

Just RAM It!®

WWW.RAM-MOUNT.COM

# RAM Mount Marine Catalog

Fishing Rod Holders, Tube Holders, GPS Mounts, Chartplotter Mounts, Ball Mounts and PRO-PULL Propeller Removal Tools



# ABOUT RAM MOUNT

RAM is the revolutionary universal ball and socket mounting system that allows you to mount practically anything anywhere. Unlike other mounts on the market, RAM allows you to mount items where you need them most. Whether its in an aircraft, automobile, boat, ATV, truck, snowmobile, farming vehicle, motorcycle, fork lift or any other situation, RAM's family of more than 900 interchangeable accessories will offer you solutions to your most challenging mounting problems. If you need to mount a GPS, laptop, pda, pocket pc, radar, camera, light, computer, cellular phone, speaker, mirror, antenna, or just about anything else look no further. RAM mounts will help you make a professional job easy and affordable. Its unique design provides easy installation, mobility, strength, versatility, vibration protection and durability, all at a low cost. RAM is backed by NPIs renowned Lifetime Warranty which makes it the mounting system of choice. To provide light weight strength and corrosion resistance, RAM is made of marine grade aluminum with a powder coated finish, stainless steel hardware and rubber balls. Recognized and accepted by the U.S. Patent Office, RAM is the only universal ball-and-socket system that holds tremendous amounts of weight in high vibration applications for military, commercial and private use. Look further into our web site and see the newest products and learn more about this revolutionary mounting system that is quickly becoming the industry standard. Remember when faced with a difficult mounting situation, Just RAM It!



# ABOUT NATIONAL PRODUCTS, INC.

NPI stands for National Products Inc. Founded by Jeff Carnevali in 1994, NPI is the parent company of both RAM Mounting Systems and PRO PULL Prop Pulling Tools. Located in Seattle Washington, NPI distributes products around the globe. Providing some of the most innovative and durable products available, NPI has rapidly become an industry leader and continues to gain respect from both electronics manufacturers and those needing the finest tools for marine use. Having an in-house design staff and rapid prototyping abilities, NPI is able to quickly engineer and produce quality items for the ever changing electronics market. With rubber injection, sand casting, metal fabrication, and plastic injection molding as well as a die casting facility within one half mile of each other, coordinating and developing new products is trouble-free.

With a multitude of patented products and a dedicated staff, you can be sure that NPI will continue to provide products and support to the industries and customers that have made NPI a huge success.

# WWW.RAM-MOUNT.COM FEATURES

Your Best Connection For Mount Solutions

**Product Search**  
Find product mount solutions easy and efficiently at www.ram-mount.com with the RAM Mount Product Search Engine.

**Laptop Mount Wizard**  
Looking to find a vehicle laptop mount system? Search, based on vehicle year, make and model, the RAM Laptop Mount Wizard provides solutions for all vehicles.

**Motorcycle Mount Wizard**  
Providing mount solutions for nearly all motorcycles since 1991, the Motorcycle Mount Wizard offers multiple solutions for your cycling needs.

**RAM On-line Order Center** COMING SOON  
Exclusively for RAM Mount Resellers, the RAM On-line Order Center provides an easy way to order products online. Features include:

- ★ DRAG AND DROP SHOPPING CART
- ★ ORDER TRACKING
- ★ PRICE LISTS
- ★ BILLING AND SHIPPING INFORMATION CENTER



# TABLE OF CONTENTS

The RAM Mount Marine Catalog is a complete guide for all your cycling needs. The information contained in this catalog is consistently growing; therefore, please check the [www.ram-mount.com](http://www.ram-mount.com) site for updates, or solutions for all your mounting needs. Note: Please see our GPS catalog for Marine Electronic Handheld Mounts.

PRODUCT NUMBER	BALL SIZE	DESCRIPTION	PAGE
<b>BALL &amp; SWING ARM MOUNTS</b>			
RAM-101-G2U	1.5"	RAM MOUNT GARMIN 250C FISH FINDER	5
RAM-107U	1.5"	RAM MOUNT HUMMINBIRD APELCO 97 SWIVEL MOUNT MATRIX AND 500 SERIES	5
RAM-109HSB	1.5"	RAM SINGLE ARM BALL MOUNT HORIZONTAL BASE	6
RAM-109HU	1.5"	RAM SINGLE ARM BALL MOUNT HORIZONTAL BASE	6
RAM-109H-1U	1.5"	RAM DOUBLE SWING ARM BALL MOUNT HORIZONTAL BASE	7
RAM-109H-2U	1.5"	RAM HORIZONTAL SWING ARM WITH RAM SYSTEM	7
RAM-109VSB	1.5"	RAM SINGLE ARM BALL MOUNT VERTICAL BASE	8
RAM-109VU	1.5"	RAM SINGLE ARM BALL MOUNT VERTICAL BASE	8
RAM-109V-1U	1.5"	RAM DOUBLE SWING ARM BALL MOUNT VERTICAL BASE	9
RAM-109V-2U	1.5"	RAM VERTICAL SWING ARM WITH RAM SYSTEM	9
RAM-111U	1.5"	RAM UNIVERSAL ELECTRICAL MOUNT WITH 6 1/4" X 2" BASE	10
RAM-111-338U	1.5"	RAM DOUBLE ADAPTER PLATE MOUNT	10
RAM-137U	1.5"	RAM MOUNT WITH 3" X 11" X 2 1/2" BASE	11
RAM-B-101-G2U	1"	RAM MOUNT GARMIN 250C FISH FINDER	11
RAM-B-103-GA18U	1"	RAM MARINE SYSTEM FOR THE GARMIN 172 SERIES	12
RAM-B-107-1U	1"	RAM MOUNT FOR HUMMINBIRD PIRANHA MAX 20, 15, AND 10	12
RAM-B-107-1U-238	1"	RAM MOUNT FOR HUMMINBIRD PIRANHA DIAMETER MAX 20, 15, AND 10	13
RAM-B-107U	1"	RAM MOUNT FOR HUMMINBIRD/APELCO SWIVEL MOUNT MATRIX AND 500 SERIES	13
RAM-B-107U-238	1"	RAM MOUNT FOR THE HUMMINBIRD/APELCO DIAMETER BASE SWIVEL MOUNT MATRIX AND 500 SERIES	14
<b>FISHING ROD AND TUBE HOLDERS</b>			
RAM-114-B		RAM ROD 2000 ROD HOLDER WITH BULKHEAD MOUNT	16
RAM-114-BM		RAM ROD 2000 BULKHEAD MOUNTING BASE	16
RAM-114-D		RAM ROD 2000 ROD HOLDER WITH DECK AND TRACK MOUNT	17
RAM-114-DTM		RAM ROD 2000 DECK AND TRACK MOUNTING BASE	17
RAM-114-F		RAM ROD 2000 ROD HOLDER WITH FLUSH MOUNT	18
RAM-114-FM		RAM ROD 2000 FLUSH MOUNT BASE	18
RAM-114-R		RAM ROD 2000 HOLDER WITH BULKHEAD MOUNT AND RAIL MOUNT ADAPTER	19
RAM-114-RM		RAM ROD 2000 RAIL MOUNT ADAPTER KIT	19
RAM-117		RAM ROD FISHING ROD HOLDER SYSTEM	20
RAM-117B		RAM ROD FISHING ROD HOLDER	20
RAM-119		RAM TUBE FISHING ROD HOLDER	20
RAM-119-23U		RAM TUBE FISHING ROD HOLDER WITH 2 X 3 PLATE	20
RAM-119B		RAM TUBE WITHOUT 1 1/2" DIAMETER BALL AND BASE	21
RAM-119T		RAM TUBE WITH TRACK PLATE AND 1 1/2" BALL	21
RAM-119-3		RAM TRIPLE DECK AND TRACK BASE WITHOUT BALLS	21
RAM-301-B		RAM TUBE 2000 ROD HOLDER WITH BULKHEAD MOUNT	21
RAM-301-D		RAM TUBE 2000 ROD HOLDER WITH DECK AND TRACK MOUNT	22
RAM-301-F		RAM TUBE 2000 ROD HOLDER WITH FLUSH MOUNT	22
<b>PRO-PULL PROPELLER REMOVAL TOOLS</b>			
PPF-101		1 1/8" MAX. SHAFT DIAMETER BRUTE PROPELLER PULLER KIT WITH SHAFT SAVER BOLT	24
PPF-102		1 1/8" MAX. SHAFT DIAMETER BRUTE PROPELLER PULLER WITH SHAFT SAVER BOLT	24
PPF-103		1 1/2" MAX. SHAFT DIAMETER HEAVY-DUTY PROPELLER PULLER	25
PPF-104		2 1/2" MAX. SHAFT DIAMETER HEAVY-DUTY PROPELLER PULLER	25
PPF-106		1 1/4" - 2 1/2" 10 TON CHAIN PROPELLER PULLER	26
PPF-107		2" MAX. SHAFT DIAMETER HEAVY-DUTY PROPELLER PULLER	26
PPF-108		BRONZE 6 IN 1 OUTBOARD & STERN-DRIVE PROPELLER NUT WRENCH	27
PPF-108A		ALUMINUM 6 IN 1 OUTBOARD & STERN-DRIVE PROPELLER NUT WRENCH	27
PPF-113		3/4" - 2" VERSATILE PROPELLER PULLER	27
PPF-113-1		5/8" RH/LH SCREW FOR 3/4" - 2" VERSATILE PROPELLER PULLER	28
PPF-113-2		3/4" SCREW FOR 3/4" - 2" VERSATILE PROPELLER PULLER	28
PPF-115		OUTBOARD AND STERN-DRIVE PROPELLER PULLER	28
PPF-116		3" MAX. SHAFT DIAMETER HEAVY-DUTY PROPELLER PULLER	29
PPF-118		1 1/2" MAX. SHAFT DIAMETER BRUTE PROPELLER PULLER WITH POINTED BOLT	29
PPF-119		2" MAX. SHAFT DIAMETER BRUTE PROPELLER PULLER WITH POINTED BOLT	30
PPF-216		3/4"-NC PROPELLER NUT KIT WITH NYLOCK NUT COTTER PIN, BRASS KEY & GREASE	30



# RAM Ball & Swing Arm Mount



# RAM-101-G2U

## Description

Double socket arm mount with two round bases. Both bases have the AMPS hole pattern and a custom hardware pack is included for assembly. The mount is 7.35" tall at maximum extension and is collapsible. Rubber ball and socket feature dampens shock and vibration. For most applications, mount will support up to ten pounds.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 0.66 lbs

## Mount Components

BASE: RAM-202-G2U  
ARM: RAM-201U  
BASE: RAM-202U

## Compatible Makes & Models

GARMIN FISHFINDER 250	GARMIN GPSMAP 298 SOUNDER
GARMIN FISHFINDER 250C	GARMIN GPSMAP 392
GARMIN FISHFINDER 340C	GARMIN GPSMAP 398 SOUNDER
GARMIN GPSMAP 178 SOUNDER	GARMIN GPSMAP 492
GARMIN GPSMAP 178C SOUNDER	GARMIN GPSMAP 498 SOUNDER
GARMIN GPSMAP 292	



# RAM-107U

## Description

The RAM-107 Mount is a Marine Grade Aluminum Swivel Mount with 1.5 inch C Size Ball and Socket System.

The base of the mount is a 2.5 inch diameter plate designed to be permanently attached to a flat surface. The plate end of the mount connects to the underside of select Humminbird unit mounts.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.4 lbs

## Mount Components

BASE: RAM-107BU  
ARM: RAM-201U  
BASE: RAM-202U

## Compatible Makes & Models

HUMMINBIRD 141C	HUMMINBIRD FISHFINDER 565
HUMMINBIRD 323	HUMMINBIRD FISHFINDER 585C
HUMMINBIRD 363 COMBO	HUMMINBIRD FISHFINDER 595C COMBO
HUMMINBIRD 383C COMBO	HUMMINBIRD 727
HUMMINBIRD FISHFINDER 525	HUMMINBIRD 737
HUMMINBIRD FISHFINDER 535	HUMMINBIRD 777C
	HUMMINBIRD 787C COMBO



# RAM-109HSB

## Description

The RAM single swing arm mount consists of a 6" long STRAIGHT swing arm mounted on a horizontal surface mounting base. At the device mounting end of the mount is a rectangular 6.24" x 1.98" plate. The rectangular plate is connected to the swing arm with a RAM 1.5" Ball and Socket System. The connection between the swing arm and the base is a bolt pivot point, and the rectangular plate and arm connection is the RAM ball and socket system. The bolt pivoting point allows a complete 360 degree rotation and the ball and socket system allows a 180 degree vertical pivot with a 360 degree rotation.

## Features

**MATERIAL:** Powder Coated Marine Grade Aluminum  
**BALL SIZE:** 1.5 Inch Rubber Ball  
**COLOR:** Black Powder Coat  
**WEIGHT:** 1.98 lbs

## Mount Components

- (1) Base RAM-111B
- (1) Arm RAM-109U-G2
- (1) Base RAM-109H-B

## Compatible Makes & Models

GARMIN FISHFINDER 320C  
 GARMIN GPSMAP 180  
 GARMIN GPSMAP 182  
 GARMIN GPSMAP 182C  
 GARMIN GPSMAP 185 SOUNDER  
 GARMIN GPSMAP 188 SOUNDER  
 GARMIN GPSMAP 188C SOUNDER  
 GARMIN GPSMAP 192C  
 GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
 GARMIN GPSMAP 2206  
 GARMIN GPSMAP 230  
 GARMIN GPSMAP 232  
 GARMIN GPSMAP 235 SOUNDER  
 GARMIN GPSMAP 238 SOUNDER  
 GARMIN GPSMAP 3005C  
 GARMIN GPSMAP 3006C  
 GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
 LOWRANCE LCX-104C  
 LOWRANCE LCX-110C  
 LOWRANCE LCX-17M  
 LOWRANCE LCX-19C  
 LOWRANCE LCX-20C  
 LOWRANCE LCX-25C  
 LOWRANCE LCX-26C HD  
 LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
 HUMMINBIRD 931C  
 HUMMINBIRD 937C COMBO  
 HUMMINBIRD 981C SI  
 HUMMINBIRD 987C SI COMBO  
 HUMMINBIRD MATRIX 97



# RAM-109HU

## Description

The RAM single swing arm mount consists of a 6" long BENT swing arm mounted on a horizontal surface mounting base. At the device mounting end of the mount is a rectangular 6.24" x 1.98" plate. The rectangular plate is connected to the swing arm with a pivot post.

There are two (2) pivoting points on the mount. One at the swing arm and base and one at the center of the rectangular plate and the end of the swing arm. Each pivoting point allows a complete 360 degree rotation.

## Features

**MATERIAL:** Powder Coated Marine Grade Aluminum  
**BALL SIZE:** 1.5 Inch Rubber Ball  
**COLOR:** Black Powder Coat  
**WEIGHT:** 1.66 lbs

## Mount Components

- BASE: RAM-111BTU
- ARM: RAM-109-1APU
- BASE: RAM-109H-B

## Compatible Makes & Models

GARMIN FISHFINDER 320C  
 GARMIN GPSMAP 180  
 GARMIN GPSMAP 182  
 GARMIN GPSMAP 182C  
 GARMIN GPSMAP 185 SOUNDER  
 GARMIN GPSMAP 188 SOUNDER  
 GARMIN GPSMAP 188C SOUNDER  
 GARMIN GPSMAP 192C  
 GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
 GARMIN GPSMAP 2206  
 GARMIN GPSMAP 230  
 GARMIN GPSMAP 232  
 GARMIN GPSMAP 235 SOUNDER  
 GARMIN GPSMAP 238 SOUNDER  
 GARMIN GPSMAP 3005C  
 GARMIN GPSMAP 3006C  
 GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
 LOWRANCE LCX-104C  
 LOWRANCE LCX-110C  
 LOWRANCE LCX-17M  
 LOWRANCE LCX-19C  
 LOWRANCE LCX-20C  
 LOWRANCE LCX-25C  
 LOWRANCE LCX-26C HD  
 LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
 HUMMINBIRD 931C  
 HUMMINBIRD 937C COMBO  
 HUMMINBIRD 981C SI  
 HUMMINBIRD 987C SI COMBO  
 HUMMINBIRD MATRIX 97



# RAM-109H-1U

## Description

The RAM dual swing arm mount consists of two 6" long BENT swing arms mounted on a horizontal surface mounting base. At the device mounting end of the mount is a rectangular 6.24" x 1.98" plate. The rectangular plate is connected to the swing arm with a pivot post.

There are three (3) pivoting points on the mount. One at the swing arm and base, one at the center where the two swing arms join and one at the center of the rectangular plate and the end of the swing arm. Each pivoting point allows a complete 360 degree rotation, making the RAM-109H-1 one of the most versatile swing arm mounts on the market today.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2.6 lbs

## Mount Components

BASE: RAM-111BTU  
ARM: RAM-109-1A  
ARM: RAM-109-1APU  
BASE: RAM-109H-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE GPSMAP 3006C  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97

# RAM-109H-2U

## Description

The RAM dual swing and socket arm mount consists of a 6" long STRAIGHT swing arm mounted on a horizontal surface mounting base. At the device mounting end of the mount is a rectangular 6.25" x 1.98" plate. The rectangular plate is connected to the socket arm with a 1.5" ball and socket system.

There are three (3) pivoting points on the mount. The connection between the swing arm and the base is a bolt pivot point, and the rectangular plate to socket arm and the swing arm to socket arm connections have the RAM 1.5" ball and socket system. The bolt pivoting point allows a complete 360 degree rotation. The dual arm ball and socket system connection allows a 180 degree vertical pivot with a 360 degree rotation while the end plate ball and socket system allows a 180 degree vertical pivot with a 360 degree rotation.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.75 lbs

## Mount Components

BASE: RAM-111BU  
ARM: RAM-201U  
POST: RAM-208U  
ARM: RAM-109-1ATPU  
BASE: RAM-109H-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97



# RAM-109VSB

## Description

The RAM single swing arm mount consists of a 6" long STRAIGHT swing arm mounted on a vertical surface mounting base. At the device mounting end of the mount is a rectangular 6.25" x 1.98" plate. The rectangular plate is connected to the swing arm with a RAM 1.5" Ball and Socket System. The connection between the swing arm and the base is a bolt pivot point, and the rectangular plate and arm connection is the RAM ball and socket system. The bolt pivoting point allows a complete 360 degree rotation and the ball and socket system allows a 180 degree vertical pivot with a 360 degree rotation.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2.55 lbs

## Mount Components

BASE: RAM-111B  
ARM: RAM-109U-G2  
BASE: RAM-109V-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97

# RAM-109VU

## Description

The RAM single swing arm mount consists of a 6" long BENT swing arm mounted on a vertical surface mounting base. At the device mounting end of the mount is a rectangular 6.24" x 1.98" plate. The rectangular plate is connected to the swing arm with a pivot post.

There are two (2) pivoting points on the mount. One at the swing arm and base and one at the center of the rectangular plate and the end of the swing arm. Each pivoting point allows a complete 360 degree rotation.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2 lbs

## Mount Components

BASE: RAM-111BTU  
ARM: RAM-109-1APU  
BASE: RAM-109V-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97



# RAM-109V-1U

## Description

The RAM dual swing arm mount consists of two 6" long BENT swing arms mounted on a vertical surface mounting base. At the device mounting end of the mount is a rectangular 6.25" x 1.98" plate. The rectangular plate is connected to the swing arm with a pivot post.

There are three (3) pivoting points on the mount. One at the swing arm and base, one at the center where the two swing arms join and one at the center of the rectangular plate and the end of the swing arm. Each pivoting point allows a complete 360 degree rotation, making the RAM-109V-1 one of the most versatile swing arm mounts on the market today.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2.82 lbs

## Mount Components

BASE: RAM-111BTU  
ARM: RAM-109-1A  
ARM: RAM-109-1APU  
BASE: RAM-109V-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97

# RAM-109V-2U

## Description

The RAM dual swing and socket arm mount consists of a 6" long STRAIGHT swing arm mounted on a vertical surface mounting base. At the device mounting end of the mount is a rectangular 6.25" x 1.98" plate. The rectangular plate is connected to the socket arm with a 1.5" ball and socket system.

There are three (3) pivoting points on the mount. The connection between the swing arm and the base is a bolt pivot point, and the rectangular plate to socket arm and the swing arm to socket arm connections have the RAM 1.5" ball and socket system. The bolt pivoting point allows a complete 360 degree rotation. The dual arm ball and socket system connection allows a 180 degree vertical pivot with a 360 degree rotation while the end plate ball and socket system allows a 180 degree vertical pivot with a 360 degree rotation.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2.83 lbs

## Mount Components

BASE: RAM-111BU  
ARM: RAM-201U  
POST: RAM-208U  
ARM: RAM-109-1ATPU  
BASE: RAM-109V-B



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97



# RAM-111U

## Description

1.5" diameter Ball Marine Grade Aluminum Mount with 2" x 6 1/4" Plate and a 4 5/8" C size arm.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.45 lbs

## Mount Components

BASE: RAM-111B  
ARM: RAM-201U  
BASE: RAM-202U



## Compatible Makes & Models

GARMIN FISHFINDER 320C  
GARMIN GPSMAP 180  
GARMIN GPSMAP 182  
GARMIN GPSMAP 182C  
GARMIN GPSMAP 185 SOUNDER  
GARMIN GPSMAP 188 SOUNDER  
GARMIN GPSMAP 188C SOUNDER  
GARMIN GPSMAP 192C  
GARMIN GPSMAP 198C SOUNDER

GARMIN GPSMAP 2106  
GARMIN GPSMAP 2206  
GARMIN GPSMAP 230  
GARMIN GPSMAP 232  
GARMIN GPSMAP 235 SOUNDER  
GARMIN GPSMAP 238 SOUNDER  
GARMIN GPSMAP 3005C  
GARMIN GPSMAP 3006C  
GARMIN GPSMAP 3205

GARMIN GPSMAP 3206  
LOWRANCE LCX-104C  
LOWRANCE LCX-110C  
LOWRANCE LCX-17M  
LOWRANCE LCX-19C  
LOWRANCE LCX-20C  
LOWRANCE LCX-25C  
LOWRANCE LCX-26C HD  
LOWRANCE LMS-332C

HUMMINBIRD 947C 3D COMBO  
HUMMINBIRD 931C  
HUMMINBIRD 937C COMBO  
HUMMINBIRD 981C SI  
HUMMINBIRD 987C SI COMBO  
HUMMINBIRD MATRIX 97

# RAM-111-338U

## Description

Made of durable light weight aluminum, the RAM Double Adapter Plate offers a round and square platform for numerous RAM products and hundreds of others on the market. Here are just a few of the ways you can use this product:

1. Easily place an external GPS or XM antenna behind the factory display
2. Stack devices so your GPS is just above your Fish Finder
3. Mount your cell phone over your VHF to keep communications at the ready

If you already have a RAM system with the AMPS hole pattern, this innovative component will easily integrate into your existing system. Well suited to a variety of vehicles and applications, the new RAM Double Adaptor Plate is sure to make space and add convenience where ever you need it.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## Mount Components

BASE: RAM-338U  
BASE: RAM-111U  
ARM: RAM-201U  
BASE: RAM-202U



# RAM-137U

## Description

Aluminum 1.5" Ball 2.5" diameter Base with 3" x 11" Plate Mount.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 2 lbs

## Mount Components

BASE: RAM-137BU  
ARM: RAM-201U  
BASE: RAM-202U

## Compatible Makes & Models

GARMIN GPSMAP 2006  
GARMIN GPSMAP 2006C  
GARMIN GPSMAP 2010  
GARMIN GPSMAP 2010C  
GARMIN GPSMAP 2110  
GARMIN GPSMAP 2210  
GARMIN GPSMAP 3010C  
GARMIN GPSMAP 3210  
LOWRANCE LCX-111C HD



# RAM-B-101-G2U

## Description

The RAM Marine Grade Aluminum Dash Mount consists of the 1" diameter ball and socket system with RAM Universal 2.5" diameter Plate and connection hardware. This mount is designed to be a universal mounting solution for both RAM and non-RAM designed products. The hole pattern found on the 2.5" Plate will connect to a large variety of third party cradles and mounts.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## Mount Components

BASE: RAM-B-202-G2U  
ARM: RAM-B-201U  
POST: RAM-B-202U

## Compatible Makes & Models

GARMIN FISHFINDER 120  
GARMIN FISHFINDER 140  
GARMIN FISHFINDER 250  
GARMIN FISHFINDER 250C



# RAM-B-103-GA18U

## Description

RAM Marine System for the Garmin 172 series.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## Mount Components

ADAPTER PLATE: RAM-B-202-GA18U  
ARM: RAM-B-201U  
BASE: RAM-B-202U

## Compatible Makes & Models

GARMIN GPSMAP 172  
GARMIN GPSMAP 172c



# RAM-B-107-1U

## Description

The RAM-B-107-1 Mount is a Marine Grade Aluminum Swivel Mount with 1.0 inch B Size Ball and Socket System.

The base of the mount is a 2.5 inch diameter plate designed to be permanently attached to a flat surface. The plate end of the mount connects to the underside of the Humminbird Piranah MAX and Eagle Cuda unit mounts.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## Mount Components

BASE: RAM-B-107-1BU  
ARM: RAM-B-201U  
BASE: RAM-B-202U

## Compatible Makes & Models

LOWRANCE M52I S-GPS  
LOWRANCE M56 S-MAP  
LOWRANCE M56I S-MAP  
LOWRANCE M68C S-MAP  
LOWRANCE M68C S-MAP ICEMACHINE  
LOWRANCE M68I S-MAP  
LOWRANCE X47  
LOWRANCE X47EX  
LOWRANCE X67C

LOWRANCE X67C ICEMACHINE  
EAGLE CUDA 128  
EAGLE CUDA 168 (EXCLUDING 168 EX)  
EAGLE CUDA 240 SERIES  
EAGLE FISHEASY 240  
EAGLE FISHEASY 320 C



# RAM-B-107-1U-238

## Description

The RAM-B-107-1U-238 Mount is a Marine Grade Aluminum Swivel Mount with 1.0 inch B Size Ball and Socket System.

The base of the mount is a 2 7/16" X 1 5/16" inch diameter plate designed to be permanently attached to a flat surface. The plate end of the mount connects to the underside of the Humminbird Piranah MAX and Eagle Cuda unit mounts.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## Mount Components

BASE: RAM-B-107-1BU  
ARM: RAM-B-201U  
BASE: RAM-B-238U

## Compatible Makes & Models

LOWRANCE M52I S-GPS	LOWRANCE X67C ICEMACHINE
LOWRANCE M56 S-MAP	EAGLE CUDA 128
LOWRANCE M56I S-MAP	EAGLE CUDA 168 (EXCLUDING 168 EX)
LOWRANCE M68C S-MAP	EAGLE CUDA 240 SERIES
LOWRANCE M68C S-MAP ICEMACHINE	EAGLE FISHEASY 240
LOWRANCE M68I S-MAP	EAGLE FISHEASY 320 C
LOWRANCE X47	
LOWRANCE X47EX	
LOWRANCE X67C	



# RAM-B-107U

## Description

The RAM-B-107 Mount is a Marine Grade Aluminum Swivel Mount with 1.0 inch B Size Ball and Socket System.

The base of the mount is a 2.5 inch diameter plate designed to be permanently attached to a flat surface. The plate end of the mount connects to the underside of select Humminbird unit mounts.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 0.68 lbs

## Mount Components

BASE: RAM-B-107BU  
ARM: RAM-B-201U  
POST: RAM-B-202U

## Compatible Makes & Models

HUMMINBIRD 141C	HUMMINBIRD MATRIX 17
HUMMINBIRD 323	HUMMINBIRD MATRIX 27
HUMMINBIRD 363 COMBO	HUMMINBIRD MATRIX 37
HUMMINBIRD 383C COMBO	HUMMINBIRD MATRIX 67 COMBO
HUMMINBIRD FISHFINDER 525	HUMMINBIRD MATRIX 77C
HUMMINBIRD FISHFINDER 535	HUMMINBIRD MATRIX 87C COMBO
HUMMINBIRD FISHFINDER 565	HUMMINBIRD MATRIX 97 COMBO
HUMMINBIRD FISHFINDER 585C	HUMMINBIRD PIRANHAMAX 10
HUMMINBIRD FISHFINDER 595C COMBO	HUMMINBIRD PIRANHAMAX 15
HUMMINBIRD MATRIX 12	HUMMINBIRD PIRANHAMAX 20



# RAM-B-107U-238

## Description

RAM Mount for the Humminbird/Apelco diameter base swivel mount Matrix and 500 series.

## Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 0.68 lbs.

## Mount Components

ADAPTER PLATE: RAM-B-107BU  
ARM: RAM-B-201U  
BASE: RAM-B-238U

## Compatible Makes & Models

- |                                  |                             |
|----------------------------------|-----------------------------|
| HUMMINBIRD 141C                  | HUMMINBIRD MATRIX 17        |
| HUMMINBIRD 323                   | HUMMINBIRD MATRIX 27        |
| HUMMINBIRD 363 COMBO             | HUMMINBIRD MATRIX 37        |
| HUMMINBIRD 383C COMBO            | HUMMINBIRD MATRIX 67 COMBO  |
| HUMMINBIRD FISHFINDER 525        | HUMMINBIRD MATRIX 77C       |
| HUMMINBIRD FISHFINDER 535        | HUMMINBIRD MATRIX 87C COMBO |
| HUMMINBIRD FISHFINDER 565        | HUMMINBIRD MATRIX 97 COMBO  |
| HUMMINBIRD FISHFINDER 585C       | HUMMINBIRD PIRANHAMAX 10    |
| HUMMINBIRD FISHFINDER 595C COMBO | HUMMINBIRD PIRANHAMAX 15    |
| HUMMINBIRD MATRIX 12             | HUMMINBIRD PIRANHAMAX 20    |



# RAM

FISHING ROD AND TUBE HOLDERS



[WWW.RAM-MOUNT.COM](http://WWW.RAM-MOUNT.COM)

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# RAM-114-B

## Description

RAM Rod 2000 Holder with Bulkhead Mount.

## Base Type

Vertical Mounting Base

## Cradle Design

Vertical mounting base has a socket for a vertical arm that extends to the ROD holder. If you require a horizontal mount, consider the RAM-114-F.

## Features

- MATERIAL: High Strength Plastic
- BALL SIZE: N/A
- COLOR: Black
- WEIGHT: 1.02 lbs

## Mount Components

- HOLDER: RAM-114
- BASE: RAM-114-BM



# RAM-114-BM

## Description

RAM Rod 2000 Bulkhead Mounting Base.

## Part Design

This base has a socket for the RAM Rod 2000 arm at 0 degrees to the base plate. If you require a horizontal mount, consider the RAM-114-FM.

## Features

- MATERIAL: High Strength Plastic
- BALL SIZE: N/A
- COLOR: Black
- WEIGHT: 0.2 lbs



# RAM-114-D

## Description

RAM Rod 2000 Holder with Deck and Track Mount.

## Base Type

Flat Surface Mounting Base

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: 1.12 lbs

## Mount Components

HOLDER: RAM-114  
BASE: RAM-114-DTM



# RAM-114-DTM

## Description

RAM Rod 2000 Deck and Track Mounting Base.

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: 0.44 lbs



# RAM-114-F

## Description

RAM Rod 2000 Holder with Flush Mount.

## Base Type

Horizontal Mounting Base

## Cradle Design

Horizontal mounting base has a socket for a vertical arm that extends to the ROD holder. If you require a vertical mount, consider the RAM-114-B.

## Features

MATERIAL: High Strength Plastic

BALL SIZE: N/A

COLOR: Black

WEIGHT: 1.21 lbs

## Mount Components

HOLDER: RAM-114

BASE: RAM-114-FM



# RAM-114-FM

## Description

RAM Rod 2000 Flush Mounting Base.

## Part Design

This base has a socket for the RAM Rod 2000 arm at 90 degrees to the base plate. If you require a vertical mount, consider the RAM-114-BM.

## Features

MATERIAL: High Strength Plastic

BALL SIZE: N/A

COLOR: Black

WEIGHT: 0.3 lbs



# RAM-114-R

## Description

RAM Rod 2000 Holder with Bulkhead Mount and Rail Mount Adapter.

Base Type  
Rail Mounting Base

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: N/A

## Mount Components

HOLDER: RAM-114  
BASE: RAM-114-BM  
BASE: RAM-114-RM



# RAM-114-RM

## Description

Rail Mount Adapter for the RAM-114FM and RAM-114BM Base for RAM Rod 2000.

## Part Design

This adapter joins to base plates with the screws provided and turns the flat base into a rail base. The adapter is a 'U' shape so it can wrap around a tube mount and the clamp by joining to the flat plate base.

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: 0.4 lbs



### RAM-117



#### Description

Plastic RAM ROD-2000 Fishing Rod Holder with Aluminum Round 2.5" Diameter Base Mount.

#### Features

MATERIAL: High Strength Plastic  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black  
WEIGHT: 1.75 lbs

#### Mount Components

HOLDER: RAM-117U  
ARM: RAM-201U

### RAM-117B



#### Description

Plastic RAM ROD 2000 Fishing Rod Holder with 1.5" Ball.

#### Features

MATERIAL: High Strength Plastic  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black  
WEIGHT: 0.61 lbs

### RAM-119



#### Description

RAM Tube Fishing Rod Holder.

This aluminum tube is design to hold the handle end of you fishing rod. It is an aluminum tube with a 1.5" socket at the end, connected to a 2.5" round plate with a 1.5" Ball.

#### Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.71 lbs

#### Mount Components

HOLDER: RAM-119B  
BASE: RAM-202U

### RAM-119-23U



#### Description

RAM Tube Fishing Rod Holder.

This aluminum tube is design to hold the handle end of you fishing rod. It is an aluminum tube with a 1.5" socket at the end, connected to a 2" x 3" plate with a 1.5" Ball.

#### Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.71 lbs

#### Mount Components

HOLDER: RAM-119B  
BASE: RAM-202U-23



## RAM-119B



### Description

RAM Tube Fishing Rod Holder without 1 1/2" Diameter Ball and Base.

This aluminum tube is design to hold the handle end of you fishing rod. It is an aluminum tube with a 1.5" socket at the end. It will connect to any of the RAM 1.5" Ball accessories.

### Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: 1.27 lbs

## RAM-119T



### Description

RAM Tube Fishing Rod Holder.

This aluminum tube is design to hold the handle end of you fishing rod. It is an aluminum tube with a 1.5" socket at the end, connected to a track plate with a 1.5" Ball.

### Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat

## RAM-119-3



### Description

RAM Triple Deck and Track Base without Balls.

### Features

MATERIAL: Powder Coated Marine Grade Aluminum  
BALL SIZE: 1.5 Inch Rubber Ball  
COLOR: Black Powder Coat  
WEIGHT: N/A

## RAM-301-B



### Description

RAM Tube 2000 Holder with Bulkhead Mount.

### Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: N/A



# RAM-301-D



## Description

RAM Tube 2000 Rod Holder with Deck and Track Mount.

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: N/A

# RAM-301-F



## Description

RAM Tube 2000 Rod Holder with Flush Mount.

## Features

MATERIAL: High Strength Plastic  
BALL SIZE: N/A  
COLOR: Black  
WEIGHT: N/A





# PPF-101

## Description

1 1/8" Max. Shaft Diameter Brute Propeller Puller Kit with Shaft Saver Bolt.

PRO-PULL Brute models are designed to remove, 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. These tools have fine thread screws to enable a strong pulling force with little effort.

## Features

Kit includes: (3/4" - 1 1/8") Shaft diameter propeller puller, a wrench for the puller and prop nut, a stainless steel cotter pin, a brass prop shaft key, a brass nylock prop nut, waterproof grease, safety lanyard and is packaged in a rustproof carrying case. Clearance required between propeller hub and strut is 1/4" minimum.

## Weight

6 lbs.



# PPF-102

## Description

1 1/8" Max. Shaft Diameter Brute Propeller Puller with Shaft Saver Bolt.

PRO-PULL Brute models are designed to remove, 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. These tools have fine thread screws to enable a strong pulling force with little effort.

## Features

(3/4" - 1 1/8") Shaft diameter tool only is the same propeller puller used in the PPF-101 Kit. Clearance required between propeller hub and strut is 1/4" minimum

## Weight

4 lbs.



# PPF-103

## Description

1 1/2" Max. Shaft Diameter Heavy-Duty Propeller Puller.

PRO-PULL Heavy Duty models are designed to remove 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 1 1/4" - 3". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. Threaded rods, washers and nuts are zinc plated steel. The forked end of the puller will fit behind the propeller hub with minimal clearance required. The shaft end of the puller has a recess to captivate and hold the propeller shaft in the center of the tool so it won't slip off while in use.

## Features

(1 1/4" - 1 1/2") Shaft diameter propeller puller. Clearance required between propeller hub and strut is 3/4" minimum.

## Weight

12 lbs.



# PPF-104

## Description

2 1/2" Max. Shaft Diameter Heavy-Duty Propeller Puller.

PRO-PULL Heavy Duty models are designed to remove 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 1 1/4" - 3". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. Threaded rods, washers and nuts are zinc plated steel. The forked end of the puller will fit behind the propeller hub with minimal clearance required. The shaft end of the puller has a recess to captivate and hold the propeller shaft in the center of the tool so it won't slip off while in use.

## Features

(2 1/8" - 2 1/2") Shaft diameter propeller puller. Clearance required between propeller hub and strut is 7/8" minimum.

## Weight

27 lbs.



# PPF-106

## Description

1 1/4" - 2 1/2" 10 Ton Chain Propeller Puller.

PRO-PULL 10 Ton Chain propeller puller is designed to remove 2, 3, 4, 5 and 6 blade propellers on inboard shafts ranging from 1 1/4" - 2 1/2". It's made of high strength heat-treated allow steel and finished with cadmium for protection. The chains are grade 70 transport rated and are plated with cadmium. All bolts, nuts and threaded parts are either grade 5 or heat-treated allow steel finished with cadmium. Four propeller shaft adapters are used to set puller up for a specific shaft size and/or if propeller blades extend forward of the propeller hub. Four hooks with safety rings are used on propellers that have no clearance between the propeller hub and the strut. The chains conform to propeller blades that overlap to accomodate easy propeller removal without damage to the blades. Complete with zinc plated case hardened box wrench to operate puller a container of waterproof grease, waterproof tool box and instructions with diagrams for use.

## Features

(1 1/4" - 2 1/2") Shaft diameter 10 Ton chain propeller puller. Net weight of tool complete with accessories and stowage box.

## Weight

34 lbs.



# PPF-107

## Description

2" Max. Shaft Diameter Heavy-Duty Propeller Puller.

PRO-PULL Heavy Duty models are designed to remove 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 1 1/4" - 3". They are made of high strength heat-treated allow steel and finished with cadmium for protection. Threaded rods, washers and nuts are zinc plated steel. The forked end of the puller will fit behind the propeller hub with minimal clearance required. The shaft end of the puller has a recess to captivate and hold the propeller shaft in the center of the tool so it won't slip off while in use.

## Features

(1 5/8" - 2") Shaft diameter propeller puller. Clearance required between propeller hub and strut is 13/16" minimum.

## Weight

18 lbs.



(BRONZE)

(ALUMINUM)

# PPF-108 / PPF-108A

## Description

Bronze/Aluminum 6 in 1 Outboard and Stern-Drive Propeller Nut Wrench.

PRO-PULL Outboard and Stern-Drive 6 in 1 propeller wrench is made of solid Nibral or Marine Grade Aluminum with six tools all in one easy to use handle. It will remove and install propeller nuts, cotter pins and propeller nut keepers on the following Outboard engines:

1. Mercury 75hp & up
2. OMC 60hp & up
3. Suzuki 55hp & up
4. Mariner 75hp & up
5. Yamaha 55hp & up

It will also work on all Stern-Drive engines made by: Mercury, OMC, Suzuki, Mariner, Yamaha and many others with either a 1 1/16" or 1 1/4" propeller nut. This tool comes packaged with a safety wrist strap to prevent tool loss if accidentally dropped overboard.

## Product Numbers

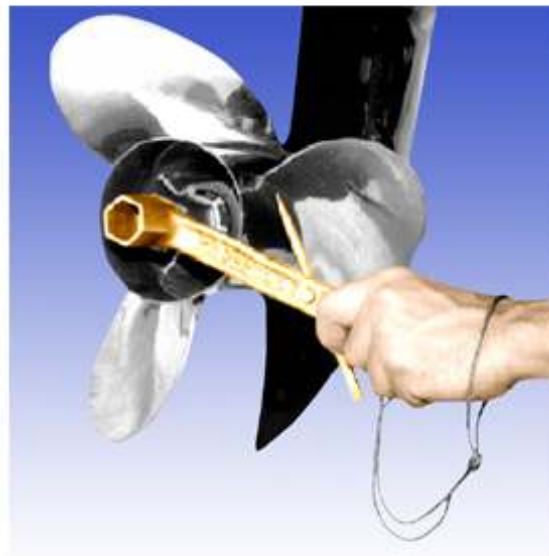
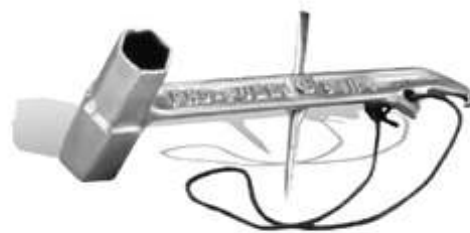
PPF-108: Pro-Pull 6 in 1 Bronze Wrench.

PPF-108A: Pro-Pull 6 in 1 Aluminum Wrench.

## Weight

PPF-108: 2 lbs.

PPF-108A: 1 lbs.



# PPF-113

## Description

3/4" - 2" Versatile Propeller Puller.

PRO-PULL Versatile propeller puller is designed to remove 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". It's made of high strength heat-treated alloy steel and finished with cadmium for protection. The threaded rods, pivot pins and handle are manufactured using the finest stressproof steels available. The shaft end of the puller has a recess to captivate and hold the propeller shaft in the center of the tool so it can't slip off while in use. The offset design of the pivot pins keep the hook of the tool on the propeller hub and pulls through the center of the propeller shaft. Minimal clearance between the propeller hub and strut are required due to the unique puller design. This propeller puller requires no additional tools for operation.

## Features

(2 1/8" - 2 1/2") Shaft diameter propeller puller. Clearance required between propeller hub and strut is 7/8" minimum.

## Weight

16 lbs.



# PPF-113-1 / PPF-113-2

PPF-113-2

## Product Numbers

PPF-113-1: 5/8" RH/LH Screw For 3/4" - 2" Versatile Propeller Puller  
PPF-113-2: 3/4" Screw For 3/4" - 2" Versatile Propeller Puller

## Weight

PPF-113-1: 0.8 lbs.  
PPF-113-2: 0.9 lbs.

PPF-113-1



# PPF-115

## Description

Outboard and Stern-Drive Propeller Puller.

PRO-PULL Outboard and Stern-Drive propeller puller is designed to remove any 2, 3, 4, 5 and 6 blade propeller. Structural components are made of heat-treated alloy steel finished with cadmium for protection. The bolt is grade 5 steel plated with cadmium. This puller will also remove any Duo-Prop. In addition this tool may also be used on many boats with inboard shafts up to 1 1/4" diameter. Comes complete with a waterproof carrying case for convenient stowage. This propeller puller requires no additional tools for operation.

## Features

Outboard and Stern-Drive propeller puller. Net weight includes puller with all accessories.

## Weight

22 lbs.



# PPF-116

## Description

3/4" - 2" Versatile Propeller Puller.

PRO-PULL Versatile propeller puller is designed to remove 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". It's made of high strength heat-treated alloy steel and finished with cadmium for protection. The threaded rods, pivot pins and handle are manufactured using the finest stress-proof steels available. The shaft end of the puller has a recess to captivate and hold the propeller shaft in the center of the tool so it can't slip off while in use. The offset design of the pivot pins keep the hook of the tool on the propeller hub and pulls through the center of the propeller shaft. Minimal clearance between the propeller hub and strut are required due to the unique puller design. This propeller puller requires no additional tools for operation.

## Features

(2 1/8" - 2 1/2") Shaft diameter propeller puller. Clearance required between propeller hub and strut is 7/8" minimum.

## Weight

16 lbs.



# PPF-118

## Description

1 1/2" Max. Shaft Diameter Brute Propeller Puller with Pointed Bolt.

PRO-PULL Brute models are designed to remove, 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. These tools have fine thread screws to enable a strong pulling force with little effort.

## Features

(1 1/4" - 1 1/2") Shaft diameter propeller puller with removable handle and safety lanyard. Clearance required between propeller hub and strut is 5/8".

## Weight

11 lbs.



# PPF-119

## Description

2" Max. Shaft Diameter Brute Propeller Puller with Pointed Bolt.

PRO-PULL Brute models are designed to remove, 2, 3, most 4 and some 5 blade propellers on inboard shafts ranging from 3/4" - 2". They are made of high strength heat-treated alloy steel and finished with cadmium for protection. These tools have fine thread screws to enable a strong pulling force with little effort.

## Features

(1 5/8" - 2") Shaft diameter propeller puller with removable handle and safety lanyard. Clearance required between propeller hub and strut is 3/4".

## Weight

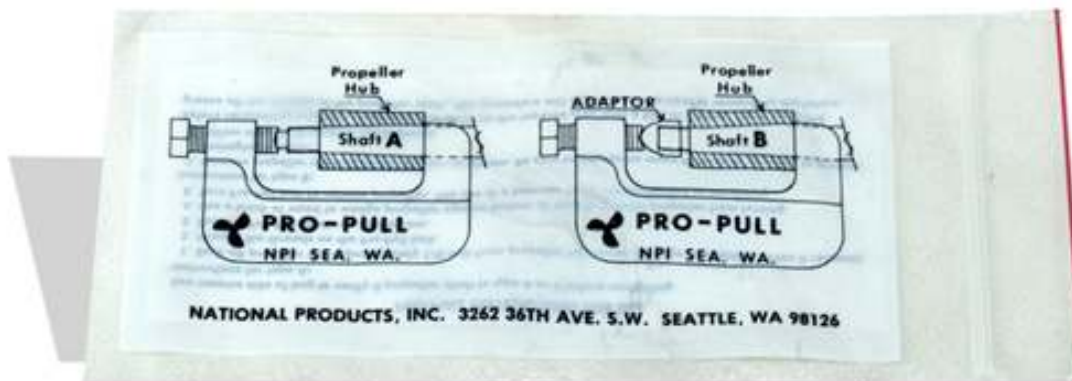
28 lbs.



# PPF-216

## Description

3/4"-NC Propeller Nut Kit with Nylock Nut Cotter Pin, Brass Key and Grease.



# CONTACT US

To request additional information or determine the best mounting method for your equipment, contact us through any of the following methods:

National Products, Inc.

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