



## Vestil Manufacturing Corp.

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# BOL-G-24-3.5



### 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 [http://www.vestilmfg.com/parts\\_info.htm](http://www.vestilmfg.com/parts_info.htm).

### Electronic copies of Instruction Manuals

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

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## SIGNAL WORDS

This manual uses SIGNAL WORDS to draw attention to uses of the product that could result in personal injuries, as well as the probable seriousness of those injuries. Other signal words call attention to uses likely to cause property damage. Signal words used in this manual appear below along with their definitions.



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. However, 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.



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

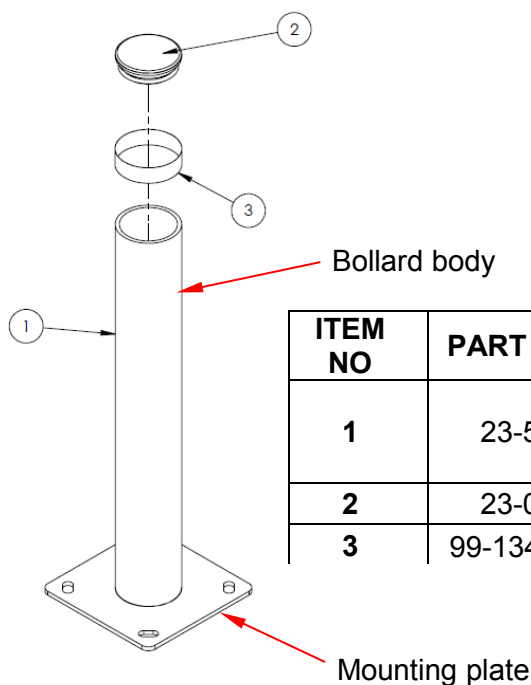
- **Read and understand the entire manual before assembling, installing, using or servicing the product.**
- Read the manual to refresh your understanding of proper use and maintenance procedures.
- DO NOT attempt to resolve any problem(s) with the product unless you are both authorized to do so and certain that it will be safe to use afterwards.
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unauthorized modifications automatically void the **LIMITED WARRANTY** and might make the product unsafe to use.
- Inspect the product at least once per month. DO NOT use this product if the inspection reveals structural damage. Examples of structural damage include, but are not limited to, the following: 1) Cracked, broken, or otherwise damaged welds; 2) Missing or obscured reflective tape (see item no. 3 on p. 3) or weak reflectivity of reflective tape (item no. 3 on p. 3); 4) Corrosion, severe wear, or other condition that compromises the integrity of the bollard. Replace each part that fails to pass an inspection. DO NOT use the product until it is fully restored to satisfactory condition. See **RECORD OF SATISFACTORY CONDITION** on p. 4.
- DO NOT use the product if it is not securely anchored to the ground/surface. The bollard should not wobble. Relocate the bollard if it cannot be securely anchored to the ground/surface.
- Replace the bollard immediately after it sustains damage. NOTE: Damaged sustained as a result of the bollard's intended/designed use is not covered by the warranty.
- DO NOT use this device UNLESS all labels (see **LABELING DIAGRAM**) are clearly visible and undamaged. Replace damaged labels as soon as damage occurs.



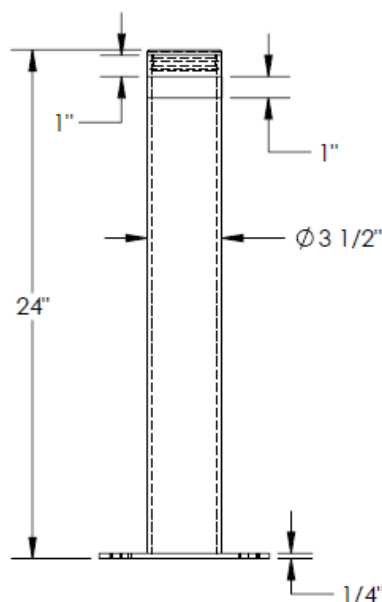
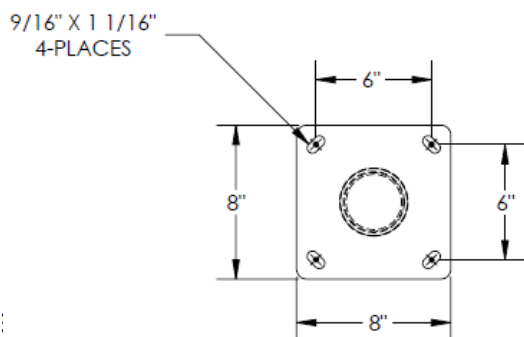
Proper use, maintenance, and storage are essential for this product to function properly.

- 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. Lubricate moving parts.

## EXPLODED VIEW AND BILL OF MATERIALS



ITEM NO	PART NUMBER	DESCRIPTION	QTY
1	23-524-325	GUARD WELDMENT (CONSISTS OF BOLLARD BODY AND MOUNTING PLATE)	1
2	23-024-483	BOLLARD CAP, 3.5	1
3	99-134-252-LBL	1"X12" RED REFLECTIVE TAPE	1



## INSTALLATION

There are 4 elongated bolt holes in the mounting plate. Mark the ground surface (concrete) with the positions of the bolts holes. Drill holes into the concrete to receive four (4) 1/2" anchor bolts. Follow the installation directions provided with your anchoring hardware to determine the diameter and depth of the holes that should be drilled into the surface. Your building engineer should determine the necessary length of the anchor bolts.

## RECORD OF SATISFACTORY CONDITION (the “RECORD”)

After installing the bollard, make a record of its appearance. Describe in writing the condition of the bollard, anchoring hardware and the anchoring surface around the bollard, operating mechanisms (if applicable), as well as the location of each label, tag, decal, etc. Take photographs of all frame elements (mounting plate, bollard body, cap). Add the photos to the record. ***These documents and photos are a record of the unit in satisfactory condition.***

## INSPECTIONS AND MAINTENANCE

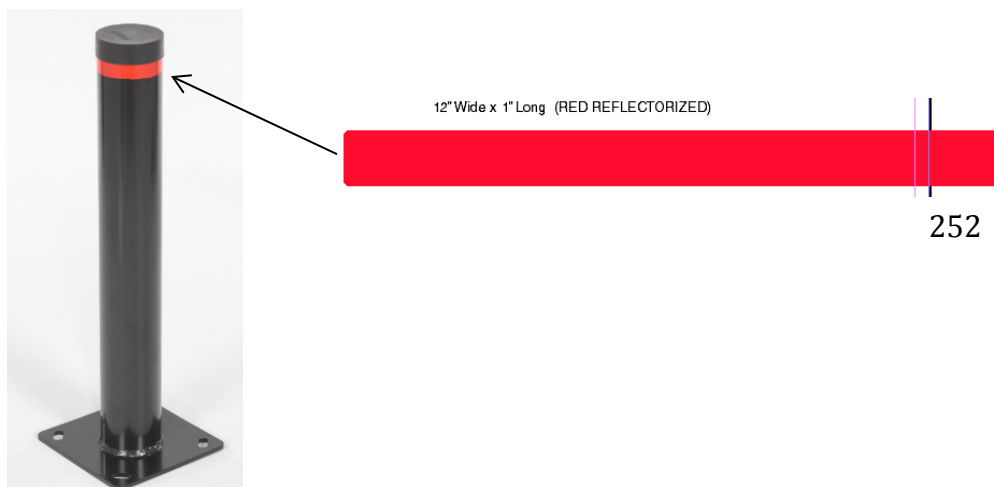
When conducting the following inspections, compare your observations to the **RECORD** to determine if a component is in satisfactory condition. Do not use the product unless every component is in satisfactory condition. Cosmetic changes, like damaged paint/powder coat do not constitute changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as damage occurs. Contact **TECHNICAL SERVICE** to order replacement parts. Contact information appears on the cover page of this instruction manual.

### At least once per month:

1. Check the surface of the product for dirt or other matter. Clean the surfaces.
2. Examine anchoring hardware. Replace damaged, worn, or corroded hardware. Confirm that the bollard is solidly anchored to the (concrete) ground surface. Replace all anchoring hardware that is not solidly attached to the ground. If the bollard wobbles, tighten loose anchor bolts. The bollard should not wobble. Install the bollard in another location if wobble cannot be eliminated in the present location.
3. Examine frame elements for excessive wear, breakages, corrosion/rusting, damage, and metal fatigue.
4. Check all labeling. Replace labels that are damaged or not easily readable. See **LABELING DIAGRAM** (below).
5. Examine the whole structure for severe rusting/metal erosion, rot, thinned regions. If rusting is purely superficial, remove the rust/corrosion with a steel bristle brush or steel wool. Clean the affected area and apply touchup paint. If rusting, rot, or thinning has weakened the material, contact **TECHNICAL SERVICE** for advice.

## LABELING DIAGRAM

The unit should be labeled as shown in the diagram. However, label content and locations are subject to change so your product might not be labeled exactly as shown. 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 [http://www.vestilmfg.com/parts\\_info.htm](http://www.vestilmfg.com/parts_info.htm). Alternatively, you may request replacement parts and/or service by calling (260) 665-7586 and asking the operator to connect you to the Parts Department.





## LIMITED WARRANTY

Vestil Manufacturing Corporation (“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 Corporation 2999 North Wayne Street, PO Box 507 Angola, IN 46703	(260) 665-1339 <u>Phone</u> (260) 665-7586	info@vestil.com 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 Corp. 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.