GOLFCARTFAB.com
3D PRINTED ACCESSORIES

ROOF RAIL SPEAKER POD MOUNT

DENAGO ROVER XL - INSTALLATION GUIDE



TOOLS REQUIRED



10 mm Socket
Hand Ratchet

Optional:



Impact Driver
with 10 mm Socket

BEFORE YOU BEGIN — SPEAKER WIRE ROUTING

Before installing the Roof Rail Pod Mount, determine how you want to route your speaker wires. You have two options:

1. **Concealed Wiring:** Route the speaker wires inside the factory vertical roof rail for the cleanest, hidden installation. Before installing the Roof Rail Pod Mount, hold it in its intended position to determine where to drill a hole in the lower portion of the vertical roof rail. After drilling, fish the speaker wires down through the inside of the rail.
2. **External Wiring:** Route the speaker wires along the outside of the factory vertical roof rail and secure them neatly with zip ties.

For either method: Run the speaker end of your wires through the back opening of the Roof Rail Pod Mount before installation, as shown.

Be sure to pull ample speaker-wire slack through the main channel of the Roof Rail Pod Mount. This will provide enough working length after the mount is installed to feed the speaker wires through the base of the speaker pod and make your speaker connections before attaching the pod.



Route speaker wires through back opening as shown.

NOTE: There is sufficient clearance between the Roof Rail Pod Mount and the factory vertical roof rails to allow speaker wire routing.

STEP 1



Loosen Both Factory Bolts

Using a conventional 10 mm socket and hand ratchet, carefully loosen both factory roof-rail bolts. Only loosen them enough to break the factory torque/tightness. Do not remove either bolt yet. Keeping both bolts engaged at this stage helps maintain proper alignment of the factory roof rail.

STEP 2



Remove the Rear Bolt First

Remove only the bolt closest to the rear of the cart, leaving the front bolt installed to maintain roof-rail alignment.

You can use a hand ratchet or an impact driver with a 10 mm socket attachment.

STEP 3



Position the Roof Rail Pod Mount

Insert the removed factory bolt through the corresponding mounting hole in the Roof Rail Pod Mount. Tilt the bracket at a sufficient angle to allow the factory bolt to be threaded back into its original keeper nut in the upper roof rail.

IMPORTANT: Orient the mount so the large threaded speaker-pod mounting interface faces **INWARD** toward the cabin of the cart.

STEP 4



Start the Rear Bolt

Carefully thread the rear factory bolt into its keeper nut. Tighten it only a couple of complete threads—just enough to confirm that the bolt has properly engaged.

Do not force the bolt.
Take extra care to avoid cross-threading the factory keeper nut.

STEP 5

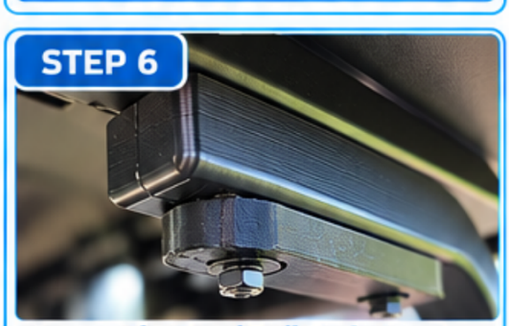


Install the Front Bolt

Once you have confirmed that the rear bolt is properly started, remove the remaining front factory bolt. Position the Roof Rail Pod Mount into place, insert the front bolt through the other mounting cutout, and carefully start it into its factory keeper nut.

Tighten it only a couple of complete threads initially and confirm that it is threading correctly before tightening.

STEP 6



Secure the Roof Rail Pod Mount

With both factory bolts correctly threaded, tighten them evenly until the Roof Rail Pod Mount is firmly secured against the factory roof rail.

Do not over-torque. If using an impact driver, use extra care when performing final tightening. Excessive tightening could compress or crush the base of the Roof Rail Pod Mount.

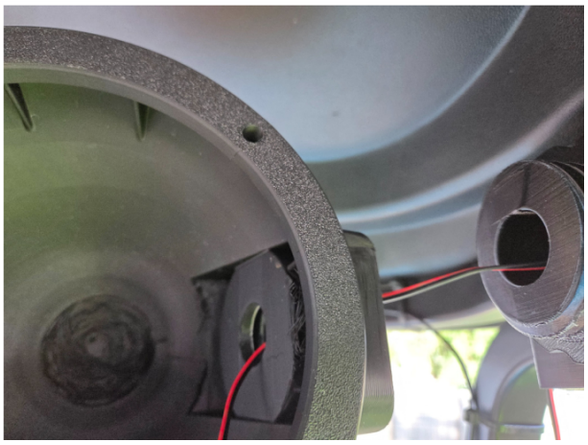
REPEAT ON OPPOSITE SIDE

Once installation is complete on one side of the cart, repeat the same procedure on the opposite side.

ROOF RAIL SPEAKER POD MOUNT

INSTALLING YOUR SPEAKER POD

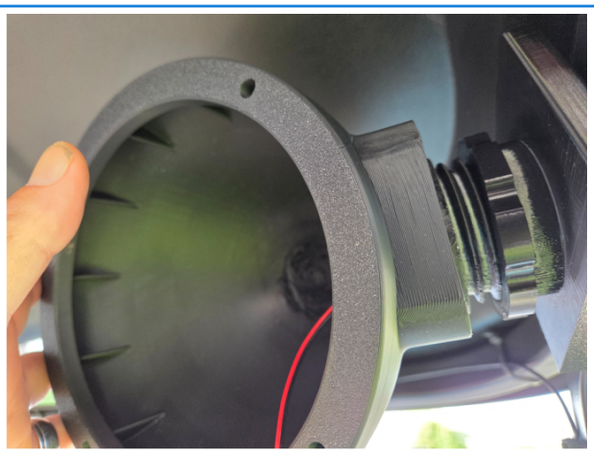
After both Roof Rail Pod Mounts are installed, complete the speaker-pod installation as shown below.



STEP 7

Feed Speaker Wire Through the Pod

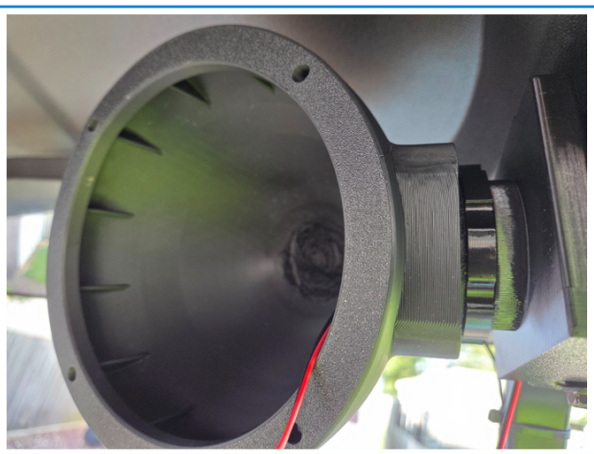
Pull the speaker wire through the center opening of the Roof Rail Pod Mount and then through the wiring opening in the base of your speaker pod. Leave ample wire inside the pod so you can comfortably make the speaker connections after the pod is mounted.



STEP 8

Thread the Speaker Pod onto the Mount

Align the female threaded interface of the speaker pod with the male threaded interface of the Roof Rail Pod Mount. Carefully rotate the speaker pod clockwise to begin threading it onto the mount. Continue rotating until the pod is securely engaged.



STEP 9

Orient & Lock the Speaker Pod

Rotate the speaker pod to your desired listening orientation. While holding the pod in position, rotate the provided jam nut until it becomes tight against the speaker pod. The jam nut locks the pod in the selected orientation.

FINISH YOUR SPEAKER INSTALLATION

Your GolfCartFab speaker pods are intentionally supplied without pre-drilled speaker mounting holes so they can accommodate the mounting pattern of your selected speakers. Position the speaker in the pod and mark/drill the required mounting holes. Connect the speaker wires, then install the speaker.

IMPORTANT Follow your speaker manufacturer's installation instructions and use the hardware provided by the speaker manufacturer to mount and secure your speakers. Confirm all wiring connections before final tightening.