
SUBTOMIX[™] Custom Subwoofer Enclosures

instruction manual

For Subtom[™] Type-R and Type-S Enclosures

Important: Read Before Installing

— **WARNINGS** —

ENCLOSURE MUST BE SECURELY ATTACHED TO VEHICLE FOR SAFETY.

BE SURE TO OCCASIONALLY CHECK SCREWS AND TENSION RODS.

(Tension rods may “settle” after assembly and/or end plate change as the rubber gaskets compress.)

Depending on your vehicle and mounting location,
you may need additional support bracing - more information inside.

Do not get the enclosure wet or expose to the elements.

congratulations...

and thank you for your purchase. You now own a totally custom Subtom™ enclosure that was made just for you. After proper installation, you will experience a great-sounding enclosure and custom-look for your system that is unlike any other. Please read all instructions before installing, and feel free to contact us if you have any further questions.

What is included:

- 1/2" thick spirally-wound shell
- Shell covering: simulated-leather for Type-R; and artwork/clear-cover for Type-S.
- 1 solid end plate w/ wire terminals
- 1 speaker end plate
- All hardware and seals
- 2 aluminum horizontal mounting brackets w/ rubber bushings
- 1 key wrench
- 1 port tube
- These instructions

What you will need:

- Subwoofer(s), amp(s) and all wiring
- Screws/bolts (4) to attach the mounting brackets to your vehicle (fasteners)
- Subwoofer gasket/seal (recommended)
- 1" Fiberglass insulation (optional)
- Saw, drill and glue to install port tube (optional)
- Installation

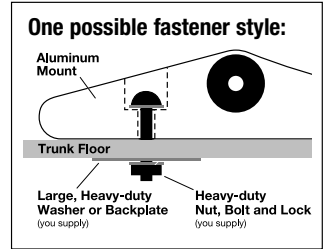
*If you are not experienced in car audio installations,
have a local professional install for you.*

PLEASE NOTE: Enclosure must be securely mounted to a rigid, horizontal surface in your vehicle. Depending on vehicle construction and mounting location, you may need additional support bracing. For example, the trunk floor in some cars can be very flimsy, and can sag, allowing the enclosure to wobble or possibly come loose during sudden turning or braking. Metal or wood bracing can be added under the floor to make it rigid.

DO NOT ATTEMPT TO MOUNT THE ENCLOSURE IN ANY WAY OTHER THAN DESCRIBED IN THESE INSTRUCTIONS.

Installing the enclosure in your vehicle:

1. BEFORE YOU INSTALL YOUR SUBWOOFER OR DO ANYTHING ELSE, carefully place the enclosure(s) in your vehicle and mark where the holes will be made for the mounting brackets. Try to choose a location with at least 3-6" of empty space on every side.
2. Decide which fastener style you will need, according to your mounting application. Use large washers, back plates or braces to prevent the bolts from pulling through or coming loose (see illustrated sample).
3. Remove from your vehicle. **Take note of how the mounting brackets are connected to the enclosure.** Then, with the included key wrench, remove the 2 tension rods on each end that run through the rubber grommets, detaching the mounting brackets from the enclosure.
4. Install the brackets in your vehicle by themselves on the marks you made before.
5. Install your subwoofer and wiring into the enclosure. Be sure to use a speaker gasket.

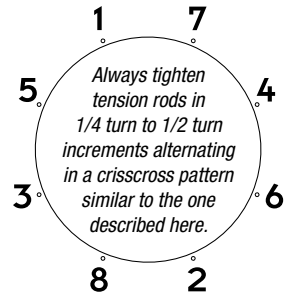


Note: When installing and removing end plates and subwoofers, it is always better to do it with the enclosure out of the vehicle, resting on one rim on a flat surface. Enclosure can be removed from vehicle easily by removing the 4 bottom tension rods.

6. Gently place the enclosure onto the "cradle" that the mounting brackets make together. Lift each end of the enclosure slightly and insert the tension rods one at a time through the rim and bushings and into their lugs. **DO NOT OVER-TIGHTEN THE TENSION RODS.** Connect your external wiring and adjust the amplifier levels and crossover points.

Mounting your subwoofer:

When the enclosure is fully assembled (right out of the box), a subwoofer can be mounted just like with any standard enclosure. If possible, use screws that don't go all the way through the end plate. Always pre-drill holes for screws and use a gasket for your subwoofer. Once mounted, a subwoofer can stay attached to its end plate whenever the plate is removed. We make the subwoofer cutout on end plates to fit most subwoofers, however you may need modify the cutout slightly if your subwoofer doesn't fit.



Removing & installing plates:

It is not necessary to remove the end plates unless you are changing them.

To remove end plates - loosen and remove the 8 tension rods that hold the retaining rim and lift the rim and plate off the shell. The rubber seal attached to the end plate will remain flattened at first, but will eventually return to its normal shape.

To re-install - place the plate on the enclosure shell, making sure the rubber seal remains in the correct position. Place the retaining rim onto end plate, then insert all 8 tension rods. Tighten *by hand* in a crisscross pattern (see illustration) while pushing down on the rim, then use the key wrench to finish tightening. You only need to tighten them until the rubber seal is *evenly* flattened and the end plate is secure and airtight. For Type-S enclosures: Make sure the clear shell cover fits into the groove on the plate all the way around the shell - you may have to push it in with your finger, especially at the seam.

Note: *Tightening and loosening tension rods will not tune your enclosure like a drum. Do not over-tighten the tension rods, which can cause damage to the enclosure's shell.*

Installing the port tube: (optional)

Trace the included port tube with a pencil in the location you want it mounted to the end plate. Cutout the hole carefully and glue the tube in place, making sure it is airtight around the edges. The length of the tube can be cut to “tune” the enclosure to your subwoofer. See our website for more information.

We recommend lining the inside of your enclosure with 1” fiberglass insulation for improved sound (optional).

Cleaning:

TYPE-R - Clean the everything with a soft cloth or soft brush using water and mild soap. A detergent cleaner such as Formula 409 or Fantastik can be used on the shell surface for tough stains.

TYPE-S - Clean everything with a soft, damp, lint-free cloth soaked with water and if necessary, mild soap. To avoid scratching or damaging the glossy surface of your enclosure, never clean with abrasives or chemicals. Never wipe with a dry cloth.

Don't forget to send us a picture* of your installed enclosure(s) for us to post on our Subtom™ Set-ups web page.

Please include some information about your sound system and vehicle.

***We want to hear from you about
your Subtom™ experience!***

SUBTOMIX™
subtoms.com

Customer Service:

We handle all customer service through e-mail or regular mail. If you have any questions, please let us know at support@subtoms.com or write to Subtomix Support, P.O. Box 1764, Glendale, AZ 85311.

See our website for replacement end plates and mounts.

*Digital file or picture to be scanned. Not all submitted photos will be posted on our web page. All submissions become property of Subtomix USA and cannot be returned.
