



MaterialHandling.com

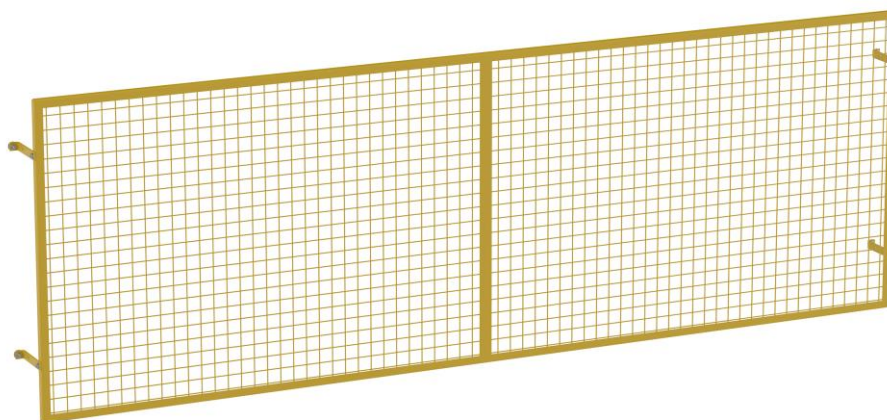
1415 Davis Rd Elgin, IL 60123

Powered by Premier Handling Solutions, Inc.

materialhandling.com | (855) 719-1415 | sales@materialhandling.com

PRSN

PALLET RACK BACK GUARD



Receiving Instructions

After delivery, remove the packaging from the product. Inspect the product closely to determine whether it sustained damage during transport. If damage is discovered, record a complete description of it on the bill of lading. If the product is undamaged, discard the packaging.

NOTE: The end-user is solely responsible for confirming that product design, use, and maintenance comply with laws, regulations, codes, and mandatory standards applied where the product is used.

Technical Service & Replacement Parts

For answers to questions not addressed in these instructions and to order replacement parts, labels, and accessories, call our Technical Service and Parts Department at (260) 665-7586. The Department can also be contacted online at <https://www.vestil.com/page-parts-request.php>.

Electronic Copies of Instruction Manuals

Additional copies of this instruction manual may be downloaded from <https://www.vestil.com/page-manuals.php>.

Table of Contents	Page
Signal Words	2
Safety Instructions	2
Assembling the Rack Guard	3, 4, 5
Installing the Pallet Rack Guard	5
Record of Satisfactory Condition	6
Inspecting and Maintaining the Rack Guard	6
Exploded View and Bill of Materials	7
Labeling Diagram	8
Limited Warranty	9

INTRODUCTION

This manual provides instructions for the safe assembly, installation, inspection, and maintenance of Vestil PRSN-series pallet rack back guards. These safety guards attach to the back of pallet racks to prevent items from falling, enhancing warehouse safety. This manual applies to all PRSN-series models (e.g., PRSN-108-4), with variations in size and component quantities noted where applicable. Refer to the parts list and [EXPLODED VIEW](#) on p. 7.

SIGNAL WORDS

This manual uses SIGNAL WORDS to indicate the likelihood that a particular action will cause personal injuries or property damage. Signal words also specify the level of seriousness of injury if the product is misused in the ways described. The following signal words are used in this manual.



Identifies a hazardous situation which, if not avoided, **WILL** result in DEATH or SERIOUS INJURY. Use of this signal word is limited to the most extreme situations.



Identifies a hazardous situation which, if not avoided, **COULD** result in DEATH or SERIOUS INJURY.



Indicates a hazardous situation which, if not avoided, **COULD** result in MINOR or MODERATE injury.



Identifies practices likely to result in product/property damage, such as operation that might damage the product.

SAFETY INSTRUCTIONS

Vestil strives to identify all foreseeable hazards associated with the use of its products. Material handling is dangerous and no manual can address every conceivable risk. Ultimately, the most effective way to prevent injury is to apply sound judgment whenever using this device.

⚠ WARNING

Improper or careless use of this product could result in death or serious personal injuries.

- *Read and understand the entire manual before assembling, installing, using or servicing the product.* Read the manual to refresh your understanding of proper use and maintenance procedures.
- DO NOT attempt to resolve any problem(s) with the product unless you are qualified to do so.
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unapproved modifications automatically void the [LIMITED WARRANTY](#) (p. 9) and might make the product unsafe to use.
- Inspect the product according to the instructions in [INSPECTING & MAINTAINING](#)...on p. 6. DO NOT use the product unless it is in [SATISFACTORY CONDITION](#).
- DO NOT use this device UNLESS all product labels are readable and undamaged. See [LABELING DIAGRAM](#) on p. 8.
- Failure to securely install the back guard may result in serious injury or death from falling objects. Ensure all fasteners are tightened and the back guard is properly attached to the pallet rack.
- Pinch points exist during assembly. Keep hands and fingers clear of moving parts to avoid injury.
- Do not use the back guard if any components are damaged or missing. Contact Vestil for replacement parts.

⚠ CAUTION

- Metal components may have sharp edges. Wear gloves when handling to prevent cuts.

NOTICE

Proper use, maintenance, and storage are essential for this product to function properly.

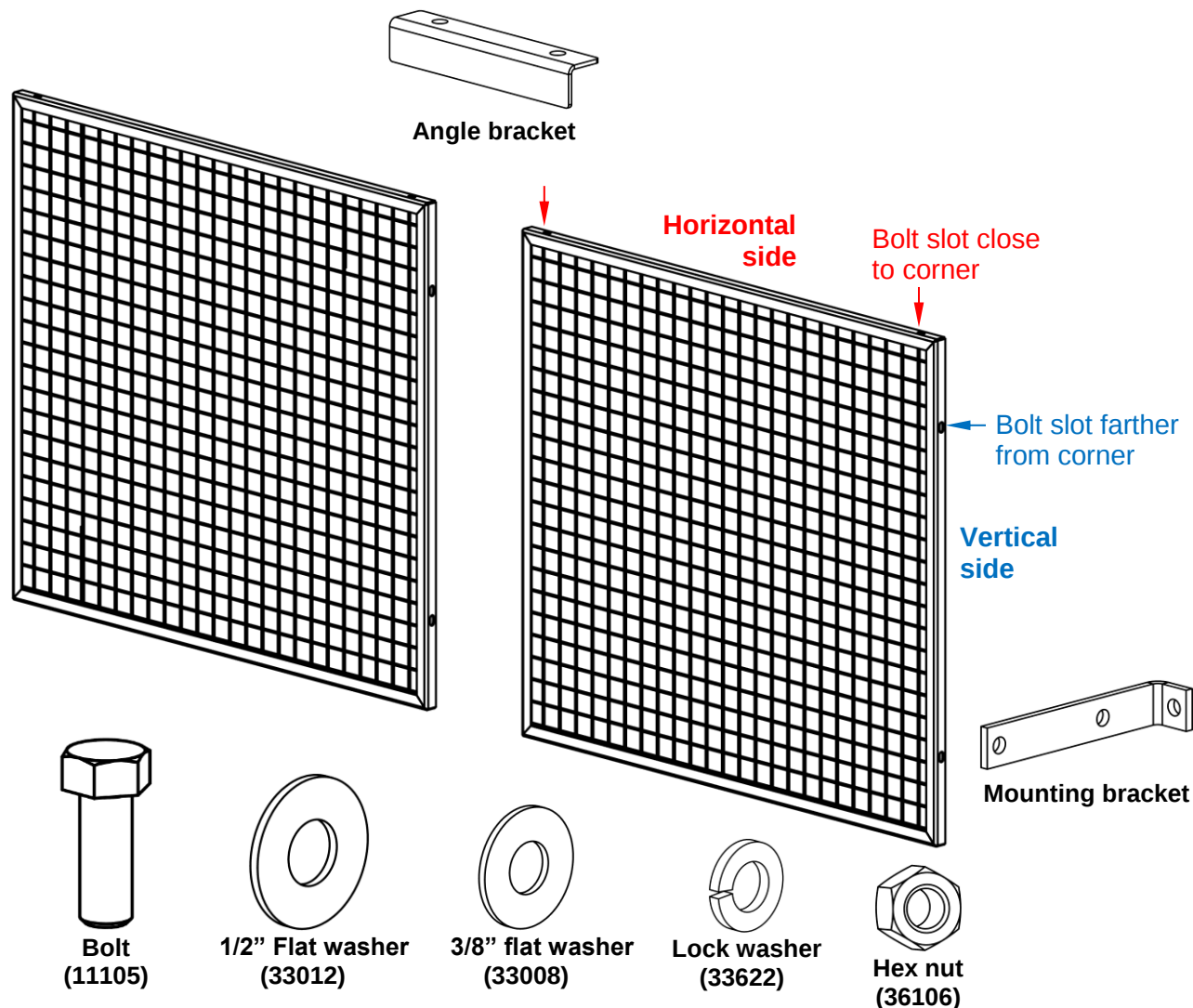
- Always use this product in accordance with the instructions in this manual and consistent with any training relevant to machines, devices, etc. used in conjunction with this product.
- Keep the product clean & dry.

ASSEMBLING THE RACK GUARD

Tools Needed:

- Two 9/16" wrenches, or a 9/16" wrench and a 9/16" socket with ratchet

Follow these steps to assemble the PRSN-series pallet rack back guard. Refer to the parts list and exploded view for your model (e.g., PRSN-108-4) to identify components.

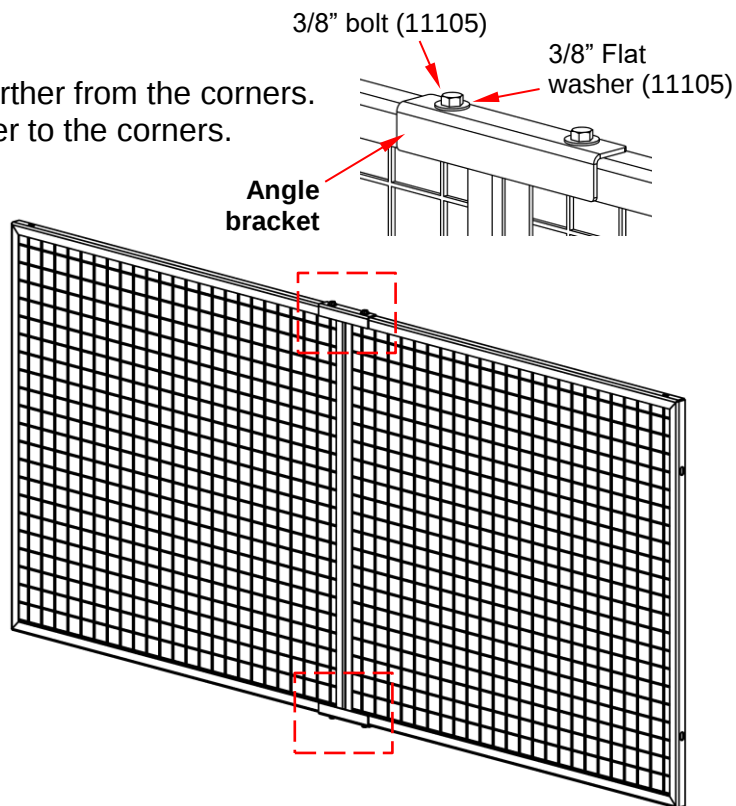


Step 1: Prepare Components

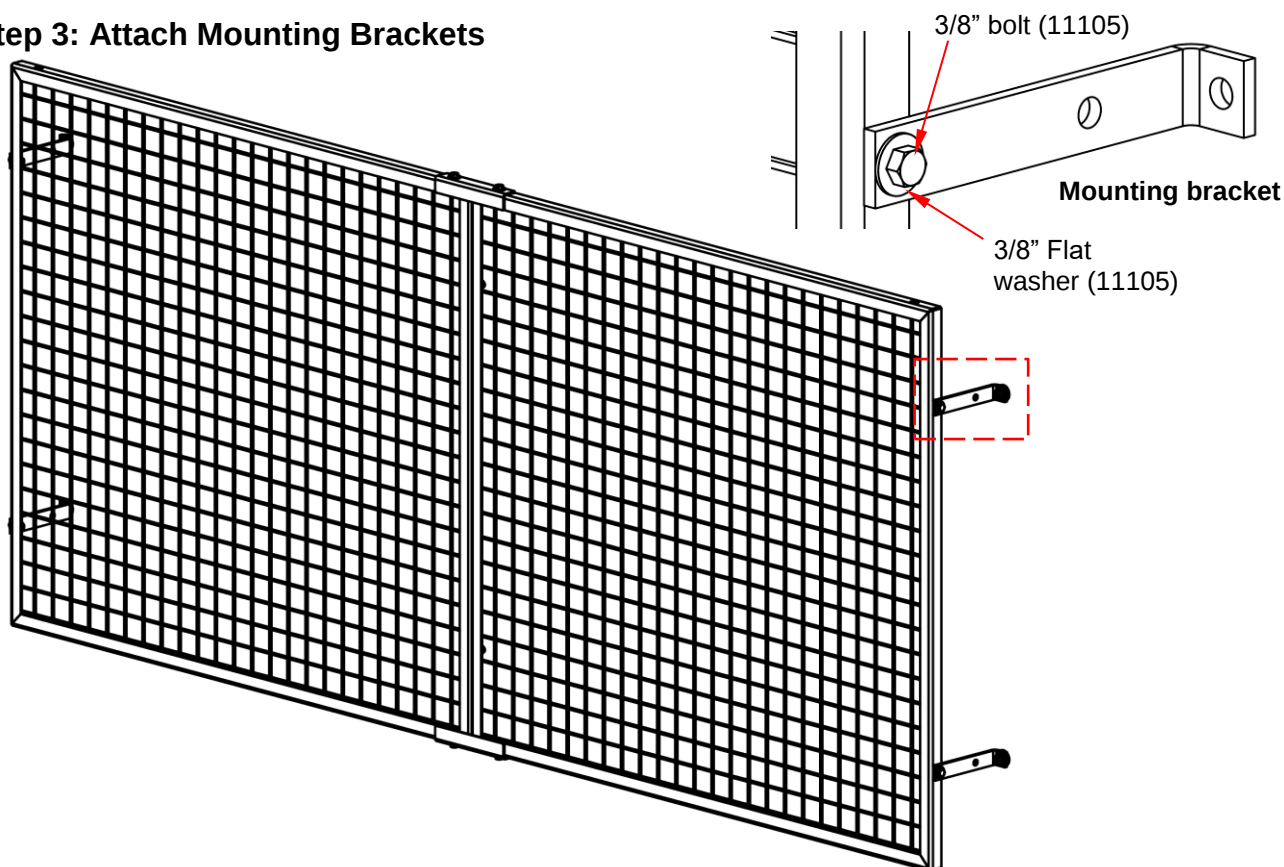
- Lay out all guard panels adjacent to each other on a flat, clean surface.
- Ensure all panels are oriented the same way:
 - Mesh side facing up.
 - Horizontal and vertical sides aligned consistently (e.g., all vertical sides on the left/right, all horizontal sides on the top/bottom).
- Verify the following components are present:
 - Guard panels
 - Angle brackets (part no. 23-016-285)
 - Mounting brackets (part no. 23-016-131)
 - Hardware: 3/8" – 16 X 1 bolts (11105), 3/8" flat washers (33012), 3/8" lock washers (33622), 3/8" hex nuts (36106)

Step 2: Connect Guard Panels

- Note the slots/holes on each panel:
 - Vertical sides: Two slots/holes, inset further from the corners.
 - Horizontal sides: Two slots/holes, closer to the corners.
- Fasten the panels together along their horizontal sides using angle brackets (23-016-285):
 - Align an angle bracket with the slots on the horizontal sides of two adjacent panels.
 - Put a 3/8" flat washer (33008) on each of two 3/8" – 16 X 1 bolts (11105).
 - Insert the bolts through the bolt holes of an angle bracket and the aligned slots of the panels.
 - Secure each bolt with another 3/8" flat washer (33008), a 3/8" lock washer (33622), and a 3/8" hex nut (36106).
 - Repeat steps 1-4 to install the remaining angle bracket.
- Tighten all fasteners securely using the tools specified to ensure a firm connection between panels.



Step 3: Attach Mounting Brackets



- Identify the two outer vertical sides of the connected guard panels.
- Attach two mounting brackets (part no. 23-016-131) to each outer vertical side:
 - Place a 3/8" flat washer (33008) on a 3/8" – 16 X 1 bolt (11105).

2. Insert the bolt through the bolt hole in the mounting bracket (23-016-131).
 3. Pass the bolt through the slot on the vertical side of the panel.
 4. Secure with another 3/8" flat washer (33008), a 3/8" lock washer (33622), and a 3/8" hex nut (36106).
- Repeat steps 1-4 for the remaining mounting brackets on the opposite outer vertical side.
 - Tighten all fasteners securely, ensuring the brackets are firmly attached and aligned.

Step 4: Install Hardware for Attachment to Pallet Rack

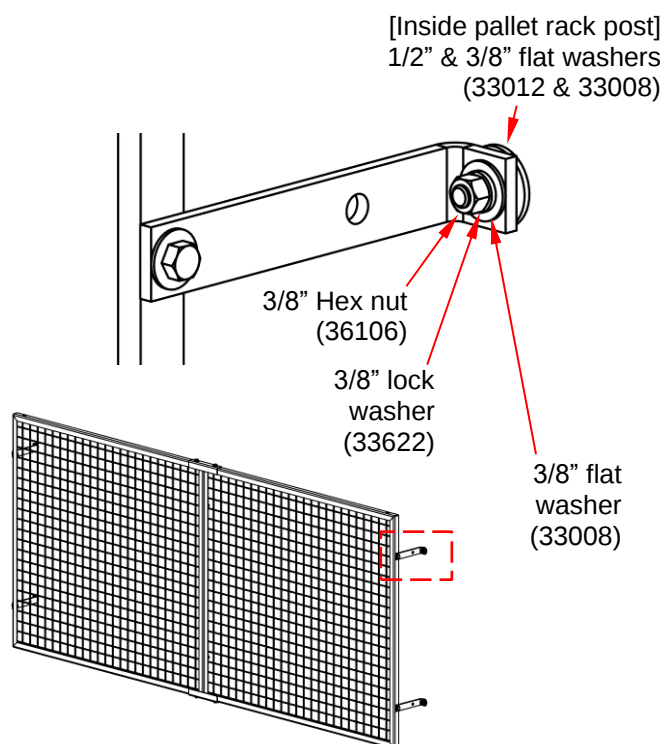
- Attach mounting hardware to the free ends of the mounting brackets.
 1. Put a 3/8" flat washer (33008) on a bolt, followed by a 1/2" flat washer (33012).
 2. Insert the bolt through the bolt hole in the end of the mounting bracket.
 3. Apply another 3/8" flat washer, a 3/8" lock washer (33622), and a 3/8" hex nut (36106). Do not fully tighten the lock nut at this time. Tighten them just enough to be securely fastened to the bolt.
- Repeat steps 1-3 with the 3 remaining mounting brackets.

Step 5: Final Check

- Inspect the assembled pallet rack guard:
 - Confirm all fasteners are tightened and no components are loose.
 - Ensure the panels are properly aligned and the structure is stable.
- The back guard is now ready for installation onto the pallet rack.

INSTALLING THE PALLET RACK GUARD

1. Ensure the pallet rack is rigidly anchored to the ground, sound, and level before installation.
2. Align the assembled back guard as desired with the rear of the pallet rack. The bolt holes in the feet of the mounting brackets must align with tear drop openings in the posts of your pallet rack.
3. Attach mounting hardware to the free ends of the mounting brackets.
 - a. Put a 3/8" flat washer (33008) on a bolt, followed by a 1/2" flat washer (33012).
 - b. Insert the bolt through the pallet rack opening and then through the bolt hole in the end of the mounting bracket.
 - c. Apply another 3/8" flat washer, a 3/8" lock washer (33622), and a 3/8" hex nut (36106). Do not fully tighten the lock nut at this time. Tighten them just enough to be securely fastened to the bolt.
4. Repeat steps 3a-3c with the 3 remaining mounting brackets.
5. Solidly tighten all connections to ensure the back guard is securely attached.
6. Confirm the back guard is flush against the rack and does not wobble.



RECORD OF SATISFACTORY CONDITION

Before placing the back guard into service, document its initial condition as a baseline for future inspections.

Inspection Checklist

- Panels: No dents, bends, or damage
- Mounting brackets: Straight and undamaged
- Fasteners: All present and tightened correctly
- Attachment: Securely fastened to the pallet rack
- Stability: No wobbling or misalignment

Documentation

Take photographs from multiple angles to document the back guard's condition, including all fasteners. Record the following:

- **Date:** _____
- **Inspector's Name:** _____
- **Notes:** _____
- **Photographs Taken:** Yes / No

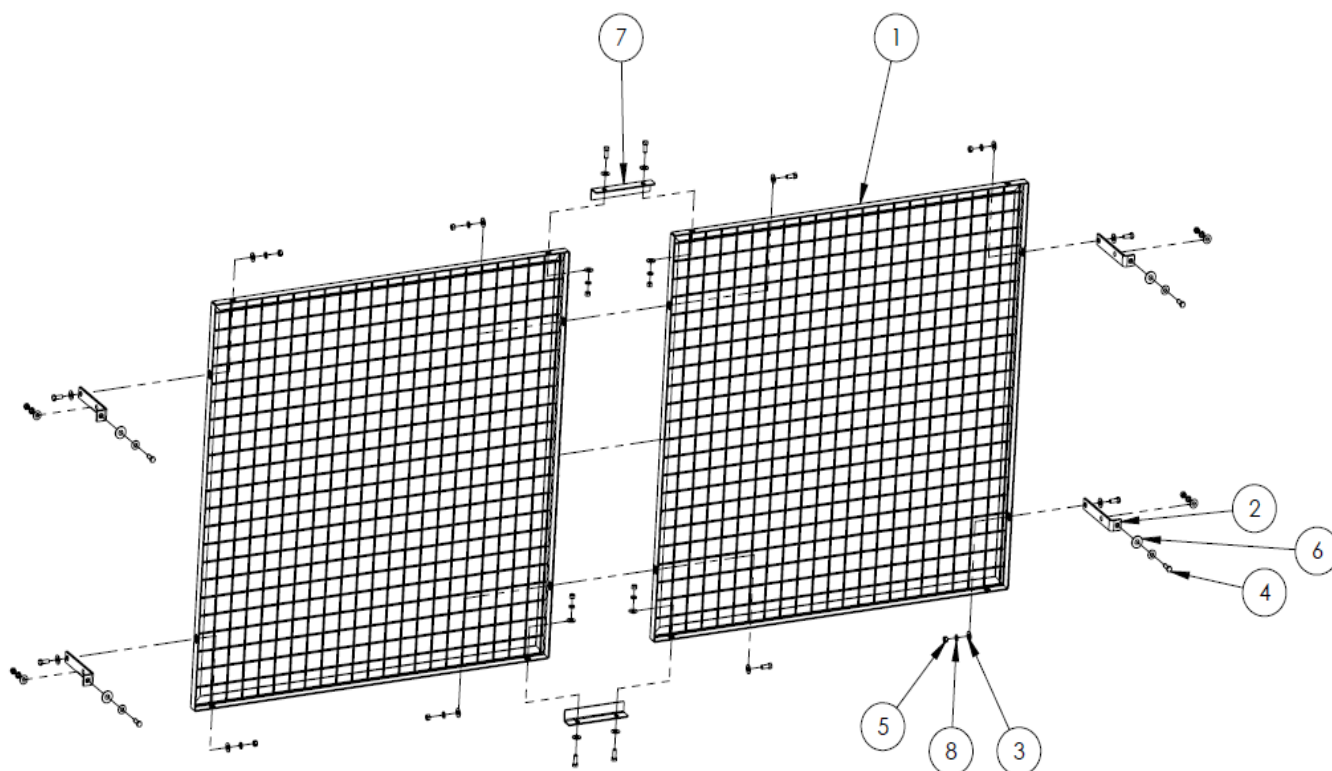
Store this record for comparison during all future inspections.

INSPECTING AND MAINTAINING THE RACK GUARD

Regularly inspect the back guard to ensure continued safety. Compare the results of each inspection to your [RECORD OF SATISFACTORY CONDITION](#) to determine if the back guard remains in satisfactory condition. If any discrepancies are found, such as damage or loose fasteners, take corrective action as necessary. Perform inspections monthly or as required by workplace safety regulations. Contact [TECHNICAL SERVICE](#) for replacement parts or to discuss any questions you have about your pallet rack guard.

1. Panels: Check panels for dents, bends, cracks, breaks, rust, or other forms of damage. If rusting is purely superficial, remove the rust/corrosion. Clean the affected area and apply touchup paint. If rusting, rot, or thinning has weakened the material, contact [TECHNICAL SERVICE](#) for advice.
2. Mounting brackets: Inspect mounting brackets for cracks, breaks, rust, or corrosion.
3. Fasteners: Verify all fasteners are tight and present.
4. Attachment of Guard to Rack: Ensure secure attachment to the pallet rack.
5. Labels: Replace labels that are damaged or not easily readable from a reasonable distance.

EXPLODED VIEW AND BILL OF MATERIALS (23-006-553)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	23-524-237	GUARD WELDMENT – PRSN-96-4	2
	23-524-238	GUARD WELDMENT – PRSN-108-4	
	23-524-239	GUARD WELDMENT – PRSN-120-4	
	23-524-413	GUARD WELDMENT – PRSN-144-4	
2	23-016-131	MOUNTING BRACKET	4
3	33008	FLAT WASHER, LOW CARBON, USS, ZINC PLATED, 3/8"	28
4	11105	HEX BOLT, GRADE A, ZINC PLATED, 3/8" – 16 X 1	14
5	36106	HEX NUT, GRADE A, ZINC PLATED, 3/8-16	14
6	33012	FLAT WASHER LOW CARBON, ZINC FINISH, 1/2"	4
7	23-016-285	ANGLE BRACKET	2
8	33622	SPLIT LOCK WASHER, CARBON STEEL, MEDIUM ZINC FINISH, 3/8"	14

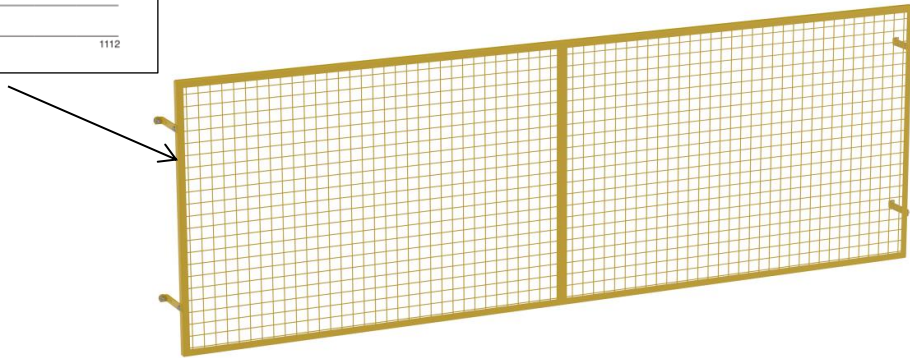
LABELING DIAGRAM

Label content and locations are subject to change so your product might not be labeled exactly as shown. Compare this diagram to the [RECORD](#). If differences exist between the diagram and the [RECORD](#), contact [TECHNICAL SERVICE](#). Replace all labels that are damaged, missing, or not easily readable (e.g. faded). To order replacement labels, contact the technical service and parts department online at <https://www.vestil.com/page-parts-request.php>. Alternatively, you may request replacement parts and/or service by calling (260) 665-7586 and asking the operator to connect you to the [TECHNICAL SERVICE AND PARTS DEPARTMENT](#).

LABEL 1112

MODEL / MODÉLO / MODÈLE _____
WEIGHT / PESO / MASSE _____
SERIAL / SERIE / SÉRIE _____

1112





LIMITED WARRANTY

Vestil Manufacturing Company ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective, original part covered by the warranty after we receive a proper request from the Warrantee (you) for warranty service.

Who may request service?

Only a warrantee may request service. You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

Definition of "original part"?

An original part is a part used to make the product as shipped to the Warrantee.

What is a "proper request"?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by one of the following methods:

<u>US Mail</u>	<u>Fax</u>	<u>Email</u>
Vestil Manufacturing Company 2999 North Wayne Street, PO Box 507 Angola, IN 46703	(260) 665-1339 <u>Phone</u> (260) 665-7586	<u>info@vestil.com</u> Enter "Warranty service request" in subject field.

In the written request, list the parts believed to be defective and include the address where replacements should be delivered. After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil will require you to send the entire product, or just the defective part (or parts), to its facility in Angola, IN.

What is covered under the warranty?

The warranty covers defects in the following original, dynamic parts: motors, hydraulic pumps, motor controllers, and cylinders. It also covers defects in original parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

How long is the warranty period?

The warranty period for original dynamic components is 90 days. For wearing parts, the warranty period is 90 days. Both warranty periods begin on the date Vestil ships the product to the Warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend a warranty period for products shipped from authorized distributors by up to 30 days to account for shipping time.

If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

What is not covered by the warranty?

The Warrantee (you) are responsible for paying labor costs and freight costs to return the product to Vestil for warranty service.

Events that automatically void this Limited Warranty.

- Misuse;
- Negligent assembly, installation, operation or repair;
- Installation/use in corrosive environments;
- Inadequate or improper maintenance;
- Damage sustained during shipping;
- Collisions or other accidents that damage the product;
- Unauthorized modifications: Do not modify the product IN ANY WAY without first receiving written authorization from Vestil.

Do any other warranties apply to the product?

Vestil Manufacturing Co. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty. Vestil makes no warranty or representation that this product complies with any state or local design, performance, or safety code or standard. Noncompliance with any such code or standard is not a defect in material or workmanship.