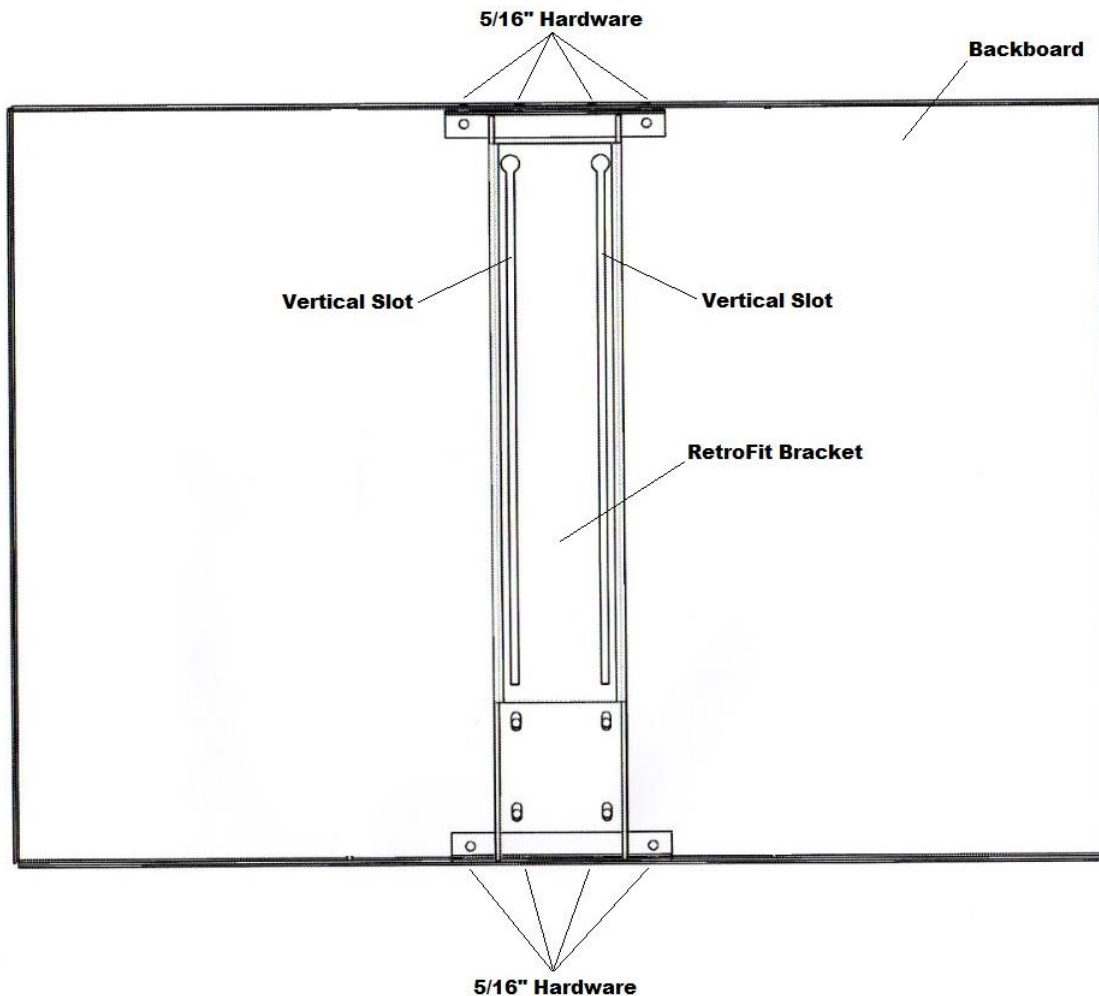


# ***First Team, Inc.***

## **RETROFIT36**

### **Assembly Instructions**

#### **FIGURE A**



#### **Bill of Materials**

**A (1) RetroFit36 H-Frame Bracket**  
**B (8) 5/16" x 1" Round Machine Screw**  
**C (8) 5/16" Flatwasher**  
**D (8) 5/16" Lockwasher**  
**E (8) 5/16" Hex Nut**

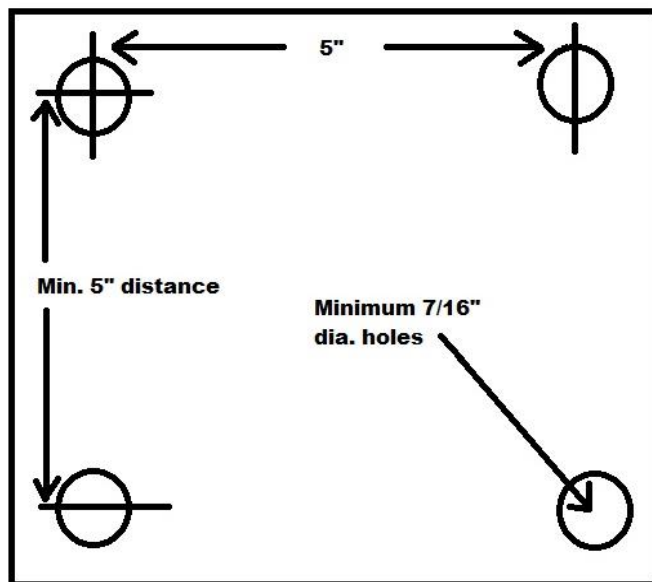
**F (4) 3/8"x 1 1/2" Carriage Bolt**  
**G (4) 3/8" Flatwasher**  
**H (4) 3/8" Lockwasher**  
**I (4) 3/8" Hex Nut**

**\*Note: Immediately unpack components and cross check with bill of materials. Report any shortages to First Team customer service at 1-888-884-6677.**

1. Your RetroFit36 H-Frame Backboard Support is designed to allow most First Team (36" tall) backboards to be hung on virtually any existing basketball post having a minimum 6"x6" mounting plate at the end of the post's extension arm.
2. Unpack and lay backboard face down on flat surface.
3. Next, assemble the H-Frame backboard mounting to the backboard as shown in Figure A. Use the (8) 5/16" machine screws, flatwashers, lockwashers and hex nuts. Insert the machine screws with the heads of the screws on the OUTSIDE of the backboard frame. Use the flatwashers, lockwashers and hex nuts to fasten the screws. If your backboard is **tempered glass**, check to make sure all four steel grommets are located at the rim holes, if any are missing check in the box. If grommets are missing and cannot be located, DO NOT proceed with assembly, call First Team immediately. If your backboard is **acrylic** you must remove and discard the plastic shipping block from the backboard joint to complete this step. Additionally, if you purchased an acrylic backboard you should have received two rubber gaskets enclosed with the backboard. Place one gasket between the H-Frame backboard mount and the backside of the backboard. You will use the other gasket later during assembly. Rubber gaskets are necessary for acrylic boards only.
4. Next, check the plate attached to the end of the extension arm on your basketball post. The plate must have four 7/16" diameter holes spaced exactly 5" apart horizontally and at least 5" apart vertically. If your mounting plate does not, you will need to drill holes in your plate before proceeding. (see Figure B)
5. Insert (1) 3/8"x1 1/2" carriage bolt into each of the four mounting holes in the plate at the end of your existing extension arm. Insert the bolts so the round heads on the carriage bolts are facing the basketball court. Loosely secure with (1) 3/8" flatwasher, lockwasher and hex nut on the back side of the mounting plate.
6. The RetroFit36 backboard mount has two vertical attachment slots with large round openings at the top of the slot (see Figure A). These large round openings are designed to allow the heads of the carriage bolts to slide into the slots. Raise the H-Frame/Backboard assembly into position allowing all four carriage bolts to engage the vertical slots on the H-Frame. Raise H-Frame/Backboard assembly until the top rim bolt holes in the backboard are approximately 9' 11" above the playing surface. Tighten all four 3/8" hex nuts.

7. Mount the rim to the Backboard/H-Frame assembly using the hardware supplied in the rim box. If you purchased an acrylic backboard make sure to place the second rubber gasket (included with backboard) between the face of the backboard and the backplate of the rim. Trim gasket if necessary. Use a level to make sure rim is level side to side relative to backboard before tightening nuts. **DO NOT OVERTIGHTEN NUTS!** If the lockwasher is fully compressed, it's tight enough. Attach coverplate to rim and hang net.
8. Finally, check rim height for 10'. If raising or lowering is necessary, loosen the (4) 3/8" hex nuts on the (4) carriage bolts and adjust as needed until rim is at 10' and backboard is level. Tighten nuts.

**FIGURE B**



**If the plate at the end of your extension arm does not have the above minimum specs, you will need to drill appropriate holes.**