

Installation & Operation

Jolt Rider Professional JRP-1804

Jolt Rider Limited

PO Box 303222
North Harbour 0751
Auckland, New Zealand

joltrider.com
sales@joltrider.com

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, Jolt Rider products are recreational only and not intended for commercial use.

Jolt Rider takes no responsibility for users and operators falling outside of these limitations.

100kg	Maximum User Weight
8.5g	Maximum impact enabling $\geq 60\%$ reduction for 100kg user

Supplied Components

Main Assembly & Tools

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

Backrest Assembly Components

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

Bolster Seat Assembly

- 1x Bolster Seat Plate
- 1x Foam Bolster Seat
- 2x M8 Seat Adjustment Knob
- 2x Countersunk Plastic Boss
- 2x Plain Plastic Boss
- 2x M8 Countersunk Capscrews
- 2x M8 Metal Washer

Installation

The Jolt Rider product 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 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

- 1 Assemble the **Seat Post** to the deck of the vessel with appropriate hardware.
- 2 Assemble **6x Buttonhead Capscrews** with **6x Plastic Washers** through **Backrest Plate** onto the **Seat Post**. Hand tighten with Allen Key.
- 3 Put the **Bolster Seat Plate** into place on top of the **Supporting Seat Plate**. Check the **Large Plastic Washers** stay in place underneath.
- 4 Assemble **2x Countersunk Capscrews** with **2x Countersunk Plastic Bosses** through the slots in the seat underside into the two rearmost **Bolster Seat Plate** thread inserts. Hand tighten with Allen Key.
- 5 Assemble **2x Metal Washers** and **2x Plain Plastic Bosses** onto each of the **Adjustment Knobs**.
- 6 Insert the **Assembled Adjustment Knobs** through the slots in the seat underside into the two frontmost **Bolster Seat Plate** thread inserts and tighten.
- 7 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. After adjusting the seat to the desired fwd or aft position, both knobs should be hand tightened. If the seat remains in your desired position, check the tightness of the knobs. *These knobs do not require super strength or any tools, do not force or overtighten.*

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. After adjusting the seat height to one of the 5 desired position this knob should be hand tightened to its full depth. If the seat remains in your

desired position, check the tightness of the knobs. *This knob does not require super strength or any tools, do not force or overtighten.*

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.

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 and sand
- Cover the JR Units during prolonged exposure to the harmful UV/Sunlight
- Check for any major damage to the seating or spring areas
- Check for any oil leakage from internal damper unit onto the deck
- 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 spring areas
- Check for cracks around mounting points etc
- Check any loose parts 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.