

# FOCAL/RENAULT

INSTALLATION OF LIVE / PREMIUM KITS FOR RENAULT  
Sandero II – January 2017



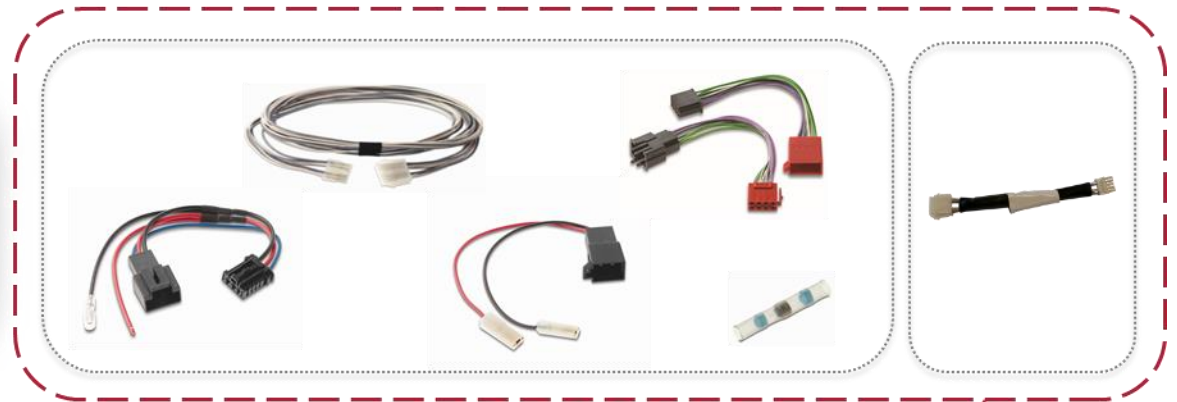
# RECOMMENDATIONS BEFORE INSTALLATION

---

- Reset all car radio audio settings:
  - Ambience = Natural
  - Bass / Midrange / Treble settings = 0
  - Loudness = OFF
  - Fader and Balance = Centred
- The speaker drivers require a break-in period (approximately 20 hours) before they reach optimal sound quality.  
After this break-in period, you can fine-tune the audio settings as you please.

# I. UNBOXING AND LOCATION OF PARTS

IFRA165-4.1



User manual



IBUS 2.1

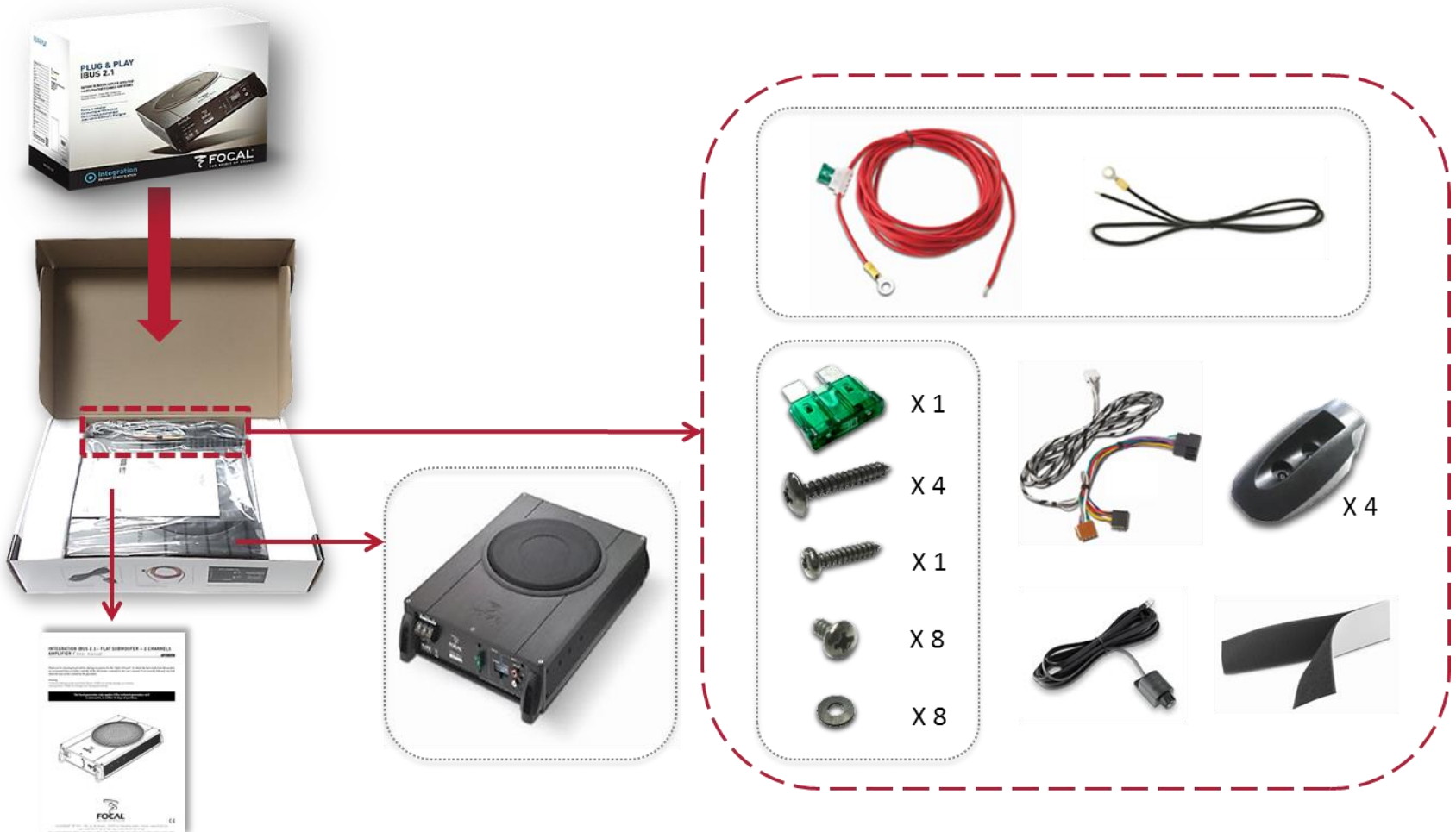


IFR130-4



# I. UNBOXING AND LOCATION OF PARTS

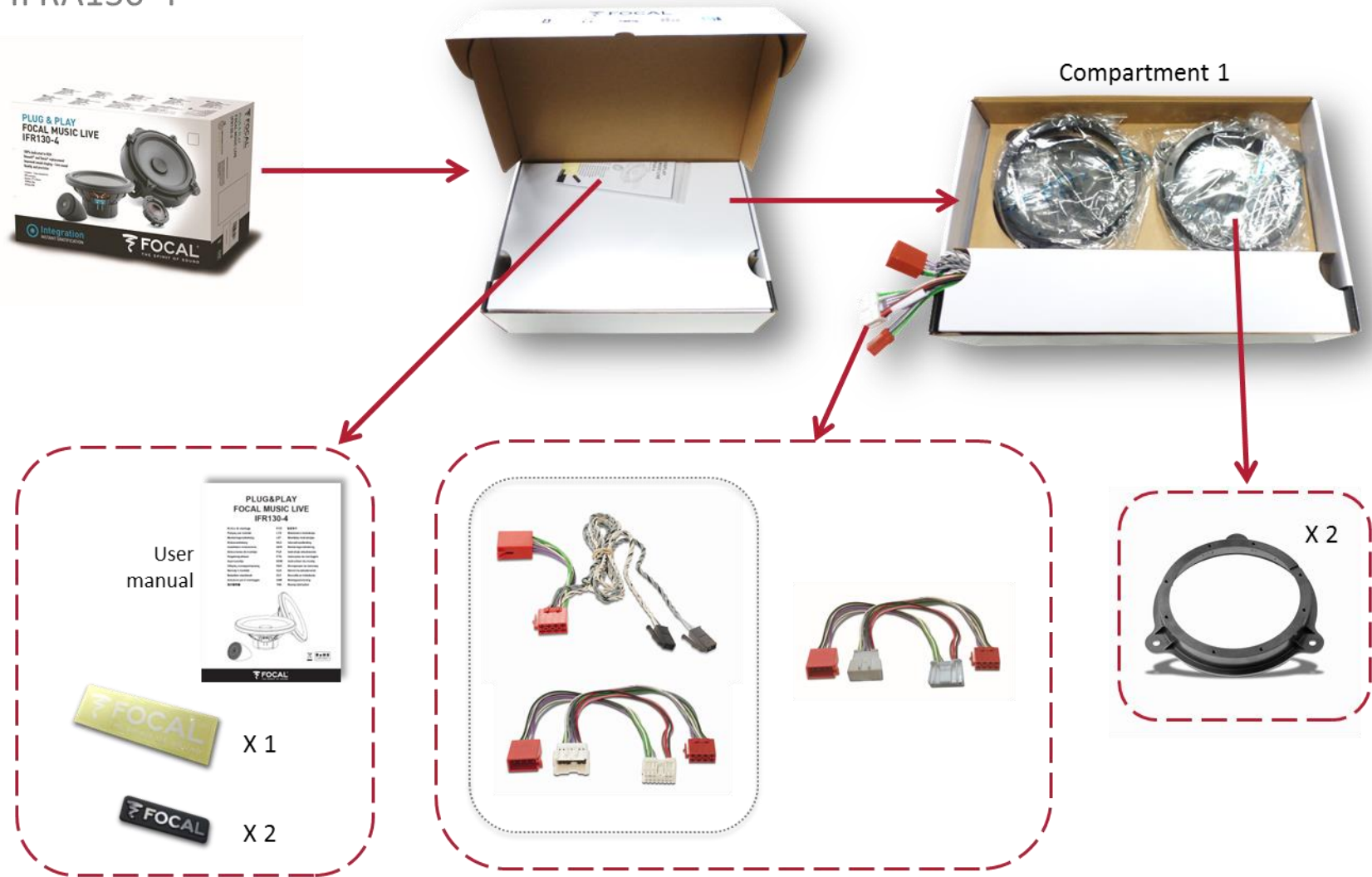
Ibus 2.1



User manual

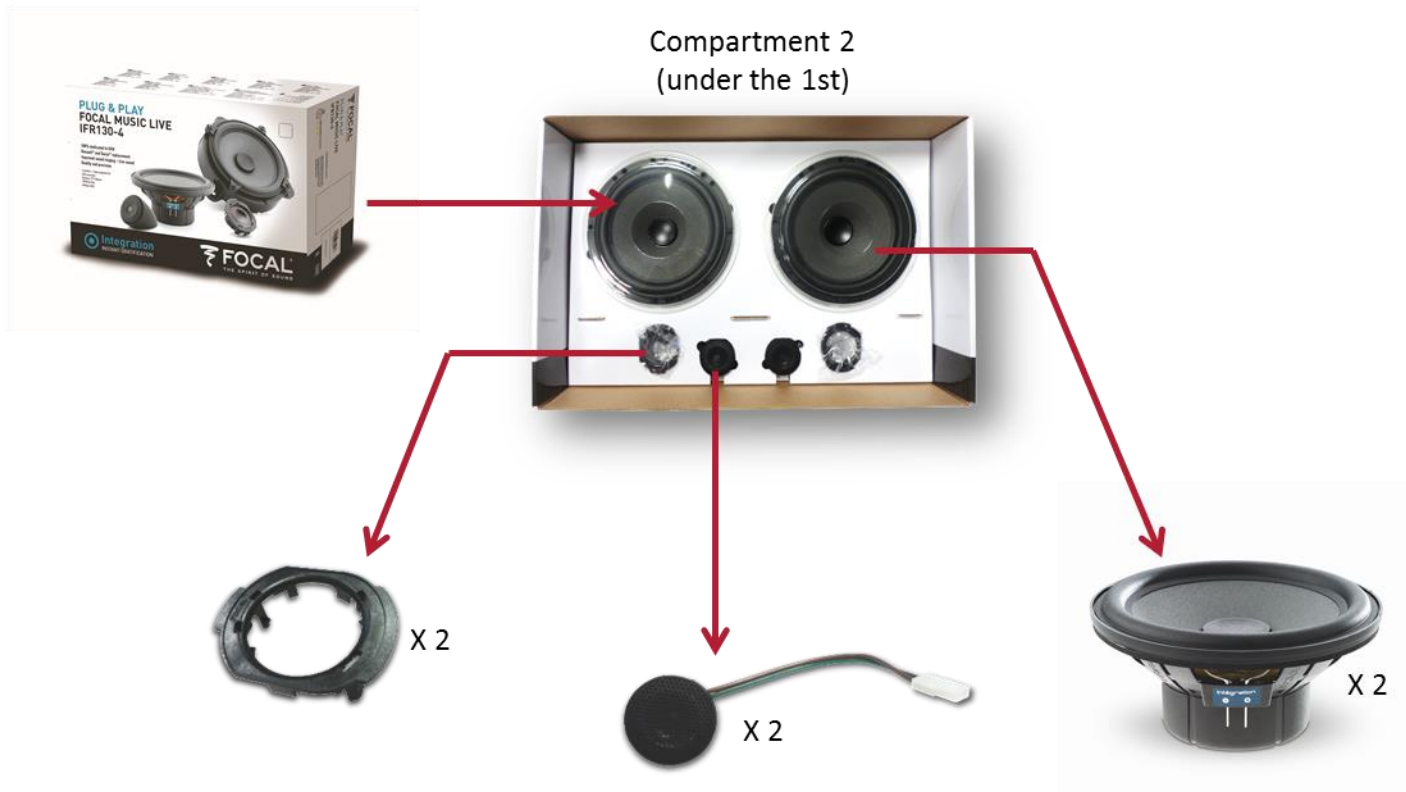
# I. UNBOXING AND LOCATION OF PARTS

IFRA130-4



# I. UNBOXING AND LOCATION OF PARTS

IFRA130-4





# I. UNBOXING AND LOCATION OF PARTS

IFRA130-4



Under « Compartment 2 »



## II. ASSEMBLING THE FRONT SPEAKER DRIVERS

### 1. Equipment required for assembling the woofer

Connector

Crossover

Spacer





## II. ASSEMBLING THE FRONT SPEAKER DRIVERS

### 2. Connections

Note:

*the crossover (with the black shielding) can be mounted any way around.*



Speaker driver

Crossover



Fasten the crossover in place using a cable tie.

Note:

*the cable tie mustn't come into contact with the spider (yellow part) when the speaker driver is in motion.*

### III. INSTALLING THE FRONT SPEAKER DRIVERS

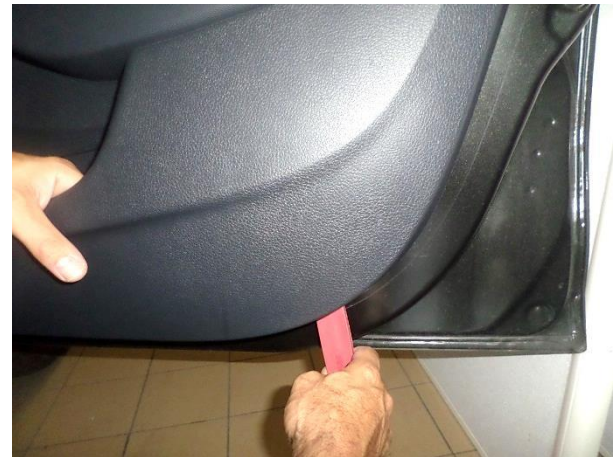
The picture below shows the location of the screws to remove.



**1. Unclip the door panels using prying tools.**  
(clip to remove before removing the rear-view mirror gusset)



*Note :*  
*To carefully remove*



# III. INSTALLING THE FRONT SPEAKER DRIVERS

## 2. Remove the original speaker driver



## 3. Rivet and connect the speaker driver



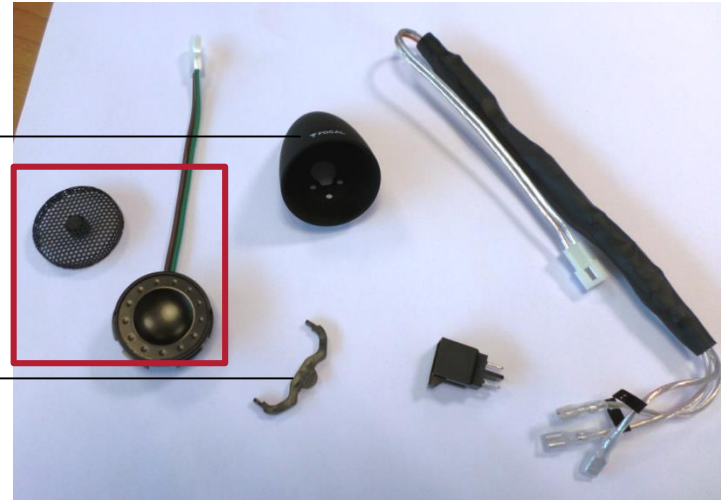
## IV. ASSEMBLING THE TWEETERS

### 1. Equipment required for assembling the tweeter.

Connector

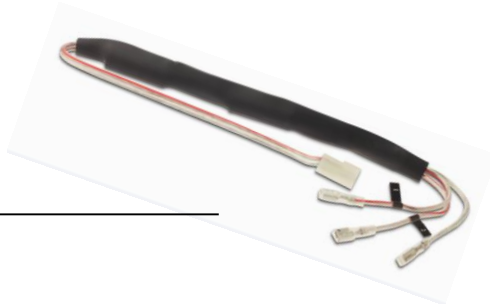


Support



Installation key

Crossover



### 2. Remove the grille by simply unclipping it.

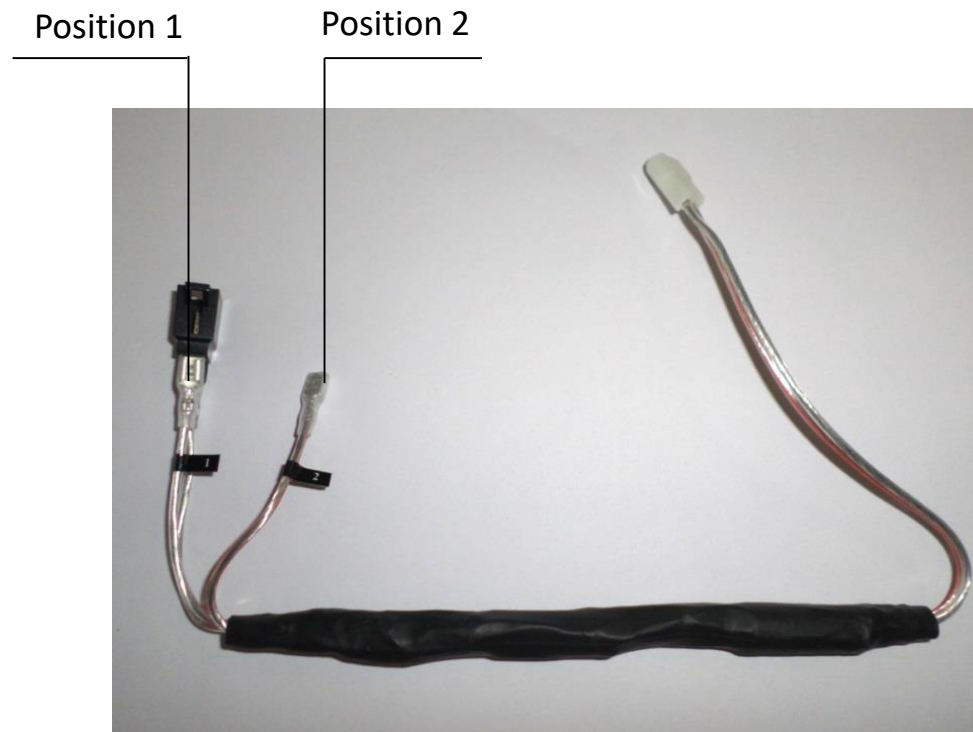


## IV. ASSEMBLING THE TWEETERS

### 3. Connect at position 1

Note:

*Position 2 is not used in this set-up.*

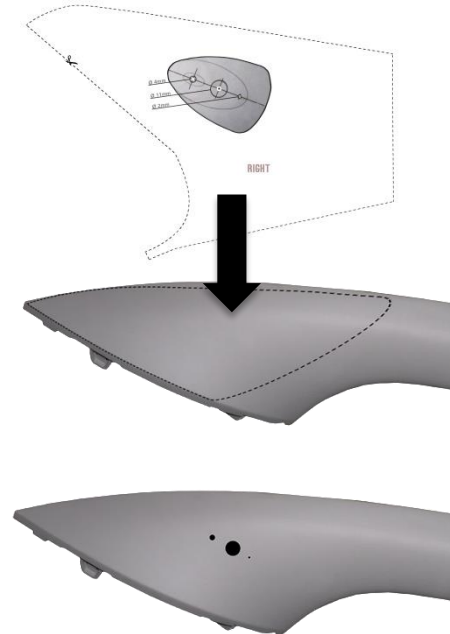


## V. INSTALLING THE TWEETERS

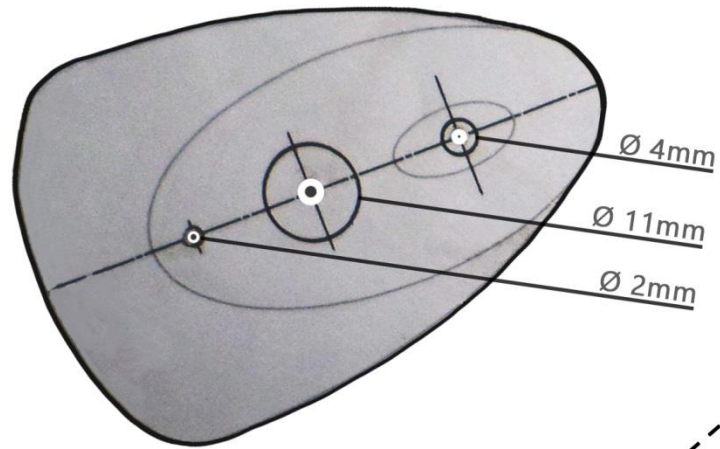
### 1. Remove the trim



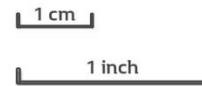
### 2. Glue the template (see pages 15 & 16) on the basis of the trim and **mark the holes locations for the screws**



template to cut out for the **left tweeter**:



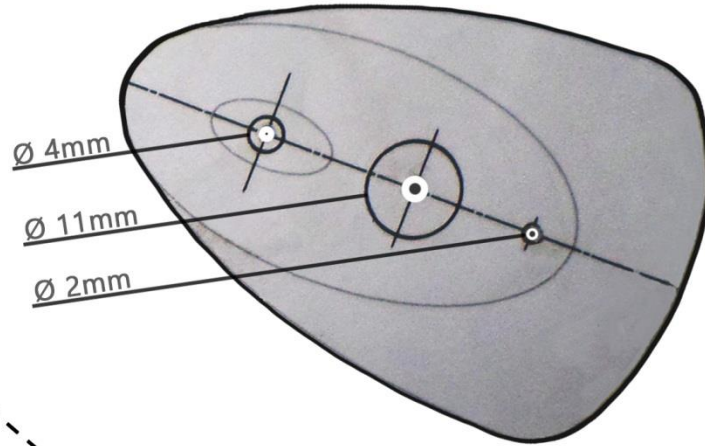
LEFT



Note :  
*Print at actual size (100%).*  
*Next, check the scale on paper with the*  
*given scales.*



Template to cut out for the **right** tweeter:



**RIGHT**

Note :  
*Print at actual size (100%).  
Next, check the scale on paper with the  
given scales.*

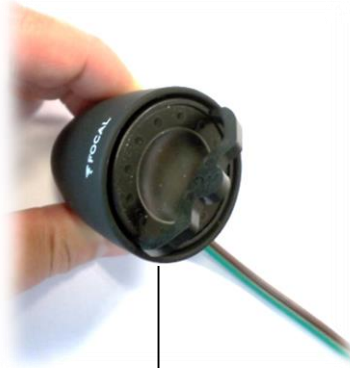
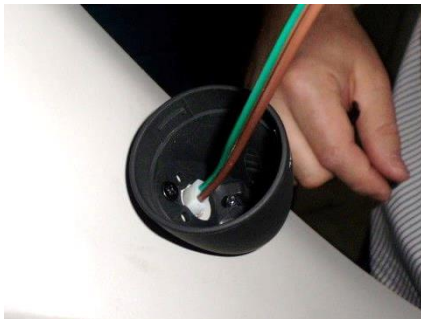
# V. INSTALLING THE TWEETERS

## 3. Drill the trim and fix the support



## V. INSTALLING THE TWEETERS

4. Place the tweeter, use the key to fix it with a quarter turn counterclockwise and push the grille back



Installation key



5. Push the trim back



## VI. CONNECTING THE TWEETERS

---

### 1. Wiring required for the tweeter connection



Note:

*Be careful to apply the correct fitting orientation (right/left) during the wiring installation in the vehicle.*

# VI. CONNECTING THE TWEETERS

## 2. Remove the head unit





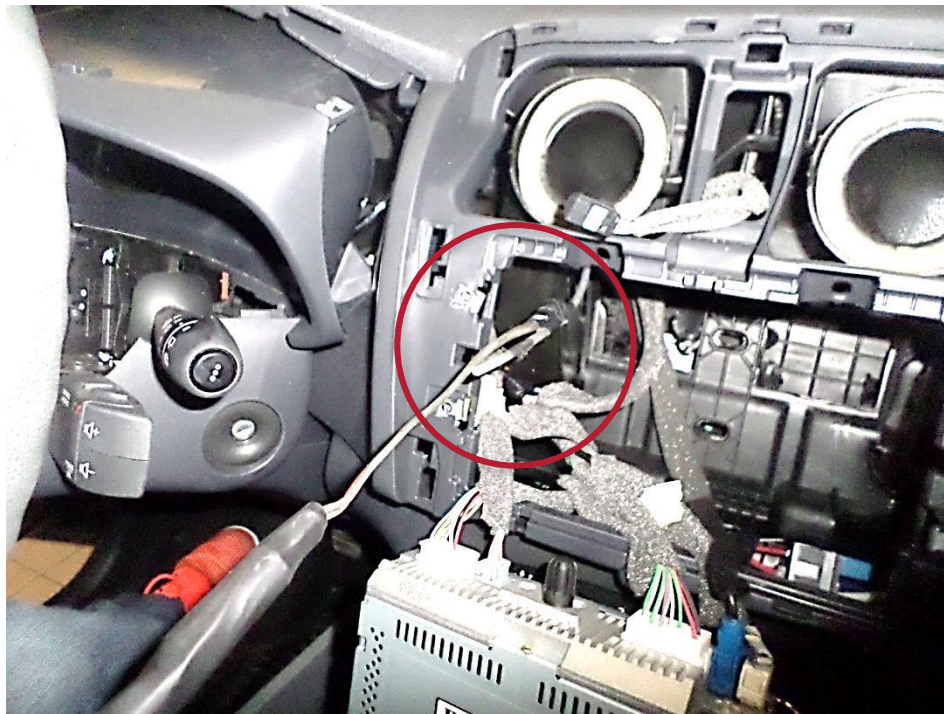
## VI. CONNECTING THE TWEETERS

### 3. On the driver's side : Remove the upper trim of the dashboard



## VI. CONNECTING THE TWEETERS

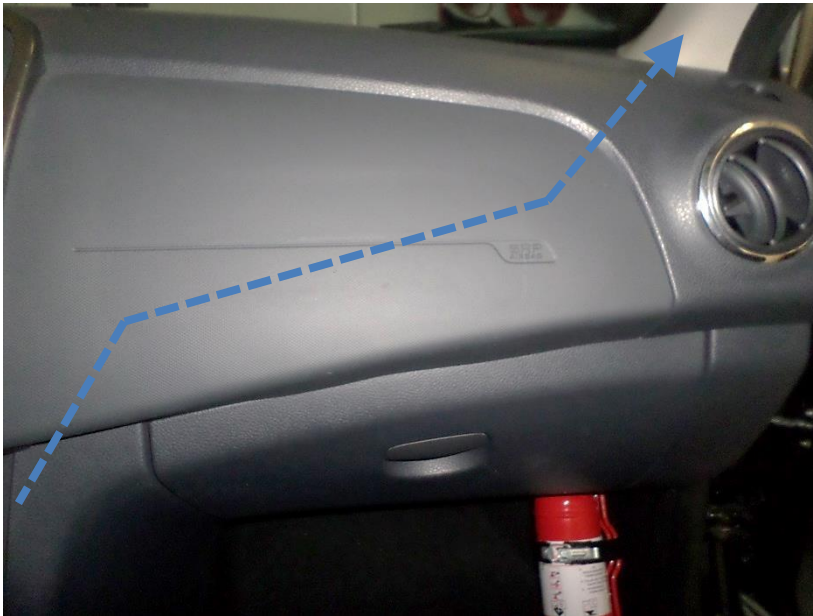
4. Use a cable grommet to run the cable behind the dashboard then get it out through the windshield pillar





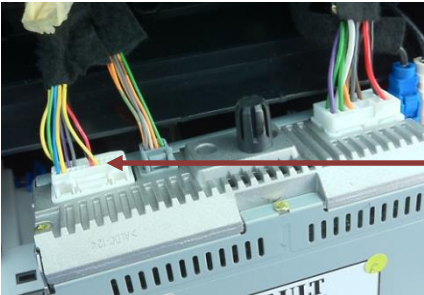
## VI. CONNECTING THE TWEETERS

5. On the passenger's side : Use a cable grommet to run the cable behind the glove box (without disassembling) then get it out through the windshield pillar

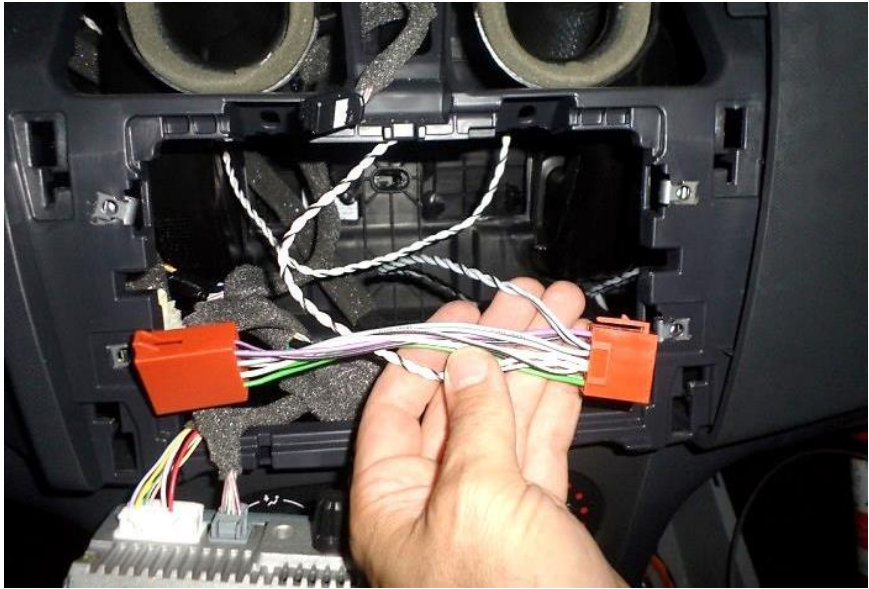
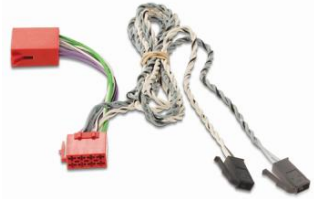
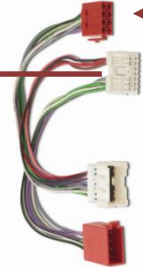


# VI. CONNECTING THE TWEETERS

6. Then connect the tweeters behind the head unit using the provided wiring



Add the adapter



# VII. ASSEMBLING THE REAR SPEAKER DRIVERS

Connector



Speaker driver



Installed speaker driver



## VIII. INSTALLING THE REAR SPEAKER DRIVERS

The picture below shows the location of the screws to remove.



1. Unclip the door panels using prying tools.





## VIII. INSTALLING THE REAR SPEAKER DRIVERS

2. Remove the original speaker driver.



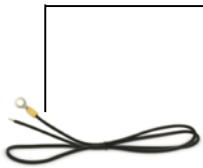
3. Screw and connect the Focal speaker driver then tilt the rotating tweeter upwards.



# IX. PREPARING THE SUBWOOFER

Equipment required for installing the subwoofer:

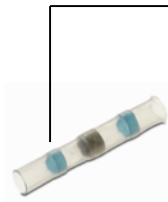
Ground cable



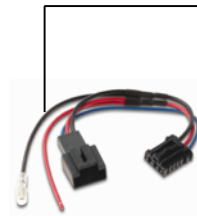
Power cable



Crimp sleeve



Power connector



Subwoofer cable with remote control



Adapter



Ibus 2.1



Extension cable



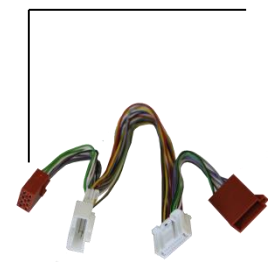
Head unit – subwoofer interconnect cable



Hook-and-loop fasteners (e.g. Velcro)



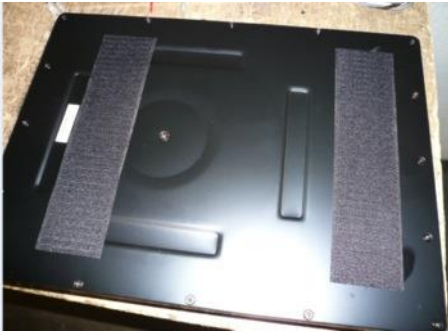
Connectors



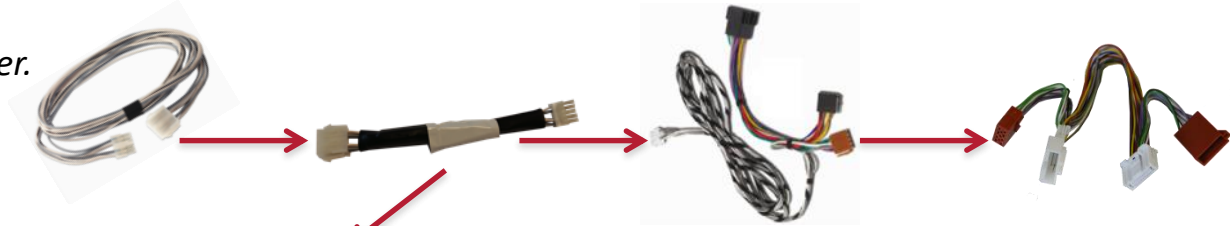
## IX. PREPARING THE SUBWOOFER

1. Glue the two strips of hook-and-loop fasteners as shown.

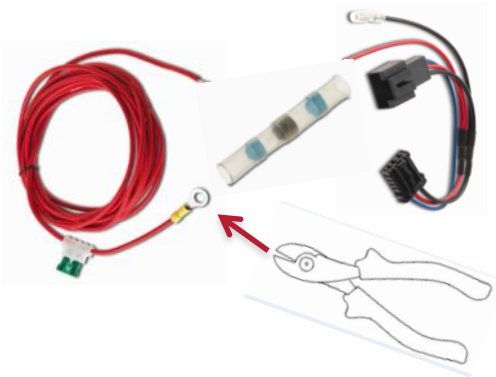
Note:  
*be careful not to cover up the serial number.*



2. Connect the extension cable to the head unit - subwoofer interconnect cable.



Note:  
*the adapter can only be used on an original head unit*



3. Cut off the terminal and splice.





# X. POSITIONING AND ADJUSTING THE SUBWOOFER

## Position 1

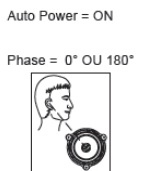
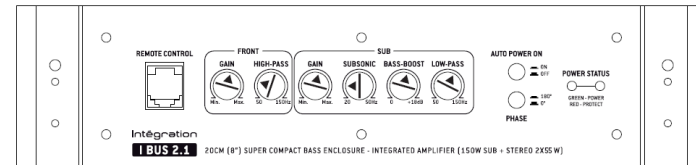
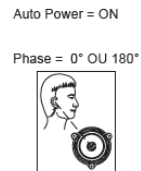
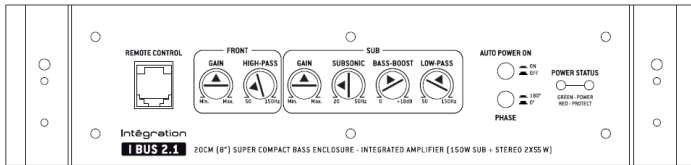


Into the trunk.

## Position 2



Under the left seat.



Phase: 0 or 180, this depends on many parameters, so it is advisable to try both positions without altering any other settings, and then to choose the one which sounds best.

# XI. INSTALLING THE SUBWOOFER

---

## 1. Remove the center console

1.a. The picture below shows the location of the screws to remove

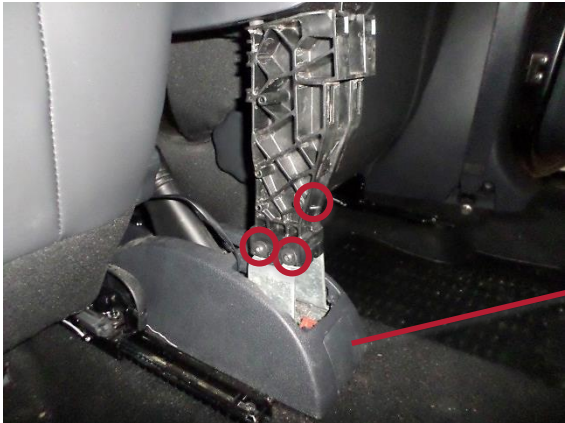
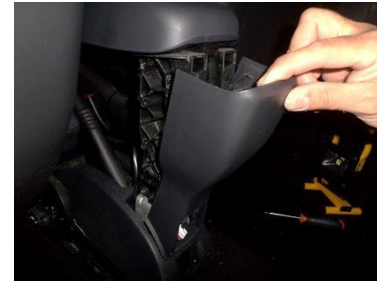


1.b. Remove the upper part of the center console



# XI. INSTALLING THE SUBWOOFER

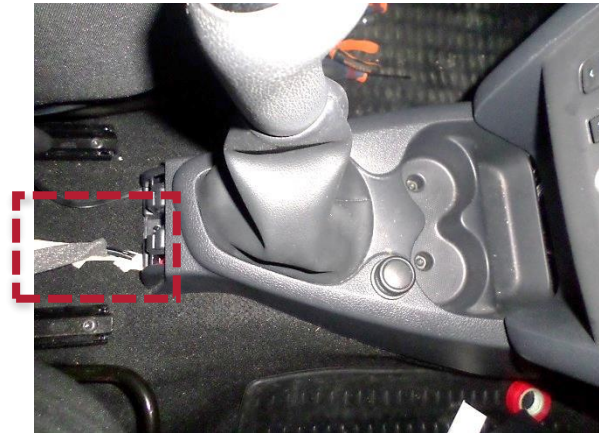
## 1.c. Remove the console rear





# XI. INSTALLING THE SUBWOOFER

2. Run the power connector + interconnect cable + remote control cable from the subwoofer to the head unit, under the carpet, then under the centre console



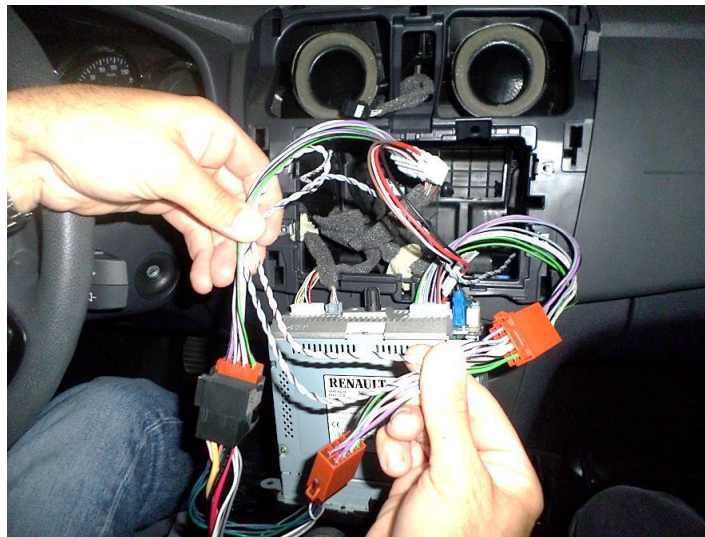
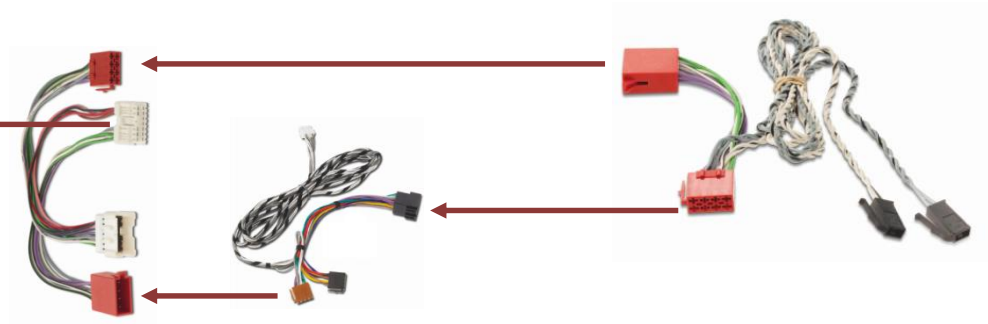
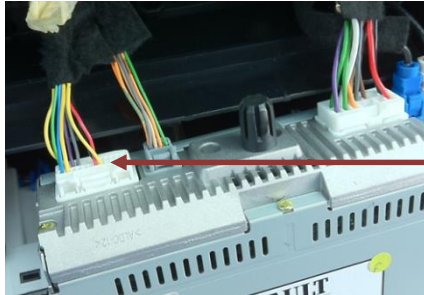
# XI. INSTALLING THE SUBWOOFER

3. Connect the power connector to the 12V power socket



# XI. INSTALLING THE SUBWOOFER

## 4. Connect the subwoofer cable bundle to the headunit





## XI. INSTALLING THE SUBWOOFER

5. Fix and glue the remote control in the centre armrest

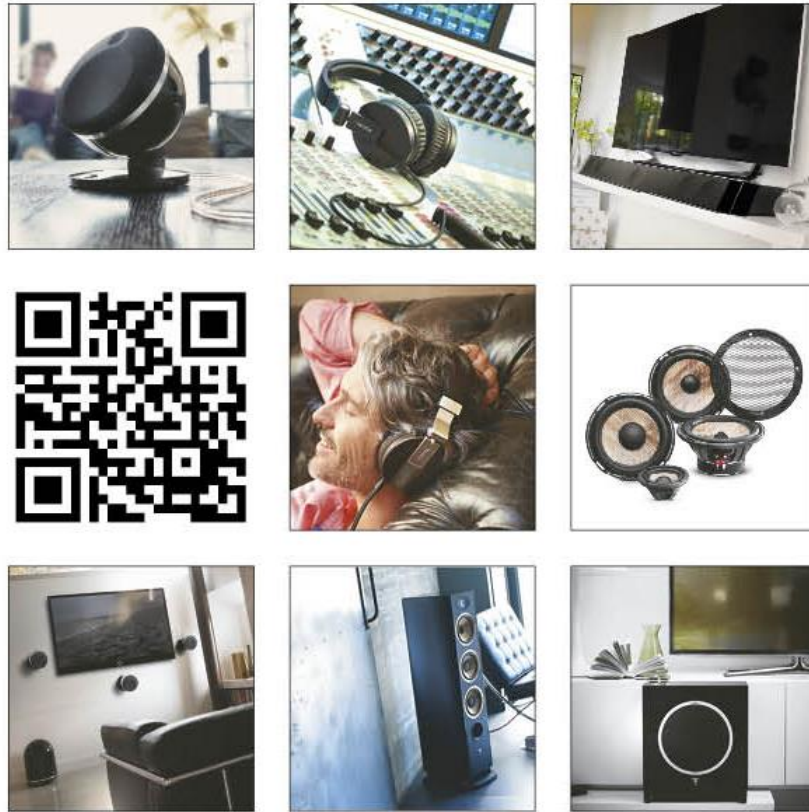




## XI. INSTALLING THE SUBWOOFER

---










[www.focal.com](http://www.focal.com)

FOCAL® is a trademark of FOCAL-JMLAB®
 

