

JBL

GTO SERIES



Multi-Element Speakers Owner's Manual

GT0325

GT0425

GT0525

GT0625

GT0635

GT06425

GT07525

GT0925

GT0935

Installation Warnings and Tips JBL GTO Series Multi-Element Speakers

About These Instructions

Installation of automotive stereo components can require extensive experience with a variety of mechanical and electrical procedures. Although these instructions explain how to install GTO Series multi-element speakers in a general sense, they do not show the exact installation methods for your particular vehicle. If you feel you do not have the experience, do not attempt the installation yourself, but instead ask your authorized JBL car audio dealer about professional installation options.

Loud Music and Hearing

Playing loud music in an automobile can permanently damage your hearing, as well as hinder your ability to hear traffic. The maximum volume levels achievable with JBL speakers, combined with high power amplification, may exceed safe levels for extended listening. We recommend using low volume levels when driving. JBL accepts no liability for hearing loss, bodily injury, or property damage as a result of use or misuse of this product.

Rear Deck Precaution

In some cars, fuel tanks may be located directly beneath the rear deck. Before installation, make sure there is adequate speaker-basket clearance before considering this location!

About the Crossover

Each GTO Series multi-element speaker includes a built-in crossover network and requires no additional external circuits for proper operation. To insure correct polarity connections, each speaker is also equipped with keyed terminals (see Figure 4 on page 3).

General Care

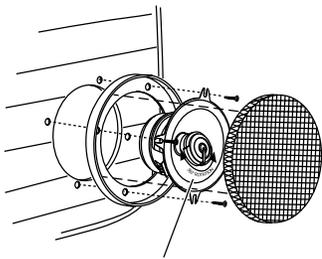
The loudspeaker grilles may be cleaned with a damp cloth. Do not use any cleaners or solvents on the grilles or the speaker cones.

Installation Tips

- Always wear protective eyewear when using any tools.
 - Turn off all audio components and other electrical devices before you start. Disconnect the negative (-) lead from your vehicle's battery.
 - Keep speakers in their package until final installation. When moving a speaker, always rest it with the cone or dome facing up. Never use force to install any speaker.
 - Check clearances on both sides of a planned mounting surface before drilling any holes or installing any screws. Remember that the screws can extend behind the surface.
 - At the installation sites, locate and make a note of all fuel lines, hydraulic brake lines, vacuum lines and electrical wiring. Use extreme caution when cutting or drilling in and around these areas.
 - Before drilling or cutting holes, use a utility knife to remove unwanted fabric or vinyl to keep material from snagging in a drill bit or saw.
- For door installations, check the clearance with the windows throughout the range of the window's travel, and verify that a mounted speaker will not interfere with the window crank or power-window mechanism.
 - If mounting speakers elsewhere, check for clearance around rear-deck torsion bars, glove box or other structural elements.
 - Do not mount speakers where they will get wet.

Installation and Connections JBL GTO Series Multi-Element Speakers

Figure 1. Mounting the GTO325, GTO425 or GTO525. Although not shown below, the GTO625, GTO635, GTO925 and GTO935 all mount in a similar way.



ROTATE AND AIM TWEETER SO IT FACES THE LISTENER USING THE OMNIPIVOT™ FEATURE ON THE GTO525, GTO625, GTO635, GTO7525 AND GTO925.

Figure 2. Modifying the GTO325 or GTO425 for installation in locations requiring fewer than four mounting "ears".

NOTE: Bend tab back and forth to detach it from the speaker.



Figure 3. Mounting the GTO6425 or, not shown, the GTO7525.

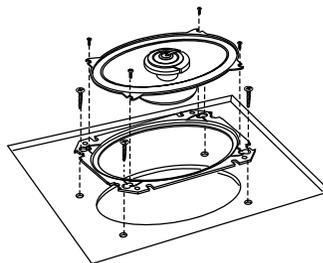
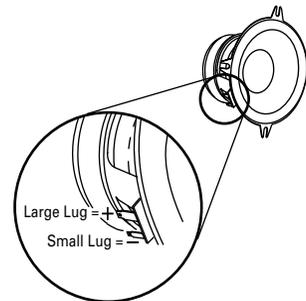


Figure 4. The GTO's keyed terminals aid in making correct polarity connections.



Declaration of Conformity



We, Harman Consumer International
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72500 Chateau-du-Loir
FRANCE

declare in own responsibility, that the products described in this owner's manual are in compliance with technical standards:

EN 50081-1:1992

EN 50082-1:1992

Lutz Uphoff
Lutz Uphoff
Harman Consumer International
Chateau-du-Loir, France. 3/01

Specifications JBL GTO Series Multi-Element Speakers

Type	GTO325	GTO425	GTO525	GTO625
Speaker Impedance	3-1/2" 2-way	4" 2-way	5-1/4" 2-way	6-1/2" 2-way
Power Handling	4 ohms	4 ohms	4 ohms	4 ohms
Sensitivity (2.83V, 1m)	25W RMS, 75W peak	35W RMS, 100W peak	45W RMS, 135W peak	60W RMS, 180W peak
Frequency Response	92dB	92dB	92dB	92dB
Mounting Depth	90Hz – 21kHz	90Hz – 21kHz	70Hz – 21kHz	55Hz – 21kHz
Cut-out Diameter	1-3/8" (35mm)	2-1/8" (54mm)	2-3/16" (56mm)	2-1/16" (53mm)
	3-1/4" (83mm)	3-9/16" (91mm)	4-5/8" (118mm)	5-1/16" (129mm)

Type	GTO635	GTO6425	GTO7525	GTO925
Speaker Impedance	6-1/2" 3-way	4" x 6" 2-way	5" x 7" 2-way	6" x 9" 2-way
Power Handling	4 ohms	4 ohms	4 ohms	4 ohms
Sensitivity (2.83V, 1m)	60W RMS, 180W peak	40W RMS, 120W peak	60W RMS, 180W peak	100W RMS, 300W peak
Frequency Response	92dB	91dB	92dB	92dB
Mounting Depth	55Hz – 21kHz	75Hz – 21kHz	50Hz – 21kHz	50Hz – 21kHz
Cut-out Diameter	2-1/16" (53mm)	1-5/8" (42mm)	2-3/16" (56mm)	2-7/8" (74mm)
	5-1/16" (129mm)	5-11/16" x 3-1/4" (145mm x 83mm)	7-3/16" x 5" (183mm x 127mm)	8-3/4" x 5-15/16" (223mm x 151mm)

Type	GTO935
Speaker Impedance	6" x 9" 3-way
Power Handling:	4 ohms
Sensitivity (2.83 V, 1m)	100W RMS, 300W peak
Frequency Response	92dB
Mounting Depth	50Hz – 21kHz
Cut-out Diameter	2-7/8" (74mm)
	8-3/4" x 5-15/16" (223mm x 151mm)

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Made in USA Printed in USA 3/01  Part No. GTOMULTIOM3/01

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