READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.

Manufacturer: Backyard Discovery
3305 Airport Drive
Pittsburg, KS 66762
1-800-856-4445

Save this assembly manual for future reference in the event that you need to order replacement parts.
DO NOT RETURN THIS PRODUCT TO STORE!
If you have questions or concerns, please call 800-856-4445 or email customerserv@backyarddiscovery.com

IMPORTANT!
READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING.

BEFORE YOU BEGIN

• SAFETY FIRST
  Your safety is what matters, follow the instructions fully to ensure it gets disassembled correctly and safely.

• SURFACE PREPARATION
  To ensure proper disassembly you must uncrate your shed on a level firm surface.

• HANDLE WITH CARE
  This crate is your shed, handle all parts with care as you follow the instructions to take it apart.

• DON'T THROW ANYTHING AWAY
  Keep all parts during the disassembly until you are able to inventory the parts using the next Instruction Manual found in your shed crate.

• DON'T SKIP ANY STEPS
  This crate has been designed to keep it's parts from being damaged and from falling over. Skipping steps could cause parts to fall and land on you or cause damage to your shed or surrounding structures.
DISASSEMBLY TOOLS REQUIRED

- Drill
- Phillips Bit Driver

OTHER TOOLS WE SUGGEST

- Utility Knife
- 6' Ladder
- Gloves
DON’T SKIP ANY STEPS

This crate has been designed to keep its parts from being damaged and from falling over. Skipping steps could cause parts to fall and land on you or cause damage to your shed or surrounding structures.
• These instructions will take you step by step through the disassembly process.
• Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

PARTS BEING REMOVED

- 5/8” OSB FLOOR SHEATHING - W4L07734  5/8”x16”x92”

- FLOOR JOIST - W4L07662  1 1/2”x3 1/2”x89” TREATED

REMOVE ONLY THE 5 SCREWS SHOWN HERE.

REMOVE ONLY THIS PIECE.

NEXT: REMOVE SCREW (2 PLS)
PARTS BEING REMOVED

- FLOOR JOIST - W4L07662
  1 1/2"x3 1/2"x89" TREATED

- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

(1) RP1 - ROOF PANEL - W2A02123

TOP VIEW

REMOVE SCREW (2 PLS)

REMOVE

NEXT: REMOVE SCREW (2 PLS)
(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

REMOVE SCREW (2 PLS)
(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

• Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.
PARTS BEING REMOVED

- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

- REMOVE SCREW (2 PLS)
• Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

TOP VIEW

REMOVE

REMOVE 2 SCREWS
PARTS BEING REMOVED

(1) WP3 - FRONT CENTER WALL PANEL - W2A02120

- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.
- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

(1) WP2 - REAR CENTER WALL PANEL - W2A02119

**CAUTION**
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

**REMOVE SCREW (2 PLS)**
STOP

ONLY REMOVE LOOSE PARTS AND
MOVE TO NEXT STEP.
Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.
• Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

(1) RP1 - ROOF PANEL - W2A02123

PARTS BEING REMOVED

TOP VIEW

REMOVE

CAUTION
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

NEXT:
REMOVE SCREW (2 PLS)

REMOVE SCREW
(2 PLS)
- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

**CAUTION**

LOOSE PARTS BEHIND, MOVE WITH CAUTION.

**PARTS BEING REMOVED**

1. **DOOR DRIP BOARD - W4L07675**
   - 3/4”x1”x46 3/4” (20x24x1187)

2. **FASCIA BOARD - W4L07672**
   - 5/8”x2 3/8”x87 1/4” (16x60x2216)

**TOP VIEW**

- REMOVE SCREW (2 PLS)

**REMOVE**

- RP1 - ROOF PANEL - W2A02123

- FASCIA BOARD - W4L07672
  - 5/8”x2 3/8”x87 1/4” (16x60x2216)
CAUTION

LOOSE PARTS, MOVE WITH CAUTION.

REMOVE ALL LOOSE PARTS.
Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.
PARTS BEING REMOVED

(1) RP1 - ROOF PANEL - W2A02123

-Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

CAUTION
LOOSE PARTS BEHIND, MOVE WITH CAUTION.
CAUTION
LOOSE PARTS, MOVE WITH CAUTION.

- 5/8" OSB FLOOR SHEATHING - W4L07664
  5/8"x43"x92"

1 - LEVELING BLOCK - W4L07757
  1"x5 1/2"x8"

2 - LEVELING BLOCK - W4L07756
  1 1/2"x5 1/2"x8"

- 4" CONCRETE BLOCK - CB000001

- 2" CONCRETE BLOCK - CB000002

CAUTION
REMOVING BOARD WILL REDUCE STABILITY.

NEXT

- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

REMOVE LARGE SHEET.

REMOVE SCREW
(2 PLS)

REMOVE SCREW
(2 PLS)
Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

CAUTION
REMOVING BOARD WILL REDUCE STABILITY.

PARTS BEING REMOVED

(1) 5/8" OSB FLOOR SHEATHING - W4L07733
5/8"x31 7/8"x92"

(2) 4 x 4 RUNNER - W4L07670
3 3/4"x3 3/4"x92" TREATED

CAUTION
REMOVE PARTS WITH CAUTION.
- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

STOP
LAY DOWN REMAINING PARTS
BEFORE MOVING FORWARD.

REMOVE 8 SCREWS ON EACH SIDE AND SEPARATE A-FRAME STRUCTURE.
NOTE:
ONLY ONE WALL PANEL IS SHOWN. SO YOU WILL DO THESE STEPS TWICE.

REMOVE SCREW (4 PLS)

NOW THAT THE CRATE IS FULLY DISSASEMBLED IT'S TIME TO START WITH THE ASSEMBLY. YOU CAN NOW FIND THE ASSEMBLY INSTRUCTION MANUAL AND GET STARTED.
READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.

Manufacturer: Backyard Discovery  
3305 Airport Drive  
Pittsburg, KS 66762  
1-800-856-4445

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STOP!

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If you have questions or concerns,
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or
e-mail customerserv@backyarddiscovery.com

IMPORTANT!
READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.

BEFORE YOU BEGIN

• BUILDING RESTRICTIONS AND APPROVALS
  Be sure to check with local building department and homeowners association for specific restrictions and/or requirements before building.

• ENGINEERED DRAWINGS
  Contact our Customer Service Department if engineered drawings are needed to pull local permits.

• SURFACE PREPARATION
  To ensure proper assembly you must build your shed on a level firm surface.

• CHECK ALL PARTS
  Inventory all parts listed on the Parts Identification page of this manual before beginning construction.
  Contact our Customer Service Department if any parts are missing.

• ADDITIONAL MATERIALS
  Additional materials needed, and not supplied, to complete your shed are listed on the Parts Identification page of this manual.

KEEP THIS MANUAL FOR FUTURE REFERENCE
Caring For Your Structure

Wood Structures (Smart Panel)

- To prevent leaking and premature aging of your shed, we recommend wood structures be thoroughly prepared before treatment. All joints between wall siding boards, window trim, door trim, corner boards, soffits, fascias, rake trim, vents, and naturally occurring hairline cracks in knots must be properly sealed with high quality caulking prior to treatment. We strongly recommend nail holes in all material types be filled prior to treatment. In order to deter knots from bleeding through your finish, pre-treat knots with a suitable product.

**PAINT**

-NOT INCLUDED-

When painting your shed, there are a few key areas that can easily be overlooked that must be painted:
- Bottom edge of all siding and trim
- Inside of doors and all 4 edges.

- Smart Siding is a pre-primed material, see manufacturers recommended finishing:

**MANUFACTURER'S FINISHING INSTRUCTIONS**

**DO**
- Apply finish coat as soon as possible or within 30 days of application.
- High-quality acrylic latex paint, specially formulated for use on wood and engineered wood substrates, is highly recommended. Semi-gloss or satin finish oil or alkyd paints are acceptable.

**DO NOT USE**
- Semi-transparent and transparent stains.
- Shake and shingle paints.
- Vinyl-based resin formulas such as vinyl acetate, PVA, vinyl acetate/ acrylic copolymer paints.
ASSEMBLY TOOLS REQUIRED

- Hammer
- Drill with 3/8" Bit & Phillips Head Driver

OTHER TOOLS WE SUGGEST

- 6' Ladder
- 4' Level
- Square
- 1/8" Allen Wrench
- Tape Measure
- Pencil
- Gloves
- Safety Glasses
Basic Setup Dimensions

Place the shed on level ground, not less than 3 ft [1 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
Parts Identification
Wood Components
(NOT TO SCALE)

- RIM JOIST - W4L07661
  1 1/2"x3 1/2"x81 1/4" TREATED
(2)

- FLOOR JOIST - W4L07662
  1 1/2"x3 1 1/2"x89" TREATED
(7)

- 5/8" OSB FLOOR SHEATHING - W4L07734
  5/8"x15"x92"
(1)

- 5/8" OSB FLOOR SHEATHING - W4L07733
  5/8"x31 7/8"x92"
(1)

- 5/8" OSB FLOOR SHEATHING - W4L07664
  5/8"x43"x92"
(1)

- SIDE VERTICAL TRIM - W4L07665
  5/8"x2 3/8"x44 1/2" (16x60x1130)
(4)

- ANGLED ROOF TRIM - W4L07666
  5/8"x3 3/8"x36" (16x86x914)
(8)
Parts Identification
Wood Components
(NOT TO SCALE)

- 7/16" OSB GABLE BRACE - W4L07667
  7/16"x6 1/8"x11" TREATED

- SUPPORT BOARD - W4L07668
  5/8"x3 3/8"x22 1/8" (16x86x562)

- SUPPORT BLOCK - W4L07669
  1 1/2"x3 1/2"x3 1/2"

- 4 x 4 RUNNER - W4L07670
  3 3/4"x3 3/4"x92" TREATED

- FASCIA BOARD - W4L07672
  5/8"x2 3/8"x87 1/4" (16x60x2216)

- VERTICAL TRIM - W4L07674
  5/8"x3 3/8"x44 1/2" (16x86x1130)

- DOOR DRIP BOARD - W4L07675
  3/4"x1"x46 3/4" (20x24x1187)

- FILLER BOARD - W4L07701
  1"x3 3/8"x21 3/8" (24x86x543)
(2) WP1 - SIDE WALL PANEL - W2A02156

(1) WP2 - REAR CENTER WALL PANEL - W2A02119
(1) WP3 - FRONT CENTER WALL PANEL - W2A02120

(2) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

(2) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

(4) RP1 - ROOF PANEL - W2A02123

(2) LP1 - LOFT PANEL - W2A02124
**Parts Identification**

**Shingle Components**

*NOT TO SCALE*

**MATERIALS:**
- Supplied by Owner
- **CAULK**
- **PAINT**
- **ROOF COATING**

- **FULL - STARTER SHINGLE 7.125 x 36**
  - Quantity: 4
- **FULL - ASPHALT SHINGLE 12 x 36**
  - Quantity: 42
- **1 - ASPHALT SHINGLE 12 x 30**
- **2 - ASPHALT SHINGLE 12 x 22.25**
- **3 - ASPHALT SHINGLE 12 x 28.25**
- **RIDGE CAP 12**
  - Quantity: 17
- **RIDGE CAP 9.25**
  - Quantity: 1
- **SHINGLE CAP 5 x 11.75**
  - Quantity: 1
- **LEVELING BLOCK - W4L07757**
  - 1”x5 1/2”x6”
  - Quantity: 2
- **LEVELING SHINGLE 12 x 7.5 - A6P0027-L**
  - 12 x 7.5
  - Quantity: 4
- **2” CONCRETE BLOCK - CB000002**
  - 4” CONCRETE BLOCK - CB000001
  - Quantity: 2
- **LEVELING BLOCK - W4L07756**
  - 1 1/2”x5 1/2”x6”
  - Quantity: 2
Parts Identification

Hardware

(17) BN - SCREW PFH 8x1 - H100085
(26) BQ - SCREW PFH 8x1 1/4 - H100087
(102) BP - SCREW PFH 8x1 1/2 - H100086
(44) BS - SCREW PFH 8x1 3/4 - H100089
(13) BV - SCREW PFH 8x2 1/4 - H100091
(107) - SCREW T-25 9x2 - H100579
(68) - SCREW T-25 9x3 - H100578
(7) J - BOLT WH 5/16x1 3/4 - H100011
(4) M - BOLT WH 5/16x2 1/2 - H100014
(11) Q - BOLT WH 5/16x3 1/4 - H100017
(7) V - BOLT WH 5/16x5 - H100022

(17) CY - SCREW PWH 8x5/8 - H100128
(2) - 8x1 PFH SCREW BLK - WC - H100445
(9) VT - SCREW PFH 8x1-1/2 BLK - H100200
(4) - SCREW PFH 8x2 BLK - H100391
(362) - 7/8" ROOFING NAIL GALV. - H100446
(28) AC - WASHER LOCK EXT 8x19 - H100030
(28) BG - T-NUT 5/16 - H100074

(2) - T-40 TORX BIT - A100042
(1) - T-25 TORX IMPACT DRIVER - A100580
(1) - T-40 TORX WRENCH - A100041
Parts Identification
Accessories
(NOT TO SCALE)

(1) - LOCKING DOOR HANDLE

(2) - SPRING LATCH ASSEMBLY - A4M00774

(2) - VENT (8x16) - A4M00771

(1) MX - BYD ID TAG (MEDIUM) WITHOUT AGES - A100240

Backyard Discovery
Pittsburgh PA 15235
888-856-4465 • www.backyarddiscovery.com
**FLOOR FRAME**

- **RIM JOIST** - W4L07661
  1 1/2"x3 1/2"x91 1/4" TREATED

- **FLOOR JOIST** - W4L07662
  1 1/2"x3 1/2"x89" TREATED

- **4 x 4 RUNNER** - W4L07670
  3 3/4"x3 3/4"x92" TREATED

- **SCREW T-25 9x3** - H100578 (32)

**IMPORTANT:** On a level surface, make sure the floor frame is square before moving on to next step. It is critical that the 4x4 Runners be touching solid ground everywhere during this step. Being level is not yet a priority as we will level the structure after we get the floor assembled.

- Use a level to level structure.

- **NOTE:** Use pre-drilled pilot holes to help locate joist locations.

- We suggest you measure from outside corner to outside corner for squareness, as shown.

[Diagram of floor frame with labels and dimensions]
- Bring sheathing to square before securing with 2" torx drive fasteners.

5/8" OSB FLOOR SHEATHING
PLACE SHEATHING SMOOTH SIDE UP.

SCREW T-25 9x2
(81 PLCS)

Note: Make sheathing flush to front leaving any gaps to be at the back of the shed.

Place screws at 10" apart on the front and back of all sheets.
Place screws at 16" apart on the center and sides of all sheets as shown always landing on the joists.
FLOOR LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below.

INCLUDED LEVELING MATERIALS

- 2 pcs - 2x6x6 Treated Wood Block
- 2 pcs - 5/4x6x6 Treated Wood Block
- 1 pcs - 4x8x16 Concrete Block
- 2 pcs - 2x8x16 Concrete Block
- 2 pcs - Asphalt Shingles (Can be cut into 4” strips as needed for spacing)

• Start by locating the most level ground in your preferred shed locations. This area must be a stable, solid, and dry location. Enough leveling materials have been included to level a shed up to 6” out of level.
• Find the high ground and work in a circle leveling and raising each corner as needed until you’ve worked back to the high corner.

LEVELING

- Locate leveling material at the end of the runners.
- Asphalt shingles should be used between blocks and frame lumber to fine-tune and level frame. Never use shingles in direct contact with the ground.
- Always work either clockwise or counter clockwise when leveling and blocking.
- (Optional) For best results and aiding in water drainage you can use gravel under each concrete block.

NOTE: If you need more leveling materials you can brake Concrete Blocks in to two pieces. To do so tap 8-10 light to medium taps across the center of the block followed by one power blow in the center, repeat if needed until you get desired effect.

Example:

The leveling of the deck is crucial to the successful building of the shed. If it is not perfectly level and flat the entire building will suffer.

Always support floor frame seams.

Note: If your shed location is more than 6” out of level you will either need to get more materials at your local hardware store or relocate the shed location. (Note it’s not recommended to exceed 16” of leveling materials at one corner or side.)
RIGHT SIDE WALL INSTALLATION

(4) - SCREW T-25 9x3 - H100578

(1) WP1 - SIDE WALL PANEL - W2A02156

NOTE SIDING JOINT.

IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.

NOTE: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS WHEN MOUNTING WALLS.
• Attach (WP5) front right side wall to (WP1) right side wall securing with 3" torx drive fasteners, approximately 3-1/2" from both the top and bottom plates.

(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

(4) - SCREW T-25 9x3 - H100578

• IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.
• IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.
**FRONT LEFT WALL INSTALLATION**

- **(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121**
- **(1) SCREW T-25 9x3 - H100578**

- **(4) AC - WASHER LOCK EXT 8x19 - H100030**

- **(4) Q - BOLT WH 5/16x3 1/4 - H100017**

- **(1) V - BOLT WH 5/16x5 - H100022**

- **(3) BOLT WH 5/16x5 (3 PLCS)**

- **BOLT WH 5/16x3 1/4 (1 PLC)**

- **WASHER LOCK EXT 8x19 (4 PLCS)**

- **T-NUT 5/16 (4 PLCS)**

- **SCREW T-25 9x3 (1 PLC)**

- **• IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.**
• Attach (WP1) Side Wall Assembly by securing with 3” torx drive fasteners as shown below.

**IMPORTANT:** Make sure to mate the wall panel siding with joists. **DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.**
REAR LEFT WALL INSTALLATION

(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

(4) - SCREW T-25 9x3 - H100578

IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.
• IMPORTANT: Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.

NOTE AFTER REMOVING SAFETY BOARD OPEN AND CLOSE DOORS TO ENSURE PROPER FUNCTION BEFORE MOVING ON.
REAR RIGHT WALL INSTALLATION

(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

(4) BG - T-NUT 5/16 - H100074
(4) Q - BOLT WH 5/16x3 1/4 - H100017
(4) SCREW T-25 9x3 - H100578
(4) AC - WASHER LOCK EXT 8x19 - H100030

BOLT WH 5/16x3 1/4
(4 PLCS)

WASHER LOCK EXT 8x19
(4 PLCS)

T-NUT 5/16
(4 PLCS)

SCREW T-25 9x3
(3 PLCS)

SCREW T-25 9x3
(1 PLC)

WP4
WALL PANEL FASTENERS

(22) - SCREW T-25 9x2 - H100579

(6 PLCS)

SCREW T-25 9x2

OPTIONAL

For your convenience we recommend that the painting be done at this time. See "PAINT" on page 2 of this manual.

SCREW PFH 8x2 BLK - H100391 (4)

SCREW T-25 9x2 (6 PLCS)

SCREW PFH 8x2 BLK (4 PLCS)

SCREW T-25 9x2 (4 PLCS)

SCREW T-25 9x2 (6 PLCS)
You will need to use the T-40 handwrench to secure the bolt and t-nut combinations.
You will need to use the T-40 handwrench to secure the bolt and t-nut combinations.
(6) - 7/16" OSB GABLE BRACE - W4L07667
7/16"x6 1/8"x11" TREATED

(36) BP - SCREW PFH 8x1 1/2 - H100086

SCREW PFH 8x1 1/2
(36 PLCS)

7/16" OSB GABLE BRACE
(6 PLCS)
• ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE FRONT TRIM BOARDS IN NUMERICAL ORDER.

**START HERE**

1. **ANGLED ROOF TRIM** (4 PLCS)
2. **SIDE VERTICAL TRIM** (2 PLCS)
3. **FASCIA BOARD** (2 PLCS)
4. **VERTICAL TRIM** (2 PLCS)
5. **SCREW PFH 8x1 1/2** (34 PLCS)
6. **SIDE VERTICAL TRIM**

**CORNER TRIM PLACEMENT**

**NOTE BOARD/HOLE ORIENTATION. TRIM CAN ONLY GO ONE WAY.**
• ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE REAR TRIM BOARDS IN NUMERICAL ORDER.

- SIDE VERTICAL TRIM - W4L07665
  5/8"x2 3/8"x44 1/2" (16x60x1130)
  (2)

- VERTICAL TRIM - W4L07674
  5/8"x3 3/8"x44 1/2" (16x86x1130)
  (2)

- ANGLED ROOF TRIM - W4L07666
  5/8"x3 3/8"x36" (16x86x914)
  (4)

(24) BP - SCREW PFH 8x1 1/2 - H100086

NOTE BOARD/HOLE ORIENTATION. TRIM CAN ONLY GO ONE WAY.
VENT INSTALLATION

- The vent (8x16) is installed over the 4-1/2" holes in the front and rear center panels.

To ensure that water does not leak into the structure, apply caulk in the grooves and along the top of the top door trim & drip board.

DOOR DRIP BOARD

SCREW PFH 8x1 1/2
(4 PLCS)

DOOR DRIP BOARD INSTALLATION

VENT (8x16) (2 PLCS)

The vent is installed the same on both the front & back center walls.

DOOR DRIP BOARD

SCREW PWH 8x5/8
(8 PLCS)

(8) CY - SCREW PWH 8x5/8 - H100128

(4) BP - SCREW PFH 8x1 1/2 - H100086
**DOOR COMPONENTS**

**PREFERRED HANDLE INSTALLATION**

- Insert the handle into the hole from the outside with the handle in the "unlocked" position. The escutcheon plate on the latch should be mounted so the long dimension is vertical to the shed. Secure the latch in place using the 1" screws provided.

- Install the inside "D" handle onto the latch shaft using an 1/8" Allen wrench. The latch should be installed so there is no play between the back of the inside handle and the back of the door stop, located on the left door. When installing the handle, be sure the inside latch is being installed on the shaft so that it will latch on the left door when the outside handle is in the "locked position".

**SPRING LATCH INSTALLATION**

- The spring latches should attach to the door stop on the inside of the left door as you look at the door from the outside. Holes need to be drilled into the floor and header to make them functional.

- Carefully secure the latches in place so its parallel to door edge using the 1-1/2" screws provided.

- Hold the spring latch pin down against the floor with the end of the pin mated with the surface of the floor. Mark the floor by tapping the top of the pin with a hammer.

- Carefully drill a 3/8" hole into the floor allowing the pin to slide freely in and out of the drilled hole.

- Repeat process for the top spring latch, hole being drilled into door header.
• NOTE HOW THE SHINGLE PLACEMENT CHANGES AS YOU SWITCH SIDES WHILE WORKING FROM LEFT TO RIGHT. THIS WORKS THE SAME WAY IN THE FOLLOWING PAGES ONLY YOU WILL BE WORKING FROM RIGHT TO LEFT.

STARTER SHINGLES
USE THESE STEPS FOR BOTH SIDES

- STARTER SHINGLE 7.125 x 22.25
- FULL - STARTER SHINGLE 7.125 x 36

- 7/8" ROOFING NAIL GALV. - H100446

1/2" OVERHANG ON ALL SIDES OF SHED.
SHINGLE COURSE - START

PRE-CUTT SHINGLES WILL HAVE A NUMBER STAMPED ON THE SHINGLE. ARRANGE THESE SHINGLES AS SHOWN TO GET DESIRED RESULTS. (FULL SHINGLES ARE NOT NUMBERED)

• FAMILIARIZE YOURSELF WITH A 3-TAB SHINGLE.

SHINGLE NAIL PATTERN

NOTE NAIL PLACEMENT:
ONE NAIL ON EACH END OF SHINGLES AND ONE NAIL OVER EVERY RAIN SLOT. USE DIMENSIONS ABOVE FOR NAIL LOCATIONS.

• WORK RIGHT TO LEFT WHEN INSTALLING SHINGLE COURSES.

NOTICE:

1. FULL - ASPHALT SHINGLE 12 x 36
2. 1 - ASPHALT SHINGLE 12 x 30
3. (8) - 7/8" ROOFING NAIL GALV. - H100446

NOTE: SOMEx NAILS AREN'T SHOWN IN THE FIRST COURSE IN THIS PRESENTATION.

START HERE

NOTE NUMBERS ON SHINGLES.

SHINGLEOSPACING

5 1/4

△ 5 1/4

NOTE:
START SHINGLES WITH 1/2" OF OVERHANG OFF THE EDGES OF THE SHED AND FLUSH WITH THE STARTER SHINGLES.

IMPORTANT NOTE:
SHINGLE #1 STARTS APPROXIMATELY 5 1/4" ABOVE THE BOTTOM EDGE OF THE PRIOR SHINGLE.
FINISH SHINGLE COURSES

- CONTINUE PLACING SHINGLES AS SHOWN USING THE NUMBERS ON THEM TO DETERMINE PLACEMENT.

SIDE VIEW

Repeat Courses 1 & 2 all the way up the shed until you reach the peak as shown below.

SIDE VIEW
RIDGE CAP INSTALLATION

- IF NEEDED BEND EXCESS SHINGLES OVER PEAK BEFORE STARTING ON RIDGE CAPS.

- INSTALL FIRST RIDGE CAP FLUSH WITH SHINGLES BELOW AS SHOWN. START AT THE FRONT OF YOUR SHED AND WORK TOWARDS THE REAR.
• Install ridge caps 5" back, as shown.

NOTE: NAILS ARE COVERED BY NEW RIDGE CAPS.

REPEAT THIS STEP (15 TIMES)

• Install last ridge cap 5" back as shown, it should be flush with the back of your shed.

TOP VIEW

NOTE: THIS IS THE ONLY SHORT 9 1/4" RIDGE CAP, IT WAS SPECIALLY DESIGNED FOR THE REAR OF YOUR SHED.

• Install 5" Cap as shown. It should be flush with the back of your shed and cover up the nails from the prior step.

WHEN FINISHED USE PROPER ROOF COATING MATERIAL AROUND NAILS TO PREVENT LEAKS.

• You have finished your ridge cap.
WE SUGGEST YOU LEVEL LOFT PANELS BEFORE SECURING TO ROOF RAFTERS.

Equally space the (4) support boards along the bottom of the (2) loft panels.

SCREW PFH 8x1 3/4 (8 PLCS)

SCREW PFH 8x1 (16 PLCS)

SUPPORT BOARD (4 PLCS)
OPTIONAL - SHELF CONFIGURATION

(6) SUPPORT BLOCK - W4L07669
1 1/2"x3 1/2"x3 1/2"

(12) BV - SCREW PFH 8x2 1/4 - H100091

 SECURE SUPPORT (6) BLOCKS IN DESIRED HEIGHT LOCATIONS NO HIGHER THAN 43".
OPTIONAL - SHELF CONFIGURATION CONTINUED

(2) LP1 - LOFT PANEL - W2A02124

(4) SUPPORT BOARD - W4L07668
5/8"x3 3/8"x22 1/8" (16x86x562)

(32) BS - SCREW PFH 8x1 3/4 - H100089

SCREW PFH 8x1 3/4
(4 PLCS)

SUPPORT BOARD
(2 PLCS)

ASSEMBLE (2) SHELVES BEFORE INSTALLATION.

LEVEL SHELF PANELS BEFORE SECURING TO WALL STUDS.

SUPPORT BLOCK
(Assembled in previous step)

SCREW PFH 8x1 3/4
(8 PLCS)
BRANDING PLATE INSTALLATION

(1) MX - BYD ID TAG (MEDIUM) WITHOUT AGES - A100240

(4) CY - SCREW PWH 8x5/8 - H100128

SCREW PWH 8x5/8
(4 PLCS)

BYD ID TAG (MEDIUM) WITHOUT AGES
Post Installation FAQs

Shingles Aren’t Laying Flat
This is a normal condition. Please allow a minimum of (2) full weeks of temperatures above 60º F for shingles to seal.

Subfloor Sheathing
Small gaps between subfloor sheathing sheets are a normal aspect of construction. You may caulk gaps to fill and seal them if you wish. Floors may also be painted for additional protection and appearance. Consult with a professional paint and caulk supplier for recommendations.

Spring Latches Do Not Function Properly
Spring Latches can become misaligned due to building settling. The building can be re-leveled or adjustments can be made to the Spring Latches. To adjust, loosen all but (1) mounting screw and rotate it slightly until the latch pin is aligned with the hole, then re-install the screws.

My Door Handle Is Loose
The handle on the inside of your door may come loose over time. To tighten or re-install the handle, tighten the set screw onto the flat surface of the square shaft using an Allen wrench. A small amount of lubricant spray may help with a sticky lock.

Leveling Your Building
Your building is leveled but over time it may settle causing the doors to function improperly. Relevel structure as needed.
Backyard Discovery Sheds
15 Year Limited Warranty

This Limited Warranty by Backyard Discovery applies to Products manufactured under the Backyard Discovery brand.

Backyard Discovery warrants this product is free from defects in material and workmanship for a period of fifteen (15) years from the original date of purchase. This fifteen (15) year warranty covers all parts including wood, hardware, and accessories. All wood carries a fifteen (15) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within 30 days from date of purchase found to be missing from or damaged in the original packaging.

Pro-Rated Part Replacement Schedule

<table>
<thead>
<tr>
<th>Product Age</th>
<th>Customer Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALL PARTS</strong></td>
<td></td>
</tr>
<tr>
<td>0-30 days from date of purchase.</td>
<td>$0 for Parts and the Shipping is Free.</td>
</tr>
<tr>
<td>31 days to 1 Year.</td>
<td>$0 for Parts and customer pays for shipping.</td>
</tr>
<tr>
<td><strong>Wood Rot and Decay Only</strong></td>
<td></td>
</tr>
<tr>
<td>0-5 Years.</td>
<td>$0 for Parts and the Shipping is Free.</td>
</tr>
<tr>
<td>6-10 Years.</td>
<td>20% for Parts and customer pays for shipping.</td>
</tr>
<tr>
<td>11-15 Years.</td>
<td>40% for Parts and customer pays for shipping.</td>
</tr>
<tr>
<td>Over 15 Years.</td>
<td>100% for Parts and customer pays for shipping.</td>
</tr>
</tbody>
</table>

This warranty applies to the original owner and registrant and is non-transferable. **All exposed surfaces must be painted as soon as possible or within 30 days of purchase.** Regular maintenance is required to assure maximum life and performance of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner’s Manual.

This Limited Warranty does not cover:

- Labor for any inspection.
- Labor for replacement of any defective item(s).
- Incidental or consequential damages.
- Cosmetic defects which do not affect the performance or integrity of a part or the entire product.
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the applicable assembly manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure.
- Improper installation including but not limited to installation on uneven, non-level, or soft ground.
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect the performance of the integrity of the product.

Backyard Discovery products have been designed with safety and quality in mind. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modifications void any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for **RESIDENTIAL USE ONLY.**