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INSTALLATION AND OPERATION

JRP2205 GEN5 Professional Bolster

Jolt Rider Ltd accepts no liability and takes no responsibility for any injuries or damage caused by the use of Jolt Rider units during installation, operation, or maintenance. Please follow all instructions carefully and instruct others to do so when required for both operation and maintenance. It is important to note that this is a general guide only and proper care and responsibility must be taken. Do not operate a vessel in unsafe sea states or bad weather.

Unless otherwise stated Jolt Rider products are recommended for user weights within the range of 70kg to 110kg (155lb to 240lb) and within moderate to heavy sea states. Jolt Rider takes no responsibility for users and operators falling outside of these limitations.

Model	JRP-2205	Accessories (not included)
Travel	200mm / 8"	GEN5 Bolster Handle Kit
Bolster Height	700mm / 28"	GEN5 Bolster Slider Kit
Height Adjustment	+100mm / 4"	GEN5 Bolster/Platform HD Kit
Fwd Adjustment	+80mm / 3" (at initial setup)	
Swivel Adjustment	n/a	
Mounting	203mm / 8" PCD x6	
Unit Weight	21kg / 46lb	
User Weight	70kg - 110kg / 155lb - 240lb	
Sea States	Moderate to heavy	

Main Assembly
 1x Seat Post Assembly
 1x 4mm Hex Key
 1x 5mm Hex Key
 1x Foam Lever

Backrest Assembly
 1x Backrest Plate
 1x Foam Backrest
 6x M6 Buttonhead Capscrews
 6x M6 Plastic Washer

Bolster Assembly
 1x Bolster Plate
 1x Foam Bolster Seat
 4x Countersunk Plastic Boss
 4x M8 Countersunk Capscrews

Installation

The Professional Bolster is intended to be mounted with 6x M8 Stainless Steel 316 Capscrews of suitable length with applicable Isolation Washers or equivalent measures to counter Galvanic Corrosion. The fasteners must have a thread engagement of no less than 16mm through the aluminium deck, equivalent reinforcing plate, or thread inserts. This mounting hardware is not included with the product. *Refer to Technical Drawing.*

Many factors affect the proper mounting of a seat unit and its ultimate performance and safety. Jolt Rider takes no responsibility for inadequate supporting deck structure or sub-standard mounting procedures. If you are unsure regarding safe & proper mounting please contact Jolt Rider directly or consult your local marine specialist for further advice. The Jolt Rider product is intended to retrofit to existing seat locations, however the ergonomic outcome may vary case by case. Any recommendations provided are as a general guide only, please inquire directly for advice on your specific requirements. *Refer to Technical Drawing.*

Installation Process

- Assemble the Seat Post to the deck of the vessel with appropriate hardware.
- Assemble 6x Buttonhead Capscrews with 6x Plastic Washers through Backrest Plate onto the Seat Post. Hand tighten with Allen Key.
- Put the Bolster Plate into place on top of the Support Plate. Decide on fwd/aft adjustment using different mounting holes.
- Assemble 4x Countersunk Capscrews with 4x Countersunk Plastic Bosses through the seat underside into the Bolster Plate threaded holes. Hand tighten with Allen Key.
- Attach the Bolster Seat & Backrest Foam onto the plates by hand.

Operation

Operational Checks – Carried out before each journey

Your Jolt Rider seat is a high-performance piece of equipment, to ensure it performs safely & effectively it is important to follow the steps below.

Seat Adjustment: This allows a semi-seated (fwd) or bolster-lean (aft) type position. This is set at the initial installation with no quick-adjustment available as standard. Refer to initial installation process for adjustment.

Height Adjustment: Ensure your feet can remain flat on the deck (or footrest) of the vessel, knees slightly bent. With the seat in the semi-seated (fwd) position you would generally set a lower height setting than if the seat was in the bolster-lean (aft) position. Use the lever operated quick-adjustment to set the seat height to the desired position.

Suspension Test: Sit or place your knee on the seat with your full body weight to bounce and compress the pedestal a couple of times to test the compression and return of the seat and that it is fully functional.

Initial Compression: While sitting on the seat in a stationary position the seat will compress a small amount, this is normal and allows the seat to return to a higher position and support you for larger impacts that follow the initial negative G experience at the top of a wave prior to impact.

Observation During Use: If at any time you feel the Jolt Rider is not functioning as it should or notice a change in its operation, cease use immediately and seek further assistance from your Jolt Rider representative.

Care & Maintenance

Ongoing Care - Carried out after and/or between each journey

Your Jolt Rider seat is constructed from high quality marine grade components and materials. However to ensure the proper functionality, safety and life expectancy of the product you must adhere to the below. Always take care while using the Jolt Rider as rough sea conditions can make any scenario or product hazardous if not properly operated.

- All units must be rinsed with fresh water and cleaned after exposure to salt water.
- Cover the JR Units during prolonged exposure to the harmful UV/Sunlight.
- Check for any major damage to the seating and pedestal areas.
- Check for any oil leakage from internal damper unit at the base of the pedestal.
- Check that no strange sounds are heard when testing with your body weight or under normal use.

Maintenance Checks - Carried out from 50-100 operational hour intervals

Your Jolt Rider required ongoing maintenance and checks to ensure its effective long term operation. You must check the below at the appropriate intervals as specified.

- Check and remove any salt, sand or corrosion build-up.
- Check for any major damage to the seating or pedestal areas.
- Check for cracks around mounting points etc.
- Check any loose parts or fasteners that may need tightening.
- Check the compression and return of the unit is as per original operation.
- Check bolt Torque values as per the following. M8 fasteners in the seat plate and attached to the Upper Post to 8Nm MAX. M8 fasteners into the top and bottom of the Upper Post to 12Nm MAX. M8 fasteners into Base Plate and Lower Post to 19Nm MAX.