—— Installation and Safe Use Manual ——

MODELS PR74, PR75, PR75XL, PR76, PR77, PR77XL, PR78, PR79, PR79XL, PR87, PR87XL, BA780 AND BA780XL POLES ORDERED SEPARATELY

Mega Duty Gooseneck Basketball Systems

Customer Service
(800) 247-7668

PARTS LIST

Item	Qty	Description	Item	Qty	Description
A	1	Gooseneck Pole	L	2	7/16” Hex Nut
B	1	Backboard Mounting Adapter	M	2	Backboard Brace
C	3	Band Clamp	N	2	1/2” Square Head Set Screw
D	2	7/16” x 2” Carriage Bolt	O	2	1/2” Jam Nut
E	2	3/8” x 1” Hex Bolt	P	1	Backboard
F	2	3/8” Flat Washer	Q	1	Rim and Net
G	2	3/8” Lock Washer	R	1	1/4” x 1” Roll Pin
H	3	5/16” x 2” Carriage Bolt	S	TBD	Quick Dry Concrete (supplied by costumer)
I	3	5/16” Flange Nut	T	1	Pole Pad (optional)
J	2	7/16” Flat Washer	U	1	Backboard Conversion Plate (only required on some systems)
K	2	7/16” Lock Washer			

- Inspect all contents prior to installation. Report any missing parts to dealer immediately.
- Read all instructions before proceeding.
- Save this instruction in the event that the manufacturer must be contacted in the future.

WARNING!
IMPROPER INSTALLATION, MAINTENANCE OR USE MAY CAUSE FAILURE AND SERIOUS PERSONAL INJURY.

1. Call your local utility locator service, usually by dialing 811, before digging to avoid serious injury or service interruption.

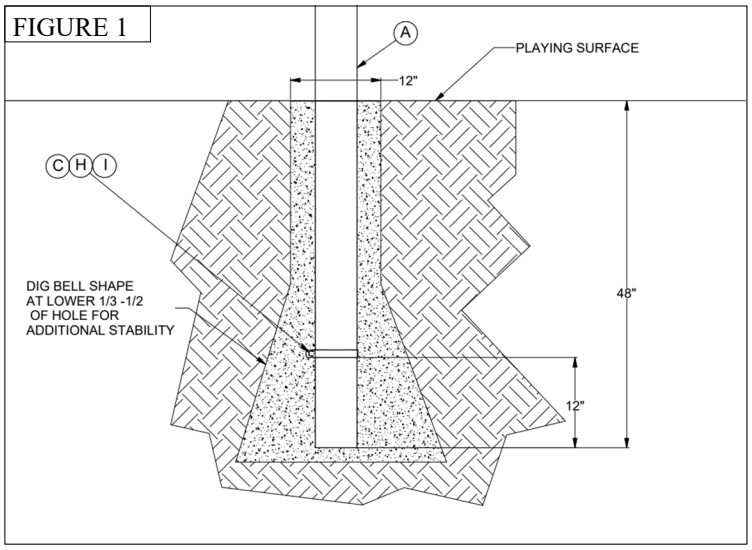
2. Select the location for the concrete base footing. Note that the face of the *Backboard* (P) will be distanced from the center of the footing according to information in Figure 12. Dig a 12” diameter hole that is 48” deep, remove additional soil from the bottom 1/3 - 1/2 of the hole in a bell shape to add pole stability. In areas where the normal frost line is below 48” it is advisable to dig to the normal frost line. See Figure 1.

3. Make sure that you have a level and a broomstick or similar pole to vibrate air pockets out of concrete. A 12” diameter by 48” deep hole with a bell bottom will require approximately 5 cubic ft. of *Quick Dry Concrete* (S). You will need to adjust the amount depending on the size of hole you prepared. Having too much is better than having too little.

4. Mix concrete according to the directions on the bag. It is advantageous to have the mixture “wet”. This will increase your working time and allow batches to mix in the hole. Pour the hole full to ground level.

5. Attach one *Band Clamp* (C) with *5/16" x 2" Carriage Bolt* (H), and *5/16" Flange Nut* (I) approximately 12" from the bottom end of pole and insert pole into concrete while vibrating concrete to allow it to surround the pole completely. The horizontal extension section of the pole should be parallel to the playing surface, perpendicular to the intended court end line and the lower surface of the horizontal portion of the tube should be 9' 6" (except PR78, which should measure 9' 6 1/2") above the playing surface. You will need to brace the pole to maintain this dimension to insure the rim height will be at official 10'. See Figure 11.

FIGURE 1

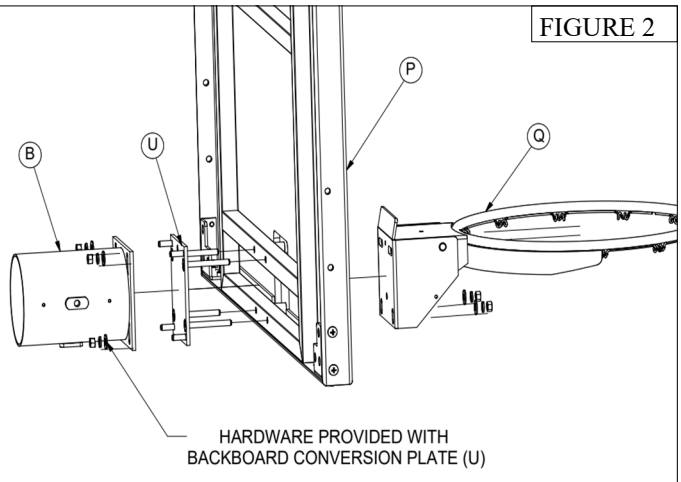


6. Trowel the top of the concrete smooth and clean any excess off the *Gooseneck Pole* (A). **Allow the footing to cure for at least 48 hours.** Do not proceed any further until concrete is completely cured.

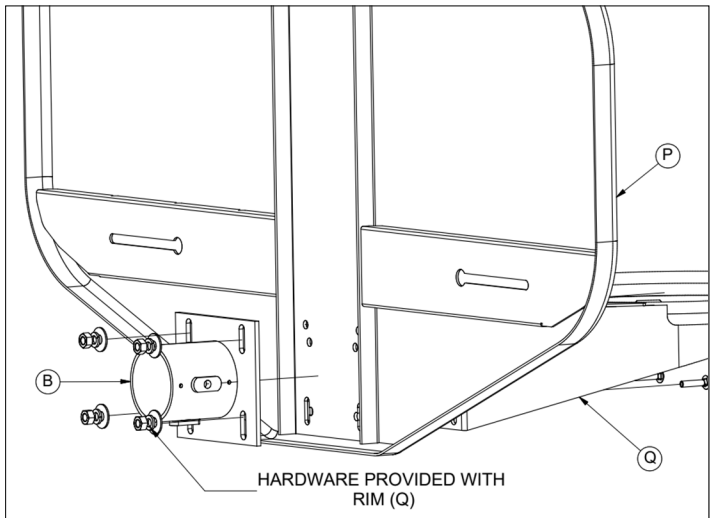
7a. On systems PR74, PR78, PR79, PR79XL, PR87 and PR87XL, assemble *Backboard Conversion Plate* (U), *Backboard Mounting Adapter* (B), *Backboard* (P) and the *Rim* (Q) using the hardware provided with the *Backboard Conversion Plate* (U). See Figure 2.

7b. On systems PR75, PR75XL, PR76, PR77, and PR77XL, assemble *Rim* (Q), *Backboard* (P) and *Backboard Mounting Adapter* (B) using the hardware provided with the *Rim* (Q). See Figure 3.

FIGURE 2



ON SYSTEMS PR74, PR78, PR79, PR79XL, PR87, PR87XL.

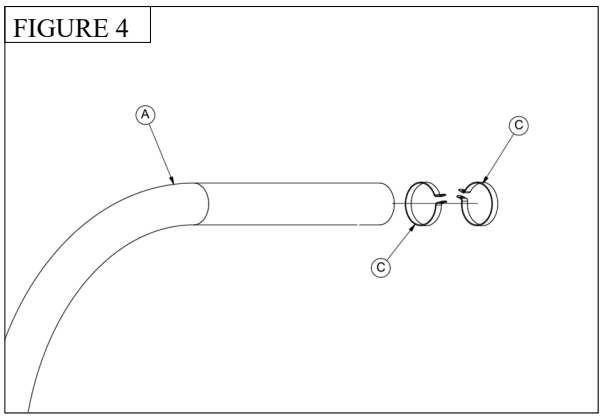


ON SYSTEMS PR76, PR77, PR77XL, PR75, PR75XL

FIGURE 3

8. Slide two *Band Clamps* (C) onto the horizontal portion of the *Gooseneck Pole* (A). See Figure 4.

FIGURE 4



9. Place the assembly from 7a or 7b above on to the end of the pole. It is easiest to place the assembly onto the end of the pole upside down and then rotate 180° before installing and tensioning the *1/2" Square Head Set Screws* (N). Confirm that the *Rim* (Q) and *Backboard* (P) are level. Tighten the *1/2" Square Head Set Screws* (N) against the *Gooseneck Pole* (A), then tighten the *1/2" Jam Nuts* (O) to lock the *1/2" Square Head Set Screws* (N) See Figure 5 and Figure 6.

FIGURE 5

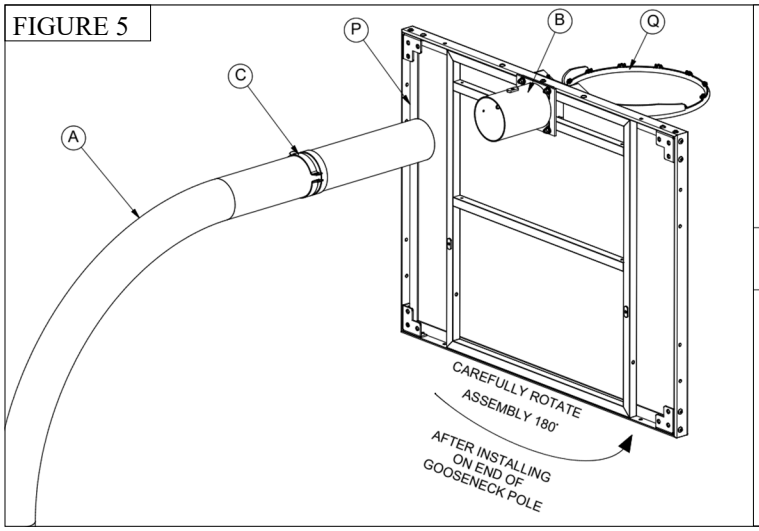
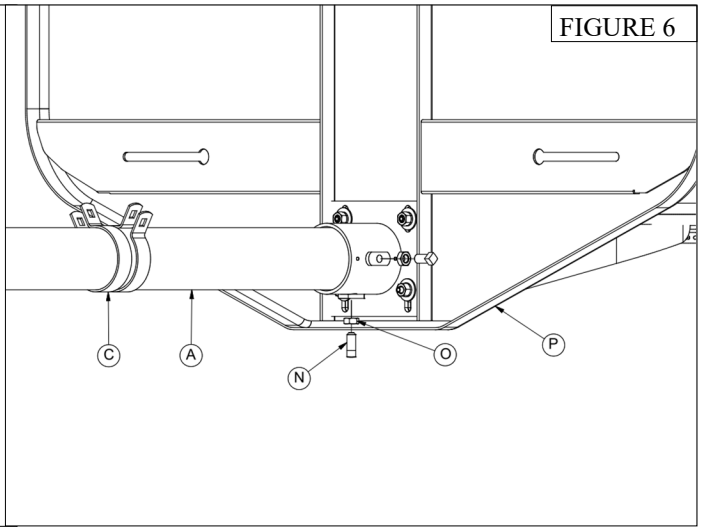


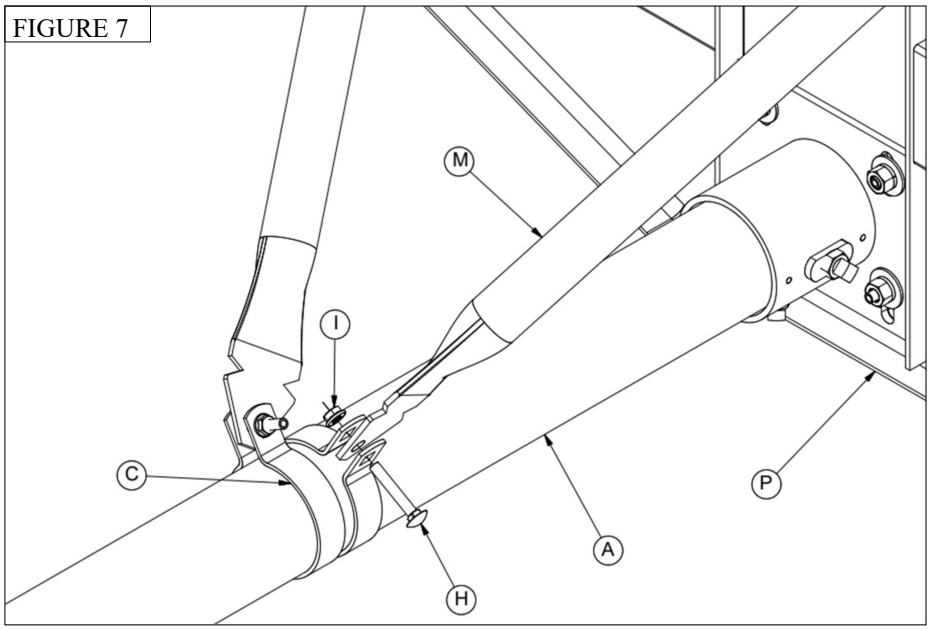
FIGURE 6



10. The *Backboard Braces* (M) will get attached to the *Band Clamps* (C) on one end, and the *Backboard* (P) on the other end. The tabs on the end of the *Backboard Braces* (M) will need to be bent to match the angles necessary to mount the *Backboard Braces* (M) to the *Backboard* (P) and *Band Clamp* (C) depending on the *Backboard* (P) that is part of your system. This can easily be accomplished in a number of ways including contacting each end on a concrete surface.

11. Attach the one end of each *Backboard Brace* (M) to one of the two *Band Clamps* (C) using *5/16" Carriage Bolts* (H) and *5/16" Flange Nuts* (I). See Figure 7.

FIGURE 7



12a. If you are installing PR75 or PR75XL system with a BA475SS Backboard, use *3/8" x 1" Hex Bolts* (E), *3/8" Flat Washers* (F), and *3/8" Lock Washers* (G) to attach the other end of the *Backboard Braces* (M) to the threaded holes in the rear of the *Backboard* (P). See Figure 8.

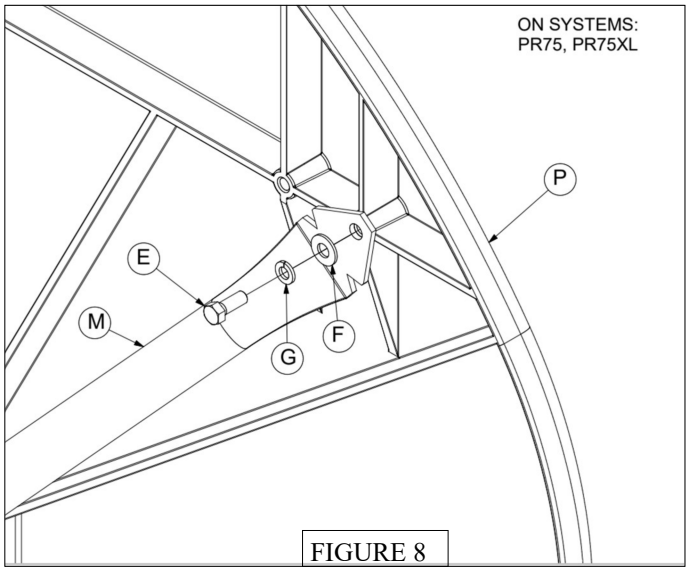
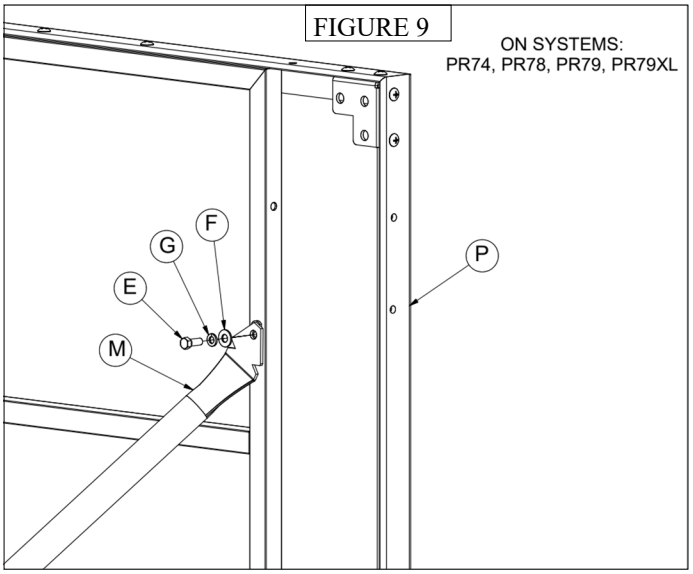


FIGURE 8

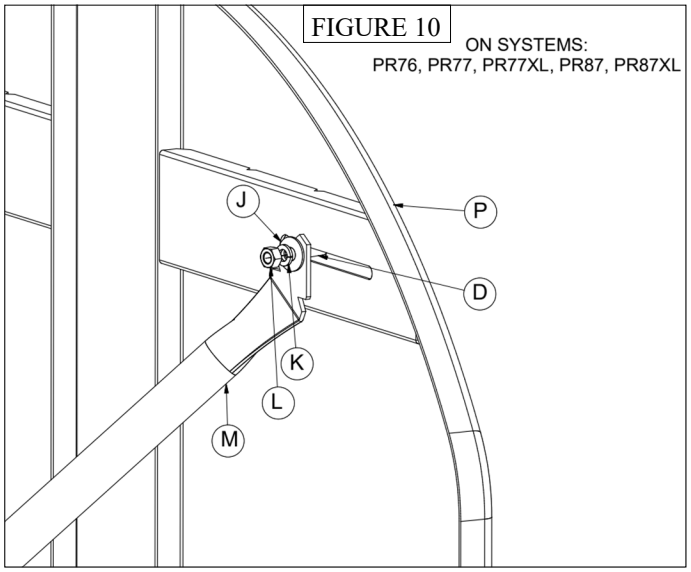
12b. If you are installing a PR74, PR78, PR79, or PR79XL with a BA42UC, BA407U, or BA472PC *Backboard (P)* use *3/8" x 1" Hex Bolts* (E), *3/8" Flat Washer* (F), and *3/8" Lock Washer* (G) to attach the other end of the *Backboard Brace* (M) to the threaded holes in the rear of the *Backboard* (P). See Figure 9.

FIGURE 9



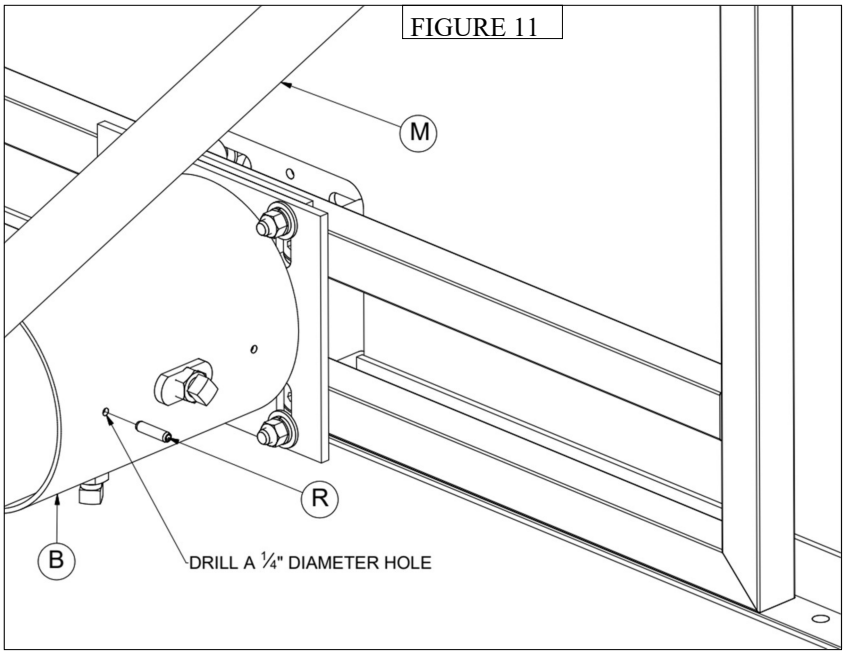
12c. If you are installing a PR76, PR77, PR77XL,PR87, or PR87XL, with BA495, BA47 or BA472 *Backboard* (P) use *7/16" x 2" Carriage Bolts* (D), *7/16" Hex Nuts* (L), *7/16" Flat washers* (J), and *7/16" Lock Washers* (K) to attach the other end of the *Backboard Braces* (M) to the *Backboard* (P). See Figure 10.

FIGURE 10



13. When *Backboard* (P) and *Rim* (Q) are level, drill 1/4" diameter hole into *Gooseneck Pole* (A) using the pilot hole into the *Backboard Mounting Adaptor* (B) as guide. Insert *1/4" x 1" Roll Pin* (R) with a hammer to reduce risk of rotation or movement. See Figure11.

FIGURE 11



14. Attach *Net* (Q) and Optional *Pole Pad* (T) or Backboard padding if applicable.

15. System is ready for play.

FIGURE 12