





TABLE OF CONTENTS

03	NEW PRODUCTS ABOUT RAM® MOUNTS HOW IT WORKS RAM® TOUGH-STRAP™	
05		
07		
13	RAM® TOUGH-CLAW™	
	13	RAM® TOUGH-CLAW™ + RAM® X-GRIP®
	15	RAM® TOUGH-CLAW™ + GPS MOUNTS
	17	RAM® TOUGH-CLAW™ BASE OPTIONS
19	RAM® TORQUE™	
21	ACTION CAMERA MOUNTS	
23	RAM® EZ-ON/OFF™	
	23	RAM® EZ-ON/OFF™ + RAM® X-GRIP®
	25	RAM® EZ-ON/OFF™ + GPS MOUNTS
27	RAM® EZ-STRAP™	
	27	RAM® EZ- STRAP™ TOP SOLUTIONS
29	RAM® LEVEL-CUP™	
31	BAS	SE COMPARISON CHART

THE SHAPE THAT STARTED IT ALL

33

SEEN IN THIS PHOTO: RAP-B-460-A-PD3U

RAM® Quick-Grip™ Phone Mount with RAM® Tough-Strap™ Handlebar Base



NEW PRODUCTS



RAP-B-460U

RAM® Tough-Strap™ Handlebar Ball Base



RAP-B-460-A-GOP1U

RAM® Tough-Strap™ Double Ball Mount with Universal Action Camera Adapter



RAP-B-460-A-PD3U

RAM® Quick-Grip™ Phone Mount with RAM® Tough-Strap™ Handlebar Base



RAP-B-460-A-PD4U

RAM[®] Quick-Grip[™] XL Phone Mount with RAM[®] Tough-Strap[™] Handlebar Base



RAP-460-UN7U

RAM® X-Grip® Phone Mount with RAM® Tough-Strap™ Handlebar Base



RAP-460-UN10U

RAM® X-Grip® Large Phone Mount with RAM® Tough-Strap™ Handlebar Base



RAP-460Z-UN7U

RAM® X-Grip® Phone Mount with Low Profile Zip Tie Handlebar Base



RAP-460Z-UN10U

RAM® X-Grip® Large Phone Mount with Low Profile Zip Tie Handlebar Base



RAM-HOL-UN7-400-2U

RAM® X-Grip® Phone Mount with Low-Profile RAM® Tough-Claw™



RAM-HOL-UN10-400-2U

RAM® X-Grip® Large Phone Mount with Low-Profile RAM® Tough-Claw™



VISIT RAMMOUNT.COM/NEW TO SEE ALL NEW RAM® AND GDS® PRODUCTS



ABOUT RAM® MOUNTS

RAM® Mounts manufactures rugged and versatile mounting systems for phones, tablets, and other mobile devices that can be attached nearly anywhere. Unlike other mounts on the market, RAM® allows you to secure devices where you need them most. The unique design of the RAM® Mounts system provides quick installation, adjustability, strength, vibration damping, and durability—all at a low cost. Backed by a lifetime warranty, RAM® uses powder-coated, marine-grade aluminum with lightweight and high-strength composites, stainless steel hardware, and rubber balls.

THE RAM® DIFFERENCE



PREMIUM DESIGN

The rubber ball and socket design of our mounting systems offers a secure hold, with near-infinite adjustability and vibration damping for the most demanding environments. With thousands of components trusted by users around the world, we've been able to design and develop mounting solutions that consumers and companies previously only dreamed were possible.



CUSTOMIZABLE

Take your phone mount from your truck to your boat, or mix and match components to create your ideal mount. Because of the modularity of the RAM® system, you can customize your solution to fit your specific needs in almost any application.



QUALITY MATERIALS

A premium design deserves the highest quality materials available, from rubber and stainless steel to highstrength composites and marine-grade aluminum. Our facilities—including powder coating, die casting, rubber injection molding, and shock and vibration testing—help us deliver on this promise to bring you inventive mounting solutions.



LIFETIME WARRANTY

It's simple. Our reputation as the leader of premier mounting systems means if we build it, then we guarantee it. We're confident in the quality of our products, and with our warranty, you can be too.

NATIONAL PRODUCTS INC. (NPI)

Introduced in 1995, National Products Inc. (NPI) quickly became the leading manufacturer of rugged and versatile mounting solutions. RAM® Mounts has grown to offer approximately 5,000 modular components—the most innovative product line of its kind for nearly any application and device, including phones, tablets, GPS systems, laptops, marine electronics, printers, radios, and much more.

In addition to RAM® Mounts, NPI is also the creator of award-winning IntelliSkin® sleeves and GDS® Technology™ products. IntelliSkin® sleeves ruggedize a wide range of consumer phones and tablets, while the GDS® Ecosystem™ provides users the ability to securely charge, dock, and sync devices in the most demanding environments.

NPI is proudly located in Seattle, Washington in the same neighborhood where the company was started.

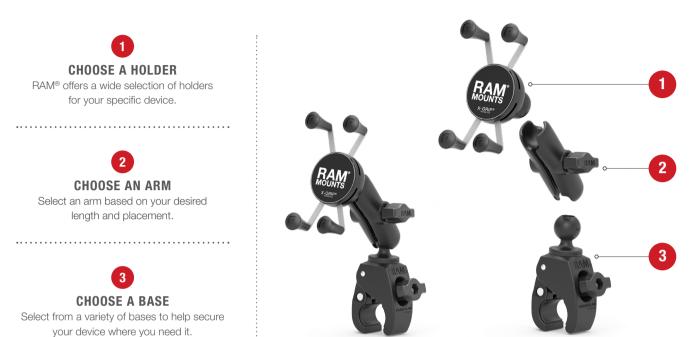
PARTNER WITH RAM® MOUNTS

Here at RAM® Mounts, we believe that unfathomable things are possible with ingenuity. With a portfolio of more than 5,000 SKUs paired with innovative engineers and in-house product experts, we have the tools and expertise needed to create solutions that you didn't know were possible. We have the ability to solve your mounting challenges quickly, efficiently, and cost effectively.

HOW IT WORKS

DOUBLE BALL MOUNTS

Choose from a selection of holders, socket arms and ball bases to build a custom mount for your specific needs. Additional bases may be chosen so that your mount can support multiple devices, or can be transferred to alternate mounting locations.

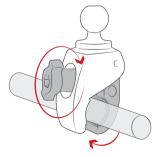




adjustability of your RAM® mounting system









Quick Release - No Tools Required





RAM-HOL-UN7BU Small Phone Holder



BEST SELLER

RAM-HOL-UN10BU RAM® X-Grip® for Large Phones



RAM-B-202-GA76U
RAM® Spine Clip Holder
with Ball for Garmin
Handheld Devices



RAP-B-202U-G0P1 RAM® Action Camera Universal Ball Adapter



RAM-HOL-PD4-238AU RAM® Quick-Grip™ XL Holder

2 SOCKET ARMS



RAM-B-201U-A 2.42" Short Socket Arm



RAM-B-201U 3.73" Medium Socket Arm



RAM-B-201U-C 6" Long Socket Arm

3 BASES



RAP-B-460U RAM® Tough-Strap™ Handlebar Ball Base



RAM-B-231ZU

RAM® Handlebar U-Bolt Base for Rails 0.5" to
1.25" in Diameter



RAP-B-400U RAM® Tough-Claw™ Small Clamp Base with Ball



 $\textbf{RAM-B-408-75-1U} \\ .75" \ \text{to 1" Diameter RAM$^{\tiny{\$}}$ Torque$^{\tiny{$^{\tiny{$^{\tiny{$^{}}}}}$}}$ Base$

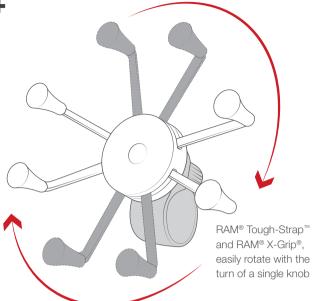
MORE COMPONENTS AVAILABLE AT RAMMOUNT.COM/COMPONENTS



$RAM^{\mathbb{R}} TOUGH-STRAP^{TM}$

RAM® TOUGH-STRAP™ + RAM® X-GRIP®

The RAM® Tough-Strap™ is lowest profile rugged mounting solution for any bike or motorcycle handlebars. With two different size straps, easily install the RAM® Tough-Strap™ on any mountain bike, road bike or e-bike with a simple twist of a knob. There are two different versions of the RAM® Tough-Strap[™] that both integrate the RAM[®] Pin-Lock[™] system for a direct, low-profile fitting. Attach either a RAM® ball adapter for utilizing B size components to build your own device mount, or a RAM® X-Grip® phone holder directly to the strap. The long strap is used for bar diameters ranging from 1.25"-1.38" while the short strap is used for diameters ranging from 0.875"-1". Included are extra rubber strips to cut down to the diameter range of 1"-1.125" for a more custom fit that adds additional friction. Take the RAM® Tough-Strap™ on your next adventure on and off the road





RAP-460-UN7U

RAM[®] X-Grip[®] Phone Mount with RAM[®] Tough-Strap[™] Handlebar Base



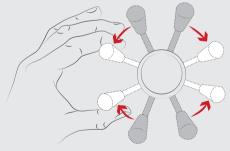
RAP-460-UN10U

RAM[®] X-Grip[®] Large Phone Mount with RAM[®] Tough-Strap[™] Handlebar Base

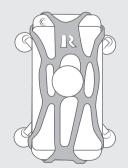
FEATURES



Quick Release -No Tools Required



Spring-loaded 'X' design with rubber caps provides a secure fit



Includes safety tether for extra peace of mind

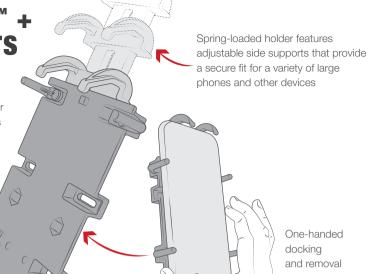


RAM® TOUGH-STRAP™

RAM® TOUGH-STRAP™ CONTINUED

DOUBLE BALL MOUNTS

The RAM® Tough-Strap™ comes equipped with an integrated RAM® Pin-Lock™ adapter used to install a ball adapter for utilizing B size components to build your own device mount. Attaching a B size socket arm gives you 360-degree articulation ideal for GoPro mounting and crowded handlebars to give you a custom fit. Build your own device mount, or select popular phone and action camera kits.



One-handed dockina and removal



RAP-B-460U RAM® Tough-Strap™ Handlebar Ball Base



RAP-B-460-A-PD3U RAM® Quick-Grip™ Phone Mount with RAM® Tough-Strap™ Handlebar Base



RAP-B-460-A-PD4U RAM® Quick-Grip™ XL Phone Mount with RAM® Tough-Strap™ Handlebar Base



RAP-B-460-A-GOP1U RAM® Tough-Strap™ Double Ball Mount with Universal Action Camera Adapter

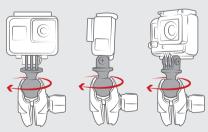
FEATURES



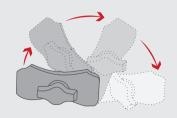
Rubber ball dampens shock and vibration



Quick Release -No Tools Required

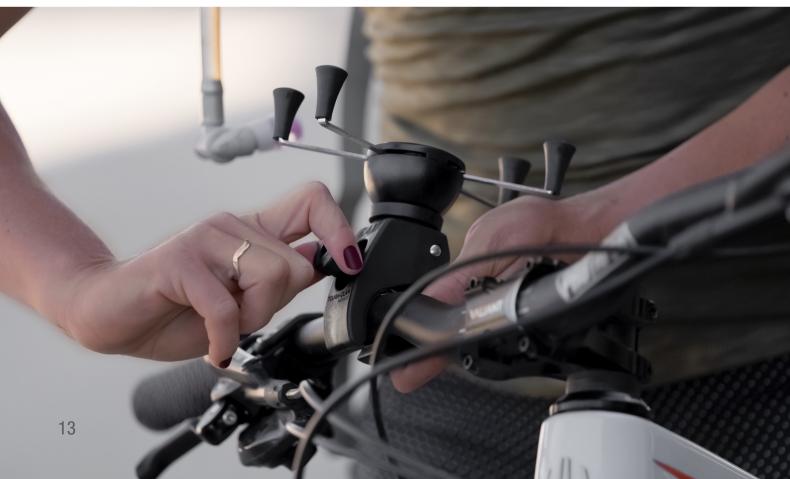






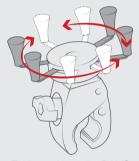
Double ball and socket technology allows for near-infinite adjustability of your RAM® mounting system



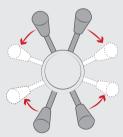




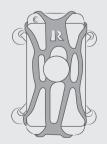
Quick Release - No Tools Required



Easily positions the RAM® X-Grip® between portrait and landscape mode



Spring-loaded 'X' design with rubber caps provides a secure fit



Includes safety tether for extra peace of mind

RAM[®] TOUGH-CLAW[™]

RAM® TOUGH-CLAW™ + RAM® X-GRIP®

Combining the RAM® X-Grip™ holder and the RAM® Tough-Claw™ makes the ideal low profile phone mount for all types of handlebars, rails and tubes. For those who don't need too much articulation from any of RAM®'s socket arm configurations, this mounting solution is easy and straightforward, allowing you to quickly install or remove your device from it's mounting surface



RAM-H0L-UN7-400-2U
RAM® X-Grip® Phone Mount with
Low-Profile RAM® Tough-Claw™



RAM-H0L-UN10-400-2U
RAM® X-Grip® Large Phone Mount
with Low-Profile RAM® Tough-Claw™



RAM-HOL-UN7-400U
RAM® X-Grip® Phone Mount with
RAM® Snap-Link™ Tough-Claw™



RAM-HOL-UN10-400U
RAM® X-Grip® Large Phone Mount
with RAM® Snap-Link™ Tough-Claw™



RAM-B-400-A-HOL-UN7BU
RAM® X-Grip® Phone Mount with
RAM® Tough-Claw™ Small
Clamp Base



RAM-B-400-A-H0L-UN10BU
RAM® X-Grip® Large Phone Mount
with RAM® Tough-Claw™ Small
Clamp Base



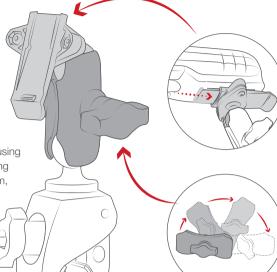
NEW PRODUCTS

RAM® TOUGH-CLAW™

+ GPS MOUNTS

One of the best benefits of the RAM® Tough-Claw[™] is the easy installation and removal on railings. Paired with a GPS mount, you can attach almost anywhere on your bike so you can travel safely. Don't feel like attaching to your handlebars? You can install these RAM® Tough-Claw™ GPS kits to any railing so you can still take advantage of using a GPS on your adventure without crowding your handlebars. From Garmin to TomTom, RAM® Mounts has low-profile and ultra-lightweight holders for just about any GPS device. Grab our Garmin spine adapter compatible holder for any Garmin device with a spine adapter for a super secure fit without

interfering with any buttons or ports.



Holder secures any Garmin handheld device with an integrated spine connection

This socket technology allows for almost infinite adjustment and perfect viewing angles.



RAM-B-400-GA55U

RAM® Tough-Claw™ Small Clamp Mount for Garmin nuvi 52, 54, 55, 56 & 58



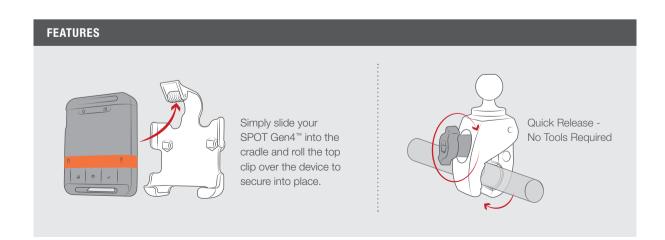
RAM-B-400-SP06U RAM® Tough-Claw™ Small Clamp Mount for SPOT Gen4



RAP-B-400-A-MA15U RAM® EZ-Roll'r w/ RAM® Tough-Claw[™] for Magellan eXplorist + More



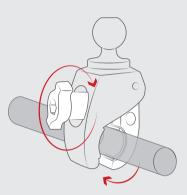
RAM-B-400-GA76U RAM® Tough-Claw™ Small Clamp Mount with Garmin Spine Clip Holder







Rubber ball dampens shock and vibration



Quick Release - No Tools Required



Double ball and socket technology allows for near-infinite adjustability of your RAM® mounting system



Compatible with round or odd-shaped rails

RAM® TOUGH-CLAW™ CONTINUED

RAM® TOUGH-CLAW™ BASE OPTIONS

The RAM® Tough-Claw™ is the easiest mounting base to install and remove on railings and tubes, covering a wide diameter range. This base comes in B, or C size, for both light and heavy duty riding, as well as three different claw sizes covering 0.625" to 2.25" diameter railings and tubes. With a simple tightening of the knob, these claws are truly tough clamping onto the surface without any tools necessary.



RAP-B-400U .625" - 1.5" Diameter



RAP-B-404U 1" - 1.875" Diameter



RAP-B-401U 1" - 2.25" Diameter



RAP-B-400-201-AU
Small Clamp Base with Small Double
Socket Arm, 0.625" - 1.5" Diameter



RAP-B-400-201U
Small Clamp Base with Medium Double
Socket Arm, 0.625" - 1.5" Diameter



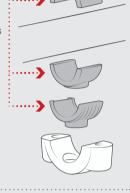
RAP-B-404-201U

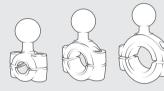
Medium Clamp Base with Medium

Double Socket Arm, 1" - 1.875" Diameter



Bushings

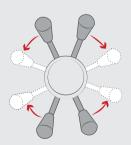




Various sizes to support rails from .375" to 1.5" in diameter



Included rubber strip offers additional friction



Spring-loaded 'X' design with rubber caps provides a secure fit

RAM[®] TORQUE[™]

RAM® Mounts Torque™ bases come in multiple sizes that fit a variety of rail and bar sizes for secure placement of your device. Sizing inserts create a tight hold while protecting the bar, and the cast aluminum mount is available with a B size 1" or C size 1.5" rubber ball that attaches to a RAM® double socket arm. Mount your GPS unit, camera, phone or tablet to your bike's handlebars.

Internal bushings conform to your handlebar while protecting the surface



RAM-B-408-37-62U RAM® Torque™ Small Rail Base



RAM-B-408-75-1U .75" to 1" Diameter RAM® Torque™ Base



RAM-B-408-112-15U1.125" to 1.5" Diameter
RAM® Torque™ Base



RAM-B-408-75-1-A-UN7U RAM® X-Grip® Phone Mount with RAM® Torque™ Medium Rail Base



RAM-B-408-75-1-A-UN10 RAM® X-Grip® Large Phone Mount with RAM® Torque™ Medium Rail Base



RAM-B-408-75-1-A-238U
RAM® Torque™ Medium
Rail Base with
Diamond Plate



RAM-B-408-75-1-A-132U
RAM® Level Cup™ 12 16oz Drink Holder with
RAM® Torque™ Medium
Rail Base



RAM-B-408-75-1-A-417U
RAM® Level Cup™ XL
12 - 32oz Drink Holder with
RAM® Torque™ Medium
Rail Base

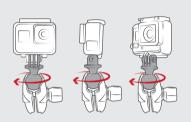


RAM-B-408-75-1-A-G0P1U RAM® Torque™ Medium Rail Base with Universal Action Camera Adapter

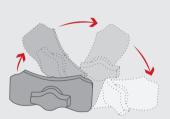




Rubber ball dampens shock and vibration



Adjustable position of camera with the turn of a single knob



Double ball and socket technology allows for near-infinite adjustability of your RAM® mounting system



ACTION CAMERA MOUNTS

The versatility of the RAM® Tough-Claw™ pairs the best with action camera mounting. Grab a universal action camera adapter and your preferred action camera to attach almost anywhere on your bike. Want to capture video footage from behind? Clamp to the back of your seat for a low-profile view for an epic rear tire shot.



RAP-B-400-G0P1U

RAM® Tough-Claw™ Double Ball

Mount with Universal Action

Camera Adapter



RAM-B-400-A-366U RAM® Tough-Claw™ Small Clamp Mount with 1/4"-20 Action Camera Adapter



RAP-B-400-A-G0P1U
RAM® Tough-Claw™ Small Clamp
Mount with Universal Action
Camera Adapter



RAP-B-GOP2-A-GOP1U
RAM® Ball Adapter for GoPro® Bases
with Universal Action Camera Adapter



RAP-B-202U-G0P1
RAM® Action Camera Universal
Ball Adapter



RAP-B-202U-G0P2
RAM® Ball Adapter for GoPro®
Mounting Bases



RAM® EZ-ON/OFF™

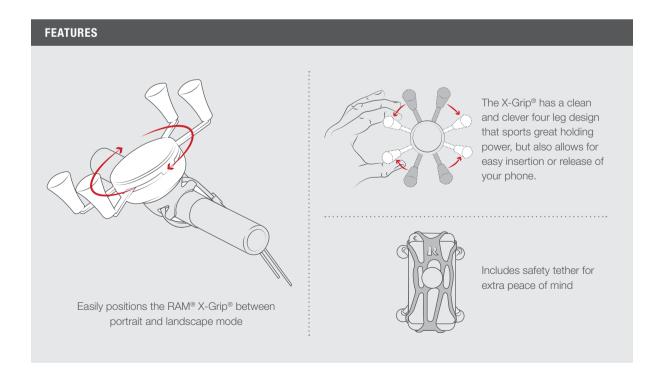
RAM® EZ-ON/OFF™ + RAM® X-GRIP®

The RAM® EZ-ON/OFF™ bike mount utilizes a single RAM® Pin-Lock™ base to attach an X-Grip® phone holder directly to your handlebars for the lowest-profile solution around. To keep the mount lightweight, two zip ties loop through the bottom of the base to easily secure to your handlebar. Included is a rubber pad to add extra friction and provide a soft barrier to prevent scratching. Adjust the zip ties for attachment to a variety of rails, from a minimum of .5" in diameter. For rugged applications, the RAM® X-Grip® includes a device tether that is recommended for added security and peace of mind.

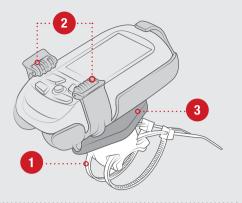
The included base uses common zip ties to attach to a variety of handlebar diameters.













Adjust the zip ties to attach to any rail from 0.5" to 1.5" in diameter.



Secures your device into place by simply sliding your device into the cradle and rolling the clips over it.



By simply pressing and twisting the diamond adapter, the EZ-On/Off system allows for the quick release of the device cradle from the zip tie base.

RAM® EZ-ON/OFF™ CONTINUED

RAM® EZ-ON/OFF™ + GPS MOUNTS

The RAM® EZ-ON/OFF™ bike mount also comes equipped with compatible GPS holders for long distance biking, or mountain biking out in the middle of nowhere. Don't get lost on the trail without navigation. This ultra-lightweight and low-cost mounting solution is an easy addition to your bike while you focus on the adventure.



RAP-274-1BFU
RAM® EZ-On/Off™ Rubber
Adapter and Ties



RAP-274-1-GA40

RAM® EZ-On/Off™ Bicycle Mount for Garmin GPSMAP 73, 78, 78S, 78SC



RAP-274-1-GA41U

RAM® EZ-On/Off™ Bicycle Mount
for Garmin Astro 320,
GPSMAP 62 + More



RAP-274-1-GA16
RAM® EZ-On/Off™ Bicycle Mount for Garmin Vista + More



RAP-274-1-GA31U
RAM® EZ-On/Off™ Bicycle Mount
for Garmin Approach G5,
Oregon 200 + More

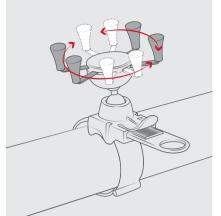


RAP-274-1-SP02U
RAM® EZ-On/Off™ Bicycle Mount
for SPOT IS™ Satellite GPS
Messenger



RAP-274-1-MA15U
RAM® EZ-On/Off™ Bicycle Mount
for Magellan eXplorist GC,
110, 310 & 350H





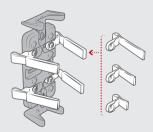
Multiple adjustment points allow you to move the universal X-Grip® cradle to your optimum viewing position. This mount rotates 180 degrees



Spring-loaded 'X' design with rubber caps provides a secure fit



Includes safety tether for extra peace of mind

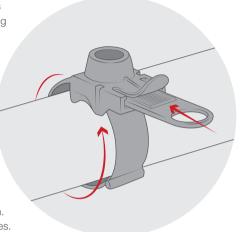


Different finger sizes to accommodate different device thicknesses

RAM[®] EZ-STRAP[™]

RAM® EZ-STRAP™ TOP SOLUTIONS

The RAM® EZ-Strap™ consists of the EZ-Strap[™] base featuring a locking mechanism for attaching any RAM® Snap-Link™ Ball with a 2-hole AMPS pattern or the universal X-Grip® cradle. The strap can be cut to fit tubing, square rails and irregular shapes from 0.5" to 2.58" in diameter. Multiple adjustment points allow you to move the device holder to your optimum viewing position. This mount rotates 180 degrees.



The RAM® EZ-Strap™ installs in seconds and grips tubing, square rails and irregular shapes like a Python



RAP-SB-187U
RAM® EZ-Strap™ Rail Mount with
Double Ball and Diamond
Base Adapter



RAP-SB-187-UN7U
RAM® X-Grip® Phone Mount with
RAM® EZ-Strap™ Rail Mount



RAP-SB-187-UN4
RAM® Finger-Grip™ Universal Holder
with RAM® EZ-Strap™ Rail Mount



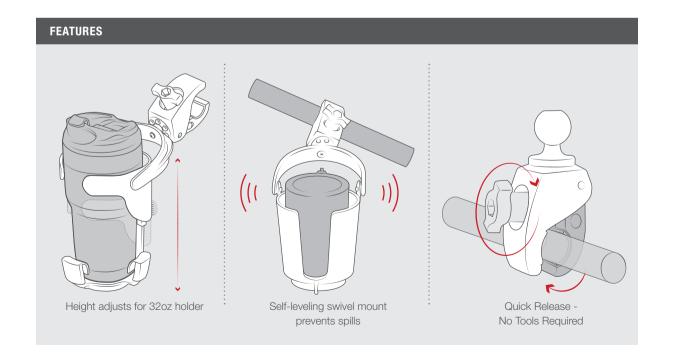
$RAM^{\mathbb{R}}$ $LEVEL-CUP^{TM}$

Grab your Yeti and hit the road! Need an extra cup holder for your morning coffee? The RAM® Level-Cup™ is a self-leveling drink holder that comes in two sizes—16oz and 32oz. No matter how harshly you ride your bike, the Level-Cup™ self-leveling technology keeps your precious coffee in the cup and not all over the ground, or on you.













BASE COMPARISON CHART













RAP-B-460U

RAM® TOUGH-STRAP™

✓ Lifetime Warranty

Shock &

Vibration

Damping

Quick
Release No Tools
Required

✓ Low Profile

\$ Price

RAM-B-231ZU

RAM® U-BOLT

Lifetime Warranty

Shock & Vibration Damping

Quick
Release No Tools
Required

✓ Low Profile

\$ Price

RAM-B-408-75-1U

RAM® TORQUE™

Lifetime Warranty

Shock & Vibration Damping

Quick
Release No Tools
Required

× Low Profile

\$\$ Price

RAP-B-400U

RAM® TOUGH-CLAW™

Lifetime Warranty

Shock & Vibration Damping

Quick
Release No Tools
Required

× Low Profile

\$\$\$ Price

RAP-274-1U

RAM® EZ-ON/OFF™

✓ Lifetime Warranty

Shock & Vibration Damping

Quick
Release No Tools
Required

✓ Low Profile

\$ Price

RAP-SB-187U

RAM® EZ-STRAP™

✓ Lifetime Warranty

Shock & Vibration Damping

Quick
Release No Tools
Required

✓ Low Profile

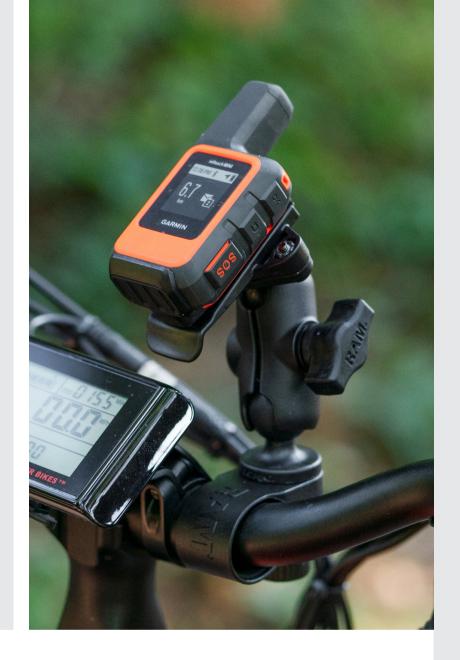
\$ Price





THE SHAPE THAT STARTED IT ALL

RAM® double socket arms with their distinctive Hourglass Shape are recognized globally as a symbol of the reliability, quality, and durability of this line of products. The Hourglass Shape is a registered trademark of National Products Inc.



LEARN MORE

The unique RAM® Mounts system offers a full line of interchangeable mounting bases, extensions, device adapters, and accessories to secure your devices where you want it. See all of the innovative products and solutions RAM® manufactures at rammount.com.

RAM® Mounts is a division of National Products Inc. 8410 Dallas Avenue South Seattle, WA 98108 Phone: 800.497.7479 sales@rammount.com

Lifetime Warranty
Patents and Trademarks
rammount.com/ip



THE DISTINCTIVE "D" PRODUCT SHAPE

of the GDS® connector is a trademark of National Products Inc.



THE DISTINCTIVE RAM® "X-GRIP®"

product shape is a trademark of National Products Inc.



Look for the highly recognizable "Double Delta" trademark, the symbol of quality and reliability

