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Installation Instructions

for

3000 lb Capacity Mechanical Lift 3 Hinge Kits

- 1) Mark the center to center location between the top and bottom **Series W Mod 5133 Hinges**. These are the outer hinges that support the horizontal loads. They do not support any door weight.
- 2) Mark the center location of the **LIFTU Mod 5133**, half-way between the 2 outer hinges. This hinge supports the full weight of the door, in addition to providing the lifting action.
- 3) *Alignment along height of door:* align all 3 hinges using the bolt centerlines in the direction of the door's height. This can be accomplished using a laser, string line, straight-edge, or other means to assure the centerline of all 9 holes on each side of the door and jamb, intersects the centerline of the measurement tool.
- 4) Assure the gap between the door and jamb is consistent along the entire height of the door, and the door and jamb are level with each other. Assure the 9-hole bolt centerlines are parallel with the door and jamb edges.
- 5) Assure the 3 horizontal rows of mounting holes on each side of the hinge are aligned horizontally.
- 6) When using the hinges as a template, we recommend that they be temporarily secured by tack welding or clamping the hinges to the door and frame prior to transfer punching. For proper transfer to the center of each hole, make sure to use the correct diameter transfer punch for the hole diameter in the hinge.
- 7) Remove the hinges prior to drilling and tapping. We recommend using a portable magnetic drill and to pre-drill with a smaller diameter directly over the transfer punch marks to prevent "drill walk".
- 8) *Alignment along thickness of door:* using the same measurement tools described in 3), check door and jamb mounting surfaces for flatness and shim as required.
- 9) Mount the (2) **Series W Mod 5133** outer hinges, and the **LIFTU Mod 5133** center hinge in the locations described in 1) and 2). Refer to bolting specifications.
- 10) Assure the door and frame are installed *plumb* for the Mechanical Lift 3 Hinge Kit to function properly.