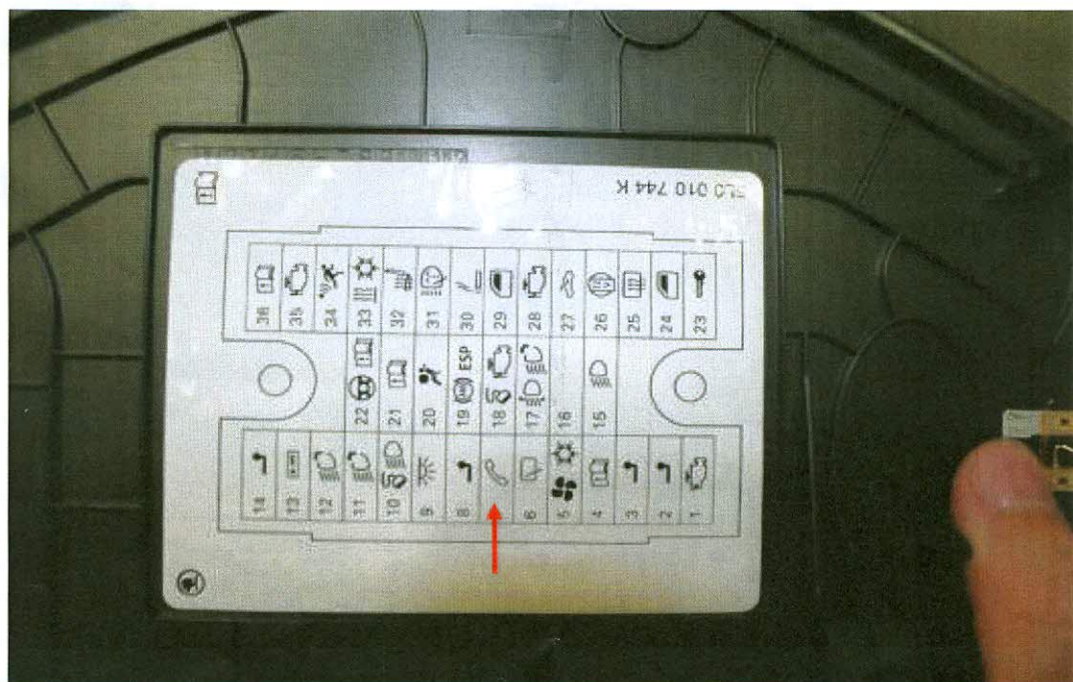
When in DAB this will change preset band -

For cars fitted with factory fit Bluetooth

This feature will be lost and Bluetooth will now operate through the Kenwood system.
This display will stay



This display will be seen by pressing the phone button on the steering wheel when in audio mode. To remove the display you will need to take out the telephone fuse.

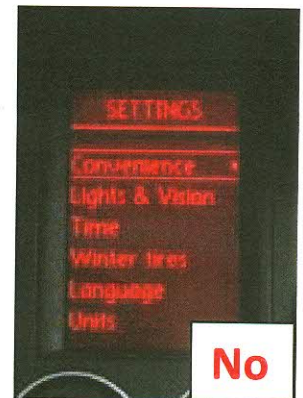
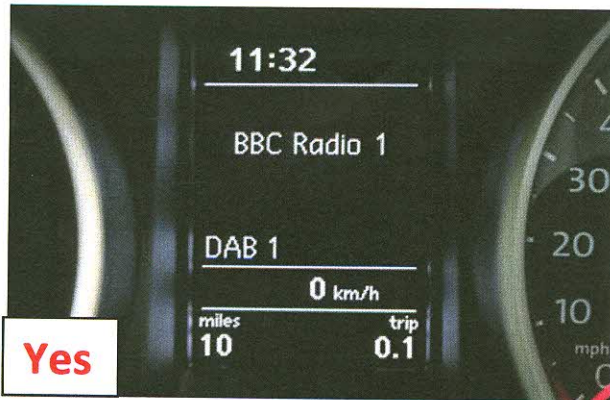


If the car is fitted with Bluetooth button in roof lining, once Kenwood is fitted this does not work



With Standard factory fit iPod/USB and AUX socket will all be redundant once the Kenwood unit is fitted

These following features will only work with cars with white or colour MFD

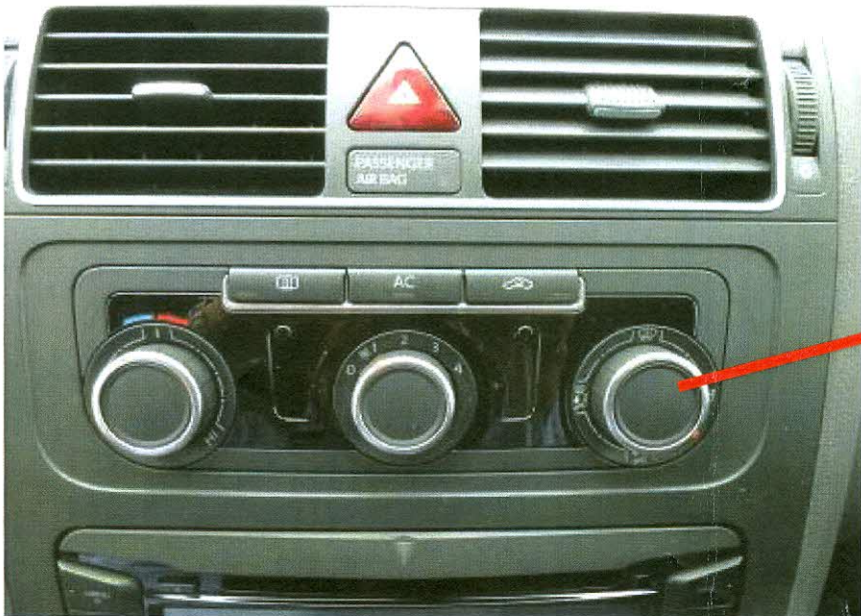


For cars fitted with factory fitted reversing/front sensors this will now be displayed automatically on the Kenwood Display.

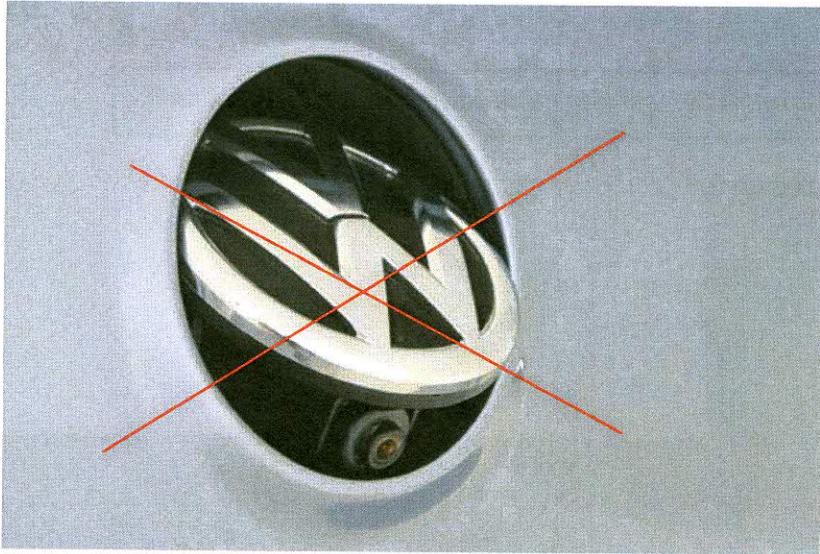


Note: When the display comes up the audio of the radio will mute.

For cars fitted with 2zone electronic climate control this will also be displayed on the Kenwood unit



No Display



**For cars fitted with
reverse camera from
factory, this will NOT be
able to be displayed
from the Kenwood
System**