

SPORTREK™

[ROOF RACK](#) INSTALLATION INSTRUCTIONS (ALL RAIL LENGTHS)



PERRYCRAFT ^I/_C

ROOF RACK INSTALLATION INSTRUCTIONS

(ALL RAIL LENGTHS)

NOTE: Perrycraft's products are manufactured to be installed into the skin of the roof panel of vehicles. They are not designed to line up or be installed at the factory fitment points available on some vehicles.

Retain these instructions. They are useful if contacting Perrycraft for information, parts, or service.

ITEMS NEEDED (NOT INCLUDED)

- Measuring Tape
- Marker
- Drill
- 1/8" Drill Bit
- Phillips Screwdriver
- Rag and Cleaner for roof

CONTENTS:

- 2 – Side Rails (Rails will be 1" shorter than last two numbers of part number (ex. ST3649-B, rails are 48"))
- 2 – Cross Bars (Cross bars will be 7" shorter than first two numbers of part number (ex. ST3649-B, cross bars are 29"))
- 4 – Stanchions (2 Left – 2 Right) (Stanchions can be placed in numerous configurations; 4 facing forward, 2 forward-2 back, 4 back)
- 1 – Hardware pack
 - 4 – #8 x 1/2" Pan Phillips – Blunt End
 - 8 – #10 x 1/2" Truss Phillips – Waxed (10 screws for 49" rails, 12 screws for 59" rails, 14 screws for 69" rails, 16 screws for 79" rails)
 - 4 – #10 x 3/4" Pan Phillips – Waxed
 - 4 – SportQuest/SporTrek Rail End Cap
 - 4 – SportQuest/SporTrek Rail Tie Down Loop

ASSEMBLY AND INSTALLATION:

Assembly and installation will include putting the rack together, placing the rack on the vehicle and marking the hole locations, taking the rack off, drilling holes at the marked locations, cleaning the roof, putting the rack back on, and installing the securing the rails to the roof.

1. Insert Cross Bars into Stanchions, one Right and one Left on each Cross Bar and secure using supplied #8 x 1/2" pan head screws on underside of rail.
2. Slide 2 Tie-Down Loops onto each Rail and place in the middle.
3. Slide Stanchions onto Rails in desired configuration, one from each end, making sure all hole locations on rails are visible. (Loosening of the Adjustment Knob may be necessary to allow the Stanchions to slide on.
4. Tighten Adjustment Knobs sufficiently to hold Stanchions in place, but loose enough to allow Rails to swivel and conform to the roof contour.
5. Place Rack and Rail End Caps in desired location. Rack must sit squarely on the roof for cross bars to adjust. Make sure rail distance is the same apart at the front as it is in the rear (parallel). Mark mounting holes. Remove rack.
6. Drill pilot holes where marked using 1/8" drill bit, being careful not to penetrate interior headliner.
7. Place rack on roof. Using handheld screwdriver, secure rails using supplied #10 x 1/2" truss head waxed screws. Do not overtighten. Snug is enough.
8. Secure end caps to roof using #10 x 3/4" Pan head waxed screws.

NOTES AND WARNINGS:

- All fasteners, knobs, and securing methods should be checked frequently and tightened as necessary.
- It is recommended that the cross bars and any accessories be removed when not transporting items and before entering a car wash.
- Do not use rack if a part is cracked or broken.
- External roof racks do not increase the GVWR of the vehicle. Total occupant and cargo load should not exceed the manufacturer's rated vehicle capacity.
- Maximum load for this rack is 75 pounds, evenly distributed on the cross bar assemblies. Torque applied to any straps, cords, etc. holding down gear or equipment also increases the "load weight" to the cross bars and roof.
- Large or flat items such as plywood, ladders, lumber, hang gliders, canoes, kayaks, etc., can trap air and create wind lift. Secure the ends of long objects directly to the front and back bumpers or tie-down positions.
- Bulky or tall loads can create tremendous horizontal wind resistance from headwinds and crosswinds. Extreme caution should be used when transporting such loads.

Perrycraft, Inc. does not assume responsibility for style or size of rack installed, improper rack installation, exceeding rack load limit, load securing methods, vehicle roof strength, wind lift or any other factors beyond its control.

Wind noise is a definite when carrying items on top of a vehicle. It is also possible with nothing on the bars. Sometimes wind noise can be alleviated by moving the front cross bar toward the rear of the vehicle. If wind noise persists, remove cross bars when not transporting items, or a wind fairing may need to be purchased and installed.