



Race-Light Dual Bottle Roll Bar Mounting Bracket

PART NUMBERS: 00-32031-RB, 00-32033-RB, 00-32035-RB

ASSEMBLY INSTRUCTIONS

These Nitrous Outlet bottle mounts are designed specifically for the Nitrous Outlet 10 and 15lb aluminum bottles and 12lb carbon bottles. If you need any assistance during installation or if you have questions about this bottle mounting bracket, call our Tech Help Line at (254) 848-4300.

Tools Needed for Installation*:

- 3/16" Allen Wrench
- 1/2" Wrench
- Loctite



Installation Tip:

Red Loctite is recommended on all threaded fasteners.



Step 1:

10 & 15lb Aluminum bottles - Have a N2O logo located in the center of the bottom plate. Using the supplied 5/16-18 x 1/2" button head cap screws, attach the four short support bars to the bottom plate, above and below the N2O logo.



12lb Carbon bottles - Have an open circle in the center of the bottom plate. Using the supplied 5/16-18 x 1/2" button head cap screws, attach the four short support bars to the bottom plate, in the four holes on the longest sides of the plate, opposite each other.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s). Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting in the installation of any product(s). Nitrous oxide is for off-road use only.

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Race-Light Dual Bottle Roll Bar Mounting Bracket

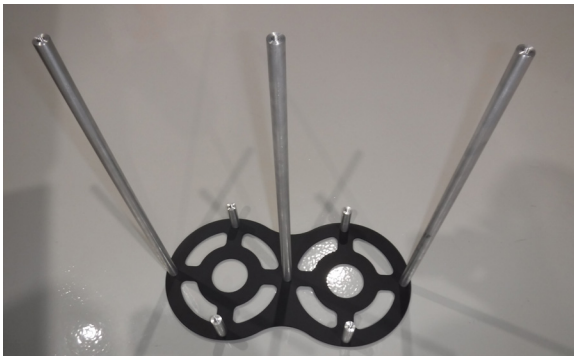
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Step 2:

Using the supplied button head cap screws, install the longest support bars on the bottom plate in the remaining three locations.



Step 3:

Position the lower support ring so that the mounting tab and Nitrous Outlet Logo are facing to the opposite direction of the bottom plate. Clock the lower support ring so that the three long support bars slide through the larger diameter holes across from one another. Using the supplied button head cap screws attach the front of the lower support ring to the short support bar.

Note: 10 & 15lb Aluminum bottles - Make sure you have the N2O logo facing in the direction you prefer.



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Step 4:

Install the supplied 5/16-18 x 3/4" long threaded studs through the rear holes in the lower support ring and into the short support bars. Screw the studs in 4 complete turns.



Step 5:

Thread the mid length support bars onto the studs at the rear of the lower support ring.



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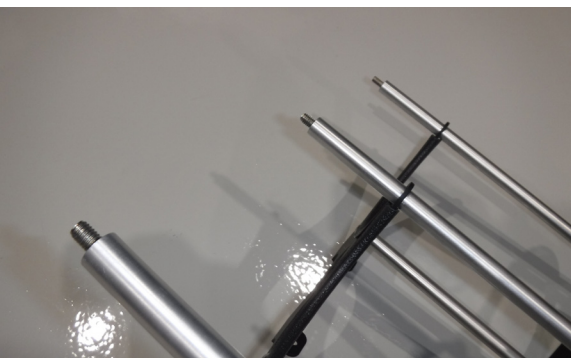
Step 6:

Position the top cradle support mount so that the mounting tabs are facing towards the lower support ring and the Nitrous Outlet logo in the opposite direction. Slide the top cradle support mount down the long support bars. Using supplied button head cap screws attach the cradle to the mid length support bar.



Step 7:

Apply red Loctite to only one end of the supplied 5/16-18 x 1" long studs.



Step 8:

Thread the end with Loctite into the three long support bars.

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Step 9:

Using a 3/16" Allen wrench and 1/2" wrench, bolt the roll bar mounting plate to the top cradle support mount and lower support ring mounting tabs using the provided 5/16-18 x 1" button head cap screws and 5/16-18 lock nuts.



Step 10:

Place the Nitrous Bottles in the Race-Light bracket.



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Step 11:

Position the bottle neck supports so that they contour the front of the nitrous bottle necks and slide down the rod studs.



Step 12:

Install the screw knobs on to the studs.



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Conclusion:

You have finished the Race-Light bracket assembly. Now bolt it into the desired location.



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Race-Light Single Bottle Roll Bar Mounting Bracket

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INSTALLATION INSTRUCTIONS

The Nitrous Outlet Race-Light bottle mounting brackets are designed to provide a light weight and rigid mounting option for carbon 12lb nitrous bottles or aluminum 10lb & 15lb nitrous bottles. If you need any assistance during installation or if you have questions about this bottle mounting bracket, call our Tech Help Line at (254) 848-4300.

Tools Needed for Installation:

- 3/16" Allen Wrench
- 1/4" Allen Wrench
- 1/2" Wrench
- Marker
- Drill
- 11/32" Drill Bit



Step 1:

Determine the correct mounting location for your bottle. With your bottle in the bracket, hold it in the desired location.



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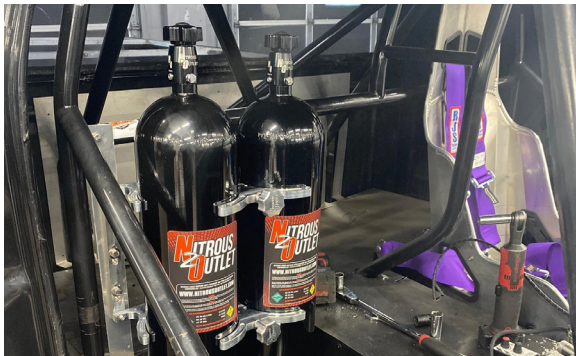
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INSTALLATION INSTRUCTIONS



Lay Down Mounting - If mounting the bottle in lay down position, the bottle valve must be towards the front of the vehicle with the bottle nipple facing down. This position will orient the siphon tube at the back of the bottle where the liquid nitrous will be during acceleration.



Vertical Mounting - If mounting the bottle vertically, the bottle nipple must face toward the back of the vehicle. This position will orient the siphon tube at the back of the bottle where the liquid nitrous will be during acceleration.



Sideways Mounting - If mounting the bottle sideways, the bottle nipple must be angled around 45° downward, toward the rear of the vehicle. This position will orient the siphon tube at the back side of the bottle where the liquid nitrous will be during acceleration.

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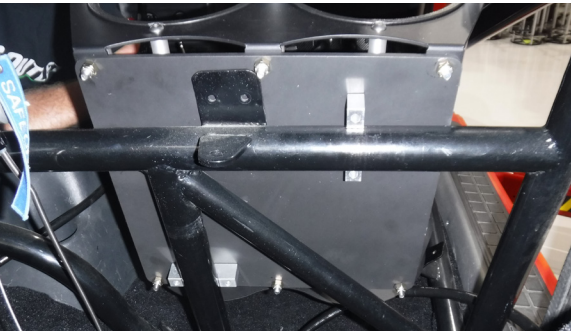
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INSTALLATION INSTRUCTIONS



Step 2:

Once your location has been determined, you will need to position the roll bar brackets in the correct orientation. Remove the bottles from the bracket.



Step 3:

The roll bar brackets will be bolted directly to the bottle plate. Place the brackets without the bolt head counterbores between the mounting plate and the roll bars in the desired location.



Step 4:

Mark the desired bracket locations on the roll cage bar.



Step 5:

Mark the desired bracket hole locations on the mounting plate. You will need to make sure that the roll bar brackets have sufficient edge distance on the mounting plate. The mounting holes need to be at least 1/2" from the edge of the mounting plate.

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Step 6:

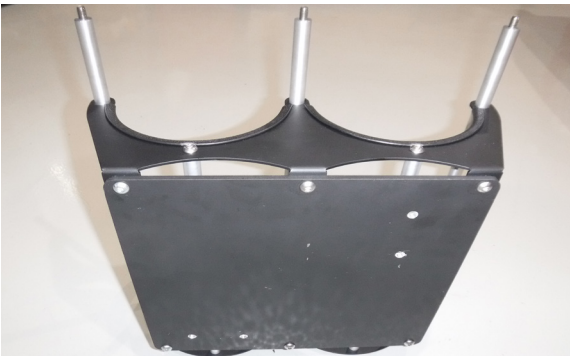
Remove the bracket from the vehicle. Remove the mounting plate from the bracket.



Step 7:

Double check the edge distance of the marked holes to make sure they are at least 1/2" from the edge of the mounting plate. Using a drill and 11/32" drill bit, drill the holes marked on the mounting plate.

***Note:** The center to center hole dimension of the roll bar brackets is 2 1/2".*



Step 8:

Reinstall the mounting plate on the bracket.



Step 9:

Position the roll bar mounts around the bar with the provided 5/16-18 x 2 1/2" machine screws in the marked location. One bar mount is recessed for the screw head.

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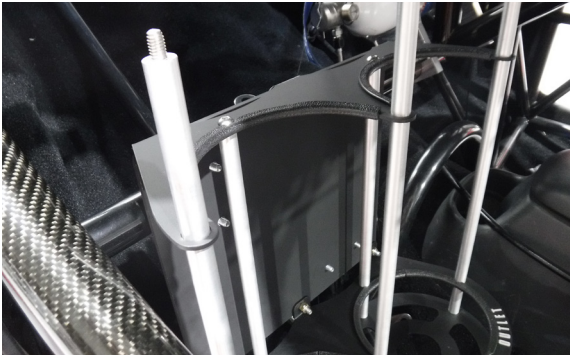
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Step 10:

Position the bottle bracket with the machine screws through the corresponding holes in the mounting plate.



Step 11:

Using a 1/2" wrench and 1/4" Allen wrench, tighten the bracket and clamps to the roll cage bar with the provided 5/16-18 lock nuts.



Step 12:

Place the bottles back in the bracket in the correct position.

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Step 13:

Position the bottle neck supports so that they contour the front of the nitrous bottle necks and slide down the rod studs. Screw the knobs on to the studs.



Conclusion:

You have finished the bottle bracket installation.

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