

SCAFFOLD BUILDING BLOCKS

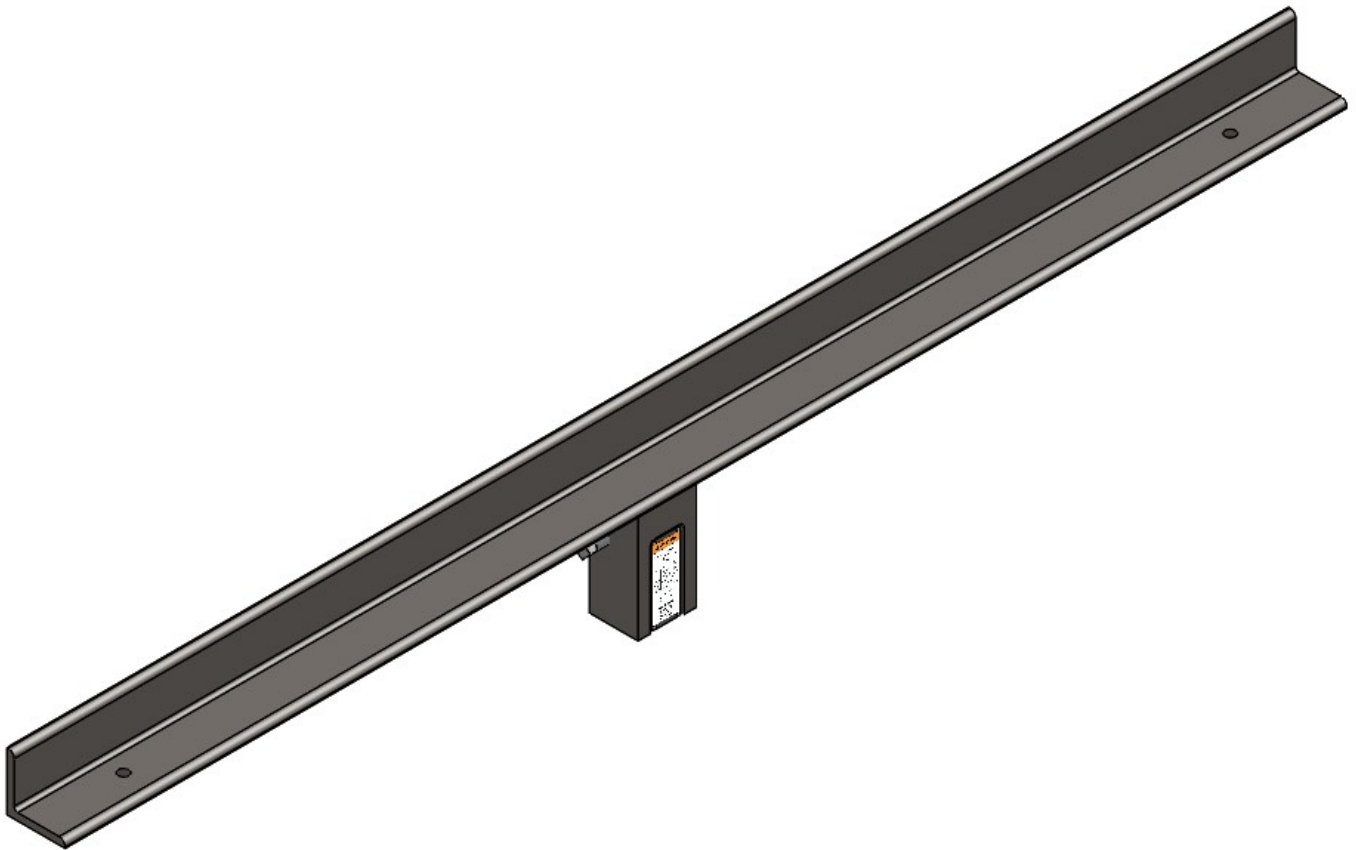


TABLE OF CONTENTS

General Warnings	3
Description and Specifications.....	4
Personal Protective Equipment	4
Installation / Assembly Tools Required	4
Section A - Installation	5
Section B - Daily Safety Checks.....	6
Bill of Materials.....	6

GENERAL WARNINGS

NOTICE

ABOUT THIS MANUAL

- The equipment covered in this manual should only be installed, used, and serviced by qualified personnel trained in proper work and safety procedures. This manual is intended to assist such trained individuals in the installation of this equipment and is not intended as a substitute for proper training and experience.
- This document or any other information regarding this equipment is not intended to cover all of the possible situations which may be encountered while using the equipment described herein. Should specific situations arise which are not covered by the information provided, or should the user desire further details, the specifics should be directed to Wurtec, Inc.
- Note: In the interest of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

GENERAL REQUIREMENTS

- Before and after each use, check for damage or excessive wear to all parts, paying close attention to the welds and set screws.
- It is recommended that two (2) qualified personnel install these tools. A hoist is recommended to lift rail block into place, guided by at least one person. One person should hold the tool in place until the other tightens at least a few rail-holding screws to prevent tool from dislodging from the rail. Once the tool is properly set onto the rail, torque each screw to the rating specified in this manual and on the tool label. As an additional safety measure, have both installers confirm torque setting of each bolt prior to use.



DANGER

- Use correct unit based on rail size outlined in the Specifications section of the manual. Use outside of specifications can result in damage to equipment and property, severe injury or death.
- Rail Blocks shall only be used with included hardware. Alternate hardware can fail resulting in damage to equipment and property, severe injury or death. Contact Wurtec Customer Service for replacement parts if misplaced, damaged or worn.

EQUIPMENT DESCRIPTION AND INTENDED USE

The **Scaffold Building Blocks** lock onto a rail, providing a secure angle to place scaffold planks. Each end of angle features a 1/2" thru hole to secure end planks. All blocks are rated per OSHA 1926 Subpart L Appendix A (see below)

SPECIFICATIONS

Part No.	Rail Size Range	Angle Length
11-185-66	5/8" - 3/4"	5 1/2'
11-185-96	5/8" - 3/4"	8'
11-186-66	1 1/8" - 1 1/4"	5 1/2'
11-186-96	1 1/8" - 1 1/4"	8'

Rated Loads		
Duty	Max Intended Nominal Load (lbs/ft)	Max Span (ft)
Light	25	10
Med	50	8
Heavy	75	6

PERSONAL PROTECTIVE EQUIPMENT

The following PPE are recommended when installing and using the Scaffolding Building Blocks:

- Safety Glasses
- Hard Hat
- Work Boots with Steel Toe and Sole
- Abrasion Resistant Gloves

INSTALLATION / ASSEMBLY TOOLS REQUIRED

The following tool list is the minimum required for installing and performing daily checks on the Scaffolding Building Blocks. The Blocks should be installed by two people with all of the following tools:

- (1) 5/8" combo box wrench
- (1) torque wrench
- (1) hoist

SECTION A: INSTALLATION

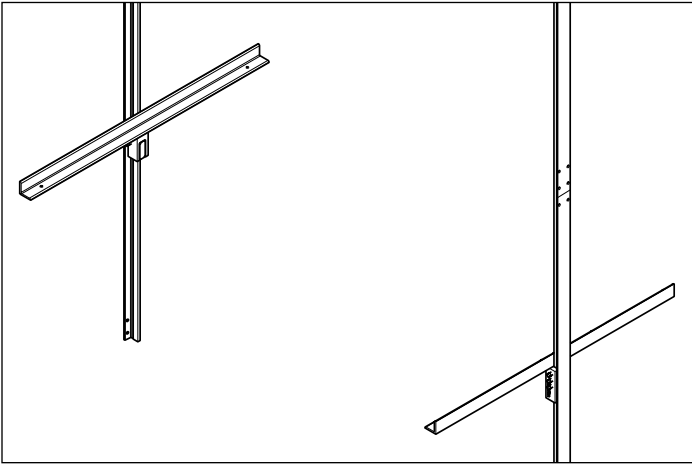


Image 01. Blocks on rails

Attach Blocks to Rails

- Hoist blocks onto rail flush to rail face
- Tighten 5/8" cup screws on blocks to the torque specified on the tag (70 ft-lbs/94 N-m)

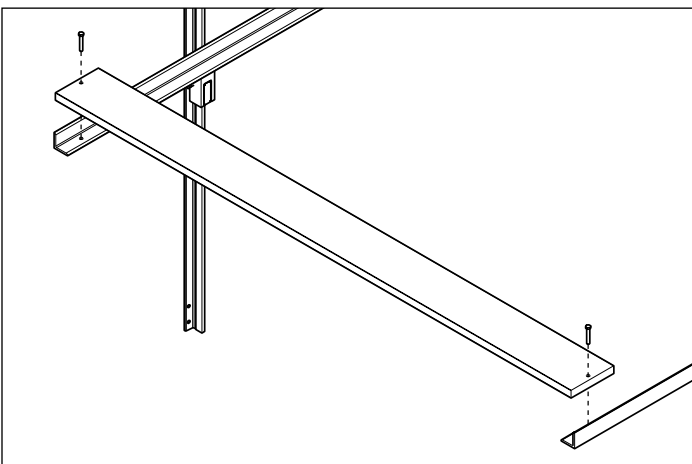


Image 02. Attaching first plank

Locate First Scaffold Plank

- Cut one OSHA compliant plank to fit on top of the building blocks, allowing no more than 1/4" clearance between angle face and end of plank
- Use 1/2" thru holes on block angles to secure plank

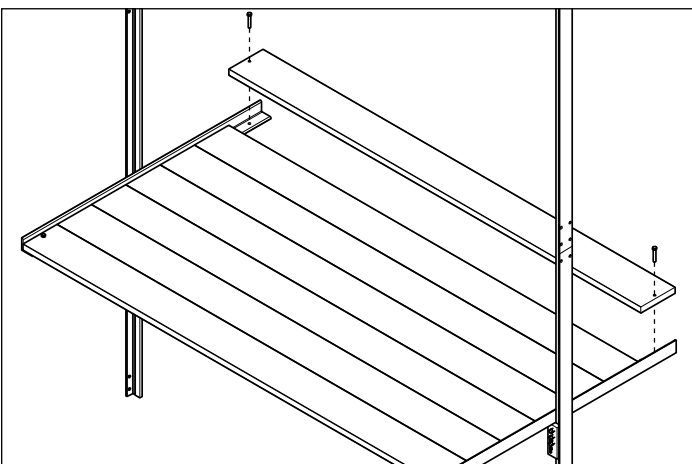


Image 03. Attaching last plank

Locate additional Planks

- Place additional intermediate planks in line, until end of block angle is reached. These planks should be sized individually and should have a clearance no less than 1/4" from angle face
- Secure the last plank to the block angle using the 1/2" thru holes located at the end of the angle

SECTION B: DAILY SAFETY CHECKS

- Confirm that planks on end of scaffold platform are secured with fasteners through 1/2" thru holes in ends of block angles
- Confirm that intermediate planks cannot be dislodge without lifting

BILL OF MATERIAL - EXPLODED VIEW

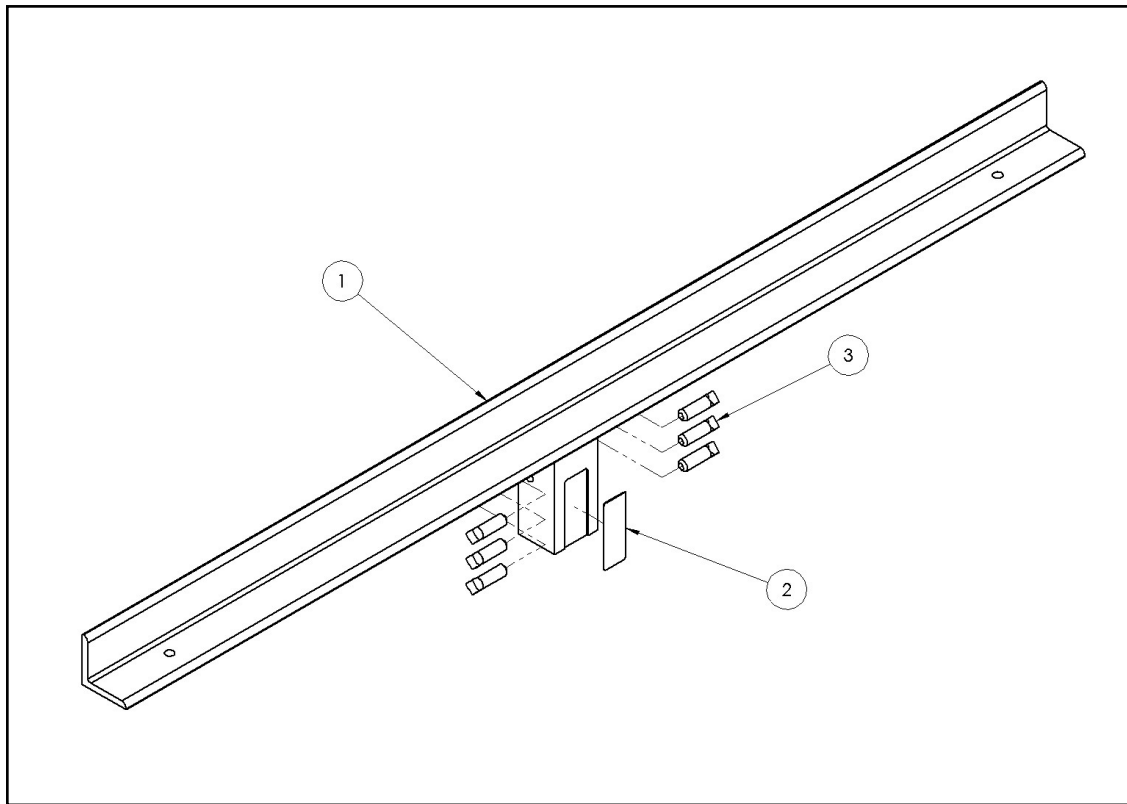


Image 04. Exploded View for BOM

BILL OF MATERIALS - SPARE / WEAR

Item	Quantities				Part No	Description	Size	Length	Spare/ Wear
	11-185-66	11-185-96	11-186-66	11-186-96					
1	1				10-10040885	5 1/2FT SCAFFOLD WELDMENT STD	-	-	-
		1			10-10051801	8FT SCAFFOLD WELDMENT STD	-	-	-
			1		10-10040886	5 1/2FT SCAFFOLD WELDMENT LRG	-	-	-
				1	10-10051804	8FT SCAFFOLD WELDMENT LRG	-	-	-
2	1	1			15-10051303	SCAFFOLD CAP TAG STD	-	-	-
			1	1	15-10051304	SCAFFOLD CAP TAG LRG	-	-	-
3	6	6	6	6	26160	SQUARE HEAD SET SCREW	5/8-11	1 3/4 In	WEAR

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