	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024

## 1.0 PURPOSE

The purpose of this document is to describe the required parts, assemblies, tools, preparation, and process to assemble the Storage Strap Assembly (VX~01-10062)

## 2.0 PARTS & ASSEMBLIES

### 2.1 Made-To-Spec (MTS)

Item Number	Description
VX~02-10072	T-HOOK, STORAGE STRAP
VX~02-10073	STRAP, STORAGE STRAP


### 2.2 Off-The-Shelf (OTS)

Item Number	Description
VX~99-10074	WEB LOOP, STORAGE STRAP
VX~99-10130	GROMMET, FABRIC

## 3.0 TOOLS

### 3.1 Made-To-Spec (MTS)

Item Number	Description

	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024

### 3.2 Off-The-Shelf (OTS)

Supplier	Part Number	Description
MCMaster-CARR	3424A26	HAMMER-DRIVEN HOLE PUNCH, 13/32"
MCMaster-CARR	9612K18	HAMMER-DRIVEN INSTALLATION PUNCH, GROMMET TRADE SIZE 1
ROMECH	RM-026	ELECTRIC ROPE CUTTER
-	-	ARBOR PRESS
-	-	HAMMER
-	-	RULER

## 4.0 PREPARATION

A hammer driven hole punch will be used to cut holes into the nylon storage straps using an arbor press. A suitable surface, such as wood or plastic, is recommended to not damage the hole punch's cutting surface.


## 5.0 ASSEMBLY PROCESS

Assemble the Storage Strap Assembly (vx~01-10062) as defined in the following steps.

### CONFIDENTIAL

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.

Page  
2 of 9

	Client: VotingWorks	Doc. No.: VWX-001-D019
	Project: Ballot Receptacle	Revision: X01
	Doc. Title: Storage Strap Assembly Instruction	Date: 11/01/2024

## STEP 1 FABRICATE STORAGE STRAP

1.1 Cut the storage strap to a length 16.5" by cutting its non-hemmed end.




**NOTE:** Use the electric rope cutter to cut storage strap

**CAUTION:** Refer to electric rope cutter operating instructions and warnings

### CONFIDENTIAL

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.

Page  
3 of 9

	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024


- 1.2 With the strap placed on the bench with the hemmed end down (left end in image below), fold the cut end upward so leaving a 1" length.



**CONFIDENTIAL**

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.

Page  
4 of 9

	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024


1.3 Using an arbor press and hole punch, cut a 13/32" hole centered in the folded 1" length.



**CONFIDENTIAL**

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.

Page  
5 of 9

	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024


1.4 Install the grommet onto the strap using the installation punch with the 1" folded length on top as shown.



**CONFIDENTIAL**

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.

Page  
6 of 9

	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024

## STEP 2 ASSEMBLE STORAGE STRAP


- 2.1 Slide the web loop over the hemmed edge of the strap so that it is oriented with its flat side and the strap's hemmed end on the same side.



### CONFIDENTIAL

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.



	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024


- 2.2 Slip the hemmed edge of the strap through the t-hook and the web loop. Ensure the hemmed end is facing downward and hidden as shown.



**CONFIDENTIAL**

This document contains information that is confidential and proprietary to NOVO Engineering and its Client. It may not be reproduced or distributed, in whole or in part, without prior written permission from NOVO Engineering or its Client.



	<b>Client:</b> VotingWorks	<b>Doc. No.:</b> VWX-001-D019
	<b>Project:</b> Ballot Receptacle	<b>Revision:</b> X01
	<b>Doc. Title:</b> Storage Strap Assembly Instruction	<b>Date:</b> 11/01/2024

## 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		