

The Toughest Basketball System on the Planet.

MODEL NO. B4001W **GS72 BASKETBALL SYSTEM** 

# **OWNER'S MANUAL**

- 1. Read this manual carefully before starting assembly. Read each step completely before beginning each step.
- 2. Some smaller parts may be shipped inside larger parts. Check inside all parts and cartons before assembling or ordering parts.
- 3. To make assembly of your basketball system easier, use the Hardware Identifier on page 3 and 4 to identify and sort all fasteners. Check all cartons for kits. All hardware is not located in one kit.
- 4. Do not tighten hardware until instructed to do so. If hardware is tightened too soon, mounting holes may not align and parts may not easily fit together. Leave locknuts slightly loose until you are instructed to tighten them.
- **5.** An electric screwdriver is helpful in assembly. However, please **set at low torque and use caution** because you could overtighten the hardware and strip the screws.
- 6. Save this instruction and your proof of purchase (receipt) in the event that the manufacturer has to be contacted for replacement parts.

## Please Do Not Return This Product To The Store!

Contact Escalade<sup>®</sup> Sports customer service department at:

Phone: 1-888-USA-GOAL Toll Free ! Fax: 1-866-873-3536 Toll Free ! E-mail: basketball@escaladesports.com Mailing Address: Escalade Sports PO Box 889 Evansville, IN 47706



Please visit our website at: www.Goalrilla.com

**ON-LINE TROUBLE SHOOTING** 

TECHNICAL ASSISTANCE

**ON-LINE PARTS REQUESTS** 

FREQUENTLY ASKED QUESTIONS

ADDITIONAL ESCALADE® SPORTS PRODUCT INFORMATION



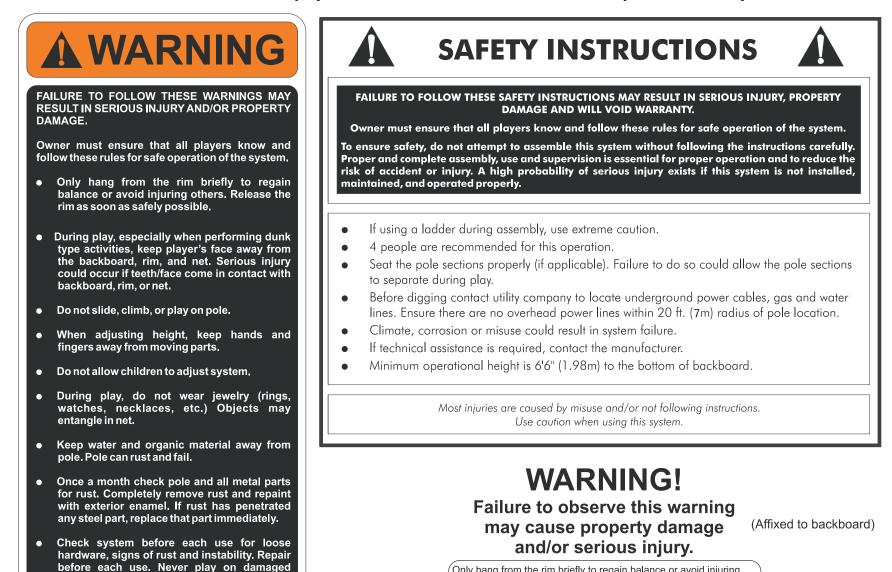
2L-7212-06

Escalade® Sports products may be manufactured and/or licensed under the following patents. 6419596, 6179733, 5919102, 5071120, 4798381, 4424968, D326128 Additional patents may be pending. One or more of the listed patents and/or pending patents may cover specific product.



## FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.

Owner must ensure that all players know and follow these rules for safe operation of the system.



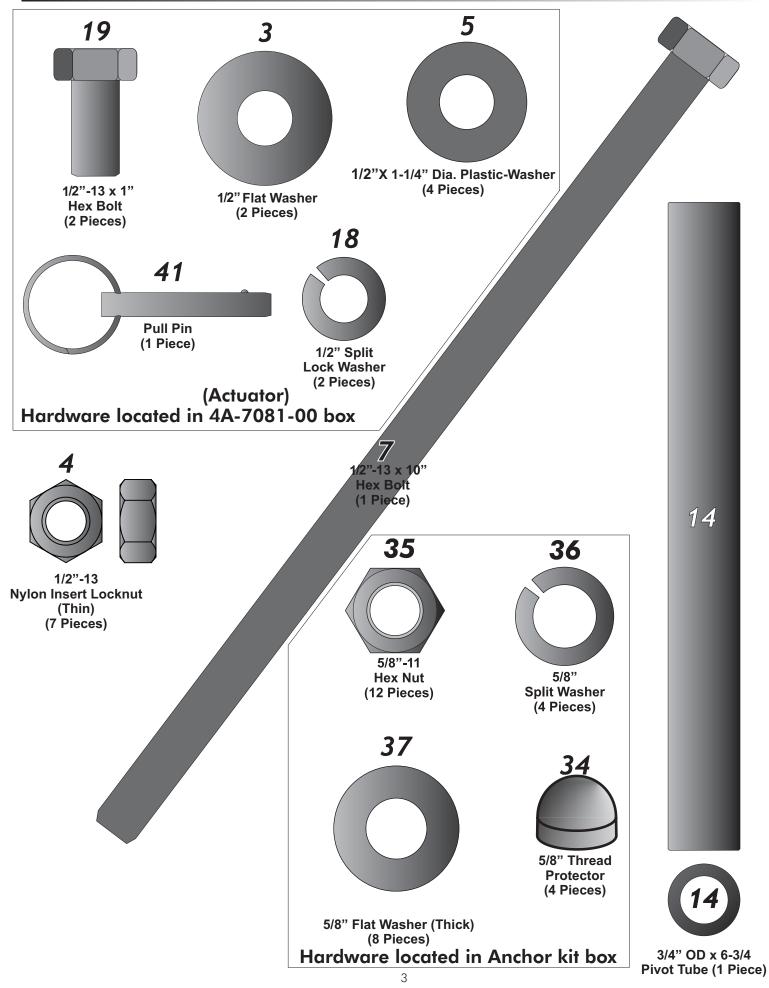
Only hang from the rim briefly to regain balance or avoid injuring others. Release the rim as soon as safely possible. Rim height adjustments should be made under parental supervision. Wear a mouth guard when playing to avoid dental injuries. During play, do not wear jewelry (rings, watches, necklaces, etc). (Objects may entangle in net.

equipment.

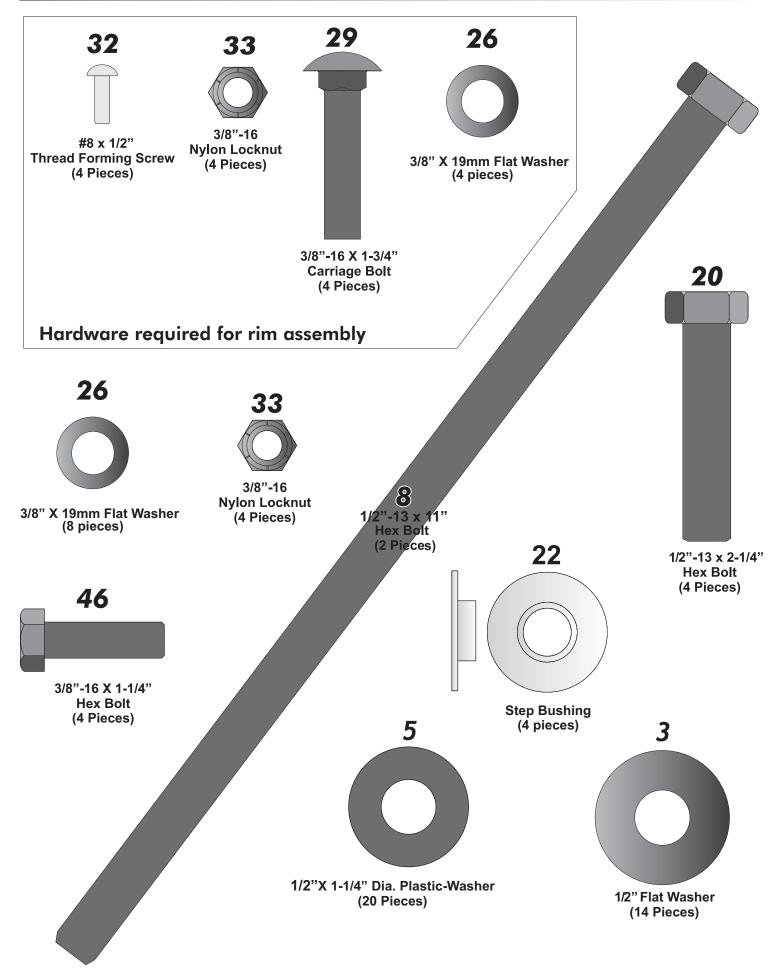
dental injuries.

• Wear a mouthguard when playing to avoid

### HARDWARE IDENTIFIER



## HARDWARE IDENTIFIER



## **INSTALLATION TIMELINE**

- 1. Prior to anchor system and goal assembly, call utility services for location of underground utility lines before you dig.
- 2. Vertical main post assembly is a two part process.

#### PART 1

- Complete Anchor System Installation Instructions. Day 5. Day 1. (Below)
- PART 2
- Complete Goalrilla<sup>™</sup> assembly instructions. (Requires four adults)

Day 2-4. Allow concrete to cure.

## **ANCHOR SYSTEM INSTALLATION INSTRUCTIONS (Day 1)**

1 - level

**18 INCH** 

MINIMUM

REAR

CLEARANCE

# WARNING

Before digging hole for anchor system, check for buried power, gas, water, and telecommunication lines! Failure to do so could result in serious or fatal injury! Contact your local utility company if unsure.

#### Items needed for Anchor Installation (not included)

- 11 80 lb. bags of concrete (2-3 extra recommended) 1 wheel barrow
- 1 post hole digger (optional)
- 1 15/16" open end wrench
- 1 15/16" socket and ratchet (optional)
- concrete form (see note after step 2)

#### Note: For best results with less vibration, anchor system should be independent of court. If pouring concrete for both at same time, add an expansion joint in between.

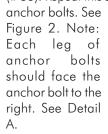
#### Note: When digging hole, if you hit rock and cannot dig through contact a contractor.

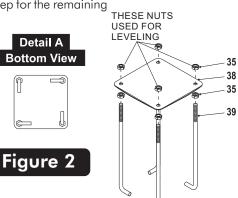
1. Determine the location of the anchor system. The proper location is as close to the court without making contact, as shown in Figure 1. This, however, is a general rule. If you need to locate the anchor system in a location other than this, use the following dimensions as a quide.

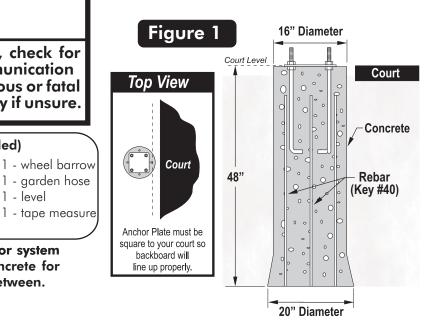
Overhang when adjusted to 10 ft. =31 1/2''- OVERHANG

#### Note: Minimum of 18" rear clearance is required behind pole.

2. Assemble anchor system as follows: Thread nut (#35) to bottom of threads on anchor bolt (#39) insert threads of anchor bolt (#39) through hole on anchor plate (#38) and secure with nut (#35). Repeat this step for the remaining







Note: Using a concrete form for the top 4" of the concrete is recommended. Cardboard forms can be purchased at some hardware and home stores or a wooden form can be constructed out of 2 x 4's.

Note: Failure to dig and fill hole as instructed will result in increased system vibration.

\*Tip: It is always a good idea to purchase one or two extra bags of concrete, just in case you need them. If extra bags are not used you can return them to the store.

- 3. Mix and pour concrete into hole. Follow instructions on concrete bag. Stop about 18" below court level.
- Insert four reinforcement bars (Key #40) into concrete 8" 4. apart creating a square in center on hole.
- 5. Place form in desired location and finish pouring concrete up to court level.
- Push anchor system into concrete and agitate to work out 6. voids in concrete. Immediately use a level to level and square anchor plate to playing surface. Clean off any concrete that may be on exposed threads.

Note: The bottom four nuts will be forever embedded in concrete. The top four nuts remain on bolts and are used for leveling. (See Step 11 on page 9)

Let concrete cure for a MINIMUM of 72 hours.

## GOALRILLA<sup>™</sup> ASSEMBLY INSTRUCTIONS (Day 5)

#### TOOLS REQUIRED FOR THE FOLLOWING STEPS

- 1 15/16" open end wrench
- 1 15/16" socket and ratchet (optional) 1 Tape Measure
- 1 9/16" Deep Well Socket & Ratchet
- 1 3/4" Socket & Ratchet
- 1 3/4" Open end Wrench
- Phillips Screwdriver
- 1 Set of Padded Saw horses
  - 1 Ladder

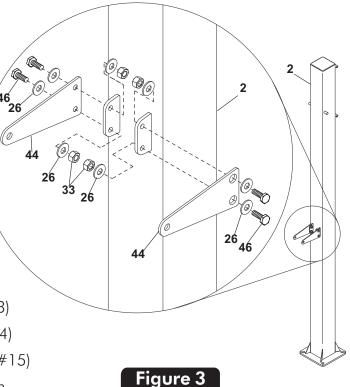
1 - Rubber Mallet

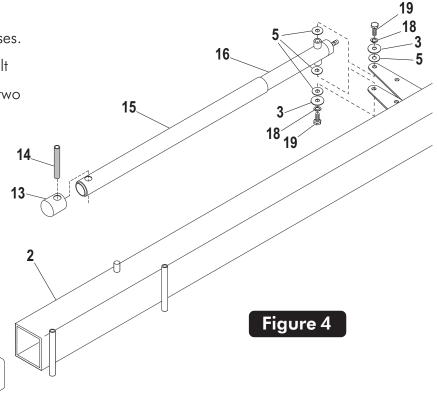
1 - Level

- **1.** Attach Post Brackets (#44) to outside of brackets on back of Post Assembly (#2). Secure with two Hex Head Bolts (#46), four Wide Flat Head Washers (#26) and two Locknuts (#33) in each Bracket (#44). See Figure 3.
- 2. If not already pre-assembled, slide Plastic Actuator Sleeve (#15) over Steel Actuator (#16) and place Actuator Cap (#13) on top. Align holes in all 3 parts and slide Pivot Tube (#14) through holes in Actuator Cap (#13) Plastic Actuator Sleeve (#15) and Steel Actuator (#16) until equal amounts stick out through both sides of actuator. See Figure 4.

#### NOTE: It may be necessary to use a rubber mallet tap in Pivot Tube. to

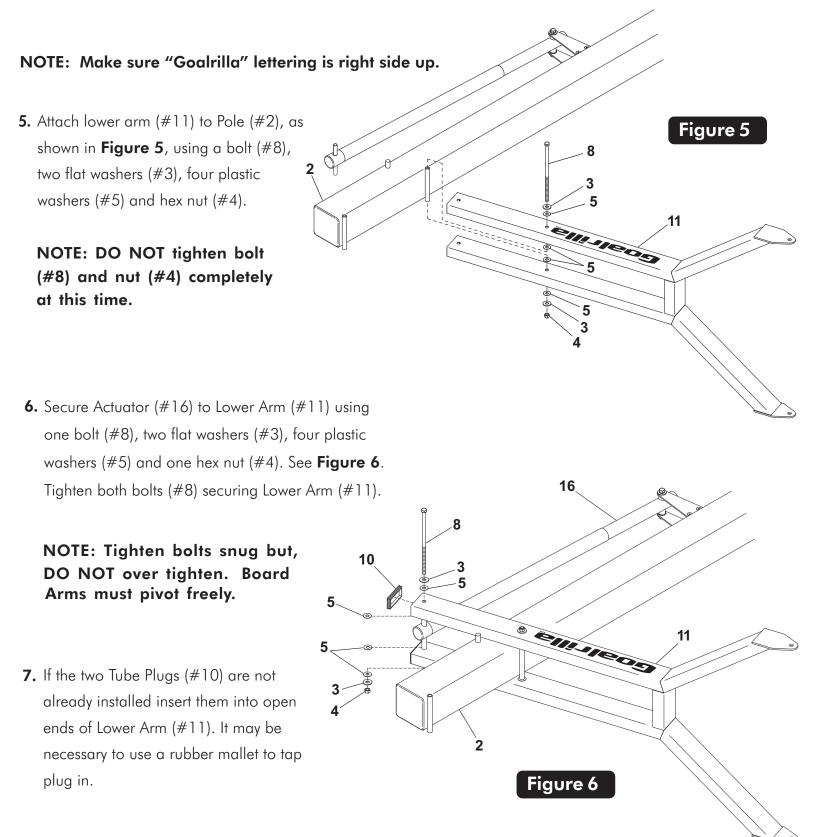
- **3.** Lay Pole (#2) on its side on two padded saw horses. Secure Actuator (#16) to Pole (#2) using one bolt (#19), split lockwasher (#18), washer (#3) and two plastic washers (#5) to thread into each side of Actuator. See Figure 4. Tighten bolts tight.
- **4.** If not already pre-assembled, insert Pole Cap (#1) into top of Pole (#2). It may be necessary to use a rubber mallet to tap cap in. See Figure 4.





NOTE: It is important for the installer to understand the necessity of the Plastic Washers (#5) provided. These washers adequately space painted parts at all pivot points. Neglecting the use of these washers will result in rusted parts.

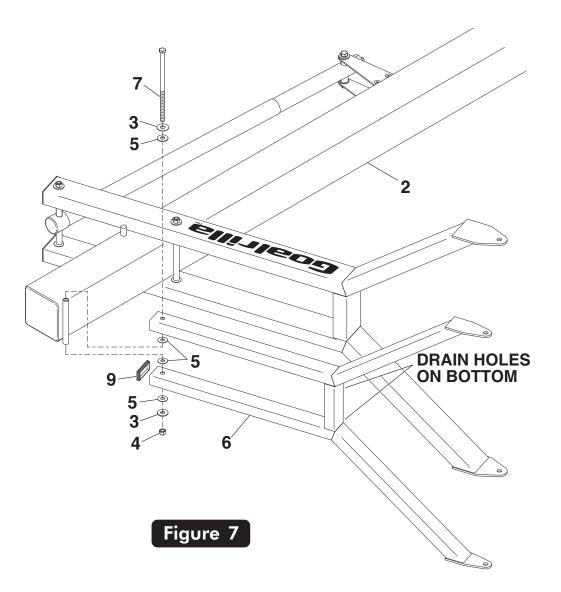
NOTE: All board arms are made of rectangular tubing. Tightening hardware too tight may damage tubing and make adjustment of system difficult.



8. Attach Upper Arm (#6) to Pole (#2), as shown in Figure 7, using a bolt (#7), two flat washers (#3), four plastic washers (#5) and hex nut (#4).

Note: Tighten bolts snug but, do not over tighten. Board Arms must pivot freely.

**9.** If the two Tube Plugs (#9) are not already installed insert them into open ends of Upper Arm (#6). It may be necessary to use a rubber mallet to tap plug in.



10. Locate hardware needed to mount pole to anchor bolts. You will need, eight flat washers

(#37), four lock washers (#36), four hex nuts (#35) and four thread protectors (#34).

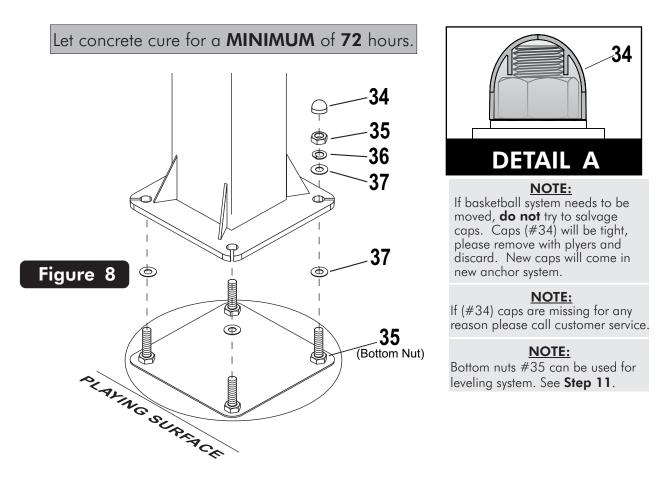
NOTE: Do not remove the nuts #35 you installed in step 2 (pg. 5).



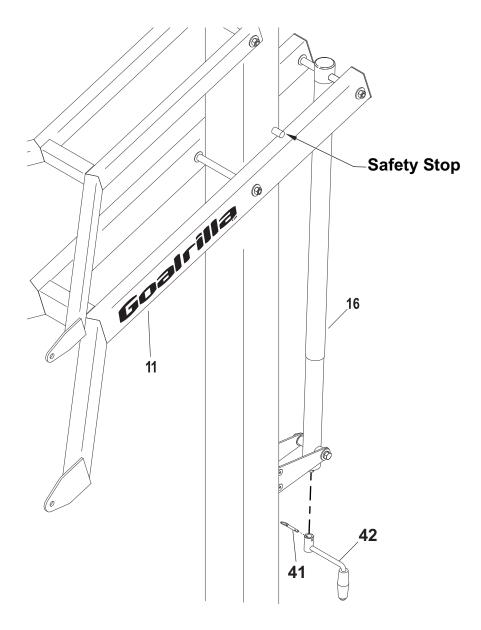
11. Put a flat washer (#37) on each anchor bolt. Lift post onto anchor system and secure with one flatwasher (#37), one lock washer (#36) and one hex nut (#35) for each anchor bolt. Tighten Fasteners finger tight, leave loose enough to level pole. Place a level on pole and adjust bottom nuts #35 until pole is level (left to right and front to back).

Tighten top four hex nuts #35 tight. See Figure 8.

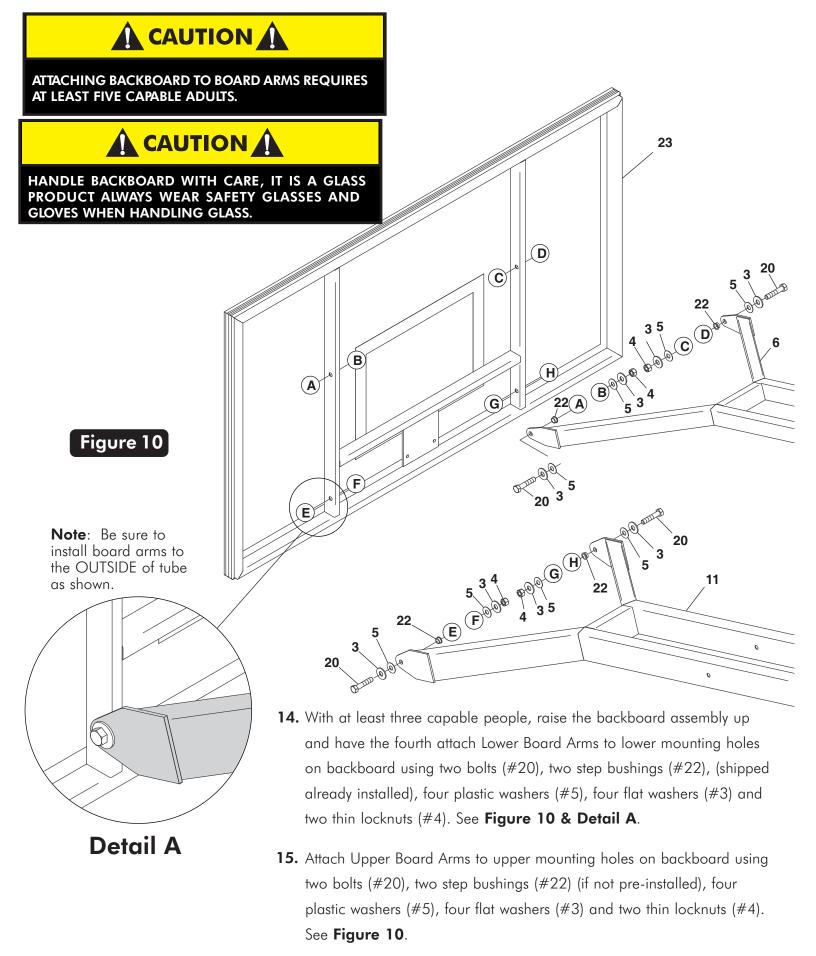
 Push on Thread Protector Cap (#34) until it is securely in place. Cap may be tight, push hard but DO NOT hit with a hammer! See Figure 8 and Detail A.



- **13.** Slide Actuator Handle (#42) onto shaft on the back of Actuator (#16). Line up hole in shaft with hole in Actuator Handle and insert Pull Pin (#41) to secure.
- **14.** To aid in the assembly of the backboard lower the lower board arm (#11), by turning the Actuator Crank, until the lower arm makes contact with the Safety Stop.





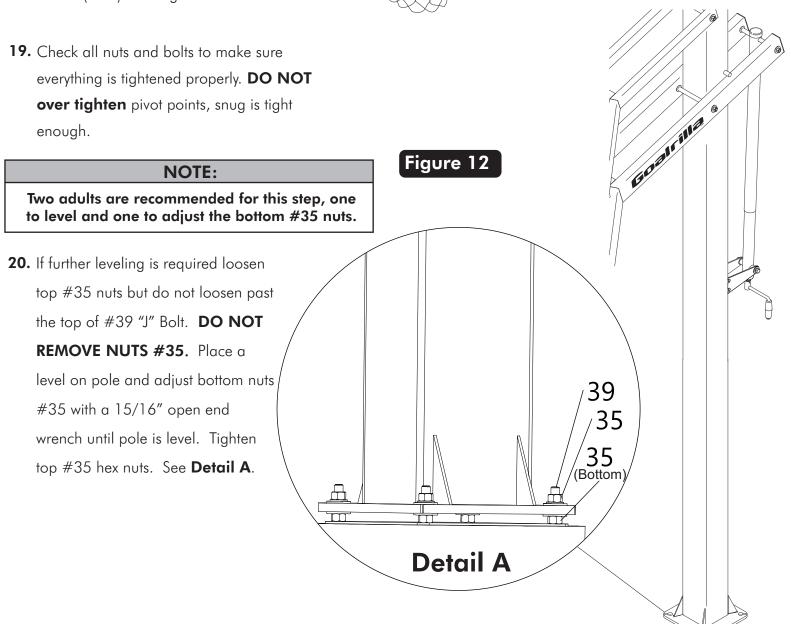


#### NOTE: DO NOT over tighten these bolts. This is a pivot point. Snug is tight enough.

- 16. Mount Goal Assembly (#28) to Backboard, as shown inFigure 11, using four bolts (#29), four washers (#26), and four locknuts (#33). Tighten fasteners, but leave them loose enough to level rim.
- Place a level across rim assembly and adjust rim until it is level. Finish tightening the four nuts (#33).

## **CAUTION** NEVER USE RIM WITH COVERPLATE REMOVED!

 Attach Rim Cover Plate (#31) using four screws (#32). See Figure 11.



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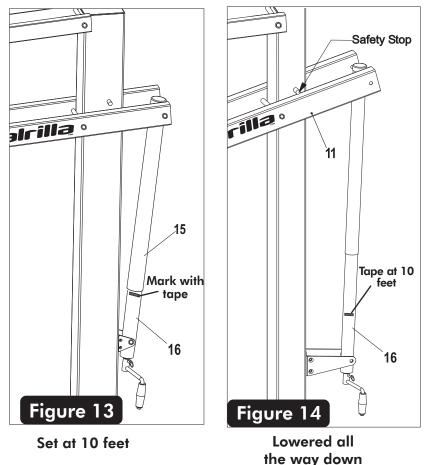
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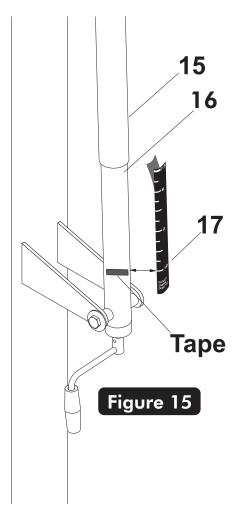
33 26

23

Figure 11

- **21.** Raise Backboard to 10 FT. regulation playing height. Measure from top of rim straight down to the playing surface.
- 22. Using tape mark the <u>side</u> of the steel actuator (#16) just under the plastic actuator sleeve (#15) at this 10 ft rim height. See Figure 13.
- 23. Lower backboard all the way down. Do not force actuator once backboard is in it's lowest position.See Figure 14.





- 24. Do not remove adhesive backing from height decal (#17) yet. Carefully place height decal on backside of steel actuator (#16) and line up the 10 ft mark on the tape with the 10 ft mark on the height decal. Decal should fit correctly onto the backside of the steel actuator. (If not , simply trim to fit the top of the actuator decal).
- 25. Remove the adhesive backing from the Height Decal (#17). Next, carefully align and stick decal to backside of steel actuator (#16) starting at the 10 ft mark first. Be sure to keep the height decal straight and rub out all air bubbles. See Figure 15.

## CARE AND MAINTENANCE

#### BACKBOARD CARE AND MAINTENANCE

Items needed to clean backboard:

• 100% cotton soft cloth, (only) • Glass cleaner

Clean backboard using only a **100% Cotton** soft cloth and glass cleaner Clean glass as you would clean household windows. Strong cleansers will damage backboard and void warranty

#### RIM

Only hang from the rim briefly to regain balance or avoid injuring others. Release the rim as soon as safely possible. Rims are not warranted for any defects other than workmanship. The back plates, damaged springs, bent rings, damaged eye bolts, and torn or distorted rim supports result from hanging on the rim and are not warranted.

The goal should not be cranked over 10'. Adjustments of the goal should be done under adult supervision.

When attempting slam dunk activity you should always wear a mouth guard to avoid dental injury

#### MAINTENANCE

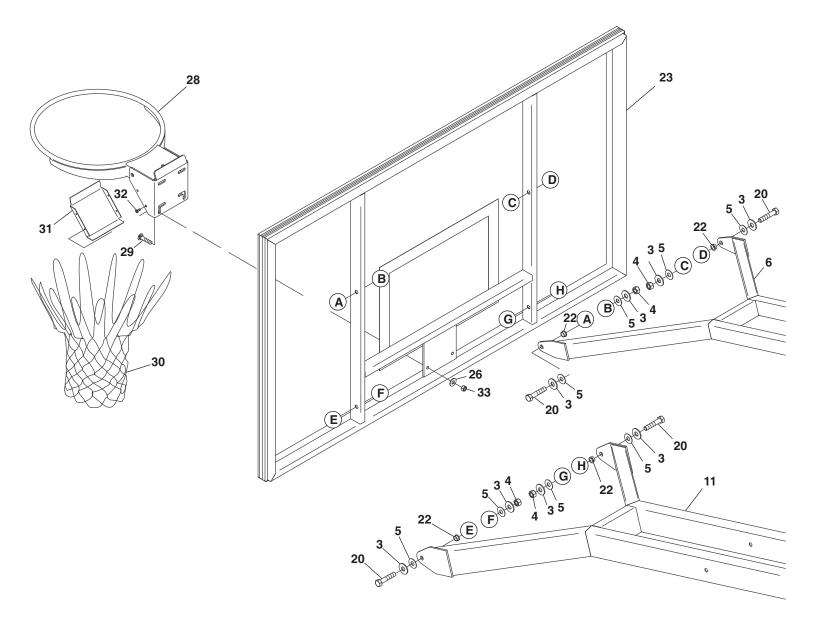
To ensure ease of operation, lubricate all pivot points at least every 6 months or as needed with a good lubricant such as WD-40.

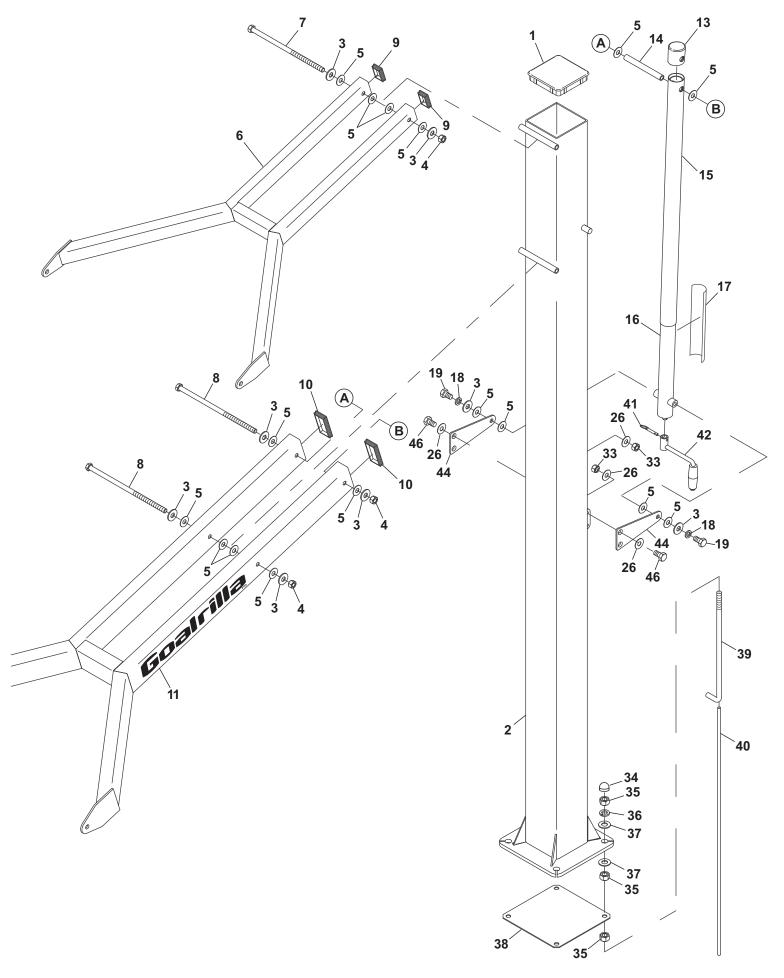
#### RUST

Inspect your pole periodically, if rust should appear, remove loose paint, sand lightly, primer and paint with exterior flat matte finish enamel paint.

| Key | # Part #   | Description                        | Qty. | Keya | # Part #   | Description                     | Qty. |
|-----|------------|------------------------------------|------|------|------------|---------------------------------|------|
| 1   | 3M-6838-00 | 6" X 6" Tube Plug                  | 1    | 25   | Not Used   |                                 |      |
| 2   | 1A-7643-01 | Post Assembly                      | 1    | 26   | 2B-6289-10 | 3/8 Flat Washer                 | 12   |
| 3   | 2B-6093-10 | 1/2 Flat Washer                    | 16   | 27   | Not Used   |                                 |      |
| 4   | 2B-6242-10 | 1/2-13 Nylon Insert Locknut (Thin) | 7    | 28   | 6A-6329-02 | Goal Assembly                   | 1    |
| 5   | 3M-6245-01 | 1/2 X 1 1/4 Dia. Plastic Washer    | 24   | 29   | 1B-6782-10 | 3/8-16 X 1 3/4 Carriage Bolt    | 4    |
| 6   | 1A-7641-00 | Upper Board Arm                    | 1    | 30   | 3F-6010-00 | Net                             | 1    |
| 7   | 1B-6222-10 | 1/2-13 X 10 Hex Bolt - Grade 5     | 1    | 31   | 2S-6427-00 | Rim Cover Plate                 | 1    |
| 8   | 1B-6218-10 | 1/2-13 X 11 Hex Bolt - Grade 5     | 2    | 32   | 1B-6238-01 | #8 X 1/2 Self Tapping Screw     | 4    |
| 9   | 3M-6274-00 | 1 X 2 Tube Plug                    | 2    | 33   | 2B-6238-10 | 3/8-16 Nyloc Locknut            | 8    |
| 10  | 3M-6834-00 | 1 9/16 x 3 5/32 Tube Plug          | 2    | 34   | 3M-9040-01 | 5/8 Thread Protector            | 4    |
| 11  | 1A-7642-00 | Lower Board Arm                    | 1    | 35   | 2B-6097-10 | 5/8-11 Hex Nut                  | 12   |
| 12  | Not Used   |                                    |      | 36   | 2B-6099-10 | 5/8 Split Lock Washer           | 4    |
| 13  | 3M-8939-00 | Actuator Cap                       | 1    | 37   | 2B-6834-10 | 5/8 Flat Washer (Thick)         | 8    |
| 14  | 8S-6566-01 | Pivot Tube                         | 1    | 38   | 2S-6494-00 | Anchor Plate                    | 1    |
| 15  | 2M-6160-00 | Actuator Sleeve                    | 1    | 39   | 2B-6096-03 | 5/8-11 X 18 "J" Bolt            | 4    |
| 16  | 4A-7081-00 | Actuator                           | 1    | 40   | 18-6152-00 | #3 X 40 Rebar                   | 4    |
| 17  | 4L-7830-01 | Height Decal                       | 1    | 41   | 7B-6255-00 | Pull Pin                        | 1    |
| 18  | 2B-6094-10 | 1/2 Split Lock Washer              | 2    | 42   | 4A-6550-00 | Actuator Handle                 | 1    |
| 19  | 1B-6215-10 | 1/2-13 x 1 Hex Bolt                | 2    | 43   | 2L-7212-06 | This Manual                     | 1    |
| 20  | 1B-6781-10 | 1/2-13 x 2 1/4 Hex Bolt            | 4    | 44   | 2S-6794-00 | Post Ear                        | 2    |
| 21  | Not Used   |                                    |      | 45   | Not Used   |                                 |      |
| 22  | 7B-6391-01 | Step Bushing                       | 4    | 46   | 1B-6936-10 | 3/8-16 X 1 1/4 Hex Bolt-Grade 5 | 4    |
| 23  | 6A-7461-00 | Backboard Assembly - 40" X 72"     | 1    |      |            |                                 |      |
| 24  | Not Used   |                                    |      |      |            |                                 |      |

## **B4001 PARTS LIST**





#### LIMITED LIFETIME WARRANTY

This consumer warranty extends to the original consumer purchase of any Escalade® Sports Product (hereinafter referred to as the "Product").

**WARRANTY COVERAGE:** Escalade<sup>®</sup> Sports warrants to the original Consumer Purchaser that any Product of its manufacture is free from defects in material and workmanship. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, IMPROPER SERVICE, FAILURE TO FOLLOW INSTRUCTIONS PROVIDED WITH THE PRODUCT OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL OR WORKMANSHIP.

Subject to proper installation and normal Residential use, Escalade<sup>®</sup> Sports warrants, subject to the limitations below, to the original retail purchaser all structural components of the Goalrilla<sup>™</sup> System to be free of defects in material and workmanship for the duration of ownership by the original retail purchaser.

Merchandise must be shipped prepaid with a copy of proof of purchase to Escalade<sup>®</sup> Sports factory for examination to determine if the basketball system 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/repaired parts from/to your Goalrilla<sup>™</sup> System will be the purchaser's responsibility. Shipping charges for replaced or warranted merchandise sent back to the customer from Escalade<sup>®</sup> Sports factory must be prepaid by the customer in advance. If not, the replacement shipment will be sent out collect.

Escalade<sup>®</sup> Sports 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. A "Returned Goods Authorization" number may be required, please call for details prior to the return of any photographs or merchandise.

This limited lifetime warranty is expressly in lieu of all warranties, expressed or implied, including warranties of merchantability or fitness for use. Escalade® Sports does not assume or authorize any person or representative to assume for us, any other liability in connection with the sale of our products.

The remedy of repair or replacement stated above is Escalade<sup>®</sup> Sports exclusive remedy. Escalade<sup>®</sup> Sports will not be liable for any other damages or expenses which may incur, including but not limited to incidental or consequential damages. Escalade<sup>®</sup> Sports assumes no other obligations or liability on the part of the purchaser, and Escalade<sup>®</sup> Sports neither assumes nor authorizes any other person to assume for it any other liability in connection with the goods sold.

This warranty shall not apply in any manner to parts or accessories not manufactured by Escalade® Sports.

#### NOT COVERED BY THIS WARRANTY

- Merchandise not intended to be in places of public assembly, such as, but not limited to, schools, parks, public or private recreational facilities.
- Any merchandise subjected to Non-residential abuse, negligence, improper installation, vandalism, acts of God, alteration of product, or any other events beyond the control of Escalade<sup>®</sup> Sports.
- Paint or rusted parts. If rust should appear, remove loose paint, sand lightly, primer and paint with exterior flat matte finish enamel paint.
- Rims are not warranted for any defects other than workmanship. Torn back plates, damaged springs, bent rings, damaged eyebolts, and torn or distorted rim supports result from hanging on the rim and are not warranted.
- Shipping charges both ways. Note: Any merchandise shipped to Escalade® Sports collect will be refused.
- Dealer service charges, labor charges and travel expenses associated with replacement of repair of warranty item.

**WARRANTY DISCLAIMERS:** ANY IMPLIED WARRANTIES ARISING OUT OF THIS SALE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION. ESCALADE® SPORTS SHALL NOT BE LIABLE FOR LOSS OF USE OF THE PRODUCT OR OTHER CONSEQUENTIAL OR INCIDENTAL COSTS. EXPENSES OR DAMAGES INCURRED BY THE CONSUMER OF ANY OTHER USE.

Some states do not allow the exclusion or limitation of implied warranties or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

#### WARRANTY GUIDELINES IS REQUIRED FOR ALL WARANTY CLAIMS

1. Proof of Purchase (original retail purchaser) is required for all warranty claims.

2. Call or write Escalade® Sports to receive a Return Authorization # and determine specific needs.

Phone: 1-888-USA-GOAL / Warranty Dept.

Or Write Escalade® Sports at: Escalade® Sports - P.O. Box 889, Evansville, IN 47706 - Attn: Warranty Dept.

Or E-mail us at: customerservice@escaladesports.com