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|  | Client: VotingWorks | Doc. No.: VWX-001-D022 |
| | Project: Ballot Receptacle | Revision: X01 |
| | Doc. Title: Door Latch Assembly Instruction | Date: 2024-10-16 |

1.0 PURPOSE

The purpose of this document is to describe the required parts, assemblies, tools, preparation, and process to assemble the Door Latch Assembly (VX~01-10084).

2.0 PARTS & ASSEMBLIES

2.1 Made-To-Spec (MTS)


| Item Number | Description | Reference Name |
|-------------|-------------------------------|----------------|
| VX~02-10088 | TUBE, DOOR LATCH | TUBE |
| VX~02-10092 | BEARING, DOOR LATCH, MACHINED | BEARING BLOCK |
| VX~02-10093 | MOUNT, DOOR LATCH, MACHINED | MOUNTING BLOCK |
| VX~02-10097 | HANDLE, DOOR | HANDLE |
| VX~02-10098 | LATCH, DOOR | LATCH HOOK |
| VX~02-10104 | SPRING, RETURN, DOOR LATCH | RETURN SPRING |

2.2 Off-The-Shelf (OTS)

| Item Number | Description | Reference Name |
|-------------|---------------------------------|----------------|
| VX~99-10105 | POP RIVET, 1/8 IN x 0.65 IN, AL | RIVET |

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3.0 TOOLS

3.1 Made-To-Spec (MTS)

| Item Number | Description |
|-------------|-------------|
| | |
| | |

3.2 Off-The-Shelf (OTS)


| Supplier | Part Number | Description |
|----------|-------------|----------------------------|
| ZIPPP | ZT1017VS | PNUEMATIC BLIND RIVET TOOL |

4.0 PREPARATION

The blind rivet tool requires a 1/8" tip.

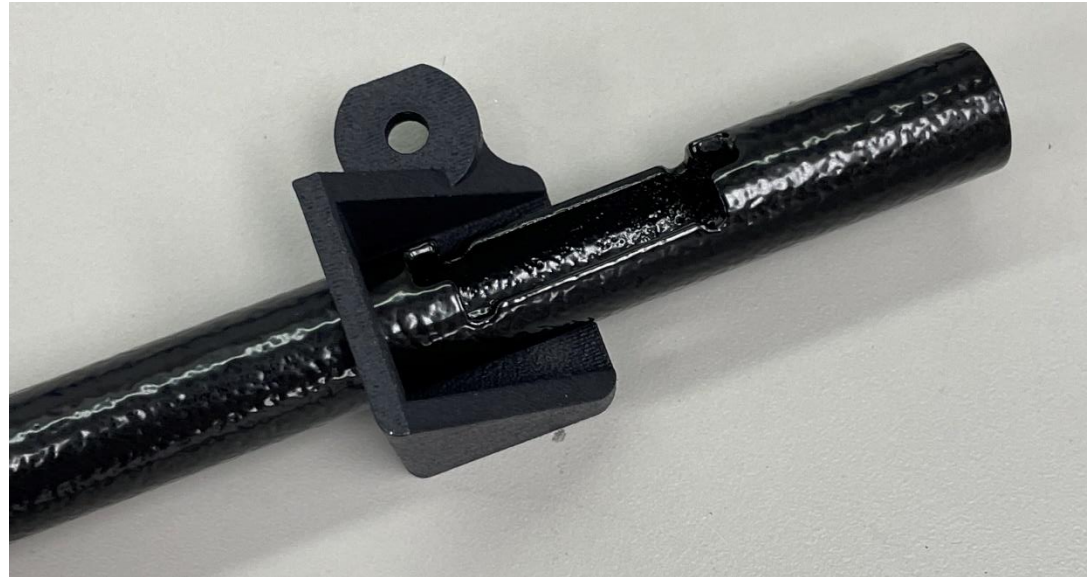
5.0 ASSEMBLY PROCESS

Assemble the Door Latch Assembly (VX~01-10084) as defined in the following steps.

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STEP 1 INSTALL BEARINGS


1.1 Slide BEARING BLOCK over the bottom of TUBE with the flange facing toward the center of TUBE.



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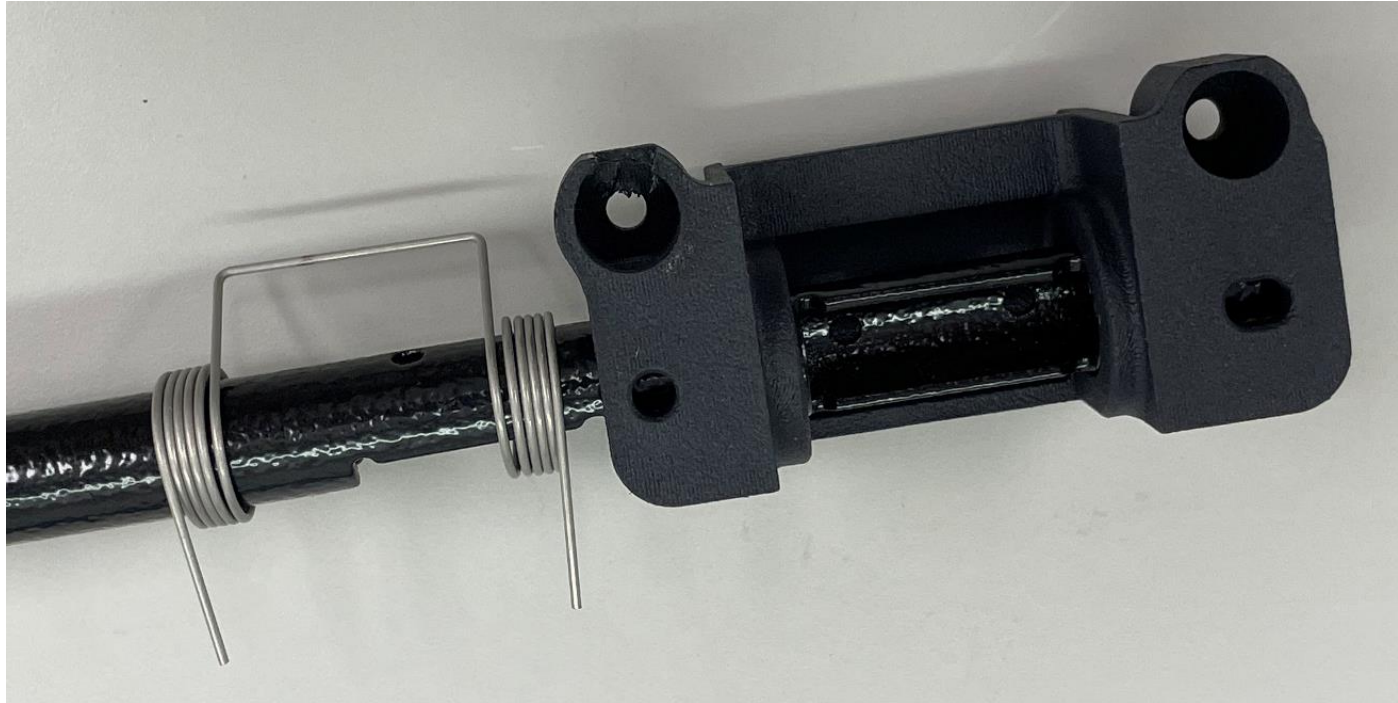
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1.2 Slide RETURN SPRING over the top of TUBE and align with the second slot from the top in the orientation shown.


1.3 Slide MOUNTING BLOCK over the top of TUBE and align with the first slot from the top in the orientation shown.



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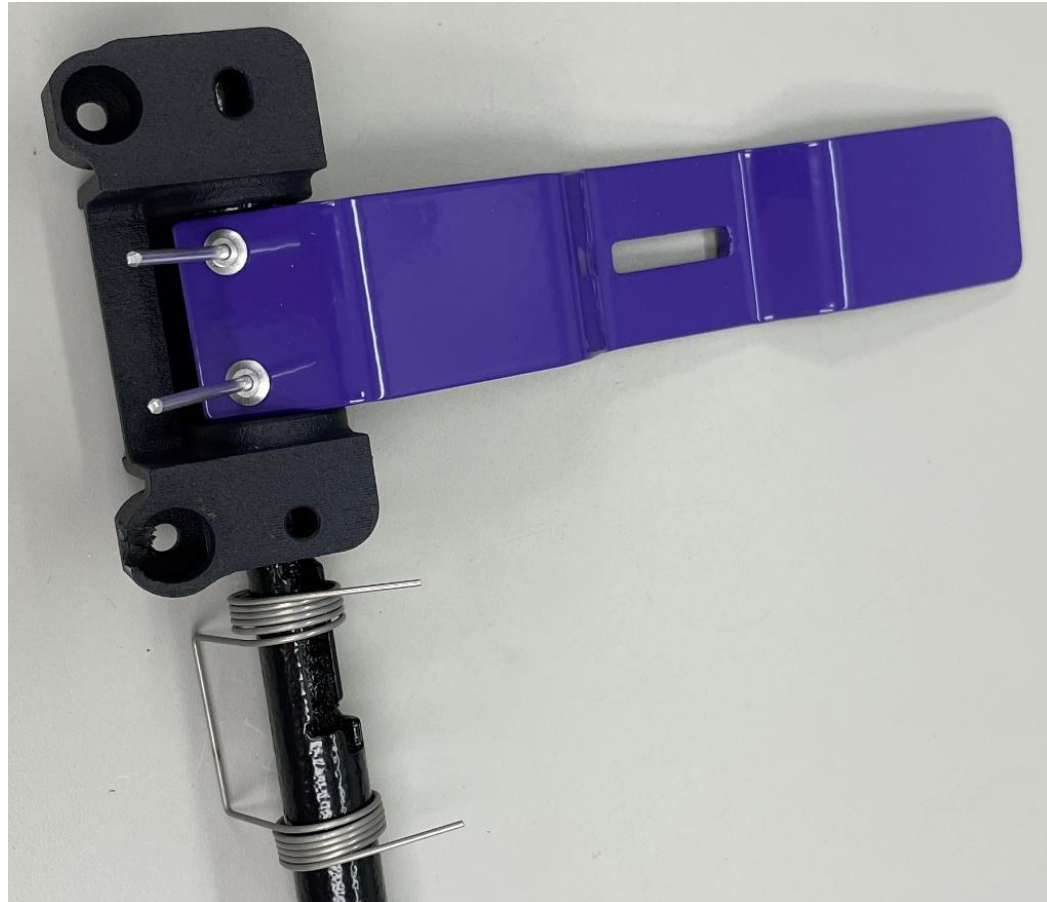
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STEP 2 INSTALL HANDLE

- 2.1 Align HANDLE with top slot in TUBE
- 2.2 Place RIVETS through HANDLE and TUBE

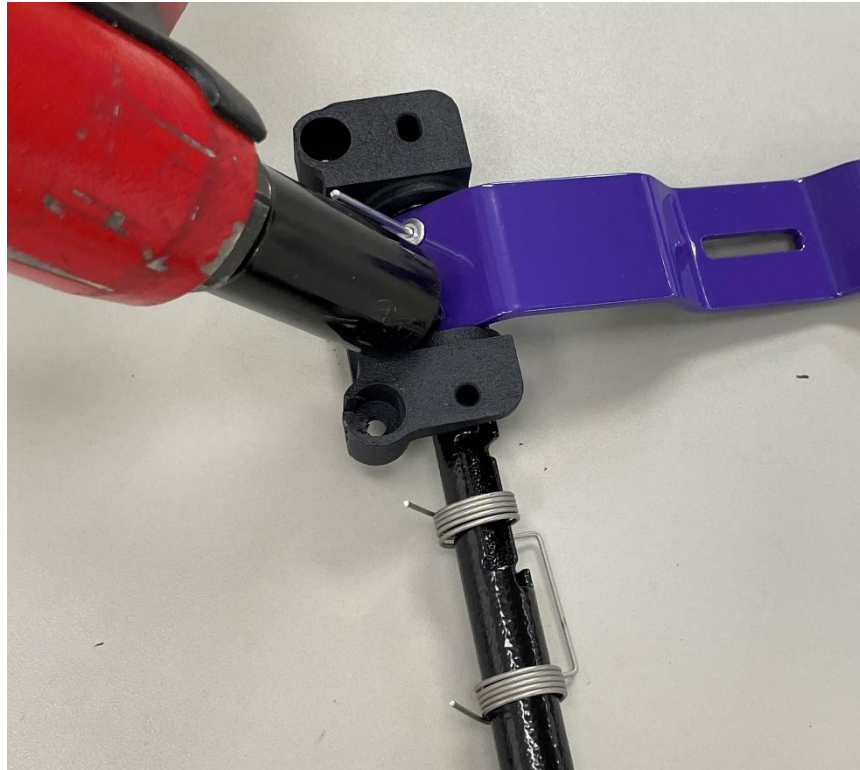


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2.3 Cinch RIVETS in place with RIVET GUN



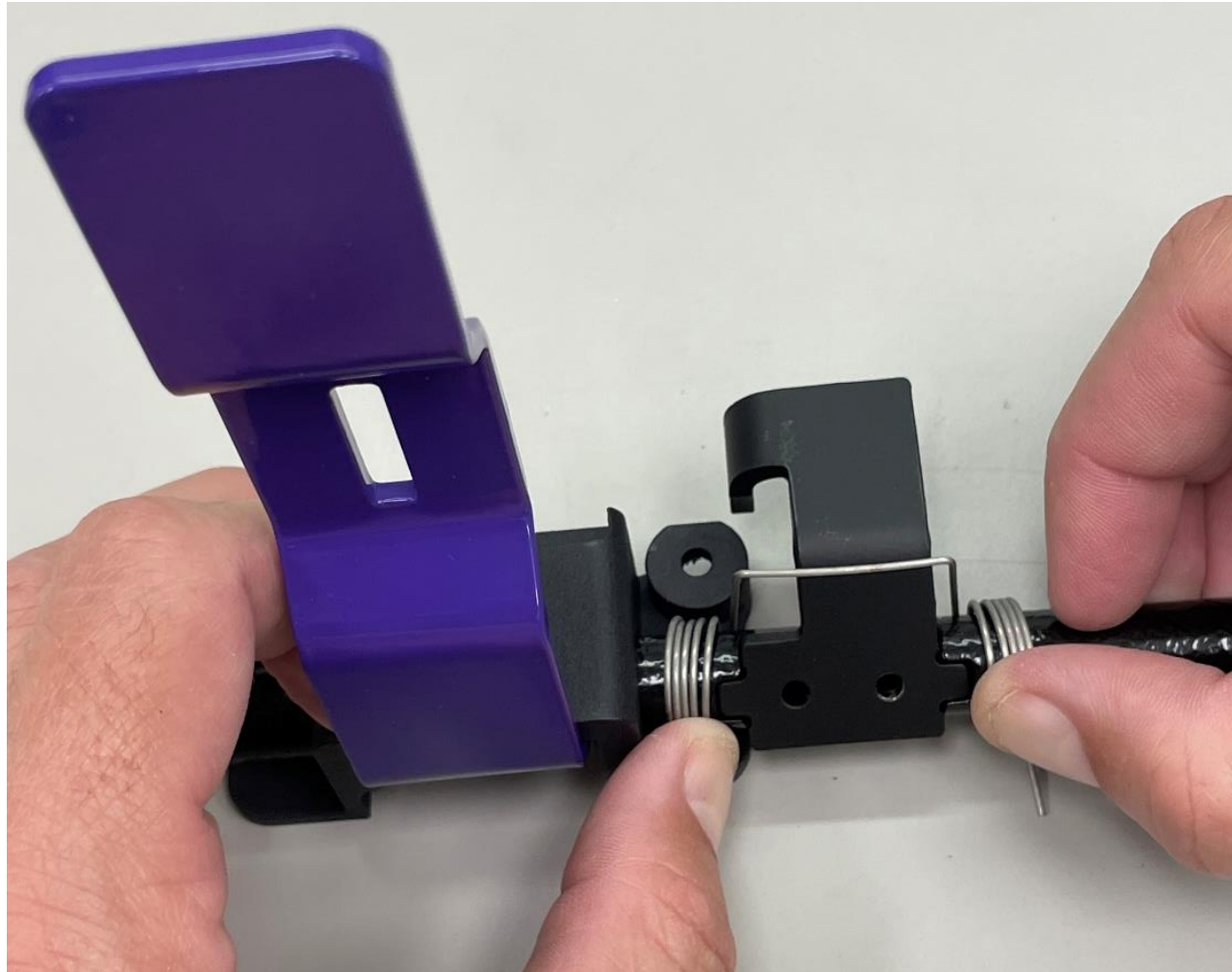
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STEP 3 INSTALL LATCH HOOKS

3.1 Spread RETURN SPRING open

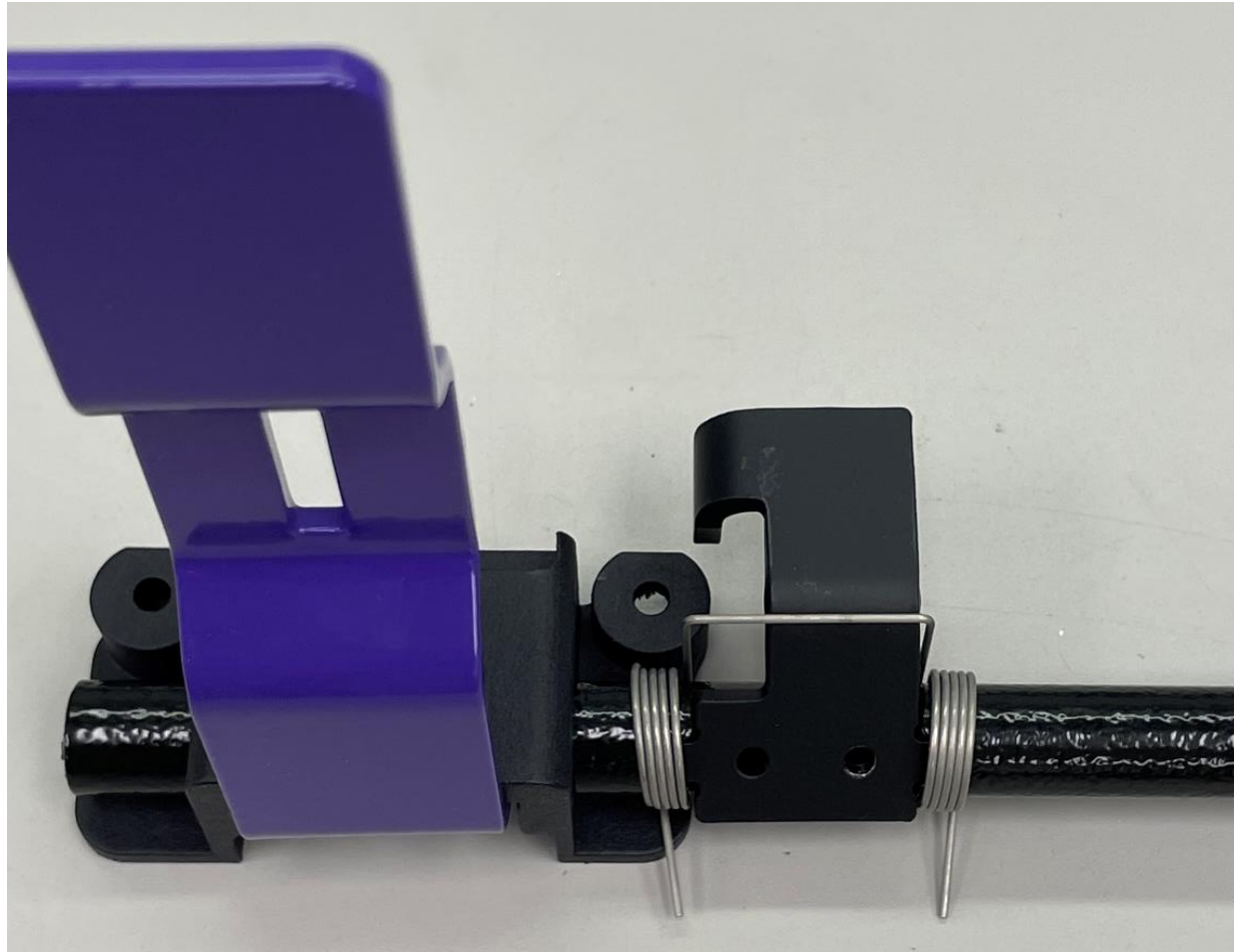


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3.2 Slip LATCH HOOK through TORSION SPRING arm and align with slot in TUBE

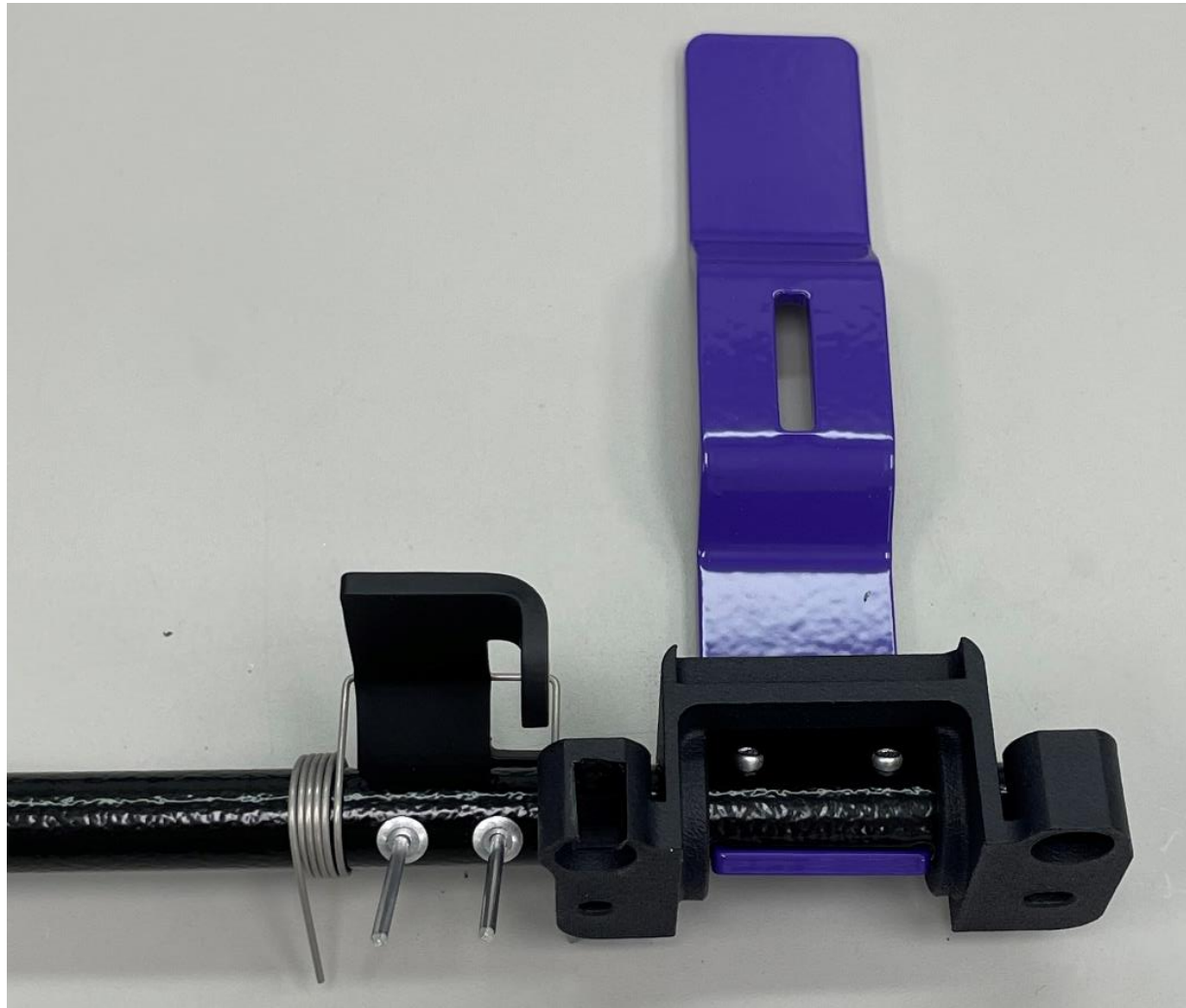


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3.3 Place RIVETS through LATCH HOOK and TUBE



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3.4 Cinch RIVETS in place with RIVET GUN



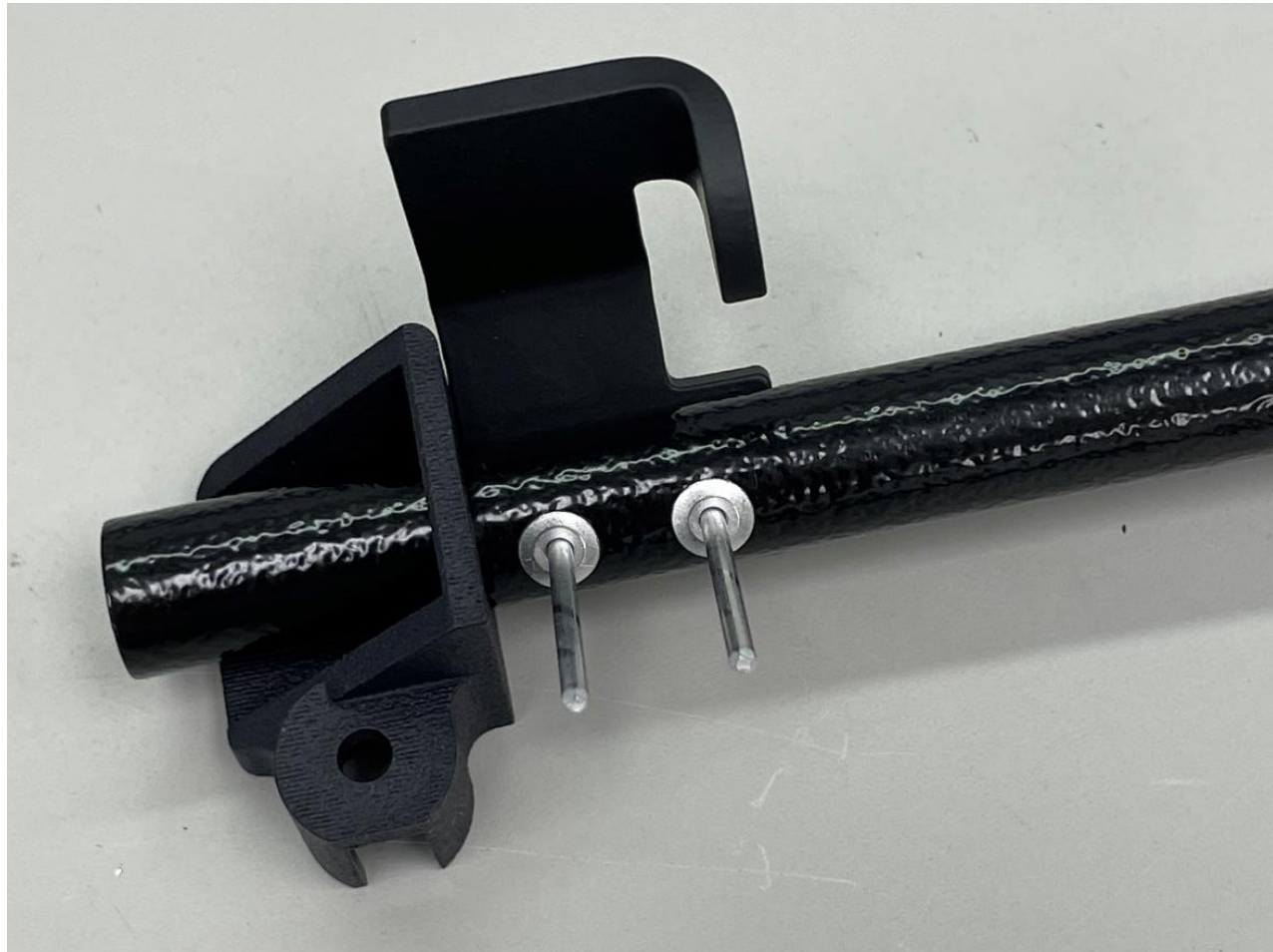
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3.5 Align LATCH HOOK with bottom slot in TUBE. Bottom LATCH HOOK should be in the same orientation as top LATCH HOOK.


3.6 Place RIVETS through LATCH HOOK and TUBE



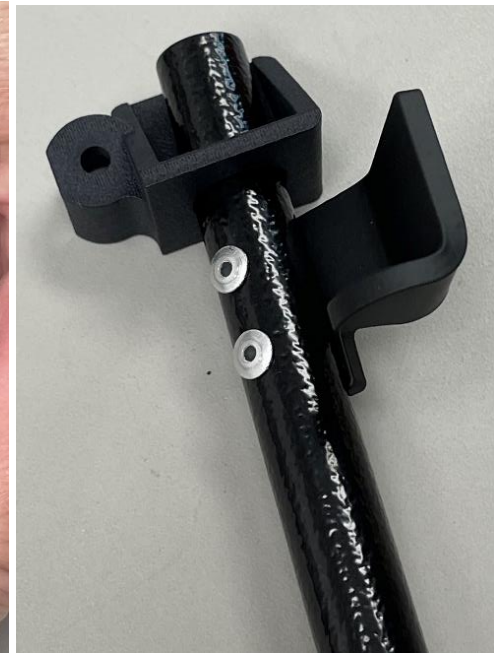
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3.7 Cinch RIVETS in place with RIVET GUN



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REVISION HISTORY AND APPROVALS

If this document is a released alpha-revision, a record of the approvers and specifics of the approval process associated with each released version of this document is contained in the CR# listed in the table, and available for review on NOVO's online CR system.

| Rev | Description | CR# | Date | Submitted By |
|-----|---------------|-----|------|--------------|
| X01 | Initial Draft | N/A | | |
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