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Allen 102DB

Allen Sports Deluxe 2-Bike Trunk Mount Rack

Model: 102DB

PRODUCT OVERVIEW

The Allen Sports Deluxe 2-Bike Trunk Mount Rack, Model 102DB, offers a convenient and secure solution for transporting up to two bicycles on your vehicle's trunk. This rack is designed for universal fit on most sedans, hatchbacks, minivans, and SUVs, eliminating the need for a roof rack. It arrives fully assembled, ensuring a straightforward setup process.

Key features include:

- Trunk mounted design for broad vehicle compatibility.
- Capacity to carry up to 2 bikes.
- Patented individual tie-down system for secure and protected bicycle transport.
- Twelve-inch long carry arms to easily accommodate bicycles.

SETUP INSTRUCTIONS

The Allen Sports Deluxe 2-Bike Trunk Mount Rack comes pre-assembled for quick installation. Follow these steps to properly attach the rack to your vehicle:

1. **Unfold the Rack:** Carefully unfold the rack until it locks into its open position.
2. **Position on Trunk:** Place the rack on the rear of your vehicle's trunk or hatchback. Ensure the padded feet rest firmly against the vehicle's surface to protect the paint.
3. **Attach Top Straps:** Hook the top straps securely to the upper edge of your trunk lid or hatchback. Pull the straps taut to ensure a snug fit.
4. **Attach Side Straps:** Hook the side straps to the sides of your trunk or hatchback. Tighten these straps to pull the rack firmly against the vehicle.
5. **Attach Bottom Straps:** Hook the bottom straps to the lower edge of your trunk or hatchback. Pull these straps tightly to secure the base of the rack.
6. **Verify Stability:** Once all straps are attached and tightened, firmly shake the rack to ensure it is stable and does not shift. Re-tighten any loose straps.



Image: The Allen Sports Deluxe 2-Bike Trunk Mount Rack securely mounted on a vehicle's trunk.

OPERATING INSTRUCTIONS

Once the rack is securely installed on your vehicle, you can proceed to load your bicycles. The rack is designed to carry up to two bikes.

- 1. Prepare Bikes:** Remove any loose items from your bicycles, such as water bottles or bags.
- 2. Lift and Place:** Lift the first bicycle and place its frame onto the rack's carry arms. Position the bike so that its weight is evenly distributed.
- 3. Secure with Tie-Downs:** Utilize the patented individual tie-down system to secure the bicycle frame to the carry arms. Ensure each cradle strap is wrapped tightly around the bike frame and fastened.

4. **Repeat for Second Bike:** If transporting a second bicycle, repeat the lifting, placing, and securing steps.
5. **Final Check:** Before driving, double-check that both bicycles are firmly secured and do not wobble. Ensure no parts of the bikes are obstructing vehicle lights or license plates.



Image: A person demonstrating the loading of a bicycle onto the rack.



Image: Detailed view of the patented tie-down system for securing bicycles.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Allen Sports Deluxe 2-Bike Trunk Mount Rack.

- **Cleaning:** Periodically clean the rack with mild soap and water to remove dirt, road grime, and salt. Rinse thoroughly and dry completely to prevent rust.
- **Strap Inspection:** Before each use, inspect all straps for fraying, cuts, or excessive wear. Replace any damaged straps immediately.
- **Padding Check:** Ensure all protective pads are intact and securely attached. These pads prevent scratches and damage to your vehicle's finish.
- **Component Check:** Verify that all bolts, nuts, and moving parts are secure and functioning correctly. Lubricate moving joints if necessary.
- **Storage:** When not in use, store the rack in a dry, protected area. The rack is foldable for convenient storage.

TROUBLESHOOTING

If you encounter issues with your bike rack, consider the following common solutions:

- **Rack Feels Loose:** Ensure all six mounting straps (two top, two side, two bottom) are pulled as tight as possible. The rack should not move independently of the vehicle.
- **Bikes Shifting During Transport:** Verify that the individual tie-down cradles are securely fastened around the bicycle frames. Consider using additional bungee cords or straps to prevent wheel rotation or bike-to-bike

contact.

- **Scratches on Vehicle:** Confirm that all padded feet are correctly positioned and making full contact with the vehicle's surface. Ensure no metal parts of the rack are directly touching the vehicle's paint. Clean both the vehicle's surface and the rack's pads before installation.
- **Difficulty Loading Bikes:** For bikes with non-standard frames (e.g., women's bikes, full-suspension bikes), a top tube adapter bar (sold separately) may be required to provide a level mounting point.

SPECIFICATIONS

Feature	Detail
Model Number	102DB
Brand	Allen
Color	Black
Item Dimensions (L x W x H)	23 x 15 x 4 inches
Load Capacity	70 Pounds
Mounting Type	Strap
Automotive Fit Type	Universal Fit
Item Weight	8 pounds
Special Features	Foldable

WARRANTY AND SUPPORT

The Allen Sports Deluxe 2-Bike Trunk Mount Rack includes a Manufacturer's Lifetime Warranty on workmanship and materials, ensuring long-term reliability and peace of mind.

For additional support, product information, or to explore other Allen Sports products, please visit the official [Allen Sports Store](#).