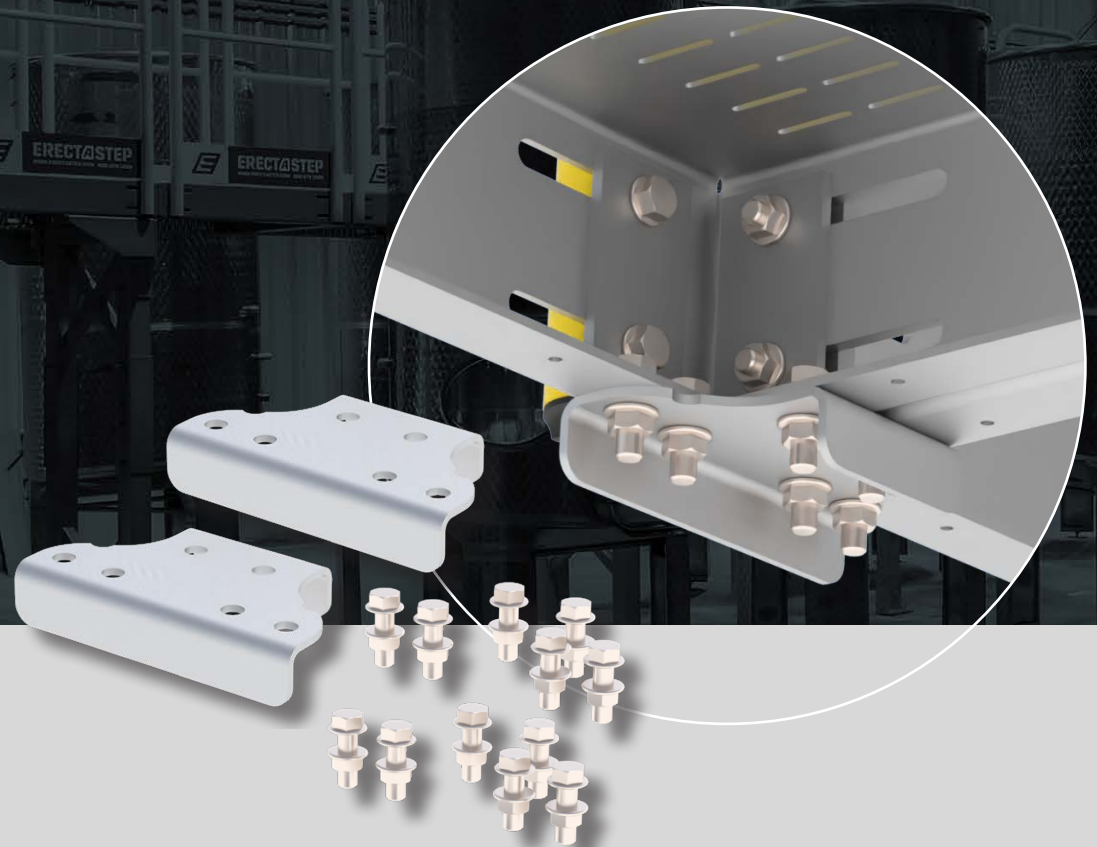




Extended Span Kit



# OWNER'S MANUAL

## Extended Span Kit



**NOTE:**

This document is intended to be used in conjunction with erectastep owner's manual!  
Please begin reading this manual once you reach page 45 in the owner's manual

# WARNINGS

REVIEW THE WARNINGS CAREFULLY. FAILURE TO UNDERSTAND THE WARNINGS AND RULES MAY RESULT IN DEATH OR SERIOUS PERSONAL INJURY.

## IMPORTANT

- Equipment should not be altered or modified from its original design without consultation with the manufacturer.
- Equipment which is damaged or becomes damaged during use, handling, or shipping is not to be used.

 **WARNING!** Backing plates must be used where designated in the instruction manual. Failure to use backing plates where designated may cause equipment to fail and may result in death or serious personal injury.

## TORQUE DATA:

- All ½" bolted connections = 678 in-lbs. (56 ft-lbs.) lubricated or 904 in-lbs. (75 ft-lbs.) dry +/-10%.

Use of impact wrenches  
**NOT** sanctioned.

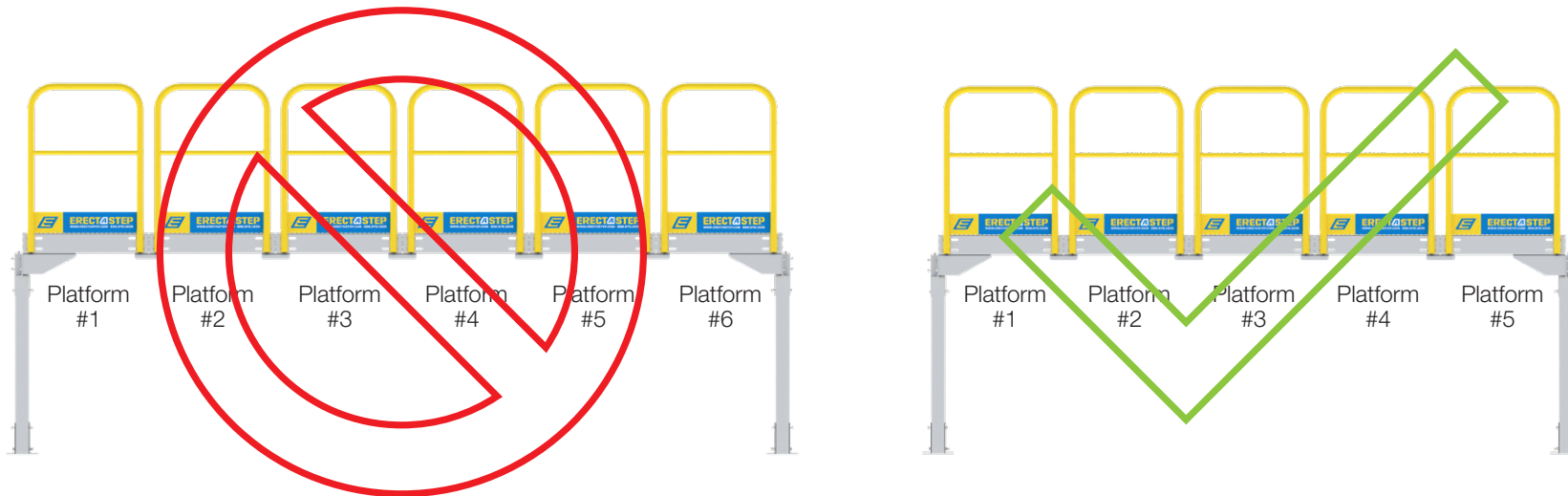


 **WARNING!** After a usage period of 60-90 days, check all fasteners to ensure connections are secure. Periodic inspection is recommended to ensure all fasteners are secured. Failure to secure all fasteners may result in death or serious personal injury.

 Loads on platforms **MUST NOT** exceed 50 PSF

## LIMITATIONS AND RULES FOR T-BRACKET USE

**⚠ WARNING!** Brackets contained in this kit can support up to 5 platforms secured to two ErectaStep towers with tower to platform support brackets on either side (Part No. 54302 54303). Failure to comply may result in a system failure, death, and/or serious injury.



**⚠ WARNING!** The brackets contained in this kit are limited to support configurations that use 3-step towers through 10-step towers on either side of the platform span. Supporting platform spans greater than 3 without the correct tower supports (along with the brackets contained in this kit) may result in system failure, death, and/or serious injury.

**⚠ WARNING!** The contents provided in this kit are supplemental to existing ErectaStep components. To properly work, all standard ErectaStep components **MUST** be present and secured to the specifications of the ErectaStep Manual. The contents in this kit do not negate any existing ErectaStep feature

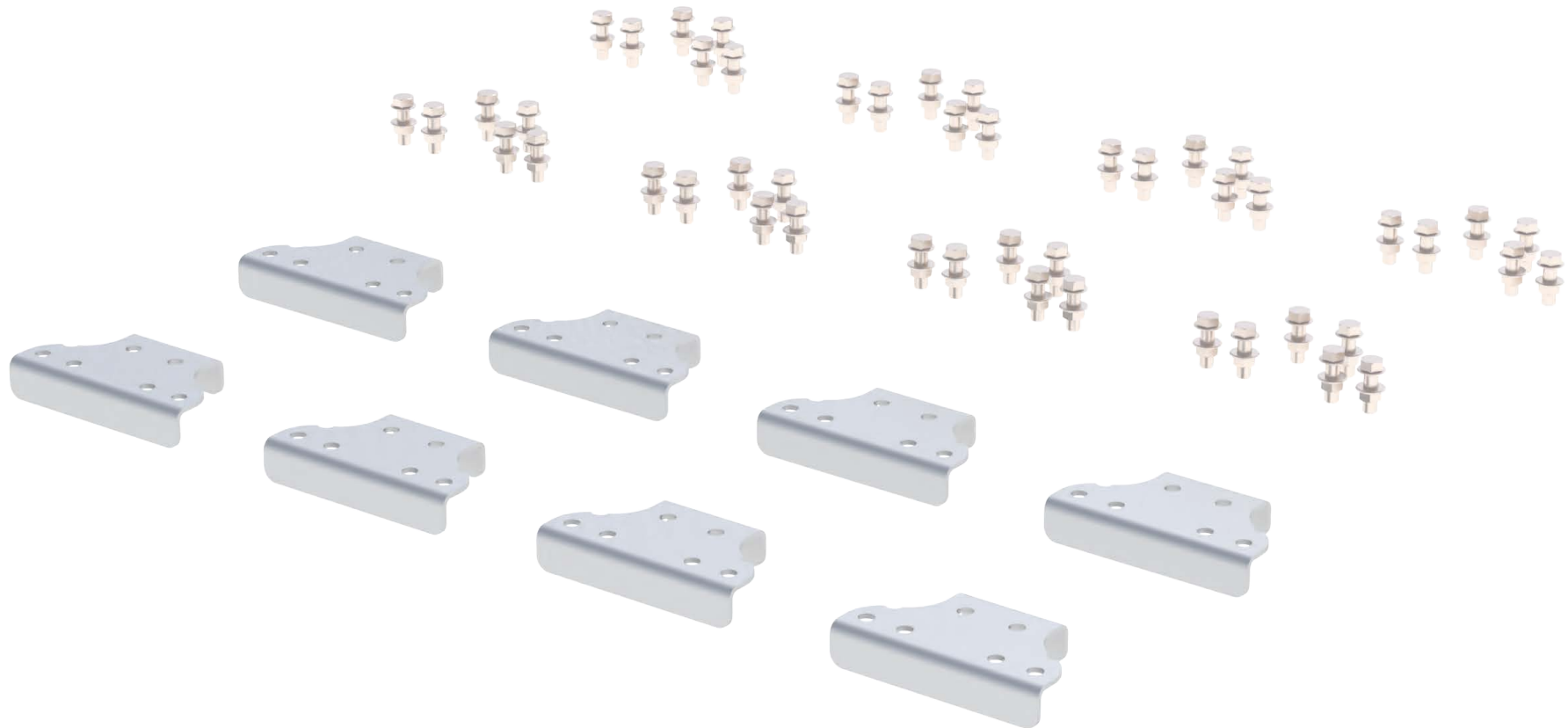
# COMPONENTS

T-BRACKET KIT (part no. 160583) contains

8 - Brackets

48 - Bolts -  $\frac{1}{2}$ " x  $1\frac{1}{2}$ "

48 - Nuts -  $\frac{1}{2}$ "



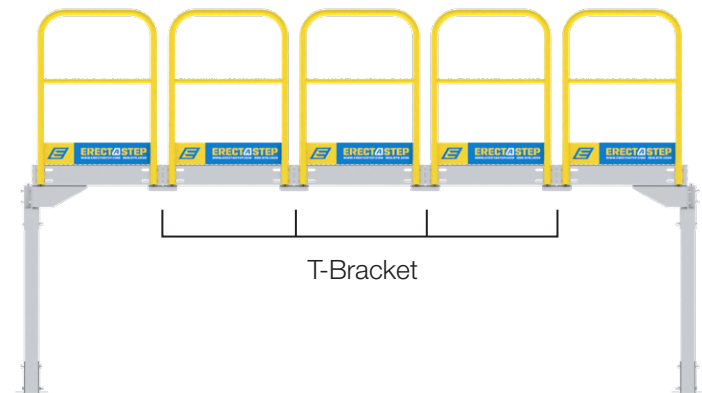
# PURPOSE OF USE

## Introduction

The ErectASStep underside bent T-Brackets contained in this kit are designed to be used when configurations require unsupported spans longer than 3 platform but no more than 5 platforms.

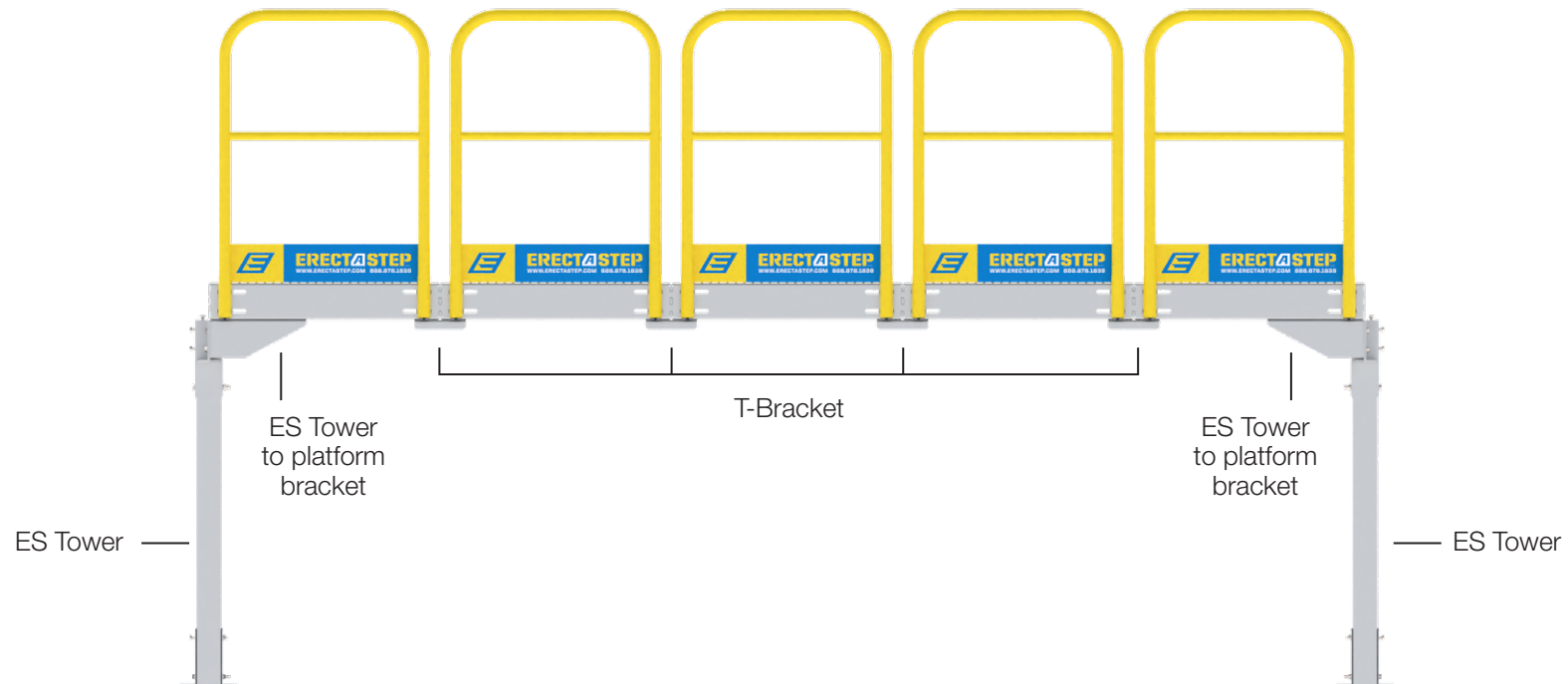


**Without ESK / Standard**



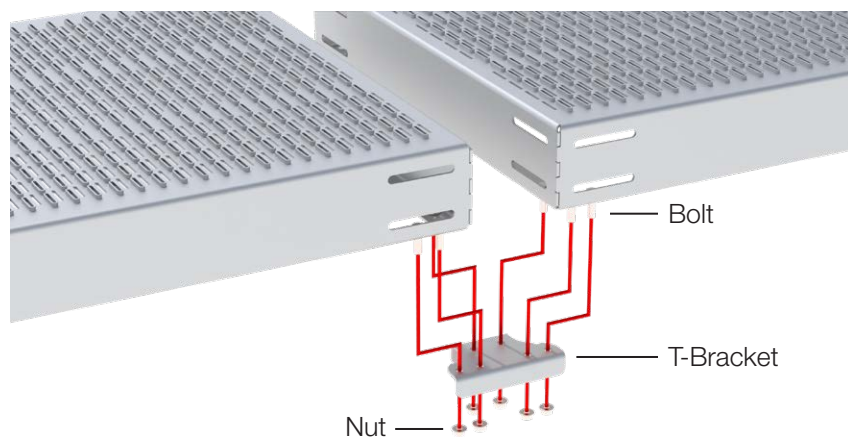
**Using ESK**

# REQUIREMENTS

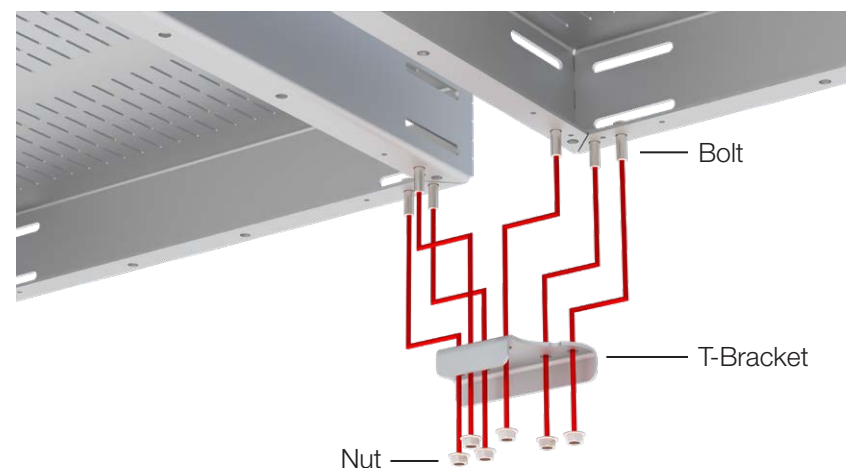


1. Systems using T-Brackets must use towers at each end of the four or five unsupported platforms.
2. System heights are limited from 3 step to 10 step towers with platform-tower brackets

# T-BRACKETS



**SIDE VIEW**

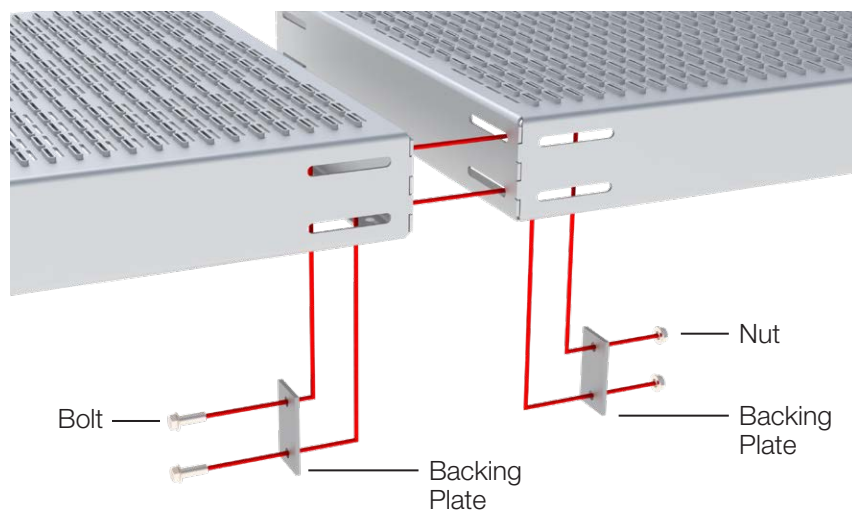


**BOTTOM VIEW**

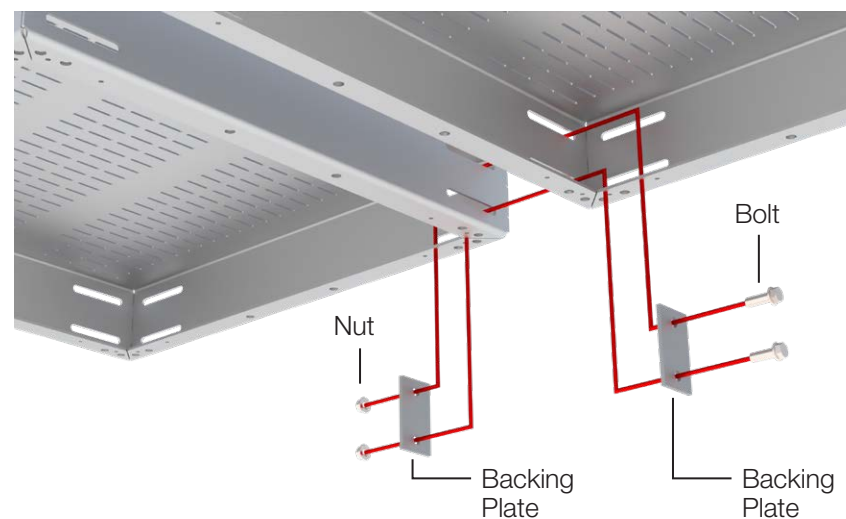
1. Position T-Brackets at corners of two platforms to join (as shown above).
2. T-Bracket will be oriented with flat edge mating to bottom of platform and bends pointing away from platform walk surface.
3. Use six (6) ½" bolts and nuts supplied to attach each T-Bracket to corner of platform. All six (6) T-Bracket holes must be used.

 **NOTE:** Two (2) t-brackets are required at each platform to platform joint – two (2) t-brackets join two (2) platforms

# BACKING PLATES



**SIDE VIEW**



**BOTTOM VIEW**

1. Position Backing Plates inside of each of the platforms to join (as shown above).
2. Use two (2) ½" bolts and nuts to attach each pair of Backing Plates.  
Four (4) backing plates and four (4) ½" bolts and nuts are needed at each platform to platform joint.

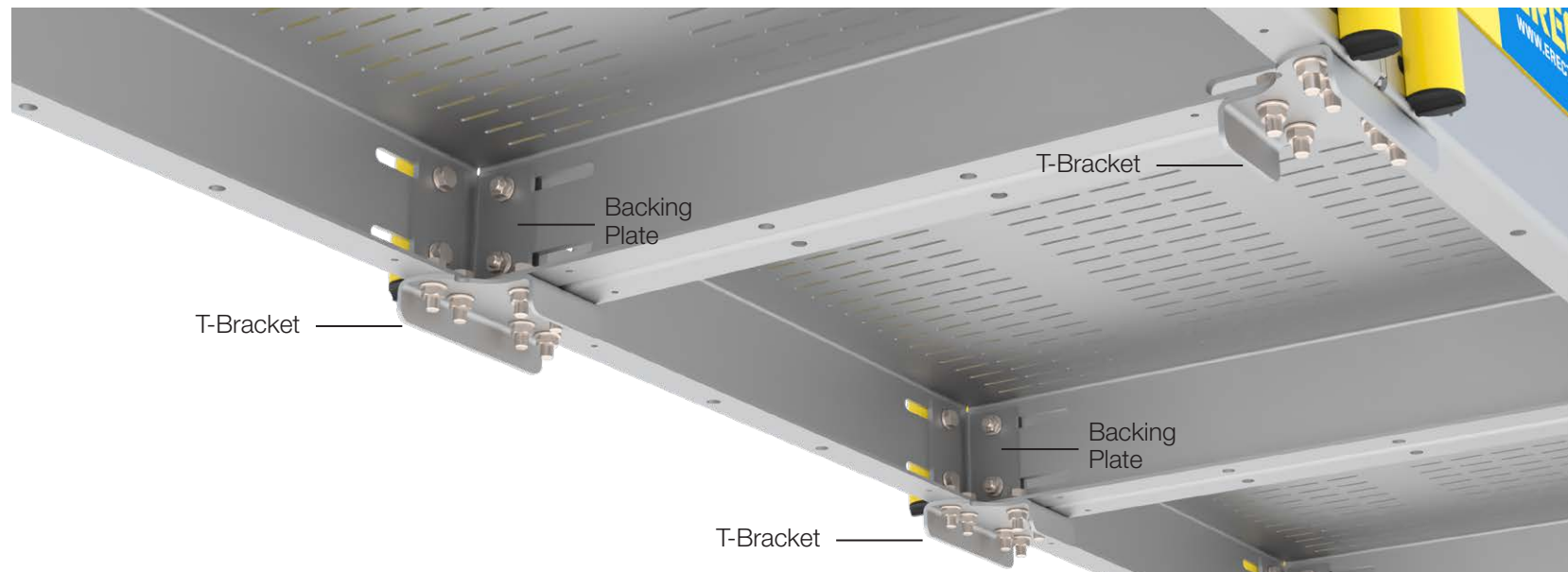


**NOTE:** Backing plates and hardware shown here are not part of platform kit.



**WARNING!** Backing plates must be as far into the corners of the platforms as possible. Failure to comply may cause equipment to fail which could result in serious personal injury or death.

## BRACKET ASSEMBLY



1. Prior to use, recheck all bolted connections to ensure hardware is securely torqued to 56 ft-lbs lubricated or 75 ft-lbs dry.
2. Complete all other steps required from the Owner's Manual based on components and configuration used.



**NOTE:** Due to bolt locations, connect t-brackets and backing plates prior to attaching handrails.



**NOTE:** See *ErectaStep manual for main component parts assembly.*

# NOTES

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