



Vestil Manufacturing Co.

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STOR-SERIES STORAGE SHEDS



STOR-96-G-W-1RH



STOR-44-G-W-1RH



STOR-66-G-W-1RH-WD



STOR-912-G-W-1RH



STOR-612-G-W-1RH-WD

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>.

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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 assembling, inspecting, maintaining, or using this shed.

WARNING

Improper or careless assembly or 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 handle shed panels or other parts with personal protective equipment. Wear steel toed boots, protective gloves and safety glasses when handling metal panels or components to avoid crushing injuries, cuts, or eye injuries from sharp edges.
- DO NOT attempt to assemble this shed alone. Ensure at least two people are involved in assembling the shed to prevent panels or frames from collapsing and causing injury.
- Keep tools and components secure and out of reach of children during assembly to prevent injury from falling objects.
- Securely anchor the shed to a level, stable foundation to prevent tipping or collapse in high winds or storms.
- Use proper lifting techniques or mechanical aids when moving heavy panels or components to avoid back or muscle injuries.
- Ensure the assembly area is dry and free of debris to prevent slips and falls during installation.
- Do not store flammable materials, chemicals, or heat sources in the shed to prevent fire or chemical hazards.

Continues on following page

⚠ WARNING

Continued from previous page

- Do not climb on the roof or apply excessive weight to it to prevent structural damage or collapse.
- Remove snow accumulation from the roof if it exceeds 45 pounds per square foot to prevent roof collapse and potential injury.
- 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. Unapproved modifications automatically void the [LIMITED WARRANTY](#) on p. 22 and might make the product unsafe to use.
- Inspect the product according to the instructions in [INSPECTING & MAINTAINING THE SHED](#) on p. 20. DO NOT use the product unless it is in [SATISFACTORY CONDITION](#). See [RECORD OF SATISFACTORY CONDITION](#) on p. 20.
- DO NOT use this shed UNLESS all product labels are in place and easily readable from a reasonable distance. See [LABELING DIAGRAM](#) on p. 21.

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.
- Follow assembly instructions exactly to avoid structural damage to the shed or voiding the warranty.

ASSEMBLING THE SHED

Review the applicable [bill of materials](#) located on pages [15](#), [16](#), [17](#), [18](#), or [19](#). Unpack all materials and verify quantities before starting.

Consult the factory in the event there are any questions or problems at the time of installation, or for information regarding optional features not covered by the owner's manual.

SINGLE STORAGE UNIT MODEL STOR-44/66/96-G-W-1RH (STOR-96 shown)

Step 1



Step 1: Place WOODEN FLOOR BASE on clean and level surface. Apply paint, stain, or varnish as desired to protect the flooring.

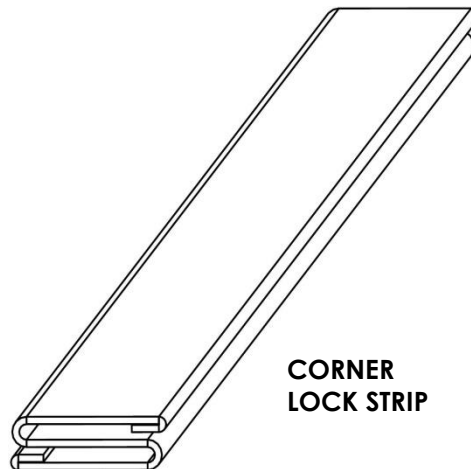
Step 2



Step 2: Position BACK WALL SUBASSEMBLY as shown above.
NOTE: Install on one of the *lengthwise* sides of the FLOOR BASE.

Step 3

Step 3: Fasten BACK WALL to the wooden floor by installing $\frac{1}{4}$ "x2" lag screws (part no. 22061) through the 5 predrilled holes in the bottom flange of the BACK WALL. Continue supporting the BACK WALL until is fastened to at least 1 SIDE WALL SUBASSEMBLY this is also lagged to the wooden floor.

Step 4

**CORNER
LOCK STRIP**

Step 4: Install a CORNER LOCK STRIP on both (vertical) edges of the BACK WALL.

Step 5

Step 5: Insert the edge of one SIDE WALL into one of the LOCK STRIPS installed in Step 4.

Step 6



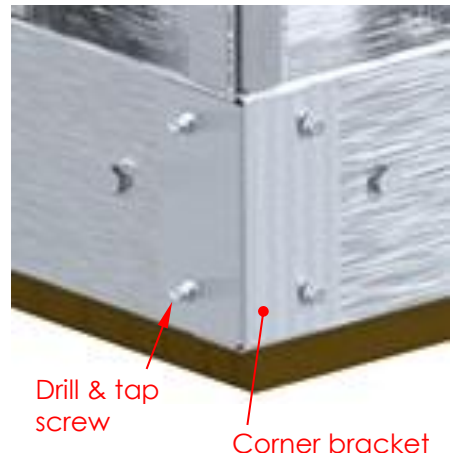
Step 6: Insert a side edge of the remaining SIDE WALL into the other LOCK STRIP. Brace the bottom of the SIDE WALL while inserting the edge.

Step 7



Step 7: Fasten both SIDE WALLS to the wooden floor with $\frac{1}{4}$ "x2" lag screws (22061) installed through 5 predrilled holes in the bottom flange of each SIDE WALL.

NOTE: Your kit might include corner brackets (41-016-028). Brackets install over each corner with four (4) #12-24 X $\frac{7}{8}$ " DRILL & TAP SCREWS (32106)



Step 8



FRONT WALL shown without door.

Step 8: Install a LOCK STRIP on the free edge of both SIDE WALLS. Insert the side edges of the FRONT WALL SUBASSEMBLY into the LOCK STRIPS. Fasten FRONT WALL to the floor with $\frac{1}{4}$ "x2" lag screws installed through the 5 predrilled holes in the bottom flange of each SIDE WALL.

Step 9

Step 9: Place the ROOF WALL SUBASSEMBLY on top of the wall panels. The perimeter flange of the ROOF WALL SUBASSEMBLY must be on the outside of the wall panels. Pull/tap the ROOF WALL down until it seats onto the tops of the supporting wall panels.

Step 10

Step 10: Fasten the ROOF to the front and back walls with 8pc of 1" long self-tapping screws (part no. 31806; 4 pcs. per wall). There are no predrilled holes. Space screws evenly across both walls.

Assembly is now complete.



STOR-44-G-W-1RH



STOR-66-G-W-1RH



STOR-96-G-W-1RH

DOUBLE STORAGE UNIT MODEL STOR-612-G-W-1RH & STOR-912-G-W-1RH**Step 1**

Step 1: Fasten a 2"x 4" to one of the 9 foot (STOR-912) or 6ft. (STOR-612) sides of each WOOD FLOOR BASE. Attach 2x4's $\frac{3}{4}$ " from top of floor bases (thickness of plywood) using 6pc – 3" long wood screws as evenly spaced as possible.

Step 2

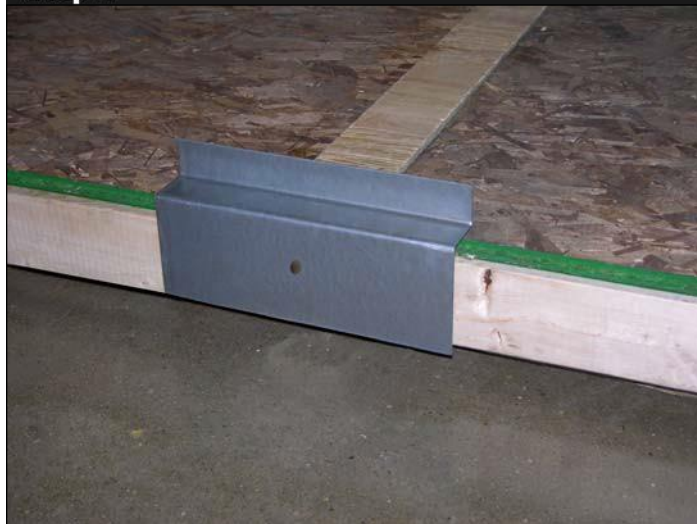
Pre-Cut Spacers

Step 2: Place wooden floors with 2"x4" joints together on a level surface and position pre-cut spacers as shown.

Step 3

Step 3: Using 20pc of 2" long wood screws fasten the plywood spacer strips directly to the 2"x4" joints. Evenly space wood screws along entire length of spacer strip.

NOTE: Attach screws evenly to both 2x4's.

Step 4

Step 4: Install a FLOOR SEAM COVER PLATE on both sides to the center of the two joined wooden floors with a 1/4" x 2" lag screw (part no. 22061) – one bolt per face joint on each side for the wooden floors.

Step 5

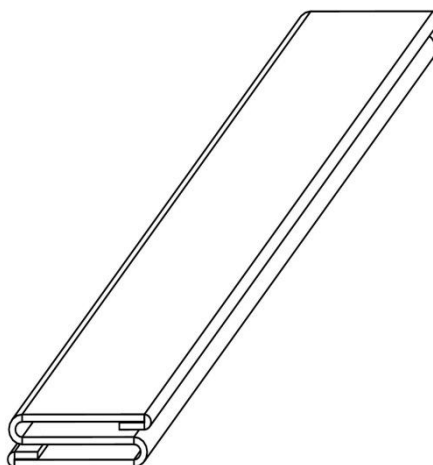
Step 5: Begin shed assembly with wooden floors on clean level surface. Apply paint, stain, or varnish as desired to protect the flooring.

Step 6

Step 6: Position BACK WALL SUBASSEMBLY as shown above.

Step 7

Step 7: Secure BACK WALL SUBASSEMBLY to the wooden floor installing ¼"x 2" lag screws into the 5 predrilled holes in the bottom flange. The BACK WALL will fall over until it is attached to at least one SIDE WALL SUBASSEMBLY. Support the back wall until it is attached to at least one side wall and **both** walls are securely lagged to the wooden floor.

Step 8

Lock strip

Step 8: Install a CORNER LOCK STRIP on both side edges of the back wall.

Step 9

Step 9: Install a SIDE WALL SUBASSEMBLY by inserting a side edge into one of the lock strips.

Step 10



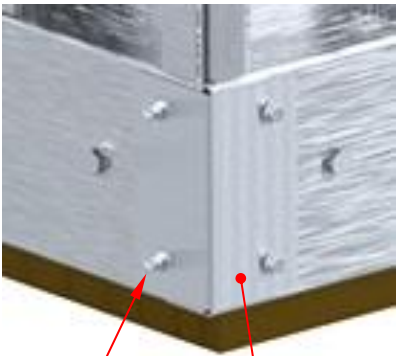
Step 10: Install another SIDE WALL SUBASSEMBLY on opposite side of BACK WALL. Brace the bottom of the side wall while inserting it into LOCK STRIP.

Step 11



Step 11: Secure both side walls to the wooden floor using 1/4" X 2" lag bolts into the 5 predrilled holes on each side.

NOTE: Your kit might include corner brackets (41-016-028). Brackets install over each corner with four (4) #12-24 X 7/8" DRILL & TAP SCREWS (32106)



Drill & tap screw

Corner bracket

Step 12



SIDE WALL CONNECTOR with concavity facing outward.

Step 12: Install LOCK STRIP on the free end of each SIDE WALL and then install a SIDE WALL CONNECTOR (part no. 41-014-032), as seen above on right hand side. See step 13 for installation. **NOTE:** The concavity of the SIDE WALL CONNECTOR should face outwards.

Step 13

Step 13: Insert the flange of one side of the SIDE WALL CONNECTOR into LOCK STRIP. Then, apply a LOCK STRIP to other flange of the SIDE WALL CONNECTOR. Repeat this step with the opposite side wall.

Step 14

Step 14: Install another SIDE WALL SUBASSEMBLY on each side. Then install 10pc 1/4"x2" lag bolts to secure walls to wooden floor. There are 5 predilled holes at the bottom of each SIDE WALL SUBASSEMBLY.

Step 15

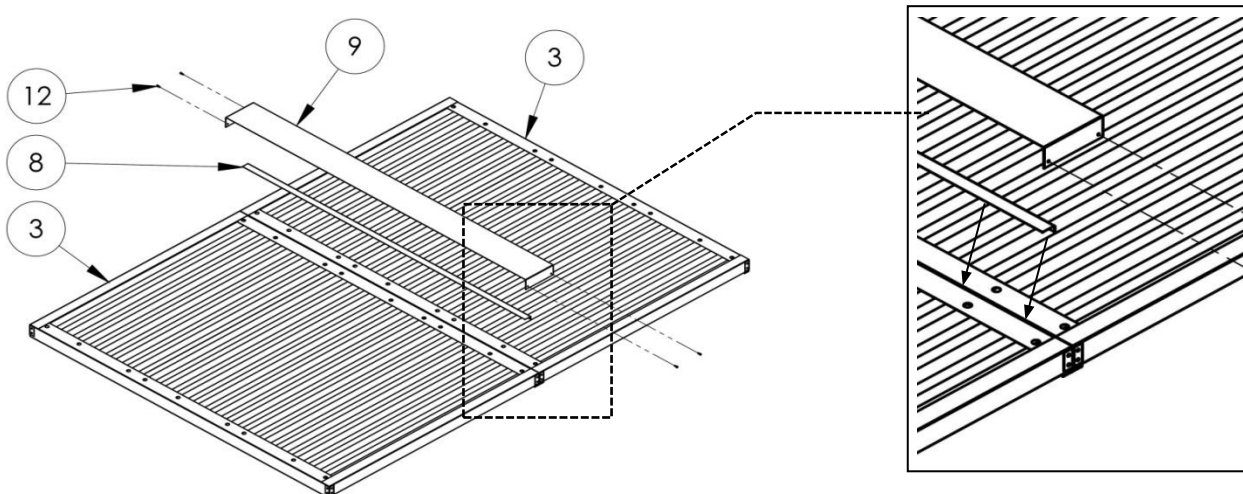
Photo shows FRONT WALL ASSEMBLY of STOR-912 without door.

Step 15: Install a LOCK STRIP on the free end of each SIDE WALL; then insert FRONT WALL assembly into the LOCK STRIPS. Install 5pc of 1/4"x2"lag screws into predilled holes to attach the FRONT WALL to the floor.

Step 16

Perimeter flange

Step 16: Place a ROOF WALL SUBASSEMBLY over one half of the shed. The perimeter flange of the ROOF WALL SUBASSEMBLY must be on the outside of the wall panels. Pull/tap the ROOF WALL down until the ROOF WALL seats on the tops of the supporting wall panels. Install the second ROOF WALL SUBASSEMBLY in the same way.

Step 17

Step 17: Install the short arm of the FORMED ROOF SEAM ANGLE PIECE (8) between the roof panels (3); then install the ROOF SEAM COVER PLATE (9) over the angle piece.

NOTE: Some shed kits combine parts 8 & 9 into a single welded cover plate. Insert the projection on the underside of the welded cover plate into the space between the roof panels.

Step 18

Step 18: Fasten the ROOF SEAM COVER PLATE to roof and walls with 4 self-tapping screws. (2 screws at each end of the cover plate).

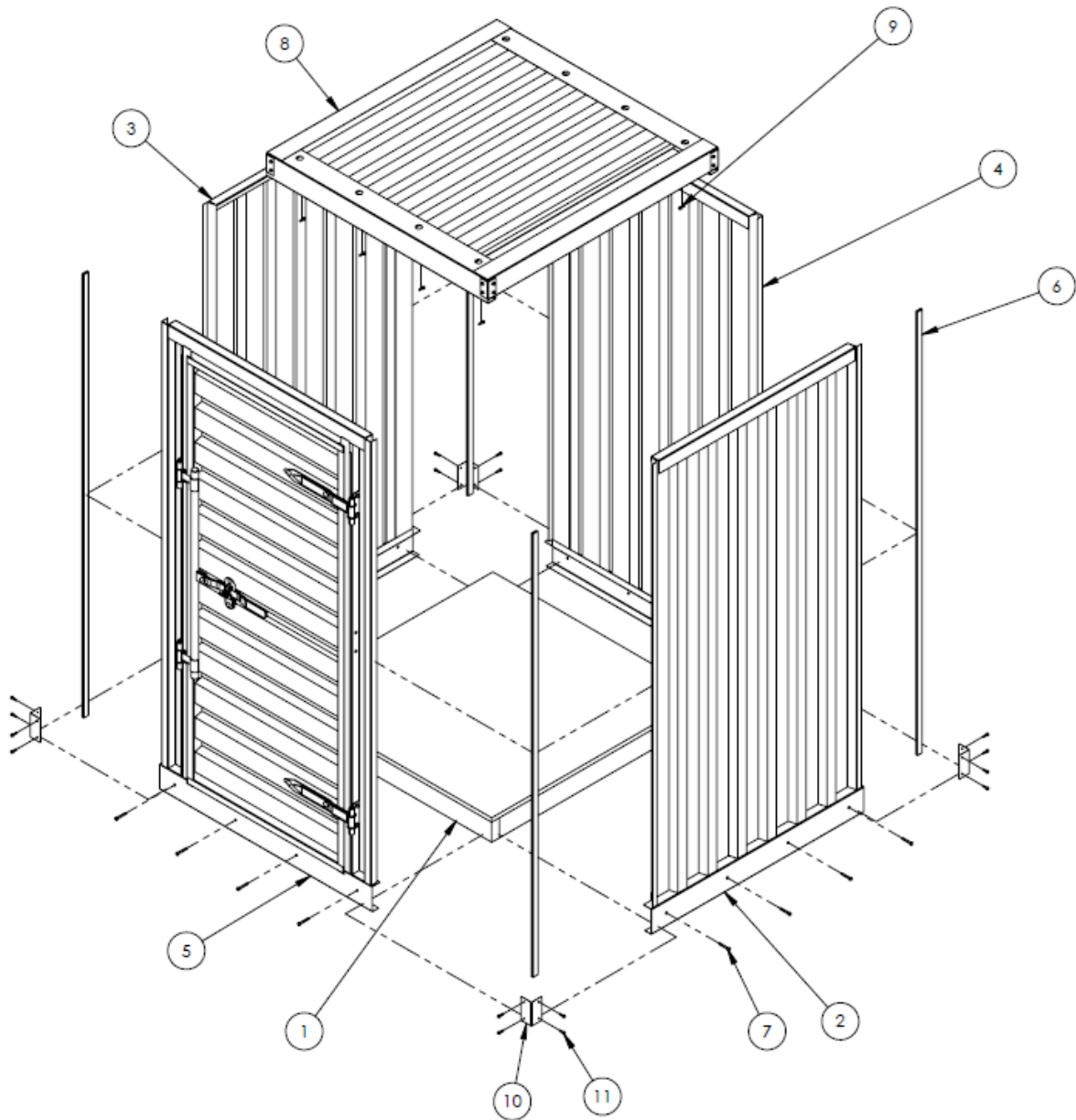
Step 19

Step 19: Secure roof to front and back walls with 16pc 1" long self-tapping screws (4pc per side). Holes are not predrilled. Space screws evenly.

The assembly process is complete.

EXPLODED VIEW AND BILL OF MATERIALS: STOR-44-G-W-1RH

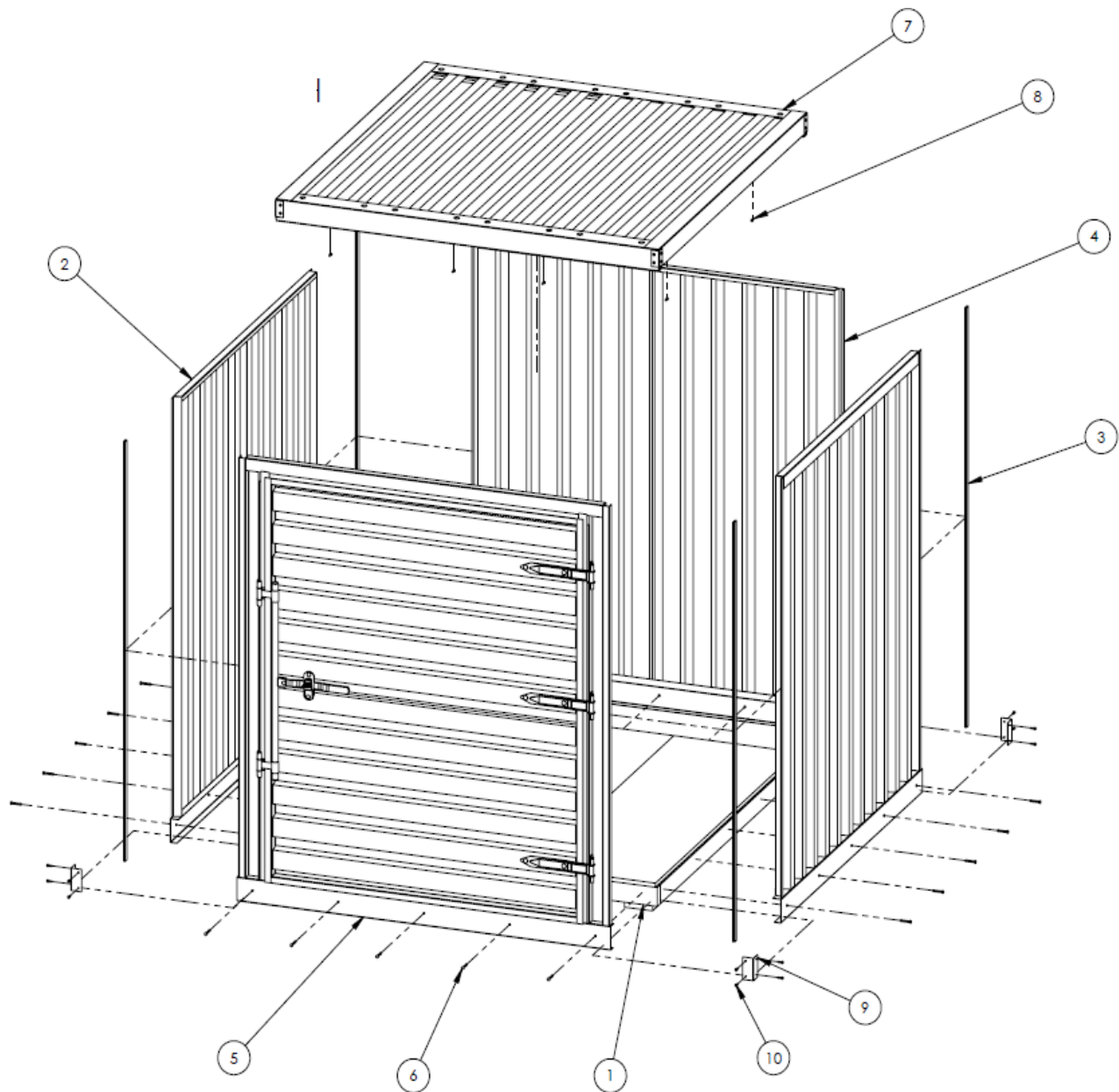
(41-006-065)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	41-514-107	WOOD FLOOR BASE ASSEMBLY, SMALL	1
2	41-514-104	RIGHT WALL FRAME, SIDING	1
3	41-514-105	LEFT WALL FRAME, SIDING	1
4	41-514-106	BACK WALL FRAME, SIDING	1
5	41-514-111	FRONT WALL FRAME ASSEMBLY	1
6	41-037-003	CORNER LOCK STRIP	4
7	22061	1/4"-10 X 2" HEX HEAD LAG SCREW, GRADE A	16
8	41-514-113	ROOF, WALL SUB-ASSEMBLY	1
9	31806	SELF-TAPPING SCREW	8
10	41-016-028	CORNER COVER BRACKET	4
11	32106	#12-24 X 7/8" DRILL & TAP SCREW	16

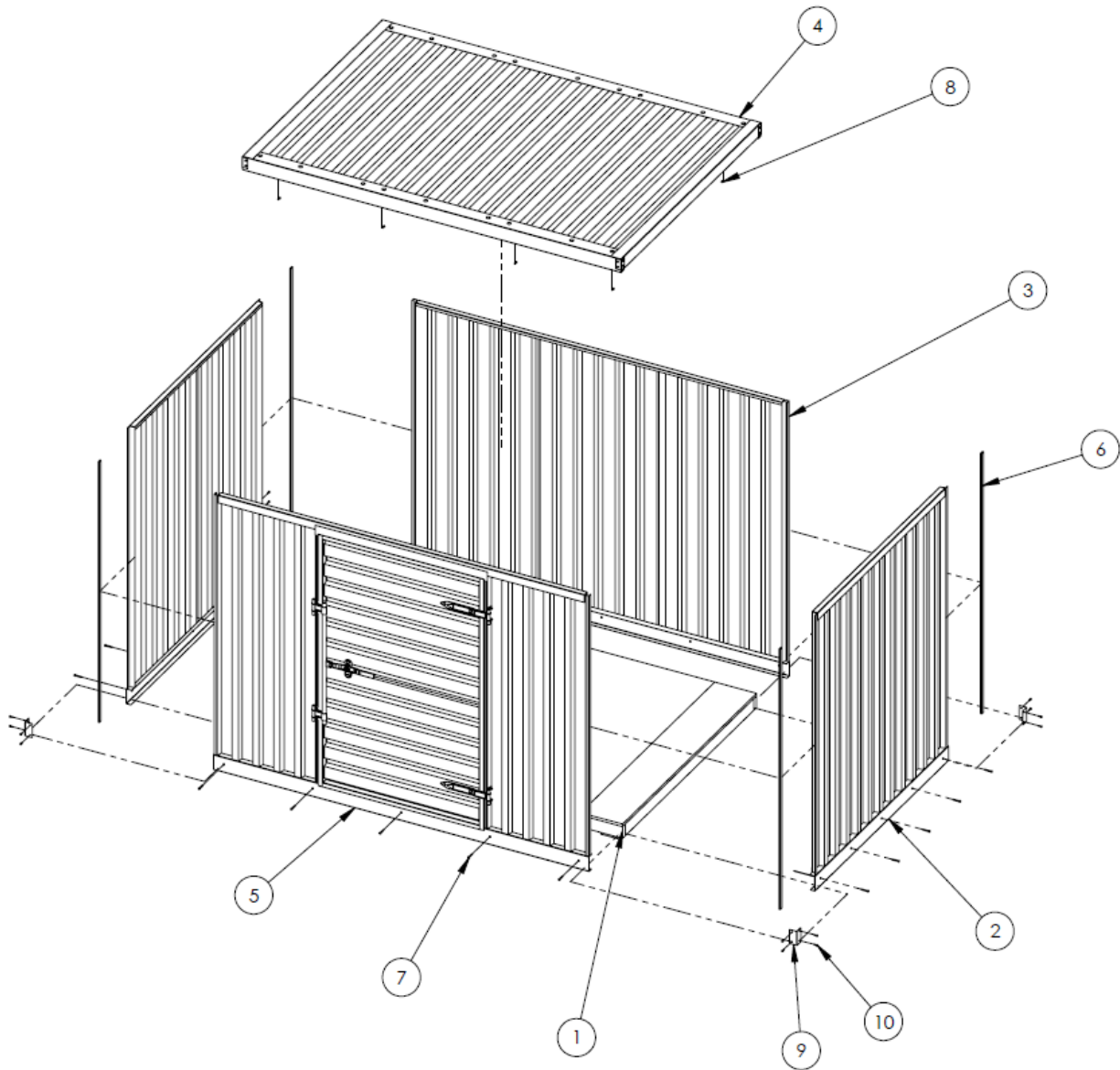
EXPLODED VIEW AND BILL OF MATERIAL: STOR-66-G-W-1RH-WD

(41-006-063)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	41-514-094	WOOD FLOOR BASE ASSEMBLY, SINGLE	1
2	41-514-103	SIDE WALL SUB-ASSEMBLY	2
3	41-037-003	CORNER LOCK STRIP	4
4	41-514-095	BACK WALL SUB-ASSEMBLY	1
5	41-514-099	FRONT WALL FRAME	1
6	22061	1/4"-10 X 2" HEX HEAD LAG SCREW, GRADE A	20
7	41-514-100	ROOF WALL SUB-ASSEMBLY	1
8	31806	SELF-TAPPING SCREW	8
9	41-016-028	CORNER COVER BRACKET	4
10	32106	#12-24 X 7/8" DRILL & TAP SCREW	16

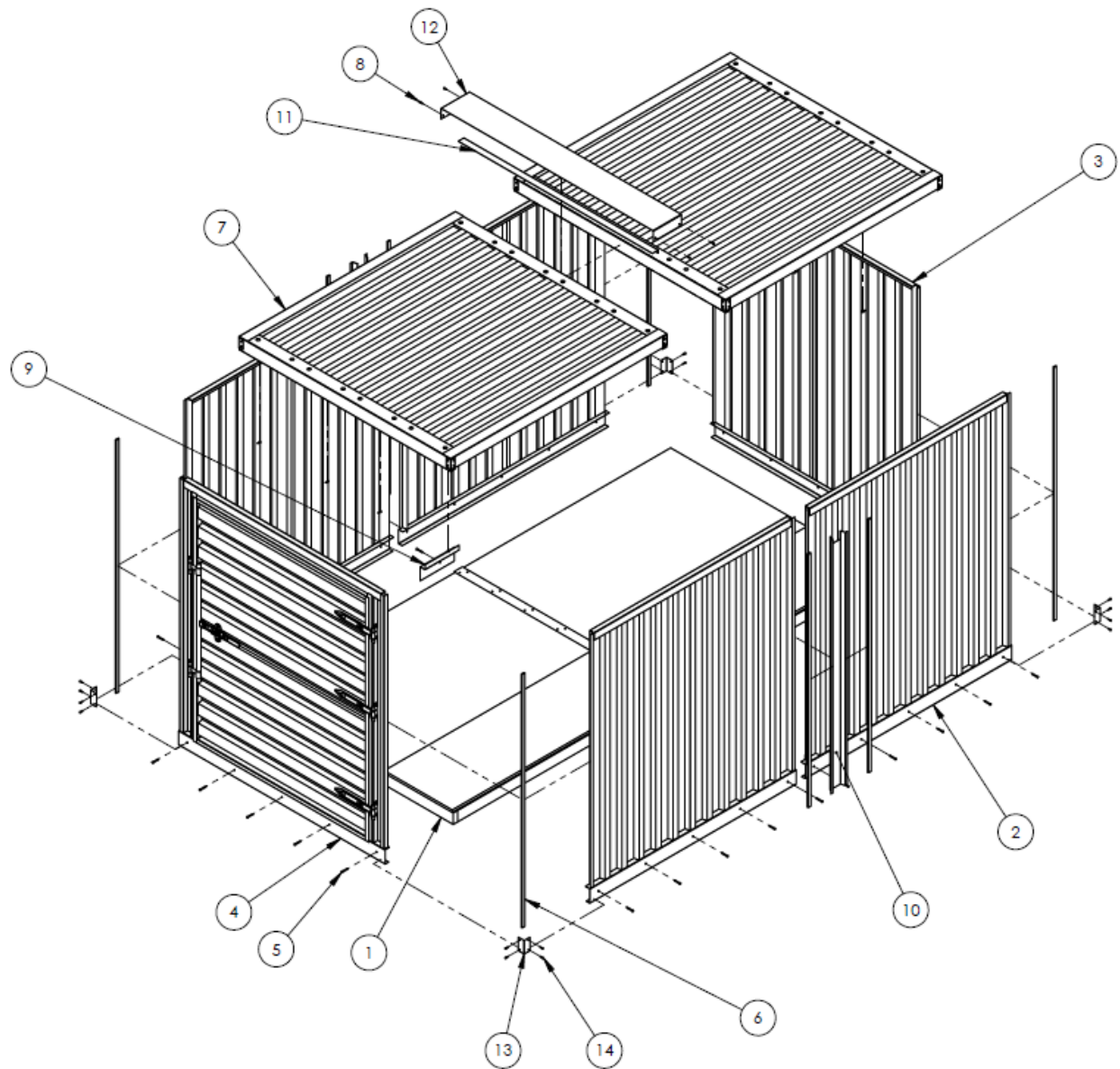
EXPLODED VIEW AND BILL OF MATERIALS: STOR-96-G-W-1RH-WD (41-006-006)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	41-514-017	WOOD FLOOR BASE ASSEMBLY, SINGLE	1
2	41-514-013	SIDE WALL SUB-ASSEMBLY	2
3	41-514-014	BACK WALL SUB-ASSEMBLY	1
4	41-514-016	ROOF WALL SUB-ASSEMBLY	1
5	41-514-048	FRONT WALL FRAME, ASSEMBLY	1
6	41-037-003	CORNER LOCK STRIP	4
7	22061	1/4"-10 X 2" HEX HEAD LAG SCREW, GRADE A	20
8	31806	SELF-TAPPING SCREW	8
9	41-016-028	CORNER COVER BRACKET	4
10	32106	#12-24 X 7/8" DRILL & TAP SCREW	16

EXPLODED VIEW AND BILL OF MATERIALS: STOR-612-G-W-1RH-WD

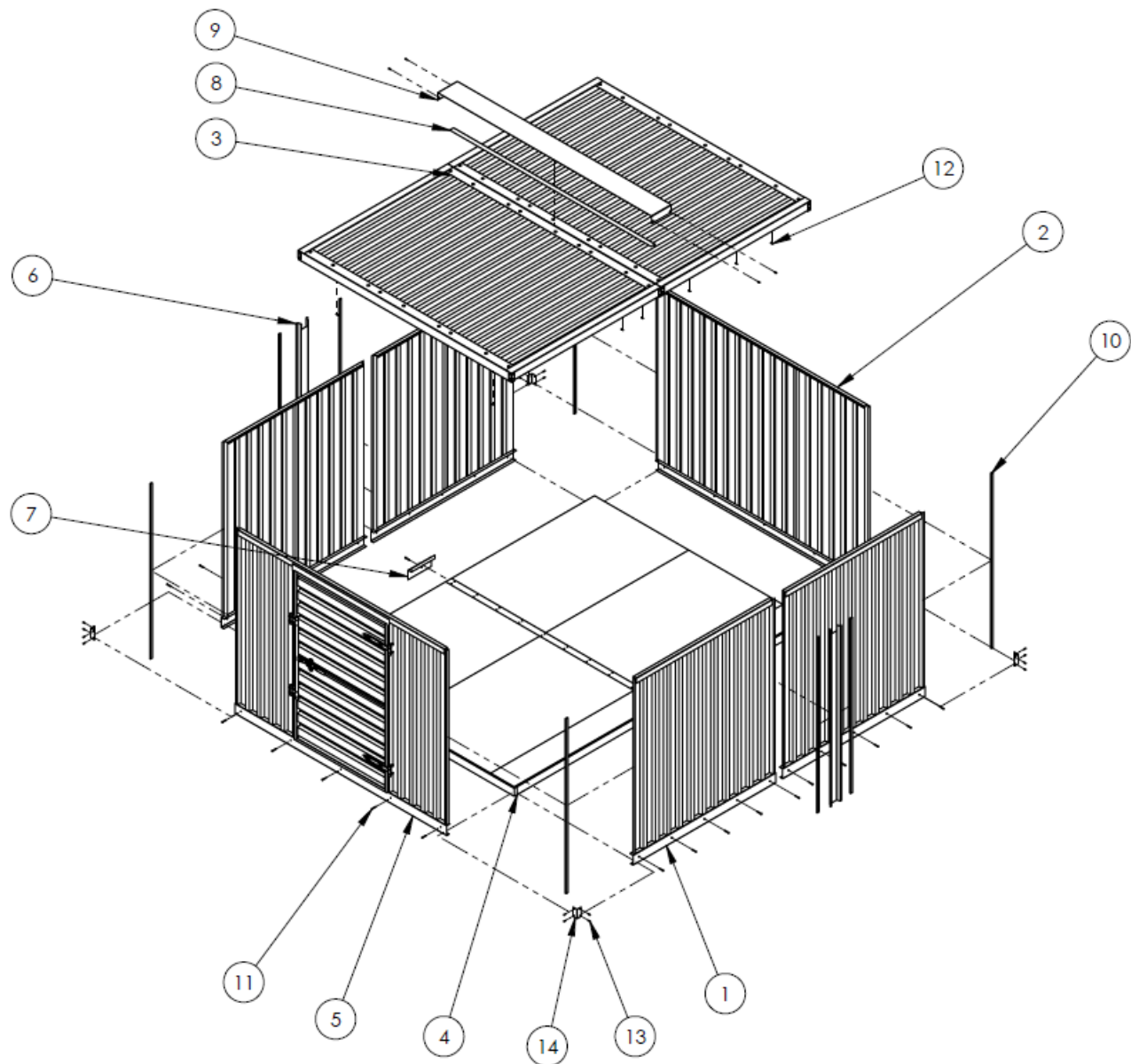
(41-006-064)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	41-514-102	WOOD FLOOR BASE ASSEMBLY, DOUBLE	1
2	41-514-013	SIDE WALL SUB-ASSEMBLY	4
3	41-514-095	BACK WALL FRAME SUB-ASSEMBLY	1
4	41-514-099	FRONT WALL FRAME ASSEMBLY	1
5	22061	1/4\"-10 X 2\" HEX HEAD LAG SCREW, GRADE A	32
6	41-037-003	CORNER LOCK STRIP	8
7	41-514-100	ROOF WALL SUB-ASSEMBLY	2
8	31806	SELF-TAPPING SCREW	12
9	41-014-030	FLOOR SEAM COVER PLATE	2
10	41-014-032	SIDE WALL CONNECTOR	2
11	41-014-218	ROOF SEAM ANGLE	1
12	41-014-219	ROOF SEAM COVER PLATE	1
13	41-016-028	CORNER COVER BRACKET	4
14	32106	#12-24 X 7/8\" DRILL & TAP SCREW	16

EXPLODED VIEW AND BILL OF MATERIALS: STOR-912-G-W-1RH

(41-006-007)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	41-514-013	SIDE WALL SUB-ASSEMBLY	4
2	41-514-014	BACK WALL SUB-ASSEMBLY	1
3	41-514-016	ROOF WALL SUB-ASSEMBLY	2
4	41-514-018	WOOD FLOOR BASE, DOUBLE	1
5	41-514-048	FRONT WALL ASSEMBLY	1
6	41-014-032	SIDE WALL CONNECTOR	2
7	41-014-030	FLOOR SEAM COVER PLATE	2
8	41-014-027	ROOF SEAM ANGLE	1
9	41-014-026	ROOF SEAM COVER PLATE	1
10	41-037-003	CORNER LOCK STRIP	8
11	22061	1/4\"-10 X 2\" HEX HEAD LAG SCREW, GRADE A	32
12	31806	SELF-TAPPING SCREW	20
13	32106	#12-24 X 7/8\" DRILL & TAP SCREW	16
14	41-016-028	CORNER COVER BRACKET	4

RECORD OF SATISFACTORY CONDITION (THE “RECORD”)

After the shed is assembled, make a detailed record of its condition. Include observations about all features: pivot points, welds, frame elements, especially features in contact with the ground, fasteners (anchor bolts, bolts, nuts, washers, etc.). Thoroughly photograph the unit from multiple angles so that all features are clearly imaged. Photograph all labels applied to the product. Make sure that the photos clearly show where each label is located. Collect all photographs and writings into a single file. This file is a record of the product in satisfactory condition. Compare the results of each inspection to this *RECORD* to determine if the unit is in satisfactory condition. Do not use the product unless it is in satisfactory condition.

INSPECTING AND MAINTAINING THE SHED

Inspections and repairs should only be performed by qualified persons. Compare the results of each inspection to the [RECORD OF SATISFACTORY CONDITION](#) (the “RECORD”). Do not keep the shed in service unless all parts are in satisfactory condition. Replace parts that are not in satisfactory condition before returning the shed to service. **DON'T GUESS! If you have any questions about the condition of your shed, contact the [TECHNICAL SERVICE](#) department.** The phone number is provided on the cover page of this manual. Never make temporary repairs of damaged or missing parts. Only use manufacturer-approved replacement parts. Replace the entire unit if it cannot be restored to satisfactory condition.

Contact [TECHNICAL SERVICE](#) to order replacement parts. Contact information is provided on the cover page of this manual.

Inspect the following at least once per month:

1. Outside Surfaces – Check all surfaces of the product for dirt or other matter. Remove leaves, litter, and other debris. Clean the surfaces of the shed.
2. Floor – Sweep or vacuum to remove debris. Apply touchup paint, stain, or varnish where needed.
3. Hinges and Locks -- Oil hinges and locks.
4. Hardware, fasteners – Examine hardware & fasteners (anchor bolts and sleeves, bolts, nuts, pins, screws, & clips). Tighten loose fasteners. Replace hardware as needed, e.g. if damaged, rusted, corroded, or missing. Any time a lock nut is removed, it must be replaced with a new lock nut.
5. Wall panels and roof panels – Examine each panel for wear, breaks, corrosion/rust, metal fatigue, and other forms of damage (e.g. impact damage). Remove rust and apply touchup paint to all areas where rust formed. Remove snow exceeding model's rating (45 lb/sq ft).
6. Labels – Replace labels that are damaged or not easily readable from a reasonable distance.
7. Base of the structure (elements in contact with the ground) – Examine the whole structure for rusting or metal erosion, rot, thinned regions. In particular, examine pivot points, and ground-contacting elements. 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.

LABELING DIAGRAM

Label content and locations are subject to change so your product might not be labeled exactly as shown. Compare this diagram to your [RECORD OF SATISFACTORY CONDITION](#). If differences exist between the diagram and the RECORD, please report your findings to our [TECHNICAL SERVICE](#) department. 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 [Parts Department](#).



LABEL 1153

MODEL / MODÉLO / MODÈLE	_____
WEIGHT / PESO / MASS	_____
CAPACITY / CAPACIDAD / CAPACITÉ	_____
SERIAL / SERIE / SÉRIE	_____
UNITS: 2.2 lb. = 1kg 1" (or 1in.) = 2.54cm 1153	

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	(260) 665-1339	info@vestil.com
2999 North Wayne Street, PO Box 507	<u>Phone</u>	Enter "Warranty service request"
Angola, IN 46703	(260) 665-7586	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.