



# Roof Mount Cargo Rack

## User Manual

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

## IMPORTANT SAFETY INFORMATION

This is a **SAFETY ALERT** symbol.

 It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



**DANGER** indicates a hazardous situation which, if not avoided, will result in death or injury.



**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.



**CAUTION** indicates a hazardous situation which, if not avoided, could result in minor injury.



**NOTICE** indicates important information which, if not followed, may cause damage to equipment.

### SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions. The manual contains information on how to assemble, use and maintain this product.

Keep this manual (and your purchase receipt) in a safe place.

### UNPACKING

The shipment should be thoroughly inspected before assembly to ensure all parts have been supplied and are in good condition.

### Definition of Symbols



**WARNING** concerning risk of eye injury. Wear ANSI approved eye protection.



**WARNING** concerning risk of hearing loss. Wear hearing protection.



### IMPORTANT SAFETY INSTRUCTIONS



1. **Read and understand all safety warnings and instructions.** Failure to follow the warnings and instructions may result in serious injury or death. Save all warnings and instructions for future reference.

#### 2. **Personal and Work Area Safety**



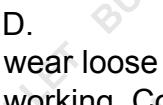
**Always wear ANSI approved safety goggles.**



**Always wear hearing protection when working in noisy environments.** Prolonged exposure to high intensity noise can cause hearing loss.



**Use safety equipment.** Safety shoes, hard hat and work gloves must be used for applicable conditions.



**Dress appropriately.** Never wear loose fitting clothing or jewelry when working. Contain long hair, and keep hair, clothing and gloves away from moving parts.



**Use common sense when working.** Stay alert and concentrate when setting up and using the cargo rack. Never work while under the influence of alcohol, drugs or medications.

## **Personal and Work Area Safety (continued)**

**F. While assembling and when installing or loading/unloading the cargo rack, keep the work area clean and well lit. Keep bystanders and children out of the work area.**

### **3. Use of the Cargo Rack**

**A. Do not modify the cargo Rack and do not use this product for purposes that it was not designed for.**

**B. Never exceed the maximum load capacity of 70kg (150lbs). Distribute weight evenly in the cargo rack.**

**C. Be aware of the danger of “dynamic loading”.** This situation may occur if a load is *dropped* onto the cargo rack, resulting in a sudden, excessive load. Dynamic loading can result in damage and failure of the cargo rack, damage to the vehicle and/or personal injury.

**D. Never carry people or animals in the cargo rack. Keep children and bystanders away when loading, unloading and using this product.**

**E. Adhere to all mandated road safety requirements when using this product. Always use ropes and straps to securely hold the cargo in place.**

**F. For the vehicle that will support the cargo rack, read all pertinent vehicle instructions and warnings provided in the owner's manual. Make sure that the vehicle has appropriate roof racks required to securely and safely mount the cargo rack mounting brackets.** Make sure the vehicle engine is OFF, with the parking brake ON, before loading or unloading the cargo rack.

**G.  **WARNING**** This product requires complete assembly and set-up on the vehicle. Depending on the height of the vehicle, use of a platform or ladder may be required. Use extreme caution when using a platform/ladder to prevent accidents. If you are not experienced or capable of installing the product, seek assistance from a suitably qualified or experienced person.

**H. Never attempt to carry a load that is wider than the vehicle.**

**I. Obey all speed limits and traffic laws. Adhere to all state and local regulations regarding roof mounted loads.**

**J. Always check all hardware for tightness prior to each use. Replace ropes and straps used to hold cargo at the first signs of wear.**

**K. Use caution when driving near low clearance structures or objects that could interfere with the cargo rack and its contents.**

**L. Do not attempt to mount the cargo rack on trailers or towed vehicles.**

**M. Maintain labels and nameplates on the cargo rack. They contain important information and must always remain readable. Contact the supplier for replacements.**

**Keep in mind that the warnings previously discussed cannot cover all possible conditions or situations that could occur. It is important that the person setting up and using this product understand that common sense and caution are factors which cannot be built into this product, and must be supplied by the person(s) using this product.**

**The supplier or retailer is not responsible for the installation or use of this product. Correct and safe attachment of this product is critical to safe use. The supplier or retailer neither guarantees, nor will be liable for any damages to person(s) and/or property resulting from the installation or use of the cargo rack.**

## Limited Warranty

Proof of purchase is required for any warranty or service claims.

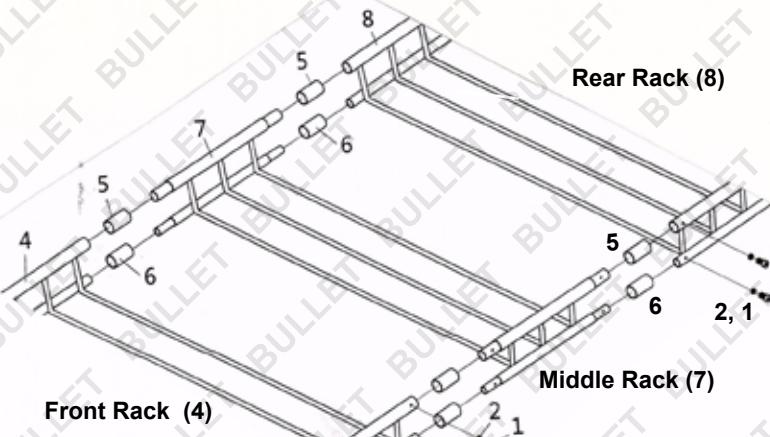
## Assembly and Set-Up



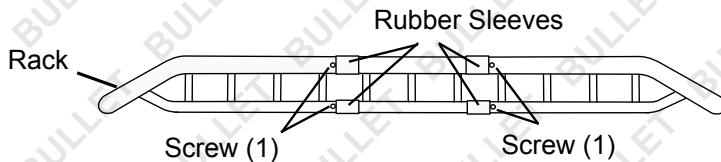
Always wear ANSI approved safety goggles.



1. Refer to photo above of an assembled cargo rack and the assembly diagram at end of this manual.
2. Place all components on a flat surface. Identify the front rack (4), middle rack (7) and rear rack (8).
3. From the following illustration, note how the three rack sections are attached.

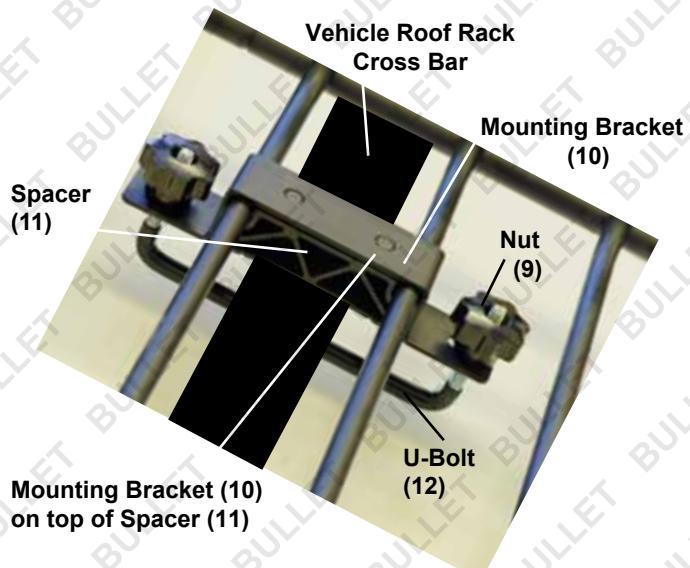


4. Lubricate the inside of each rubber sleeve (5/6) with a small amount of grease (not supplied) to assist with installation and help keep moisture out of the rack joints.
5. Slide a rubber sleeve onto each middle rack (7) tube - larger sleeves on the upper rail; smaller sleeves on the lower rail. Slide each sleeve about 50mm from the edge of the tubes.
6. Insert the middle rack (7) tubes into the front rack (4) tubes. Line up the screw holes and secure the sections together using 4 screws (1) and washers (2).
7. Secure the middle rack (7) to the rear rack (8) in same manner as described in step 6.
8. With the 3 rack sections secured together, slide all 8 rubber sleeves (5/6) back so that they are against the screws (1) as shown below.



9. Attach the wind deflector (3) to the front rack (4) using 4 screws (1) and washers (2).
10. With the cargo rack assembled, begin planning installation of the rack to the vehicle roof racks. The cargo rack attaches to the roof rack cross bars using 4 mounting brackets (10) and spacers (11).
11. The mounting brackets (10) and spacers (11) should be set up in the widest position possible (towards the outer corners of the cargo rack). This will vary depending on the vehicle and whether the vehicle roof rack cross bars are adjustable. If the roof rack cross bars are adjustable, they should be set at the widest position (farthest apart from each other) that will accommodate attachment of the cargo rack; this positioning will make for better load distribution.

12. **Attaching the mounting brackets and spacers:** The first step is to attach each spacer (11) to the underside of the cargo rack in the required position for each mounting bracket. Push each spacer into the rack so it "clips" into position.



13. Place the cargo rack on top of the vehicle roof rack cross bars. The spacers should sit evenly on each cross bar.
14. Place each mounting bracket (10) into position so it is sitting on the spacer and over the cargo rack tubes. From under the roof rack cross bar, insert a U-bolt (12) so the threaded sections pass through the holes in the mounting bracket. Secure the U-bolt with 2 nuts (9) - do not fully tighten the nuts yet.
15. Repeat step 14 for all mounting brackets, then double-check the position of the cargo rack. Make sure all spacers (11) are correctly aligned with the vehicle roof rack cross bars - adjust the mounting brackets positions if required, then firmly tighten all nuts (9) to secure the cargo rack in place.

**WARNING** A minimum 13mm of threads on each U-Bolt (12) must be engaged with each nut (9). Less than this may result in the nuts loosening, resulting in possible damage to cargo, vehicle, cargo rack and/or personal injury.

16. Before using the cargo rack, make sure that the vehicle roof rack cross bars are secure. Check that all cargo rack screws and nuts are fully secure and that all straps and ropes for holding the load are undamaged and secure. Check that the operation of the vehicle doors, boot etc do not interfere with the cargo rack. If vehicle has a sun-roof, make sure its operation is not affected by the cargo rack.

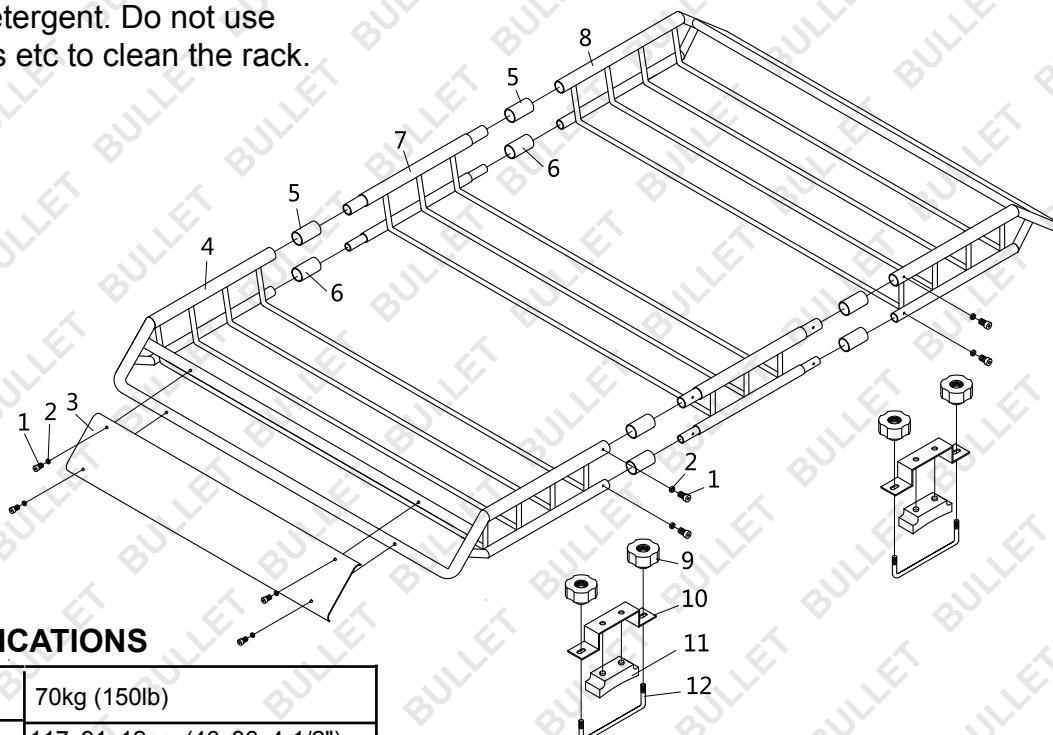
## Using the Cargo Rack

- WARNING** Make sure the vehicle is safe for loading or unloading the cargo rack. Make sure the vehicle engine is OFF and the parking brake ON.
- Do not exceed the maximum load capacity of 70kg (150lbs).** Evenly distribute the load on the cargo rack. Ensure that the load is secured using suitable ties, ropes, netting etc.
- Before each use, check the tightness of all hardware and nuts. Frequently check the condition of the cargo rack and ensure all components are in good condition. If the cargo rack becomes damaged through accident, or if any damage is noted, the product should be replaced.
- Keep the product clean using a soft cloth, water and mild detergent. Do not use abrasive, solvents etc to clean the rack.

## Parts List

Part #	Description	Qty
1	Screw	12
2	Washer	12
3	Wind De	1
4	Front Rack	1
5	Rubber Sleeve (Large)	4
6	Rubber Sleeve (Small)	4
7	Middle Rack	1
8	Rear Rack	1
9	Nut	8
10	Mounting Bracket	4
11	Spacer	4
12	U-Bolt	4

## Assembly Diagram

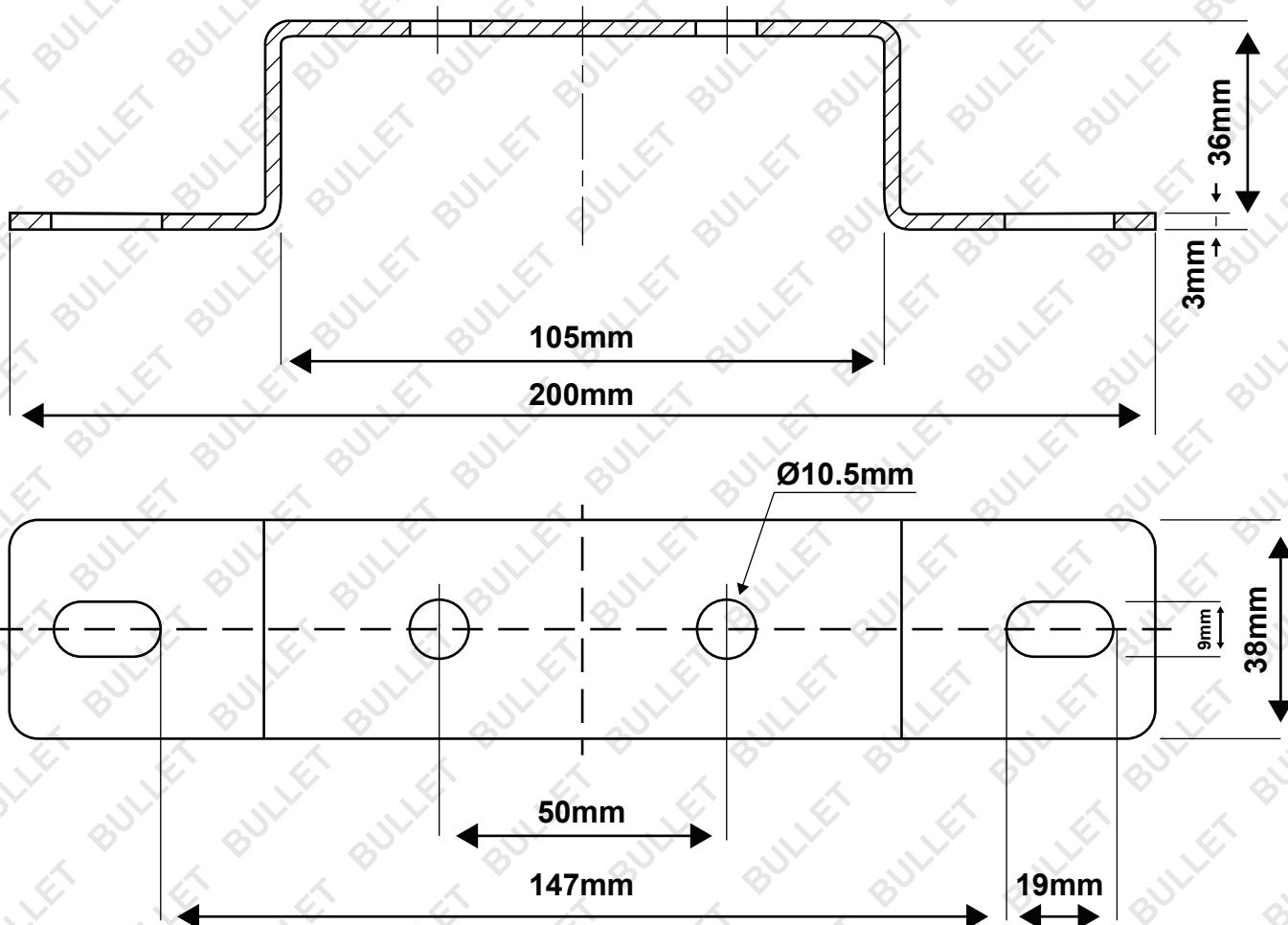


## SPECIFICATIONS

Maximum Load Capacity	70kg (150lb)
Overall Dimensions	117x91x12cm (46x36x4-1/2")

**Note:** The Parts List and Assembly Diagram is provided for reference only. Some parts are listed and shown for illustration purposes only, and are not available as replacement parts. All repairs to this product (including replacing parts) should only be done by a qualified service technician.

## Mounting Bracket Measurements





**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.



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