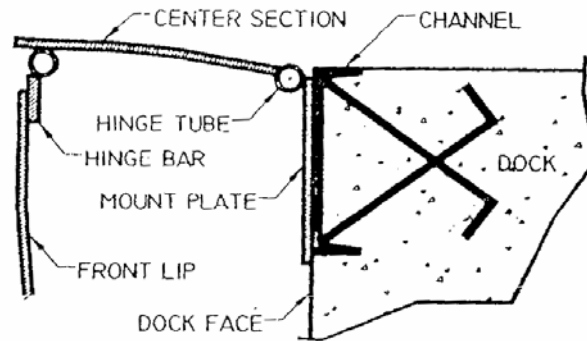


EZ Pull Edge of Dock Leveler INSTALLATION GUIDE

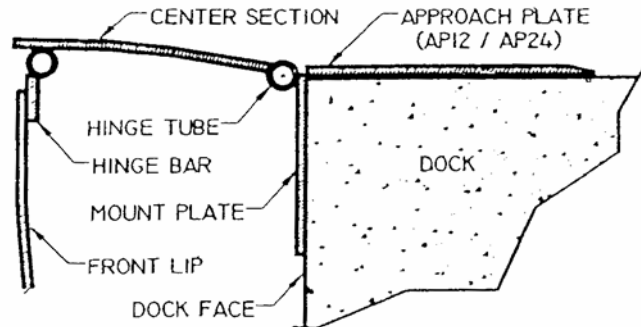
INSTALLATION (TYPE I) STEEL CHANNEL FACE OF 8" OR MORE Anchored to Concrete at Correct Height



NOTE: REMOVE LATCH AND HANDLE BEFORE INSTALLING UNIT!
 Latch and Handle are attached to mount plate for shipping purposes only!

1. Prior to mounting refer to EZ-Pull Edge of Dock Leveler Owners Manual. Section on dock parameters.
2. Check straightness of existing channel with plumb line. If out of alignment shimming may be required. Any out of alignment condition will result in a binding problem on the hinges. **DO NOT** weld to angle, which is not anchored into the concrete. **IMPORTANT:** Make certain leveler is straight and plumb.
3. Center EZ-Pull leveler against dock.
4. Position EZ-Pull leveler with top of the height tabs above the dock/channel.
5. Tack top of mount plate at the center point of leveler to embedded channel.
6. Tack mount plate alternating from left to right of center point tack vertical edges of mount plate to embedded channel.
7. Remember to shim where necessary to keep mount plate straight.
8. Weld the top of the mount plate to dock face continuously from the center out
9. Weld ends (vertical edges) of mount plate to the channel.
10. Position and tack bumpers level to mount plate with 1" gap between molded bumper and front lip.
11. Drill for anchor bolts. Weld top side of bumper assembly to dock/channel
12. Secure bottom of bumper assembly with anchor bolt or weld. (Use 3/4"x 4" wedge anchor bolts).
13. Remove slag from welds.
14. Re-grease unit. Welding will burn out any grease in the hinge tube
15. Paint any burned edges. (See pg.4 of Installation Guide for color numbers).
16. Attach latch arm. Position with notch facing the dock. Bolt latch so that latch will swing freely. (See pg. 4 of EZ-Pull EOD Owners Manual- "Assembly Drawing")
17. Remove bolt from handle. Position handle into sleeve tube with bend facing out. Replace bolt in bottom of handle.
18. Test unit for proper operation (See pg.2 of EZ-Pull EOD Owners manual).

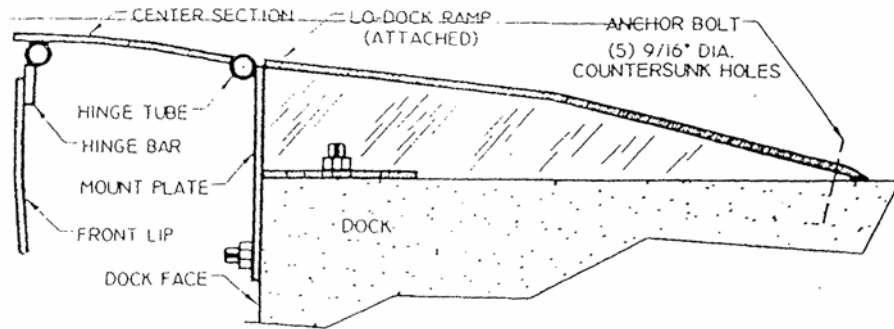
**INSTALLATION (TYPE II)
 TRANSITION PLATE
 FOR DOCKS WITH OUT SUITABLE STEEL @ CORRECT HEIGHT**



NOTE REMOVE LATCH AND HANDLE BEFORE INSTALLING UNIT!
 Latch and handle are attached to mount plate for shipping purposes only!

1. Refer to EZ-pull Edge of Dock Leveler Owners manual.
2. Center beveled approach in the desired location flush with the face of the dock. Cut if required to fit door. The following approach plate required for proper installation.
 - AP12C-120"x 12" steel approach plate with countersunk holes and beveled edge. Approach plates require (5) heavy-duty expansions shield anchor bolts with 1/2" Flat head Socket Cap Screws. Locate approach plate. Drill anchor holes with 9/16" pilot drill. Move approach plate and drill with a 7/8" drill. Place approach plate back into position and anchor. This method permits tightening of anchors and minimizes burned paint.
3. Center EZ-Pull leveler against dock.
4. Position EZ-Pull leveler with the top of hinge tubes 1/8" above approach plate.
5. Tack top of mount plate @ center point of leveler to the approach plate.
6. IMPORTANT: Make certain leveler is straight and plumb. Remember to shim if necessary
7. Drill 7/8" holes and anchor bottom of mount plate with (5) 3/4" x 4" + wedge anchors.
8. Weld top of mount plate to the approach plate continuously from the center out.
9. Position and tack bumpers level to mount plate with 1" gap between molded bumper and front lip.
10. Locate and drill for anchor bolts.
11. Weld continuously top of bumper plate to approach plate and secure bottom with anchor bolt.
12. Remove slag from welds.
13. Re-grease unit. Welding will burn out any grease in the hinge tube.
14. Paint any burned edges. (See pg.4 of Installation Guide for color numbers).
15. Attach latch arm. Position with notch facing the dock. Bolt latch. Latch should swing freely. (See pg.4 of EZ-Pull EODD Owners manual-"Assembly Drawing")
16. Remove bolt from handle. Position handle into sleeve tube with bend facing out. Replace bolt.
17. Test unit for proper operation (See pg 2 of EZ-Pull EOD Owners manual)

**INSTALLATION (TYPE IV)
 LO-DOCK APPLICATION-3" TO 9" TOO LOW**



NOTE: REMOVE LATCH AND HANDLE BEFORE INSTALLING UNIT
 Latch and handle are attached to mount plate for shipping purposes only!

1. Refer to EZ-Pull Edge of Dock Leveler Owners manual
2. Position Lo-dock unit into desired location.
3. This unit requires (5) heavy- duty expansion shield anchor bolts and (9) ¾" x 4"+ wedge anchor bolts
4. Drill 9/16" pilot hole through top approach plate mount holes.
5. Move Lo-dock out of position and drill pilot holes with 7/8" drill.
6. Place expansion shields in holes with threads facing down
7. Re-position Lo-dock unit and anchor with ½" flat head socket cap screw x 3 ½" long
8. Drill and anchor front of Lo-dock with ¾" x 4" wedge anchors
9. Attach latch arm Position with notch facing the dock. Bolt latch. Latch should swing freely. (See pg 4 of EZ-Pull EOD owners manual "Assembly Drawing")
10. Remove bolt from handle. Position handle into sleeve tube with bend facing out. Replace bolt.
11. Test unit for proper operation (See pg. 2 of EZ-Pull EOD Owners manual).

SPECIAL NOTES

- REMOVE LATCH AND HANDLE BEFORE INSTALLING LEVELER
- THE EZ-PULL LEVELER IS NOT DESIGNED FOR WELDING TO CURB ANGLE (SEE INSTALLATION TYPE11)
- TOUCH-UP PAINT- RUST-OLEUM SMOKE GREY 7786
 RUST-OLEUM ROYAL BLUE 7727
- ALWAYS TRAVEL AT SPEEDS IN CONTROL AND BELOW 3MPH
- IT IS IMPORTANT TO WELD CONTINUOUSLY (NOT SKIP WELD)
- ACROSS TOP OF ENTIRE MOUNT PLATE
- FOR PIT INSTALLATION CONTACT YOUR LOCAL DEALER

OTHER DOCK AND WAREHOUSE EQUIPMENT OFFERED BY
Bluff Manufacturing

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