# —— Installation and Safe Use Manual ——
# 6” HANGTIME EZ SWING UP POLE SYSTEM

Customer Service
(800) 247-7668

**For the following packages:** PR98GHT, PR98GHTJR, PR98SHT, PR98SXLHT, PR98UHT, PR98UHTJR, HT6060G, HT6060GS, HT6072G, OL6060HT, OL6060HTS, OL6072HT

Scan for Supplemental Installation and Assembly Video

| PARTS LIST | | | | | |
|---|---|---|---|---|---|
| **Packaged Separately | | | | | |
| **Item** | **Qty** | **Description** | **Item** | **Qty** | **Description** |
| A | 1 | Ground Anchor** | Q | 1 | 5/8” X 5” Hex Bolt |
| B | 1 | Pole | R | 4 | 5/8” X 1 1/2” Hex Bolt |
| C | 1 | Lower Arm | S | 4 | 5/8” Lock Washer |
| D | 2 | Upper Arm | T | 1 | 3/4” X 2 1/2” Hex Bolt |
| E | 1 | Crank | U | 1 | 1/4” X 3” Hex Bolt |
| F | 1 | Height Gauge | V | 3 | 1/4” X 2 1/2” Hex Bolt |
| G | 1 | Pointer | W | 5 | 1/4” Hex Nut |
| H | 1 | Pole Cap (Factory Installed) | X | 1 | Backboard** (see table on page 4) |
| I | 1 | 1/2” X 6 1/2” Hex Bolt | Y | 1 | Backboard H-Frame** (see table on page 4) |
| J | 1 | 1/2”-13 Deformed Lock Nut | Z | 8 | 5/16" X 1" Machine Screw |
| K | 1 | 3/4” X 7” Hex Bolt | AA | 8 | 5/16" Lock Washer |
| L | 2 | 3/4” Hex Nut | BB | 8 | 5/16" Hex Nut |
| M | 2 | 3/4” Flat Washer | CC | 1 | BA32 Rim** (BA39U optional) |
| N | 2 | 5/8” X 11” Hex Bolt | DD | 1 | Pole Pad** (If applicable) |
| O | 3 | 5/8” X 12” Hex Bolt | EE | 1 | Backboard Padding** (If applicable) |
| P | 6 | 5/8” Lock Nut | FF | 16-18 | 60lb Bag of Quick Dry Concrete (Provided by Customer) |

- Inspect all contents prior to installation. Report any missing parts to dealer immediately.
- Read all instructions before proceeding.

**Warning!**
- **Improper installation, maintenance or use may cause product failure and serious personal injury.**
- **Three or four people in good physical condition and capable of lifting at least 90-100lbs each are recommended for safe installation and assembly.**

1. Leave the red plastic plugs in the four threaded holes in the *Ground Anchor* (A) to eliminate concrete from plugging or damaging the threads.

2. Determine the footing location. When the *Rim* (CC) is at official 10’ height, the distance from the face of the Backboard (X) to the front of the *Ground Anchor* (A) and *Pole* (B) (without pole padding) is approximately 56”. Contact your local utility locator service before digging a 20” minimum diameter by 48” minimum deep footing. See Figures 1 & 2.

3. The top surface of the *Ground Anchor* (A) should be installed 1 1/2” to 2” higher than the playing surface with the concrete slightly crowned to allow water run off with out interfering with the hinge tube At 10’ rim height the face of the backboard will be approximately 56” from the front of the pole.

4. Before pouring the concrete, make sure you have the required tools available including: a level, a broomstick or similar pole to vibrate the concrete, and a tape measure to correctly position the *Ground Anchor* (A).



Implementation Date: 4/15/24 N.J.C. Rev: 5 File: \ pub\Inst\Pole Sys\Hang Time\HT6Pole2 Ref#: 920444 L.M..

Figure 1

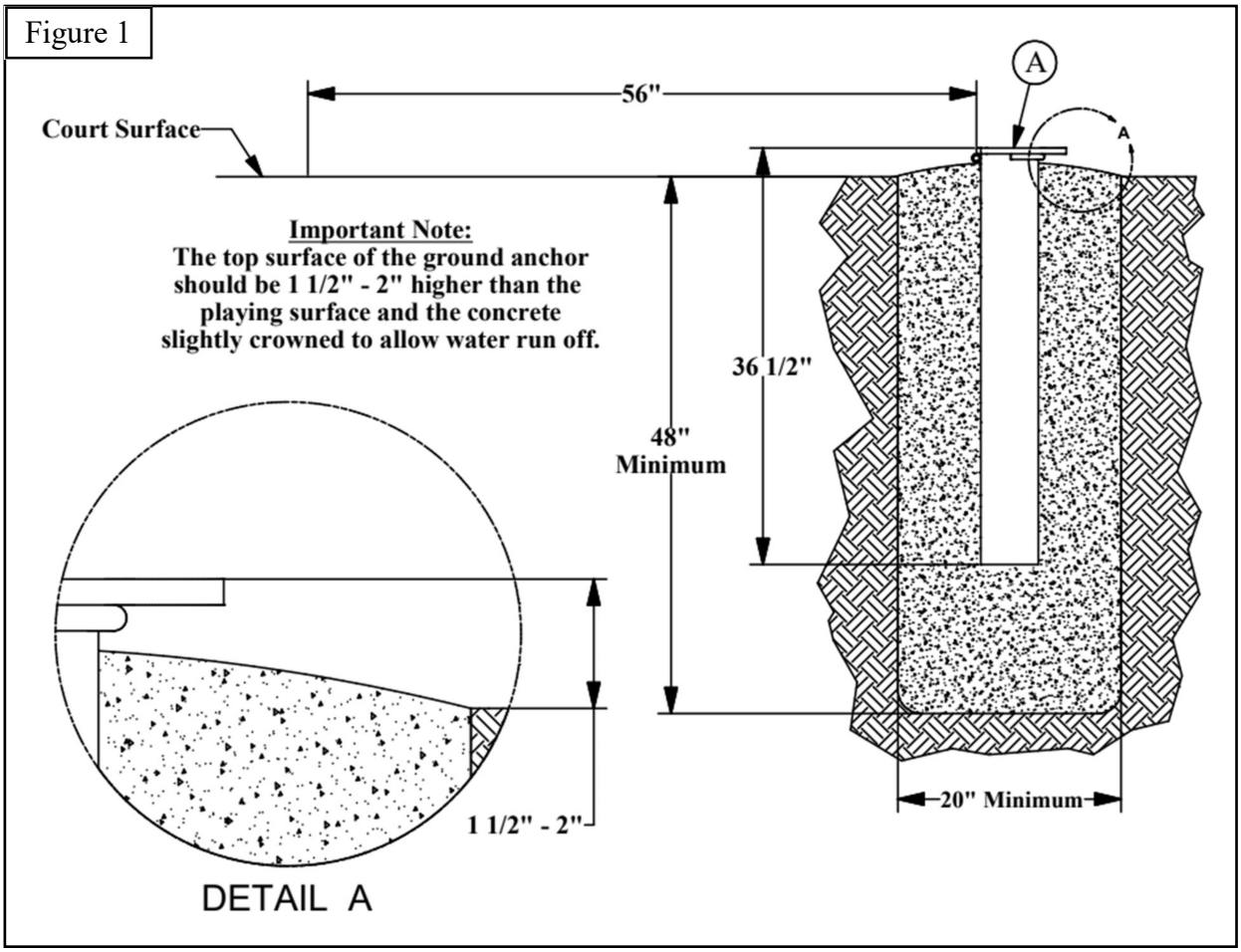
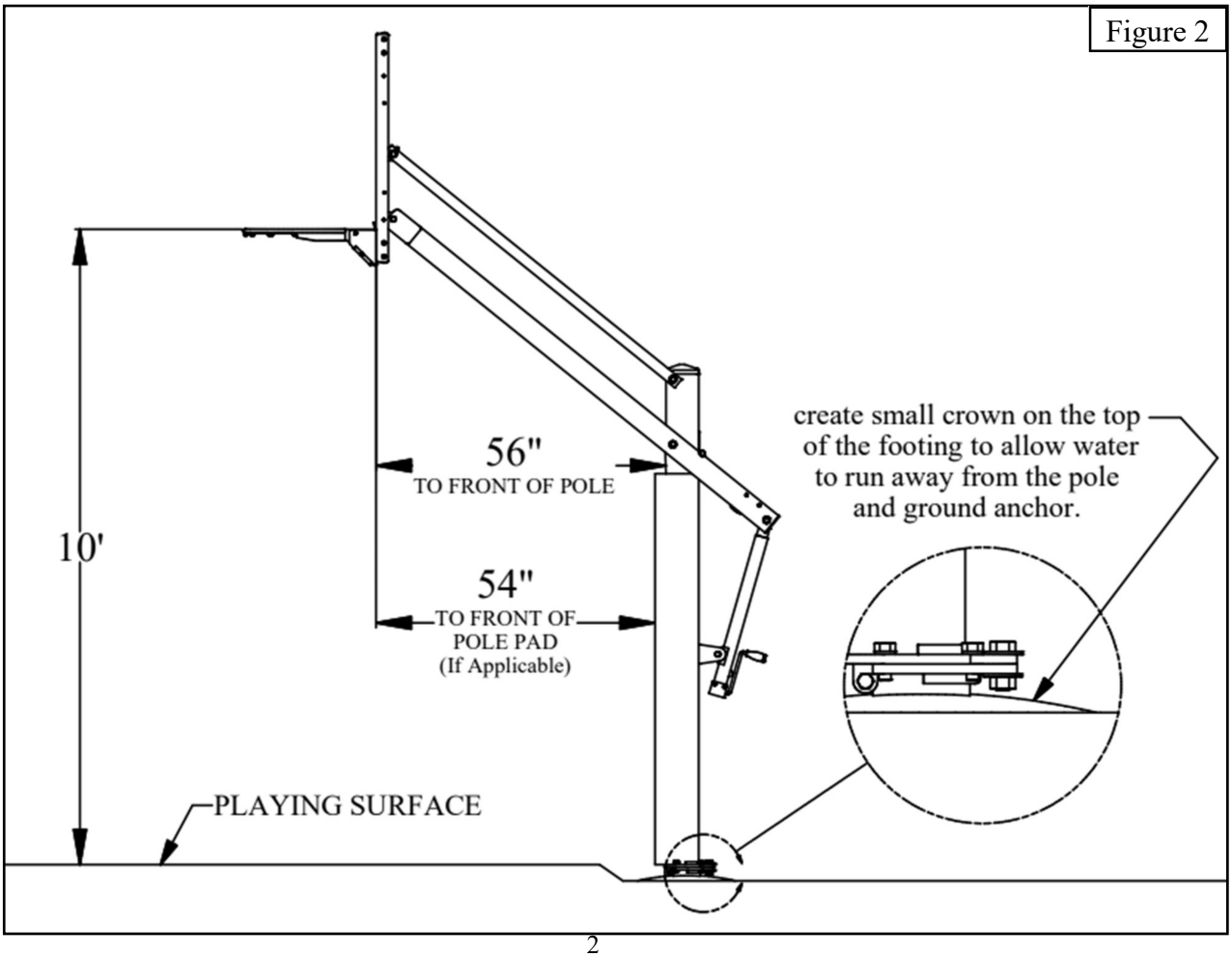



Figure 2



5. Mix concrete per manufacturers instructions. Begin adding concrete into the hole until the concrete is approximately 28”-30” deep. It’s a good idea for the first few batches of concrete to be mixed “wet”. This will increase your working time and allow the *Ground Anchor* (A) to be inserted easier. As you add concrete insert the broomstick into the wet concrete and agitate it up and down repeatedly, this will help to remove air bubbles. See Figures 1 & 2.

6. Position the *Ground Anchor* (A) in the center of the hole with the hinge side facing the court. The arrow on the decal must be pointing toward the court. Using a level, ensure the *Ground Anchor* (A) is level front-to-back and left-to-right. All edges of the *Ground Anchor* (A) must be at least 6” away from all sides of the hole, and the top a minimum of 1” away from the top of the footing and level with the court. Continue adding concrete until concrete is within 1”-1.5”of the *Ground Anchor* (A) plate bottom, or level with the landscape. It’s a good idea to mix the concrete towards the top drier than the other concrete. This will help keep the *Ground Anchor* (A) in place while the concrete cures. Periodically re-check the level of the *Ground Anchor* (A) in both directions as you add more concrete. See Figures 2 & 3.

**Warning**
**If the *Ground Anchor* (A) top plate is not exactly level in all directions and square to the court when concrete is cured, the *Backboard* (X) and *Rim* (CC) will not be able to be leveled and the *Backboard* (X) will not be square to the court.**

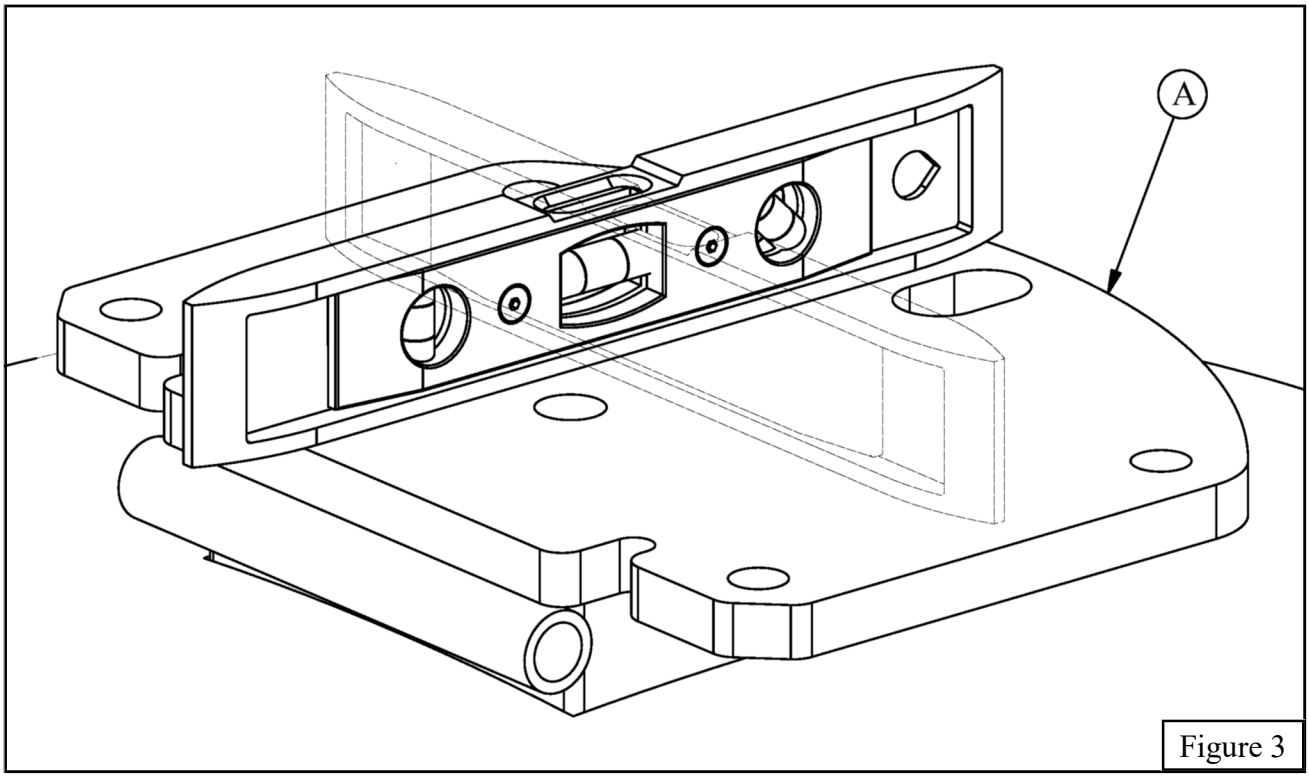


Figure 3

**Important!**
**Allow at least 4 days for concrete to cure before proceeding.**

7. Remove the plugs from the threaded holes in the *Ground Anchor* (A). Unpack the *Pole* (B) and *Crank* (E). Align the hinge tabs on the *Pole* (B) with the hinge tube on the *Ground Anchor* (A). Insert the *1/2" X 6 1/2" Hex Bolt* (I) through the hinge tabs. Install the *1/2"-13 Deformed Lock Nut* (J) and tighten it before backing off 1/2 turn or until *Pole* (B) can swivel on the *Ground Anchor* (A). See Figure 4.

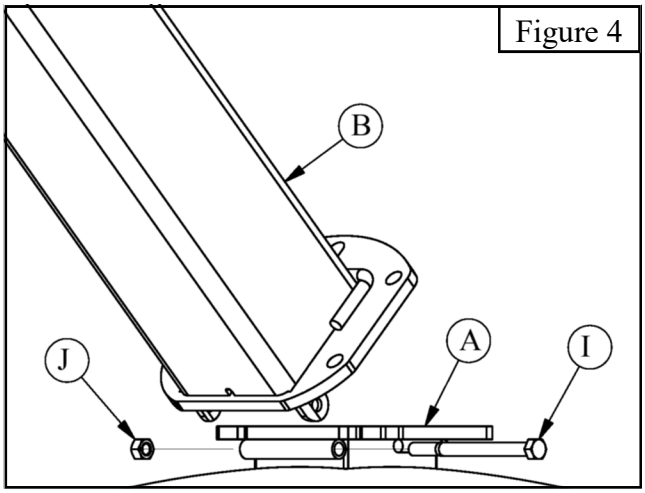


Figure 4

8. Lift *Pole* (B) to approximately 45° and install the *3/4" X 7" Hex Bolt* (K) through the slot in the back of the *Pole* (B) bottom plate and then through the slot in the back of the *Ground Anchor* (A) top plate. Hand tighten a *3/4"Hex Nut* (L) onto the *3/4" X 7" Hex Bolt* (K). Make sure to tighten the *3/4" Hex Nut* (L) onto the *3/4" X 7" Hex Bolt* (K) until you see threads on the other side of the nut. See Figures 5 & 6.

**Important!**
**The *3/4" X 7" Hex Bolt* (K) and *3/4" Hex Nut* (L) MUST remain in place until *Pole* (B) is raised and bolted to the *Ground Anchor* (A) top plate.**

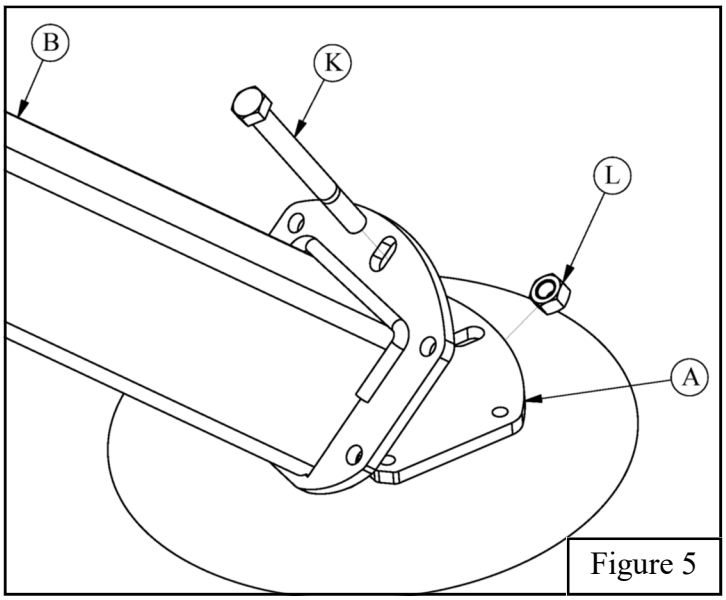


Figure 5

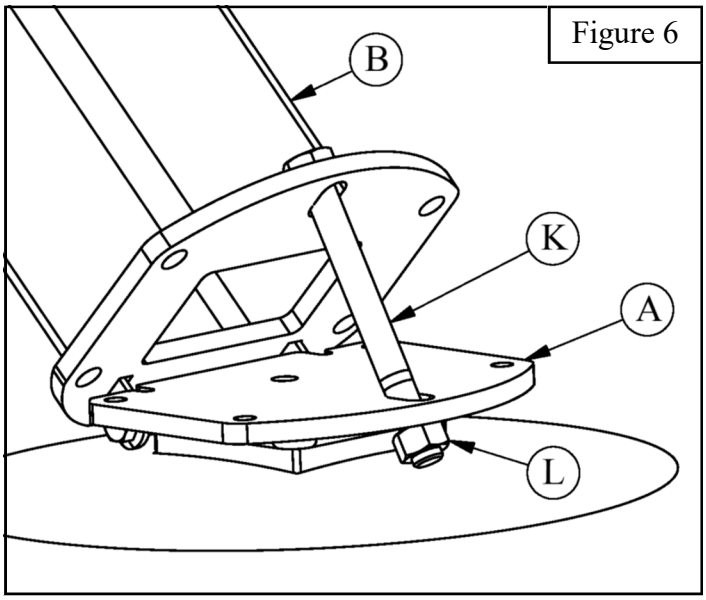


Figure 6

9. Prior to proceeding to instruction #10 swing the *Pole* (B) to the vertical position and confirm that the four *5/8" X 1 1/2" Hex Bolts* (R) will thread into the threaded holes in the *Ground Anchor* (A). See Figure 16.

10. Lift the *Lower Arm* (C) over the top of the *Pole* (B). Align the holes in the *Lower Arm* (C) with the lower holes in the *Pole* (B). Attach the *Lower Arm* (C) to the *Pole* (B) with a *5/8" X 12" Hex Bolt* (O) and a *5/8" Lock Nut* (P). Tighten then back off 1/2 turn. *Lower Arm* (C) must pivot freely. See Figure 7.

11. Attach the *Crank* (E) to the *Pole* (B) using a *5/8" X 5" Hex Bolt* (Q) and *5/8" Lock Nut* (P). Attach the other end of the *Crank* (E) to the *Lower Arm* (C) with a *5/8" X 12" Hex Bolt* (O) and *5/8" Lock Nut* (P). The *Crank* (E) may need to be extended to align the bolt holes. Tighten hardware snug against *Lower Arm* (C) and the tabs on the *Pole* (B), then back off 1/2 turn. See Figure 8.

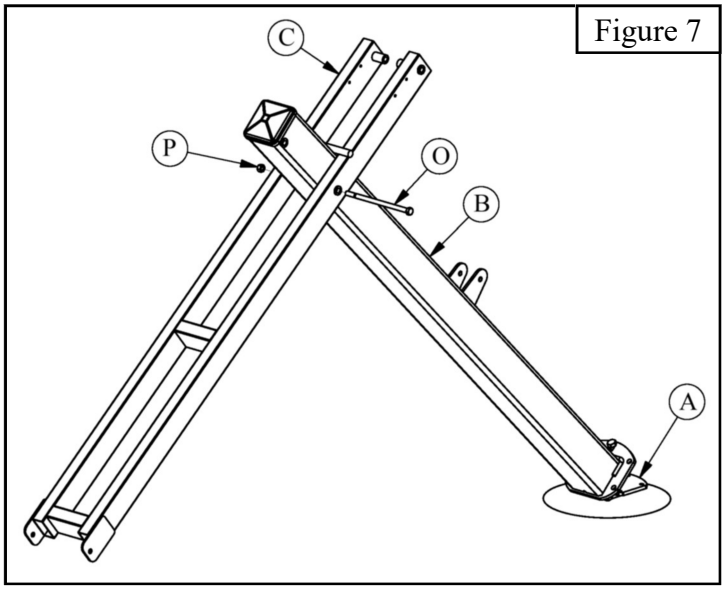


Figure 7

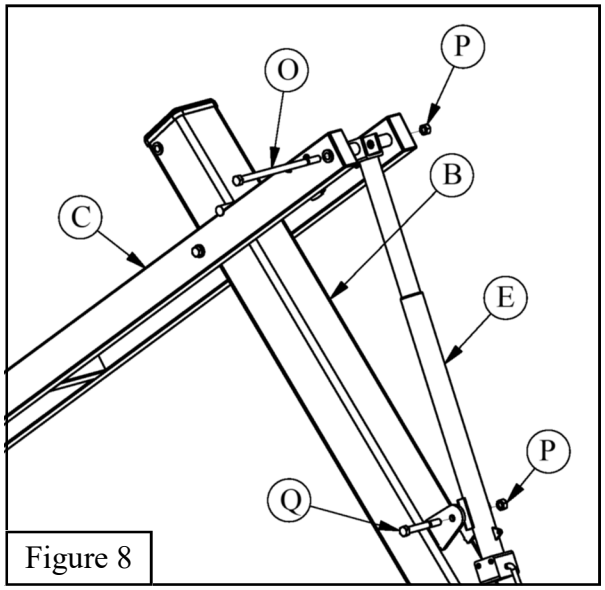


Figure 8

12. Attach *Upper Arms* (D) to the *Pole* (B) using a *5/8" X 11" Hex Bolt* (N) and *5/8" Lock Nut* (P). Tighten hardware then back off 1/2 turn. This is a pivot point, do not over tighten. See Figure 9.

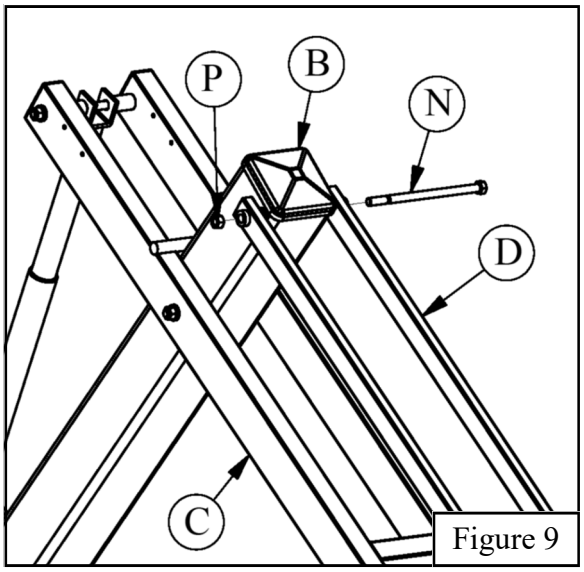


Figure 9

| Package | Backboard | Required H-Frame |
|---|---|---|
| HT6072G & PR98GHT | BA42GHT | HT6HFRAME2 |
| PR98UHT | BA42UHT | HT6HFRAME2 |
| HT6060G | BA487 | HT5HFRAME2 |
| HT6060GSM | BA487SM | HT5HFRAME2 |
| PR98UHTJR | BA487U | HT5HFRAME2 |
| PR98SHT | BA47U | PR98SHTBKT2 (hardware packed with frame) |
| PR98SXLHT | BA472 | PR98SHTBKT2 (hardware packed with frame) |

13. Review the table above to determine which instructions to follow for assembly of the *Backboard* (X) that comes with your system.

# HT5HFRAME2

**FOR THE FOLLOWING PACKAGES:**

HT6060G, HT6060GS, PR98UHTJR, PR98GHTJR, OL6060HT, OL6060HTS

1. Use the *5/16" X 1" Machine Screws* (Z), *5/16" Lock Washers* (AA) and *5/16" Hex Nuts* (BB) to install *Backboard H-Frame* (Y) into *Backboard* (X). See Figure 10.

2. Once *Backboard* (X) is assembled refer to instruction 12 to complete system assembly.

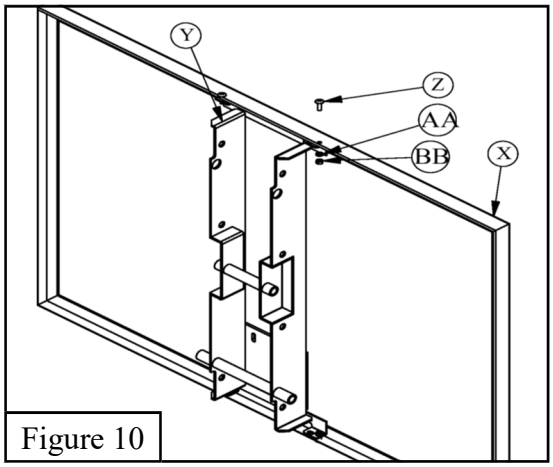


Figure 10

# HT6HFRAME2

**FOR THE FOLLOWING PACKAGES:** HT6072G, PR98GHT, PR98UHT, OL6072HT

1. Use the *5/16" X 1" Machine Screws* (Z), *5/16" Lock Washers* (AA) and *5/16" Hex Nuts* (BB) to install *Backboard H-Frame* (Y) to *Backboard* (X). See Figure 11.

2. Once *Backboard* (X) is assembled refer to instruction 12 to complete system assembly.

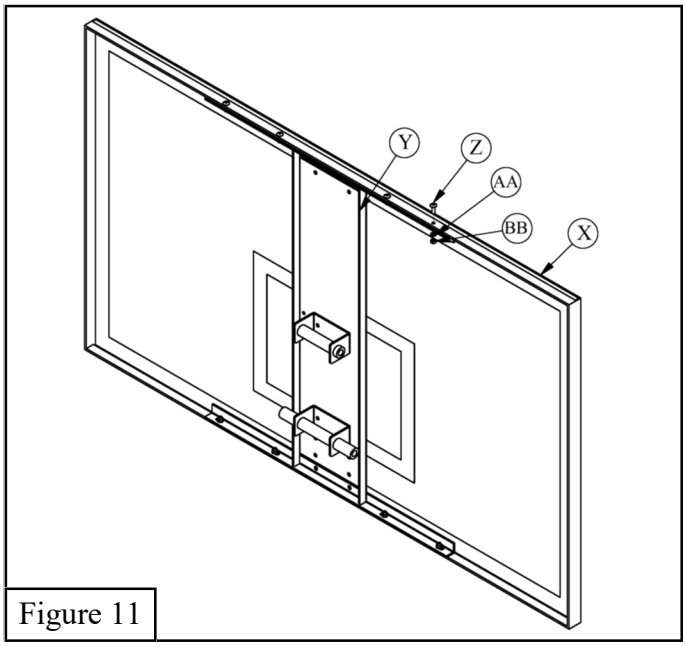


Figure 11

# PR98SHTBKT2

**FOR THE FOLLOWING PACKAGES:** PR98SHT, PR98SXLHT

| PARTS LIST | | | | | |
|---|---|---|---|---|---|
| **Packaged with H-Frame | | | | | |
| **Item** | **Qty** | **Description** | **Item** | **Qty** | **Description** |
| 1 | 2 | 7/16" X 1 1/2" Carriage Bolt** | 5 | 4 | 3/8" X 1 1/2" Hex Bolt** |
| 2 | 2 | 7/16" Flat Washer ** | 6 | 8 | 3/8" Flat Washer (packaged with rim hardware) |
| 3 | 2 | 7/16" Lock Washer** | 7 | 4 | 3/8" Lock Washer (packaged with rim hardware) |
| 4 | 2 | 7/16" Hex Nut** | 8 | 4 | 3/8" Hex Nut (packaged with rim hardware) |

1. Use *5/8" X 12" Hex Bolt* (O), *5/8" X 11" Hex Bolt* (N), and *5/8" Lock Nuts* (P) to attach *Backboard H-Frame* (Y) to *Lower Arm* (C) and *Upper Arms* (D). Do not overtighten hardware, make sure the *Lower Arm* (C) and *Upper Arms* (D) pivot and adjust up and down freely. See Figure 12.

2. Hang *Backboard* (X) over the top lip of *Backboard H-Frame* (Y). Use *7/16" X 1 1/2" Carriage Bolts* (1), *7/16" Flat Washers* (2), *7/16" Lock Washers* (3) and *7/16" Hex Nuts* (4) in the top two holes of *Backboard* (X) and *Backboard H-Frame* (Y). Hand tighten hardware at this time. See Figure 12.

3. Use *3/8" X 1 1/2" Hex Bolts* (5), *3/8" Flat Washers* (6), *3/8" Lock Washers* (7) and *3/8" Hex Nuts* (8) to install *Rim* (CC). Hand tighten hardware at this time. See Figure 12.

4. Level *Backboard* (X) and *Rim* (CC). Tighten all hardware.

5. Refer to instruction 14 to complete system assembly.

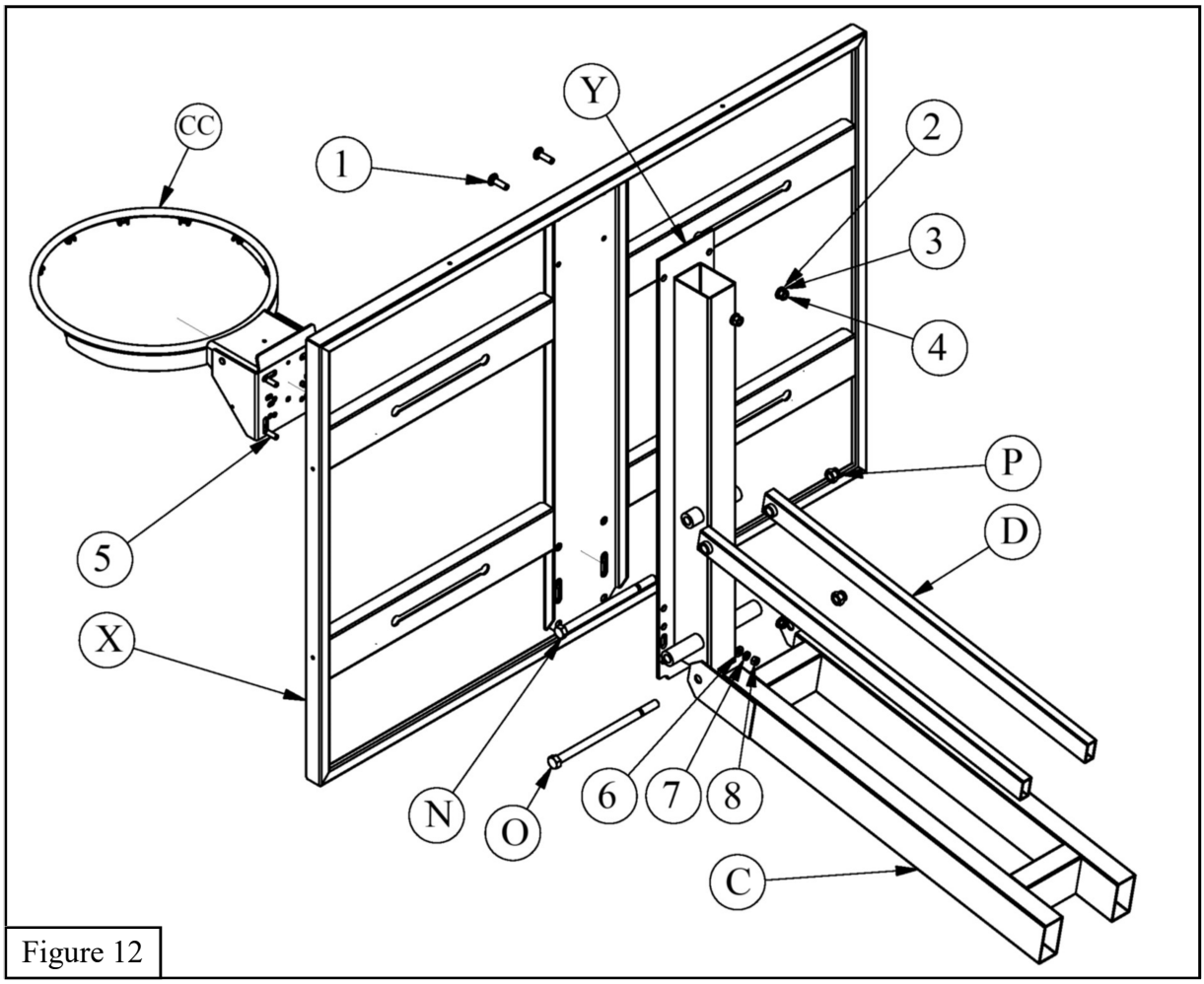



Figure 12

14. Lift the assembled *Backboard* (X) and *H-Frame* (Y) up and align it with the bolt holes in the *Lower Arm* (C). Using a *5/8" X 12" Hex Bolt* (O) and *5/8" Lock Nut* (P) attach the *Backboard* (X) to the *Lower Arm* (C). Tilt the *Backboard* (X) up and attach it to the *Upper Arms* (D) with a *5/8" X 11" Hex Bolt* (N) and *5/8" Lock Nut* (P). Tighten and then back off 1/2 turn. See Figure 13

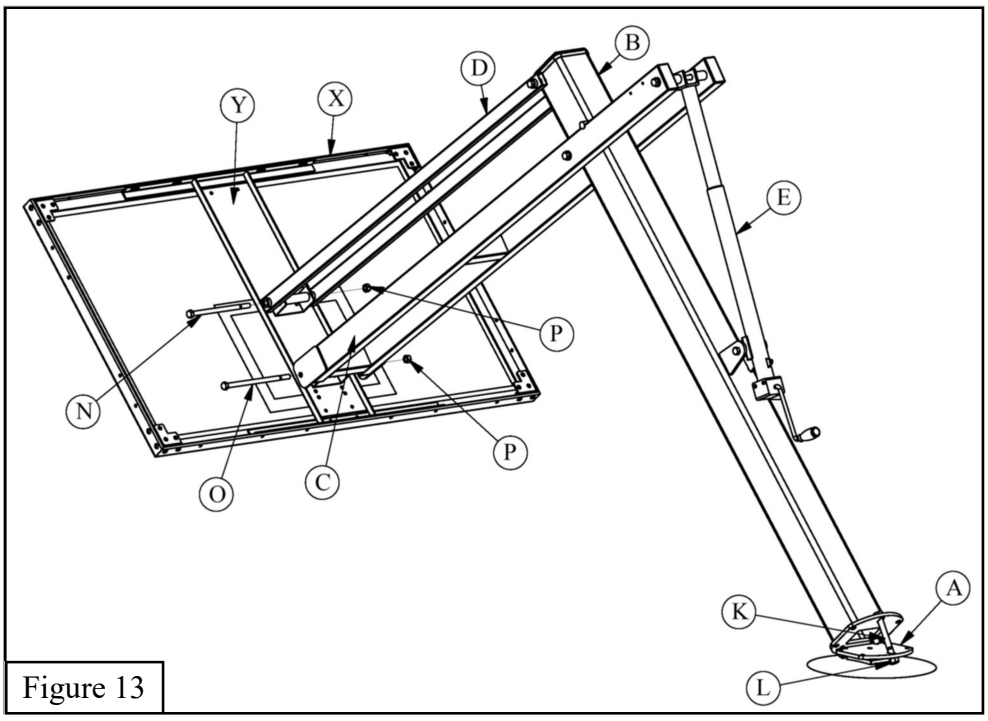



Figure 13

15. Install the *Rim* (CC) using the hardware and instructions provided with the *Rim* (CC). Install Net.

16. Locate the four *5/8" X 1 1/2" Hex Bolts* (R) and *5/8" Lock Washers* (S). Prepare them by having the *5/8" Lock Washers* (S) installed and placed by the *Ground Anchor* (A).

17. Using at least 3-4 people, carefully lift on the backboard to raise the assembly to a vertical position. Fasten the *Pole* (B) to the *Ground Anchor* (A) using the *5/8" X 1 1/2" Hex Bolts* (R) and *5/8" Lock Washers* (S). Start with 2 in the rear bolt holes. Then install the other 2 in the front bolt holes. Finger tighten the four *5/8" X 1 1/2" Hex Bolts* (R). Remove the *3/4" X 7" Hex Bolt* (K) and *3/4" Hex Nut* (L) from the rear slot and replace it with a *3/4" X 2" Hex Bolt* (T), *3/4" Flat Washers* (M), and *3/4" Hex Nut* (L). Fully tighten the four *5/8" X 1 1/2" Hex Bolts* (R) as well as the *3/4" X 2" Hex Bolt* (T) and *3/4" Hex Nut* (L). See Figures 15 & 16.

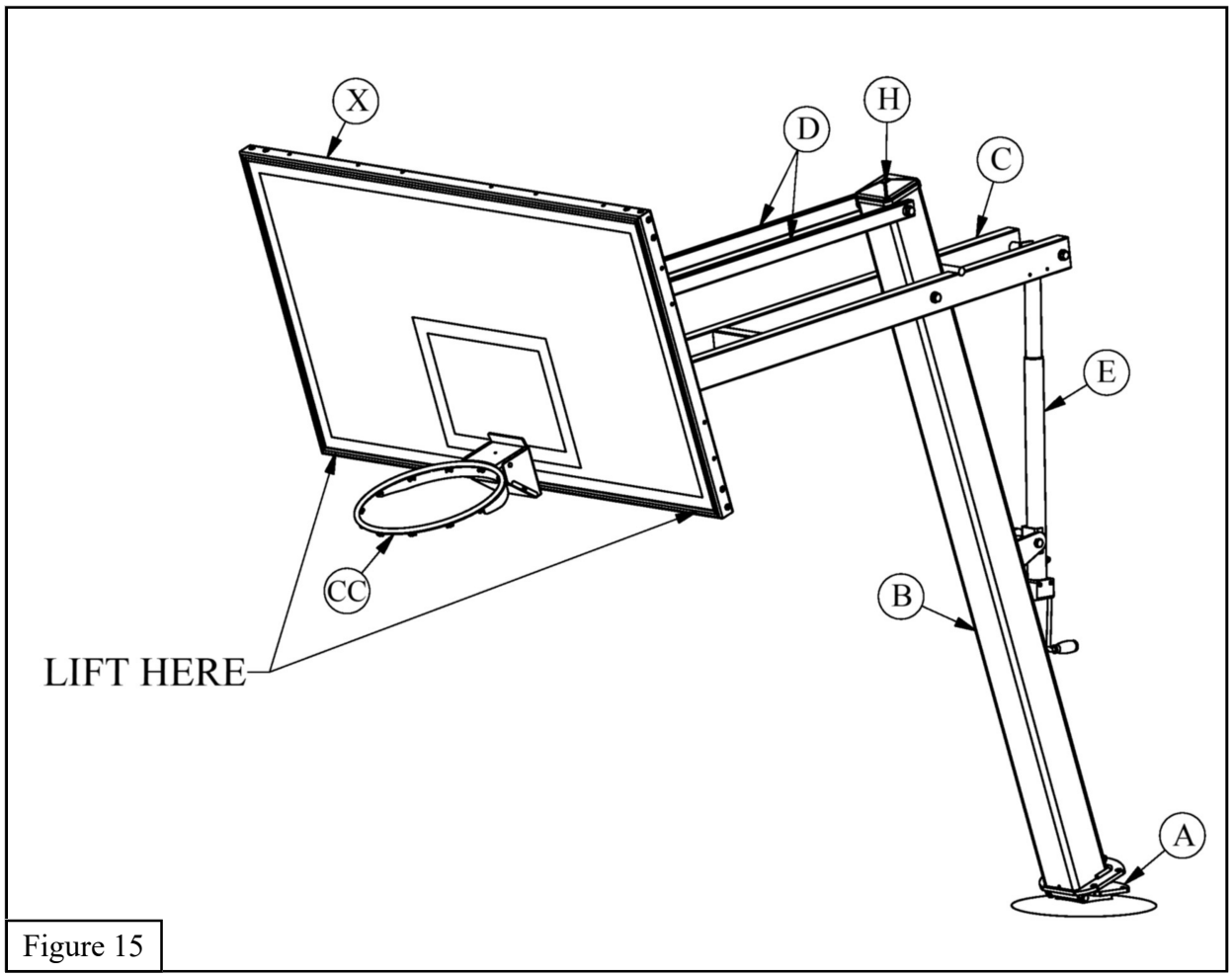



Figure 15

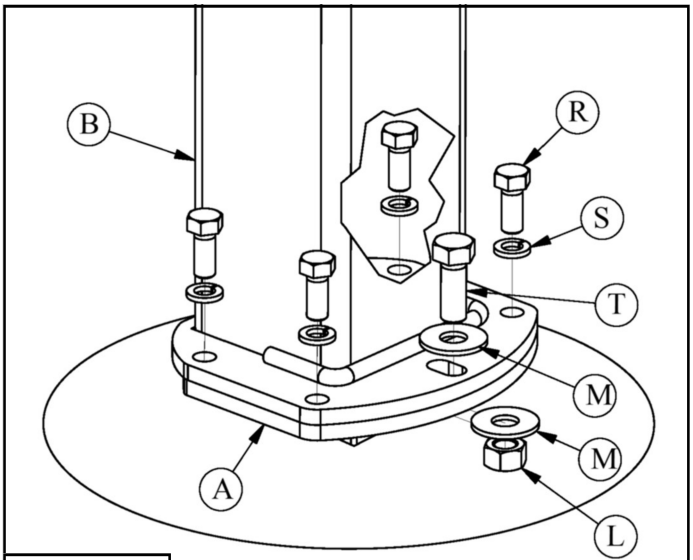


Figure 16

18. Attach *Height Gauge* (F) to the *Lower Arm* (C) with a *1/4" X 2 1/2" Hex Bolt* (V) and *1/4"Hex Nut* (W) in the back mounting hole. Slide the *Pointer* (G) onto a *1/4"-20 X 3"Hex Bolt* (U) then install one *1/4" Hex Nut* (W) against the *Pointer* (G) with just enough slack to let the *Pointer* (G) rotate freely on the *1/4"-20 X 3" Hex Bolt* (U). Pass this assembly through the front mounting hole in the *Lower Arm* (C) and tighten with the remaining *1/4" Hex Nut* (W). You must tighten the *1/4" Hex Nuts* (W) against each other to lock this assembly in place, if you tighten the *1/4"-20 X 3" Hex Bolt* (U) you will also tighten the assembly against the *Pointer* (G). The *Pointer* (G) must rotate freely on the *1/4"-20 X 3" Hex Bolt* (U) once installed to accurately indicate your systems height. Leave the *Height Gauge* (F) hardware loose. See Figure 17.

Figure 17

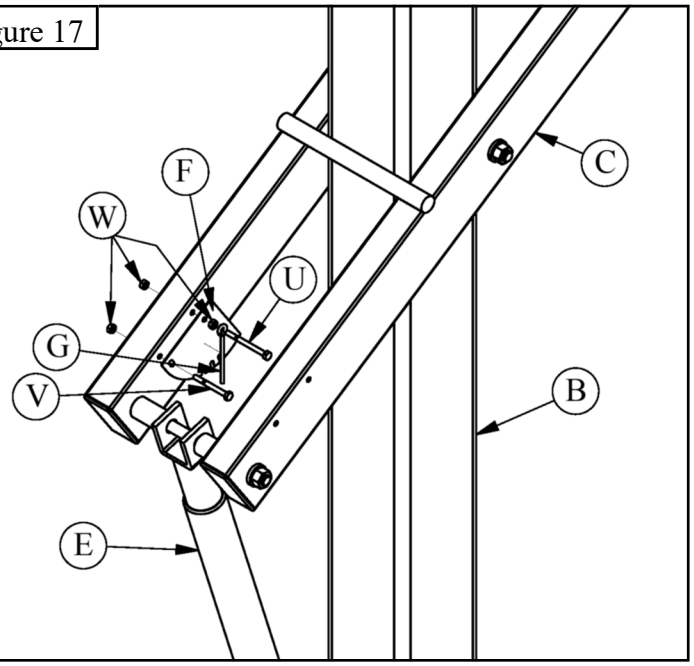



Figure 18

19. Crank the system up so the Rim (CC) is at 10', use a tape measure to assure the rim is at 10'. Adjust the *Height Gauge (F)* by rotating it so that it reads 10' then tighten the *Height Gauge* (F) hardware. Fill holes on the other side of the Lower Arm (C) with the *1/4" X 2 1/2" Hex Bolts* (V) and *1/4" Hex Nuts* (W). See Figure 18.

20. Install *Pole Pad* (DD) & *Backboard Padding* (EE) if applicable per the instructions included with them.