

### **HandiRack Fitting & Safety Instructions**

The HandiRack has been designed to fit most cars. Before fitting your HandiRack for the first time, please read the following guidelines and instructions.

**Please note that the HandiRack is unsuitable for use on vehicles that are fitted with curtain airbags.**

#### **Warning**

1. The HandiRack is made exclusively for use on the roof of motor vehicles
2. The HandiRack is not a flotation device and must never be used as a swimming aid or for any other purpose than as quoted in 1
3. It is the users responsibility to ensure that the instructions on the following pages are followed, that fastening devices are tightened correctly and checked regularly throughout the journey, that loads are within the limitations listed and are secured correctly and safely and spread evenly and that the equipment is maintained in good order
4. When fitting the HandiRack to the roof of a vehicle, make sure that the roof is clean and dry. Fitting the HandiRack to a soiled or unclean roof may result in unwanted marking of the paintwork.
5. The HandiRack has been designed as a temporary roof carrying system and should not be left fitted to the vehicle when not in use
6. Take care that your load does not have any sharp edges which may pierce the inflatable tubes

#### **Fitting the HandiRack to the vehicle**

1. Open all doors on the vehicle. Make sure the roof surface is clean and dry



2. Lay one rack across the car above the front doors as near to the front of the roof as possible. Repeat with the second rack above the rear doors. We recommend that the space between the racks be 700mm, although the vehicle manufacturer's owners manual should be consulted for any specific instructions.



**HandiRack Fitting & Safety Instructions (continued)**

3. Bring the fitting strap for the front rack through the car, pass it through the first 'D' ring on the other side and then through the cam buckle, making sure that the strap is sitting centrally over the 'V' section of the rack. Having first made sure that the rack is sitting centrally on the car and that the strap is not snagged or twisted, tighten the strap by pulling it towards you, again making sure that the rack does not slip whilst tightening, or that the 'V' section has not gathered up around the door seal. If it has, repeat until the 'V' section sits smoothly under the strap when fully tightened. This precaution will improve the rack's grip on the car. Repeat for the rear rack following the same steps as above. On 2-door cars without rear opening windows, both racks should be positioned over the front door, again with the front rack as far forward as possible.



4. Any excess strap should be tied to the rack to avoid any deterioration or excessive wear and tear on the fitting strap, or ambient noise

**HandiRack Fitting & Safety Instructions (continued)**

5. Close all doors



6. Fully inflate all four tubes with the HandiPump. Close and push all valves so that they recess into the inflated tubes



7. Fasten your load to the 'D' ring anchor points using the HandiStraps or other suitable tie-downs



### **HandiRack Fitting & Safety Instructions (continued)**

#### **Removing the HandiRack from the vehicle**

1. Remove your load
2. Open all doors on the vehicle
3. Release the fitting strap by depressing the lever on the cam buckle
4. Remove the racks from the roof of the vehicle
5. Starting from the end furthest away from the valves and whilst squeezing the valves to release the air, slowly roll the rack as the air leaves the tubes. Continue to roll the rack until the Velcro square on the 'V' section meets the Velcro on the underside of the rack.
6. Repeat with the second rack and then store with all the accessories on the HandiRack drawstring travel bag

#### **Using the HandiRack in wet conditions**

In wet conditions on certain models of cars, it is possible that rainwater could enter the vehicle where the 'V' section breaks the door seal. If you experience this, fold the 'V' section under the racks and fasten at the Velcro points, allowing only the straps to pass inside the door. Do not leave the HandiRack fitted to a parked vehicle in wet conditions.



### **HandiRack Fitting & Safety Instructions (continued)**

#### **Additional instructions for use**

1. The total weight of your load should not exceed 80kg and we strongly advise that you consult your vehicle owners manual as the manufacturer's recommended maximum load for the vehicle's roof may be less than the weight of the load
2. The load should be evenly distributed over the area of both the racks and the centre of gravity of the load kept as low as possible. Loads that overhang at the ends of the carrier system should conform to any laws in force and should be adequately secured.
3. Loads should be secured using suitable heavy duty tie-down straps. After loading, recheck the security of the load and the racks regularly throughout the journey.
4. As the HandiRack is air-filled, in warm conditions it is advisable to allow for the air within the tubes to expand a little. In colder conditions the opposite is the case. During the course of a journey, we recommend that the pressure of each tube is rechecked.
5. Where items of equipment are being carried that may induce lifting forces (boards, ladders, kayaks, canoes etc.) they should not be carried side by side, but should be carried stacked one upon the other. All of these types of equipment should be secured independently to the front and rear of the vehicle using tie-down straps that are capable of withstanding the lifting forces.
6. When a load is carried on the roof of a vehicle, it will change that vehicle's handling characteristics, notably its susceptibility to side winds and its behaviour on bends and under braking. It is recommended that you drive with more care. Reduce your speed and allow for longer braking distances.
7. If your vehicle is fitted with roof rails, ensure that the HandiRack is placed under those bars
8. The HandiRack should always be removed, deflated and properly stored when not in use

#### **Liability**

Resellers and users must follow the instructions carefully. The manufacturer cannot accept liability for injuries or damage caused by improper use of the HandiRack or for any application of the product not outlined within these instructions (e.g. using more than one set of racks or combining the HandiRack with a different roof load carrying system).