



DIAMOND
AUDIO

VSP8BMW

**BMW[®] Specific
8" 2-0HM-Subwoofer Pair**

Owners Manual

ABOUT THE DIAMOND AUDIO EXPERIENCE

Congratulations, you have just purchased the finest mobile audio products on the market to date. At Diamond Audio, our products represent the latest advances in acoustic technology in sound reproduction for your vehicle. Diamond Audio products are designed, developed, and engineered using the latest innovative materials and components to provide the finest sound reproduction possible. Every Diamond Audio product has been Klippel verified and tested to ensure the best sounding and most reliable product on the market, if installed properly, Diamond Audio products will provide many years of the ultimate listening experience.

Please note that prolonged exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. Using Diamond Audio products can exceed that level so please exercise restraint in its operation in order to preserve your ability to enjoy its high fidelity sound for many years to come.

Diamond Audio recommends our products be professionally installed by an authorized Diamond Audio dealer to achieve the best possible system recommendation and installation. This will ensure a true Diamond Audio listening experience and sound you would expect from Diamond Audio products. In doing this you will extend your warranty from one year to two years.

Go ahead, Hear the Music

FEATURES

- BMW® Specific 8" Subwoofer
- 100W RMS/200W MAX Power Handling
- High-Strength Stamped Steel Frame
- Glass Fiber Reinforced Cone
- FEA Optimized High-Power Ferrite Motor Structure
- Milled Voice Coil Cooling Vents With Polished Backplate
- Separate Optimized Crossover Module
- Klippel® Optimized Motor And Suspension Symmetry

Vehicle Compatibility:

8 " BMW Subwoofer Vehicle Compatibility List - By Series

1 - SERIES 2004 - Current

6 - SERIES 2011 - Current

3 - SERIES 2005 - Current

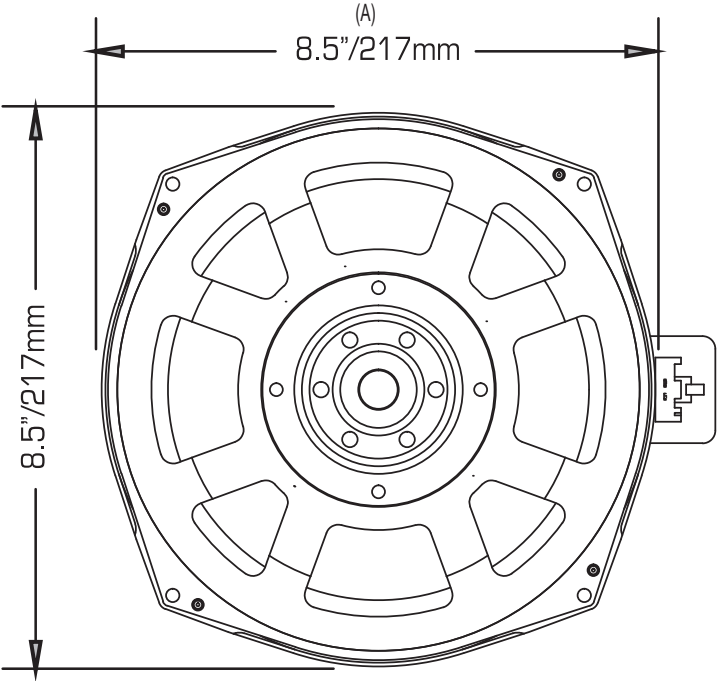
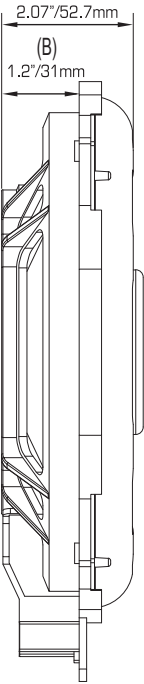
7 - SERIES 2008 - Current

4 - SERIES 2004 - Current

5 - SERIES 2004 - Current

DIMENSIONS AND SPECIFICATIONS

Specifications:	VSP8BMW
Total Diameter (A)	8.5inch/217mm
Mounting Depth(B)	1.2inch/31mm
Impedance	2 Ohm
Frequency response	35 – 250 Hz
SPL 1W/1M	86 dB
Power Watt RMS	120
Power Watt Maximum	240
RE	1.88 Ohm
SPL	89 dB
FS	59.1 Hz
QMS	5.57
QES	1.5
QTS	1.18
VAS	15 .98 L/ 0.56 cu.ft
MMS	41 .58 Gr
BL	4.4 N/A
RMS	2.77 kg/s
CMS	0.17 mm/N
LE	0.35 mH



Don't unplug wires from the bottom of the seat. This could lead to an airbag failure and requires the BMW service to reset. As a precaution, it is recommended to disconnect the vehicle's battery previously to the installation (check the car's owner's manual for further information). Furthermore, the country specific laws for operations at airbag systems must be considered first!

The following tools are needed for the installation:

Ratchet with T50 Torx(may vary according to the model)

Torx screwdriver T10, T15, T20, T25 (may vary according to the model)

#2 Phillips screwdriver

Small blade flat screwdriver

This section focuses on some of the vehicle considerations for installing the Diamond Audio 8 inch VPS8BMW. For the purpose of this manual, the vehicle shown as reference is a BMW 1 Series. Other vehicles may differ depending on model, year and options. But removal of the OEM BMW woofer and replacement with the Diamond Audio BMW woofer is a very similar installation methodically

1. Seat Removal

Using the appropriate TORX socket remove the seat bolts as shown in FIG 1. Once all of the bolts are removed, tilt the seat back to provide access to the subwoofer.

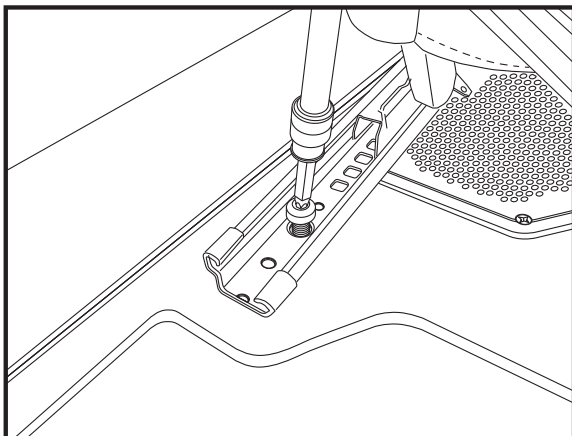


FIG1

Once all of the bolts are removed, tilt the seat back to provide access to the subwoofer.

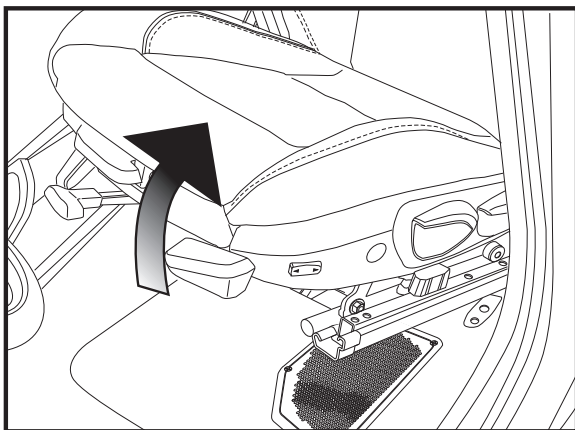


FIG2

2. Subwoofer Cover Removal

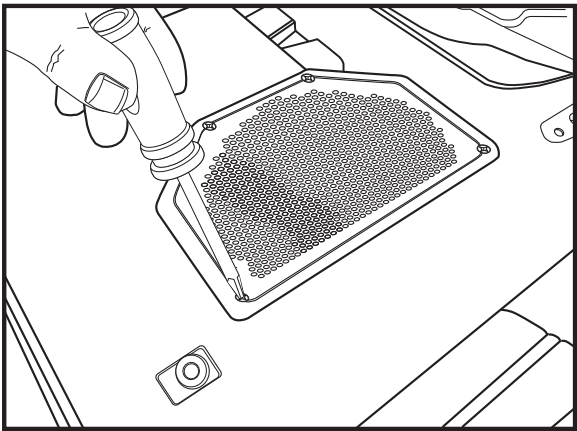


FIG3

Using a # 2 Philips head screw driver remove the subwoofer cover as shown in FIG 3.

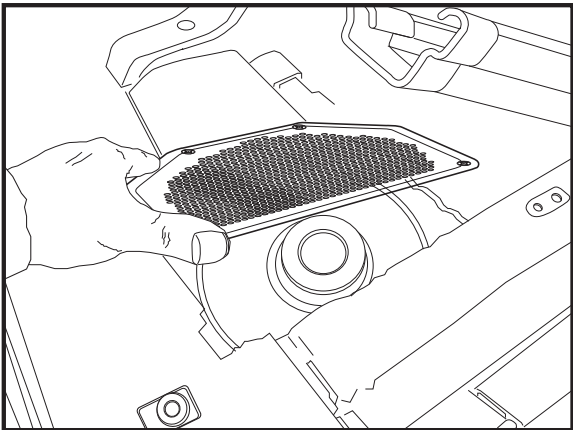


FIG4

Once all of the screws are removed, you can remove the grill giving access to the subwoofer. Make sure to put grill and screws in a safe place as you will need to use these when installing the new Diamond Audio BMW subwoofer

*** SPECIAL NOTE ***

In case of full wiring on the original speaker plug (4 pins and ring on the original speaker plug (4 pins and wires). The two outerwires (outgoing signal to door speakers) have to be connected to the inner wires(incoming signal) according to FIG 7 shown below

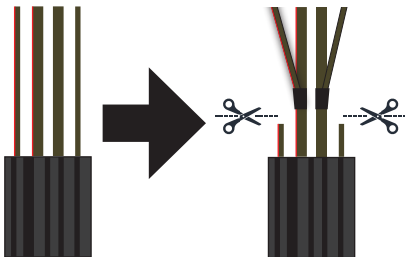


FIG7

3. Subwoofer Removal

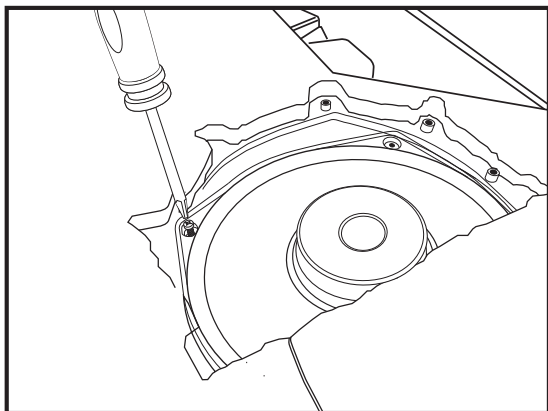


FIG5

Using a # 2 Philips head screw driver remove the subwoofer as shown in FIG 5. Once all of the screws are removed, you will have access to the subwoofer.

Put grill and screws in a safe place. You will need these parts in re assemble.

Carefully remove the stock BMW subwoofer. Slide it up and out to access the special speaker connection plug. Unplug the stock subwoofer and set it aside. Now replace the stock BMW woofer with your new Diamond Audio subwoofer. The Speaker connection plug is “keyed” and can ONLY be inserted one way.

Make sure to double check that and put the plug in

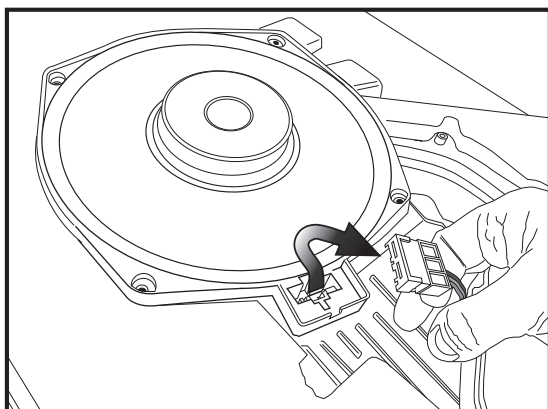


FIG6

4. Subwoofer installation

Now replace the stock BMW woofer with your new Diamond Audio subwoofer. The Speaker connection plug is “keyed” and can ONLY be inserted one way. Make sure to double check that and put the plug in. Using the screws that mounted the stock BMW subwoofer screw the new subwoofer in its place.

5. Grill installation

Put the stock subwoofer grill back on and using the screws that mounted the grill screw it back into place.

6. Seat installation

Place the seat back into place and put the screws back into place using the torx bit used in the seat removal.

LIMITED SPEAKER WARRANTY STATEMENT

Diamond Audio Technologies, (CV & DA HOLDINGS INC.) warrants this product to be free from defects in material and workmanship for a period of one (1) year from the original date of purchase provided it was purchased from an authorized DAT retailer within the United States. Product warranty period starts at date of purchase or one year past manufacture date whichever is first. However, upon purchase, completion of the online registration and installation by an authorized DAT dealer your warranty period will be extended to two (2) years. This warranty extension offer will only be recognized upon completion of the online registration of your product within 30 days of the date of purchase.

THIS WARRANTY IS NOT TRANSFERABLE AND APPLIES ONLY TO THE ORIGINAL PURCHASER OF THIS PRODUCT IN ITS ORIGINAL INSTALLATION. Original purchaser must reside in the United States and be able to provide proof of purchase and installation with the sales receipt and completion of online registration from the authorized DAT retailer that sold and installed the product.

Should a manufacturing defect occur during above said warranty period, DAT will replace or repair the defective product with a product of the same or equivalent value and performance.

Damage or failure caused by any of the following is not covered under this warranty policy: negligence, improper use, abuse, product modification, unauthorized repair attempts, accident, acts of God, misrepresentations by DAT retailers, and improper/inadequate packaging during return shipping.

Warranty is void if serial numbers have been removed, altered or defaced.

HOW TO OBTAIN WARRANTY SERVICE

In the event a DAT product should require service, you should visit the authorized DAT retailer you purchased the product from and they can expedite your claim. All claims must fall into the guidelines listed above and be accompanied by a copy of the original sales and installation receipt from that authorized DAT retailer.

Product returned for warranty service must be freight-prepaid, properly packaged and clearly marked with the Return Authorization (RA) number issued by DAT. Any product returned to DAT that is improperly packaged, does not have a RA number clearly marked on the package, or never received a RA number may be refused upon delivery. DAT does not assume responsibility for lost or misdirected product.

Repair or replacement under this warranty is the exclusive remedy of the consumer. DAT shall not be liable for any incidental or consequential damages for breach of any expressed or implied warranty on this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.

Customers outside the United States should contact their local sales office to obtain information on pricing, exchange unit availability, instructions, service and warranty/non-warranty replacement or repair.

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