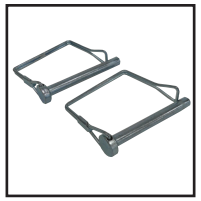
• REPLACEMENT PARTS •

These are replacement parts for purchase. Pictures do not represent contents of set.

00754 - 1

00754 - 2



00749 - 1

Parts List & Pricing:

00754 - 1	Strap Set - 2 Straps	$20.00
00754 - 2	PTO Clips (2 pcs)	$12.50
00749 - 1	Foam Pads (2 pcs)	$20.00

Send Check or Money Order with Phone Number to:
Tech Team®
P.O. Box 983
Middleburgh, NY 12122
NYS Resident add appropriate% Sales Tax

** $10.00 Shipping & Handling to Lower 48 States**
** $25.00 Shipping & Handling to Alaska, Hawaii, Puerto Rico**

Always wear appropriate vision and hearing protection when using this product!

TECH TEAM®

00749

KAYAK~PADDLEBOARD~SUP OVERHEAD STORAGE RACK

The Tech Team® #749 Overhead Paddle Sports Storage Rack was designed to hold 2 boats overhead in a typical residential garage. The rack is made from welded, heavy duty, powder coated steel with appropriate padding to protect the boat and is designed to provide many years of service.

In the course of shipping and packing, parts may end up missing or damaged-
Call us at 631.673.5975. 8:30 a.m. - 5:00 p.m. Eastern Time. We will promptly send replacements.

Always wear appropriate vision and hearing protection when using this product!

Paddle boards, boats, kayaks, etc. can present unique storage situations since, at best, they are clumsy and unwieldy when they are out of the water. Tech Team makes several wall mounted solutions, but these are not always appropriate, and therefore an overhead solution, particularly in circumstances where available space is limited, can make the most sense. This is where the Tech Team #749 Overhead Rack System, which stores 2 units, can be a huge benefit.

The Tech Team #749 Overhead Storage Rack is designed to securely support 2 paddleboards, SUP's, surfboards, or kayaks overhead in a typical residential garage venue. The rack system can support 250 lbs. evenly distributed. However, the weight bearing capacity of the system to a great degree is a function of what it is mounted to and how well it is mounted. For example, should you try to mount the system to dry wall using dry wall anchors and/or toggles, you could expect a very unhappy situation to develop, as whatever you put on the rack will end up on the floor or possibly on top of your vehicles. That being said, it is important to pay close attention to correct preparation and installation of the rack. Ceiling beams, joists, or rafters in a typical residential garage can be expected to be made from 2 x 6, 2 x 8, 2 x 10, or 2 x 12 lumber. What this means in practice is that the actual width of the beam or joist is 1 ½″ (the 2″ is nominal). This alone will not give you enough purchase to support an overhead racking system. What you need to do is securely anchor a 2 x 6 or 2 x 8 mounting board across at least 3, but preferably 4 of the ceiling rafters. In other words, the piece of lumber will be 90° to the ceiling beams. Preferably you would use an 8' or 10' length, anchoring it with 3-4 #8 x 3″ screws at each ceiling beam intersection. In other words, using between 12-16 screws total. Not only will this provide a solid strong base for anchoring the rack, it will also give you the ability to set the spacing between the racks at any distance you choose. If your ceiling beams run in the opposite direction, then the correct solution is to mount 2 2 x 6 or 2 x 8′s across 2 of the rafters, once again using 3-4 #8 x 3″ screws at each connection point at distances that make sense for the spacing of your brackets.

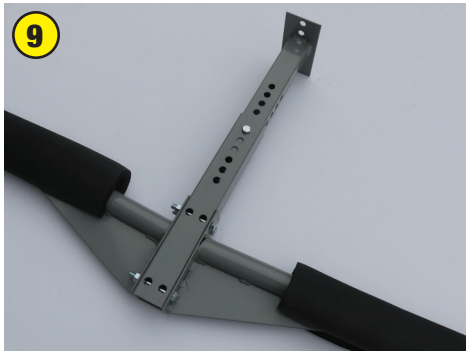
By now you probably get the point that proper and secure mounting is the key to long term success with this type of overhead system.

Now attach the straps with the plain end to the ends of the 4 arms using a PTO clip as shown.

Have a 100mm M12 bolt in hand, and then slide the arm and extension assembly over the pedestal base that has been mounted to the mounting board and insert the bolt through the holes at the height that you determine to be best. The bolt should run front to back so that it doesn't contact the boat. Now tighten the nut. Repeat the same for the other bracket.

This is how the assembled rack should appear with kayaks in place strapped in.

This shows the detail of how the straps engage each other.

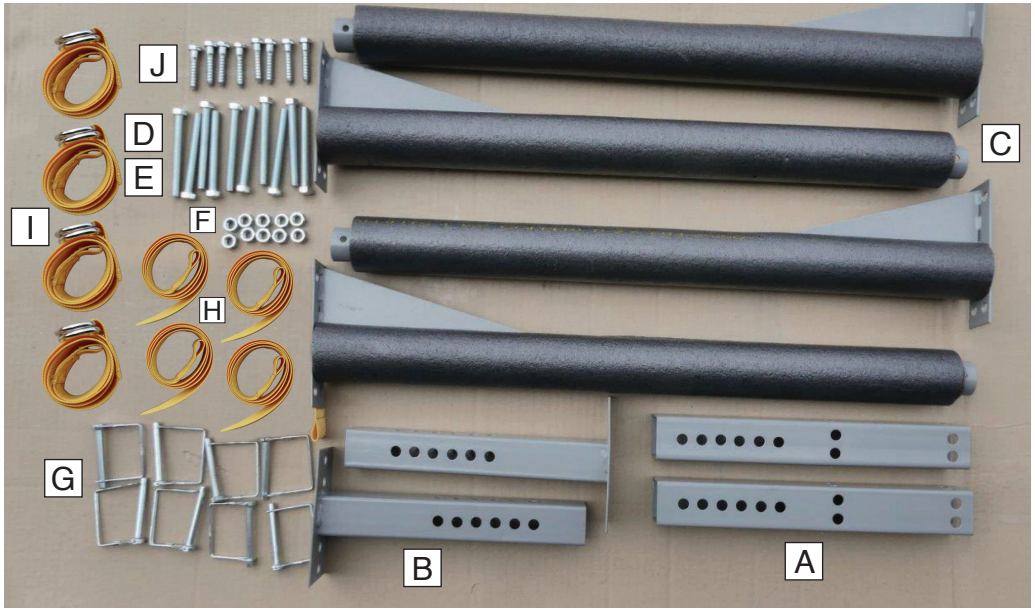


The support arms mount to the extension part of the bracket, using the 4 holes in the lower portion. Using 4 x 75mm M12 bolts and nuts, fasten two arms opposed to each other as shown.
The extension and pedestal bracket tubes form a snug fit due to close tolerances and thickness of the finish. Gentle application of a few taps of a mallet or hammer and piece of wood (for a cushion)will get them moving.

Use wrenches or a ratchet to tighten the bolts.

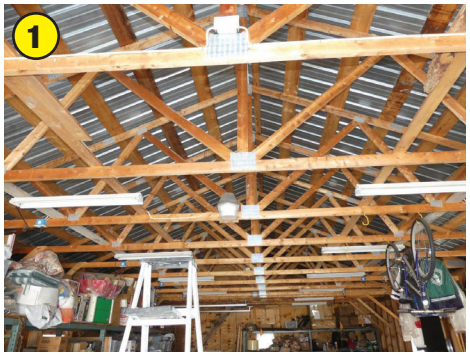
This is how the assembled extension pieces and arms will appear. The arms angle upwards at a 3° angle to ease the boat towards the center.

Have a 100mm M12 bolt in hand, and then slide the arm and extension assembly over the pedestal base that has been mounted to the mounting board and insert the bolt through the holes at the height that you determine to be best. The bolt should run front to back so that it doesn't contact the boat. Now tighten the nut. Repeat the same for the other bracket.



What's in the box:

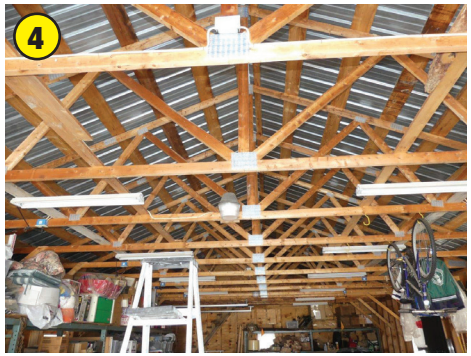
A. 2 - Extension Brackets
B. 2 - Pedestal Brackets
C. 4 - Support Arms
D. 2 - 100mm x M12 Bolts
E. 8 - 75mm x M12 Bolts
F. 10 - M12 Hex Nuts
G. 8 - PTO Clips
H. 4 - Web Straps
I. 4 - D Ring Straps
J. 8 - Lag Bolts



This is a typical rafter arrangement for many garages.

Measure the distances between the rafters and mark the center of each intersection accordingly on your 2x6 or 2x8.

Pre-drill at least 3 holes at the rafter locations. A 3⁄16″ diameter drill would be appropriate in most cases.



Use at least 3-4 #8 x 3″ screws to secure the 2 x 6 or 2 x 8 at each intersection.

This is how a properly mounted 2 x 6 would appear.

Measure the length of your boat and determine the spacing for mounting the brackets. Typically this would be 5-6’. Then put the pedestal portion of your bracket against the mounting board, mark the location for the lag bolt holes, and drill ¼” through pilot holes.

Tighten the lag bolts to secure the pedestal base to the mounting board. A ratchet will probably do the job easiest.

This is how a properly mounted pedestal base will appear.