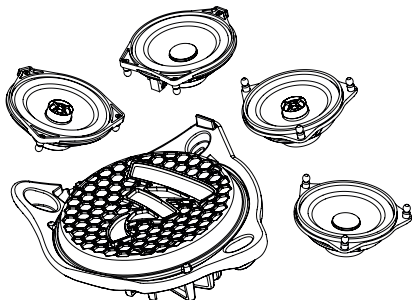


IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

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 **FOCAL®**

IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Manuel d'utilisation / User manual

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Vérifiez en ligne
les compatibilités et les consignes
d'installation mises à jour.

**Check Online Updated
Compatibility list
and installation manual.**

www.focal-inside.com



IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Manuel d'utilisation / User manual

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Pour installer
votre produit Focal Inside,
veuillez-vous référer aux vidéos
d'installation et de montage
disponibles en ligne.

**To set up your Focal Inside
product, please watch online
the installation video.**

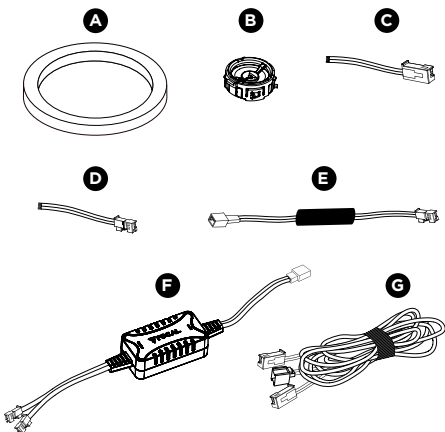
**[www.focal.com/
focal-inside/videos/](http://www.focal.com/focal-inside/videos/)**



IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Accessoires / Accessories

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IS MBZ 100 :

B (x2) / **E** (x2) / **F** (x2)

IC MBZ 100 :

E* (x2)

ICR MBZ 100 :

D (x2)

ICC MBZ 100 :

A (x1) / **D** (x1)

ISUB MBZ 2 :

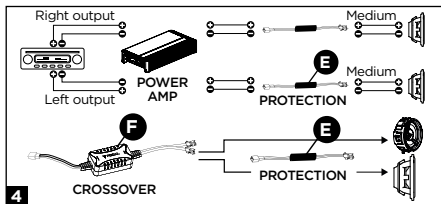
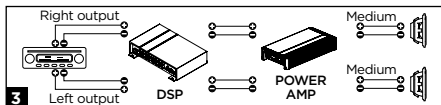
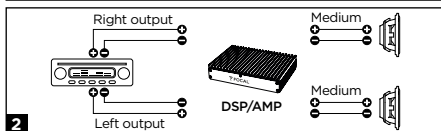
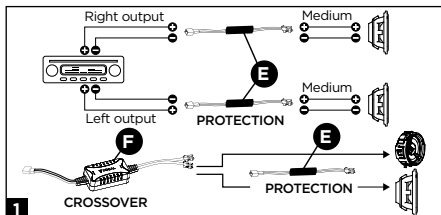
C (x2) / **G** (x1)

*Cet accessoire protège le haut-parleur médium lors d'utilisations à haut niveau mais n'a aucun effet sur le tweeter. / This accessory protects the midrange driver during high level use but has no effect on the tweeter.

IS MBZ 100, IC MBZ 100

Cas d'usages de la protection du woofer /
Use cases of woofer protection

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La protection (E) doit être utilisée lorsque le signal n'est pas traité par un DSP. / The E protection should be used when the signal is not processed by a DSP.

IS MBZ 100

Avertissement / Warning

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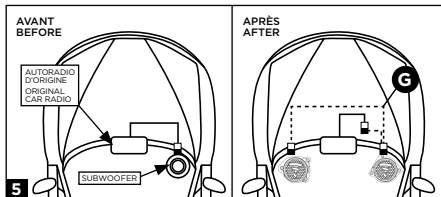
Sur l'ensemble de la gamme de véhicules adressés Mercedes-Benz, le remplacement d'une paire de haut-parleurs large bande d'origine par un kit séparé mediums/tweeters FOCAL® IS MBZ 100 peut entraîner une forte brillance du son. Cette brillance est causée par une augmentation volontaire des hautes fréquences dans la mise au point de la source d'origine, destinée à renforcer cette partie du spectre faible sur les haut-parleurs de première monte. Dans ce type de configuration, il est donc recommandé d'atténuer le niveau des aigus dans les paramètres audio de la source afin de tendre vers une courbe d'égalisation plus équilibrée.



Across the entire range of Mercedes-Benz compatible vehicles, replacing a pair of factory full-range speakers with a separate FOCAL® IS MBZ 100 midrange/tweeter kit can result in a high degree of sound brightness. This brightness is caused by an intentional increase in high frequencies in the original source tuning, intended to reinforce this weak part of the spectrum on the original speakers. In this type of configuration, it is therefore recommended to attenuate the treble level in the source audio settings in order to achieve a more balanced equalization curve.

ISUB MBZ 2

Remplacement d'un subwoofer unique /
Replacement of a single subwoofer



IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Spécifications / Specifications

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	IS MBZ 100	IC MBZ 100
Type	Kit 2 voies séparées	Kit coaxial 2 voies
Puissance max.	100 W	80 W
Puissance nom.	50 W RMS	40 W RMS
Sensibilité (2,83 V/1 m)	87 dB	88 dB
Réponse en fréquence	150 Hz - 20 kHz	150 Hz - 20 kHz
Impédance	4 Ω	4 Ω
Medium	100 mm	100 mm
Tweeter	Tweeter Aluminium à dôme inversé	-
Membrane	Flax	Flax
Diamètre bobine	25 mm	25 mm
Hauteur bobine	8 mm	8 mm
Moteur	Néodyme	Néodyme
Suspension	Butyle	Butyle
Filtre	Woofer : boîtier en ligne Tweeter : en ligne	Intégré

	IS MBZ 100	IC MBZ 100
Type	2-way component kit	2-way coaxial kit
Maximum power	100W	80W
Nominal power	50W RMS	40W RMS
Sensitivity (2,83V/1m)	87dB	88dB
Frequency response	150Hz-20kHz	150Hz-20kHz
Impedance	4Ω	4Ω
Midrange	4" (100mm)	4" (100mm)
Tweeter	Aluminium inverted dome tweeter	-
Cone	Flax	Flax
Voice-coil diameter	1" (25mm)	1" (25mm)
Voice-coil height	5/16" (8mm)	5/16" (8mm)
Magnet	Neodymium	Neodymium
Surround	Butyl	Butyl
Crossover	Woofer: in-line box Tweeter: in-line	Integrated

IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Spécifications / Specifications

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	ICR MBZ 100	ICC MBZ 100
Type	Kit coaxial 2 voies surround	Voie centrale
Puissance max.	80 W	50 W x 2
Puissance nom.	40 W RMS	25 W RMS x 2
Sensibilité (2,83 V/1 m)	88 dB	82,7 dB
Réponse en fréquence	150 Hz - 20 kHz	150 Hz - 20 kHz
Impédance	4 Ω	4 Ω
Medium	100 mm	100 mm
Membrane	Flax	Flax
Diamètre bobine	25 mm	25 mm
Hauteur bobine	8 mm	8 mm
Moteur	Néodyme	Néodyme
Suspension	Butyle	Butyle
Filtre	Intégré	-

	ICR MBZ 100	ICC MBZ 100
Type	2-way surround coaxial kit	Central speaker
Maximum power	80W	50W x 2
Nominal power	40W RMS	25W RMS x 2
Sensitivity (2,83V/1m)	88dB	82.7dB
Frequency response	150Hz-20kHz	150Hz-20kHz
Impedance	4Ω	4Ω
Midrange	4" (100mm)	4" (100mm)
Cone	Flax	Flax
Voice-coil diameter	1" (25mm)	1" (25mm)
Voice-coil height	5/16" (8mm)	5/16" (8mm)
Magnet	Neodymium	Neodymium
Surround	Butyl	Butyl
Crossover	Integrated	-

IS MBZ 100, IC MBZ 100, ICR MBZ 100, ICC MBZ 100, ISUB MBZ 2

Spécifications / Specifications

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ISUB MBZ 2	
Type	Kit subwoofers
Puissance max.	150 W x 2
Puissance nom.	75 W RMS x 2
Sensibilité (2,83 V/1 m)	93,3 dB
Impédance	2 Ω
Subwoofer	200 mm
Membrane	Polyglass
Diamètre bobine	35 mm
Hauteur bobine	13 mm
Moteur	Néodyme
Suspension	Butyle

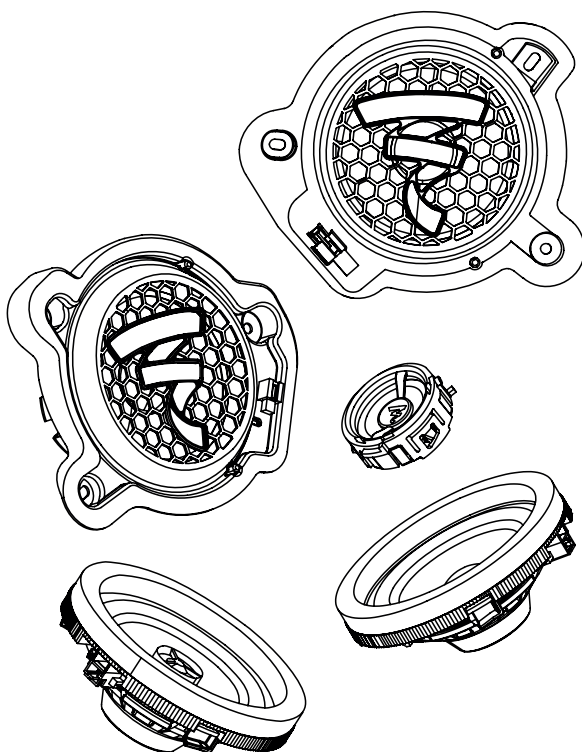
ISUB MBZ 2	
Type	Subwoofers kit
Maximum power	150W x 2
Nominal power	75W RMS x 2
Sensitivity (2,83V/1m)	93.3dB
Impedance	2 Ω
Subwoofer	8" (200mm)
Cone	Polyglass
Voice-coil diameter	1 ³ / ₈ " (35mm)
Voice-coil height	1/2" (13mm)
Magnet	Neodymium
Surround	Butyl

MBZ v2

IS MBZ 100 v2 | IC MBZ 100 v2

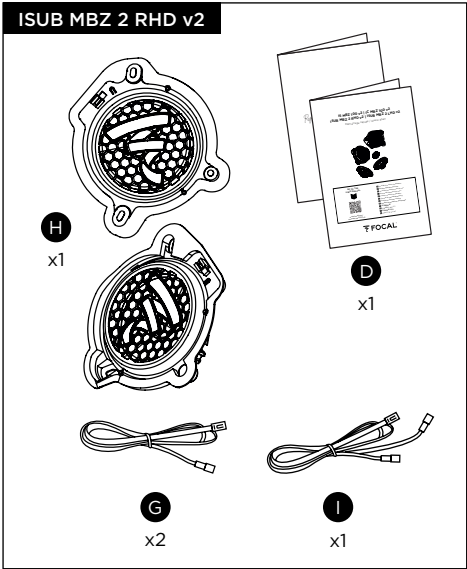
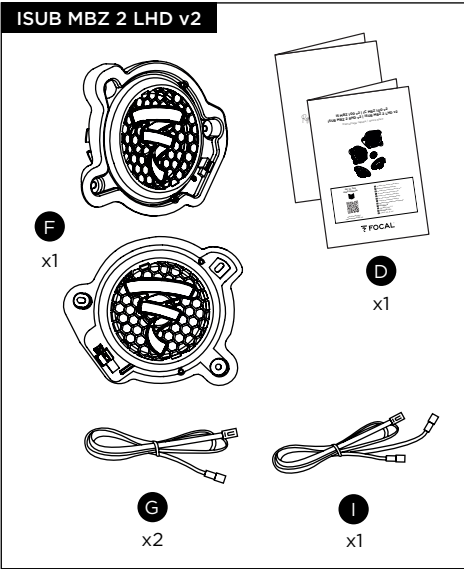
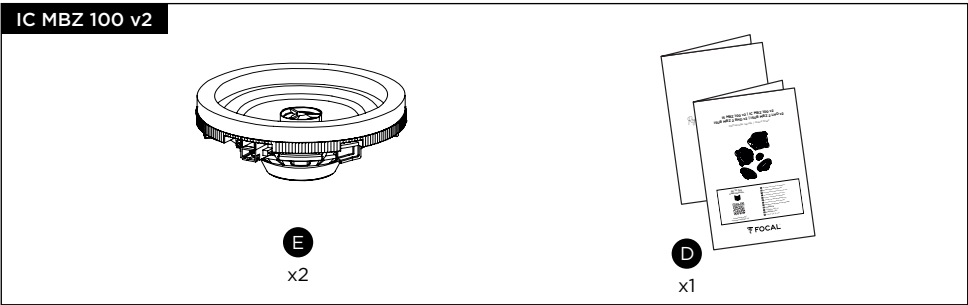
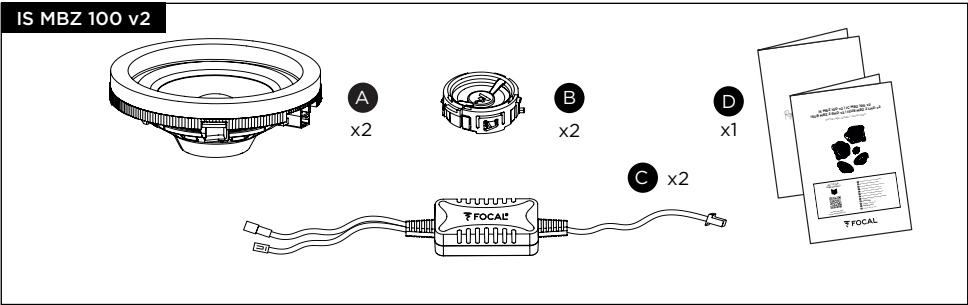
ISUB MBZ 2 LHD v2 | ISUB MBZ 2 RHD v2

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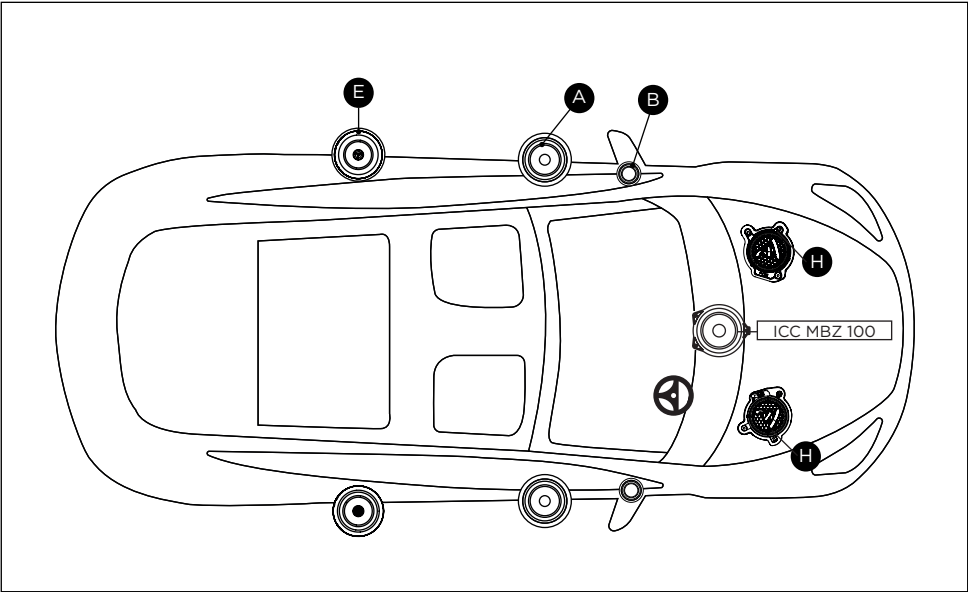
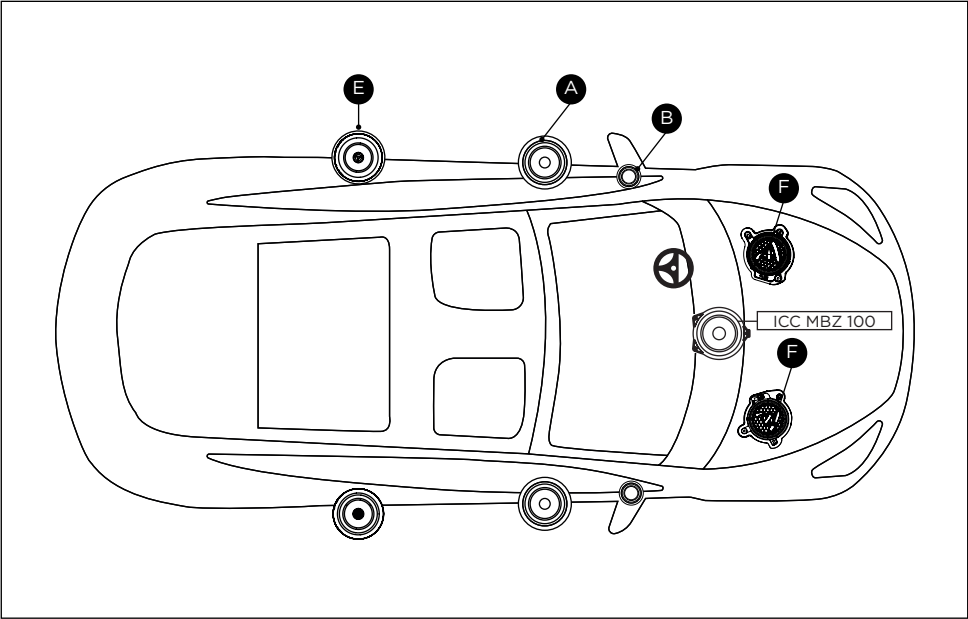
MBZ v2

Manuel d'utilisation / User manual



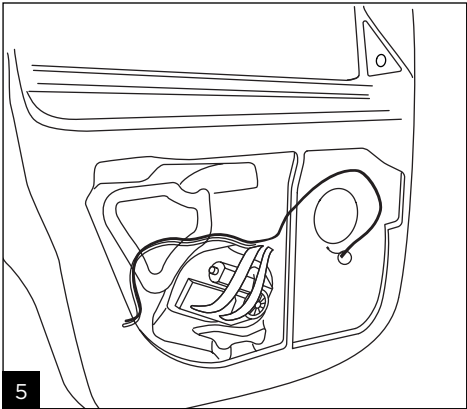
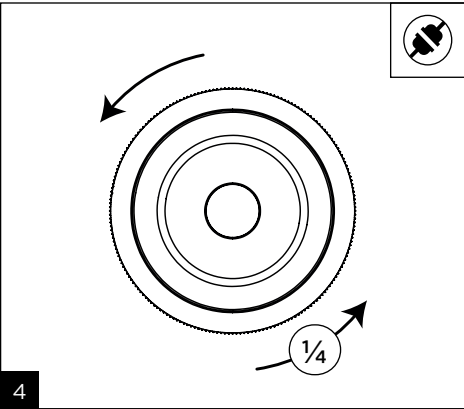
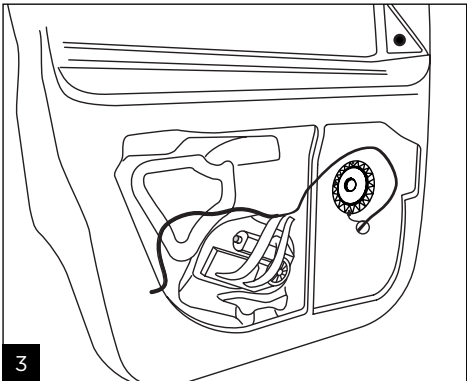
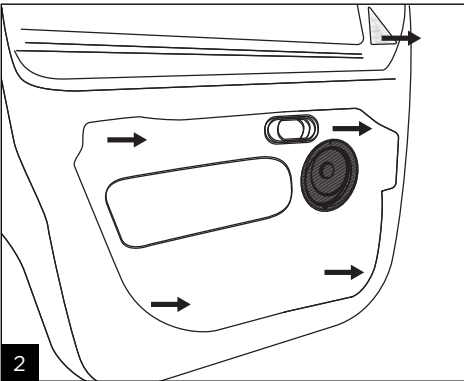
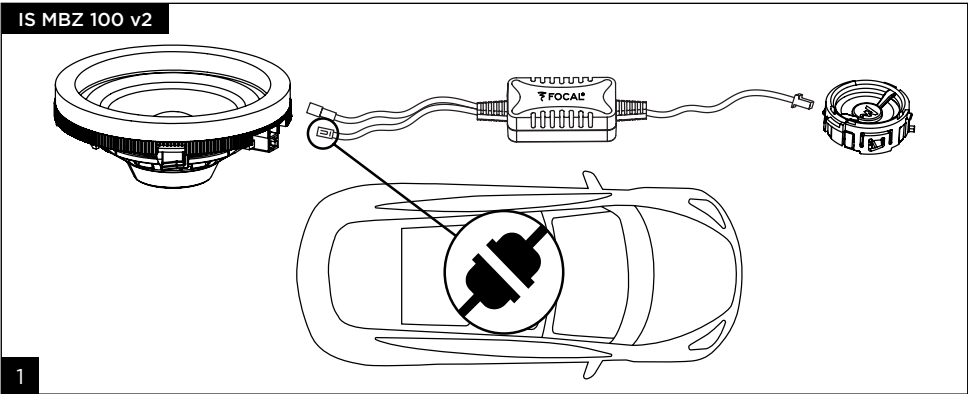
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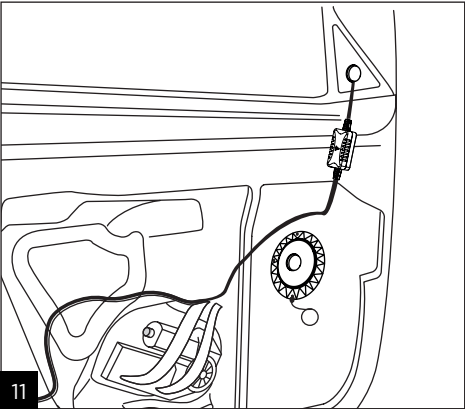
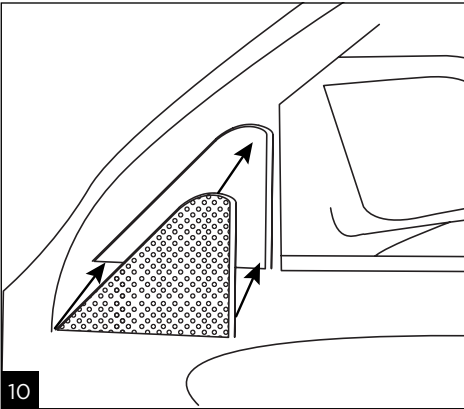
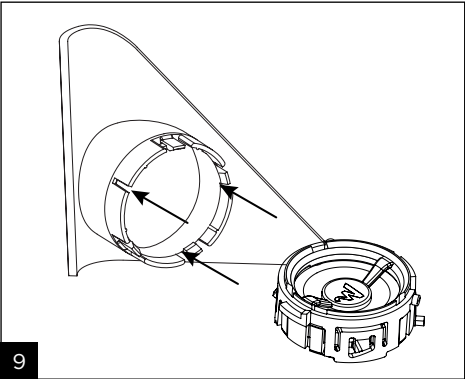
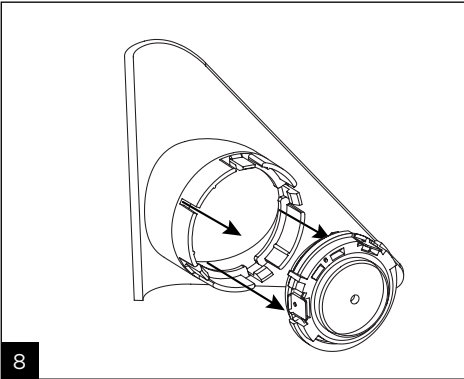
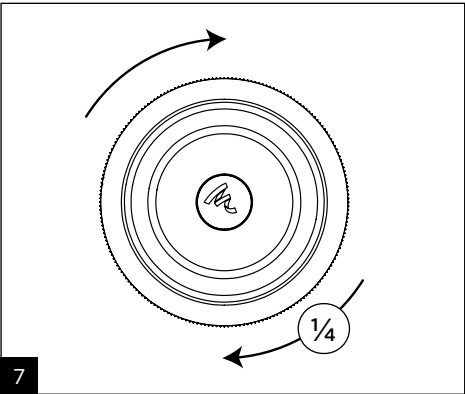
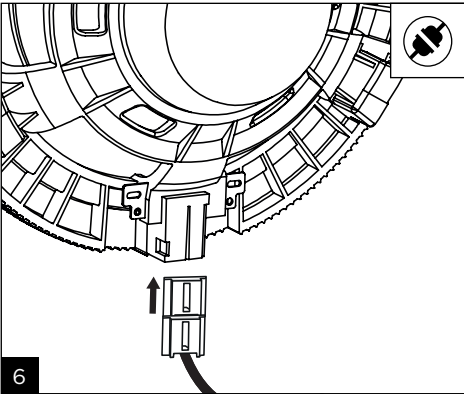
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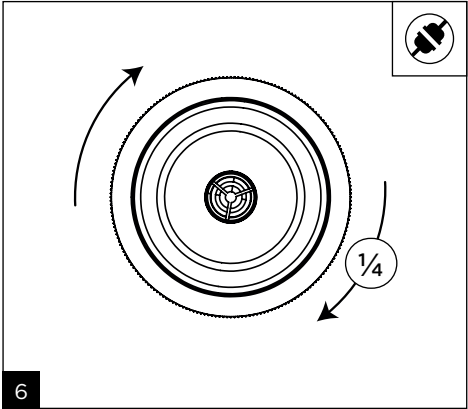
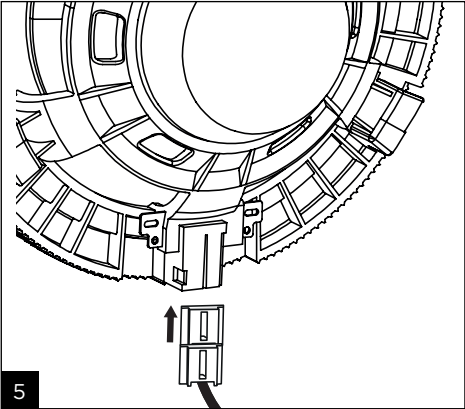
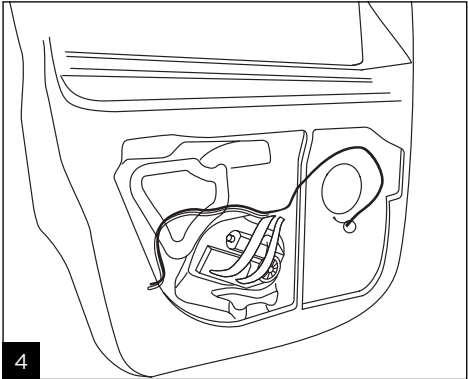
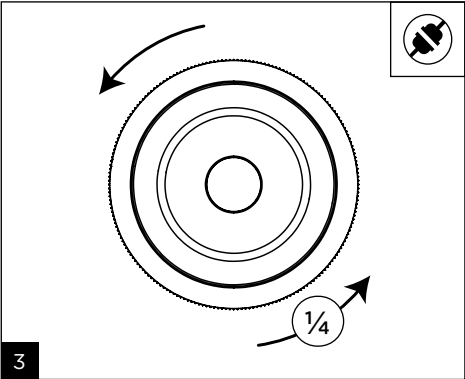
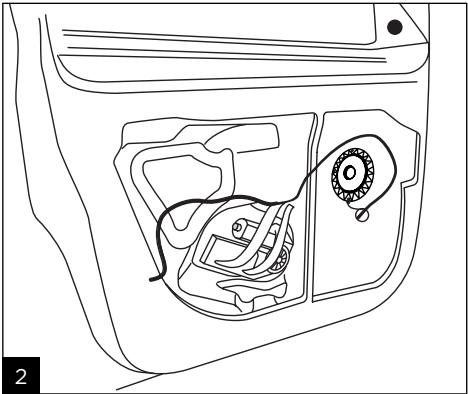
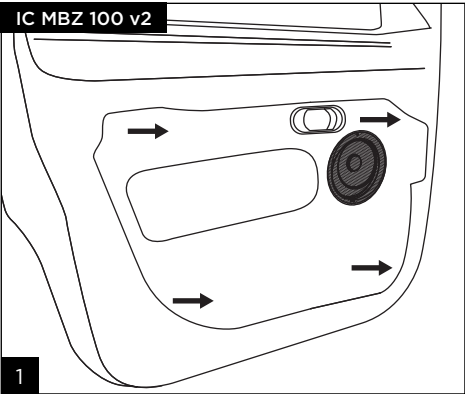
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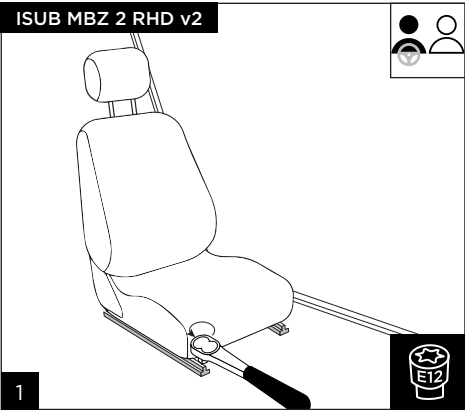
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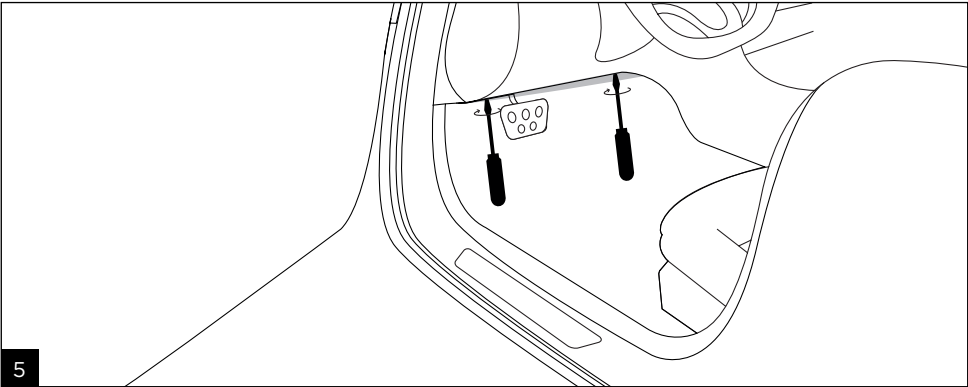
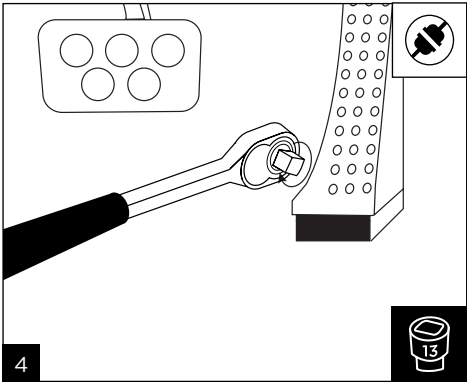
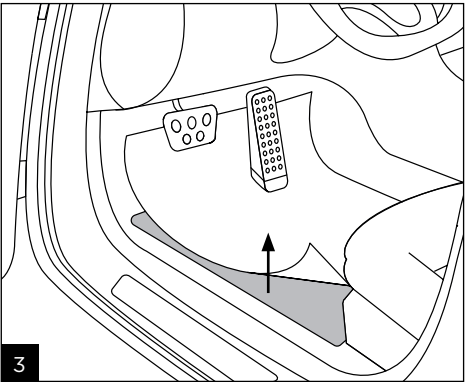
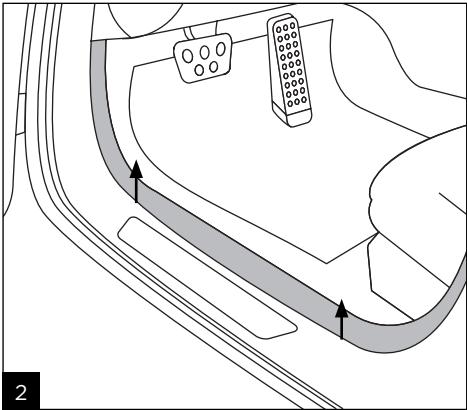


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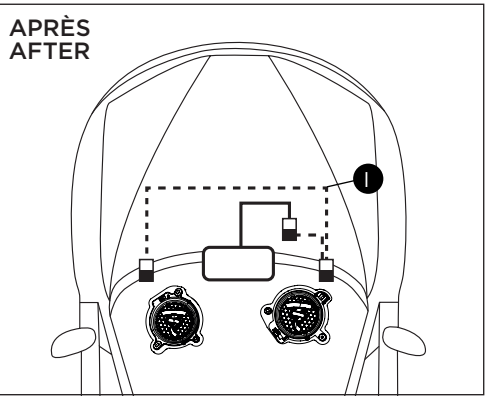
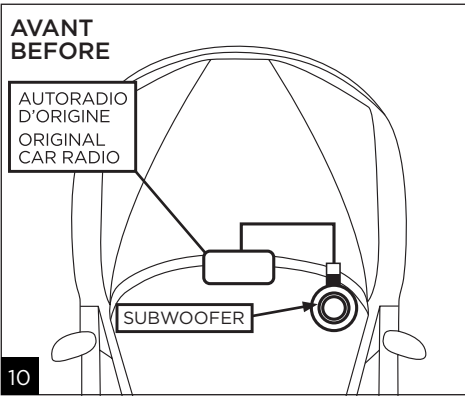
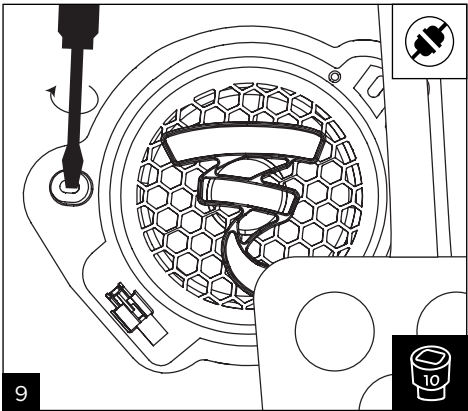
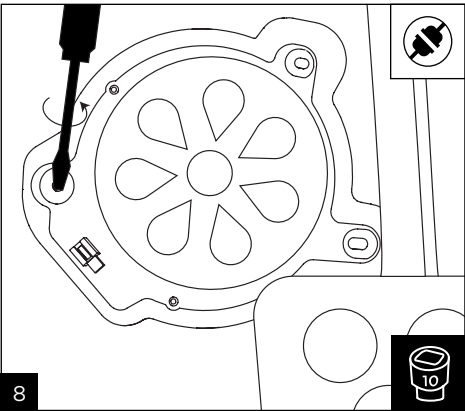
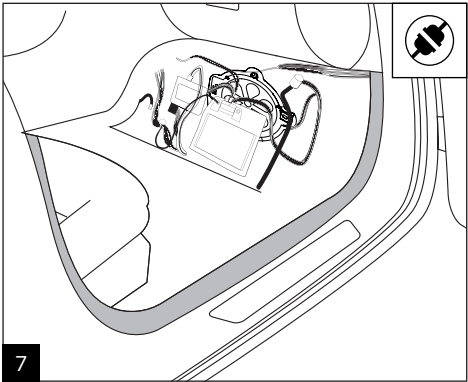
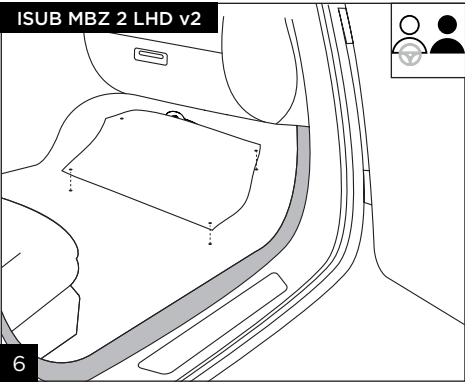


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MBZ v2

Manuel d'utilisation / User manual



MBZ v2

Caractéristiques / Specifications

	IS MBZ 100 v2	IC MBZ 100 v2
Type	Kit 2 voies séparées	Kit coaxial 2 voies
Puissance max.	100 W	80 W
Puissance nom.	50 W RMS	40 W RMS
Sensibilité (2,83 V/1 m)	87 dB	88 dB
Réponse en fréquence	150 Hz - 20 kHz	150 Hz - 20 kHz
Impédance	4 Ω	4 Ω
Medium	100 mm	100 mm
Tweeter	Tweeter Aluminium à dôme inversé	Tweeter Aluminium à dôme inversé
Membrane	Flax	Flax
Diamètre bobine	25 mm	25 mm
Hauteur bobine	8 mm	8 mm
Moteur	Néodyme	Néodyme
Suspension	Butyle	Butyle
Filtre	Woofer : boîtier en ligne Tweeter : en ligne	Intégré

ISUB MBZ 2 LHD v2 / ISUB MBZ 2 RHD v2	
Type	Kit subwoofers
Puissance max.	150 W x 2
Puissance nom.	75 W RMS x 2
Sensibilité (2,83 V/1 m)	93,3 dB
Impédance	2 Ω
Subwoofer	200 mm
Membrane	Polyglass
Diamètre bobine	35 mm
Hauteur bobine	13 mm
Moteur	Néodyme
Suspension	Butyle

MBZ v2

Caractéristiques / Specifications

	IS MBZ 100 v2	IC MBZ 100 v2
Type	2-way component kit	2-way coaxial kit
Maximum power	100W	80W
Nominal power	50W RMS	40W RMS
Sensitivity (2,83V/1m)	87dB	88dB
Frequency response	150Hz - 20kHz	150Hz - 20kHz
Impedance	4Ω	4Ω
Midrange	4" (100mm)	4" (100mm)
Tweeter	Aluminium inverted dome tweeter	Aluminium inverted dome tweeter
Cone	Flax	Flax
Voice-coil diameter	1" (25mm)	1" (25mm)
Voice-coil height	5/16" (8mm)	5/16" (8mm)
Magnet	Neodymium	Neodymium
Surround	Butyl	Butyl
Crossover	Woofer: in-line box Tweeter: in-line	Integrated

ISUB MBZ 2 LHD v2/ISUB MBZ 2 RHD v2	
Type	Subwoofers kit
Maximum power	150W x2
Nominal power	75W RMS x2
Sensitivity (2,83V/1m)	93.3dB
Impedance	2Ω
Subwoofer	8" (200mm)
Cone	Polyglass
Voice-coil diameter	1 ^{3/8} " (35mm)
Voice-coil height	1/2" (13mm)
Magnet	Neodymium
Surround	Butyl

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To facilitate the Focal-JMLab warranty,
it is now possible to register your product online at: www.focal.com/warranty



Thank you for purchasing a Focal product. Welcome to our High-Fidelity world. Innovation, tradition, excellence and pleasure are our values; our one and only aim is to bring you a sound that is rich, pure and true. To get the most out of your product, we recommend that you read the instructions in this booklet, then store it in a safe place to refer to in the future.

For your safety, follow the assembly instructions provided in this user manual.

Equipment required



Important recommendations

This speaker driver has been designed to be fitted in the factory location. Check that there is sufficient space between the speaker driver and the protective grille.

- Keep the speaker driver clear of any metal shavings and dust particles during the cutting process.
- Clean thoroughly before fitting the speaker driver.
- Ensure that there is nothing covering the grille, as this could damage the speaker driver.
- For the electrical disconnection, use the connector. Do not pull on the wires.
- Unclipping and reclipping the various parts must be done carefully.
- Excessive force may damage them.

Product positioning

The speaker driver has been designed to deliver the most faithful sound reproduction for any style of music. Nonetheless, a few simple rules should be followed to optimise their performance and to guarantee good tonal balance and a realistic sound image. We recommend placing the speaker drivers from the kit in the dedicated OEM locations.

Installation

1. Identify the location of the speaker driver within the vehicle.
2. Carefully disconnect and disassemble the original speaker driver.
3. Fit the Focal speaker driver into the vehicle's factory locations then connect it.

Installation details may vary depending on the model. We recommend watching our online assembly tutorials. To improve the performance of your system and eliminate parasitic sounds, we advise you to use the Focal B.A.M. acoustic insulation kit. Focal.

SPECIAL PRECAUTIONS

Door trims

Once the door trim has been removed, be sure to place it on a protective surface to avoid damaging it or the cables.

Maintenance

To look after the speaker drivers, simply dust using a dry cloth. If the grille is marked, use a damp cloth. Never use solvents, detergents, alcohol or corrosive products, scrapers or scouring utensils to clean the surface of the speaker drivers.

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Running-in period

The speaker drivers are complex mechanical components that require a running-in period to operate at their best. This running-in period varies depending on the conditions in question and may take several weeks. To reduce this time, we recommend operating the speaker drivers for about twenty hours at a moderate volume. Once the speaker drivers' characteristics have fully stabilised, you will be able to enjoy the performance of your products to the fullest.

Warranty terms and conditions

All Focal loudspeakers are covered by warranty drawn up by the official Focal distributor in your country. Your distributor can provide all details concerning the conditions of warranty. Warranty cover extends at least to that granted by the legal warranty in force in the country where the original purchase invoice was issued.

Vérifier en ligne les compatibilités et les consignes d'installation mises à jour.

Check Online Updated Compatibility list and installation manual.

www.focal-inside.com



Pour installer le produit Focal Inside, se référer aux vidéos d'installation et de montage disponibles en ligne.

To set up your Focal Inside product, please watch online the installation video.

www.focal.com/focal-inside/videos/





UK Aamp
CA 25B
GU35 9QE



ET



CALES



Cet appareil
se recycle



Points de collecte sur www.quefairedemesdechets.fr



Raccolta differenziata.
Verifica le disposizioni
del tuo Comune.



Scansionare il codice QR per
informazioni sullo smaltimento
degli imballaggi
Scan QR code for information
on packaging disposal