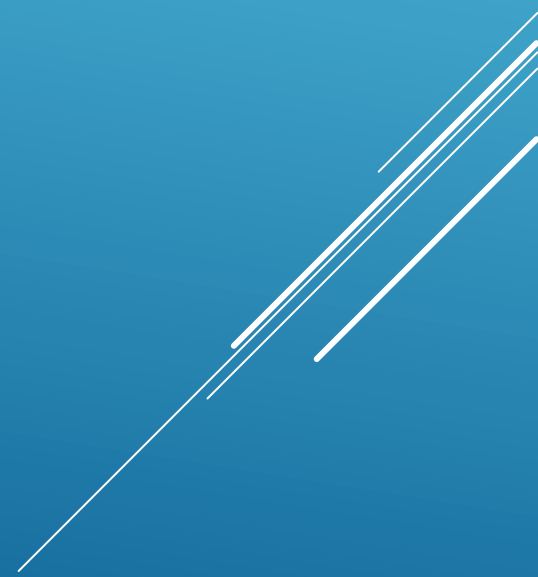


# SK101: HANDLING YOUR KAYAK OFF THE WATER



- ▶ **1.** Best ways to safely transport your kayaks
  - ▶ **2.** Handling a kayak
  - ▶ **3.** Storage choices
- 

# 1. ROOF BASICS

- ▶ 1. bare roof – what to do !
- ▶ 2. Roof Rails (run front to back)
- ▶ 3. Cross bars (run side to side)
- ▶ 4. Cradles / Rollers/ J Bars



# A. FOAM BLOCKS

ON A BARE ROOF OR EXISTING  
CROSS BARS



# BEST SOLUTION: ADD A RACK

➤ **Yakima**

[www.Yakima.com](http://www.Yakima.com)

➤ **Thule**

[www.thule.com](http://www.thule.com)

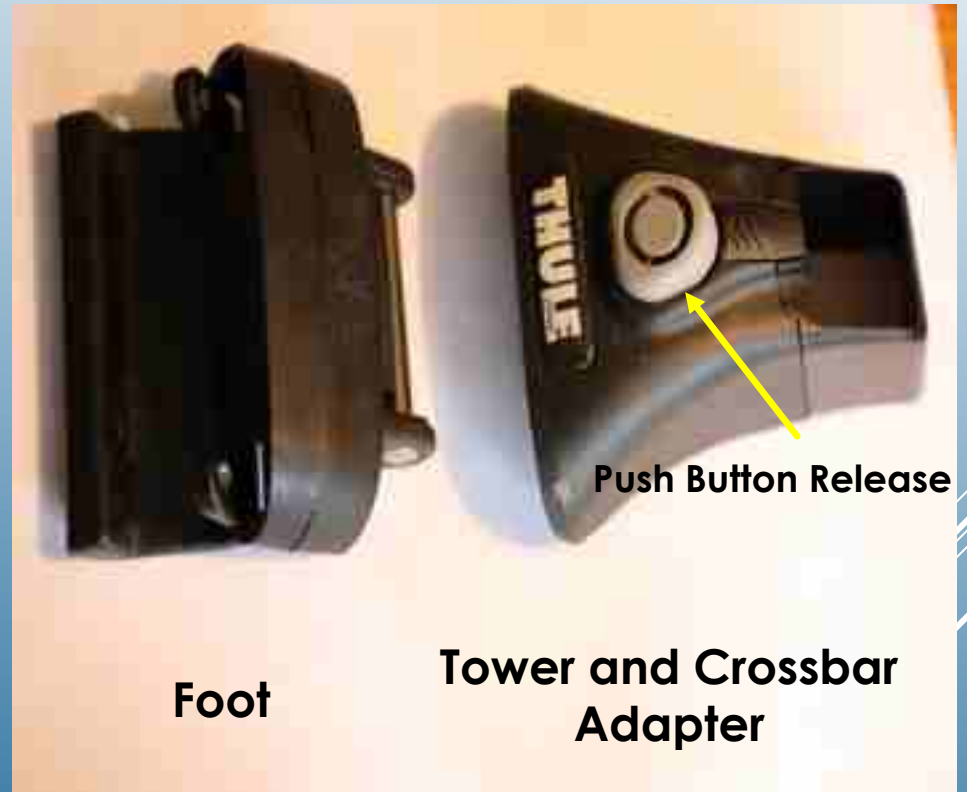
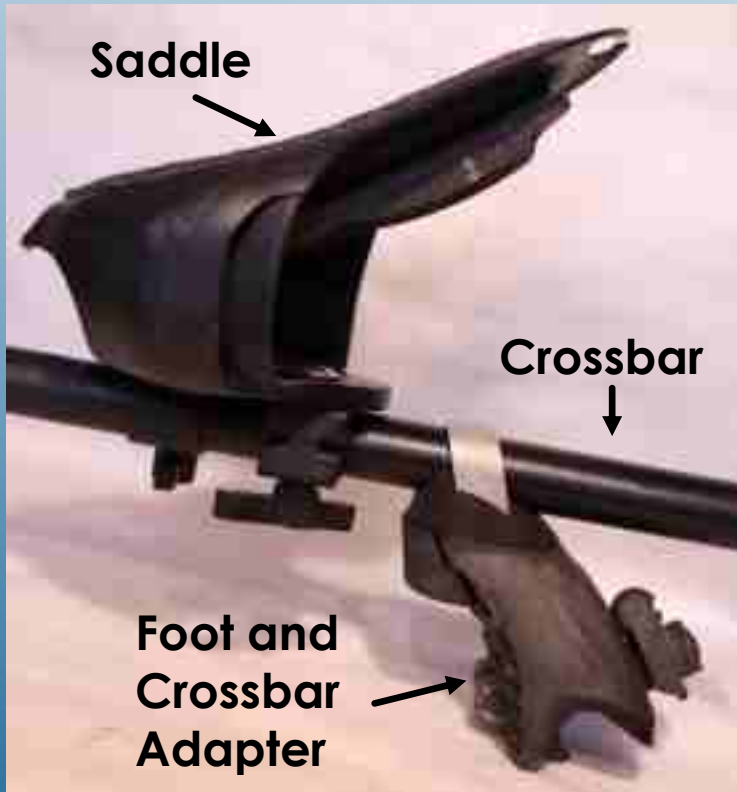
➤ **Malone**

[maloneautoracks.com](http://maloneautoracks.com)

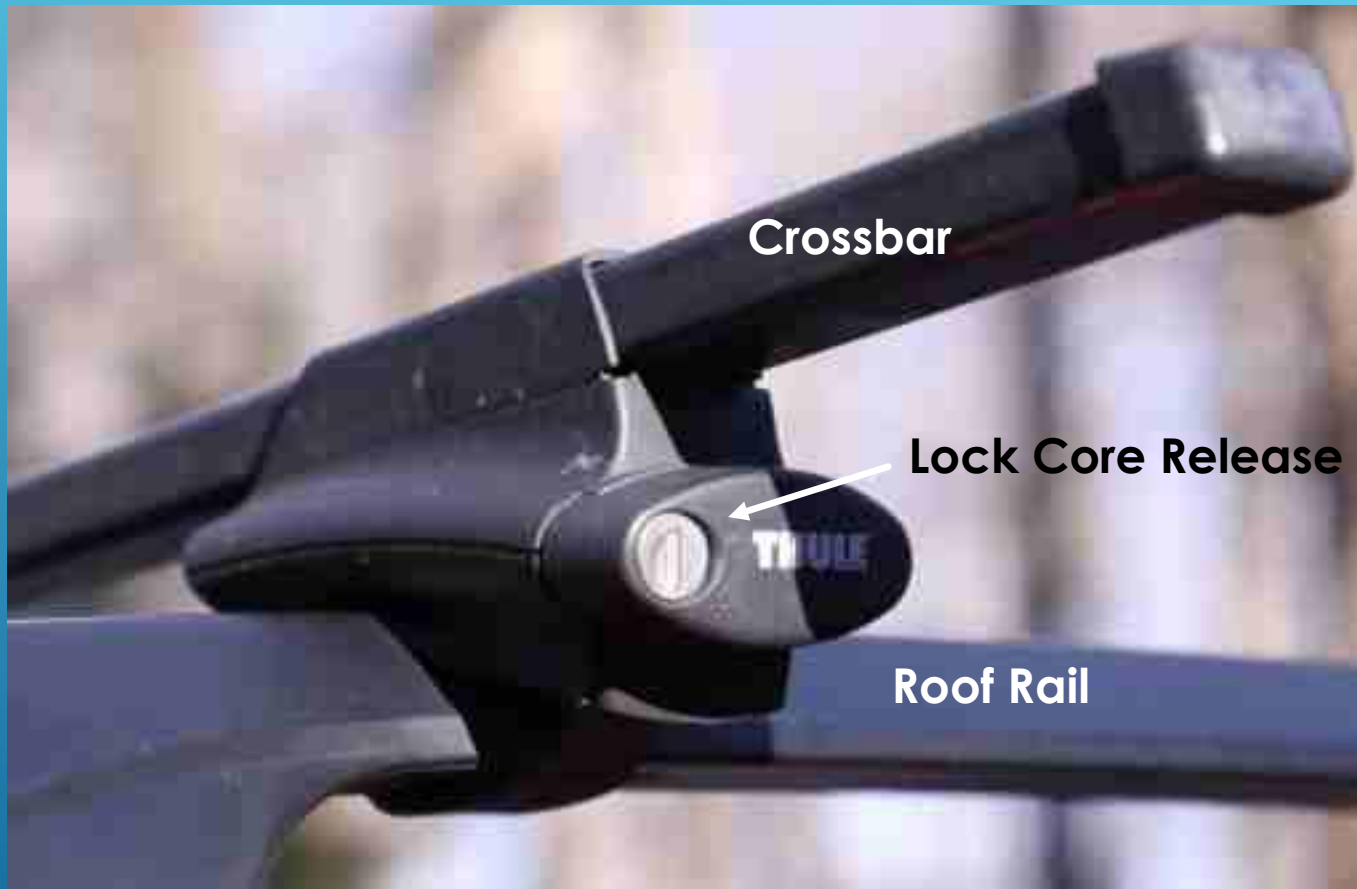
can provide accessories fitting  
most vehicles

Plus other manufacturers on-line

# RACK COMPONENTS FOR A BARE ROOF



# Rack Components for a Roof with Rails



**Rail to Crossbar Adapter**

## B. CRADLES:



- ▶ Padded saddles
- ▶ Easy to adjust
- ▶ Easy to load from the rear or side



# REAR ROLLERS/SADDLES

MAKE LOADING FROM THE REAR EASIER



# SET UP A RACK ON A PICKUP TRUCK



# C. GO ON EDGE with J-RACKS

- ▶ Less expensive set-up
- ▶ Space for 2 kayaks on narrow roof
- ▶ Do watch out for “new” height in parking garages
- ▶ May be awkward loading over your head
- ▶ Generally load from side only
- ▶ Some models fold down when not in use



# D. DO AN EASY LIFT

- Load at waist height
- Reduces kayak weight by 40 lbs.
- \$ Expensive \$



# E. TOW A KAYAK TRAILER

- ▶ Keeps boats easy to reach
- ▶ Can store additional gear
- ▶ Tow kit, title, tags, insurance, maintenance, parking, tolls...
- ▶ \*\* may require additional launch permit



# STRAP IT!

- ▶ Don't get distracted & forget a step
- ▶ Check straps & tie-downs – may loosen due to wind, rain & driving speeds.

Kayak rack warranties **do require both straps AND** front and rear tie-downs

# DO USE CAM BUCKLE STRAPS – SNUG/NOT TOO TIGHT...

- ▶ Use non-stretching UV resistant rope only if skilled with knots.
- ▶ Do not use ratchet straps. It's easy to overtighten and damage the boat





ALWAYS USE BOW & STERN  
TIEDOWNS!



# HERE'S A THULE TIEDOWN KIT



PS: we don't recommend using the open hook. It can come loose on a rough road.

# UNDER HOOD/TRUNK TIE DOWNS

- ▶ Easy to use
- ▶ Can be purchased /DIY
- ▶ Attach to engine compartment bolts or secured by hood/trunk




# SOME HANDY HELPERS


- ▶ Short step ladder or stool
- ▶ Rubber backed bath mat
- ▶ Load assist options



## 2. HANDLING A KAYAK

- ▶ Please use care & common sense  
Kayaks can cause serious injury ...
  - ▶ + Ding up your boat, your car, and  
you
- 

# COMMON STATS:

- ▶ Weight = 35-70+ lbs
  - ▶ Plastic rotomolded weighs the most)
  - ▶ Width = 20-30'' + rec. boats
  - ▶ Length = 10-19+ feet
  - ▶ Wind can impact your loading
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right corner of the slide.



**KAYAK CARTS :**  
Wheels are your friend!

# YOU & YOUR KAYAK ARE TALL – HOW TALL ?

- ▶ Watch out for low trees, parking garages
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right quadrant of the slide.







# Please tie on a flag

Bright Flagging for over sized- loads  
required by law depending on your  
travels & jurisdiction....

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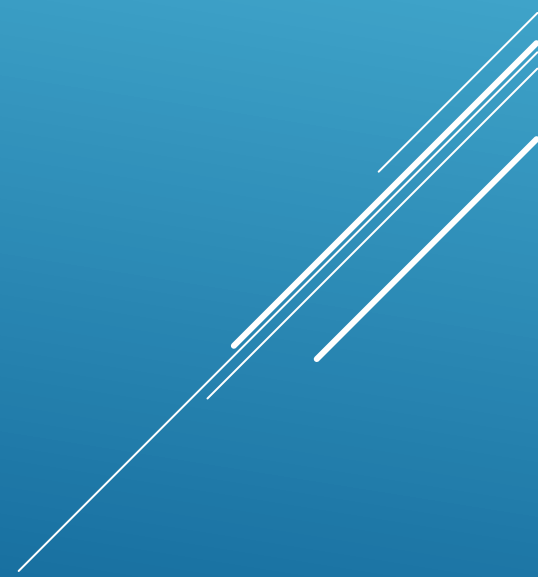
# 3. STORAGE IDEAS ...

- ▶ Inside wall hangers – spaced over boat bulkheads





OR INSIDE DIY RACK





**OR OVERHEAD PULLEY STORAGE**



OR A DIY ROLLING RACK



OR STAY OUTSIDE ...



## **WHEN STORING YOUR 'YAK OUTSIDE**

*Use a cover or kayak bag and hatch cover*

*Keep off the ground*

*Upside down to keep out water*

*Protect from UV damage*

*Boat should be clean and dry for long term storage*

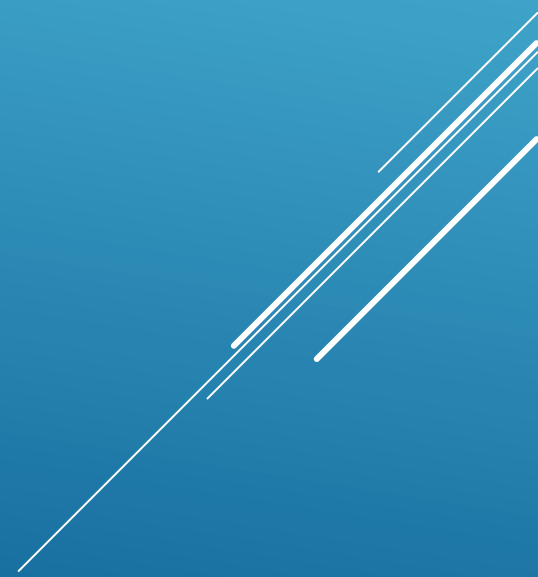


**PS: REMEMBER TO CHECK  
WINTER STORAGE &  
PREVENT EXTRA GUESTS!**

& Rubber hatches are not varmint-proof.



# Tips for Happy Kayaking Transport:

- ▶ 1. Allow time to load
  - ▶ 2. Use bow & stern tiedowns-  
check for loose lines
  - ▶ 3. Use a cockpit cover
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue background.

# AND:

- ▶ **4. Pick a safe roof rack system**
  - ▶ **5. Use care loading & hauling**
  - ▶ **6. Set up convenient storage**
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right corner of the slide.



“I DIDN'T WANT TO SCRATCH THE  
ROOF, OFFICER.”

▶ Now, who needs a rack?

