



INSTALLATION MANUAL

2018



Thank you for choosing ActiveFit!

If you have any questions or concerns about the equipment, please contact us directly.

Please read the following installation manual carefully. It is recommended that you keep this manual in a safe place in the event you need to refer to it in the future.

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IMPORTANT SAFETY INFORMATION

This manual has been provided as a general guide for installing your new ActiveFit equipment. Please read this manual to familiarize yourself with the procedures before installing your new equipment. This manual contains important and valuable information regarding site layout, equipment placement and general installation practices.

IMPORTANT: It is the owner's responsibility to ensure that the installation of all outdoor fitness equipment complies with the laws and regulations in accordance to their government's regulatory policies. Unless otherwise stated, ActiveFit outdoor fitness equipment is intended for users aged 13 years and older.

The equipment was built according to the American Society for Testing and Materials F3101 Specification for Unsupervised Public Use Outdoor Fitness Equipment standard. The ASTM F-3101 should be reviewed prior to installing your fitness equipment.

Here are some definitions from the ASTM-F3101 that you should familiarize yourself with:

- i. 3.1.5 clearance space, area beneath and immediately adjacent to outdoor fitness equipment that is designated for unrestricted circulation around the equipment and on whose surface it is predicted that a user would land when falling from or exiting the equipment.
- ii. 3.1.12 designated use surface, any elevated surface intended for gripping/hanging, standing, walking sitting or climbing.
- iii. 3.1.18 fall height, vertical distance between a designated use surface and the protective surfacing between it.
- iv. 3.1.36 protective surfacing, material(s) if required, to be used within the clearance space of the outdoor fitness equipment in accordance with Specifications F1292 and F1951 where applicable.
- v. 3.1.49 training envelope, maximum space in which the user and machine components traverse when the machine is operated in accordance with the instructions. (Synonymous with 'use zone'.)

In addition to the ASTM-F3101 Specifications, the Department Of Justice 2010 Standard for Accessible Design defines the requirement for accessibility, and should be reviewed.

NOTE: As of the date of this publication, no equivalent CSA Standard has been adopted.

EQUIPMENT ASSEMBLY

Most ActiveFit equipment arrives assembled, however some final assembly may be required. If necessary, refer to the equipments assembly drawings for details.

A Torx wrench is provided in the maintenance kit for tightening tamper proof bolts. Note that using standard wrenches will not work and may damage the head of the bolt. Please keep this wrench in a safe location for future use.

Apply thread-locking fluid to bolts as you secure them in place.



Ordering Replacement Parts

Replacement parts can be ordered by emailing info@activefit.ca or calling our customer service at 1-800-463-2361.

ACCESSIBILITY

An accessible route 36.0" in width, should be provided. The surfacing of the accessible route should meet the requirements of specification ASTM-F1951. Accessible equipment will require larger pads to accommodate a turning radius for an adult wheelchair. An additional rectangular zone measuring 30" by 48" for 'accessible parking' should be provided as well. This zone needs to be adjacent to the concrete pad but does not have to be a part of it.

The training envelope for two or more pieces of adjacent outdoor fitness equipment shall not overlap. The accessible route may overlap.

CONCRETE GUIDELINES

If you are installing one or more pieces of fitness equipment on separate concrete pads, refer to the equipments plan view drawings to determine the size of pad required and the clearance space that needs to be accommodated. If you have any questions or concerns, please contact your sales representative.

Pads should be a minimum of 5" (127mm) thick and the concrete should be of an appropriate specification for an outdoor application. Steel mesh may be used to strengthen the pad. Do not install equipment on pads that have not cured. Your concrete contractor can advise you on how many days this should require (typically a minimum of 7 days). A 'broom finish' is recommended.

The same concrete installation guidelines apply for post-in-concrete footing installation. Concrete footings should be a minimum of 12" diameter. Depth of footing varies according to surfacing requirements.

If you are installing multiple pieces of fitness equipment on a single concrete pad, a site drawing should be provided to show the overall dimensions of the concrete surface required and the appropriate spacing between each piece of equipment.

These spaces shall consist of obstacle-free surfacing that conforms to the ASTM-F1292 International standards appropriate for the fall height of the equipment.

SUGGESTED TOOLS

1. 24" magnetic torpedo level, and 72" magnetic torpedo level
2. String line and stakes for layout
3. 25' tape measure, and 100' tape measure
4. Generator or power source
5. Electrical box and extension cord(s)
6. Water supply and garden hose
7. Bull nose shovel, and short nose shovel
8. Wheelbarrow
9. Step ladder
10. Box Knife
11. Rags
12. Rake
13. Tamper
14. Allen Wrench or Hex Keys (refer to Parts List for specific sizes)
15. Open end wrench set (refer to Part Lists for specific sizes)
16. Screwdrivers (refer to Parts List for specific sizes)
17. Socket Set (refer to Parts List for specific sizes)
18. ActiveFit Maintenance Kit

ADDITIONAL SUGGESTED TOOLS

Post-In-Concrete Installation

1. Power auger
2. Long nose shovel
3. 5' Pry bar

Surface Mount Installation

1. Compact excavator
2. Compact loader
3. Hand held grinder (grinding and cutting discs)
4. Impact driver
5. 24" Breaker bar
6. Dustpan and broom
7. Masonry bit (refer to Parts List for specific sizes)
8. Leaf blower for removing dust

INSTALLATION TIPS



Ensure all equipment is assembled using the following guide. Improper installation may cause unstable equipment, equipment failure or possible injury.

Mounting Bolt Guide

It is recommended to leave the mounting bolt with approximately 2 visible threads **above the nut** and washer. If additional threads are visible, we recommend driving the anchor further into the concrete. This will ensure the greatest possible mounting strength, and gives your product a better look, preventing possible injury. If you have more than 2 threads visible, you may use a grinder to shorten the bolt (however this is not recommended). If a wedge anchor has been cut, spray it and the surrounding area with a rust protective clear coating.



Common Installation Errors



Crooked Mounts

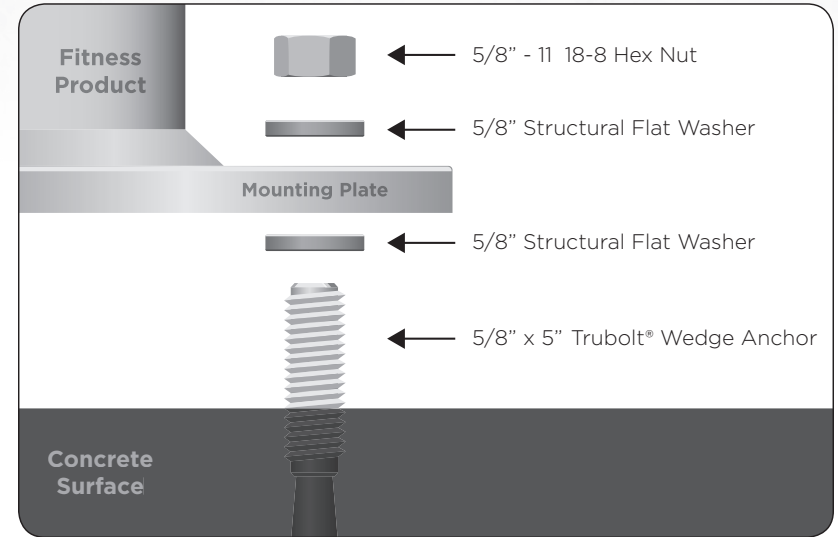


Missing Washers

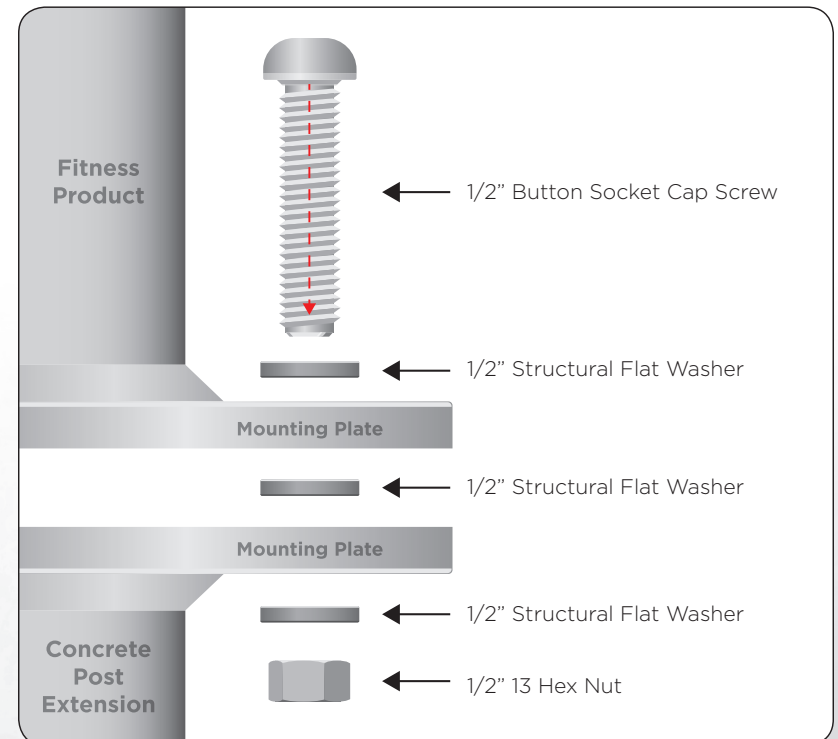


Incorrect Drill Bit Size

Surface Mount Assembly Hardware



Post In Concrete Assembly Hardware



Revised August 2018

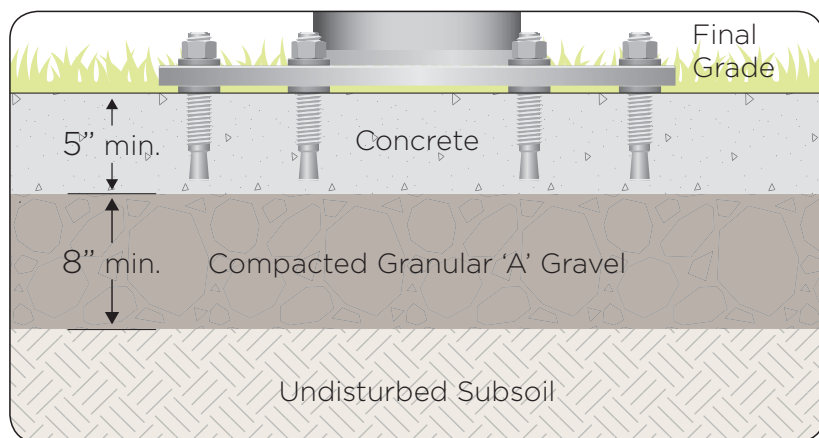
SURFACE MOUNT INSTALLATION

*Repeat instructions for each piece of fitness equipment.

1. Review the clearance space/use zone for the fitness equipment prior to laying out the site.
2. Determine the desired location and orientation of the fitness equipment.
3. Excavate the pad area to a minimum depth of 13", allowing 8" for a gravel base and 5" for concrete.

NOTE: It is recommended to use the equipment's training envelope dimensions as minimum pad dimensions.

4. Concrete should be cured for a minimum of 7 days.



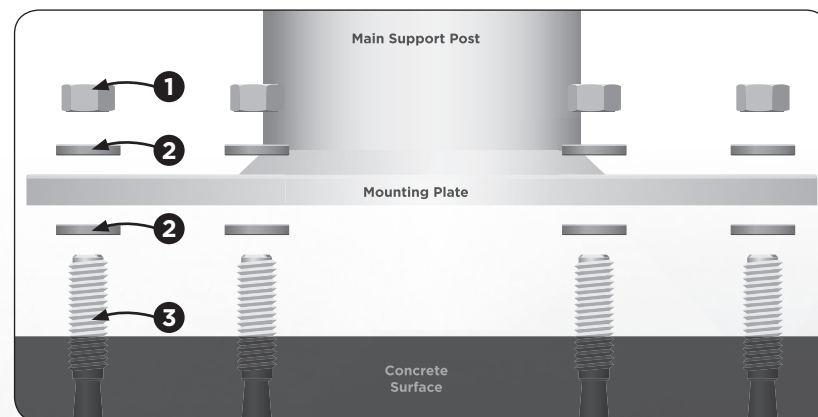
5. Place the equipment on the concrete pad, within proper usage specifications. See equipment information sheets for details. If the fitness equipment has two or more main support posts, measure and mark the locations and make certain that the posts are accurately spaced apart.
6. Using a black magic marker, mark the location of the mounting plate holes onto the concrete pad.
7. Remove the fitness equipment from the concrete pad. Mark the 5/8" masonry bit at 4.5" (114 mm) to ensure the correct depth of the holes.

Make sure holes are drilled perpendicular to the surface and not angled.



NOTE: Failure to install and secure all wedge anchors may result in the fitness equipment working loose from the concrete pad over time.

8. Clear the holes of dust and particles prior to inserting the concrete wedge anchors.
9. Remove the nuts from the wedge anchors and then drive them into the previously drilled holes using a hammer. It is critical that every mounting hole is used.
10. Place the fitness equipment back on the concrete pad and align the mounting plate(s) with the installed concrete wedge anchors.
NOTE: There should be a slight space between the mounting plate(s) and the concrete pad. Spacers on the bottom of the mounting plate(s) help water to drain away rather than build up between the plate(s) and pad, which may lead to premature corrosion. Additional washers are provided for this purpose.
11. Secure the mounting plate(s) using the provided hardware as shown. We recommended using a 24" Breaker bar to secure nuts.
12. Grind off any excess thread from each wedge anchor so that a maximum of two threads are visible above the nut.
Note: If a wedge anchor has been cut, spray it and the surrounding area with a rust protective clear coating.
13. Apply thread-locking fluid to fasteners as you secure them in place.
14. Complete the fitness equipment assembly.

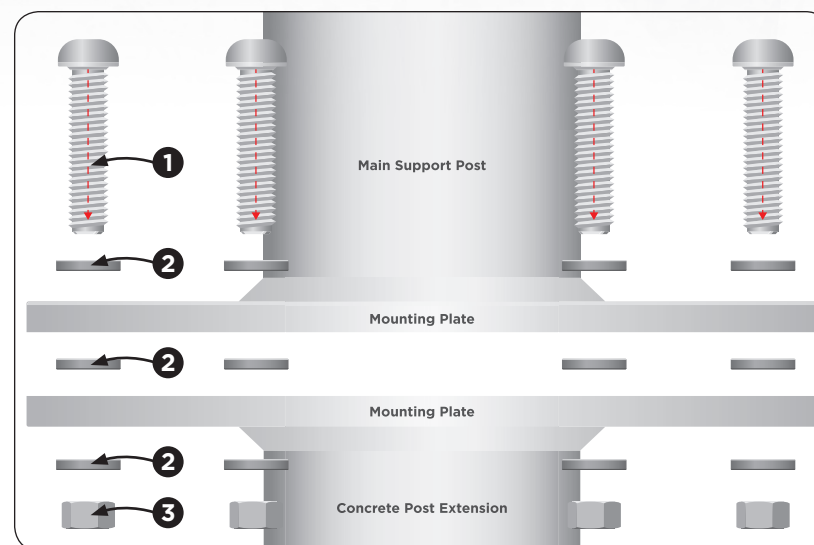


- 1 5/8" - 11 18-8 Hex Nut
- 2 5/8" Structural Flat Washer
- 3 5/8" x 5" Trubolt® Wedge Anchor

POST IN CONCRETE INSTALLATION

*Repeat instructions for each piece of fitness equipment.

1. Review the Clearance Space/Use Zone for the fitness equipment prior to laying out the site (Figure 1).
2. Determine the desired location and orientation of the fitness equipment.
3. Determine the location of footing holes.
NOTE: Measure and mark footing holes as indicated.
4. Refer to footing detail drawings for suggested footing excavation instructions; follow the appropriate footing option that best matches your installation scenario.
5. Excavate holes to a minimum of 12" diameter.
NOTE: Due to variations in weather and soil types, footing specifications may vary depending on local conditions.
6. Fill the hole(s) with concrete. Install the post extension(s) once the concrete is firm enough to support them in an upright and level position.
7. Once the concrete has cured (for a minimum of 7 days), attach the equipment to the post extension(s). Use supplied mounting hardware, following assembly instructions.
8. Apply thread-locking fluid to fasteners as you secure them in place.
9. Complete the fitness equipment assembly.

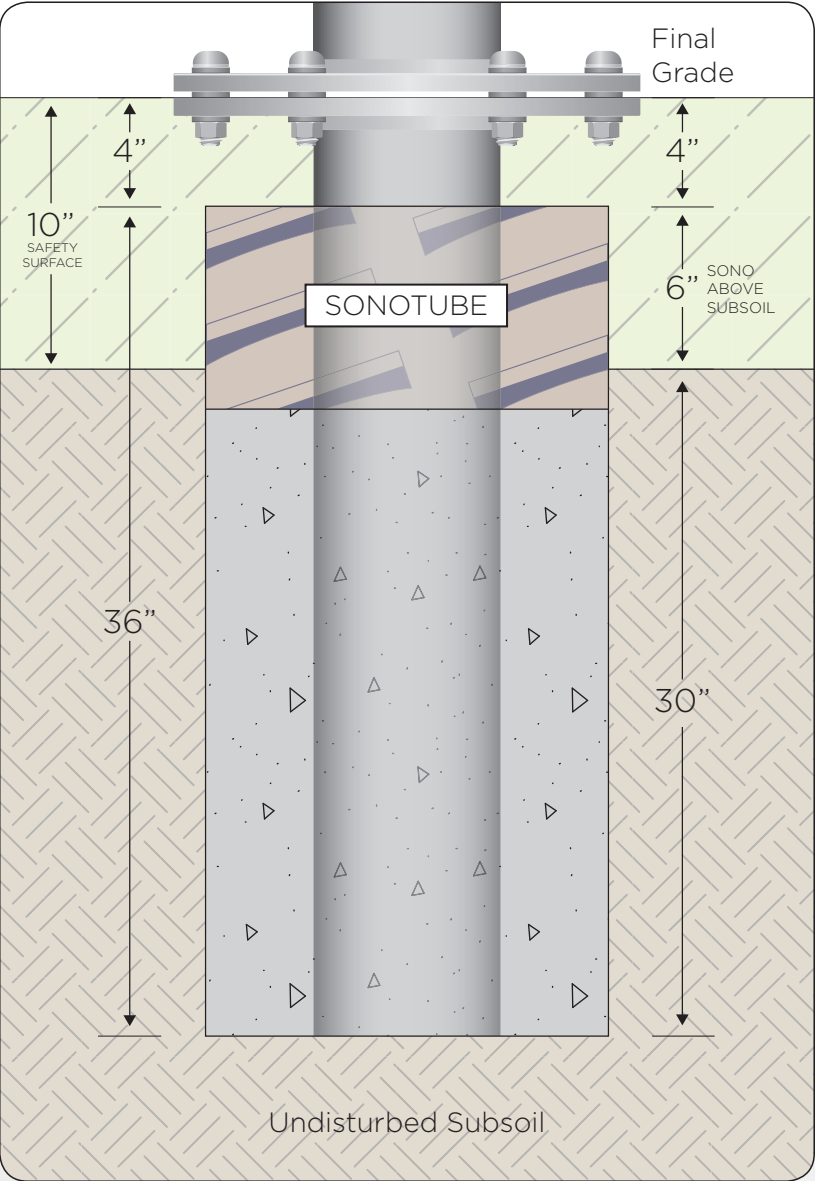


- 1 1/2" Button Socket Cap Screw
- 2 1/2" Structural Flat Washer
- 3 1/2" 13 Hex Nut

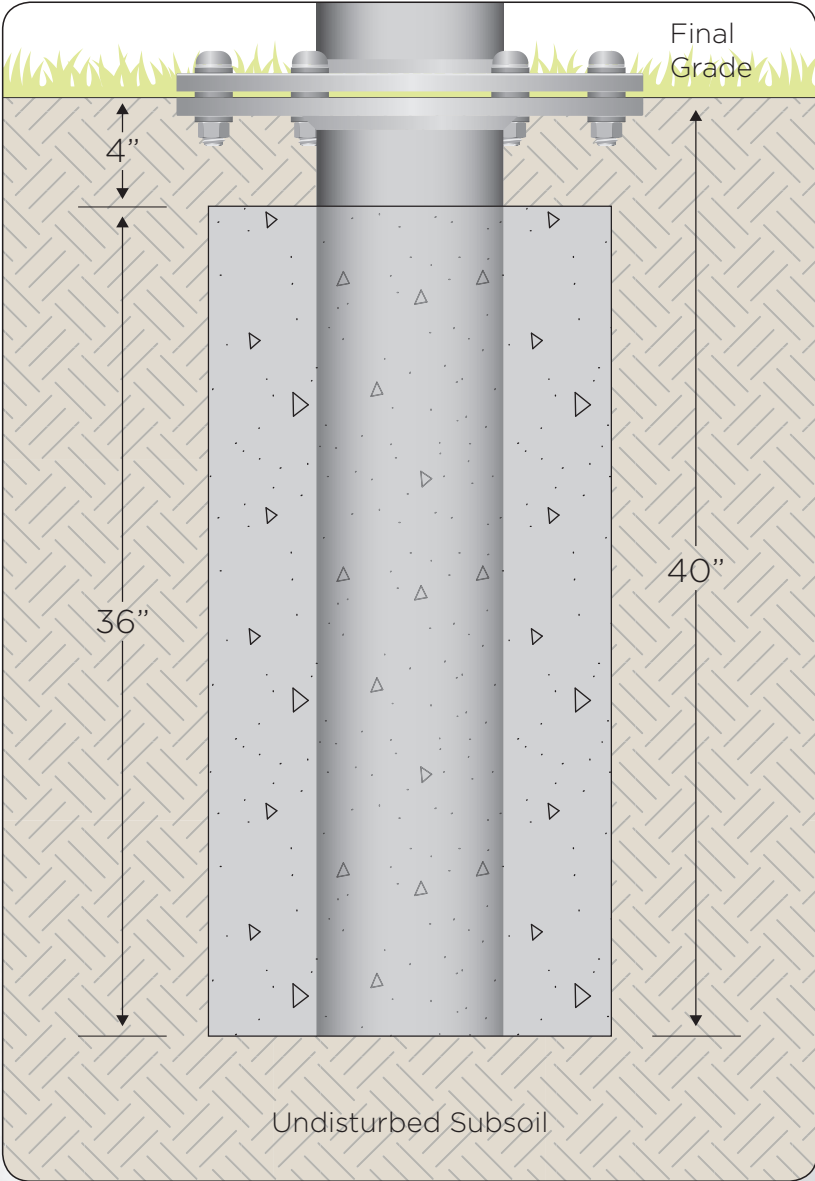
CONCRETE EXTENSION INSTALLATION

Set the post in concrete a minimum of 4 inches, maximum 10 inches above subsoil. We recommended an overall minimum concrete depth of 36".

Concrete Post Extension (with safety surface)



Concrete Post Extension (without safety surface)



INSTALLATION CHECKLIST

- ☐ Ensured washers have been placed between the equipment and mounting surface
- ☐ Mounted wedge anchors to the correct depth
(2 threads above the nut after tightening)
- ☐ Sprayed any cut bolts with rust protective clear coating
- ☐ Applied thread-locking fluid at any required bolts
- ☐ Securely tighten all bolts
- ☐ Tested each piece of equipment after installation
- ☐ Cleaned site and equipment after installation is complete

ActiveFit Warranty Card

Thank you for purchasing ActiveFit Outdoor Fitness Equipment, we know that it will give you many years of dependable service with proper care. It is very important that you fill out and return this warranty registration card as soon as possible so that we can enter your purchase into our database to record ownership.

Name/Company:

Date of Purchase:

Address:

City:

Postal Code:

Telephone: _____

Email Address:

We DO NOT share or sell your personal information with third party marketing sources.

INSTALLATION NOTES

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

WARRANTY

If any ActiveFit Outdoor Fitness Exercise Station fails due to defects in materials or workmanship, and subject to the specific warranty periods and exclusions stated below, Active Playground Equipment Inc. (APE) will, at its discretion and through its authorized representative, repair or replace any components or parts found defective without charge.

10 Year Limited Warranty:

- ▶ Metal support posts and non-moving secondary metal structural frames
- ▶ High density polyethylene (HDPE) including seats, back rests, foot pads, pedals and hand grips
- ▶ Powder coated and painted finishes
- ▶ Stainless steel fasteners
- ▶ Welds

2 Year Limited Warranty:

- ▶ Moving metal components
- ▶ Pivot point shafts, bearings and bushings
- ▶ Ropes and cables

Exclusions:

Warranty claims will be compromised should any claim be the result of:

- ▶ Exercise equipment not assembled or installed according to APE's assembly and installation instructions;
- ▶ Exercise equipment not maintained according to APE's maintenance procedures;
- ▶ Misuse, negligence, vandalism, or accident;
- ▶ Cosmetic issues including wear and tear under normal use such as dents, scratches, marring, fading and discoloration, minor rusting, exposure to abrasive materials such as sand or peastone, and/or exposure to salt water;
- ▶ The addition or substitution of unauthorized components or parts;
- ▶ Exercise equipment having been modified, altered, or repaired by persons other than an APE authorized installer or representative which, in the judgment of Active Playground Equipment Inc. affects the condition or operation of the Exercise Station.

Shipping, handling and installation charges are not included. All shipments are F.O.B. Point Edward, Ontario, Canada, freight prepaid and charged.

All warranties commence on the date of invoice to the end-user.

Upon being notified promptly in writing of any defect, APE shall make available replacement parts or components within 30 days to its authorized representative. Shipping, handling and/or installation charges to the end-user are exclusively at the discretion of the authorized representative. Replacement components or parts will be warranted for the balance of the original warranty.

APE does not authorize any employee, representative or any other person to assume on its behalf any other liability in connection with the sale or use of any ActiveFit Exercise Station.



Ordering Replacement Parts

Replacement parts can be ordered by emailing info@activefit.ca or calling our customer service at 1-800-463-2361.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.



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