

Mobile Quad Pod™ Users Guide

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Congratulations!

Congratulations on your purchase of an Extreme Quad Pod™ jumper system. It is designed by the company that has invented and innovated numerous recreational products, including but not limited to the mobile and stationary climbing walls, the “Belay in the Box™” auto-belay safety climbing system, Speed Harness™, and Space Saver™ trailer.

Your Extreme Quad Pod™ is the first and best in the industry!



Photo: Model 2003 and older

Safety first!

Always make safety your first concern when setting up, operating, or taking down your Quad Pod™.



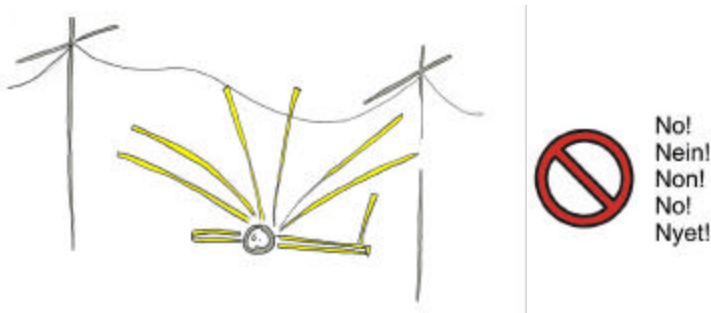
CAUTION. This is a safety alert symbol. It is used to alert you from potential personal safety hazards. Please read all safety messages that follow this symbol **to avoid injury or death.**



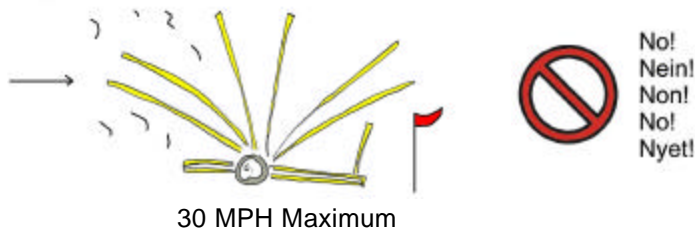
CAUTION. For your safety, read all instructions in this User's Guide before operating the Quad Pod™.

Safety Rules for Quad Pod™ Setup

Follow these safety rules to set up your climbing wall correctly. We'll offer you some additional safety tips in the section on operating the Quad Pod™.



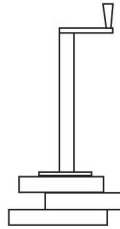
- Don't set up or operate the Quad Pod™ near overhead electrical lines, roof eaves, trees, or other obstructions. Allow plenty of clearance so jumpers can't reach obstructions (like trees or wires) from the top of the wall.



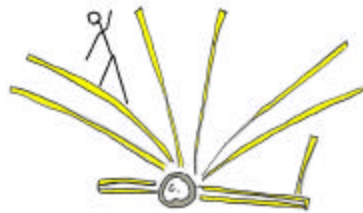
- Don't set up or operate the Quad Pod™ in windy conditions (winds with gusts of 30 mph or more).



- Set up the Quad Pod™ only on a level surface.
- Set up the Quad Pod™ only on a firm surface. Never set up the wall on soft ground or an unstable floor (sand, mud, etc.).



- Extend the jacks only on solid ground or a solid floor. Don't use blocks under the jacks.
- Although you can set up the Quad Pod™ by yourself, it's better to have a second person to help. This person can warn you during setup of potential problems or hazards.
- Keep the area clear of people, cars, etc., during set up.



- Don't climb on the poles or supports.
- Don't stand on top of the poles or supports.

Inspect the Quad Pod™ Before Use

The maintenance section of this User's Guide includes comprehensive details for making a complete inspection. Read that section carefully before operating your climbing wall. You will also find inspection checklists and maintenance log there, for you to photocopy and use.

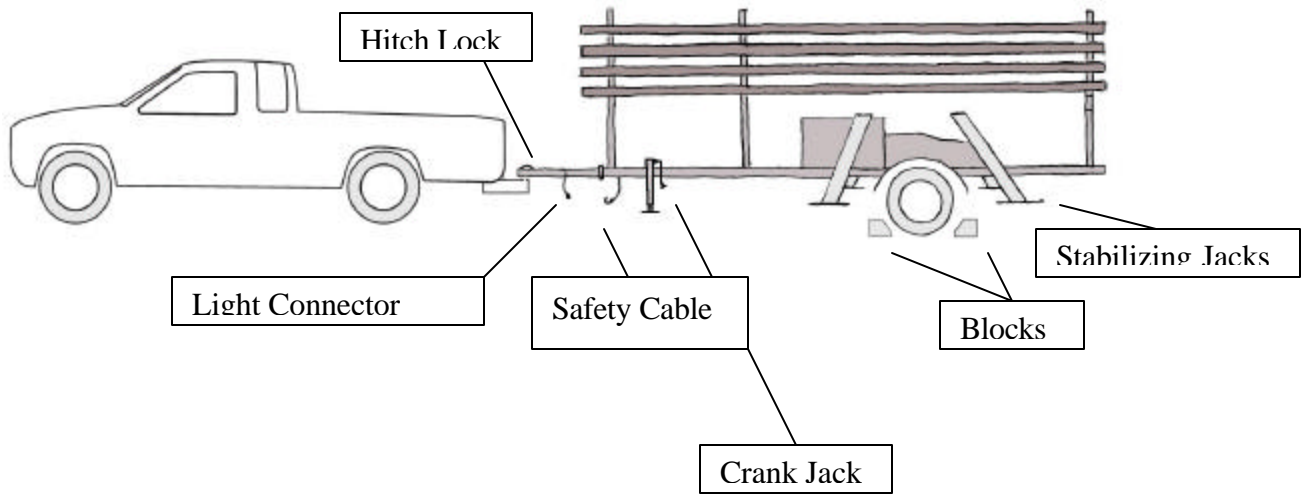
If you find any problems after an inspection, call Extreme Engineering Customer Service immediately for assistance.

Setup

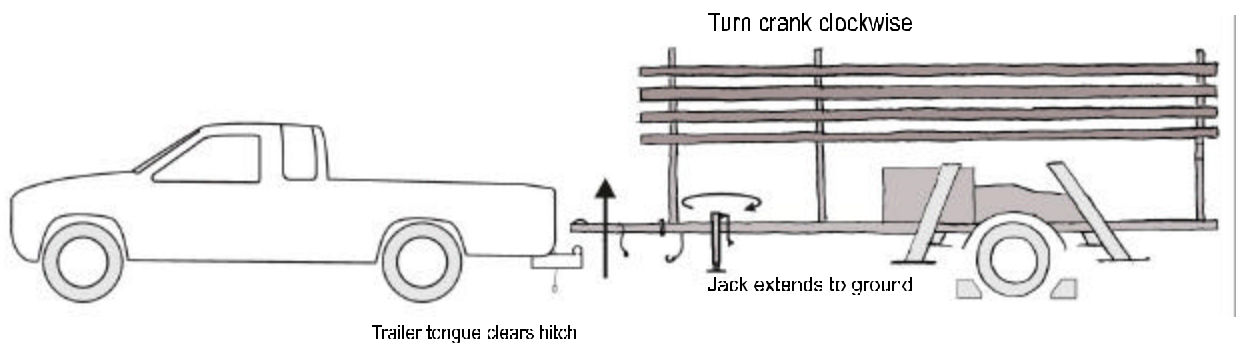


CAUTION. For your safety, read all instructions before setting up the climbing wall.

Position the Quad Pod™ and Unhitch the Tow Vehicle



1. Use the tow vehicle to position the Quad Pod™ to its final position.
2. Block the wheels of the trailer to keep it from rolling.
3. Unplug the trailer light connector.
4. Loosen the hitch lock over the ball hitch.
5. Disconnect the safety cable.



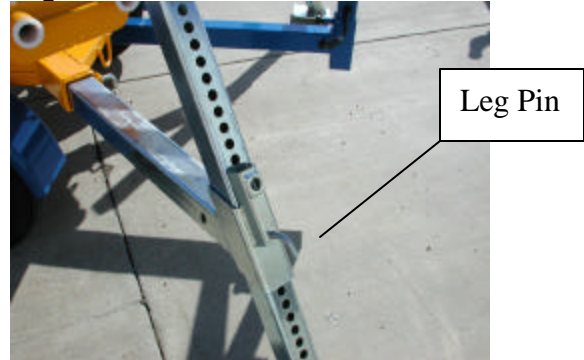
6. Locate the crank jack on the trailer frame of the Quad Pod™. Turn the crank jack clockwise to extend the jack. Extend the jack until the trailer's tongue is clear of the hitch ball on the towing vehicle.
7. Drive the tow vehicle slowly away from the Quad Pod™.

Prepare the Quad Pod™

Fig. 1



Fig. 2



CAUTION. For your safety, keep hands and feet clear from the stabilizing jacks.



NOTE: If your Mobile Quad Pod™ is a 2003 model or older please refer the to the following steps when setting up the stabilizing jacks:

1. Pull the spring pin on the side of the stabilizing jack. With the spring pin pulled out, slide the stabilizing jack outward until it locks into place. Do this to all four sides of the Quad Pod™.
2. Lower the legs of the stabilizing jacks by pulling on the pin as shown in Fig. 2. Make sure the stabilizing jacks are all evenly touching the ground.



NOTE: If your Mobile Quad Pod™ is a 2004 model or newer please refer the to the following steps when setting up the stabilizing jacks:

1. Pull up on the pop pin above the outrigger. With the pop pin pulled up, slide the stabilizing jack outward until it locks into place. Do this to all four sides of the Quad Pod™.
2. Lower the drop legs of the jacks by pulling out the drop leg pins. Once the drop legs touch the ground, place the leg pins back into the jacks. Make sure the stabilizing jacks are all evenly touching the ground.



NOTE: Do not raise the tires of the Mobile Quad Pod™ off of the ground. The stabilizing jacks are designed to keep the Mobile Quad Pod™ from moving during operation.

Fig. 3



3. When all of the stabilizing jacks are lowered your Quad Pod™ should look similar to Fig. 3 Above.

Inserting the Fiber Flex™ jumper poles

Fig. 4



Fig. 5



Pole Insert

4. Remove the Fiber Flex™ poles from the pole carrier. Use two people when removing the poles. Poles weigh 75lbs each.



CAUTION. When removing the Fiber Flex™ poles, make sure not to pinch your fingers on the lock pins.

5. Place the rear end of the pole into the pole insert. The rear end of the pole is the end without the metal tip. Make sure to lock the pole in place on the jumper system.



CAUTION. For your safety, make sure to firmly tighten the clamps on the jumper systems to lock the poles in place.



CAUTION. DO NOT drop your Fiber Flex™ poles on the ground. Dropping your poles on the ground can cause chipping, cracks and will void your warranty.



CAUTION. DO NOT aggressively force the poles into the pole carrier system. Forcing the poles into the pole carrier system may cause damage towards your Extreme Air™ jumper system.

Fig. 6



6. With all the poles installed correctly your Quad Pod™ should look similar to Fig. 6.

Installing the spreader bars

Fig. 7



7. Grab the spreader bar and open the clamp on the end to place it on the jumper poles. Place the spreader bar approximately half way down (as shown in Fig.7 above).

Fig. 8



8. Clamp the spreader bar down onto the jumper pole.

Fig. 9



9. Screw down on the clamp end of the spreader bar (both sides) to secure it to the jumper poles.

Fig. 10



10. Your spreader bar should look similar to Fig. 10 when installed correctly to the jumper poles.

Installing the jumper slings

Fig. 11



11. Locate the metal tips at the end of the poles. The eyebolts screwed into the metal tips are where the jumper slings will be attached.

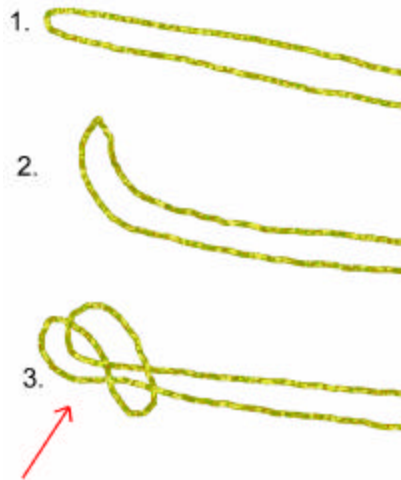


Fig. A

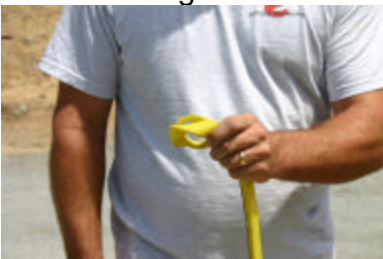
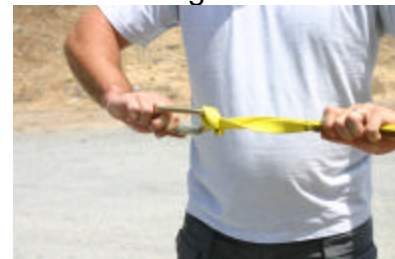


Fig. B



Fig. C



12. Fold the webbing as shown in the three steps above and place the carabiner through the webbing.

Fig. 12



13. With the sling/swivel assemblies, place the carabiners through the blue tips of the swivels and also through the eyebolts of the jumper poles.

Fig. 13



14. Make sure the carabiners are securely locked through the eyebolts and swivels.

Jumper Pads

Fig. 14



15. In inflating your jumper pads, first locate the plug on the side of the pad (as shown in Fig. 14). Unscrew the plug to obtain access to the valve.
16. Fill up the inflatable pads with the blower that came with your Extreme Air™ jumper system. *Refer to the PSI rating on your jumper pad when applying air. Make sure you add plenty of air so the pads can be used safely.
17. After adding sufficient amount of air, close the valve and place the plug back into the pad.

Fig. 15



18. Place all four inflated pads directly underneath the slings so that the users will land on the pad when jumping (Fig. 15).



19. **CAUTION!! Do not jump on the pads without the proper amount of air. Jumping on pads without the proper amount of air can result in injury or death.**

Harnessing

20. Locate the clip for the harness around the waist

Fig. 1a



21. Strap the harness around the jumper's waist and pull down on the webbing until the harness is snug. Make sure the harness is above the hipline of the jumper to ensure proper fit.
22. Locate the leg strap of the harness and wrap the webbing round the jumper's leg. Click in the leg strap and pull down on the webbing. Make sure it is snug around the leg.

Fig. 1b



23. Once the harness is attached to the jumper. Locate the sling attachments on sides of the harness (See Fig. 1c below).

Fig. 1c



24. With the webbing attached to the pole, connect the locking carabiner through the sling and into the sling attachments of the harness. (See Fig. 1d below).

Fig. 1d



25. When the harness is properly placed on the jumper, it should look like Fig. 1e below.



26. **NOTE:** Make sure to use the correct size harness when placing it on the user.



27. **CAUTION!!** DO NOT allow user to jump on the Extreme Air™ jumper system if the harness does not fit correctly! Failure to do so can result in injury or death.

Fig. 1e



Operations



CAUTION: Read all instructions before operating the Quad Pod™



CAUTION: The Quad Pod™ is a physical activity and all possible care should be taken to ensure the safety of the jumpers, spectators, and operators. Always operate the Quad Pod according to the procedures described here.

Jumper requirements



1. Weight participant should be a minimum of 45 lbs, maximum 250 lbs.
2. Participant should not have any health conditions such as heart and/or respiratory problems, be pregnant, handicapped, broken bones or any other medical problems.
3. Participant should not be under the influence of drugs or alcohol.

Raising the jumper



1. Before raising the jumper make sure he/she is standing directly on the middle of the pad (See Fig. 1 below).
2. **CAUTION!! ALWAYS ENSURE THAT THE INFLATABLE JUMPER PAD IS DIRECTLY UNDERNEATH THE PARTICIPANT.**

Fig. 1



NOTE: Depending on which model you own, your Mobile Quad Pod's™ lift controller is either located on the rear of the trailer or it is a wireless remote.

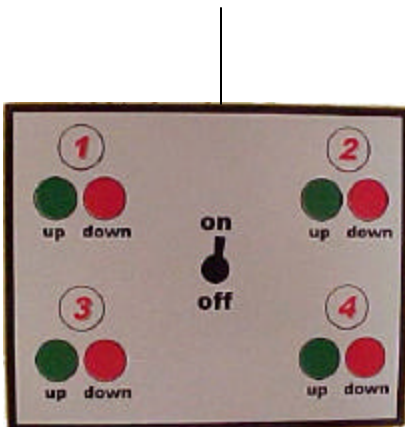
If you own a Mobile Quad Pod™ 2003 or older please use the following steps when raising the jumper:

- On the control box, located towards the back of the Quad Pod™, you will notice the up/down switches have numbers on each station. Each station is numbered 1-4. The number of the station on the control box is correlated with the number of the station on the Quad Pod (See Fig. 2).

Fig. 2



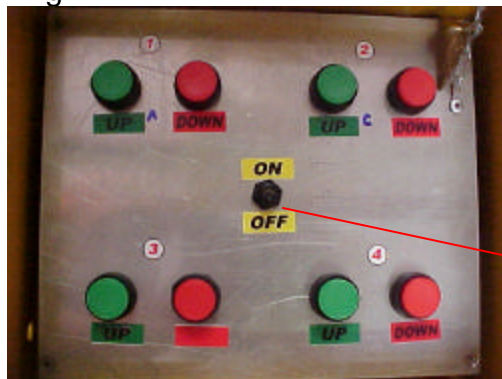
Fig. 3



Refer to label applied to the inside of the control box of the Quad Pod™

- Plug the Quad Pod into a 120v plug. You can operate off a generator if necessary. Once the Quad Pod has power, turn the ON/OFF switch to on.

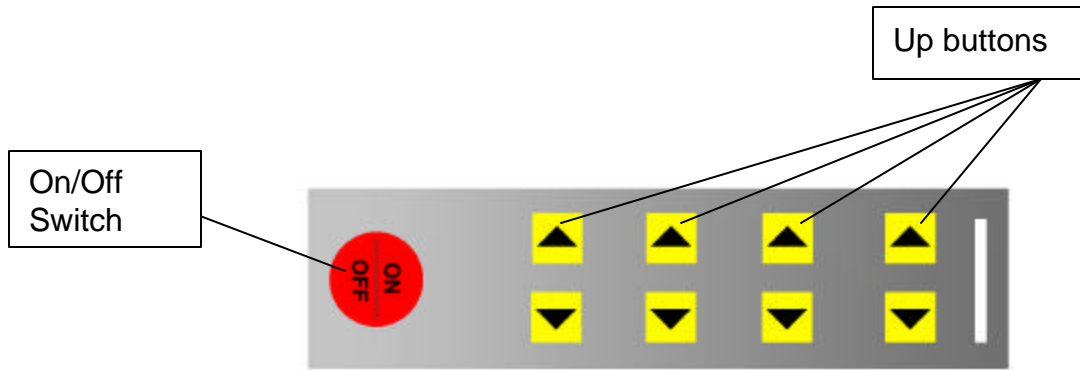
Fig. 4



ON/OFF Switch

- Now that Quad Pod is on, you can raise the station where the jumper is attached. Again make sure the jumper is located on the middle of the inflatable pad.


If you own a Mobile Quad Pod™ 2004 or newer please use the following steps when raising the jumper:



6. Your Mobile Quad Pod™ comes with a wireless controller. The controller has an on/off safety switch.
7. **NOTE:** Your wireless controller can operate up to 20 feet.
8. Each up button has a reference number (1-4) or pictures that correlate to the jumper station on the Mobile Quad Pod™. To raise a jumper on a particular station, press and hold the up button.
9. *When raising, notify the jumper not to do flips of any sort until fully up in the air.*

Fig. 5



10.  **CAUTION:** Do not remove the inflatable pad when in use!

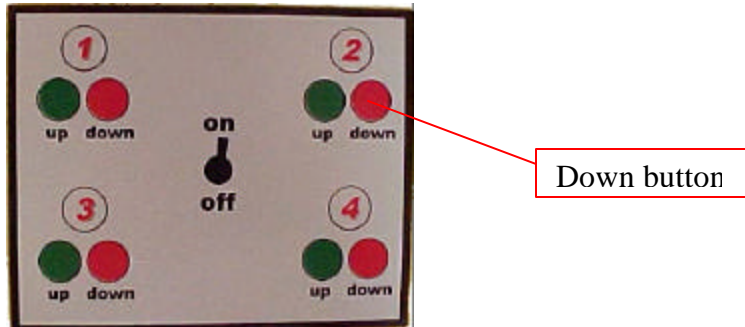
Lowering a jumper

1. When lowering, notify that you will be lowering the jumper to the ground. Ask the jumper to stop any kinds of extreme movements such as flips.

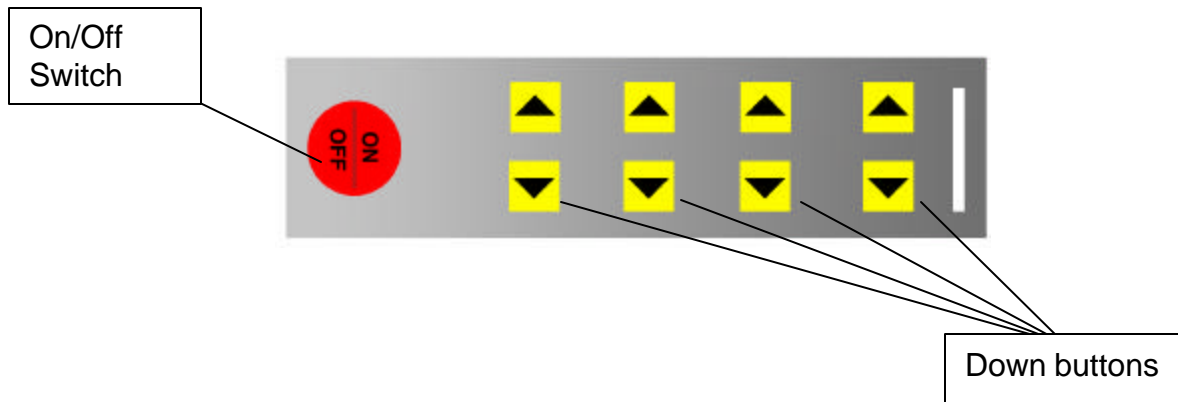
If you own a Mobile Quad Pod™ 2003 or older please use the following step when lowering the jumper:

2. Press the down button on the station the jumper is on to lower him/her back to the ground.

Fig. 6



If you own a Mobile Quad Pod™ 2004 or newer please use the following steps when raising the jumper:



3. Press and hold the down button that correlates with the jumper station to lower the jumper to the ground.
4. Remove the slings from the harness by unlocking the carabiners. Ask the jumper to step off the inflatable jumper pad.
5. Remove the jumper harness.

Operating Techniques

1. Make sure to keep the jumping area clear of spectators.
2. Use two employees.

Crew member 1

- Takes the money (tickets or tokens, if money is taken elsewhere).
- Helps the jumpers complete a release form (if necessary).
- Harnesses the jumpers.
- Sends the jumpers to crewmember 2.

Crew member 2

- Hooks up the jumpers.
 - Collects tickets or tokens (if used).
 - Supervises the jumpers on the Quad Pod™.
 - Raises and lowers the jumpers.
 - Unhooks the jumpers.
 - Sends jumpers back to harness area.
 - Advises jumpers (acts as the coach).
 - Solves problems with jumping.
3. When not in use, either remove the slings from the jumper poles or raise the jumper poles high enough so they are out of reach.
 4. Crewmember 2 should be the only non-jumper in the jumper area.
 5. After the jumper's time is complete, unhook the jumper and have him or her go to the harness area for removal of the harness.

Safety rules for You, the Operator

- Don't climb on the jumper poles!
- Don't stand on top of the jumper pod!
- Don't stand underneath a jumper while jumping is in progress!
- Don't remove the inflatable pad or release air out of the inflatable pads when jumping is in progress!
- Don't leave the Quad Pod™ unattended while jumpers are in progress!
- If you must leave the Quad Pod™ unattended (while not in use), make sure that the slings on the jumper poles, the control box, and the poles are not accessible. This may be difficult, so the best solution is to keep one crewmember at the Quad Pod at all times.
- Don't let a jumper put on or take off a harness! You must always do this.
- Don't touch any possible pinch points within the Quad Pod™ structure while operating.
- **CAUTION:** Don't wear any loose clothing, such as scarves, neckties, etc., while operating or inspecting the ride, to prevent the possibility of becoming entangled in the Quad Pod's™ moving parts.

Safety Rules for Your Jumpers

It's a good idea to make jumpers aware of some simple rules. We suggest you reproduce these rules as a poster or handout for the jumper (and his or her parents) to read. The following page is ready to photocopy, if you wish. (Ready-made signs are also available from Extreme Engineering.)

Safety Rules

Quad Pod

BEFORE YOU START

- After you are hooked into your harness, stay in the harness area. Wait until we tell you to go to the jumper area.
- Don't step on the inflatable pad until notified.

DURING YOUR RIDE

- Stay on the inflatable pad when jumper. Always aim for the pad when coming back down.
- Don't pull on the poles when jumping. Use only the webbing to assist you when jumping.
- Don't jump without being attached to the slings.
- Don't jump until you are raised up in the air.
- Do not walk under jumper poles.


ENDING YOUR RIDE

- Stop doing extreme movements such as flips when notified by the operator.
- When you are lowered to the pad, relax and land on the pad.
- Don't remove the harness. An operator will remove your harness when the ride has ended.
- Once you are removed from the slings, please go to the harnessing station (where your harness was placed on).

Special Situations

The vast majority of jumping take place without any difficulty or interruption but sometimes a problem can occur. Here's what to do.

Jumper Frozen on Quad Pod™

1. Ask the jumper to stay calm. Say that you are going to lower them slowly and safely back down to the inflatable pad.
2. Once the jumper is back on the inflatable pad, remove the harness to allow them off the ride.
3.  **NOTE:** Encouraging the jumper to keep jumping will not work.

Jumper reports discomfort

1. Ask the jumper to stay clam. Lower the jumper back to the ground.
2. If the problem is with his or her harness comfort, then adjust the harness, and let the jumper begin his or her jump again.
3. If the jumper is unable to resume for whatever reason, unhook and send him or her back to the harness area.

Jumper is intentionally reckless

1. Ask the jumper to take it easy. Choose one of the following options if he or she persists:
 - a. If you do not believe the adjacent jumpers would be endangered, tell the reckless jumper to calm down and lower him or her back to the ground.
 - b. If you believe the other jumpers might be endangered, tell the reckless jumper to stop jumping and lower the other jumper back down to the ground first. Then lower the reckless jumper down to the ground.
2. Unhook the jumper from the slings and send him or her to the harness area.

Jumper too light to jump down

1. Ask the jumper to stay calm.
2. Lower the jumper back to the ground and remove them from the ride.

If you forgot to place on the slings and the poles are up in the air

1. Lower the poles.
2. Add on the slings. Make sure they are placed on correctly.

Takedown



CAUTION: For your safety, read all instructions before taking down the Quad Pod™.



CAUTION: Keep the area clear of people, cars, etc., during all steps of the takedown.

1. Clear the area of all items used in operating the Quad Pod™.
2. Clear the area of people and cars.

Tearing down the Quad Pod™



CAUTION: Keep the area clear of people while lowering the Quad Pod™. Also make sure there is nothing resting on the trailer frame that might prevent the wall from coming to rest fully on the trailer.

1. Remove all the inflatable pads from underneath the jumper poles.
2. Unscrew the plug and release the air from the inflatable pads (See Fig. 1).

Fig. 1



3. Fold the pads nicely and place them away from the teardown site.
4. Lower the jumper poles down to the ground so that you can remove them from the Quad Pod™ (Fig. 2).
5. Disconnect power cord from jumper and store away.

Fig. 2



6. Remove all of the jumper slings by unlocking the carabiners from the eyebolts of the jumper poles. Place all of the slings and locking carabiners in a safe place away from the teardown site.

Fig. 3



7. Unscrew all spreader bars from the jumper poles and place them in a safe place away from the teardown site.

Fig. 4



Fig. 5



8. Unlatch the pole carriers and remove all jumper poles.

Fig. 6



Fig. 7



Pole Insert

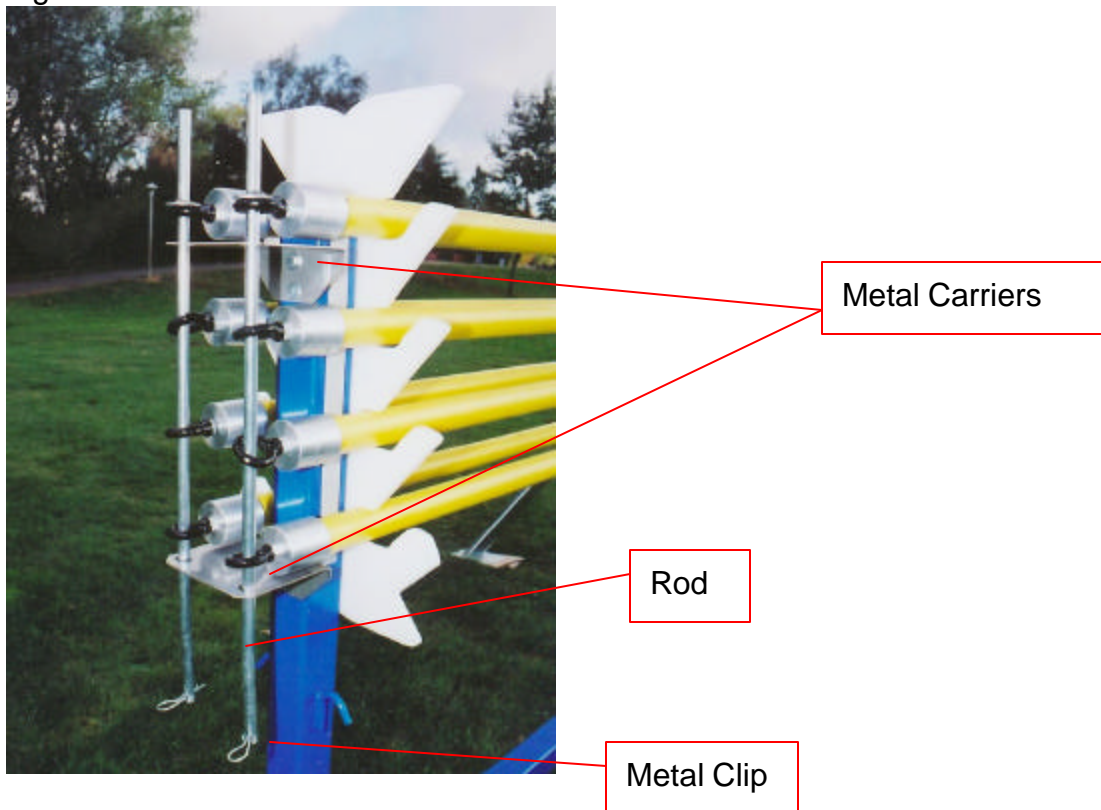
- Place all of the jumper poles back on the pole carrier (See Fig. 8 below).

Fig. 8



- Make sure to place the rods through the jumper poles and through the metal carriers. Don't forget to place the pins through the rods so they don't fall out of the jumper poles eyebolts (Refer to Fig. 9 below).

Fig. 9



- On the other side of the pole carrier, be sure to strap it down with either a bungee cord or tie downs.

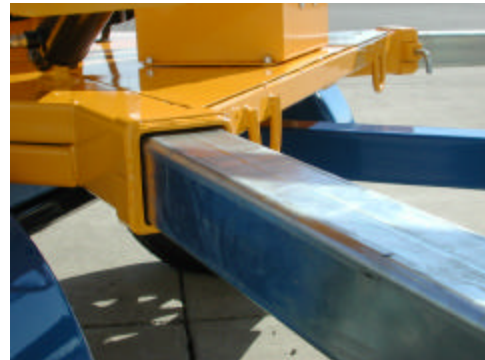
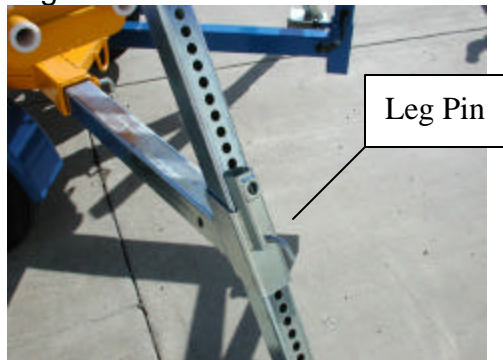
Fig. 10



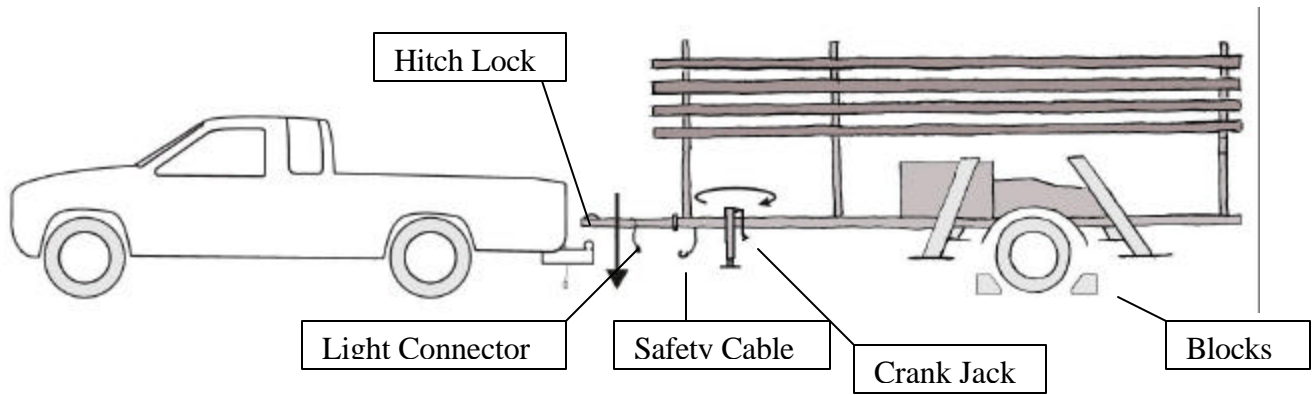
NOTE: If your Mobile Quad Pod™ is a 2003 model or older please refer to the following steps when setting up the stabilizing jacks:

12. Raise the legs of the stabilizing jacks by pulling on the pin as shown in Fig. 11. Make sure the stabilizing jacks are all evenly off the ground.
13. Pull the spring pin on the side of the stabilizing jack. With the spring pin pulled out, slide the stabilizing jack inward until it locks into place. Do this to all four sides of the Quad Pod™.

Fig. 11



Position the Quad Pod™ and Hitch the Tow Vehicle

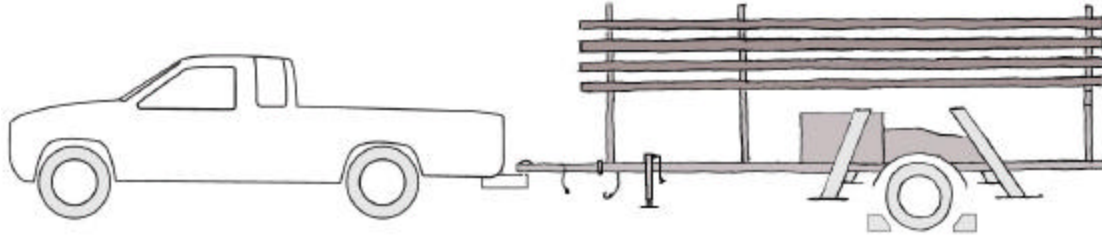


1. Position the Quad Pod™ for the tow vehicle.
2. **CAUTION:** Keep the block underneath the wheels of the trailer to keep it from rolling.



3. Lower Crank Jack onto Ball. Make sure ball is directly underneath hitch.
4. **CAUTION:** Lock the hitch lock onto the ball. Make sure the ball is properly locked to the hitch lock by looking underneath the hitch lock for proper connection.
5. Plug in the light connector.
6. Connect the safety cable onto the tow vehicle.
7. Remove blocks from the wheels of the trailer.

Safe Towing Tips for the Quad Pod



We encourage you to be a safe, courteous driver when towing your Quad Pod™. Keep the following in mind when towing your Quad Pod™ on public streets.

1. Be sure to use the safety cable at all times.
2. Be sure the taillights, brake lights, and turn signals are functioning correctly.
3. Be sure your trailer is properly registered with your state motor vehicle department.
4. Always observe the posted speed limits for trailers when towing your Quad Pod™, and be especially cautious (and reduce your speed) when encountering windy, snowy, or rainy conditions.
5. Install extended side rear view mirrors on your towing vehicle. Your Quad Pod™ is over 24 feet in length and you'll need the mirrors to see traffic directly behind you.
6. Signal before changing lanes. When you change lanes, be aware of traffic behind you and at your sides. Allow plenty of clearance before changing lanes.
7. Do not attempt to make tight left or right turns.

Practice backing up where there is plenty of room before you try it in a real-life situation. (As with any trailer, turn the steering wheel the opposite direction of the direction you want the trailer to move).

Troubleshooting

If you have a problem with your Quad Pod™, check the following table for a solution.

Problem and Solution
<p>Jacks don't extend or retract</p> <ul style="list-style-type: none">• Keeper pins may still be in Place. Remove the keeper pins.• The inner ram tube on the jack may be dirty. Remove obvious dirt from the jack. Extend the jack. When fully extended, clean the inner ram tube carefully and apply a light coating of silicon spray.
<p>Quad Pod™ poles won't raise or lower</p> <ul style="list-style-type: none">• The 120v outlet could be malfunctioning.• Controller malfunction.• Loose connection in the outlet of the Extreme Air™ Jumper System. Check and tighten connector.• Extreme Air™ Jumper System may not be plugged into generator correctly.
<p>Quad Pod™ seems unstable</p> <ul style="list-style-type: none">• Surface may not be level. Make sure the setup surface is level.• Poor Quad Pod™ Location. Move the wall to a more solid, level location.• Windy. If wind conditions are too strong, lower the Quad Pod™ jumper system and don't use it.• Outriggers are not properly or fully deployed. Deploy, secure, and level outriggers.• Spreader bars are not properly attached. Lower the poles on the Quad Pod™ and properly attach them.• Slings are not properly attached. Lower the poles on the Quad Pod™ and inspect the slings. Make sure you are using the same lengths.

Maintenance

Your Quad Pod™ will give you years of trouble-free service if you take care of it. For safety, trouble-free operation and good appearance, follow the maintenance schedules provided here.

Log Book

A logbook is essential for tracking the use of the Extreme Air™. If you record the date, number of daily cycles and number of cumulative cycles, this record will allow you to anticipate when some maintenance tasks (such as replacing slings, harnesses, and/or poles) should occur.

Maintenance procedures and inspection logs

Read the inspection procedures on the following pages. Be sure to use copies of the inspection checklists provided in this manual to keep a record of your inspections.

Detailed description of inspection items

Inspect the Quad Pod™ thoroughly before you take it out to use it. Your safety on the road, during setup and your customers' safety depend on it!

- **Hydraulic Hose**

Make sure the hoses are not leaking. If you find a leak, call Customer Service for assistance.

- **Pole lift system**

Raise and lower the jumper poles. Make sure the poles lift smoothly and completely. If the poles don't raise or lower completely, or if there are any hesitations in its motion, contact Customer Service.

Check that all connectors on the hydraulic lift pump are properly tightened (power and ground). Tighten if necessary.

- **Jacks**

Let out each extending jack as far as possible and clean the inner ram tube. Coat the tube with a light coat of silicon spray lubricant.

- **Trailer tongue**

Make sure the bolts holding the trailer tongue to the trailer are tight.

- **Trailer wheels**

Make sure the lug nuts are tight. Should be checked every 500 miles.

- **Trailer lights**

Connect the trailer light to a towing vehicle. Be sure the taillights, brake lights, running lights, and turn signals are performing correctly.



CAUTION: Replace any broken or burnt-out bulbs. Keep spare bulbs on hand. Transporting the trailer with any malfunctioning lights – even for a short distance – can be a serious hazard!

Check the tow vehicle for a blown fuse, and replace it if necessary. If replacing a fuse or bulb does not correct the problem, then replace the trailer/brake light connector, which is of the standard RV type. If this does not solve the problem, contact Customer Service.

Check for broken light lenses and replace if necessary.

- **Loose or broken parts**

Inspect the entire Quad Pod™ for loose or broken parts. Replace broken parts (call Customer Service to order) and tighten loose parts.

- **Keeper pins**

Keeper pins and safety snap pins are of the standard RV type. Keep spares on hand. Only replace with equal quality.



CAUTION: For both use and transport, never “jury-rig” your equipment with anything other than the correct keeper pins or safety snap pins! Doing so could create a serious hazard!

- Protect your harnesses from constant direct sunlight and heat and from nylon-damaging substances such as acids, alkalis, oxidizing agents, and bleach.

- **Carabiners**

Make sure all the carabineers lock properly. All surfaces of the carabiners should be free of cracks, sharp edges, corrosion, burrs, or excessive wear. Be sure the gate and any locking mechanism closes freely and completely. Gate opening and closing should be quick and easy. If

washing and drying does not remedy a gummed-up carabiner, replace it. Rivets should not be bent, loose, or missing. Replace carabiners if they show signs of wear.

- **Carabiners (THE STATE OF MARYLAND ONLY)**

Make sure all the carabineers lock properly. All surfaces of the carabiners should be free of cracks, sharp edges, corrosion, burrs, or excessive wear. Be sure the gate and any locking mechanism closes freely and completely. Gate opening and closing should be quick and easy. If washing and drying does not remedy a gummed-up carabiner, replace it. Rivets should not be bent, loose, or missing. Replace carabiners no more than 5,000 cycles (4 months), or sooner, if they are worn.



CAUTION: If a carabiner does not pass inspection (even after cleaning), destroy it and replace it with a new one. This is absolutely critical for safe operation. Always keep a spare carabiner on hand.

- **Harnesses**

Hand-wash a dirty harness in cool water with a mild soap. Allow it to dry in a shaded area.

Protection from the elements

Store the Quad Pod™ as you would a boat, camper or recreational vehicle.

- Storing the Quad Pod™ in a covered shelter or garage will keep it cleaner and preserve its appearance longer.
- Storing the Quad Pod™ outdoors is no problem. However, you may want to place tarp over it to preserve the finish from excessive exposure to the sun.
- Do not store harnesses for extended periods in direct sunlight.

Quick Checklists and Log

On the next three pages you will find condensed maintenance checklists, plus a maintenance log sheet, which you can photocopy and use.

Per-use Maintenance Checklist

- ❑ **Jumper slings.** Check webbing for fraying or broken strands. Check for kinks, wear or damage to the webbing.
- ❑ **Jumper poles.** Check for cracks, chipping and/or fractures.
- ❑ **Hydraulic hose.** Check for leaks at ram or pump ends.
- ❑ **Trailer lights.** Tail, brake, running, turn signal lights should be working.
- ❑ **Trailer tires.** Pressure at 65 psi or to manufacturer's specifications. Tread must be adequate, with no objects in treads. Also check the spare tire.
- ❑ **Keeper pins.** Be sure spares are on hand.
- ❑ **Harnesses.** Must be in good condition, not worn. When dirty, hand wash in cool water, and dry in a shaded area (not in direct sunlight).
- ❑ **Carabiners.** Check for bent, loose, or missing rivets. The gate/lock must close freely. If gummed up, clean with soapy water and dry.

Periodic Maintenance Checklist

Inspect the Quad Pod™ thoroughly at least twice a month, and preferably once a week. If you use your Quad Pod a lot, make your periodic maintenance inspections after about every 2,000 cycles (this could be as little as every four days).

- ❑ **Do the per-use maintenance checklist first.**
- ❑ **Loose or broken parts.** Replace broken parts; tighten loose parts.
- ❑ **Trailer hitch.** Be sure the hitch, hitch lock, and light/brake cable all are operating correctly. Be sure the safety cable is OK.

- ❑ **Trailer tongue.** Make sure the bolts are tight.
- ❑ **Trailer wheels.** Make sure lug nuts are tight.
- ❑ **Jacks.** Extend all jacks and clean inner ram tubes. Coat with silicon spray lubricant.
- ❑ **Pole lift system.** Be sure the poles lift smoothly. Check that connectors on the hydraulic lift pump are tight (control cable, power, and ground). Tighten if needed.
- ❑ **Jumper Slings.** Check webbing for fraying or broken strands. Check for kinks, wear or damage to the webbing. REPLACE IF ANY SIGNS OF WEAR
- ❑ **Jumper poles. CAUTION: *Check for cracking, chipping and/or fractures. REPLACE IF ANY SIGNS OF WEAR, DAMAGE, OR EVERY YEAR, WHICH EVER COMES FIRST NO QUESTIONS ASKED!!***



- ❑ **Jumper poles (THE STATE OF MARYLAND ONLY).**

CAUTION: *Check for cracking, chipping and/or fractures. REPLACE YOUR JUMPER POLES ANNUALLY OR UPON ANY SIGNS OF WEAR, WHICH EVER COMES FIRST NO QUESTIONS ASKED!!*

- ❑ **Clean Quad Pod and trailer.** Wash with soap and water, or spray at a car wash, like a boat or camper. Be careful not to use a high-pressure hose on any wiring or electronics.

Specifications for Mobile Quad™

GENERAL	
Width - towed	89"
Height - towed	75"
Weight	Dry Weight is approximately 2,600 lbs.
Steel	Tubing meets ASTM A500. Flat plates meet ASTM A572. Welds are AWS and A15C compliant.
TRAILER	
Type	Custom
Hitch	2" 5/16 RV standard or current.
Wiring	4 prong trailer plug – standard
Wheel diameter	15", 5 lug
Tire type	205
Tire pressure	50 psi cold maxium.
Axles and Brakes	Leaf Spring Suspension (STD.) 3,500 lbs nominal load rating with heavy-duty tapered roller bearings.
Jumper Poles	
Fiber Flex™ Poles	Fiberglass, multi-layer epoxy-resin poles. Coated with a UV protective film. 6000 series aluminum tips with cold forged steel eyebolts.
Harnesses	
Jumper Harnesses	Industry standard, 3-point safety harness. High grade webbing with approved stitching. Quick release search and rescue approved safety buckles.
Participant Specifications	
Participant Weight	45lbs – 250lbs

Limited Warranty

EXTREME ENGINEERING warrants to the first consumer purchaser that this product will be free from defective workmanship and materials, subject to the following conditions:

1. Extreme Engineering agrees that it will, at its option, either repair or replace a defective part or will, at its option, repair or replace the defective product, at no charge to the purchaser for *labor* for a period of ninety (90) days, in house, from date of delivery, and at no charge to the purchaser for *parts* for a period of one (1) year from date of delivery (shipping and handling cost may apply). Warranty does not include consumables (harnesses, handholds, cables, pulleys, etc.) We have a

90-day warranty on electronics, 30-days on labor, 90-day on parts. AutoBelay™ systems are warranted for the original purchaser(s) for one year (does not include AutoBelay™ cables or pulleys).

2. This limited warranty is valid only when the product is installed, operated, and maintained in accordance with the Extreme Engineering User's Guide. Any deviation from these recommended procedures must be approved in writing by Extreme Engineering.
3. This limited warranty does not apply to any part which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design or construction.
4. This limited warranty does not apply to changes in the exterior appearance of the climbing wall.
5. Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described, on behalf of Extreme Engineering.
6. ANY IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, AS STATED ABOVE. EXTREME ENGINEERING DOES NOT ASSUME RESPONSIBILITY FOR CONSEQUENTIAL DAMAGE OR LOSS, INCLUDING LOSS OF USE OF VEHICLE, LOSS OF TIME, INCONVENIENCE, EXPENSE FOR GASOLINE, TELEPHONE, TRAVEL, LODGING, LOSS OR DAMAGE TO PERSONAL PROPERTY, OR LOSS OF REVENUES. Some states do not allow limitations on how long an implied warranty lasts or limitations on consequential damages, so the above limitation may not apply to you.
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If you have a warranty claim

In the event of a warranty claim, contact the Extreme Engineering Customer Service Department, 9198-B Ridge Road, Newcastle, CA 95658. Office: 916/663-1560. The fax number is 916/663-9249.

Warranty claim service must be performed as approved by the Extreme Engineering Customer Service Department. Warranty replacement hardware systems and components or parts will be furnished freight prepaid. Labor cost to repair or replace will be limited to the amount of the original purchase price of the systems and components. The replaced warranty products or parts become the property of Extreme Engineering and must be returned to the Extreme Engineering Customer Service Department freight prepaid, unless prior arrangements have been made.

Replacement parts

Purchase your replacement parts through our customer support center at 916/663-1560 or visit our online store at **www.extremeengineering.com**
Always make sure that your extreme products are running at optimal performance