



Manuals.plus /

- › **RAM MOUNTS** /
- › RAM MOUNTS Flex Adhesive Ball Base (RAP-B-378U) Instruction Manual

RAM MOUNTS RAP-B-378U

RAM MOUNTS Flex Adhesive Ball Base (RAP-B-378U) Instruction Manual

Brand: RAM MOUNTS | Model: RAP-B-378U

1. INTRODUCTION AND OVERVIEW

The RAM MOUNTS Flex Adhesive Ball Base (RAP-B-378U) provides a strong and adaptable mounting surface for various applications, such as vehicle dashboards. It features a B size 1-inch RAM rubber ball, compatible with all B size RAM double socket arms, allowing for extensive adjustability. The flexible base is designed to conform to curved and textured surfaces, offering a secure alternative to traditional mounting methods. This manual will guide you through the proper installation, usage, and maintenance of your adhesive ball base.



Image: RAM MOUNTS Flex Adhesive Ball Base, showing the ball base, adhesive pad, and alcohol prep pad.

2. WHAT'S IN THE BOX

The RAM MOUNTS Flex Adhesive Ball Base (RAP-B-378U) package includes the following components:

- (1) RAM Flex Adhesive Ball Base (RAP-B-378U)
- (1) 2.5" Double-Sided Adhesive Pad
- (1) Alcohol Prep Pad



Image: The individual components included in the package: the ball base, the circular adhesive pad, and an alcohol wipe.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your RAM MOUNTS Flex Adhesive

Ball Base. Follow these steps carefully:

1. **Prepare the Surface:** Thoroughly clean the desired mounting surface using the provided alcohol prep pad. Ensure the surface is free of dust, grease, and moisture. Allow the surface to dry completely.
2. **Apply Adhesive Pad:** Peel off one side of the double-sided adhesive pad and carefully apply it to the bottom of the RAM Flex Adhesive Ball Base. Ensure it is centered and pressed firmly.
3. **Attach Base to Surface:** Peel off the remaining protective film from the adhesive pad. Position the ball base on the cleaned surface and press firmly for at least 60 seconds, applying even pressure across the entire base.
4. **Allow Bonding Time:** It is critical to allow the adhesive to fully bond to the surface for a minimum of 24 hours before attaching any mounting components or devices. For best results, avoid placing any weight or stress on the mount during this period. Some users recommend allowing up to a week for maximum adhesion, especially in varying temperature conditions.
5. **Attach Components:** After the bonding period, you can attach your B size RAM double socket arm and other compatible components to the 1-inch rubber ball.

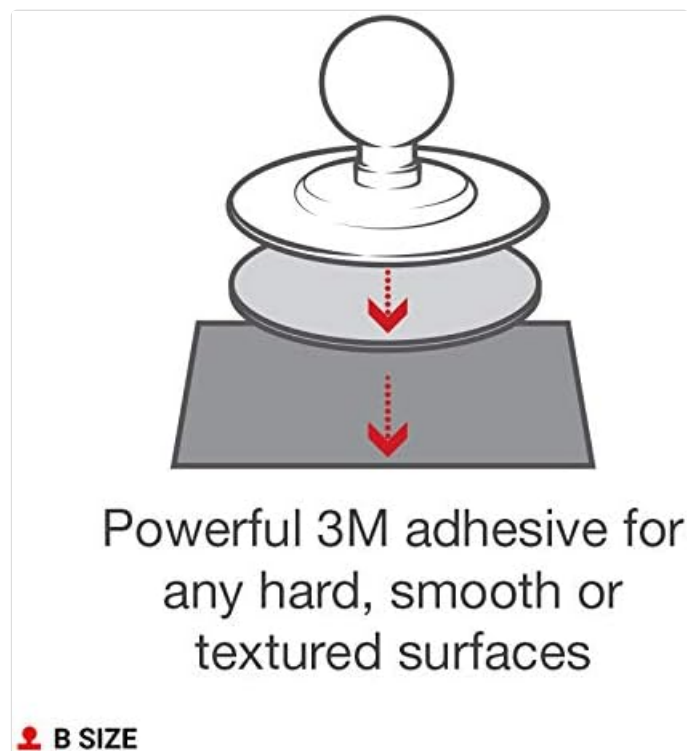


Image: Diagram illustrating the process of applying the powerful 3M adhesive to the base for secure attachment to various surfaces.

Video: Official RAM MOUNTS video demonstrating the features and installation of the RAM Flex Adhesive B Size Ball Base.

4. OPERATING INSTRUCTIONS

Once installed, the RAM Flex Adhesive Ball Base serves as a stable platform for your RAM B size mounting system. Connect any compatible B size RAM double socket arm and device holder to the 1-inch rubber ball. The ball and socket design allows for near-infinite adjustability to achieve your desired viewing angle. Ensure all components are securely tightened before use to prevent movement or detachment of your device.

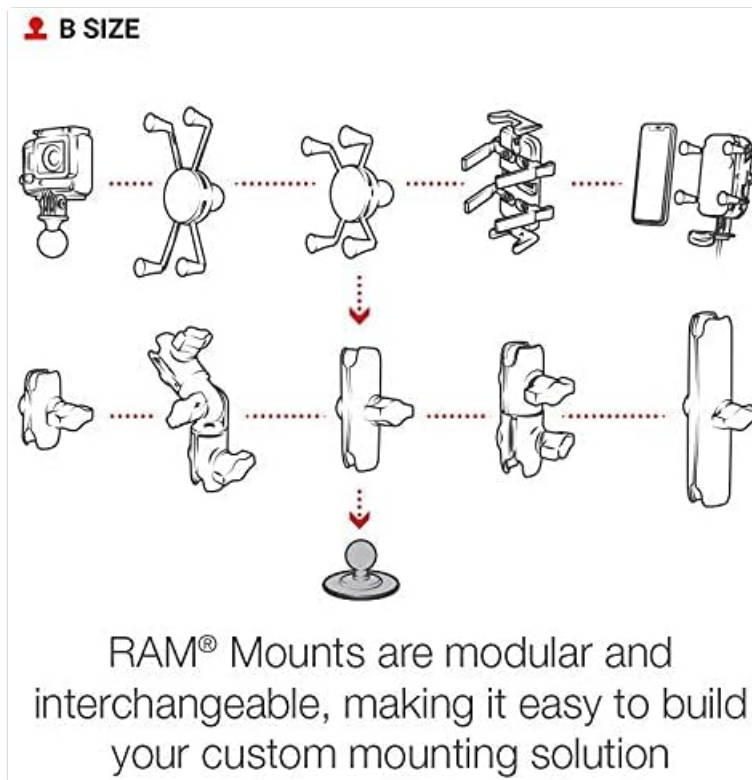


Image: A smartphone securely mounted in a vehicle using the RAM Flex Adhesive Ball Base and an X-Grip holder, demonstrating typical usage.

5. MAINTENANCE

To maintain the integrity of your RAM Flex Adhesive Ball Base, periodically check the adhesion to the mounting surface. Avoid exposing the adhesive to extreme temperatures for prolonged periods, as this can affect its bonding strength. Clean the base with a damp cloth; do not use harsh chemicals that could degrade the material or adhesive.

6. TROUBLESHOOTING

If you encounter issues with your RAM Flex Adhesive Ball Base, consider the following:

- **Adhesion Failure:** If the base detaches or loses adhesion, it is likely due to improper surface preparation, insufficient bonding time, or extreme temperature fluctuations. Ensure the surface is perfectly clean and dry before application. Allow the full 24-hour (or longer) bonding period without stress. If re-application is necessary, use a new adhesive pad and thoroughly clean the surface again. For heavy devices or high-vibration environments, consider alternative RAM mounting solutions that involve screws for permanent attachment.
- **Loose Components:** Ensure all ball and socket components are securely tightened. Periodically check the tension of the double socket arm to prevent unwanted movement.

7. SPECIFICATIONS

Brand	RAM MOUNTS
Model Name	RAP-B-378U
Ball Size	B Size (1 inch)
Base Diameter	2.5 inches
Material	High Strength Composite
Mounting Type	Dashboard (Adhesive)
Weight Capacity Maximum	2 Pounds
Compatible Devices	RAM Mounts B-Size Components, Universal Phone Models
Item Dimensions	2 x 2.6 x 2.6 inches
Item Weight	0.09 Pounds
Water Resistance Level	Not Water Resistant

8. WARRANTY AND SUPPORT

This product is backed by a lifetime warranty. For detailed information regarding warranty coverage and support, please refer to the official RAM MOUNTS manufacturer warranty documentation or visit the RAM MOUNTS website.