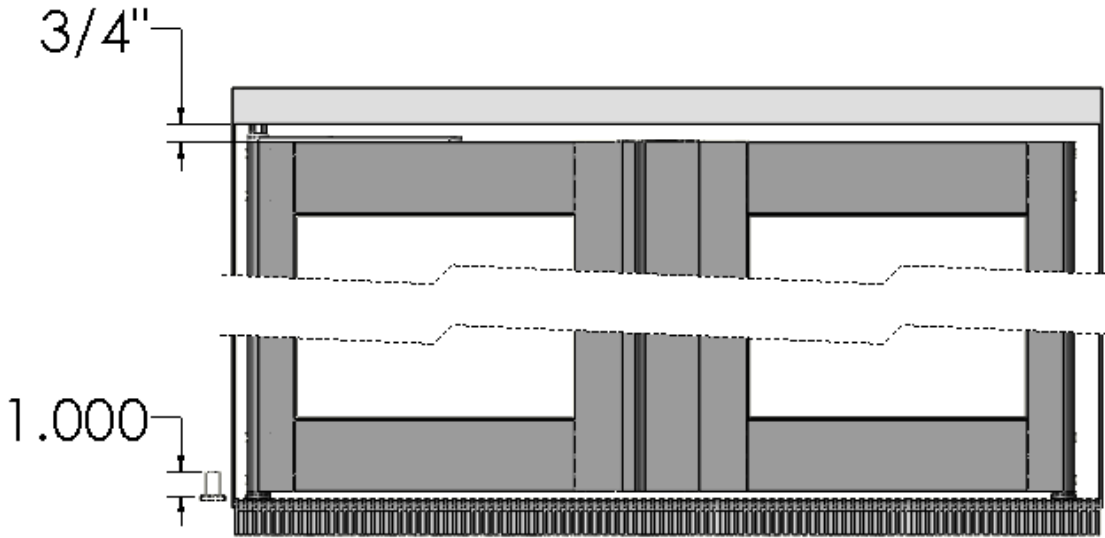


DOC00067, Lower Pivot Installation Detail

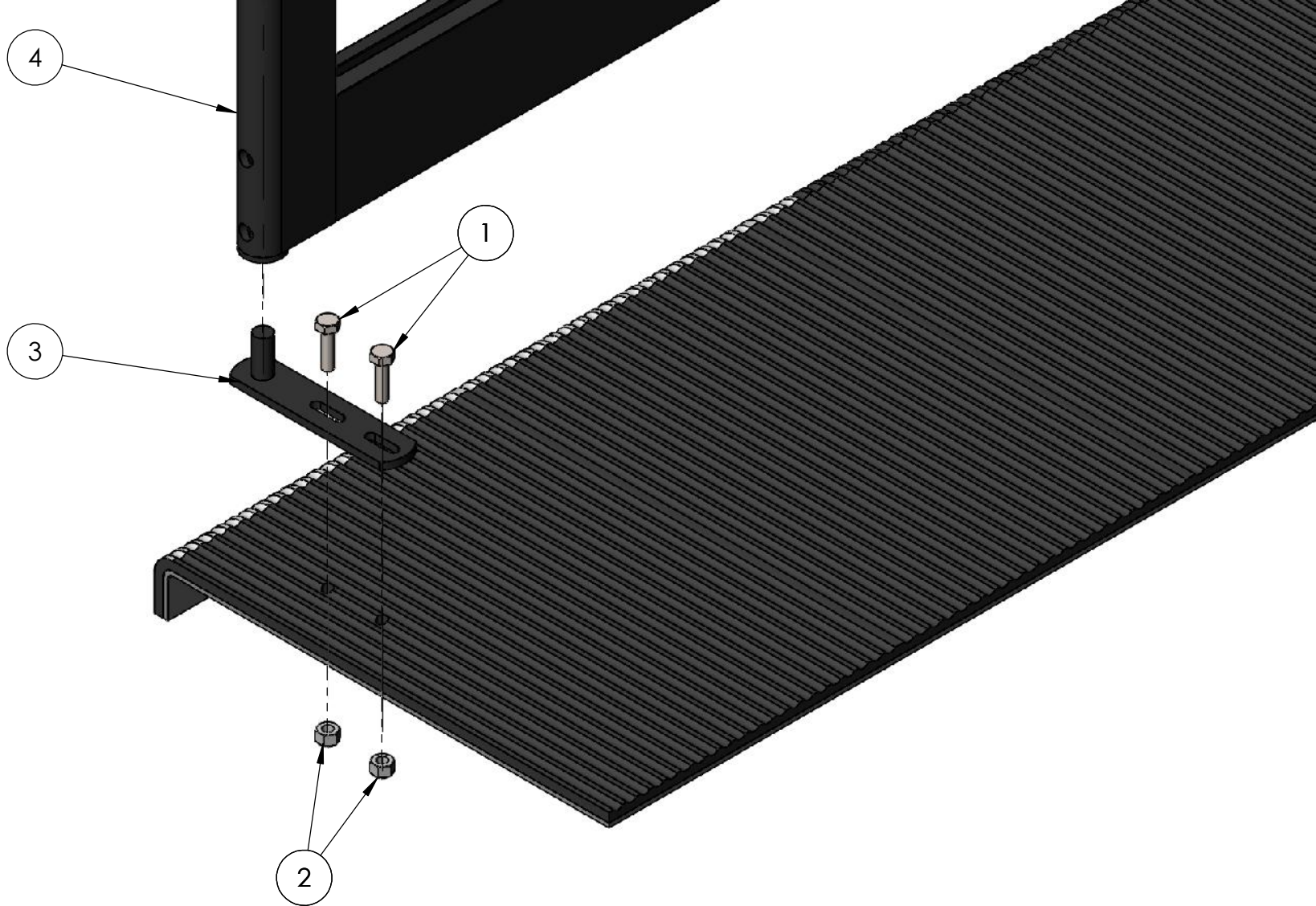
- 1) Install actuator in correct location over the header of the door portal. Place mounting hardware when installing actuator but do not tighten the hardware. Make sure that the actuator is about fully open.
- 2) Apply a coating of anti-seize to the 5/8" hex at the top of the door as well as to the inside of the actuator arm.
- 3) Place lower pivot into bushing already installed in to bottom of the door leaf. Hold these in place with your hands until the door is fully installed to the actuator.
- 4) Install the door leaves by sliding the male hex of the door into the female hex of the actuator.
- 5) Rotate the bottom of the door leaf back so that the lower pivot can rest on the bottom step.
- 6) Repeat steps 2-5 for the second door leaf.
- 7) Tighten the bolts holding the actuator to proper bolt spec.
- 8) Open the door 100%. Sight down the door edges and check for doors parallel. If edges are within ¼" of parallel, mount lower pivots of door panel to the step framing using the center of the elongated hole. Do not tighten the pivots mount bolts.
- 9) Again, check for parallel doors when 100% open. Make any changes by sliding the lower pivot slightly in or out.
- 10) Tighten lower pivot bolts to proper bolt spec.
- 11) Measure the gap at the top of the door from the aluminum to the top of the finished portal. Compare this number to the length of the lower pivot pin inserted into the door bushing. The difference between the two dimensions should be 1/8" or greater. If this is not the case, or the door can be removed at any time without removing the lower pivot, this is not a proper installation, please contact engineering. See example below for further details.



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Example: The lower pivot shown here has a pin length of 1". The gap between the top of the door panel and the finished portal is 3/4" (Notice: this dimension is from the top of the aluminum frame of the door and not from any attachments on the door such as the torque arm). With the doors installed, there is no way for the door to be removed without removing the lower pivot. $1" - \frac{3}{4}" = \frac{1}{8}"$ This installation conforms to the guidelines outlined in #11.



ITEM NO.	DESCRIPTION	QTY.
1	1/4-20 or 1/4-28, Grade 5 min, Zinc-Plated	2
2	1/4-20 or 1/4-28, Nyloc, Grade 5 min, Zinc Plated	2
3	1707, Lower Pivot, E-Coated Carbon Steel, Black	1
4	Door Assembly	1