

OWNER'S MANUAL



Warning

- ! Do not slide, climb, or play on pole.
- ! Keep organic material away from base. Grass, litter, etc. could cause corrosion and /or deterioration.
- ! Check system twice a year for signs of corrosion (rust, pitting, and chipping). Remove rust and/or loose paint completely and repaint with exterior enamel paint. If rust has penetrated through the steel anywhere, replace immediately.
- ! Check unit before each use for loose hardware, excessive wear, and signs of corrosion and repair before using.
- ! During play, use extreme caution to keep players face away from the backboard, rim, and net.
- ! Wear a mouth guard when playing to avoid dental injuries.
- ! When adjusting height, keep hands and fingers away from moving parts.
- ! During play, do not wear jewelry (rings, watches, necklaces, etc.). Objects may entangle in net.



BEAR™

Bear™

Basketball System

WELCOME TO THE FAMILY OF BEAR™ OWNERS

Thank you for purchasing our basketball system. We try hard to ensure that our products are of high quality and free of manufacturing defects and of missing parts. However, if you have any problems with your basketball pole, such as a manufacturing defect or a missing part please contact us at the following:

Toll Free: 1.888.600.8545

Pro Dunk®

Web: www.produnk.com

22047 Lutheran Church Rd.

Tomball, TX 77377

Please provide model number, serial number, and/or part number of the product and/or part when you call, write or email. These numbers can be found on the product, packaging, or on the back of the main pole.

Purchase Parts: www.produnk.com/parts

Support: www.produnk.com/support

Installation Video: www.produnk.com/video/bear_assembly.html

Read this manual all the way through before starting to put up your system. Then read each step completely before beginning installation.

Bill Of Materials

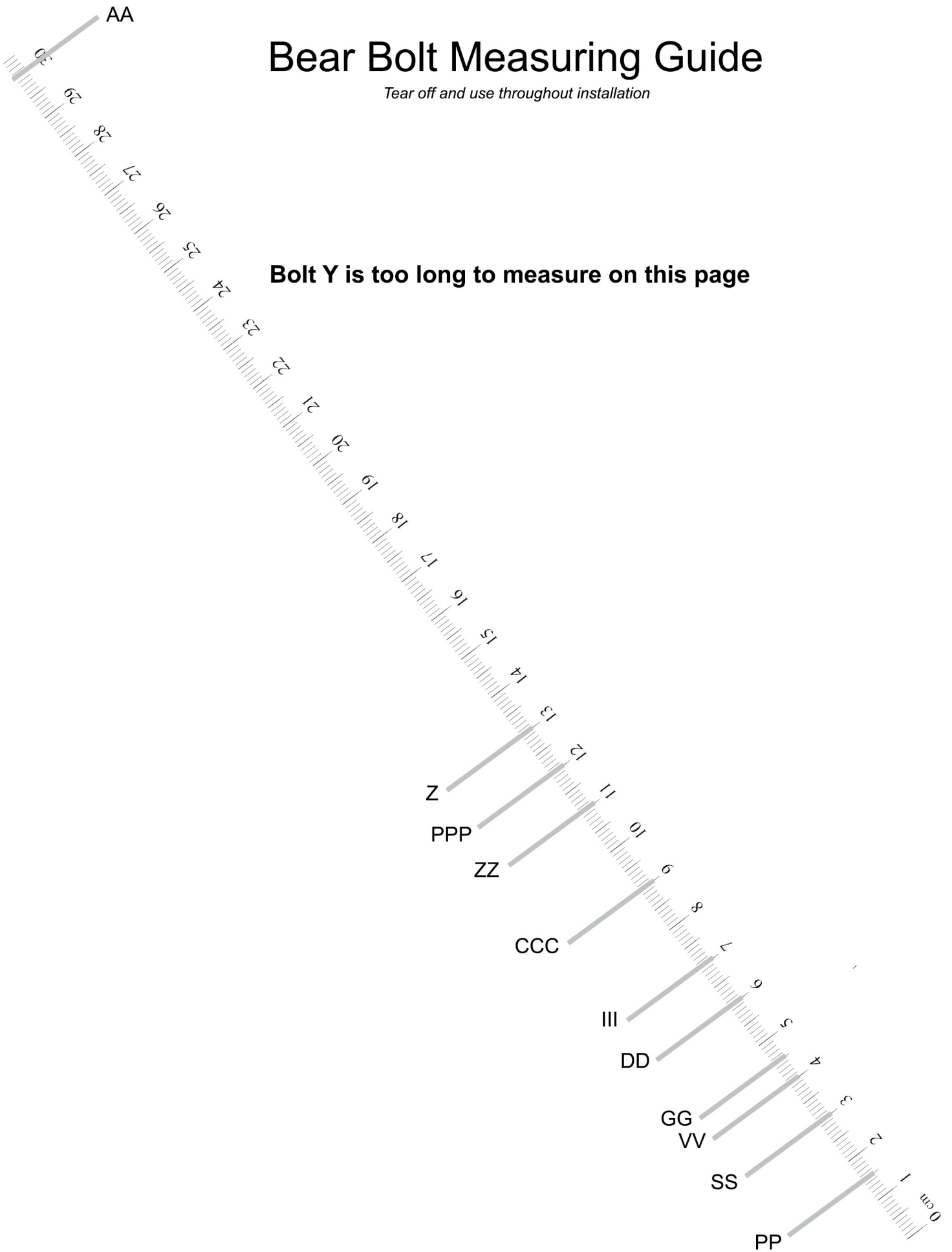
Ref.	Qty.	Description
A	1	Vertical Post
B	1	Base
C	1	Main Extension Arm
D	1	Backboard Assembly
E	2	Upper Parallel Linkage Arm
F	1	Weight Box Cover
G	1	Weight Box Back Wall
H	1	Weight Box Front Wall
I	2	Weight Box Side Wall
J	4	Leveler Feet
K	1	Weight Divider
L	2	Turf Wheel
M	2	Main Pole Support Brace
N	2	Weight Box Lock
O	1	Pole Pad Bottom
P	1	Pole Pad Top
Q	1	Height Adjustment Actuator
R	1	Spring Assist
S	1	Safety Pin
T	1	Safety Pin Locking Pin
U	1	Rim Height Sticker
V	1	Rim Height Indicator Meter
W	2	Ground Anchor Assembly
X	4	Concrete Anchor Assembly
Y	4	16mm x 33cm Hex Bolt
Z	2	14mm x 13cm Hex Bolt
AA	2	16mm x 30cm Hex Bolt
BB	10	16mm Locking Hex Nut (4 are used for Main Pole Mounting)
CC	2	14mm Locking Hex Nut
DD	4	16mm x 6cm Hex Bolt (Main Pole Mounting)
EE	8	16mm Flat Washer (Main Pole Mounting)
FF	4	16mm Lock Washer (Main Pole Mounting)
GG	4	12mm x 4.5cm Hex Bolt (Main Pole Support Assembly)
HH	8	12mm Flat Washer (Main Pole Support Assembly)
II	4	12mm Lock Washer (Main Pole Support Assembly)
JJ	4	12mm Hex Nut (Main Pole Support Assembly)
KK	4	Rim Spacers

Ref.	Qty.	Description
LL	1	Axle
MM	2	Hex Nut (Axle Assembly)
NN	2	Axle Spacer
OO	16	6mm Flat Washers (Weight Box Assembly)
PP	10	6mm x 1.5cm Allen Bolts (Weight Box Assembly)
QQ	8	6mm Hex Nuts (Weight Box Assembly)
RR	2	Cotter Pin (Axle Assembly)
SS	8	8mm x 3cm Hex Bolt (Padding Assembly)
TT	8	8mm Flat Washer (Padding Assembly)
UU	8	8mm Lock Washer (Padding Assembly)
VV	8	10mm x 4cm Hex Bolt (Front Leveler Assembly)
WW	16	10mm Flat Washer (Front Leveler Assembly)
XX	8	10mm Lock Washer (Front Leveler Assembly)
YY	8	10mm Hex Nut (Front Leveler Assembly)
ZZ	4	12mm x 11cm Hex Bolt (Back Leveler Assembly)
AAA	8	12mm Flat Washer (Back Leveler Assembly)
BBB	4	12mm Locking Hex Nut (Back Leveler Assembly)
CCC	4	14mm x 9cm Hex Bolt (Leveler Feet Assembly)
DDD	8	14mm Flat Washer (Leveler Feet Assembly)
EEE	4	14mm Locking Hex Nut (Leveler Feet Assembly)
FFF	2	Front Leveler
GGG	2	Back Leveler
HHH	1	Rim
III	4	10mm x 7cm Hex Bolt (Rim Assembly)
JJJ	8	10mm Flat Washers (Rim Assembly)
KKK	4	10mm Lock Washers (Rim Assembly)
LLL	4	10mm Hex Nut (Rim Assembly)
MMM	4	Rim Shim Washers (optional)
NNN	1	Rim Cover Plate (Rim Assembly)
OOO	2	Rim Cover Plate Screws (Rim Assembly)
PPP	2	12mm x 12cm Hex Bolt (Back Wheel Assembly)
QQQ	4	12mm Flat Washer (Back Wheel Assembly)
RRR	4	Steel Spacer (Back Wheel Assembly)
SSS	2	12mm Lock Hex Nut (Back Wheel Assembly)
TTT	2	Back Wheels (Back Wheel Assembly)

Bear Bolt Measuring Guide

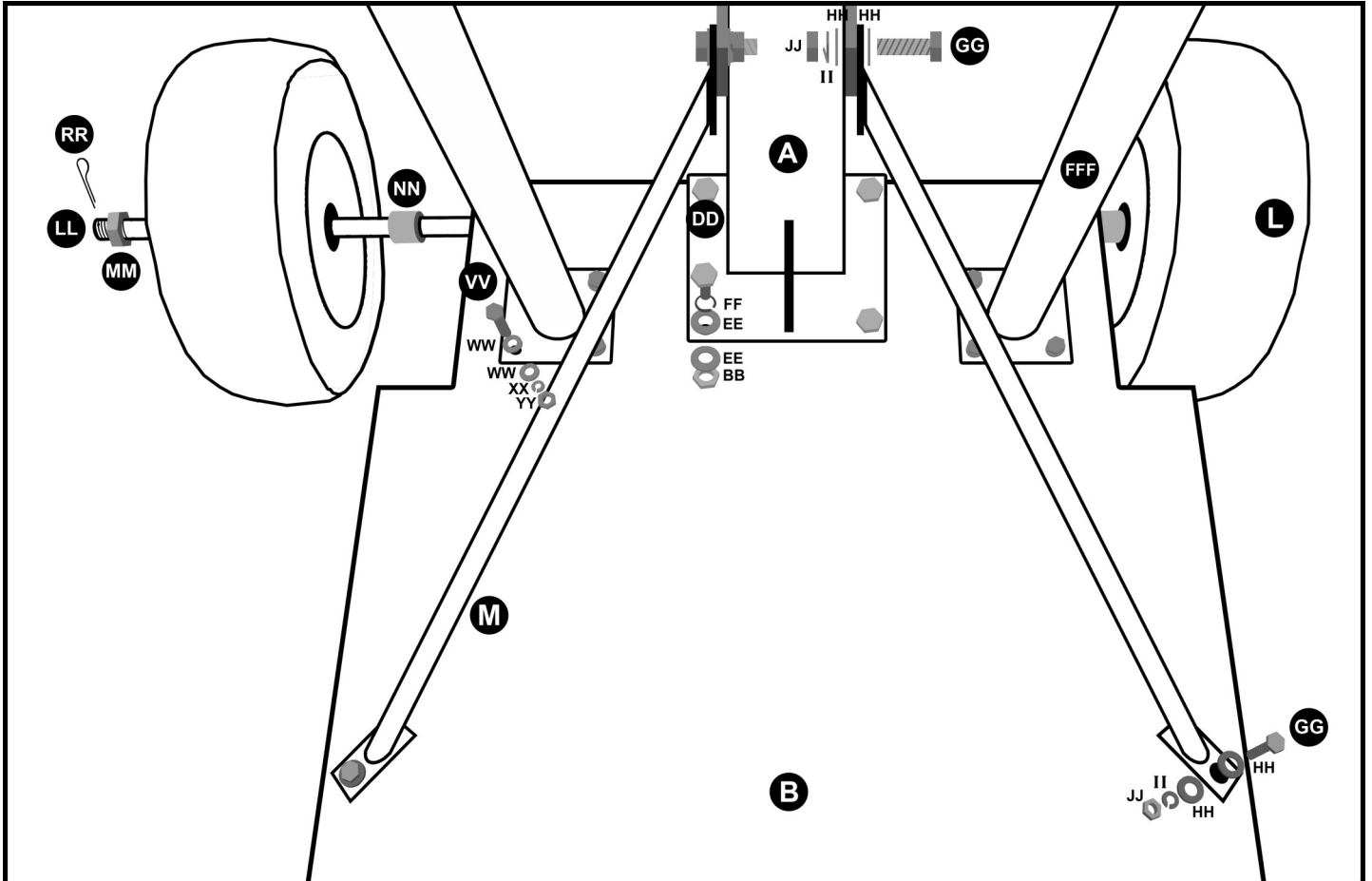
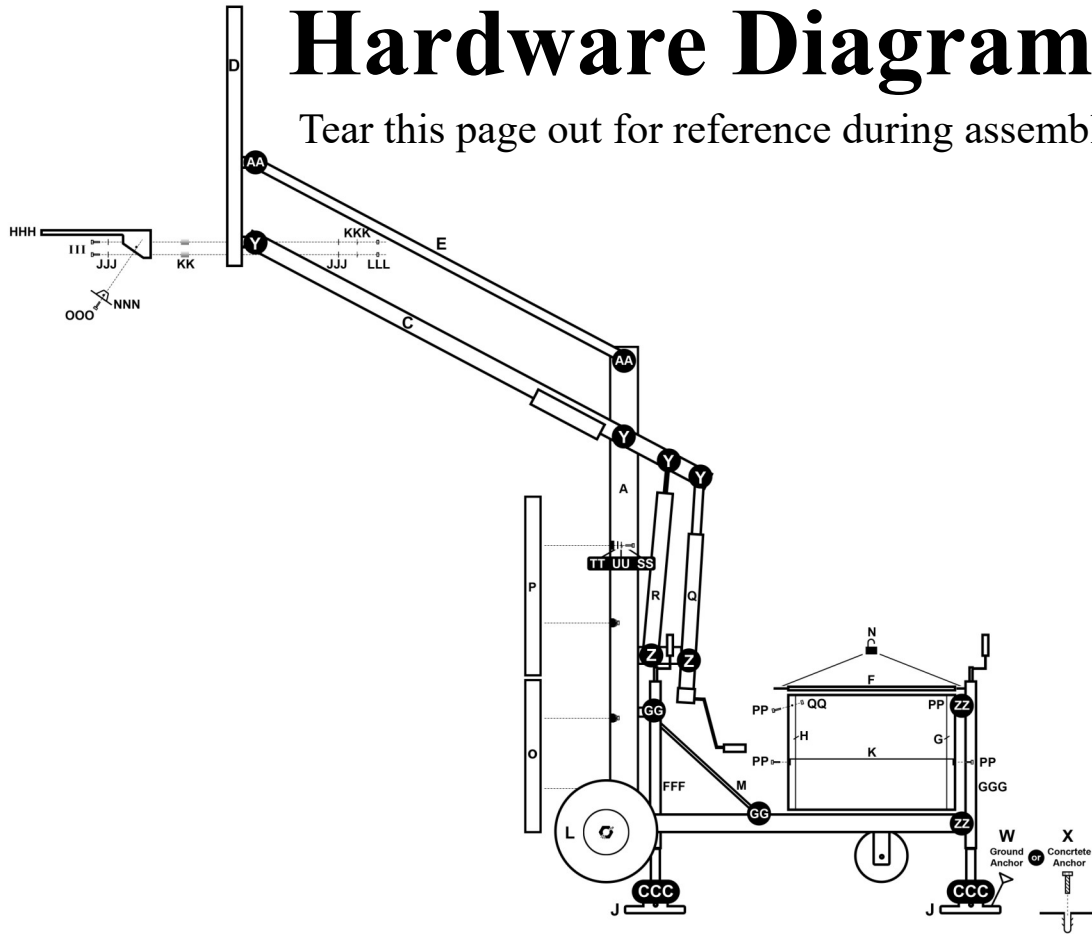
Tear off and use throughout installation

Bolt Y is too long to measure on this page



Hardware Diagrams

Tear this page out for reference during assembly



Safety Instructions



IMPORTANT

It is the responsibility of purchaser to ensure that all installers and players fully comply with the detailed instructions set forth in this product installation manual. Product assembly should be carried out exactly as instructed and owner supervision of use and installation is required to prevent risk of product malfunction or risk injury.

- All tools used to assemble this product should be used in compliance with manufacturer's guidelines.
- Installation of this product will require heavy lifting and bending. Any person that is not capable of such activity should not participate in the installation of this product.
- If using a ladder during assemble, use extreme caution and refer to the warnings and cautions on the ladder.
- Due to the size and weight of this product, we recommend at least (4) competent adults are present.
- Before anchoring the weight box please call 811 to ensure that all underground utilities are a safe distance away from the anchor system.
- Make sure there are no overhead power lines within a 25 foot radius of the basketball system.
- All parts and components necessary to complete proper installation are included within this product. Do not use parts not included with our system. Failure to follow this requirement could cause product malfunction and will void warranty of this product.
- Keep all organic materials away from parts and components to avoid corrosion.
- Please use caution when performing Slam Dunks on your Pro Dunk® system.
- Do not climb on any part of the basketball system as it was not intended for this activity.

- Do not use the basketball system as a lift or to hoist anything.
- Players should wear protective mouth guard during play to avoid any time of dental injury.
- Players should refrain from wearing any jewelry that could potentially get caught in the rim or net.
- Do not hang on the rim or system at any point.
- Do not allow children to adjust basketball system.
- Check the basketball system on a regular basis to ensure that there are no signs of deterioration or corrosion, loose hardware, or damaged parts. If you see any signs of damage perform maintenance or contact Pro Dunk® for replacement.
- For maintenance repairs please contact a professional.
- Do not dunk on the system without all 30 concrete blocks and the back jack anchored securely to the surface.
- **Failure to follow these safety instructions could result in product malfunction, serious injury, or even death.**

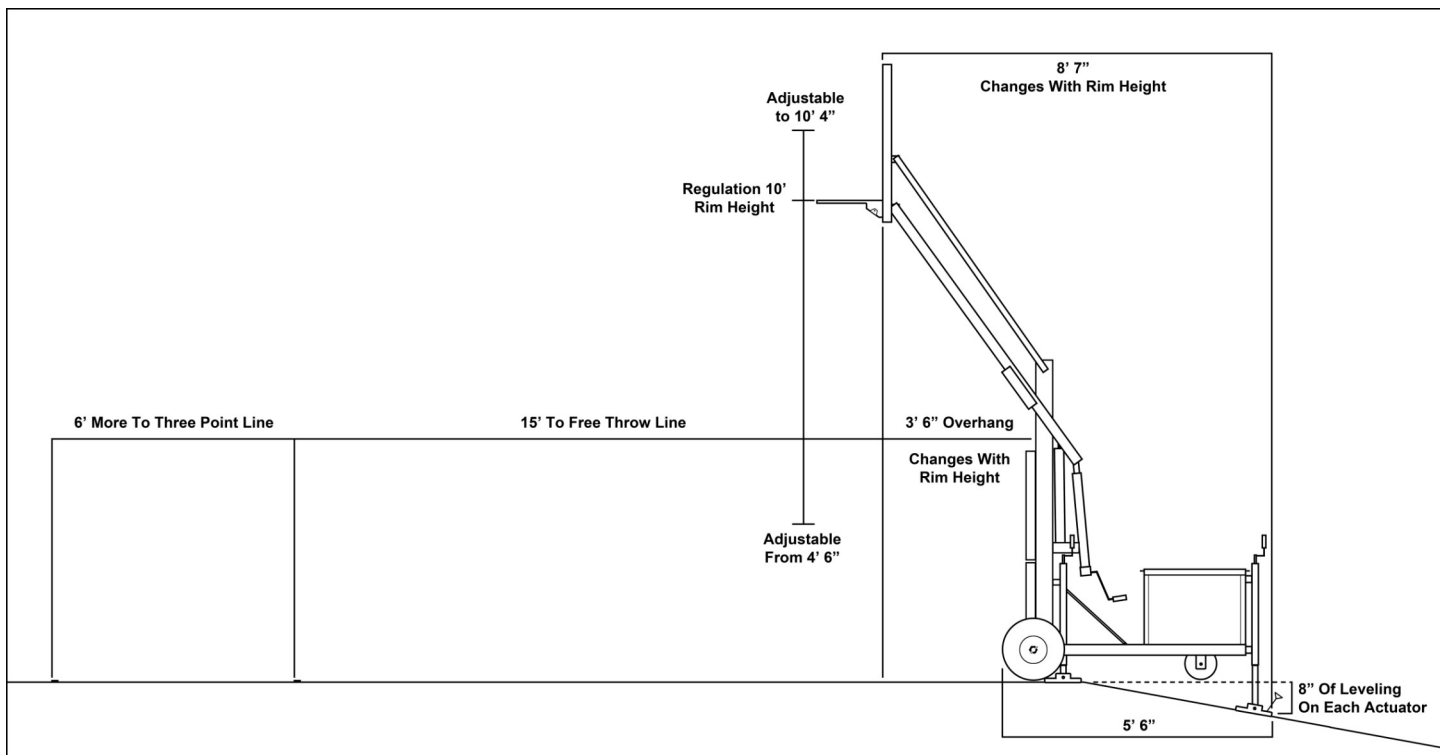
Pro Dunk® retains the right to modify this document at any time without notice or obligation.

Keep this installation manual as a reference for your safety and the safety of those playing on the basketball system. Additional copies of these safety instructions are available by calling customer service at **1.888.600.8545** or at **www.produnk.com/support**

Installation Overview

In order to have the safest, fun and longest use of your Pro Dunk® system, please note and heed the following:

- 1) Immediately unpack all components and cross check against bill of materials. Report any shortages to Hoops Inc. customer service at 1.888.600.8545.
- 2) Parts can be ordered at www.produnk.com/parts
- 3) For safety measures, have at least 4 capable persons to assist you in assembly of your Pro Dunk® Goal.
- 4) Have 30 solid concrete blocks (Common: 4x8x16 inch) on hand for the ballast. Blocks are not included.



Required Tools and Materials

- 30 Solid Concrete Blocks (Common: 4x8x16 inch)
(Actual: 3.625x7.625x15.625 inch)
- Level
- Tape Measure
- Box Cutter
- (2) Large Crescent Wrenches
- (1) 4mm Allen Key
- Gloves
- Pencil

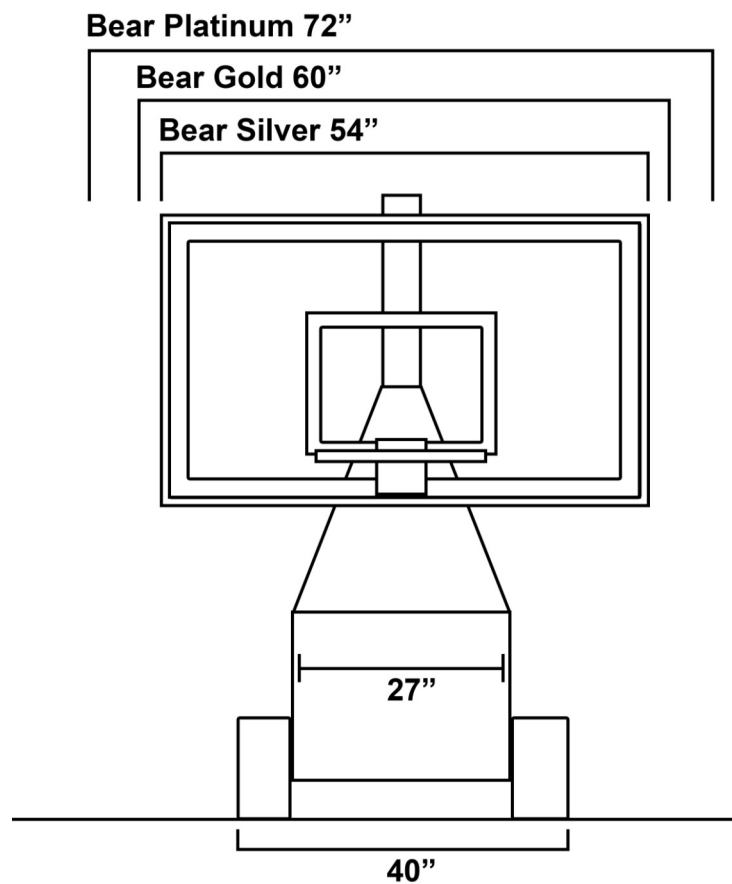
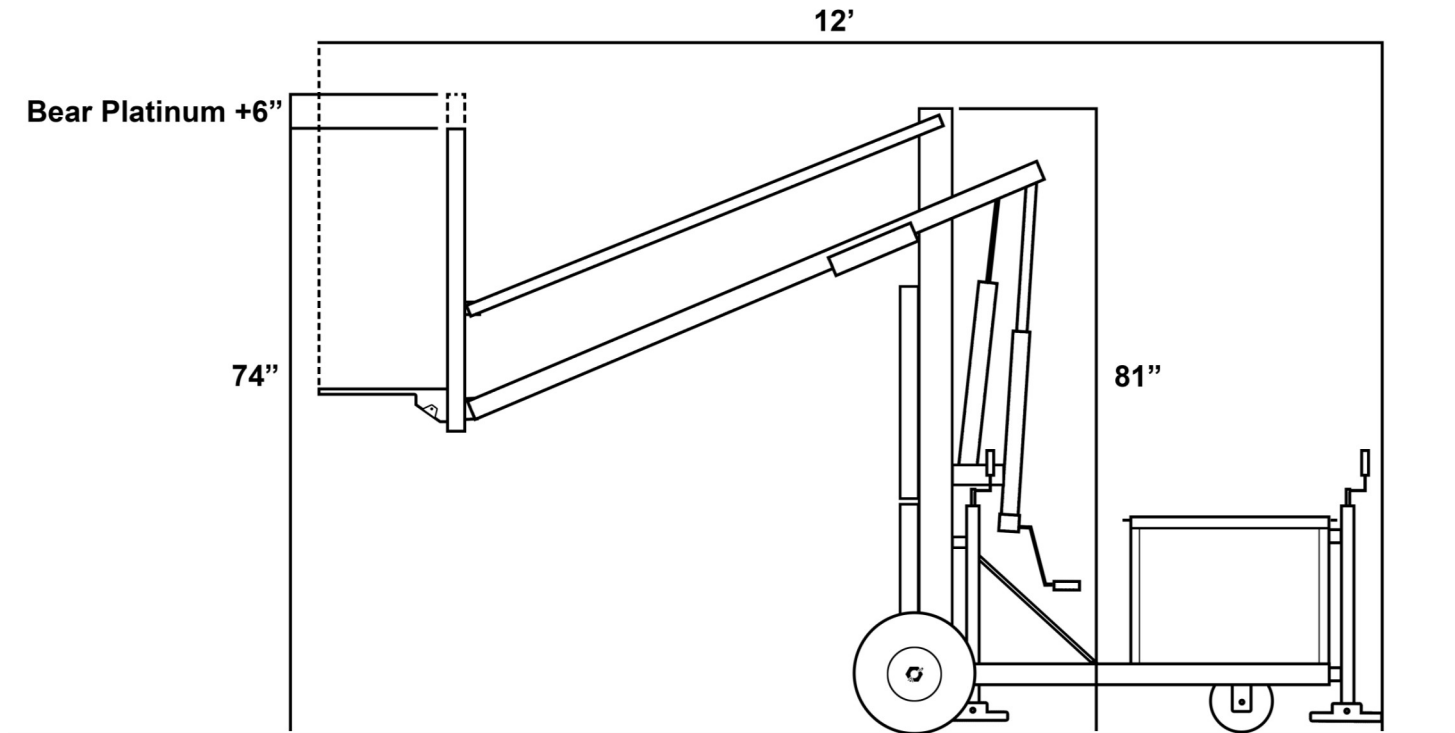


4x8x16 inch Solid Cap Concrete Block

Patten Pending Number 62433850

Bolt/Nut Sizes	
Socket/Wrench Sizes Recommended	
•	24mm
•	22mm
•	19mm
•	17mm
•	13mm
•	10mm

Storing Your Bear



Assembly Video

Navigate to be below URL to watch our installation video.

http://www.produnk.com/video/bear_assembly.html

Installation of a Pro Dunk® Bear basketball goal system by experienced professional assembly crew. It shows the entire assembly process from start to finish and includes tips and explanation by the experts at www.produnk.com.



http://www.produnk.com/video/bear_assembly.html



Pro Dunk Accessories

http://www.produnk.com/basketball_goals/accessories/



Why stop playing in the evening. You don't have to! Order the **Pro Dunk Goal Light LED**. It easily lights up the entire 3-point line with 2 powerful LED lamps extending play into the night. **There's always time for one more game!**

[patent pending 62458721]

Comes with **Free Shipping!**



[Goal Light LED!](http://produnk.com/video/goal_light_led.html)

produnk.com/video/goal_light_led.html



Haven't you always wanted your playing area to have regulation striping like a real basketball court. Well now you can with the **Court Marking Stencil Kit**. Just lay it out on your court and applied the included white paint. **Includes the key with side markings, freethow, and the entire 3-point line.** Fully reusable and a great family DIY project.

Comes with **Free Shipping!**



[Court Marking Stencil](http://produnk.com/video/court_marking_stencil_kit.html)

produnk.com/video/court_marking_stencil_kit.html



Customize your pole padding with anything you can think of including family, NBA, college, high school, church or school names. Made of high quality outdoor 3M vinyl. Solid white characters are pre-spaced on transfer paper for easy application to your pole padding.

Comes with **Free Shipping!**



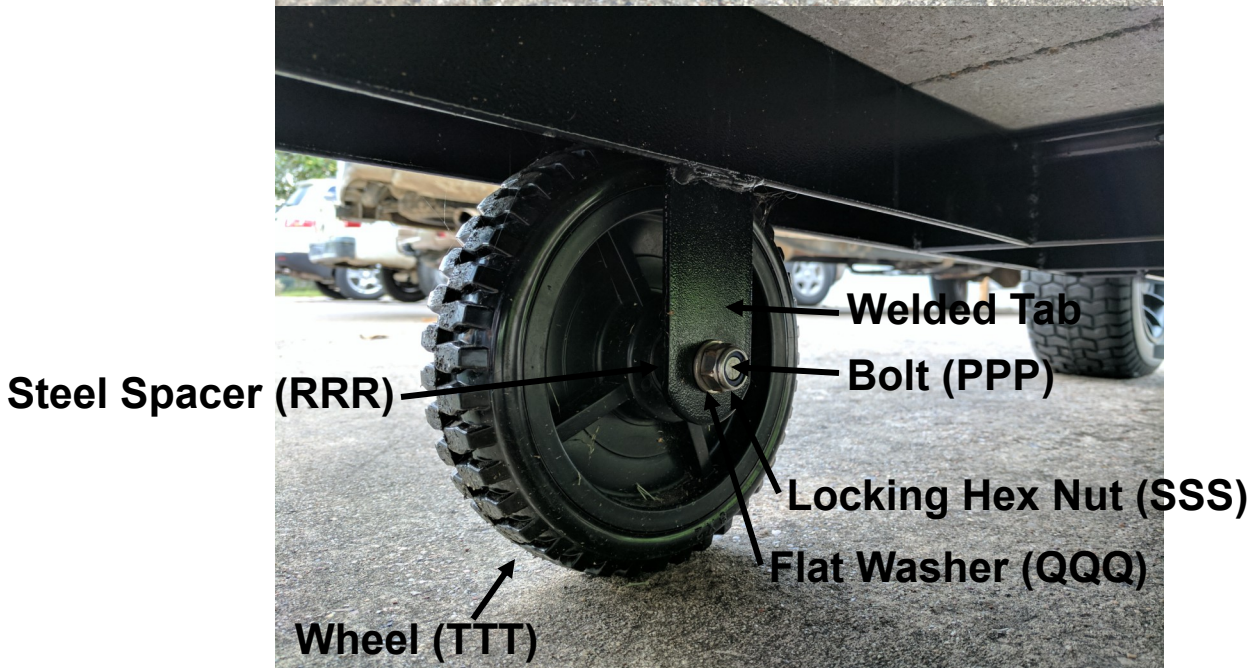
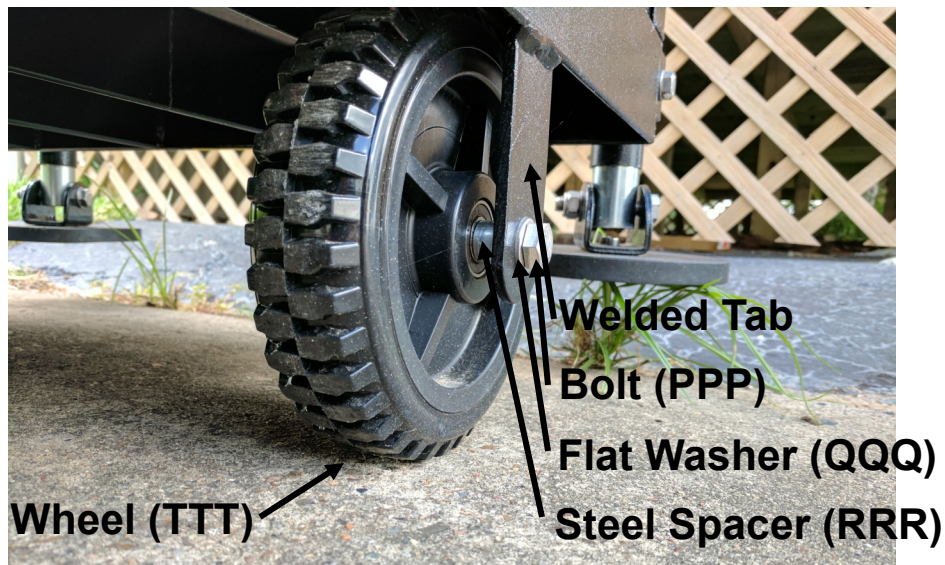
[Custom Pole Pad Lettering](http://produnk.com/video/pole_pad_lettering.html)

produnk.com/video/pole_pad_lettering.html

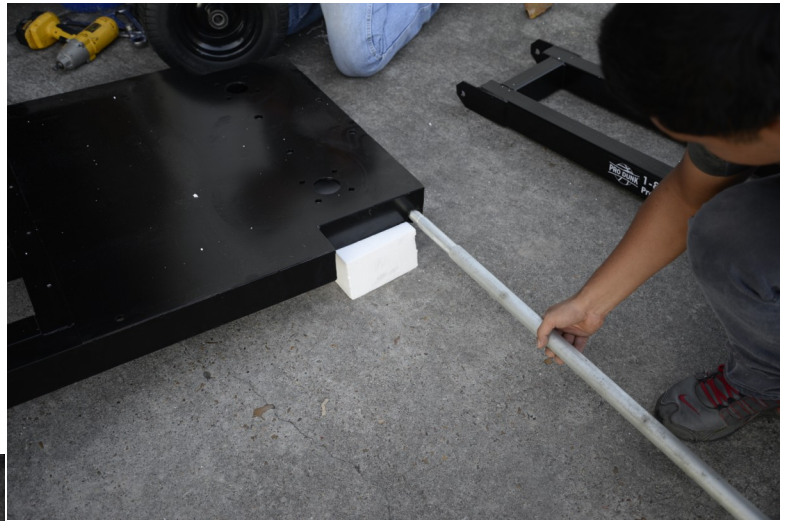
Assembly Instructions

1) Wheel and Axle Assembly

Place 1 flat washer (QQQ) on bolt (PPP). Insert bolt (PPP) into welded tab then place steel spacer (RRR) on bolt (PPP). Then place wheel (TTT) into place sliding bolt (PPP) through the center. Then place second steel spacer (RRR) on bolt (PPP) and continue through the steel tab. Then place flat washer (QQQ) and locking hex nut (SSS) on and tighten.



Slide the Axle (LL) Through the Sleeve on the Base (B).



Place each Axle Spacer (NN) on each side of the Axle (LL).

Place each Turf Wheel (L) onto Axle (LL).



Screw on the Axle Hex Nut (MM) and tighten down. Then loosen Axle Hex Nut (MM) to allow wheel to spin freely. Slide both Cotter Pins (RR) in and bend over on both sides as shown in the photo.

2) Weight Box Assembly

Attach Weight Box Front (H) and Weight Box Back (G) sides to the Base (B) by sliding into place.



Attach Weight Box Sides (I) to the Weight Box Front (H) and Weight Box Back (G) using Allen Bolts (PP), Flat Washers (OO) and Hex Nuts (QQ). Make sure to leave all bolts loose to allow for movement during installation.



Install the Weight Box Cover (F) and while all weight box bolts are loose square the box to the cover lining up the pad-lock holes on the cover and the box. Once everything is lined up remove Weight Box Cover (F) and tighten all (PP) and (QQ) hardware on the box making sure it stays aligned as you tighten each one.



Using gloves, add 12 solid concrete cinder blocks to the weight box. 2 across long ways, 3 deep, 2 layers high. This will total 12 cinder blocks.



Solid Concrete Blocks
(Common: 4x8x16 inch)
(Actual: 3.625x7.625x15.625 inch)

Install Weight Divider (K) using hex bolts (PP).

The Weight Divider (K)



Using gloves, add 18 more solid concrete cinder blocks to the weight box. 2 across long ways, 3 deep, 2 layers high. This will total 30 cinder blocks and will fill the entire weight box.

Solid Concrete Blocks
(Common: 4x8x16 inch)
(Actual: 3.625x7.625x15.625 inch)

Place the Weight Box Cover (F) on the completed weight box and secure on the front and back with the provided Weight Box Locks (N)



NOTE: Once you have loaded all of the 30 blocks **the weight box will be completely full.** If your weight box is not full then you will want to double check you have the correct blocks and the correct amount of blocks.

3) Main Pole Assembly

Place the Main Pole (A) on the Base (B) in-between the Turf Wheels (L) so that the four holes line up. The 8 slotted welded tabs will be facing towards the court.



Attach the Vertical Post (A) using hex bolt (DD), lock washers (FF), flat washers (EE), and Lock Nut (BB). Do not tighten all the way.

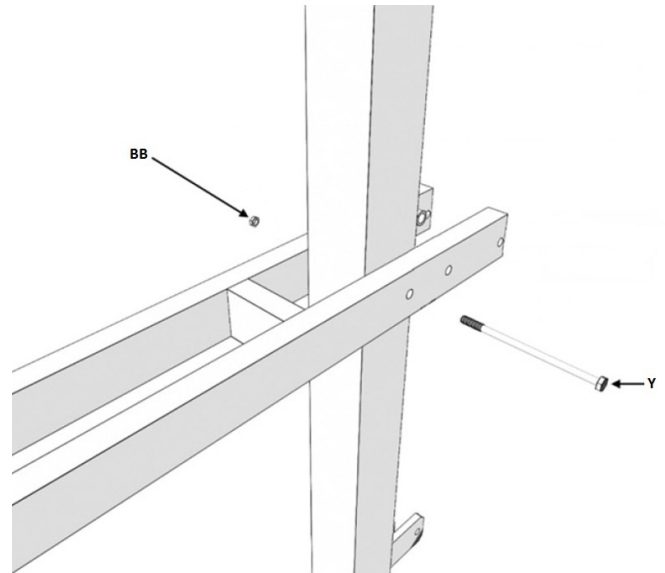
Attach both Main Pole Supports (M) using hex bolt (GG), lock washer (II), flat washer (HH), and hex nut (JJ) leaving loose until both are fully connected. Then tighten the Vertical Post (A) hex bolts (DD) and tighten the Main Pole Support (M) hex bolts (GG).



4) Main Extension Arm Assembly

Slide the Main Extension Arm (C) over the top of the Vertical Post (A) and attach to the lower pivot tube with a 16mm X 33cm Hex Bolt (Y) and a 16mm Lock Nut (BB).

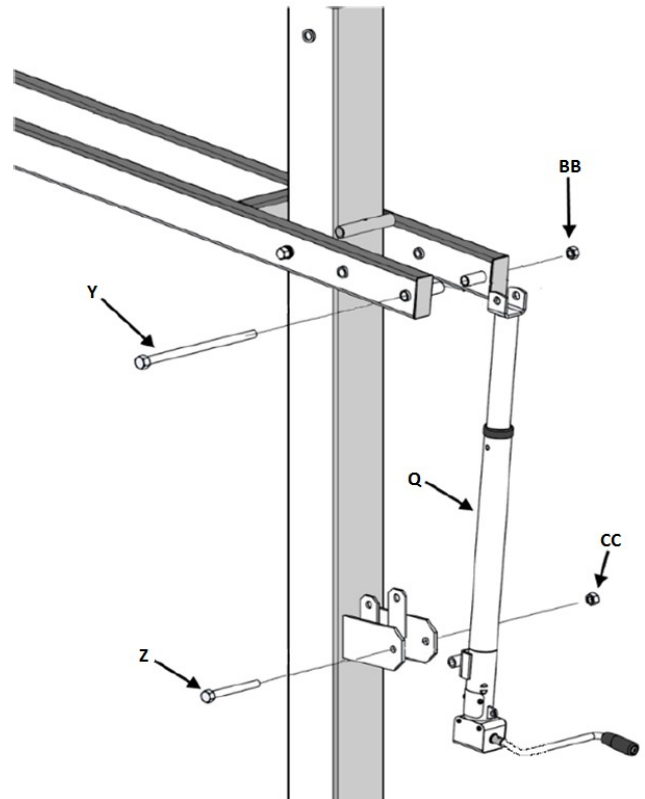
NOTE: Tighten the lock nut down and then back off a 1/4 turn to allow the joint to pivot when adjusting the system up and down.



5) Actuator Assembly

Next attach the Height Adjustment Actuator (Q) using an 16mm X 33cm Hex Bolt (Y) at the top and 14mm X 13cm Hex Bolt (Z) at the bottom. Tighten each with a 16mm Lock Nut (BB) and 14mm Lock Nut (CC).

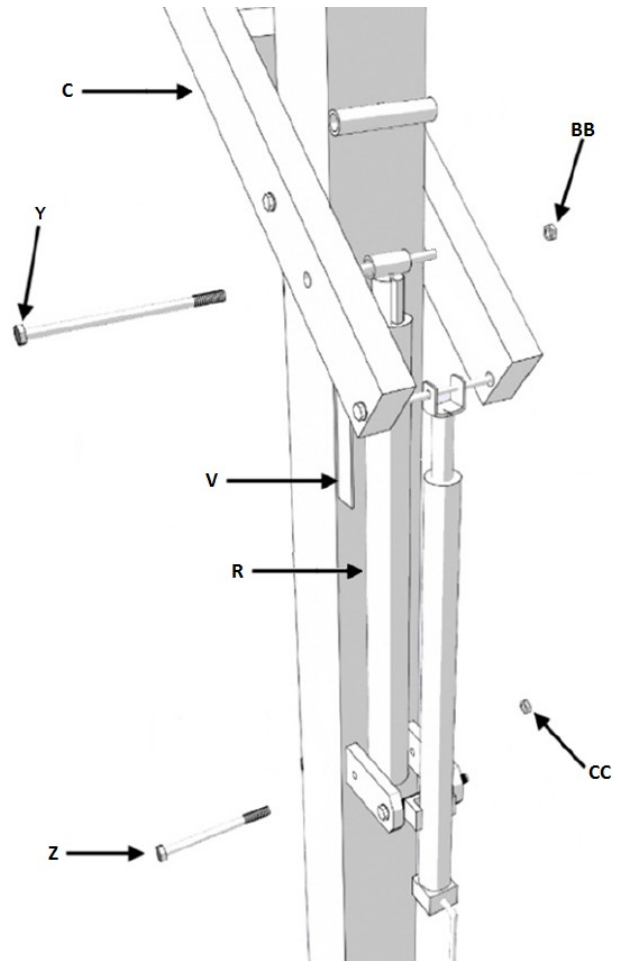
NOTE: Tighten the lock nuts down and then back off a 1/4 turn to allow the joint to pivot when adjusting the system up and down.



6) Spring Assist Assembly

Attach Spring-Assist Cartridge (R) to the Main Extension Arm (C) using an 16mm X 33cm Hex Bolt (Y) and 16mm Lock Nut (BB). Use the 14mm X 13cm Hex Bolt (Z) and 14mm Lock Nut (CC) to attach them to the welded tabs. You may need to turn or rotate the Spring-Assist Cartridge (E) to line up holes. The Rim Height Indicator (V) should hang freely along the outside of the Spring-Assist Cartridge (R). Next, remove and discard the plastic spring assist spacer from Spring-Assist Cartridge (R).

NOTE: Tighten the lock nuts down and then back off a 1/4 turn to allow the joint to pivot when adjusting the system up and down.



7) Upper Linkage Assembly

Attach Parallel Linkages (E) to Vertical Post (A) with a 16mm X 30cm Hex Bolt (AA) and a 16mm Lock Nut (BB).

NOTE: 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



NOTE: Tighten the lock nut down and then back off a 1/4 turn to allow the joint to pivot when adjusting the system up and down.

8) Backboard Assembly

⚠ CAUTION: ATTACHING THE BACKBOARD REQUIRES AT LEAST FOUR CAPABLE ADULTS.

Mount the H-Frame Backboard Mount (D) and Backboard assembly lower pivot tube first to the Main Extension Arm (C) using one 16mm X 33cm Hex Bolt (Y) and one 16mm Lock Nut (BB). Next, attach the upper H-Frame Backboard Mount (D) pivot tube to the Parallel Linkages (E) using one 16mm X 30cm Hex Bolt (AA) and one 16mm Lock Nut (BB).

NOTE: Tighten the lock nuts down and then back off a 1/4 turn to allow the joint to pivot when adjusting the system up and down.



9) Rim Spacers Assembly

Prior to installing the rim, locate four Plastic and Steel Spacers (KK). Insert them into four rim holes in the backboard. This is very important to prevent backboard breakage.

⚠ CAUTION: Do not proceed with rim installation without these spacers!



[Install Rim Spacers](https://produnk.com/video/rim_spacer.html)
produnk.com/video/rim_spacer.html



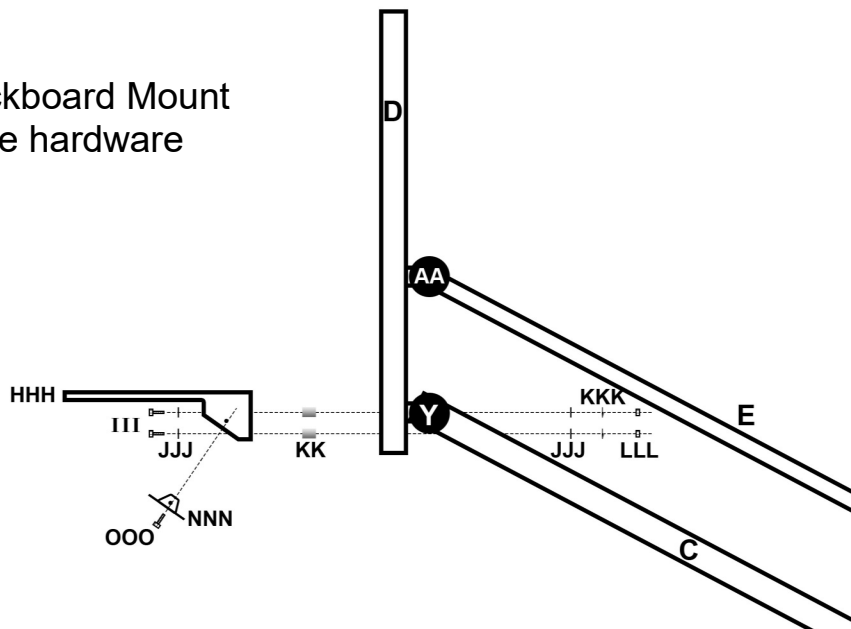
10) Rim Assembly

Mount the rim to the H-Frame Backboard Mount and Backboard assembly using the hardware supplied in the rim box.



[Install Rim](https://produnk.com/video/install_rim.html)

produnk.com/video/install_rim.html



NOTE: Use a level to make sure rim is level side to side before tightening nuts

OPTIONAL: If desired, you can level the rim front to back using shim washers placed between the rim spacer (KK) and Rim (HHH).



Using (2) Rim Plate Screws (OOO) attach the Metal Rim Plate (NNN) to the rim (HHH). The Metal Rim Plate (NNN) covers the springs in the Rim (HHH) as shown below.



[Replace Net](https://produnk.com/video/rim_net_replacement.html)

[Produnk.com/video/rim_net_replacement.html](https://produnk.com/video/rim_net_replacement.html)

If not already done, remove the spring assist spacer. Cut off the spring assist spacer that is attached to the Spring-Assist Cartridge(s) (R) using a box cutter.

11) Leveler Assembly

Attach both front levelers (FFF) to the Base (B) using hex bolts (VV), flat washers (WW), lock washers (XX), and hex nuts (YY).



Attach both back levelers (GGG) to the Base (B) using hex bolts (ZZ), flat washers (AAA), and locking hex nuts (BBB).

Attach all four leveler feet (J) to the bottom of the levelers with hex bolts (CCC), flat washers (DDD), and locking hex nuts (EEE).



12) Pole Padding Assembly

Attach bottom and top pole padding (P) and (O) flat washers (TT), lock washers (UU) and hex bolts (SS).

13) Setting Up Your System

Now move the system into the correct location where you would like to calibrate your 10ft rim height. To do this please remove the first 3 rows of concrete blocks from your system. With the help of 3 adults push down on the end of the rim to lift the back wheels off the ground to pivot in any direction and proceed to move your Bear to the desired location.

TIP: If your plastic feet do not seem to be adjusting up or down while turning you can hold the plastic foot with your foot to keep it from spinning while not touching the ground.



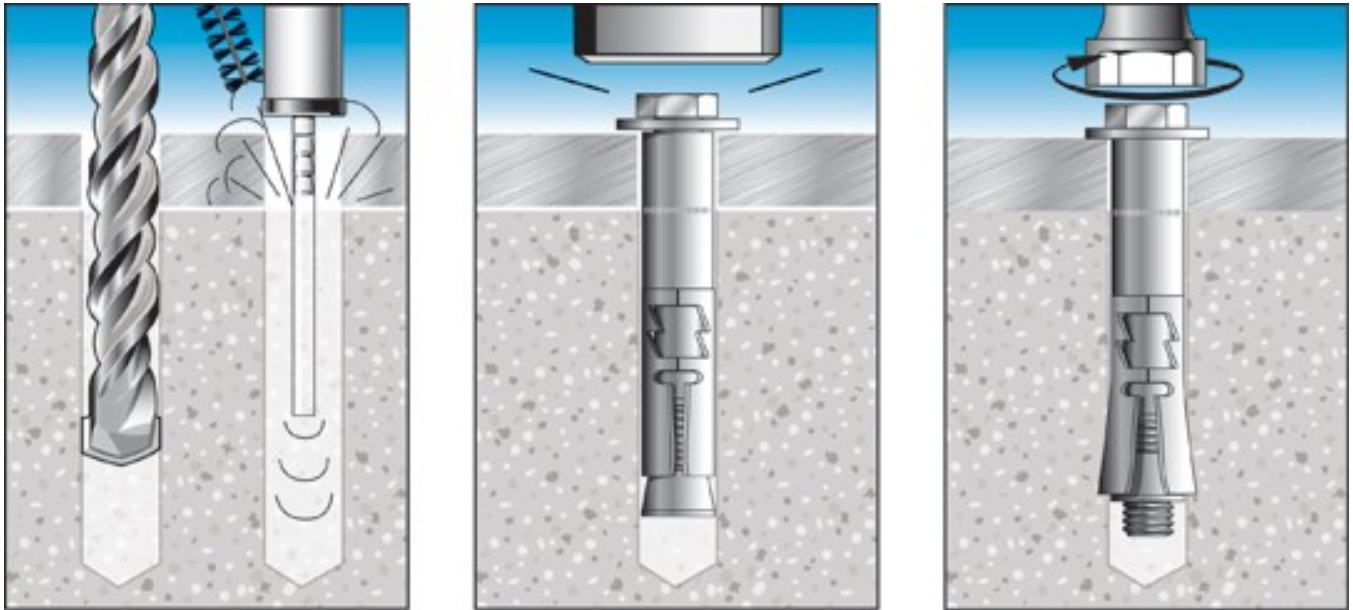
Using the levelers, raise your Bear so that all four wheel are clearly off the ground and your backboard is level front to back and left to right. Then place the 18 blocks back into the weight box and place the cover back on and lock it.



Using the provided ground anchors, anchor your system using the back leveler feet. If you are on grass, dirt, or asphalt use the ground anchors (W). With asphalt you will need to use a chipping bar to make 2 holes in your asphalt for the ground anchor to go through.



If you are on concrete use the provided concrete wedge anchors. To install use a hammer drill and 5/8" concrete drill bit. Drill 2 holes where the back feet would sit and insert wedge anchors sleeve. Using a punch hammer the wedge on the inside of the sleeve down to wedge the sleeve into place. Then place the 2 back feet over the wedge anchor sleeve and line the holes up. Thread the bolt through the foot into the wedge anchor sleeve and tighten down.



14) Height Meter and Sticker Assembly

To apply the Rim Height Sticker (U) and Steel Rim Height Indicator (V), first use a tape measure to crank rim up to exactly 10' from the playing surface. This is measured from the top of the rim to the playing area.



[Install Height Meter](https://produnk.com/video/height_meter_installation.html)

produnk.com/video/height_meter_installation.html

Attach the Steel Rim Height Indicator (V) to the upper bolt that holds the Spring-Assist Cartridge (R) to the Main Extension Arm (C). The Steel Rim Height Indicator (V) will just hang on the bolt loosely.

Use a pencil to make a mark on the Spring-Assist Cartridge (R) where the bottom of the Rim Height Indicator (R) stops. Then, peel and apply sticker to outside of Spring-Assist Cartridge (R) lining up the pencil mark with the 10' mark on the sticker. See image below for a diagram of a completed height indicator assembly.



Hook the height meter to the top bolt on the spring assist cylinder and let it hang freely.



Attach the height sticker to the spring assist cylinder where the bottom of the height meter is pointing to exactly 10ft on the sticker.

15) Maintenance

Like any piece of hardware proper maintenance is required. Several factors such as the environment, organic materials, herbicides, pesticides, excessive use or misuse can eventually cause the basketball system to require maintenance. Failure to do so could result in system failure, property damage, or even personal injury.

- 1) All organic materials should be kept away from the system at all times. This will alleviate any chance of rust penetrating the powder coated finish and causing structural damage.

Examples: grass clippings, moisture, garbage, dirt, etc.

- 2) If you see any signs of rust on the system remove the loose paint, sand the area with a media grit sandpaper and apply outdoor enamel to the affected area.

Suggested Touchup Paint: Rustoleum Semi-Gloss Black Enamel

- 3) To clean the backboard use a 100% cotton soft cloth with mild dishwashing liquid for soap and luke warm water. Rinse backboard with lukewarm water. Wash gently with a 100% Cotton soft cloth, lukewarm water and mild soap. Do not scrub. Rinse backboard with lukewarm water again. Dry with 100% cotton soft cloth. To minimize scratches and minor abrasions to your backboard

- 4) Never adjust the rim below 4' 6" or over 10' 4". Adjustments of the goal should be done under adult supervision. When attempting to slam dunk you should always wear a mouth guard to avoid dental injury.

- 5) If installed in a public area it is suggested to lock the adjustment mechanism. You can purchase a pad lock to do this.

Suggested Lock: Pro Dunk® Lock—



[Pro Dunk Lock](https://produnk.com/video/lock.html)

produnk.com/video/lock.html

- 6) Replace Net Video—



[Replace Net](https://produnk.com/video/rim_net_replacement.html)

produnk.com/video/rim_net_replacement.html

16) Routine System Inspection

Before each use inspect the entire system for any signs of Loose nuts and bolts, any excessive wear and tear, any signs of rust or corrosion.

If replacement parts are needed you can contact Pro Dunk® directly or navigate to www.produnk.com/parts to purchase parts for your system. Only parts provided by Pro Dunk® should be used for repair. Not doing so could cause the system to fail resulting in injury or death and voids the limited lifetime warranty.

Hoops Inc. Pro Dunk® Limited 5 Year Warranty

Hoops Pro Dunk® basketball structural components are warranted to the original purchaser to be free from defects in material or workmanship for the duration of ownership by the original retail purchaser. The word “defects” is defined as imperfections that impair the use of the product.

Warranty Fulfillment

Merchandise must be shipped prepaid with a copy of proof of purchase to Hoops Inc. for examination to see whether it needs to be repaired or replaced. Any labor costs, travel expenses and any other changes involved in the removal, installation or replacement of the defective/repared parts from/to your Hoops Pro Dunk® system will be your (the purchaser's) responsibility. Shipping charges for replaced or warranted merchandise being sent back to the customer must be prepaid by the customer in advance. If not, the replacement shipment will be sent out collect. Hoops Inc. reserves the right to examine photographs or physical evidence of merchandise claimed to be defective, and to recover said merchandise, prior to authorization of warranty claims.

What is not covered by this warranty

This warranty does not cover defects or damage due to improper installation, shipping, handling, alteration, accidents, vandalism, weather conditions (rusting), exposure to corrosives, negligence, misuse (anything other than a type of basketball activity or related contact with the unit), scratching, scuffing or any event beyond the control of the Hoops Inc.. If unit is not maintained as stated in the user manual the warranty will be void.

Liability

Hoops Inc. shall not be liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the products or other damages with respect to any economical loss, loss of property, loss of enjoyment of use, costs of removal, installation or other consequential damages for breach of any expressed or implied warranty on these products.

Guidelines

Keep your proof of purchase (original retail purchaser). Without it, we will not be able to proceed with any warranty service.

Call

1-888-600-8545 / Warranty Dept.

Write

Hoops Inc.
Attn: Warranty Dept
22047 Lutheran Church Rd.
Tomball TX 77377

Email

support@hoopsincorporated.com

For the most up to date warranty information please navigate to www.produnk.com.