Save this assembly manual for future reference in the event that you need to order replacement parts.
STOP!

DO NOT RETURN THIS PRODUCT TO STORE!
If you have questions or concerns,
please call 800-856-4445
or
e-mail 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.

DO THIS ON BOTH SIDES.
(2) RP1 - ROOF PANEL - W2A02123

- FLOOR JOIST - W4L07736
  1 1/2”x5 1/2”x89”

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.

TOP VIEW

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

**PARTS BEING REMOVED**

- FLOOR JOIST - W4L07736
  1 1/2”x5 1/2”x89”

**CAUTION**

LOOSE PARTS BEHIND, MOVE WITH CAUTION.
- FILLER BOARD - W4L077011"x3 3/8"x21 3/8" (24x86x543) (4)
- VERTICAL TRIM - W4L076745/8"x3 3/8"x44 1/2" (16x86x1130) (4)
- ANGLED ROOF TRIM - W4L076665/8"x3 3/8"x36" (16x86x914) (8)
- SIDE VERTICAL TRIM - W4L076655/8"x2 3/8"x44 1/2" (16x60x1130) (4)

LEFT SIDE

RIGHT SIDE

FILLER BOARD
(4 PCS)

ANGLED ROOF TRIM
(8 PCS)

VERTICAL TRIM
(4 PCS)

SIDE VERTICAL TRIM
(4 PCS)
**PARTS BEING REMOVED**

- **DRIP EDGE - W4L07741**
  1 7/16"x1 15/16"x62 3/4"

- **HEADER - W4L07739**
  1 1/2"x3 1/2"x58 1/2"

- **TOP DOOR TIRM - W4L07740**
  1 7/16"x3 3/8"x62 3/4"

---

*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.

CAUTION
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

REMOVE LEFT SIDE

REMOVE SCREW (2 PLCS)
• 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

(1) DIAMOND PLATE THRESHOLD - A4M00837

LEFT SIDE

DIAMOND PLATE THRESHOLD
(1 PCS)
(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

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.
• 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.
CAUTION
LOOSE PARTS, MOVE WITH CAUTION.

LEFT SIDE

REMOVE SCREW (2 PLCS)

REMOVE

(1) WP7 - FRONT RIGHT WALL PANEL - W2A02139
**CAUTION**
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

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

- SHINGLES
- RIDGE CAPS
- JOHN DEERE VENT (8x16)
- 4" CONCRETE BLOCK - CB000001
- VENT (8x16) - A4M00771
- 2" CONCRETE BLOCK - CB000002

LEFT SIDE

REMOVE ALL LOOSE PARTS
PARTS BEING REMOVED

- FLOOR JOIST - W4L07736
  1 1/2"x5 1/2"x89"
  (5)

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

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

STOP

ONLY REMOVE LOOSE PARTS AND
MOVE TO NEXT STEP.

RIGHT SIDE

FLOOR JOIST
(5 PCS)

FASCIA BOARD
(2 PCS)

REMOVE SCREW
(6 PLCS)
CAUTION
LOOSE PARTS, MOVE WITH CAUTION.

- LEVELING SHINGLE 12 x 7.5 - A6P0027-L
- 7/16" OSB GABLE BRACE - W4L07667
- 2" CONCRETE BLOCK - CB000002
- 4" CONCRETE BLOCK - CB000001
- 12 x 7.5 LEVELING SHINGLE (4)
- 7/16" x 6 1/8" x 11" TREATED OSB GABLE BRACE (6)
- 2" CONCRETE BLOCK (1)
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

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

REMOVE SCREW (2 PLCS)
- 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.
PARTS BEING REMOVED

(2) WP1 - SIDE WALL PANEL - W2A02156

PARTS BEING REMOVED

(2) - RIM JOIST - W4L07735
1 1/2"x5 1/2"x91 1/4"

NOTE:
DO THIS ON BOTH PANELS

• NOW THAT THE CRATE IS FULLY DISSASSEMBLED 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

Save this assembly manual for future reference in the event that you need to order replacement parts.
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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 \([1 \text{ m}]\) 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 - W4L07735
  1 1/2"x5 1/2"x91 1/4"
  (2)

- Floor Joist - W4L07736
  1 1/2"x5 1/2"x89"
  (9)

- 5/8" Floor Sheathing - W4L07738
  5/8"x43"x92"
  (1)

- 5/8" Floor Sheathing - W4L07737
  5/8"x48"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

- 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)

- DRIP EDGE - W4L07741
  1 7/16"x1 15/16"x62 3/4"

- FILLER BOARD - W4L07701
  1"x3 3/8"x21 3/8" (24x86x543)

- HEADER - W4L07739
  1 1/2"x3 1/2"x58 1/2"

- TOP DOOR TIRM - W4L07740
  1 7/16"x3 3/8"x62 3/4"
Parts Identification
Wall Panels

(2) WP1 - SIDE WALL PANEL - W2A02156

(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122
(1) WP2 - REAR CENTER WALL PANEL - W2A02119
(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121
Parts Identification
Wall Panels

(1) WP6 - FRONT LEFT WALL PANEL - W2A02138
(1) LEFT DOOR - W2A02140
(1) RIGHT DOOR - W2A02141
(1) WP7 - FRONT RIGHT WALL PANEL - W2A02139

(4) RP1 - ROOF PANEL - W2A02123
Parts Identification
Shingle Components
(NOT TO SCALE)

MATERIALS: Supplied by Owner

CAULK

ROOF COATING

PAINT

LEVELING MATERIALS:

- FULL - STARTER SHINGLE 7.125 x 36 (4)
- FULL - ASPHALT SHINGLE 12 x 36 (42)
- 1 - ASPHALT SHINGLE 12 x 30 (12)
- 2 - ASPHALT SHINGLE 12 x 22.25 (14)
- 3 - ASPHALT SHINGLE 12 x 28.25 (12)

- FULL - STARTER SHINGLE 7.125 x 36 (4)
- FULL - ASPHALT SHINGLE 12 x 36 (42)
- 1 - ASPHALT SHINGLE 12 x 30 (12)
- 2 - ASPHALT SHINGLE 12 x 22.25 (14)
- 3 - ASPHALT SHINGLE 12 x 28.25 (12)

- RIDGE CAP 12 (17)
- RIDGE CAP 9.25 (1)
- SHINGLE CAP 5 x 11.75 (1)

LEVELING BLOCKS:
- 4" CONCRETE BLOCK - CB000001 (2)
- 2" CONCRETE BLOCK - CB000002 (2)
- LEVELING BLOCK - W4L07757 1"x5 1/2"x6" (2)
- LEVELING BLOCK - W4L07756 1 1/2"x5 1/2"x6" (2)
- LEVELING SHINGLE 12 x 7.5 - A6P0027-L (4)

LEVELING BLOCKS:
- 4" CONCRETE BLOCK - CB000001 (2)
- 2" CONCRETE BLOCK - CB000002 (2)
- LEVELING BLOCK - W4L07757 1"x5 1/2"x6" (2)
- LEVELING BLOCK - W4L07756 1 1/2"x5 1/2"x6" (2)
- LEVELING SHINGLE 12 x 7.5 - A6P0027-L (4)

LEVELING BLOCKS:
- 4" CONCRETE BLOCK - CB000001 (2)
- 2" CONCRETE BLOCK - CB000002 (2)
- LEVELING BLOCK - W4L07757 1"x5 1/2"x6" (2)
- LEVELING BLOCK - W4L07756 1 1/2"x5 1/2"x6" (2)
- LEVELING SHINGLE 12 x 7.5 - A6P0027-L (4)
Parts Identification

Hardware

(4) CR - SCREW PFH 8x3/4 - H100121
(26) BQ - SCREW PFH 8x1 1/4 - H100087
(103) BP - SCREW PFH 8x1 1/2 - H100086
(9) BS - SCREW PFH 8x1 3/4 - H100089

(108) SCREW T-25 9x2 - H100579
(93) SCREW T-25 9x3 - H100578

(7) J - BOLT WH 5/16x1 3/4 - H100011
(4) M - BOLT WH 5/16x2 1/2 - H100014
(9) Q - BOLT WH 5/16x3 1/4 - H100017
(1) R - BOLT WH 5/16x3 1/2 - H100018

(13) CY - SCREW PWH 8x5/8 - H100128
(9) VT - SCREW PFH 8x1-1/2 BLK - H100200
(2) SCREW PFH 8x2 BLK - H100391

(373) 7/8" ROOFING NAIL GALV. - H100446

(20) AC - WASHER LOCK EXT 8x19 - H100030
(21) 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

(1) - VENT (8x16) - A4M00771

(1) - JOHN DEERE VENT (8x16)

(1) - DIAMOND PLATE THRESHOLD - A4M00837
• 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.

- RIM JOIST - W4L07735 1 1/2"x5 1/2"x91 1/4"
(2)

- FLOOR JOIST - W4L07736 1 1/2"x5 1/2"x89"
(9)

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

- SCREW T-25 9x3 - H100578
(40)

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

4 x 4 RUNNER 92" (2 PLCS)

RIM JOIST 92" (2 PLCS)

FLOOR JOIST (9 PLCS)

TOE-NAIL JOIST TO 4 x 4

FLUSH ON EACH CORNER

SCREW T-25 9x3
(36 PLCS)

NOTE USE PRE-DRILLED PILOT HOLES TO LOCATE JOIST LOCATIONS.

NOTE NARROW SPACEING IN JOISTS GOES TO THE FRONT OF SHED

12 TYP

SQUARE

SQUARE

14

92 O.A.

DOOR

DOOR

14

7 1/4

• We suggest you measure from outside corner to outside corner for squareness, as shown.
• Bring sheathing to square before securing with 2" torx drive fasteners.

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.
Use dimensions shown to locate additional screws.
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
• 2 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: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS FOR ADDED STRENGTH WHEN MOUNTING WALLS.

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.
LEFT SIDE WALL INSTALLATION

NOTE: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS FOR ADDED STRENGTH WHEN MOUNTING WALLS.

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 RIGHT WALL INSTALLATION

(1) WP6 - FRONT LEFT WALL PANEL - W2A02138

(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.

WE SUGGEST YOU SQUARE THE DOOR OPENING AND THE FLOOR SHEATHING FOR EASIER DOOR ASSEMBLY IN LATER STEPS.
FRONT RIGHT WALL INSTALLATION

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.

WE SUGGEST YOU SQUARE THE DOOR OPENING AND THE FLOOR SHEATHING FOR EASIER DOOR ASSEMBLY IN LATER STEPS.
THRESHOLD AND HEADER INSTALLATION

(1) - DIAMOND PLATE THRESHOLD - A4M00837
1/16"x6 1/2"x53 1/2" (2 x 154 x 1359)

(1) - HEADER - W4L07739
1 1/2"x3 1/2"x58 1/2"

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

(4) CR - SCREW PFH 8x3/4 - H100121

PLACE HEADER AND SCREW IN THROUGH SIDING AS SHOWN BELOW.

SCREW PFH 8x1 1/2
(5 PLCS)

SCREW PFH 8x3/4
(4 PLCS)
DOOR INSTALLATION

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

(1) - TOP DOOR TIRM - W4L07740
1 7/16"x3 3/8"x62 3/4"

(1) LEFT DOOR PANEL - W2A02140
(1) RIGHT DOOR PANEL - W2A02141

ATTACH SIDE VERTICAL TRIM TO JOISTS AT 1 5/16" BELOW THE FLOOR. USE THIS BOARD TO SET THE DOOR ON DURING INSTALLATION. WHEN FINISHED REMOVE AND REUSE THE BOARD AND SCREWS LATER.

TEMPORARY STEP TO HELP WITH DOOR ASSEMBLY:
USE H100086 SCREWS AND M3 BOARD BELOW.

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

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

ATTACH SIDE VERTICAL TRIM TO JOISTS AT 1 5/16" BELOW THE FLOOR. USE THIS BOARD TO SET THE DOOR ON DURING INSTALLATION. WHEN FINISHED REMOVE AND REUSE THE BOARD AND SCREWS LATER.

WE SUGGEST YOU USE A SQUARE TO MAKE SURE THE DOOR FRAME IS SQUARE WITH THE FLOOR SHEATHING AFTER YOU ATTACH IT. YOU MAY NEED TO LOOSEN THE SCREWS AND ADJUST IT IF NEEDED.
REAR RIGHT WALL INSTALLATION

(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122

• 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.

SCREW T-25 9x3 (4 PLCS)
REAR RIGHT WALL INSTALLATION

(1) WP2 - REAR CENTER WALL PANEL - W2A02119

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

(4) BG - T-NUT 5/16 - H100074

(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)
REAR RIGHT WALL INSTALLATION

(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121

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

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

(4) BG - T-NUT 5/16 - H100074

(4) SCREW T-25 9x3 - H100578

(4) SCREW T-25 9x3 - H100578

(4) T-NUT 5/16 - H100074

(4) WASHER LOCK EXT 8x19 - H100030

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

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WALL PANEL FASTENERS

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

-OPTIONAL-

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

(2) RP1 - ROOF PANEL - W2A02120

(2) - FILLER BOARD - W4L07701
1"x3 3/8"x21 3/8" (24x86x543)

(2) J - BOLT WH 5/16x1 3/4 - H100011
(4) M - BOLT WH 5/16x2 1/2 - H100014

(4) AC - WASHER LOCK EXT 8x19 - H100030
(4) BS - SCREW PFH 8x1 3/4 - H100089
(12) BG - T-NUT 5/16 - H100074
(2) BQ - SCREW PFH 8x1 1/4 - H100087

- You may need to use the T-40 handwrench to secure the bolt and t-nut combinations.

T-NUT 5/16 (2 PLCS)
WASHER LOCK EXT 8x19 (2 PLCS)
BOLT WH 5/16x2 1/2 (2 PLCS)
SCREW PFH 8x1 1/4 (12 PLCS)
FILLER BOARD (2 PLCS)

SCREW PFH 8x1 3/4 (4 PLCS)

T-NUT 5/16 (2 PLCS)
WASHER LOCK EXT 8x19 (2 PLCS)
BOLT WH 5/16x1 3/4 (2 PLCS)

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LEFT ROOF PANELS INSTALLATION

- You may need to use the T-40 handwrench to secure the bolt and t-nut combinations.

![Diagram of roof panel installation with labels for T-nuts, screws, and bolts.](image-url)
GABLE BRACES

(6) 7/16" OSB GABLE BRACE - W4L07667
7/16"x6 1/8"x11" TREATED

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

7/16" OSB GABLE BRACE
(6 PLCS)

SCREW PFH 8x1 1/2
(36 PLCS)
- ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE FRONT TRIM BOARDS IN NUMERICAL ORDER.

NOTE BOARD/HOLE ORIENTATION. TRIM CAN ONLY GO ONE WAY.
REAR TRIM BOARDS

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

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

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

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

- ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE REAR TRIM BOARDS IN NUMERICAL ORDER.

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

SCREW PFH 8x1 1/2 (24 PLCS)

CORNER TRIM PLACEMENT
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 COMPONENTS

(2) - SPRING LATCH ASSEMBLY - A4M00774

(1) - LOCKING DOOR HANDLE

(8) VT - SCREW PFH 8x1-1/2 BLK - H100200

(2) - SCREW PFH 8x2 BLK - H100391

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 2" 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".

• 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 through the threshold 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.

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 through the threshold allowing the pin to slide freely in and out of the drilled hole.
STARTER SHINGLES
USE THESE STEPS FOR BOTH SIDES

- STARTER SHINGLE 7.125 x 36
- STARTER SHINGLE 7.125 x 22.25
- 7/8" ROOFING NAIL GALV. - H100446

- WORK LEFT TO RIGHT WHEN INSTALLING STARTER SHINGLES.

1/2" OVERHANG ON ALL SIDES OF SHED.

FULL STARTER

START HERE

22 1/4
• Familiarize yourself with a 3-Tab Shingle.

**SHINGLE COURSE - START**

- Pre-cut shingles will have a number stamped on the shingle. Arrange these shingles as shown to get desired results. (Full shingles are not numbered)

- Work right to left when installing shingle courses.

**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.

**SHINGLE NAIL PATTERN**

- Nails on top edge of seal strip.
- One nail on each end of shingles and one nail over every rain slot. Use dimensions above for nail locations.

**LEFT SIDE**

**RIGHT SIDE**

**START HERE**

**NOTE:**
- Some nails aren't shown in the first course in this presentation.

**7/8” ROOFING NAIL GALV.**
- (11 PLCS)
- Asphalt shingle 12 x 30 (1 PLC)
- Asphalt shingle 12 x 36 (1 PLC)
FINISH SHINGLE COURSES

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

- REPEAT COURSES 1 & 2 ALL THE WAY UP THE SHED UNTIL YOU REACH THE PEAK AS SHOWN BELOW.


**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.**

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**TOP VIEW**

- **7/8” ROOFING NAIL GALV. (2 PLCS)**
- **RIDGE CAP 12 (1 PLCS)**
- **FLUSH**
- **WEATHER SEAL**

---

**FRONT OF SHED.**

- **1**
- **5 1/2**

---

**INSTRUCTION:**

- INSTALL FIRST RIDGE CAP FLUSH WITH SHINGLES BELOW AS SHOWN. START AT THE FRONT OF YOUR SHED AND WORK TOWARDS THE REAR.
SHINGLES - RIDGE CAP

- Install second ridge cap 5" back as shown. Repeat this process until you reach the end of the shed.

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

TOP VIEW

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

* You have finished your ridge cap.
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>Wood Rot and Decay Only</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.