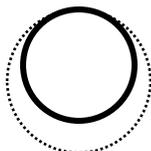


## IMPORTANT TIPS & F.A.Q.

- 1) The self-tapping screws are for attaching the Quad-Pods to the vehicle. The black screws are for mounting the speakers.
- 2) Check under the wheel wells and sidewalls of the vehicle to ensure that your choice of placement for the self-tapping screws will not interfere with any undercarriage components. Also make sure that the Quad-Pods are placed correctly, allowing the rear seat to fold and tumble forward. The pods attach by running the screws right through the carpet and into the body of the vehicle.
- 3) Using an amplifier to power the Quad-Pods is **HIGHLY RECOMMENDED**. A four-channel amplifier would work best. The amplifier can easily be mounted under the rear seat or between the Quad-Pods in the rear cargo area.
- 4) **YOUR RADIO IS ABSOLUTELY THE MOST IMPORTANT COMPONENT IN YOUR AUDIO SYSTEM!** Speakers and amplifiers can only replicate the signal they receive. If your radio is just average, then the quality of sound coming from your speakers will be greatly compromised. Using a radio with low-level inputs (RCA's) of 4 volts or more will send a super-clean signal to your amplifier(s) and speakers.
- 5) When you're conducting sound tests on the Quad-Pod, check your FM sound as well as your CD, MP3, etc. sound. No matter what radio you have, the exact same song played on FM typically won't sound as good or get as loud since it's an external signal.
- 6) The best place to run an amplifier power wire through the firewall and to your Jeep's battery is on the bottom right-hand corner of the firewall on the passenger's side, just above where the floor slopes upward and meets the firewall. You'll see a little metal that's exposed, that's where you want to drill a hole to run the amplifier power wire through. Mount the power wire's fuse block in the engine compartment, above your battery. Drill two pilot holes in the firewall and run two screws through the fuse block and into the firewall.
- 7) **The ground wire for an amplifier should be as short as possible.** For best results, mount it by way of a ring terminal to one of the rear seat bolts that mounts the seat to the floor. Remove the seat bracket and scrape some paint out of the way to expose bare metal on the floor boards for the ring terminal to rest on. **FOLLOWING THIS METHOD WILL ENSURE A GREAT GROUND!** **We also recommend that you ground your radio at the same place as the amplifier.** This can be accomplished by cutting the ground wire at the back of the radio and attaching it to a new wire, which is run from your radio to the amplifier's ground location. This method will reduce all ground loops between your radio and amplifier, reducing the risk of alternator 'whine'.
- 8) **You may have to cut the speaker holes larger to accept your particular speakers;** easily done with a rotary cut-out tool, such as a dremel® or roto-zip® tool with a wood/plastic cutting bit. You can use a jig saw, just be sure that the blade doesn't hit the back of the pod as you're cutting the holes larger. 6 1/2" speakers usually require mounting diameters of anywhere from 5" up to almost 6". The pre-cut hole is approximately 5". (We have to make all factory holes small so they work with speakers requiring smaller mounting diameters.) The same goes for the subwoofer holes. If you purchased the pods with speakers included, you'll probably have to cut the 6.5" full-range speaker holes a little larger. Check first, but you'll probably have to cut the 6.5" speaker holes more toward the bottom so the grilles are centered nicely on the pods' face, leaving the very top uncut, something like this:

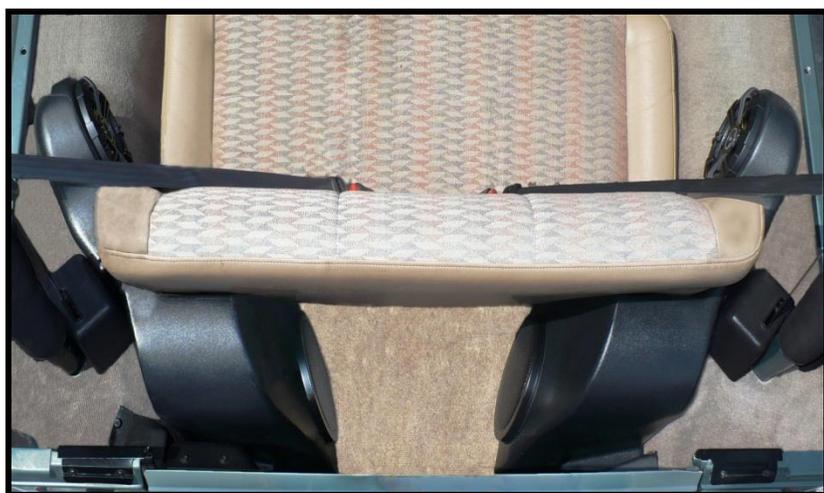
Factory hole ———  
Your new cut .....



- 9) Plug remaining air space where the speaker wires go through the grommet holes on the pods with a glue gun, wax, etc. to seal the chambers. If air can escape in these areas it can result in a vibration and/or whistling sound.
- 10) **TJ's may have the base of the Quad-Pod raised slightly off the floor of the vehicle when installed. CJ's and YJ's will sometimes have the units sit flush on the floor. TJ owners may have to remove the cargo hooks on the floor behind the rear seat. TJ owners may want to place a 1/2" board under the subwoofer areas of the pods, between the pods and the floor, if the pods are resting correctly on the wheel-wells, but are not resting directly on the floor behind the back seat.**



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## INSTALLATION

### Required tools:

- Drill and phillips bit
- Exacta knife/ razor blade
- Wire cutters / strippers
- Wire terminal crimper
- Roto cut-out tool if must make speaker hole larger
- 5/16" socket bit and extension for drill
- OR
- 5/16" ratchet socket and extension and a small drill bit for pilot holes

- 1) Put the units in their 'installed' position and check for full use of fold & Tumble rear seat and soft top hardware. CJ & YJ owners have more space to work with and can move the units to the front and the rear for positioning. TJ owners have a more "snug" fit.
- 2) With the Quad-Pods in their 'to be installed' positions, figure out where you want to cut small slits in the carpet near the grommet holes for your speaker wires, one for the 6 1/2" and one for the subwoofer on each pod, for a total of four slits. Note: you may be able to run the wires for the subwoofers between the wheel well and tailgate area carpet pieces, negating cutting a slit.
- 3) Run the wires. Bring them up through the grommet holes and into the pods, no speakers yet!
- 4) Make sure the units are in their actual "to be installed" position and check the backside of your wheel wells for general areas the self-tapping screws can come through, without hitting any of your vehicle's components. You'll use one screw in the 6 1/2" cavity, behind the speaker, to go through the bottom of the Quad-Pod and into the wheel-well. **TJ owners have a 'rolling' wheel well and will want to run this screw in on a slight angle, as far to the rear as possible, to catch the metal of the wheel-well.** You'll use two screws behind the subwoofer to go through the Quad-Pod and into the wheel-well. It is recommended that the screw behind the subwoofer is NOT drilled into the floor because the pods may rest slightly off the floor. Having someone hold the pods firmly in place while affixing them to the vehicle so they don't move is highly recommended.
- 5) With a pod in place and wires run, and without allowing the pod to move or slide, run the screws behind the subwoofer cavities through the plastic and into the wheel well. Next, do the same for the screw in the bottom of the 6 1/2" speaker cavity. Repeat process for the other pod.
- 6) Connect the speaker wires to the speakers, making sure the positive and negative leads are connected to their respective speaker tabs and perform a sound check.  
Next, replace the fiber-fill in the 6 1/2" cavity and screw the 6 1/2" speaker in place. Next are the subs. There is a specific method for installing the subs and the grilles:  
First, center the subwoofer in the pod and mount it using only (4) of the shorter phillips-head screws for each subwoofer at the 12, 3, 6, and 9 o'clock positions.  
Now, one pod at a time, place the grille back plates on top of the subwoofers, lining up the screw holes to the unused screw holes in the subs. The back plate screw holes rest on top of the sub's rubber gasket, and the edge of the back plate faces upward. Use the remaining longer phillips screws (4 screws for each sub) and screw the plate to the top of the subwoofer. Then you just push the mesh grille cover over the back plate. **The reason the back plate doesn't go on first is that, when the subs hit a bass note, the cone excursion will have the rubber surround hit the mesh cover and ruin the sound.**
- 7) Now that the units are fully installed, a true sound check can be made. Adjust the controls on your amplifier and/or radio until you like what you hear overall, listening to a variety of music. Remember to check sound quality on both FM and CD / tape, since signal will vary (see #5 on first page).