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# INSTALLATION INSTRUCTIONS PARAPET LADDER SYSTEMS

## *Your Roof Access and Ladder Safety Source!*



**LadderTech L.L.C.**

7081 Dan McGuire Drive • Brighton, Michigan 48116  
Toll Free: (800) 770-8851 • Local: (248) 437-7100 Fax: (248) 486-2600  
Email: [sales@ladderport.com](mailto:sales@ladderport.com) • Web Site: [www.ladderport.com](http://www.ladderport.com)



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## **SYSTEM INSTALLATION INSTRUCTIONS PARAPET BACK LADDER WITH LADDERPORT™**

**IMPORTANT: READ ALL SAFETY INSTRUCTIONS AND WARNINGS PRIOR TO BEGINNING INSTALLATION**

**WARNING:**

- ♦ Always consult with a licensed architect or structural engineer for proper attachment to each building.
- ♦ Always follow all OSHA safety procedures.
- ♦ Always check all building codes prior to performing any building modification.

**RECOMMENDED PROCEDURE FOR A TYPICAL LadderPort BACK LADDER INSTALLATION:**

**INSTALLERS SHOULD REVIEW ENTIRE INSTALLATION PROCEDURE BEFORE STARTING INSTALLATION.**

This installation procedure is intended for use when mounting LadderPort Back Ladder to a masonry type wall, wood or other strong wall. *Follow a licensed architect or engineer's mounting recommendations for installation of LadderPort equipment on all types of construction.*

1. Prior to starting installation, review and follow proper OSHA fall protection procedures.(i.e. Harness, lanyard, tie-off, etc.)
2. When installing Parapet Back Ladder along with a LadderPort we recommend using an aluminum diamond Joiner Plate to join the components together for additional rigidity and strength.
3. Place Joiner Plate in proper position, set Back Ladder top mounting plate and drill 1/8" holes if using supplied sheet metal/wood screws. If using customer supplied fasteners drill hole size to match.
4. Upon completion of hole placement, drill oversized holes in Joiner Plate to allow the supplied screws to pass through the diamond plate.
5. Sealant should be applied below the Joiner Plate and the Parapet Back Ladder Top Plate to prevent water penetration into structure, then fasten top plate and joiner plate to parapet.
6. Bolt Back Ladder to Top Plate using the supplied 5/16 bolts and nylock nuts.
7. Install adjustable legs on Base Plate Assembly using 5/16 bolts and nylock nuts;
8. Slip legs into main Back Ladder side supports.
9. \*Adjust telescoping legs so stair treads are level when weight is put on Back Ladder. Once treads are level, drill through telescoping legs in existing lower mounting holes of main side rails. See Detail A. Place supplied 5/16 SS bolts and nylock washers and tighten.
10. After installation of Back Ladder is complete check for rigidity, which is critical for safety.

**MATERIALS INCLUDED – Back Ladder Assembly Kit**

- 1 – 5/16" Drill Bit
- 4 - 5/16 x 2" stainless steel bolts
- 4 – 5/16" Nylock Washers
- 7 – 1 ½" Wood/Sheet Metal Screws      **(Extra screws, bolts & washers may be included)**

\*NOTE: When installing **1-Step Back Ladder** with a parapet height of approximately 16" or less, it *may* be necessary to field cut the extension legs. Check measurements prior to drilling through legs.

For Installation Questions or Additional Orders: Call 800-770-8851  
Monday – Friday / 8:00 AM to 5:00 PM EST or e-mail us at [sales@ladderport.com](mailto:sales@ladderport.com).  
Back Ladder System should not be used for anything other than its intended purposes.  
**Always check state and local building codes prior to installation on any building.**

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## **SYSTEM INSTALLATION INSTRUCTIONS PARAPET BACK LADDER WITH LADDERDOCK**

**IMPORTANT: READ ALL SAFETY INSTRUCTIONS AND WARNINGS PRIOR TO BEGINNING INSTALLATION**

### **WARNING:**

- ◆ Always consult with a licensed architect or structural engineer for proper attachment to each building.
- ◆ Always follow all OSHA safety procedures.
- ◆ Always check all building codes prior to performing any building modification.

### **RECOMMENDED PROCEDURE FOR A TYPICAL LadderPort BACK LADDER INSTALLATION:**

### **INSTALLERS SHOULD REVIEW ENTIRE INSTALLATION PROCEDURE BEFORE STARTING INSTALLATION.**

This installation procedure is intended for use when mounting LadderPort Back Ladder to a masonry type wall, wood or other strong wall. *Follow a licensed architect or engineer's mounting recommendations for installation of LadderPort equipment on all types of construction.*

1. Prior to starting installation, review and follow proper OSHA fall protection procedures.(i.e. Harness, lanyard, tie-off, etc.)
2. **IMPORTANT NOTE:** When installing a Parapet Back Ladder with a LadderDock, the Back Ladder should be offset from the LadderDock for safer transition to/from ladder and Back Ladder. When installing Parapet Back Ladder along with a LadderDock we recommend using two aluminum diamond joiner plates with bend. One at LadderDock installation, the 2<sup>nd</sup> at the Back Ladder.
3. Place Bent Joiner Plate in proper position, set Back Ladder top mounting plate and drill 1/8" holes if using supplied sheet metal/wood screws. If using customer supplied fasteners drill proper hole size.
4. Upon completion of hole placement, drill oversized holes in Joiner Plate to allow the screws to pass through the diamond plate.
5. Sealant should be applied below the Joiner Plate and the Parapet Back Ladder Top Plate to prevent water penetration into structure, then fasten Top Plate and Joiner Plate to Parapet.
6. Bolt Back Ladder to Top Plate using the supplied 5/16 bolts and nylock nuts.
7. Install adjustable legs on Base Plate Assembly using 5/16 bolts and nylock nuts; slip legs into main Back Ladder side supports.
8. \*Adjust telescoping legs so stair treads are level when weight is put on Back Ladder. Once treads are level, drill through telescoping legs in existing lower mounting holes of main side rails. See Detail A. Place supplied 5/16 SS bolts and Nylock washers and tighten.
9. After installation of Back Ladder is complete check for rigidity, which is critical for safety.

### **MATERIALS INCLUDED – Back Ladder Assembly Kit**

- 1 – 5/16" Drill Bit
- 4 - 5/16 x 2" stainless steel bolts
- 4 – 5/16" Nylock Washers
- 7 – 1 ½" Wood/Sheet Metal Screws      **(Extra screws, bolts & washers may be included)**

\*NOTE: When installing **1-Step Back Ladder** with a parapet height of approximately 16" or less, it *may* be necessary to field cut the extension legs. Check measurements prior to drilling through legs.

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Back Ladder System should not be used for anything other than its intended purposes.  
Always check state and local building codes prior to installation on any building.

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## WARRANTY AND RETURN POLICY

### WARRANTY

LadderTech, LLC (hereinafter referred to as LadderTech) guarantees our products are free of defects in workmanship and material. Such warranty is in effect for one year from date of purchase. Warranty excludes minor defects in material coatings (i.e. galvanizing, powder coating and other like coatings).

In the unlikely event, a defective product is shipped LadderTech must be notified in writing immediately upon receipt of receiving the defective product. If notification of receipt of defective product is not received within 30 days of receipt of product, LadderTech reserves the right to void the warranty. If, in the sole opinion of LadderTech the product is determined to be defective, LadderTech's obligation is limited to replacement of the defective product with a like product of equal or greater value.

LadderTech products must not have been subject to accident; misuse, abuse or use contrary to the instructions provided in the instruction manuals or contrary to the reasonable intended use of the products. This warranty covers only defects arising from the workmanship, construction and material involved in the manufacturing of the product. This warranty does not cover defects arising from deterioration due to normal wear and tear, the use of the product in a manner other than as instructed in the installation manual or modification of product, design, improper installation, neglect, lack of routine maintenance or unauthorized repairs. LadderTech assumes no responsibility or has no control over nicks, cuts, scratches or any other normal wear and tear during any consumer's usage. Incidental, indirect, special, or consequential damages are excluded in this warranty. Any determination by LadderTech with respect to such matters shall be final.

LadderTech makes no other warranty, expressed or implied, to the merchantability, fitness for a particular purpose, design, sale, installation, or use, of our products; and shall not be liable for incidental or consequential damages, losses or expenses, resulting from the use of our products. Many states and localities have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While LadderTech attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, please review the product application, and national and local codes and regulations, to be sure that the product, installation, and use will comply with them.

LadderTech accepts no responsibility for actions caused by improper use of our products or for use other than its intended purpose. It is user's responsibility to inspect product for usability, stability, and complete routine inspections and maintenance on an ongoing basis. Although every effort has been made to use the longest lasting fittings and installation materials, as with all metal products, over time, screws, bolts, etc. corrode, loosen and rust and must be routinely inspected and maintained, which includes but is not limited to tightening, repair or replacement as necessary.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, NO OTHER WARRANTIES OR CONDITIONS, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO LADDERTECH PRODUCTS; UNDER NO CIRCUMSTANCES SHALL LADDERTECH, LLC BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED IN CONNECTION WITH OUR PRODUCTS AND LADDERTECH, LLC NEITHER ASSUMES NOR AUTHORIZES ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT ANY OBLIGATION OR LIABILITY OTHER THAN SUCH AS IS EXPRESSLY SET FORTH HEREIN. THIS WARRANTY GIVES A PURCHASER OF LADDERTECH, LLC PRODUCTS SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM PROVINCE TO PROVINCE, AND STATE TO STATE.

### RETURNS

Upon inspection, returns that are deemed resalable are subject to a 25% restocking fee. No returns accepted on used, special order or custom built items. Returns must be made within 30 days of INVOICE date to be eligible for any refund. No credit will be given for returns that are determined not to be resalable. Any determination by LadderTech, LLC with respect to such matters shall be final. Buyer is responsible for *all* freight charges.

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