

INTERMEDIATE DUAL-LINE RAIL ALIGNMENT CLAMPS

Part No. 10-291 to 10-294

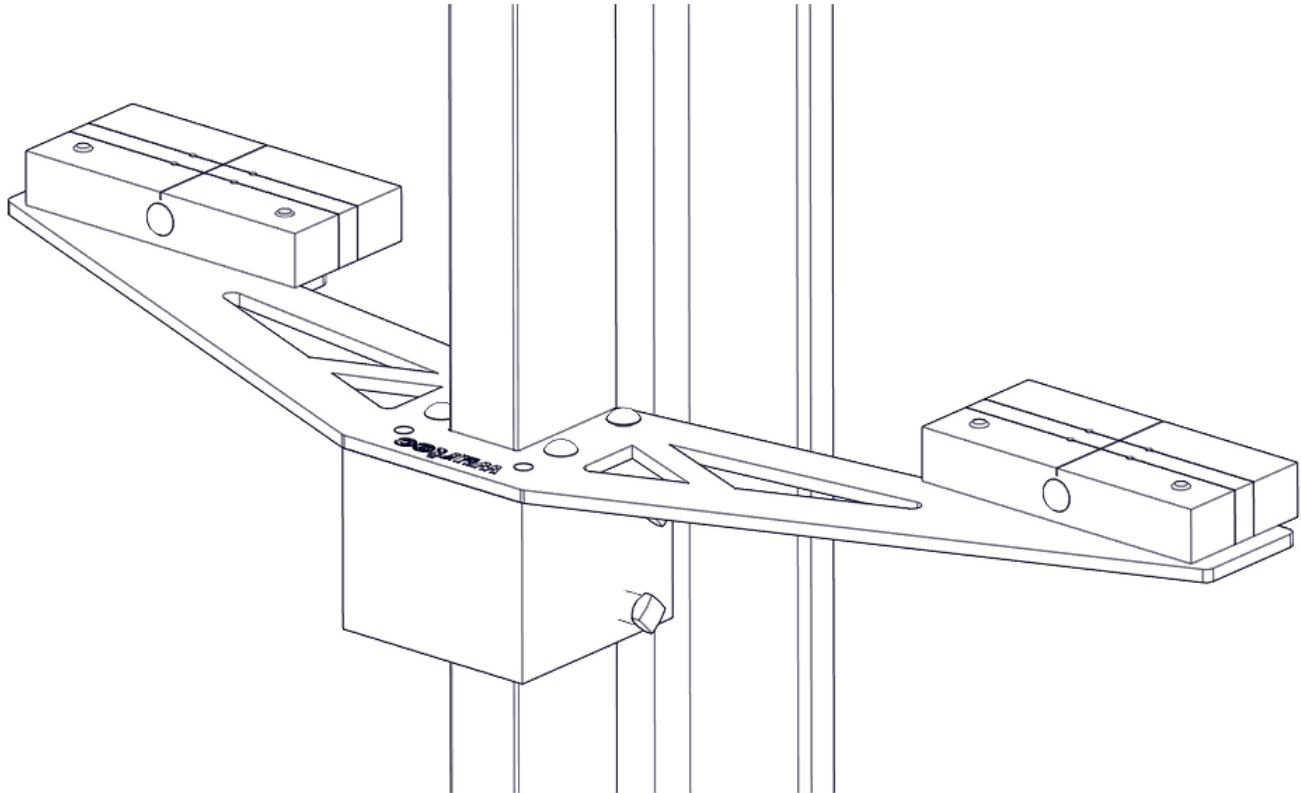


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NOTICE

GENERAL WARNINGS

1. 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 and use of this equipment and is not intended as a substitute for proper training and experience.
2. 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.
3. Note: In the effort of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

BEFORE EACH USE

- Ensure proper fasteners are used.
- Ensure proper precision rail alignment clamp for rail size is used.
- Inspect hardware before use. After each use, check for excessive wear. Refer to maintenance for details.

EQUIPMENT DESCRIPTION & INTENDED USE

Intermediate dual plumb line clamps are used during mid- to high-rise rail installations to clamp plumb lines at intermediate points along the vertical distance of the hoistway. While the plumb lines are ratcheted to be tensioned at the bottom of the hoistway, the intermediate clamps provide additional guidance for the plumb lines.

(4) intermediate dual plumb line clamps are available, each designed to match a different rail size. See the table for more information.

Rail Part Number	Rail Nose Size	Intermediate Clamp
T114/B	5/8"	10-291
T121-1/B	5/8"	10-291
T127-2/B	5/8"	10-291
T140-1/B	3/4"	10-292
T140-2/B	1-1/8"	10-293
T140-3/B	1-1/4"	10-294

PERSONAL PROTECTIVE EQUIPMENT CONTENTS

The following PPE are recommended when installing rails

- Safety glasses
- Hard hat
- Work boot with steel toe and sole
- Fall protection harness and lifeline
- Abrasion-resistant gloves

INSTALLATION / ASSEMBLY TOOLS REQUIRED

- Sockets and wrenches: 7/16" and 9/16"
- SAE ratchet wrench
- Allen key: 5/32"

SECTION A: INSTALLATION

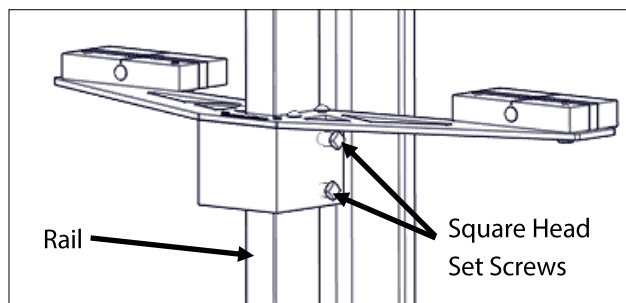


Image A1. Installation

1. Mount the plate-block unit to the nose of a rail so that it is located halfway along the vertical distance of the hoistway. Secure with the set screws on the side of the block.

SECTION B: OPERATION

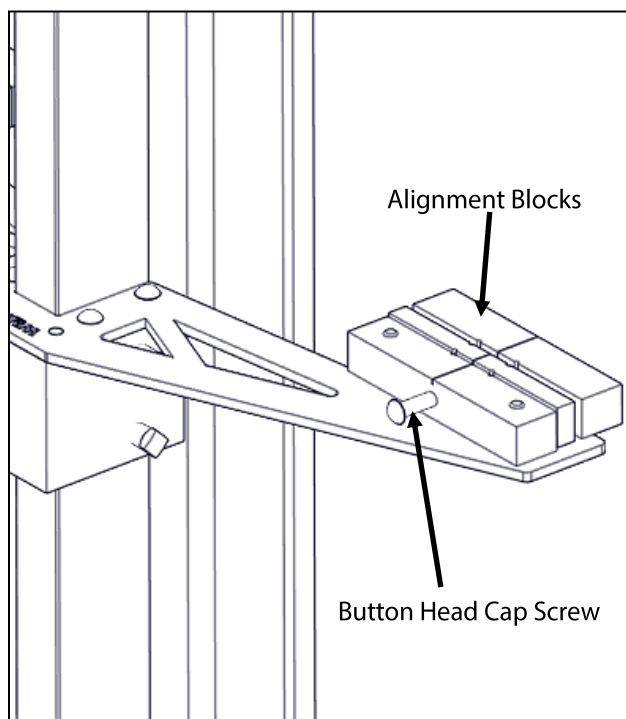
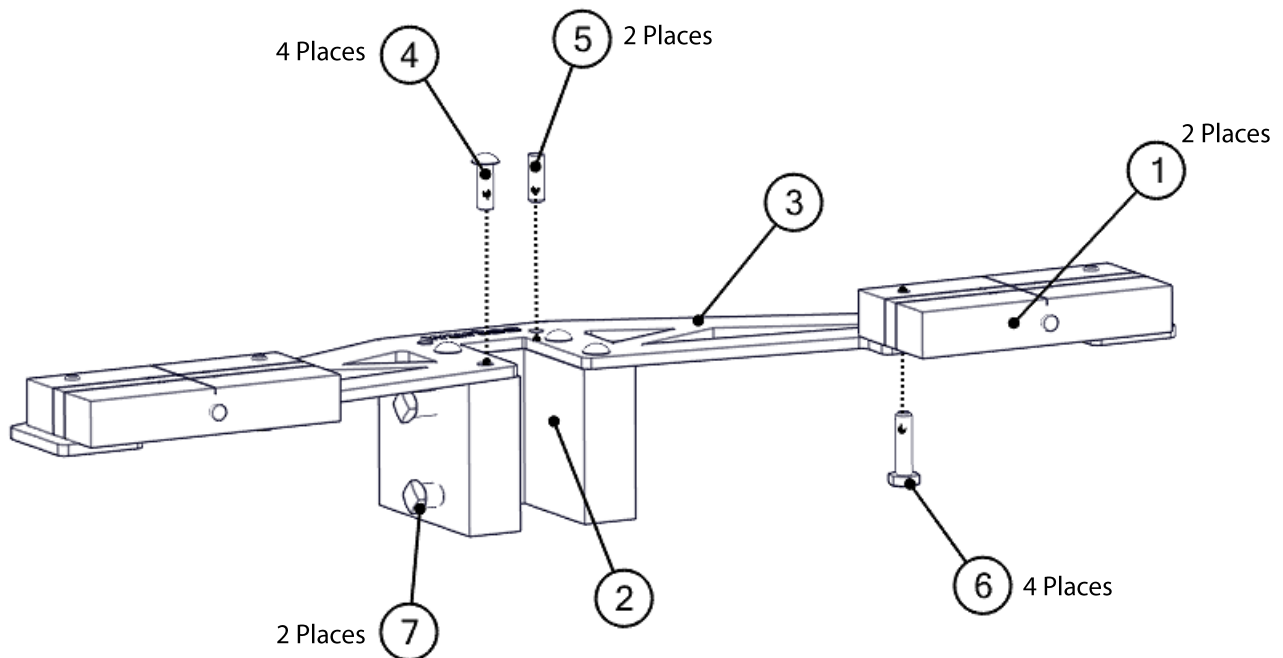


Image B1. Operation

1. To operate, unscrew the button head cap screws on the alignment blocks
2. Slightly slide out the individual alignment blocks & rotate them 90° to allow 2 plumb lines to go thru the alignment holes on each side of the plate.
3. Make the plumb lines go thru holes such that they remain straight and vertical from the top to the bottom of the hoistway. The plumb lines should have been set prior to that and tensioned with a ratchet clamp located at the bottom rail.
4. Rotate and slide back in the individual sub-blocks and screw them back together with the button head cap screw.

BILL OF MATERIALS



Item	Qty	Part No.	Description	Size	Length	Spare / Wear
1	2	10-1005582	Alignment Plumb Line Block	-	-	-
2	1	See table below	Dual Plumb Line Rail Block	-	-	-
3	1	See table below	Intermediate Plumb Line Clamp, Plate	-	-	-
4	4	94051	Button Head Cap Screw	1/4-20	3/4"	Spare
5	2	26751	Dowel Pin	1/4-20	3/4"	Spare
6	4	13005	Hex Head Cap Screw	1/4-20	1"	Spare
7	2	26071	Square Head Set Screw	3/8-16	1-1/2"	Spare

Rail Part No.	Rail Size	Block Part No.	Plate Part No.
T117/B	5/8"	10-10056484	10-10056729
T127-1/B	5/8"	10-10056484	10-10056729
T127-2/B	5/8"	10-10056484	10-10056729
T140-1/B	3/4"	10-10056590	10-10056757
T140-2/B	1-1/8"	10-10056615	10-10056770
T140-3/B	1-1/4"	10-10056756	10-10055191