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.
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.

DO NOT RETURN THIS PRODUCT TO STORE!
If you have questions or concerns, please call 800-856-4445
or email customerserv@backyarddiscovery.com

STOP!

1
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.

**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.

**TOP VIEW**

- **REMOVE SCREW (4 PLCS)**

**LEFT SIDE**

*DO THIS ON BOTH SIDES.*
- 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) RS2 - ROOF SHEATHING - W4L07708
7/16"x37"x92"

LEFT SIDE
PARTS BEING REMOVED

(4) N1 - CORNER TRIM - W4L07702
5/8”x2 3/8”x69 3/8”

(4) N2 - CORNER TRIM - W4L07704
5/8”x2 3/8”x69 1/2” (16x60x1765)

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

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

**PARTS BEING REMOVED**

(2) S1 - SOFFIT - W4L07706
1 1/2"x1 1/2"x92" (38x38x2337)

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

**LEFT SIDE**

REMOVE SCREW
(5 PLCS)

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.

CAUTION
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

REMOVE SCREW (6 PLCS)

RIGHT SIDE
- 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.

RIGHT SIDE

(1) WP9 - FRONT LEFT WALL PANEL - W2A02178

(1) LEFT DOOR PANEL - W2A02140

REMOVE SCREW (3 PLCS)

REMOVE
• 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.

PARTS BEING REMOVED

(2) M2 - TRIM - W4L07705
5/8"x3 3/8"x92" (16x86x2337)

(2) RS4 - ROOF SHEATHING - W4L07752
7/16"x14 5/8"x47 15/16"

RIGHT SIDE

REMOVE SCREW
(1 PLCS)

REMOVE
(1) WP5 - UNIVERSAL RIGHT CORNER PANEL - W2A02131

(1) WP4 - UNIVERSAL LEFT CORNER PANEL - W2A02130

-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.

RIGHT SIDE
PARTS BEING REMOVED

1. - 4" CONCRETE BLOCK - CB000001
2. - 2" CONCRETE BLOCK - CB000002
(2) - RIM JOIST - W4L07814
1 1/2"x5 1/2"x48"

SHINGLES

REMOVE ALL LOOSE PARTS.

RIGHT SIDE
**PARTS BEING REMOVED**

- 5/8” FLOOR SHEATHING - W4L07737
  5/8”x48”x92”

---

- 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.

---

**RIGHT SIDE**
CAUTION

REMOVING BOARD WILL REDUCE STABILITY.
- Floor Joist - W4L07736
  1 1/2" x 5 1/2" x 89"

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

CAUTION
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

(1) WP2 - REAR CENTER WALL PANEL - W2A02119

SHINGLES

(1) - 4” CONCRETE BLOCK - CB000001

RIDGE CAPS

(2) - 2” CONCRETE BLOCK - CB000002

LEFT SIDE

REMOVE SCREW (2 PLCS)

NEXT:
REMOVE LOOSE PARTS
PARTS BEING REMOVED

- FLOOR JOIST - W4L07736
  1 1/2" x 5 1/2" x 89"

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

(2) WP8 - CENTER WALL PANEL - W2A02143

REMOVE SCREW (4 PLCS)

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

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

- REMOVE SCREW (4 SCREWS)

- LEFT SIDE

- REMOVE SCREW (4 SCREWS)
- Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

**PARTS BEING REMOVED**

- (2) - 4 x 4 RUNNER - WA4L07670
  3 3/4"x3 3/4"x92" TREATED

NEXT:

- REMOVE SCREW (4 PLCS)
- REMOVE SCREW (8 PLCS)

LEFT SIDE

RIGHT SIDE
PARTS BEING REMOVED

(1) WP6 - SIDE WALL PANEL (RH)- W2A02128

-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 SCREW (2 PLCS)

RIGHT SIDE
**PARTS BEING REMOVED**

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

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

- **DIAMOND PLATE THRESHOLD - A4M00837**
  1 (1)

- **4 x 4 RUNNER - W4L07711**
  3.750"x3.750"x47.938" TREATED (1)

- **LEVELING BLOCK - W4L07756**
  1 1/2"x5 1/2"x6" (4)

- **S2 - SOFFIT - W4L07749**
  1 1/2"x1 1/2"x48" (38x38x1219) (2)

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

- **DIAMOND PLATE THRESHOLD - A4M00837**
  1 (1)

- **4 x 4 RUNNER - W4L07711**
  3.750"x3.750"x47.938" TREATED (1)

- **LEVELING BLOCK - W4L07756**
  1 1/2"x5 1/2"x6" (4)

- **S2 - SOFFIT - W4L07749**
  1 1/2"x1 1/2"x48" (38x38x1219) (2)

---

- 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.

REMOVE ALL LOOSE PARTS.
SEPARATE A-FRAME

STOP
LAY DOWN REMAINING PARTS
BEFORE MOVING FORWARD.

REMOVE SCREW (8 PLCS)

Lay on flat surface
PARTS BEING REMOVED

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

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

(2) WP7 - SIDE WALL PANEL (LH) - W2A02129

(1) WP6 - SIDE WALL PANEL (RH) - W2A02128

NOTE:
DO THESE STEPS ON BOTH REMAINING WALL PANELS.

• 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
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1-800-856-4445

Save this assembly manual for future reference in the event that you need to order replacement parts.
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 180 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)

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

(2) - 4 x 4 RUNNER - W4L07711
3.750"x3.750"x47.938" TREATED

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

(2) - RIM JOIST - W4L07814
1 1/2"x5 1/2"x48"

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

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

(2) - 4 x 4 RUNNER SUPPORT - W4L08271
1 1/2"x3 1/2"x10" TREATED

(1) - 5/8" FLOOR SHEATHING - W4L07738
5/8"x43"x92"

(2) - 5/8" FLOOR SHEATHING - W4L07737
5/8"x48"x92"
(2) WP7 - SIDE WALL PANEL (LH) - W2A02129

(2) WP6 - SIDE WALL PANEL (RH) - W2A02128

(1) WP2 - REAR CENTER WALL PANEL - W2A02119

(1) LEFT DOOR PANEL - W2A02140

(1) RIGHT DOOR PANEL - W2A02141
Parts Identification
Wall Panels

(1) WP5 - UNIVERSAL RIGHT CORNER PANEL - W2A02131
(2) WP8 - CENTER WALL PANEL - W2A02143
(1) WP4 - UNIVERSAL LEFT CORNER PANEL - W2A02130
(5) R1 - RAFTER ASSEMBLY - W2A02132
(1) WP9 - FRONT LEFT WALL PANEL - W2A02178
(1) WP10 - FRONT RIGHT WALL PANEL - W2A02179
Parts Identification
Shingle Components
(NOT TO SCALE)

MATERIALS:
Supplied by Owner

CAULK
ROOF COATING

LEVELING MATERIALS:

MATERIALS:
Supplied by Owner

PAINT
<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Quantity</th>
<th>Reference</th>
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<tbody>
<tr>
<td>BP</td>
<td>SCREW PFH 8x1 1/2</td>
<td>125</td>
<td>H100086</td>
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<tr>
<td>BW</td>
<td>SCREW PFH 8x3</td>
<td>15</td>
<td>H100092</td>
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<tr>
<td>CR</td>
<td>SCREW PFH 8x3/4</td>
<td>4</td>
<td>H100121</td>
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<tr>
<td></td>
<td>SCREW T-25 9x2</td>
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<td>H100579</td>
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<tr>
<td></td>
<td>SCREW T-25 9x3</td>
<td>158</td>
<td>H100578</td>
</tr>
<tr>
<td>R</td>
<td>BOLT WH 5/16x3 1/2</td>
<td>10</td>
<td>H100018</td>
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<tr>
<td>CY</td>
<td>SCREW PWH 8x5/8</td>
<td>13</td>
<td>H100128</td>
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<tr>
<td>VT</td>
<td>SCREW PFH 8x1-1/2 BLK</td>
<td>11</td>
<td>H100200</td>
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<td>7/8&quot; ROOFING NAIL GALV.</td>
<td>398</td>
<td>H100446</td>
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<td>AC</td>
<td>WASHER LOCK EXT 8x19</td>
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<td>H100030</td>
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<tr>
<td>BG</td>
<td>T-NUT 5/16</td>
<td>10</td>
<td>H100074</td>
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<td>T-40</td>
<td>TORX BIT</td>
<td>2</td>
<td>A100042</td>
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<td></td>
<td>TORX IMPACT DRIVER</td>
<td>1</td>
<td>A100580</td>
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<tr>
<td></td>
<td>TORX WRENCH</td>
<td>1</td>
<td>A100041</td>
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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. You should level the 4x4's the best you can before placing joists, this will help in the leveling step to come.

12 - RIM JOIST - W4L07735 1 1/2"x5 1/2"x91 1/4"
(2) 4 x 4 RUNNER - W4L07670 3 3/4"x3 3/4"x92" TREATED
(4) FLOOR JOIST - W4L07736 1 1/2"x5 1/2"x89"
(14) 4 x 4 RUNNER - W4L07711 3.750"x3.750"x47.938" TREATED
(2) RIM JOIST - W4L07814 1 1/2"x5 1/2"x48"
(2) 4 x 4 RUNNER SUPPORT - W4L08271 1 1/2"x3 1/2"x10" TREATED

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

FLUSH ON EACH CORNER

RIM JOIST 91.25" (2 PLCS)
4 x 4 RUNNER 92" (2 PLCS)
FLOOR JOIST (14 PLCS)

SCREW T-25 9x3 (12 PLCS)
SCREW T-25 9x3 (8 PLCS)

SCREW T-25 9x3 (56 PLCS)

4 x 4 RUNNER SUPPORT (2 PLCS)

SCREW T-25 9x3 (5 PLCS)

NOTE NARROW SPACEING IN JOISTS GOES TO THE FRONT OF SHED

• We suggest you measure from outside corner to outside corner for squareness, as shown.
FLOOR LEVELING OPTIONS

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

INCLUDED LEVELING MATERIALS
- 4 pcs - 2x6x6 Treated Wood Block
- 4 pcs - 5/4x6x6 Treated Wood Block
- 2 pcs - 4x8x16 Concrete Block
- 4 pcs - 2x8x16 Concrete Block
- 4 pcs - 7.5x12 Asphalt Shingles (Can be cut in half if needed)

- 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 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.)
**FLOOR SHEATHING**

- Bring sheathing to square before securing with 2" star drive fasteners.

ALL SCREWS LAND IN JOISTS BELOW.

**5/8" FLOOR SHEATHING**

- 5/8" FLOOR SHEATHING - W4L07737 5/8"x48"x92" (2)
- 5/8" FLOOR SHEATHING - W4L07738 5/8"x43"x92" (1)
- SCREW T-25 9x2 - H100579 (150)

ALL SCREWS LAND IN JOISTS BELOW.

START AT THE FRONT OF THE SHED AND WORK TOWARDS THE REAR WHEN PLACING SHEATHING.

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

Place screws at 10" apart on the outer edges of all sheets.
LEFT FRONT WALL INSTALLATION

(1)  WP6 - SIDE WALL PANEL (RH) - W/2A02128

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

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 REAR & MIDDLE WALL INSTALLATION

NOTE: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS 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.
RIGHT FRONT WALL INSTALLATION

(1) WP7 - SIDE WALL PANEL (LH) - W2A02129

NOTE: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS 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 LEFT WALL INSTALLATION

(1) WP9 - FRONT LEFT WALL PANEL - W2A02178

NOTE: MAKE SURE SCREWS EITHER GO INTO RIM JOISTS OR FLOOR JOISTS 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.
USE HAMMER TO TAP IN T-NUTS

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.
DOOR HEADER AND THRESHOLD INSTALLATION

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

2. SCREW PFH 8x3/4 (4 PLCS)

3. SCREW PFH 8x1 1/2 (5 PLCS)

4. DIAMOND PLATE THRESHOLD - A4M00837

5. BP - SCREW PFH 8x1 1/2 - H100086

6. 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

ATTACH M3 TO JOISTS AT 1 1/4" BELOW THE FLOOR. USE THIS BOARD TO SET THE DOOR ON DURING INSTALLATION. WHEN FINISHED REMOVE AND REUSE THE BOARD AND SCREWS LATER.

M3 - TRIM - W4L07750
5/8"x3 3/8"x48" (16x86x1219)

(1) SCREW T-25 9x3 - H100578

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

(1) LEFT DOOR PANEL - W2A02140

1 1/4 - SCREW T-25 9x3 - H100578 (15)

(1) RIGHT DOOR PANEL - W2A02141

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

FLUSH

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

M3 - TRIM - W4L07750
5/8"x3 3/8"x48" (16x86x1219)

ATTACH M3 TO JOISTS AT 1 1/4" BELOW THE FLOOR. USE THIS BOARD TO SET THE DOOR ON DURING INSTALLATION. WHEN FINISHED REMOVE AND REUSE THE BOARD AND SCREWS LATER.
RIGHT REAR WALL INSTALLATION

(10) SCREW T-25 9x3 - H100578

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.

- OPTIONAL - If needed you can loosen the shown screw to allow for easier fit.

(1) WP6 - SIDE WALL PANEL (RH) - W2A02128
(2) WP8 - CENTER WALL PANEL - W2A02143

REAR VIEW
REAR RIGHT WALL INSTALLATION

(1) WP5 - UNIVERSAL RIGHT CORNER PANEL - W2A02131

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.
REAR CENTER WALL INSTALLATION

(1) WP2 - REAR CENTER WALL PANEL - W2A02119

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

(4) R - BOLT WH 5/16x3 1/2 - H100018

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

USE HAMMER TO TAP IN T-NUTS

WASHER LOCK EXT 8x19
(4 PLCS)

BOLT WH 5/16x3 1/2
(4 PLCS)

T-NUT 5/16
(4 PLCS)

•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 panelsiding with the outside floor joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND THE FLOOR JOIST.

**REAR LEFT WALL INSTALLATION**

- **WP4 - UNIVERSAL LEFT CORNER PANEL - W2A02130**
- **R - BOLT WH 5/16x3 1/2 - H100018**
- **BG - T-NUT 5/16 - H100074**
- **AC - WASHER LOCK EXT 8x19 - H100030**
- **SCREW T-25 9x3 - H100578**

**USE HAMMER TO TAP IN T-NUTS**

**TOP VIEW**

**NO GAP BETWEEN PANELS**
For your convenience we recommend that the painting be done at this time. See "PAINT" on page 2 of this manual.
PLACEMENT OF RAFTERS OVER VERTICAL WALL STUDS.
RAFTERS SHOULD OVERHANG 1.5" ON EACH SIDE AS SHOWN BELOW.

INSTALL RAFTERS OVER VERTICAL WALL STUDS LOCATING THEM BY USING THE DIMENSIONS BELOW.

⚠️ NOTE: CRITICAL DIMENSION
CORNER TRIM INSTALLATION

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

(4) N1 - CORNER TRIM - W4L07702
5/8"x2 3/8"x69 3/8"

(4) N2 - CORNER TRIM - W4L07704
5/8"x2 3/8"x69 1/2" (16x60x1765)

FIRST: INSTALL N2 FLUSH TO FRONT WALL PANEL AND FLUSH TO BOTTOM OF SIDING.
SECOND: INSTALL N1 FLUSH WITH N2 AND FLUSH WITH THE BOTTOM OF THE SIDING.

TOP VIEW

FRONT VIEW

SCREW PFH 8x1 1/2 (24 PLCS)
REST S1 & S2 UNDER RAFTERS AND ON TOP OF THE N2 SIDE TRIM BOARDS. ALIGN S1 & M2 PILOT HOLES AND MOUNT WITH SCREWS, REPEAT WITH S2 & M3.

NOTE ORIENTATION OF M2

NOTE SCREWS PASS THROUGH BOTH PILOT HOLES.
ASSEMBLE TRIM BOARDS TO BE CENTER TO PEAK AND HAVE 7/16" OFFSET FROM RAFTERS AND SIDING.

NOTE: M1'S SIT ON N1'S TO GET DESIRED HEIGHT; IF NEEDED ADJUST N1 BOARDS UP OR DOWN TO GET REQUIRED 7/16" GAP ON M1 TRIM AS SHOWN BELOW.
ROOF SHEATHING INSTALLATION

NOTE: PLACE SHEATHING ROUGH SIDE UP.

SIDE VIEW

NOTE: USE DIMENSIONS BELOW TO SQUARE RAFTERS.

PREferred ASSEMBLY METHOD:

PLACE RS2's ON FIRST, USING A TAPE MEASURE ADJUST RAFTERS AS NEEDED TO GET SPACING AS SHOWN. THIS STEP IS NEEDED TO SQUARE RAFTERS, ONCE RAFTERS ARE SQUARE AND STRAIGHT SCREW DOWN RS2's TO HOLD RAFTERS IN PLACE. ONCE YOUR SATISFIED YOU CAN THEN MOUNT RS1's.

TO HELP LOCATE SCREW PLACEMENT, USE A TAPE MEASURE AND MEASURE FROM THE BACK OF SHED MARKING SHOWN LOCATIONS. PLACE SCREWS AT THESE LOCATIONS WHEN MOUNTING SHEATHING.

NOTE: USE DIMENSIONS ABOVE FOR SCREW SPACING.
The vents are installed over the 4-1/2" holes in the front and rear center panels. Vent alignment should be centered horizontally and touching the trim above it vertically.

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.
STARTER SHINGLES

USE THESE STEPS FOR BOTH SIDES

• WORK LEFT TO RIGHT WHEN INSTALLING STARTER SHINGLES.

START HERE

LEFT SIDE

RIGHT SIDE

TOP VIEW

RIGHT SIDE

LEFT SIDE

34 1/4
36
36
36

LEFT SIDE

36
36
36
34 1/4

RIGHT SIDE

7/8" ROOFING NAIL GALV. (16 PLCS)

1/2" OVERHANG ON ALL SIDES OF SHED.

STARTER SHINGLE 7.125 x 34.25 (1 PLC)

• 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.
• 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.

SHINGLE NAIL PATTERN

FAMILIARIZE YOURSELF WITH A 3-TAB SHINGLE.

FULL

1

-7/8" ROOFING NAIL GALV. - H100446

NOTE:

SHINGLE #1 STARTS APPROXIMATELY 5 1/4" ABOVE THE BOTTOM EDGE OF THE PRIOR SHINGLE.

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.

• 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.

TOP VIEW
FRONT OF SHED.

WEATHER SEAL

ONE NAIL PER SIDE ABOVE WEATHER SEAL.

5 1/2
**RIDGE CAP INSTALLATION**

- 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.

- 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.
**DOOR COMPONENTS**

(2) - SPRING LATCH ASSEMBLY - A4M00774

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

(1) - LOCKING DOOR HANDLE

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**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 1-1/2" 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".

**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.

- Repeat process for the top spring latch, hole being drilled into door header.

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**NOTE ALLEN SCREW**  
SCREW PFH 8x1-1/2 BLK (2 PLCS)

**TURN HANDLE 1/4 TURN TO INSTALL SCREWS AS SHOWN.**

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**TAP THE TOP OF THE SPRING LATCH PIN TO MAKE INDENTION IN FLOOR AND HEADER.**

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**NOTE PILOT HOLES IN DOOR STOP.**  
SCREW PFH 8x1-1/2 BLK (8 PLCS)

**DOOR STOP**  
SPRING LATCH (2 PLCS)

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**THRESHOLD**
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 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>ALL PARTS</td>
<td>$0 for Parts and the Shipping is Free.</td>
</tr>
<tr>
<td>0-30 days from date of purchase.</td>
<td>$0 for Parts and customer pays for shipping.</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.