

powerbass®

A u t o S o u n d



OE692-GM	OE692-GM2*
OE652-GM	OE652-GM2*
OE69C-GM	OE69C-GM2*
OE65C-GM	OE65C-GM2*

GM O.E.M. PLUG & PLAY

**GM2 Models are designed for premium applications equipped with 2Ω speakers only*

Application Guide

Please read through this manual to familiarize yourself with your new speakers. Should your PowerBass Autosound speaker components ever require service, you will need to have the original dated receipt.



Thank you and Congratulations

Congratulations on your purchase of PowerBass Autosound speakers. You now own a speaker of uncompromising design and engineering from a factory that truly believes in the relentless pursuit of perfection. Incorporating the highest quality parts and state-of-the-art materials, these speakers display the ultimate balance between high fidelity, performance and long-lasting reliability.



At PowerBass USA, Inc. we are confident you will have many years of outstanding enjoyment from this great Component Speaker investment. For maximum performance we recommend that you have your new PowerBass Autosound product installed by an Authorized PowerBass Autosound Dealer.

To learn more about PowerBass, please visit us on the World Wide Web at
<http://www.powerbassusa.com>

⚠ Warning ⚠

Continuous exposure to sound pressure levels in excess of 100 dB can cause permanent hearing loss. PowerBass Autosound Speakers are capable of producing sound pressure levels well over 170 dB. Please observe all local sound ordinances while listening to your PowerBass Autosound system. PowerBass USA, Inc. accepts no liability for hearing loss, bodily injury, or property damage due to the result of use or misuse of this product.

POWERBASS GM OEM Plug & Play FEATURES

- Injection PP Cone
- Nylon OEM Speaker Basket
- 1" Silk Dome Tweeter on Coaxials (OE652-GM, OE692-GM, OE652-GM2, OE692-GM2)
- 1" Silk Dome Tweeter with Diffuser on Components Kit (OE65C-GM, OE65C-GM2)
- 2.75" High Bandwidth Driver on Component Kit (OE69C-GM, OE69C-GM2)
- 20 oz. Magnet (OE652-GM, OE65C-GM, OE652-GM2, OE65C-GM2)
- 35 oz. Magnet (OE692-GM, OE69C-GM, OE692-GM2, OE69C-GM2)



Fig 1
Mounting Hardware x2

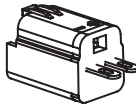


Fig 2
Connector for Tweeter x6

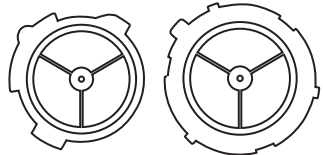


Fig 3
Tweeter Mounting
Adapter x4



Fig 4
Speaker Extension Cable x2
(Female Plug)

OE652/65C-GM/2 SPECIFICATIONS

(Due to Constant Improvements, Specifications and Parameters are subject to change without notice.)

Model #	Size	Nominal Impedance	Frequency Response	Sensitivity 1W/1M	Magnet Size	Mounting Depth	Power RMS/ Peak
OE652-GM	6.5"	4-ohm	70Hz - 20kHz	88 dB	20 oz.	1.6"	60W/120W
OE652-GM2	6.5"	2-ohm	70Hz - 20kHz	89 dB	20 oz.	1.6"	60W/120W
OE65C-GM	6.5"	4-ohm	70Hz - 20kHz	88 dB	20 oz.	1.6"	60W/120W
OE65C-GM2	6.5"	2-ohm	70Hz - 20kHz	88 dB	20 oz.	1.6"	60W/120W

Before beginning your installation, thoroughly read this guide and keep it as a reference. It will give you tips on proper placement, wiring, and installation as well as how to obtain the best sound from the PowerBass speakers you have selected.



OE65C-GM/2 SILK DOME TWEETER SPECIFICATIONS

Dome Size	Nominal Impedance	Frequency Response	Sensitivity (1M / 1M)	Power (RMS/Peak)
1" Silk Dome	4Ω	3K-20Khz	91 dB	45/90

OE692/69C-GM/2 SPECIFICATIONS

(Due to Constant Improvements, Specifications and Parameters are subject to change without notice.)

Model #	Size	Nominal Impedance	Frequency Response	Sensitivity 1W/1M	Magnet Size	Mounting Depth	Power RMS/Peak
OE692-GM	6x9"	4-ohm	65Hz - 20kHz	89 dB	35 oz.	1.85"	80W/160W
OE692-GM2	6x9"	2-ohm	65Hz - 20kHz	87 dB	35 oz.	1.85"	80W/160W
OE69C-GM	6x9"	4-ohm	65Hz - 20kHz	89 dB	35 oz.	1.85"	80W/160W
OE69C-GM2	6x9"	2-ohm	65Hz - 20kHz	88 dB	35 oz.	1.85"	80W/160W

Before beginning your installation, thoroughly read this guide and keep it as a reference. It will give you tips on proper placement, wiring, and installation as well as how to obtain the best sound from the PowerBass speakers you have selected.



OE69C-GM/2 COMPONENT HIGH-BANDWIDTH DRIVER SPECIFICATIONS

Dome Size	Nominal Impedance	Frequency Response	Sensitivity (1M / 1M)	Magnet Size	Power (RMS/Peak)
2.75" Mid Tweeter	4-ohm	150Hz - 19kHz	90dB	2.5 oz.	25W/50W

INSTALLATION EXPERIENCE

Installation of PowerBass Autosound Speakers requires experience with a variety of mechanical and electrical procedures. This manual only provides general installation and operation instructions. If you have any reservations about your installation skills or lack of the proper tools, please contact your local PowerBass Autosound dealer for assistance.

TIPS TO GET THE MOST OUT OF YOUR POWERBASS SYSTEM

Your PowerBass Autosound speakers have been meticulously engineered and designed to handle high power musical reproduction. Despite their rugged construction, it is possible to damage your speaker if they are improperly used. In general, you will hear distortion as a so-called warning before any damage occurs. If you hear distortion in your system, immediately reduce the musical level to the point where the sound retains its clarity.

1. Be sure you supply the speakers with enough unclipped amplifier power to drive them properly. **(More damage can be done to a speaker by under-powering and clipping your amplifier than any other way!)**
2. Where possible, a separate amplifier just for your speaker should be used with an electronic crossover to set the frequency range.
3. When connecting speaker wires from the amplifier or head unit to that of the speaker itself, pay attention to the polarity of the connection. This will insure optimum sound reproduction and performance.

PREPARING FOR INSTALLATION

NOTE: The tools listed below may be required for proper installation.

- Phillips-head and standard screwdrivers
- 7mm Socket
- Panel Removal Tools

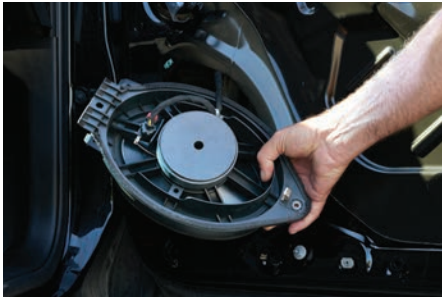
6X9" SPEAKER INSTALL (OE692-GM/2, OE69C-GM/2)



1. Remove door panel to gain access to the factory speaker. Remove the 7mm bolt at the top of the speaker (do not discard this bolt as you will need it to install your new speaker).



2. Remove the factory speaker by unclipping it at the top and pulling it forward. Then carefully unplug the speaker and remove from vehicle.



3. Plug in your new speaker and clip in starting from the bottom first. Securely mount the new speaker using the 7mm bolt. There are two extra mounting holes at the bottom of the speaker that will require drilling new holes to use. These are optional mounting holes.



4. Reinstall door panel to complete installation.

6.5" SPEAKER INSTALL (OE652/65C-GM/2)



1. Remove door panel to gain access to the factory speaker. Remove the 7mm bolt at the top of the speaker (do not discard this bolt as you will need it to install your new speaker).



2. Remove the factory speaker by unclipping it at the top and pulling it forward. Then carefully unplug the speaker and remove the vehicle.



3. Plug in your new speaker and clip in starting from the bottom first. Securely mount the new speaker using the 7mm bolt. There are two extra mounting holes at the bottom of the speaker that will require drilling new holes to use. These are optional mounting holes.



4. Reinstall door panel to complete installation.

COMPONENT TWEETER INSTALL (OE65C-GM/2)



1. Remove pillar or panel to gain access to the factory tweeter, unplug and remove tweeter from the vehicle.



2. Unclip or remove factory tweeter from pillar or panel.



3. Locate both the tweeter adapter ring and the correct tweeter plug, attach them to your new tweeter.



4. Install your new tweeter back into the pillar or panel. Plug in your new tweeter and reinstall pillar or panel into vehicle to complete installation.

HIGH BANDWIDTH DRIVER INSTALL (OE69C-GM/2)



FRONT 1. Remove cover to gain access to the factory speaker. Remove the two 7mm screws securing the speaker. (Don't discard these screws as you will need them to install your new speaker) carefully unplug and remove speaker.



FRONT 2. Plug in and mount your new speaker with the screws you removed from the factory speaker.



FRONT 3. Reinstall speaker cover.



REAR 1. Remove panel to gain access to the factory speaker. Carefully unplug and remove panel and speaker.



REAR 2. Remove one/two 7mm screws securing the speaker (Don't discard these screws as you will need them to install your new speaker) and remove speaker.



REAR 3. Mount your new speaker with the screws you removed from the factory speaker. Plug in and reinstall panel.

LIST OF COMPATIBLE VEHICLES

OE652-GM | OE652-GM2 | OE65C-GM | OE65C-GM2

Speakers may fit in additional models other than those listed below - To verify fitment for your specific year and model, please see our expanded fitment guide at www.powerbassusa.com

Applications

Buick Enclave
Buick LaCrosse
Buick Lucerne
Buick Regal
Buick Verano
Cadillac ATS
Cadillac Escalade
Cadillac SRX
Chevrolet Avalanche
Chevrolet Caprice
Chevrolet Colorado
Chevrolet Cruze
Chevrolet Express Van
Chevrolet HHR
Chevrolet Impala
Chevrolet Malibu
Chevrolet Orlando
Chevrolet Silverado
Chevrolet SS
Chevrolet Suburban
Chevrolet Tahoe
Chevrolet Traverse
Chevrolet Trax
Chevrolet Volt
GMC Acadia
GMC Canyon
GMC Sierra
GMC Yukon
Hummer H3
Hummer H3T
Pontiac G6
Pontiac Solstice
Saturn Aura
Saturn Outlook
Saturn Sky

***OE652-GM & OE65C-GM models are designed to work in 4-OHM applications only.**

****GM2 MODELS DESIGNED TO WORK IN VEHICLES WITH PREMIUM 2Ω AUDIO SYSTEMS ONLY.**

Please be sure to verify your OEM speaker impedance before installation.

LIST OF COMPATIBLE VEHICLES

OE692-GM | OE692-GM2 | OE69C-GM | OE69C-GM2

Speakers may fit in additional models other than those listed below - To verify fitment for your specific year and model, please see our expanded fitment guide at www.powerbassusa.com

Applications

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Buick LaCrosse
Buick Lucerne
Buick Regal
Buick Verano
Cadillac ATS
Cadillac Escalade
Cadillac SRX
Chevrolet Avalanche
Chevrolet Caprice
Chevrolet Colorado
Chevrolet Cruze
Chevrolet Express Van
Chevrolet HHR
Chevrolet Impala
Chevrolet Malibu
Chevrolet Orlando
Chevrolet Silverado
Chevrolet SS
Chevrolet Suburban
Chevrolet Tahoe
Chevrolet Traverse
Chevrolet Trax
Chevrolet Volt
GMC Acadia
GMC Canyon
GMC Sierra
GMC Yukon
Hummer H3
Hummer H3T
Pontiac G6
Pontiac Solstice
Saturn Aura
Saturn Outlook
Saturn Sky

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POWERBASS AUTOSOUND LIMITED WARRANTY POLICY

PowerBass USA, Inc. offers limited warranty on PowerBass products under normal use on the following terms:

PowerBass Autosound Speakers are to be free of defects in material and workmanship for a period of one (1) year.

This warranty applies only to PowerBass products sold to consumers by Authorized PowerBass Dealers in the United States of America. Products purchased by consumers from a PowerBass dealer in another country are covered only by that country's Distributor and not by PowerBass USA.

This warranty covers only the original purchaser of PowerBass product. In order to receive service, the purchaser must provide PowerBass with the receipt stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at PowerBass's discretion and will not be liable for incidental or consequential damages. PowerBass will not warranty this product under the following situations:

- **Speakers received with bent frames or water damage**
- **Abuse such as holes in the cone, surround or ripped spider**
- **Voice coil damage due to amplifier clipping or distortion**
- **Product that has not been installed according to this owners manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, so this limitation may not apply. No person is authorized to assume for PowerBass any other liability in connection with the sale of this product.

Please call (909) 923-3868 for PowerBass Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to PowerBass. The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused. Please pack your return carefully; we are not responsible for items damaged in shipping. Return the defective product along with a copy of the original dated retail sales receipt, plus \$12.00 for handling and diagnostic evaluation to:

**PowerBass USA, Inc.,
Attn: Returns (RA# _____)
2133 S. Green Privado Ontario, CA 91761**

Residents of HI, AK and US territories will be charged for return shipping. All inquires regarding service and warranty should be sent to the above address.

Removed or altered serial numbers will void this warranty



PowerBass Autosound – A division of PowerBass USA, Inc.

2133 S. Green Privado – Ontario, CA 91761

Tel. (909) 923-3868 – Fax (909) 923-8048

www.powerbassusa.com