

Bear Bones Systems DoubleUp Dirt Bike Platform User's Manual

Bear-Bones.com

Patents Pending

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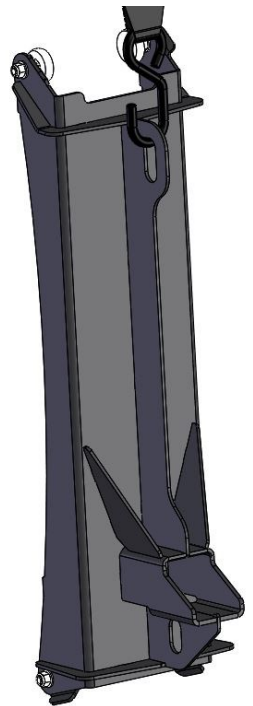


WARNING

Please read and understand the information in this User's Manual to help avoid possible damage, injury or death that could result from failure to follow these instructions and heed these warning.

1. DOUBLEUP PLATFORM INTRODUCTION

Thank you for purchasing a DoubleUp Dirt Bike platform a part of the Bear Bones System's family of products. The DoubleUp platform is used to lift dirt bikes for storage or to conveniently position a bike for maintenance or service. **The DoubleUp platform can be used in a high position or low position but must be used in conjunction with the Bear Bones Heavy Lift Carriage shown here →.**

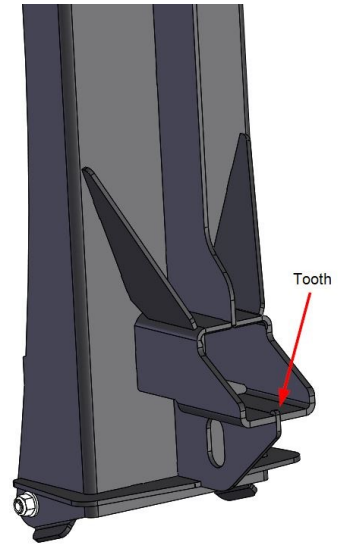


2. SAFETY

- 2.1. Never place your body beneath a suspended load.
- 2.2. Never exceed the weight capacity of the DoubleUp Platform which is 500lbs
- 2.3. Be aware of the general envelope of the bike being lifted to avoid collisions with surrounding items or ceilings.
- 2.4. Use the included foot peg fasteners to keep the bike from tipping forward. If your bike happens to sit on the DoubleUp platform in a way that allows it to rock to the rear, use a tie down strap to secure the front of the bike's frame to the front cross channel of the DoubleUp platform.

3. USING THE DOUBLEUP PLATFORM

1. **To load the DoubleUp platform with 2 bikes** lower the empty carriage using the hoist until the top of the receiver tube is below the height of the belly of the bike.
2. **This step should be done as a 2 person operation.** Position the first bike in front of the Minimalift column with the center of the engine roughly aligned with the center of the column and the center of the bike roughly 15" from the front of the Minimalift column.
3. Lean the bike's handlebar against the wall or have your helper hold the bike in place and position the second bike in the same fashion but facing the opposite direction. Have your helper hold both bikes while you insert the DoubleUp Platform tube into the carriage receiver at a slight downward angle until the slot on the underside of the platform tube drops over the tooth at the front edge of the carriage receiver. Removal will be the opposite.
4. Stand the bikes up and reposition if necessary so that the slots in the cross channels of the DoubleUp Platform align with the foot pegs.



5. Raise the carriage using the hoist until the DoubleUp Platform begins to lift the bikes off the floor.

6. Insert the foot peg fasteners up through the slots in the cross channel and through the foot pegs. Then place the foot peg washers and knobs over the fasteners and screw the knobs down until they just start to pull on the pegs. These foot peg fasteners are merely a safety feature to ensure that the

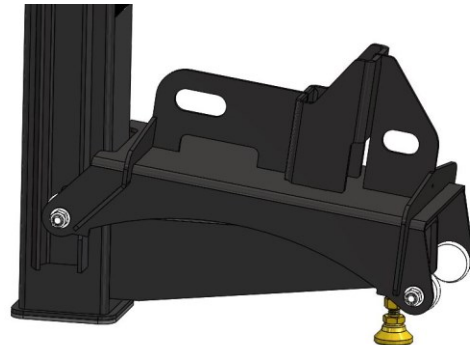


dirt bikes doesn't rock forward and should not be tightened beyond contact with the pegs. If you find that your bike can rock backwards or for extra security, use a tie down strap to secure the front of the frame to the front cross channel of the DoubleUp Platform.

7. Raise the carriage to the desired height using the hoist while paying attention to ensure you don't crash the bike into the ceiling or snag the handlebars.
8. Removing the bike is the reverse operation.

9. **To lift more than one platform**, load the first as described in steps 1-9 above.

Then with the first platform lifted, hang a fully extended carriage tie strap from the bottom loop of the first carriage with the short end up. Then load a carriage assembly onto the column by orienting it horizontally while passing the upper rollers through



the rail cutouts located near the bottom. Then raise it up and pass the lower rails through the cutouts. Lift it up the column and attach the carriage tie strap to its upper loop.

10. You can place a 1"-2" spacer block on the column leg beneath the carriage so that the carriage can't go low enough for the lower rollers to pop out of the cutouts in the rails.
11. Position the dirt bike to be loaded as in step 2 above and lean the handlebar against the wall. Then lower the carriages with the hoist until you achieve the desired spacing between the bikes. Insert the Moton Platform into the receiver as before and then from the back side lift the carriage by hand while removing the slack from the carriage tie strap.

12. Continue as in steps 4-7 above.
13. Notice: when lowering the hoist ensure that handlebars are positioned so that they can't snag any part of the Minimalift structure.
14. Hint: if your bike doesn't sit level on the platform you can glue wood shims to the wood platform pads.
15. Hint: Once you have found the correct location for loading bike/s, marking the floor can make loading the bike/s simpler next time.
16. Hint: An organized person might install hooks on the wall near their Minimalift Minimalift to conveniently hang carriages and platforms as they are removed from the lift.

4. CAPACITY

The DoubleUp Platform is rated for 500lbs at the midpoint of the platform (26-3/4" from the carriage roller. If lifting bikes of different weights, place the heavy bike closest to the column. If you are lifting a non-typical load you will need to determine the resulting torque as explained in the Section 3 of the Minimalift user manual. Maximum torque capacity is 13,600in*lb.