Installation, Operation and Maintenance Instructions

Please read all instructions before attempting installation or operation of these units

SAVE THESE INSTRUCTIONS FOR FUTURE USE

Publication No.
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Introduction

Thank you for your purchase of a Gared Sports “Scholastic Telescopic 6100” volleyball system. To ensure that our equipment will provide years of use to you, we are including this installation, operation, and maintenance guide. This guide will provide information on the proper assembly and installation methods, operating procedures, and preventative maintenance of your portable backstop.

Please note that a Bill of Materials is being included with this guide. Please check that all of the parts called out on the Bill of Materials are present prior to beginning assembly and setup. Please do not substitute for factory parts. Please contact the PSS or Gared Sports customer service department and allow them to determine if substitute parts are acceptable.

It is recommended that an individual who has been properly trained perform assembly and set up of the backstop. No one under the age of 18 should attempt assembly or set up of the unit, unless properly supervised.

To prevent normal wear and tear from shortening the life of the unit, preventative maintenance inspections and repairs should be performed at least once per year. If the units are subject to high or unusual usage, inspections should be scheduled to occur more frequently. If items are found to be nonconforming, replacements can be ordered from PSS or Gared Sports or one of our authorized dealers. When contacting PSS or Gared Sports, please have information regarding the dealer/installer who sold the unit, the name of the project, and any applicable warranty information.

Parts listed by sub-assembly

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>6252</td>
<td>CABLE COVER SET</td>
<td>1 EACH</td>
</tr>
<tr>
<td>6400</td>
<td>FLOOR SLEEVE 3-3/4” OUTSIDE DIA.</td>
<td>2 EACH</td>
</tr>
<tr>
<td>1028-22-00</td>
<td>NET ANTENNA</td>
<td>1 PAIR</td>
</tr>
<tr>
<td>6430</td>
<td>6” BRASS FLOOR COVER</td>
<td>2 EACH</td>
</tr>
<tr>
<td>6106</td>
<td>WINCH POST</td>
<td>1 EACH</td>
</tr>
<tr>
<td>6107</td>
<td>END POST</td>
<td>1 EACH</td>
</tr>
<tr>
<td>7607-22-00</td>
<td>NET SIDELINE MARKER</td>
<td>2 EACH</td>
</tr>
<tr>
<td>601652115</td>
<td>VOLLEYBALL NET</td>
<td>1 EACH</td>
</tr>
</tbody>
</table>

Floor sleeves (6400) and floor covers (6430) are shipped early to be installed at the time of original construction. Posts are shipped fully assembled.
Set-up Guide

Parts Checklist

Verify all parts listed on packing list are present prior to installation.

Floor Sleeves/Covers Plates (These may ship early and separately)
- Floor Sleeves [ ] OK
- Cover Plates [ ] OK

Upright Posts (Refer to drawings or pictures in the instructions)
- End Post(s) [ ] OK
- Winch Post(s) [ ] OK

Net/Cable Hardware
- Cable [ ] OK
- Winch (es) & Hardware [ ] OK
- Antenna(s) [ ] OK
- Net(s) [ ] OK

Padding
- Upright Pads [ ] OK
- Chain & Cable Covers [ ] OK

Optional Accessories
- Referee Stand [ ] OK
- Equipment Cart [ ] OK
- Storage Devices [ ] OK
Floor Sleeve Installation

1. Mark (2) spots on the floor exactly 36 feet apart (refer to most recent set of architectural prints for exact locations within the gym). These represent the CENTERS of each sleeve installation. If sleeves are to be more or less than 36 feet apart, contact a PSS or Gared representative for information regarding this alteration.

2. Cut (2) round holes through the playing surface 4-3/4” to 5” diameter centered on the spots marked in step one. (See page 5)

3. After cutting out the circle in the surface flooring, cut a similar hole in the concrete slab below. The diameter of this hole should be about 5”; however the size is not critical. The hole must be large enough to accommodate the sleeve at 3 degrees off vertical.

4. Cut or drill the hole completely through the concrete slab. Under the slab, hollow out (by hand) an area about 16-20” deep from the playing surface. (Refer to page 5)

5. A “non-shrink” grout should be used to anchor the sleeve. Pour the grout mixture into the hole until it is just below the BOTTOM of the concrete hole. Cover the sleeve during installation to prevent debris from falling in or grout from entering the bottom of sleeve.

6. Insert the 3-3/4” O.D. steel sleeve and work it down into the grout until the inside bottom of the sleeve is 11” below the TOP surface of the floor. Incorrect sleeve depth will result in a net height error. Also be aware that the sleeve must tilt 3º away from the court. The 3º will correct when the net is installed and tightened. (See details page 5)

7. Wait a minimum of (7) days to allow the grout to cure before setting up the posts.

8. **Note: A skilled woodworker will be needed for the following operation!**
   Using a router and template, make a counterbore 6-7/16” diameter by 9/16” deep centered over the original 5” hole in the floor, to receive the brass floor cover. A template can be made from a piece of Masonite or thick plastic. A template is needed to achieve a good and accurate cut. Many router and template combinations are possible. One example of a router and template combination is shown on page 6. A finished counterbore of 6-7/16” diameter is what is important! Practice on a piece of scrap wood first. If the hole is too big, corrections may not be possible!

9. Install the floor covers. Usually the covers are oriented to open outward away from the playing area. However, this is a matter of preference. Drill holes and insert screws as shown on page 6.
Installation Details for Floor Sleeves

![Diagram of floor sleeve installation](image)

- **Finished Floor**
- **Sub Floor**
- **Concrete**
- **Gravel Base**
- **Earth**
- **10" Long Ground Sleeve**
- **Non Shrink Grout**

**Notes:**
- The ground sleeves are slanted away from center court as indicated.
- **Winch Post**
- **Finished Floor**
- **End Post**

**Dimensions:**
- 36'-0" (See Illustration Below)
- 3.0°
- 6-1/4" Dia. Counterbore (See Routing Instructions)
- 5.00" Dia. Hole Through the Finished Floor and Sub Floor
- 11" TYP.
- 18"-20"
- 16" TYP.
Counterbore Details and Floor Cover Installation

LIFT BRASS COVER PLATE AND ROTATE AS SHOWN
PLACE PLASTIC BASE IN HOLE
(5" DIA. HOLE IN FLOOR)
DRILL 1/8" HOLES AND INSERT FLAT HEAD SCREWS (3)
FINISHED FLOOR

COVER SHOWN OPENING OUTWARD (AWAY FROM CENTER COURT)
Post and Net Installation Instructions

1. Lift and rotate the floor covers out of the way. Insert the Winch Post and End Post.

2. Lay out the net in the approximate position between the two posts.

3. Remove the adjustment pins to change heights of the upper telescopic tubes. Reinsert at the desired playing height. Post height is adjustable in 1” increments. Turn the winch handle counterclockwise and pull out the tension belt till it is fully extended. Winch height can also be adjusted as needed. Loosen the plastic twist handle and retighten at the desired height.

4. Beginning at the Winch Post, attach the net cable to the winch belt with a snap link as shown on page 6. Attach the other end of the net cable to the top of the End Post with a snap link.

5. Next, turn the winch handle clockwise to tighten the net cable. Center the net so that there is equal space between the ends of the net and the posts. Undo the Velcro net straps as they come shipped with the net. Wrap the straps around the posts as shown in the illustration at the bottom of this page. Pull the straps tight and press the Velcro surfaces together. These straps are responsible for maintaining the net tension and may need to be retightened periodically. Expect stretch in the net.

6. The height of the net will vary with the tightness of the cable. Minor height adjustments can be made by screwing the foot pads on the bottom of the posts in or out. (Posts must be removed from the floor sleeves to make these adjustments).

![Diagram showing steps of installation](image.png)
Details – Winch Post with Net

6106 WINCH POST

INSERT POST IN GROUND SLEEVE

36'-0" TO END POST

ADJUSTABLE FOOT PAD

FLOOR COVER

RATCHET WINCH

WRAP NET STRAP AROUND POST
(SEE AUXILIARY VIEW ON PAGE 7)

HEIGHT ADJUSTMENT PIN

WINCH BELT

SNAP LINK

NET CABLE

WRAP NET STRAP AROUND POST

Scholastic Telescopic 6100
Details – End Post with Net

WRAP NET STRAP AROUND POST
(SEE AUXILIARY VIEW ON PAGE 7)

HEIGHT ADJUSTMENT PIN

WRAP NET STRAP AROUND POST

6107 END POST

INSERT POST IN GROUND SLEEVE

36'-0" TO WINCH POST

FLOOR COVER

ADJUSTABLE FOOT PAD
Maintenance

1. General inspection of equipment when used should be performed to ensure no catastrophic failures have occurred during the course of use between yearly inspections.
2. It is recommended that yearly inspections be conducted to determine if any bolts or any other hardware has become worn or loosened. A sample check sheet has been provided for you in this guide.
3. During yearly inspections, all moving parts should be inspected while in operation. Key points to look for include rotation points where bushings contact metal, winches, pulleys and quick links. The strap should be looked at for any degradation or fraying.
4. Any loose bolts or nuts should be tightened.
5. Check Sliding components and strap for wear.

Maintenance Check Sheet
Date: ________________       Unit: ________________

**Anchors/Floor Sleeves**
- Anchors/bolts  OK □  Repair □  Replace □
- Floor sleeves/covers  OK □  Repair □  Replace □

**Unit Supports / Brackets / Hinges**
- Tubes; dents, stress spots, etc.  OK □  Repair □  Replace □
- Bolts; loose, deformed, etc.  OK □  Repair □  Replace □
- Brackets/Hinges; bent, not rotating, etc.  OK □  Repair □  Replace □

**Winch/Strap**
- Winch; binding, loose, etc.  OK □  Repair □  Replace □
- Hardware; Quick links  OK □  Repair □  Replace □

**Sliding Components**
- Locking Mechanisms  OK □  Repair □  Replace □

**Safety Padding**
- Velcro Function  OK □  Repair □  Replace □
- Vinyl Condition  OK □  Repair □  Replace □

Replacement parts and / or service to the equipment can be obtained from your local PSS or Gared dealer or installer. To find your local dealer, visit us online or contact customer service department at the web address or phone number listed on the last page of this manual.