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TOYOTA O.E.M. PLUG & PLAY

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.

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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

Δ Warning Δ

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 Toyota OEM Plug & Play FEATURES

- Injection PP Cone
- Nylon OEM Speaker Basket
- 1" Silk Dome Tweeter on Coaxials, OE652-TY and OE692-TY
- 3/4" Inverted Titanium Dome Tweeter on Components Kits, OE65C-TY and OE69C-TY
- 20 oz. Magnet



Fig 1 Bracket for tweeter, assembly in dashboard



Fig 2 Connector for tweeter



Fig 4

Extension Cable



Rivets



Fig 3 Connector for Prius Tweeter

(Due to constant improvements, specifications and rarameters are subject to change without notice.)									
Model #	Size	Nominal Impedance	Frequency Response	Sensitivity 1W/1M	Magnet Size	Mounting Depth	Power RMS/ Peak		
0E692-TY	6x9"	4-ohm	65Hz - 20kHz	89 dB	20 oz.	1.8"	80W/160W		
0E652-TY	6.5"	4-ohm	70Hz - 20kHz	88 dB	20 oz.	1.75"	60W/120W		
0E69C-TY	6x9"	4-ohm	65Hz - 20kHz	89 dB	20 oz.	1.8"	80W/160W		
0E65C-TY	6.5"	4-ohm	70Hz - 20kHz	88 dB	20 oz.	1.75"	60W/120W		

SPECIFICATIONS

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

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.



COMPONENT TITANIUM TWEETER SPECIFICATIONS

DOME	Nominal	FREQUENCY	SENSITIVITY	POWER
SIZE	Impedance	RESPONE	(1M / 1M)	(RMS/PEAK)
3/4" Titanium	4Ω	3K-20Khz	91 dB	45/90

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.

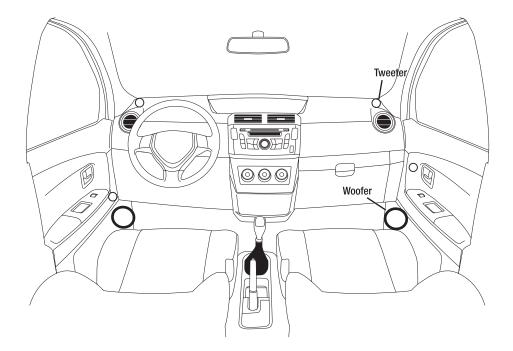
- An electric drill with drill bits
- Phillips-head and standard screwdrivers
- 10mm Socket
- Rivet Gun

INSTALLATION PRECAUTIONS

NOTE: Proceed only if you are a qualified installer otherwise; let your dealer do it.

- Always wear protective eyewear when using tools.
- Turn off all stereo and other electrical devices before you begin.
- Disconnect the (-) negative lead from your vehicle's battery.
- Keep the speakers in the package until final installation.

COMPONENT SYSTEM INSTALLATION



6X9" SPEAKER INSTALL (OE692-TY, OE69C-TY)



1. After removing the door panel, unplug speaker plug from factory speaker.



2. To remove the factory speaker either drill out the 4 rivets or unscrew the 4 x 10mm bolts (do not discard these bolts you will need them to install your new speaker).



3. Remove factory speaker.



4. Now you're ready to install your new speaker.



5. Fit speaker in place and make sure all mounting holes line up. Install with the 4 supplied rivets (see fig 5. pg 4) using a rivet gun, or the 4 x 10mm bolts you removed from the factory speaker.



6. Now plug the factory speaker plug into the new speaker. If the factory plug is not long enough try to remove some of the tape on the wire to extend it or use the supplied extension cable (see fig 4, pg 4). Reinstall door panel afterwards.

6.5" SPEAKER INSTALL (OE652-TY, OE65C-TY)



1. After removing the door panel, unplug speaker plug from factory speaker.



2. To remove the factory speaker either drill out the 3 rivets or unscrew the 3 x 10mm bolts (do not discard these bolts you will need them to install your new speaker)



3. Remove factory speaker. Now you're ready to install your new speaker.



4. Fit speaker in place and make sure all mounting holes line up. Install with the 3 supplied rivets (see fig 5, pg 4) using a rivet gun, or the 3 x 10mm bolts you removed from the factory speaker.



5. Now plug the factory speaker plug into the new speaker. If the factory plug is not long enough try to remove some of the tape on the wire to extend it or use the supplied extension cable (see fig 4, pg 4). Reinstall door panel.

DASH TWEETER INSTALL (OE69C-TY, OE65C-TY)



1. Remove grill cover to gain access to the factory tweeter.



2. Remove the 2 x 10mm bolts unplug and remove factory tweeter (do not discard these bolts you will need them to install your new tweeters.



3. Now identify the speaker plug adapter you will need from the supplied parts (see fig 2 and fig 3, pg 4) plug the tweeter in the plug adapter then into the factory plug.



4. Install tweeter into the supplied metal adapter plate (see fig 1, pg 4) and install using the 2 x 10mm bolts you removed from the factory tweeter.



5. Reinstall factory tweeter grill cover.

DOOR TWEETER INSTALL (OE69C-TY, OE65C-TY)



1. Remove or un-clip tweeter cover/housing to gain access to the factory tweeter.



2. Unplug factory tweeter plug to remove tweeter housing.



3. Unclip factory tweeter from housing using a small pic tool.



 Now install new tweeter by clipping it into the housing (some glue or modification may be necessary to install tweeter into factory location).



5. Now identify the tweeter plug adapter you will need from the supplied parts (see fig 2 and fig 3, pg 4) plug the tweeter into the adapter the into the factory plug.



6. Now reinstall the tweeter cover/housing back into the door.

LIST OF COMPATIBLE VEHICLES

OE652-TY | OE65C-TY

(Speakers may fit in newer make applications other than those listed below -Please consult your Authorized PowerBass Dealer for more details or visit www.powerbassusa.com).

Applications

Lexus CT rear location 2009-2013 Lexus ES front and rear locations2002-2006 Lexus GS front location 2006-2011 Lexus GX rear location 2003-2012 Lexus IS front location 2001-2012 Lexus IS rear location 2006-2012 Lexus RX front and rear locations 1999-2003 Pontiac Vibe front and rear locations 2003-2009 Scion TC front and rear locations 2005-2012 Scion XA front and rear locations 2004-2007 Scion XB front location 2004-2012 Scion XB rear location 2008-2012 Scion XD front and rear locations 2008-2011 Toyota 4Runner rear location 2003-2012 Toyota Avalon rear location 2005-2011 Toyota Celica front and rear locations 2000-2005 Toyota Corolla front location 2001-2012 Toyota Echo front location 2000-2005 Toyota Highlander rear location 2008-2012 Toyota Matrix front and rear locations 2002-2011 Toyota Prius front and rear locations 2001-2011 Toyota RAV4 front and rear locations 2001-2011 Toyota Seguoia front and rear locations 2008-2012 Toyota Sienna front and rear locations 1998-2012 Toyota Solara front location 1998-2003 Toyota Tacoma rear location 2005-2013 Toyota Tundra rear location 2000-2013 Toyota Tundra front location 2003-2006 Toyota Venza rear location 2009-2011 Toyota Yaris front location 2007-2012 Toyota Yaris lift back rear location 2007-2012

LIST OF COMPATIBLE VEHICLES

OE692-TY | OE69C-TY

(Speakers may fit in newer make applications other than those listed below -Please consult your Authorized PowerBass Dealer for more details or visit www.powerbassusa.com).

Applications

Lexus CT Front Location 2009-2013 Lexus GX Front Location 2003-2014 Lexus LS Front Location 2007-2014 Lexus BX Front Location 2004-2014 Toyota 4Runner Front Location 2010-2014 Toyota 4Runner Front Location 2003-2009 Toyota Avalon Front Location 2005-2014 Toyota Camry Front Location 2002-2011 Toyota FJ Cruiser Front Location 2007-2014 Toyota Highlander Front Location 2008-2010 Toyota Land Cruiser Front Location 2008-2014 Toyota Prius Front Location 2010-2014 Toyota Seguoia Front Location 2008-2014 Toyota Solara Front Location 2004-2009 Tovota Tacoma Front Location 2005-2014 Toyota Tundra Front Location 2007-2014 Toyota Venza Front Location 2009-2014

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

pb::*

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