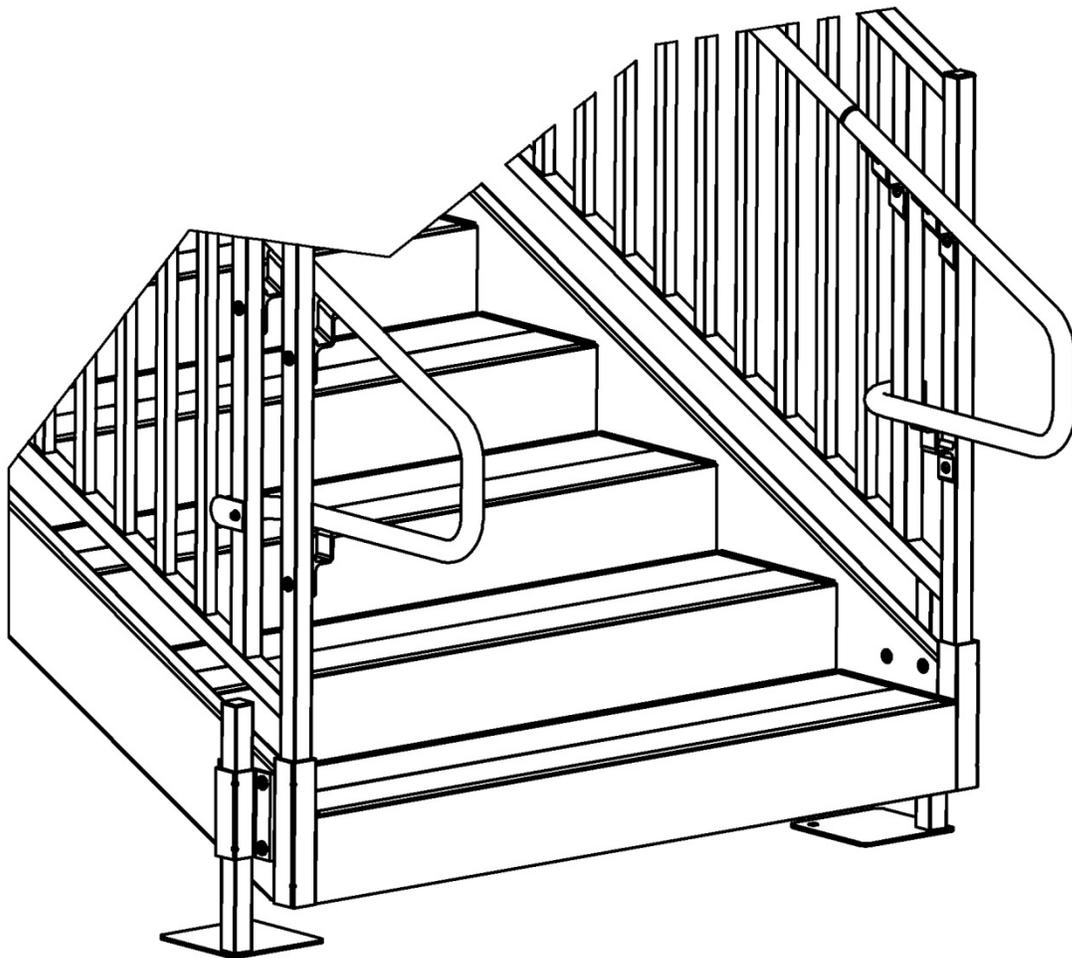




# TITAN™ Code Compliant Modular Access System

## Installation Supplement for TITAN™ Step Adjustable Leg Kit

*Use this Supplement alongside the TITAN™ Code Compliant Modular Access System Installation Manual and the Installation Supplement for TITAN™ Steps*



3-YEAR WARRANTY. Please register at [www.ezaccess.com/warranty-satisfaction](http://www.ezaccess.com/warranty-satisfaction).

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Manufactured in the USA

19707 05-08-2020



## **INTRODUCTION**

This Supplement addresses installation of the TITAN™ Step Adjustable Leg Kit. Refer to the Installation Supplement for TITAN™ Steps for instructions relevant to the step and its related components. Additionally, refer to the TITAN™ Code Compliant Modular Access System Installation Manual for instructions relevant to ramps, platforms, and related components. If you do not understand which manuals apply, or their content, do not use the system and call 1-800-258-8503 for further information.

## **SYMBOL MEANINGS**

- ⚠ The **WARNING** symbol indicates a potentially hazardous condition/situation. The safety warnings throughout this manual, and on your equipment, if any, are for the protection of people and property. Failure by any operator to abide by safety warnings will result in a waiver of all liabilities, loss of your warranty, and could result in equipment damage and or failure, property damage, risk of serious bodily injury, and or death. The symbol may appear in various colors and in conjunction with other symbols and with or without the written word “WARNING”.
- 👉 The **NOTE** symbol indicates important information. Failure to obey all notes could result in improper operation, less-than-optimum equipment performance, and at the sole discretion of the equipment manufacturer, may void your warranty. The symbol may appear in various colors and in conjunction with other symbols and with or without the written word “NOTE”.

## **WARNINGS**

- ⚠ STEP Uniform Live Load Rating: 100 pounds per square foot (psf) and a concentrated vertical load of 300 pounds over an area of 4 square inches. Do not exceed Uniform Live Load Rating.
- ⚠ PLATFORM Rated Load: 100 lb. psf live load, 300 lb. concentrated. Do not exceed Rated Load.
- ⚠ Prior to installation and use, read, understand, and follow the information in this manual and all other applicable manuals, including supplements and addendums, if any, and warning labels, in their entirety. Learn and understand the location and function of all features, warnings, Rated Loads, safety devices, and labels before use. If you do not understand which manuals apply, or their content, do not use the TITAN Code Compliant Modular Access System and call 1-800-258-8503 for further information.
- ⚠ Always follow all warnings and safety directives.
- ⚠ Maintaining all labels and manuals in legible condition is required by the system owner and is essential for safe operation. Do not remove product safety labels. If any labels are missing, damaged, or become illegible, they must be replaced. An illegible label will fail to alert individuals on or around the system of a procedure or hazardous operating conditions. To obtain replacement copies of instructions, warnings, and labels, call 1-800-258-8503.
- ⚠ For additional care, usage, or general safety information, please call 1-800-258-8503.

## **ATTENTION INSTALLER and END USER**

-  Prior to installation and use, read, understand, and follow the information in this manual and all other applicable manuals, including supplements and addendums, if any, and warning labels, in their entirety. Learn and understand the location and function of all features, warnings, Rated Loads, safety devices, and labels before use. If you do not understand which manuals apply, or their content, do not use the TITAN Code Compliant Modular Access System and call 1-800-258-8503 for further information.
-  Leave this Installation Manual with the end user.
-  Fill out online warranty registration.

## **IMPORTANT SHIPPING INFORMATION**

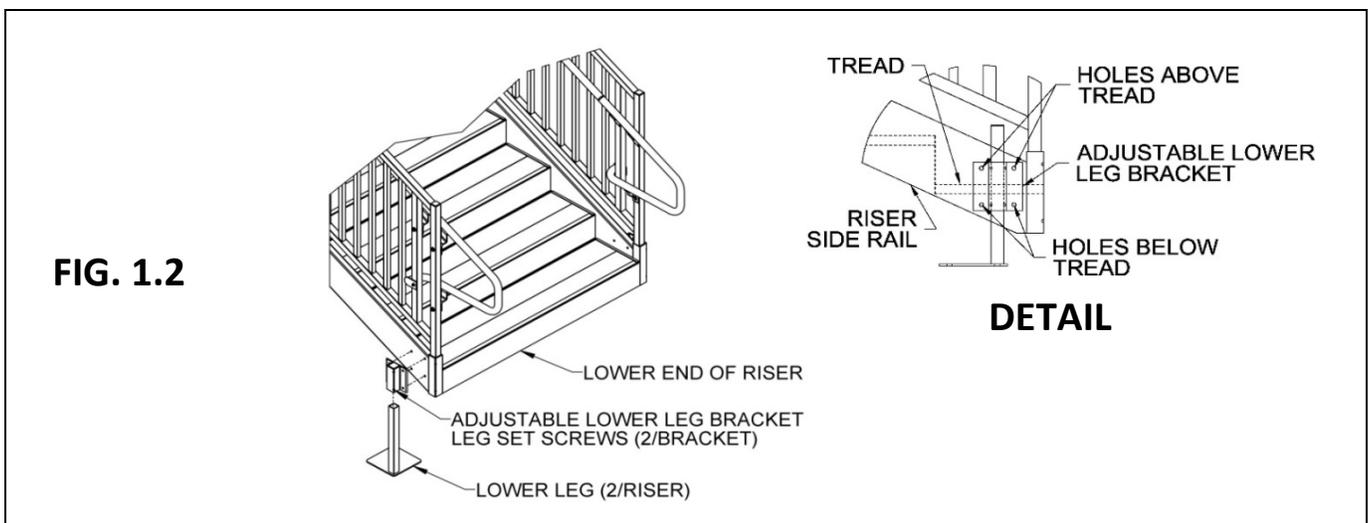
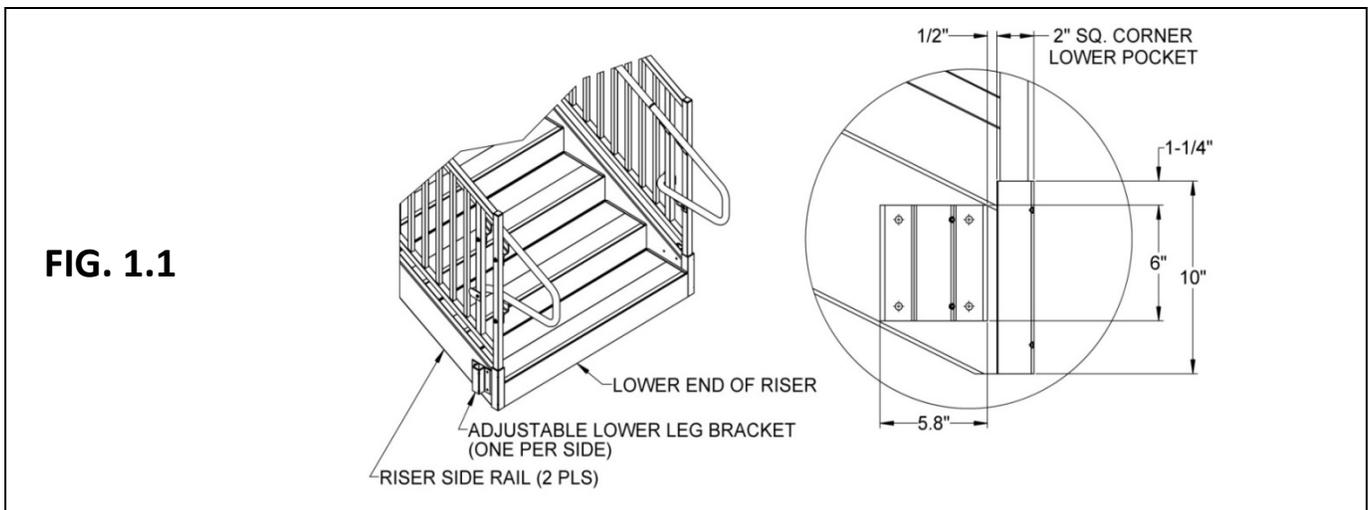
-  The shipment contains a packing list. Confirm all items are present before starting installation. Open shipping boxes and inspect for damage or missing parts. If damaged or missing parts are noted, do not install or use.
-  Check for shipping damage immediately upon receipt and note any freight damage on freight bill while driver is still present. Contact shipper right away with any freight damage concerns. In most cases, freight damage claims will not be allowed unless noted on the freight bill. Pictures of damage before the unit is unpacked can be very helpful.

## **TOOLS TYPICALLY REQUIRED**

- |                    |   |
|--------------------|---|
| ✓ POWER DRILL      | ✓ LEVEL   |
| ✓ MARKER OR PENCIL | ✓ 11/32" OR 3/8" DRILL BIT                      |
| ✓ 1/2" SOCKET      | ✓ 3/16" ALLEN WRENCH                            |
| ✓ RUBBER MALLET    | ✓ TORQUE WRENCH (CAPABLE OF UP TO 317 IN.-LBS.) |
| ✓ TAPE MEASURE     | ✓ C-CLAMPS (QTY 2)                              |

# 1. INSTALL ADJUSTABLE LOWER LEG BRACKETS AND LEGS

- 1.1. With the exception of the 'LEVELING FEET' section in the Installation Supplement for TITAN Steps, assemble and set all platforms, platform guards or two-line rails, and steps as described in the main TITAN Code Compliant Modular Access System Manual (if applicable) and the Installation Supplement for TITAN Steps.
  - 1.1.1. Instead of leveling feet, adjustable leg brackets ('bracket') and lower legs ('leg') will be used as an alternate method to support the bottom of the riser.
- 1.2. Use a c-clamp or similar device to hold a bracket against the riser side rail at 1/2" from the 2" square lower riser corner pocket and 1-1/4" below the top of the pocket (FIG. 1.1).
- 1.3. Repeat for other opposite side of riser.
  - 1.3.1. Clamp both brackets in place. Before drilling holes (completed in an upcoming step), ensure that no installation issues are noted.
- 1.4. Use a level on each bracket, ensuring that it is situated to allow leg to be perpendicular to the ground plane when inserted into the bracket.
- 1.5. Use holes in the bracket as a template to drill 3/8" or 11/32" holes straight through both walls of the riser side rail. Or, alternately, mark the location, remove bracket, drill holes, and then re-clamp the bracket in place.
  - 1.5.1. On each side of the riser, you should end up with two holes above the first riser tread and two holes below the first riser tread (FIG. 1.2).
- 1.6. Insert a leg into the bracket. Orient the bracket so that the leg set screws are on the side facing the lower riser corner pocket and orient the leg so that it extends under the riser and away from the lower end of the riser as shown (FIG. 1.2)
  - 1.6.1. Tighten set screws just enough to hold the leg in place while the bracket is being attached.

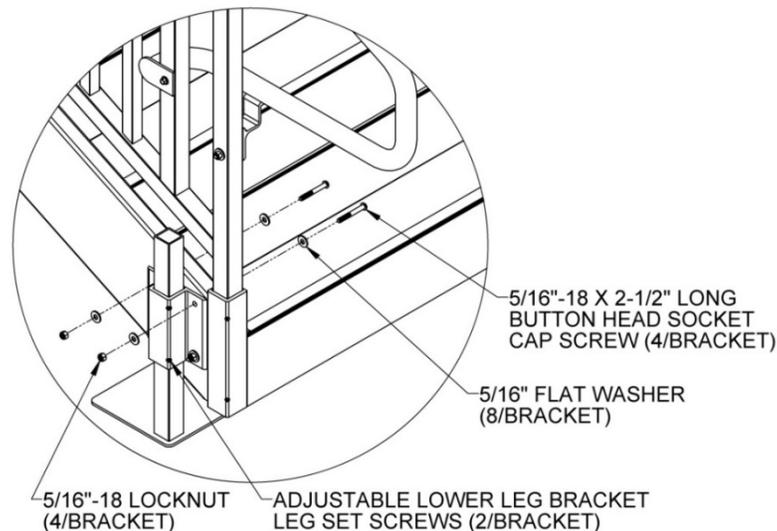


- 1.7. Using a 3/16" Allen wrench and a 1/2" socket or 1/2" wrench, attach the bracket (with leg installed) to the riser side rail using 5/16"-18 x 2-1/2" button head socket cap screws, 5/16"-18 locknuts, and 5/16" flat washers oriented with cap screw and one washer on the riser side and the locknut and a second washer on the bracket side (FIG. 1.3). Tighten fasteners securely.
- 1.8. Loosen the bracket set screws just enough to allow the leg to contact the ground and support the riser. Retighten set screws to 317 in.-lbs.
  - ⚠ Do not lean, walk, or otherwise bear weight on the step until installation is complete.
- 1.9. Repeat the process for the opposite side of the riser.
- 1.10. Install 1-1/2" square tube plugs into the top of each leg. Use a rubber mallet or similar tool to fully seat the plug if needed (FIG. 1.4).
- 1.11. Complete all remaining steps in the main TITAN Code Compliant Modular Access System Manual and the TITAN Step Supplement, as required for the system.

## 2. FINAL CHECKS AND INSPECTION BEFORE USE

- 2.1. Ensure all fasteners are in place and secure.
- 2.2. Ensure that the level and slope has not shifted during installation.
- 2.3. Remove any debris and metal chips.
- 2.4. Walk on the assembled system, checking for any undue movement. If undue movement is discovered, review the assembly process to ensure no processes were missed. If that does not resolve the undue movement, do not use the system and call at 1-800-258-8503 for further direction.

**FIG. 1.3**



**FIG. 1.4**

