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Hoops Pro Dunk® Platinum Installation Instructions

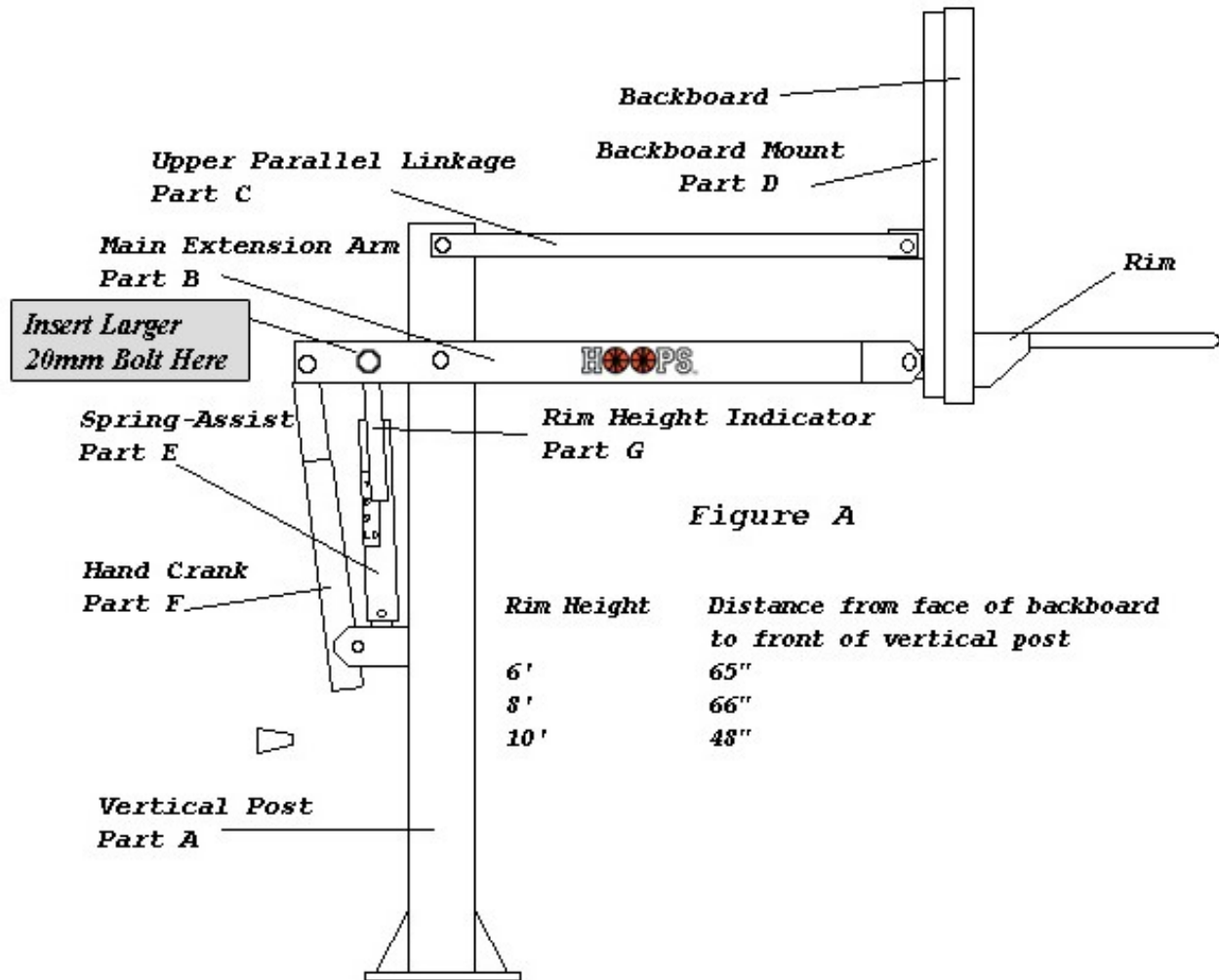


Figure A

Bill of Materials

- | | |
|--------------------------------|------------------------------------|
| A(1) Vertical Post | J(4) 18mm Anchor Bolt |
| B(1) Main Extension Arm | K(4) Anchor Footing Rebar |
| C(2) Parallel Linkage | L(1) Anchor Footing Template |
| D(1) H-Frame Backboard Mount | M(5) 18mm x 30.48cm (12") Hex Bolt |
| E(2) Spring-Assist Cartridge | N(1) 18mm x 33.02cm (13") Hex Bolt |
| F(1) Crank Adjustment Cylinder | O(8) 18mm Lock Nut |
| G(1) Rim Height Indicator | P(12) 18mm Hex Nut |

H(1) 16mm x 11.43cm (4 1/2") Hex Bolt

I(1) 18mm x 17.78cm (7") Hex Bolt

Q(8) 10mm x 3.18cm (1 1/4") Hex Bolt

R(8) 10mm Flatwasher

S(8) 10mm Lockwasher

T(8) 10mm Hex Nut

U(1) Rim Height Sticker

NOTE: Immediately unpack all components and cross check against bill of materials. Report any shortages to Hoops customer service at 281.351.9822.

1. Choose the proper location to dig for the concrete footing. Use the distance chart in figure A to help you make your decision. When choosing the exact position to dig, make sure to maximize the amount of playing surface while minimizing possible driveway obstruction.

2. Dig hole 48" deep and 24" square. Be sure to bell out the bottom 30.48cm of the hole to give added stability to the footing. NOTE: If you live in an area where the frost line is below 48" it is advisable to dig to normal frost line. **Do not cheat on the hole size, it is imperative that the hole be a minimum of 48" deep and 24" square!**

3. Assemble the anchor kit as shown in Figure B. First thread a 18mm hex nut 2 1/2" of the way on to each J-Bolt. Place the threaded end of each J-Bolt through the 4 holes located in the anchor template. Then thread a second 18mm nut on to each J-Bolt until tight against the template, making sure to keep the J-Bolt hooks pointing in toward the center of the template.

4. For this step you will need: Level; Broomstick; Tape Measure. The 48" x 24" anchor footing will require a little over a 1/2 yard of 3000 psi concrete (32-34 60# sacks of premix concrete). More will be needed if you dig a larger hole. Make certain that you have enough concrete to finish the job. Allowing a portion to dry while you purchase more concrete will weaken the footing.

5. Mix the concrete according to the instructions on the bag. It is better to mix it slightly wet than too dry. Fill the hole full to ground level with as little time between batches as possible. Insert the broomstick in 3 or 4 different places and vibrate up and down to settle the concrete. Submerge the (4) anchor footing rebar pieces into the center of the hole spaced evenly. Next set the anchor bolt assembly into the wet concrete, vibrate it as it goes in to make sure the concrete fills in around the J-Bolt hooks. Make sure the template is pressed firmly against the top of the wet concrete. Use the level to ensure that it is level in all directions. Additionally, the center line of the J-Bolts must be parallel with the edge of the playing surface. (See figure C)

STOP HERE! Allow footing to cure for seven days before proceeding.

6. Take off the top 18mm nuts from the J-Bolts.

7. Loosen the 4 18mm nuts from the J-Bolts. Leave metal template in place.

8. Place the vertical post (A) down over the footing making sure not to damage the J-Bolt threads. Using the final (4) 18mm hex nuts, bolt down post finger tight with two metal ears to the rear.

9. Level the vertical post by adjusting the 18mm nuts located underneath the base plate. Then tighten top nuts against the top side of the base plate.

10. Slide the main arm (B) over the top of the vertical post and attach to the lower pivot tube with a 18mm x 30.48cm hex bolt and a 18mm locknut.

11. Next attach the hand crank adjustment cylinder using a 18mm x 30.48cm hex bolt and 16mm x 11.43cm hex bolt. Tighten each with a 18mm locknut.
12. Line up the hole located in the rim height indicator (rim height indicator is black plastic w/hole in one end) over the hole in one of the second set of welded tubes in the main arm. Attach both spring-assist cartridges to the main extension arm using a 20mm x 30.48cm hex bolt and 20mm hex nut (This is a larger size bolt - see picture on front page). In order to attach both cartridges, lower the open end of each spring-assist cartridge down over the top of each welded tab as shown in Figure A. Use the 18mm x 17.78cm hex bolt & 18mm locknut to attach them to the welded tabs. The rim height indicator should hang freely along the outside of one of the cartridges. Next, remove and discard the blue plastic spreader tube from spring-assist cartridges.
13. Attach parallel linkages (C) to vertical post with 18mm x 30.48cm hex bolt and a 18mm locknut. Attention: It does not matter which end of the parallel link you attach to the vertical post. Caution: Injury may occur if linkages are allowed to fall off main arm during assembly.
14. Next, lay the H-Frame down into backboard aligning the four top and bottom holes in the H-Frame with the four holes in the top and bottom of the backboard. Check to make sure the rim hole pattern in the H-Frame lines up with the rim hole pattern in the backboard, adjust as needed. When you are satisfied with alignment, attach backboard to H-Frame at all points along the top and bottom of the board using the 10mm x 3.18cm hex bolts, flatwashers, lockwashers and hex nuts as shown in Figure D. Tighten all 10mm hardware.
15. Mount the H-Frame/Backboard assembly lower pivot tube first to the main arm using (1) 16mm x 33.02cm hex bolt and (1) 18mm locknut. Next, attach the upper H-Frame pivot tube to the upper parallel linkages using (1) 18mm x 30.48cm hex bolt and (1) 18mm locknut.
16. Check face of backboard to see if it is level forward and back. If it is out of level, correct it by adjusting the 18mm nuts located underneath the vertical post base plate.
- 17. Prior to installing the rim, locate four plastic and steel spacers. Insert them into four rim holes in backboard. Now install rim using bolts, nut, and washers provided in rim carton. Without these important spacers the backboard could break when tightening the rim fasteners. Do not proceed with rim installation without these spacers!**
18. Mount the rim to the H-Frame/Backboard assembly using the hardware supplied in the rim box. Use a level to make sure rim is level side to side before tightening nuts.
19. After everything is square, make sure all nuts have been tightened. However, do not overtighten, if unit is excessively difficult to crank up and down the main pivot nuts are probably too tight.
20. To apply the rim height sticker, first use a tape measure to crank rim up to exactly 10' from the playing surface. Use a pencil to make a mark on the spring-assist outer tube where the bottom of the rim height indicator stops. Then, peel and apply sticker to outside of spring-assist cartridge lining up the pencil mark with the 10' mark on the sticker. See Figure A for a diagram of a completed height indicator assembly.

Note: It is advisable to wait up to two weeks to allow the anchor footing to fully cure before aggressive play.

Figure B

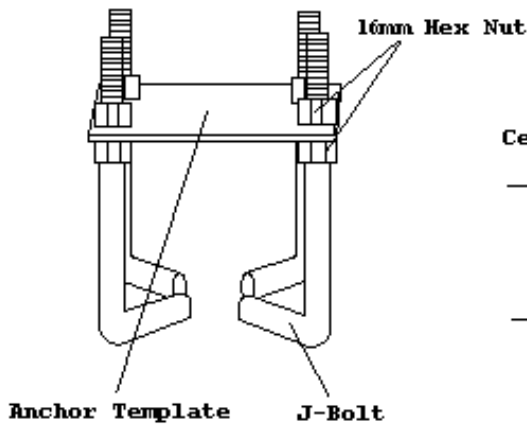


Figure C

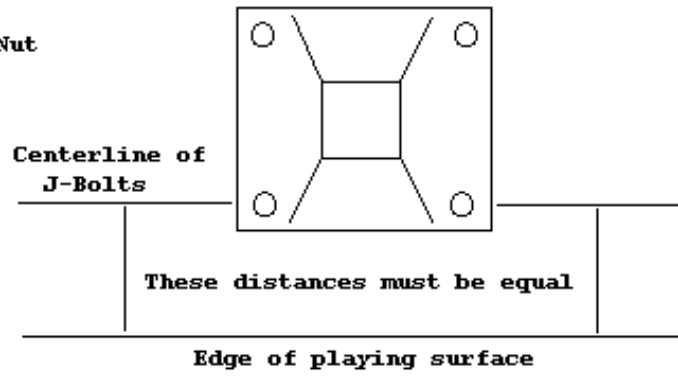


Figure D

