Thank you for purchasing a 12x4 SpaceSaver Shed with Sliding Doors. Please take the time to identify all the parts prior to assembly.

**Safety Points and Other Considerations**

Our products are built for use based on proper installation on level ground and normal residential use. Please follow the instruction manual when building your shed and retain the manual for future maintenance purposes.

Customers are responsible for ensuring a solid, level, well-draining site for construction.

Please check with your local municipal or county by-laws before ordering this product to confirm it complies with building codes.

- Snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep snow off roof frequently.
- If the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.
- In areas with high or gusty wind conditions, it is advisable to install the structure securely to the ground.
- Have a regular maintenance plan to ensure screws, doors, windows and parts are tightly affixed.

Customer agrees to hold Outdoor Living Today and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

In the event of a missing or broken piece, call the Outdoor Living Today Customer Support Line @ 1-888-658-1658 within 30 days of the delivery of your purchase. It is our commitment to you to courier replacement parts, free of charge, within 10 business days of this notification. Replacement parts will not be provided free of charge after the 30 day grace period.

All structures purchased from Outdoor Living Today are covered for a period of one year for defects in manufacturing and workmanship. Costs incurred for customer installations are not included.

Failure to use supplied parts included in this kit could result in poor product performance and may void your warranty. Please contact Outdoor Living Today’s Customer Toll Free Line if you plan to deviate from our written instructions.
Thank you for purchasing our 12x4 SpaceSaver Sliding Door Shed. Please take the time to identify all the parts prior to assembly.

### 1. Floor Section

**Floors**
- **1A:** 2 - 45 ½" x 70 ¾" - Floor Frames
- **1B:** 4 - 1 ½" x 3 ½" x 67 3/4" - Floor Joists
- **1C:** 7 - 1 ½" x 3 ½" x 45 ½" - Floor Runners
- **1D:** 2 - 5/8" x 45 3/8" x 70 5/8" - Plywood Floor

### 2. Wall Section

**Main Wall Panels**
- **2A:** 5 - 45 ½" x 75" - Side/Rear Wall Panels
- **2B:** 5 - 1 5/8" x 2 1/2" x 45 ½" - Bottom Wall Plates - Side/Rear Walls
- **2BB:** 2 - 1 5/8" x 2 1/2" x 35" - Bottom Wall Plates - Front Walls
- **2C:** 2 - 35" x 73" - Front Wall Panels

**Door Headers**
- **2D:** 2 - 2" x 3 ½" x 26 ¼" - Door Headers - Short
- **2E:** 1 - 2" x 3 ½" x 84" - Door Header - Long (88" Aluminum Strip Attached)
- **2EE:** 1 - 1 ½" x 3" x 66 ½" - Interior Door Header

**Extender Walls**
- **2F:** 2 - Top Triangular Siding Pc for Angle Wall Extenders
- **2G:** 2 - 45 ¼" - Angle Wall Extenders - Left/Right
- **2H:** 3 - 9" x 45 ½" - Wall Extenders

**Wall Cleats**
- **2I:** 1 - ¾" x 3 ½" x 84" - Horizontal Wall Cleat - Long
- **2J:** 2 - ¾" x 3 ½" x 26 ¼" - Horizontal Wall Cleats - Short

### 3. Rafter and Roof Section

**Rafters**
- **3A:** 9 - 1 ½" x 2 ½" x 54" - Rafters
- **3B:** 2 - 1" x 3 ½" x 48" - Front Soffits - Left/Right
- **3C:** 1 - 1" x 3 ½" x 45 ½" - Front Soffit - Center
- **3D:** 2 - ½" x 3" x 48" - Rear Soffits - Left/Right
- **3E:** 1 - ½" x 3" x 45 ½" - Rear Soffit - Center

**Roofs**
- **3F:** 2 - 3/4" x 2 1/2" x 12" - Rafter/Batten Support Cleats
- **3G&3H:** 4 - 3/4" x 3 ½" (2@45 1/2"-Center) (4@50" -Outside) Roof Battens
- **3I:** 2 - 3/4" x 3 ½" x 72 3/4" Roof Battens - Long
- **3J:** 2 - ¾" x ¾" x 51" - Facia Nailing Strips
- **3K:** 4 - Metal Roof Panels - 39" w x 55 1/2" d

### 4. Trim & Miscellaneous Section

**Bottom Skirting**
- **4A:** 5 - ¾" x 4 ½" x 45 ¼" - Side/Rear Bottom Skirting (Bevel Siding)
- **4B:** 3 - ¾" x 4 ½" x 45 ¼" - Front Bottom Skirting

**Filler Trim**
- **4C:** 4 - ½" x 2 ½" x 38" - Front Corner Filler Trims
- **4D:** 4 - 7/8" x 2 ½" x 42" - Rear Corner Filler Trims

**Door System**
- **4E:** 2 - Aluminum Door Tracks
- **4F:** 2 - 36" x 73" - Sliding Doors
- **4G:** 1 - ¾" x 3 ½" x 71 ½" - Interior Door Flange
- **4H:** 2 - 1 ½" x 2 ½" x 66 ½" - Lower Door Track
- **4I:** 2 - ¾" x 3 ½" x 30 ½" - Lower Door Track Cover - Left/Right
- **4J:** 1 - ¾" x 3 ½" x 72" - Lower Door Track Cover - Center
- **4K:** 2 - ¾" x 1 ½" x 3" - Sliding Door Track Stops - Left/Right
- **4L:** 1 - ¾" x 1 ½" x 4" - Sliding Door Track Stop - Center

**Outer Wall Trim**
- **4M:** 2 - ½" x 5 ½" x 78 ½" - Front Corner Trims
- **4N:** 2 - ½" x 2 ½" x 80" - Side Front Corner Trims
- **4O:** 2 - ½" x 5 ½" x 88 ¾" - Rear Corner Trims
- **4P:** 4 - ½" x 2 ½" x 88 ¾" - Side Rear Corner & Middle Trims
4. Trim & Miscellaneous Section Cont.

Facia

4Q: 2 - ½" x 5 ½" x 54 1/8" - Side Facia (Angle Cut Ends)
4R: 4 - ½" x 5 ½" x 50 ½" - Front and Rear Facia - Left/Right
4S: 2 - ½" x 5 ½" x 45 ½" - Front and Rear Facia - Center
4T: 4 - Facia Detail Plates (5 ½" high)

Rear Metal Drip Caps

4U: 3 - 6" x 60" angled - Rear Metal Drip Caps

Windows

4V: 2 - Window Inserts 1 1/4"w x 23"h
4W: 2 - Window Trim Kits
   1 - Top pc - 24 1/16" Length - Angle Cut Ends
   3 - Side/Bottom pcs - 23" Length

Miscellaneous

4X: 1 - 45 ¼" - Extra Piece of Bevel Wall Siding
   - Use if side/rear wall panel siding is damaged or to shim floor or door.
4Y: 1 - 36" - Extra Piece of Lap Siding
   - Use if front wall panel siding is damaged

Foam Enclosures - Several Strips (Step 40)

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12X4 SpaceSaver Sliding Door Shed HARDWARE PACKAGE

BR1 - Square Drive Bit x 2
N1 - 1 1/2" Finishing Nails x 305
S4 - 3" Screws x 28
S1 - 2 1/2" Screws x 250
1/4"x2" long Metal Roof Screw x 11
S2 - 1 1/4" Screws x 190
SB1 - 3/4" Screws x 20

Y2 - 90° Metal Bracket (Roof) x 4
Y35 - Roller Assembly x 4
Y11 - Black Hasp x 1
Y3 - Black Handle x 2

Tools Required (Not Provided)

Hammer
Pliers
Tape Measure
Silicone Caulking
Screw Gun/Drill

Level
Wood Clamp
Ladder
1/8" Drill Bit

Safety Equipment Required (Not Provided)

Safety Glasses
Work Gloves

Toll Free 1-888-658-1658  www.outdoorlivingtoday.com  sales@outdoorlivingtoday.com
Before starting your project become familiar with this assembly manual and determine if you can complete the project yourself or will require a professional contractor. Please note that certain counties and municipalities require building permits prior to installation. We recommend to all consumers that they check with their local county/municipality for these specifics prior to purchasing any of our products since this is your sole responsibility.

Prior to the product arriving, clear the construction area. Remove all debris; roots, grass, rocks, etc. Make sure the ground slopes away from the site at least 10 feet in all directions. If necessary, build up the soil in the center of the site and slope away for the high point to provide drainage. Fill in any low spots within the perimeter of the site. A slope of 1/8 inch per foot is enough to prevent water accumulation. We recommend excavating the site 4-6 inches deep and laying gravel or crushed rock where drainage may be a concern.

What type of foundation should I use?

**Patio Stone Foundation**: If the ground is stable and has sufficient drainage, you can set patio stones directly on firm compacted soil. If not, consider laying down sand and then gravel or crushed rock. Excavate the site making it about 12” wider and longer than the floor footprint. Excavate down approximately 4-6 inches deep. Lay 1-2 inches of sand first and then fill with 3-4 inches of gravel or rock for good drainage and support. Most of our sheds and playhouses include floors with support runners. Support each runner with 4-5 patio stones (less for smaller sheds). Patio stones can be anything from a mid size brick to a round or square 12” long by 1 1/2” thick stone. Place stones directly under the floor runners, check for level and adjust height as necessary. Having a solid and level foundation is the most critical piece of work you can do to make the project go smoothly. Most of this work can be done prior to your shed arriving!

**4x4 Pressure Treated Beam Foundation**: You can build directly on pressure-treated beams or railroad ties laid on a properly prepared construction site as mentioned above. Run beams perpendicular to floor runners. Use a 2x4 straight piece of lumber on edge and a carpenter's level to position correctly. To prevent the beams from shifting, secure them with ½ inch rebar inserted through holes drilled in the beams and driven 3 to 4 feet into the ground. Leave each side or end of the foundation open to promote drainage and air circulation beneath the floor. Consider using a wire mesh or equivalent to prevent pesky critters from gaining access on ends.

**Concrete - Slab Foundation**: Typically a slab 3-4 inches thick laid over a sub-base of 4 inches of gravel or crushed rock is sufficient but may vary depending on your geographic location. Using either mix your own concrete or having it delivered by truck, ready to pour, depends on how much time and effort you have to dedicate to the project. In any event, make sure you excavate the slab area to a depth 6 inches. This would put the finished slab surface approximately 2 inches above ground (remember you will be using 4 inches of gravel as your subbase). For example, a slab for our 8’x12’ SpaceMaker Shed will require approximately 1 cubic yard of premixed concrete.

For more detailed information on how to pour your concrete-slab foundation or any other questions regarding specifications, foundations and permits, please visit our website at [www.outdoorlivingtoday.com](http://www.outdoorlivingtoday.com) or call our Customer Support Line at 1-888-658-1658 to speak with a Product Representative.

* Please note that all measurements in our Detailed Assembly Manuals may be subject to change without notice. Please confirm exact foundation size with Outdoor Living Today if you have any concerns or questions.
1. **Floor Section**

Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting.

Note: Floor Footprint is 141 1/2” wide x 45 1/2” deep.

1. Lay out **1A - Floor Frame** and two **1B - Floor Joists** as illustrated above. Position the center of each Joist 15” from the outer edge of Floor Frame. When correctly positioned, attach each Joist with **4 - 2 1/2” Screws** (2 per end). **You can find the Square Drive Screw Bit in the Hardware Kit Bag.** Complete remaining Floor Frame the same.

| Parts | 1A - Floor Joist Frames  
(45 1/2” x 70 3/4”) x 2  
1B - Floor Joists  
(1 1/2” x 3 1/2” x 67 3/4”) x 4 |
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>S1 - 2 1/2” Screws x 6 total</td>
</tr>
</tbody>
</table>

2. Lay out both complete floor joist frames as illustrated. The footprint for the floor when attached together will be 141 1/2” wide x 45 1/2” deep. Attach frames together with **6 - 2 1/2” Screws.**

| Hardware | S1 - 2 1/2” Screws  
x 6 total |

You can find BR1 - Square Drive Bit for the screws in with the Hardware Kit Bag.
3. Position **1C - Floor Runners** on completed floor frame so runners are flush but not overhanging. Attach with **4 - 2 1/2” Screws** per runner. There are 7 floor runners in total.

<table>
<thead>
<tr>
<th>Parts (Steps 3 - 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1C - Floor Runners</strong> (1 1/2” x 3 1/2” x 45 1/2”) x 7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hardware (Steps 3 - 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S1 - 2 1/2” Screws</strong> x 28 total</td>
</tr>
</tbody>
</table>

4. Complete remaining floor runners as shown above. With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution** - Be careful when laying floor down not to bend or twist floor. **Note:** Having a level foundation is critical. Choosing a foundation will vary between regions. Typical foundations can be concrete pads or patio stones positioned underneath the floor runners.

5. Position **1D - Plywood Floor** on top of completed floor frames. Plywood will sit slightly inset from outside of floor frame.

<table>
<thead>
<tr>
<th>Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1D - Plywood Floor</strong> (5/8” x 45 3/8” x 70 5/8”) x 2</td>
</tr>
</tbody>
</table>

**Note:** Plywood is cut slightly smaller than floor framing. Keep plywood seams tight.
6. With Plywood positioned correctly on floor framing, attach with **1 1/4” Screws**. Use screws every 16” around perimeter of each floor section and 3 screws through each mid joists.

Advice: Use chalk line to mark location of mid joists for interior screws.

<table>
<thead>
<tr>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2 - 1 1/4” Screws x 40 total (approx.)</td>
</tr>
</tbody>
</table>

2. Wall Section

Exploded view of all parts necessary to complete the Wall Section. Identify all parts prior to starting.

- Horizontal Wall Cleats - 3pcs. (Parts 2I & 2J)
- Wall Extenders - 3pcs. (Part 2H)
- Top Triangular Siding Piece - 2pcs. (Part 2F)
- Angled Wall Extenders - 2pcs. (Part 2G)
- Door Headers - 3pcs. (Parts 2D & 2E)
- Interior Door Header - 1pc. (Part 2EE)
- Front Wall Panels - 2pcs. (Part 2C)
- Front Wall Bottom Plates - 2pcs. (Part 2BB)
- Bottom Wall Plates - 5pcs. (Part 2B)
- Side/Rear Wall Panels - 5pcs. (Part 2A)
7. Carefully lay **2A - Side/Rear Wall Panels** face down. Position and attach **2B - Bottom Wall Plates** to bottom of wall studs of each wall panel with **3 - 2 1/2” Screws**. Position so plates are flush with framing. Complete 4 remaining solid walls.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2A - Side/Rear Wall Panels</strong>&lt;br&gt;(45 1/2” wide x 75” high) x 5</td>
<td><strong>S1 - 2 1/2” Screws</strong>&lt;br&gt;x 15 total</td>
</tr>
<tr>
<td><strong>2B - Bottom Wall Plates</strong>&lt;br&gt;(1 5/8” x 2 1/2” x 45 1/2”) x 5</td>
<td></td>
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</tbody>
</table>

**Important:** Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure if panel is facing up or down? Recently attached Bottom Plate is on bottom of panel.

8. Starting on one side, position a Solid Wall Panel on top of plywood floor. The Wall Panel bottom framing will sit flush with the outside of the floor frame. Wall siding will overhang the floor.

**Do Not Attach Walls To Floor until Step 23.**

- Floor plywood may be slightly recessed
- Siding overhangs floor frame by 3/4”
- Outside 2x3 framing of wall panel should be positioned flush with the outside of floor framing when properly aligned.

9. The rear wall panels will sit even with the floor frame and the sidewall panels will be sandwiched between the front and rear wall panels. The floor plywood may be slightly recessed.

**Note:** Siding will overhang the floor frame by approximately 3/4”.
10. Position rear solid wall into place on plywood floor. Butt both vertical wall studs of side and rear walls together and attach with **3 - 2 1/2” Screws**. Screw at the bottom, middle and top of stud to secure properly. 
**Note:** Drill pilot holes in studs to prevent splitting.

**Hardware (Steps 10 - 12)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>2 1/2” Screws x 12 total</td>
</tr>
</tbody>
</table>

11. With the corner wall attachment complete, position a second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor joists. Wall siding should overhang floor by approximately 3/4”. When positioned correctly, attach both side wall panel studs together as per **Step 10**.

**Optional - Caulking seams**

Caulking will help prevent moisture from entering at seam. **Caulking not included in kit.**
Wall panel will sit flush with floor framing.

12. Complete remaining side wall attachment as per Steps 10 - 11.

13. Carefully lay 2C - Front Wall Panels face down. Position and attach 2BB - Bottom Wall Plates to bottom of wall studs of each wall panel with 3 - 2 1/2” Screws as per Step 7. Complete other remaining Front Wall.

Place Front Walls so wall framing is flush with floor frame and siding overhangs. Attach with 3 - 2 1/2” Screws per panel as per Steps 10 - 12.
14. Position **2D - Door Header - Short** on top of wall stud so it is flush on the inside with 2x3 wall stud. Attach by screwing down into top wall framing with **3 - 3” Screws**.

### Parts (Step 14 - 15)
- **2D - Door Headers - Short** (2” x 3 1/2” x 26 1/4”) x 2
- **2E - Door Header - Long** (2” x 3 1/2” x 84”) x 1

### Hardware (Step 14 - 15)
- **S4 - 3” Screws**
  - x 10 total
- **S2 - 1 1/4” Screws**
  - x 4 total

15. Attach **2D - Door Header - Short** to other side. Position and attach **2E - Door Header - Long** between short door headers. The Long Door Header has an aluminum strip attached to the back for added support. Attach by screwing down into wall framing with **2 - 3” Screws** per side. Fasten aluminum strip to short headers with **2 - 1 1/4” Screws** per side.
16. Position 2F - Top Triangular Siding Piece onto 2G - Angle Wall Extender and align as shown above. Attach with 3 - 1 1/2” Finishing Nails to top frame of extender wall. There are left/right top siding pieces. Use rough surface side out. Place finished wall extender on side wall panel frame. Complete both sides now.

**Note:** Bottom siding of wall extender will overhang and cover siding of side wall.

### Parts
- 2G - Angle Wall Extenders - L/R (2G - 45 1/2” wide) x 2
- 2F - Top Triangular Siding Piece (2F - Left/Right) x 2

### Hardware
- N1 - 1 1/2” Finishing Nails x 6 total

17. Align wall framing of Angled Wall Extender and Side Wall so they are flush at the back. The siding for both walls should also align evenly from front to back.

18. With Angled Wall Extender and Side Wall aligned correctly, secure together from the inside with 4 - 2 1/2” Screws.

### Hardware (Steps 18 - 19)
- S1 - 2 1/2” Screws x 8 total
20. Place 2H - Rear Extender Walls top framing of rear wall with bottom siding overlapping that of the rear wall.

21. With 2x3 wall framing aligned, attach extender walls to rear wall top plate with 4 - 2 1/2” Screws per wall.
22. **Attach 2I & 2J - Horizontal Wall Cleats** to Wall Extender bottom framing and Rear Wall top framing so that cleat is flush with extender framing. There are two short cleats and one long cleat. Alternate alignment of screws, so half screw into Wall Extender Framing and half into Rear Wall Top Framing. Use **3 - 1 1/4” Screws** per short cleat and **6 - 1 1/4” Screws** on the long cleat.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2I - Horizontal Wall Cleat - Long (3/4” x 3 1/2” x 84”)</td>
<td>x 1</td>
<td></td>
</tr>
<tr>
<td>2J - Horizontal Wall Cleats - Short (3/4” x 3 1/2” x 26 1/4”)</td>
<td>x 2</td>
<td></td>
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</tbody>
</table>

**Hardware**
- **S2 - 1 1/4” Screws** x 12 total

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23. **Attach 2EE - Interior Door Header** as shown above. Align with top framing of front walls. Attach with **4 - 2 1/2” Screws**. To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with **2 - 2 1/2” Screws** per wall section. Prior to securing, make sure wall panels are aligned correctly on the floor. Refer to **Step 9**. Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2EE - Interior Door Header (1 1/2” x 3” x 66 1/2”)</td>
<td>x 1</td>
<td></td>
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</tbody>
</table>

**Hardware**
- **S1 - 2 1/2” Screws** x 32 total

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**Advice:** Use Interior Door Header to confirm doorway opening is 66 1/2” wide at top and bottom.

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**Optional** - Caulking seams will help prevent moisture from entering at seam. Caulking not included in kit.
3. Rafter and Roof Section

Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting.

- Metal Roof Panels - 4 pcs (Part 3K)
- Rear Soffits - L/R - 2pcs (Part 3D)
- Front Soffits - L/R - 2pcs (Part 3B)
- Rafters - 9 pcs (Part 3A)
- Support Cleats (Part 3F)
- Foam Enclosures (several strips)
- Rear Soffit - Center - 1pc (Part 3E)
- Front Soffit - Center - 1pcs (Part 3C)
- Roof Battens (Part 3G,H,I) 3/4” x 3 1/2” 2@45 1/2” 4@50” 2@72 3/4”

Advice: Prior to installing rafters, take time to confirm your walls are level, square and plumb.

Measure diagonal at top and bottom of walls corner-to-corner. This should be approximately 142 1/4”. More importantly, if measurements are not within 1/4”, your walls are not square.
24. Locate 3A - Rafters, 3B & 3C - Front Soffits and 3D & 3E - Rear Soffits. Lay out on level ground and assemble as shown above in Illustrations A through C below. Attach Soffit Boards flush to end of outside rafters. Attach Front Soffits with 2 - 2 1/2” Screws per rafter end. Attach Rear Soffits with 2 - 1 1/4” Screws per rafter end. 

Important: Drill pilot holes in Soffit ends to prevent splitting. Attach double rafters as illustrated above with 3 - 2 1/2” Screws per rafter/rafter connection.

Note: We recommend you drill a 1/8” pilot hole for each screw, to avoid splitting wood. The hole depth should be equal to 3/4 the length of screw.

Screw Rear Soffits to Rafters with 2 - 1 1/4” Screws per rafter end.

Screw Front Soffits to Rafters with 2 - 2 1/2” Screws per rafter end.

Screw double rafters together with 3 - 2 1/2” Screws.

Parts

| 3A - Rafters | (1 1/2” x 2 1/2” x 54”) x 9 |
| 3B - Front Soffits - Sides | (1” x 3 1/2” x 48”) x 2 |
| 3C - Front Soffit - Center | (1” x 3 1/2” x 45 1/2”) x 1 |
| 3D - Rear Soffits - Sides | (1/2” x 3” x 48”) x 2 |
| 3E - Rear Soffit - Center | (1/2” x 3” x 45 1/2”) x 1 |

Hardware

| S1 - 2 1/2” Screws | x 24 total |
| S2 - 1 1/4” Screws | x 18 total |
25. Carefully flip completed Rafter Section over so the 3 1/2" wide Soffit is facing the front and place onto walls. **Note:** once again, make sure 3 1/2" wide Soffit is positioned to the front of the shed.

26. Position completed Rafter Section on top of walls. Outside Rafters will sit on Extension Wall framing and be positioned equally from side to side.

27. When Rafter Section is positioned correctly, both Front and Rear Soffits will sit approximately 1/8" away from wall siding. This can vary slightly.
28. With Rafter Section correctly aligned, secure rafters to walls using 2 - 90° Metal Brackets per side. Attach each brackets with 4 - 1 1/4” Screws. Screw into Wall Extension Framing at the rear and Wall Panel top framing at the front. Complete both sides.

**Hardware**
- Y2 - 90° Metal Bracket x 4 total
- S2 - 1 1/4” Screws x 16 total

29. With outside rafters properly secured, attach remaining interior rafters using 1 - 2 1/2” Screw per rafter end. Screw into rafters from inside of Header on an angle at front of shed, and from inside of Extender Wall Framing at rear of shed.

**Hardware**
- S1 - 2 1/2” Screws x 14 total

30. Locate and position Rafter/Batten Support Cleats (3/4” thick x 2 1/2” wide x 12” long) on center rafter. Use 2 - 1 1/4” screws to secure each cleat. Align flush with top of rafter and in the middle front to back. Support cleat will provide a larger screwing area for center roof battens later on.

**Parts**
- 3F - Rafter/Batten Cleats (3/4” x 2 1/2” x 12”) x 2

**Hardware**
- S2 - 1 1/4” Screws x 2 total
31. Locate first first row of Roof Battens (3/4” thick x 3 1/2” wide x 50” long x 2 - Outside & 1 @ 45 1/2” - Center). Position on front of roof rafters. Place 1/8” back from end of rafter. Batten will sit on evenly on center rafters overhanging 2” on the outside rafters. Attach batten with 1 - 1 1/4” screw per each rafter. Pre-drill with 1/8” drill bit first to prevent end from splitting.

32. Position and attach Center Roof Batten (45 1/2” long) and Outside 50” long batten as per Step 30.

33. Position and attach 2nd row of battens 25 1/2” from bottom row of battens following Step 31-32. Second row center battens are 72 3/4” long. Batten will sit evenly on center single rafter with support cleats.
34. Position and attach 3rd row of battens (3G) following Steps 31-32.  
Steps 37-39. Space battens 25 1/2” away from middle rafter as shown above.

35. Center Rafter/Facia Nailing Plates (2) (3/4” x 3/4” x 51”) underneath outside of each batten. Attach with 3 - 1 1/4” screws evenly spaced into the batten. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia.
36. Locate all **Metal Roof Panels** (4 pcs x 39” wide x 55 1/2” long - Identical). Place the first outside panel on rafters. Do not attach roof panel onto rafters until all panels are positioned and spaced. In the meantime, have your helper hold the panel in place so it doesn’t slide off. Overhang the roof past the battens on the side and front by approximately 1”.

**Parts**

3K - **Metal Roof Panels**  
(39” W x 55 1/2” D) x 4

37. Lift and position 2nd metal roof panel on roof battens. 2nd roof panel will overlap 1st roof. Roughly position panels now. Slight adjustments will be required in later steps.
38. Position 3rd and 4th metal roofs on battens aligning as per Steps 36-37.

39. Position remaining metal roofs on battens aligning as per Steps 36-38. Overlap roof panels to achieve the desired overall width. Overall width past the end of battens can vary from 1" - 3". Once Metal Roof is spaced correctly from side-to-side and top-to-bottom, lift panels up and run a bead of caulking down the overlapping seams of each panel to seal the joints.
40. Before attaching roof panels down, insert **Foam Enclosures** between roof panels and battens at the bottom of the metal roof panels. Enclosures will prevent moisture and unwanted bugs, etc from entering into your shed from here.

41. Using 2” Metal Screw and 1/4” Nut Driver (included), secure panels down to each batten. Metal screw is self tapping. Do not over tighten! Use 10 metal screws for now. Only attach into lower two battens rows. 5 - 7/8” long screws will be required to further secure roof panels and to complete **Metal Drip Caps** in later steps.

**Note:** If Top Siding Pc. for Angle Wall was not installed in Step 22 it can be done now. Attach with 3 - 1 1/2” Finishing Nails per piece.
42. Attach **4A - Bottom Skirting** around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with **4 - 1 1/2” Finishing Nails** per piece.
43. Gaps on outside will be covered by Corner Trim later. Complete side and rear skirting attachments.

44. Attach **4B - Front Bottom Skirting** with **4 - 1 1/2” Finishing Nails** per piece as per Steps 42 - 43.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>4B - Front Bottom Skirting (1/2” x 4 1/2” x 45 1/4”) x 3</td>
<td>N1 - 1 1/2” Finishing Nails x 12 total</td>
</tr>
</tbody>
</table>

Gap will be covered.

45. Position and attach **4C - Front Corner Filler Trim** with **4 - 1 1/2” Finishing Nails** per piece. Filler trims won’t be visible because they serve as nailing strips for the Corner Trims which will be attached later.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C - Front Corner Filler Trim (1/2” x 2 1/2” x 38”) x 4</td>
<td>N1 - 1 1/2” Finishing Nails x 16 total</td>
</tr>
</tbody>
</table>
46. Position and attach **4D - Rear Corner Filler Trim** with 5 - 1 1/2” Finishing Nails per piece as per Step 45.

**Parts**

- **4D - Rear Corner Filler Trim**
  - (7/8” x 2 1/2” x 42”) x 4

**Hardware**

- **N1 - 1 1/2” Finishing Nails**
  - x 20 total

A wood clamp may be helpful to hold the track in place while attaching to Soffit.

47. Position **4E - Aluminum Door Tracks** on bottom of Front Soffits, spaced approximately 3/8" from Door Header. **4Y - Extra Piece Lap Siding** can be used as a spacer for track. Tracks should meet at the center of the door opening below middle rafter. Attach with **8 - 1 1/4” Screws** per track.

**Parts**

- **4E - Aluminum Door Track**
  - x 2

**Hardware**

- **S2 - 1 1/4” Screws**
  - x 16 total

Note: Aluminum track has pre-drilled holes for screws which do not line up with rafter ends.
48. Locate all four Y35 - Roller Assemblies. Before attaching to top of doors, assemble the units as shown above. Attach two Roller Assemblies to each door with 4 - 1 1/4" Screws per Assembly, center on the door framing 4" from each end as shown above.

Next, take Left Side Door and slide Rollers into the Aluminum Door Track. Repeat with Right Side Door and slide until doors meet in the middle.

Twist Roller Cart onto bolt. After doors are hung, you may need to adjust this until doors hang straight up and down at equal height.

**Parts**

<table>
<thead>
<tr>
<th>Parts</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4F - Sliding Doors</td>
<td>(36&quot; x 73&quot;) x 2</td>
</tr>
<tr>
<td>Y35 - Roller Assembly</td>
<td>x 4 total</td>
</tr>
</tbody>
</table>

**Hardware**

- S2 - 1 1/4" Screws x 16 total

**Note:** If there is a gap between your doors at the top or bottom, remove the door and twist the Roller Assemblies to adjust the height until they hang parallel.
49. With Doors suspended from the upper track, locate and position 4H - Lower Door Track sections 1/4" below the bottom door cleat and centered on the Front Bottom Skirting. Attach with 6 - 3" Screws per Lower Track section.

Parts
4H - Lower Door Track
(1 1/2" x 2 1/2" x 66 1/2") x 2

Hardware
S4 - 3" Screws x 12 total

50. Position 4I & 4J - Lower Door Track Covers so they are centered vertically onto the lower door track sections. Attach with 3 - 2 1/2” Screws per short piece, and 6 - 2 1/2” Screws in the center piece.

Parts
4I - Lower Door Track Cover - L/R
(3/4" x 3 1/2" x 30 1/2") x 2
4J - Lower Door Track Cover - Center
(3/4" x 3 1/2" x 72") x 1

Hardware
S1 - 2 1/2” Screws x 12 total
51. Locate and install 4K & 4L - Sliding Door Track Stops.

Fasten one 4K - Left/Right Stop to each end of the track with 1 - 2 1/2” Screw through the pre-drilled hole. Attach the 4L - Center Stop in the center of the track between the two doors with 2 - 2 1/2” Screws.

**Parts**

| 4K - Sliding Door Track Stops - L/R  
(3/4” x 1 1/2” x 3”) | x 2 |
|-----------------------|-----|
| 4L - Sliding Door Track Stop - Center  
(3/4” x 1 1/2” x 4”) | x 1 |

**Hardware**

| S1 - 2 1/2” Screws | x 4 total |

Flush with end of track.
52. Position **4G - Interior Door Flange** on the rear of the left side door (when viewed from the front of the shed). Ensure flange is flush with the inside of the door frame and attach with **5 - 1 1/4” Screws**.

### Parts
- **4G - Interior Door Flange** (3/4” x 3 1/2” x 71 1/2”) x 1

### Hardware
- **S2 - 1 1/4” Screws** x 5 total
53. Place **4M & 4N - Front Corner Trims** in front corner and align as illustrated above. Do a dry run prior to attaching to achieve best fit. Start with 5 1/2” wide Front Corner Trim and align tight underneath soffit to determine vertical height. Attach with **8 - 1 1/2” Finishing Nails** per piece. Position and attach Side Front Corner Trim (2 1/2” wide) using **8 - 1 1/2” Finishing Nails**, aligning at bottom with wide trim.

### Parts

- **4M - Front Corner Trims** (1/2” x 5 1/2” x 78 1/2”) x 2
- **4N - Side Front Corner Trims** (1/2” x 2 1/2” x 80”) x 2

### Hardware

- **N1 - 1 1/2” Finishing Nails** x 32 total

54. To complete trimming out rear corners, locate **4O & 4P - Rear Corner Trims**. Align and attach as per **Step 53**.

### Parts

- **4O - Rear Corner Trims** (1/2” x 5 1/2” x 88 3/4”) x 2
- **4P - Side Rear Corner Trims** (1/2” x 2 1/2” x 88 3/4”) x 2

### Hardware

- **N1 - 1 1/2” Finishing Nails** x 32 total
55. Attach **4P - Rear Middle Trims** where wall panels come together at rear seam. Attach with **8 - 1 1/2” Finishing Nails** aligning tight underneath soffit and center on seam.

### Parts

**4P - Rear Middle Trim**

(1/2” x 2 1/2” x 88 3/4”) x 2

### Hardware

**N1 - 1 1/2” Finishing Nails**

x 16 total

56. Locate one **4Q - Side Facia** and one **4R - Front Facia** and align in front corner. Position facias underneath roof panel, doing a dry run first before securing. Front Facia goes against rafter ends and Side Facia goes against Facia Nailing Strip. Align so the Front Facia caps the Side Facia. Attach Front Facia with **2 - 1 1/2” Finishing Nails** per rafter end. Attach Side Facia to the Facia Nailing Strip with **5 - 1 1/2” Finishing Nails**.

### Parts (Steps 56 - 59)

**4Q - Side Facia** - Angle Cut Ends

(1/2” x 5 1/2” x 54 1/8”) x 2

**4R - Front & Rear Facia - L/R**

(1/2” x 5 1/2” x 50 1/2”) x 4

**4S - Front & Rear Facia - Center**

(1/2” x 5 1/2” x 45 1/2”) x 2

### Hardware (Steps 56 - 59)

**N1 - 1 1/2” Finishing Nails** x 46 total
57. Attach other Front and Side Facia to opposite corner as per Step 56.

58. Attach 4S - Front Facia - Center to rafter ends as shown above. Small gaps may occur between the Center and Left/Right Facia, but these will be covered by Facia Detail Plates in Step 60. Attach with 2 - 1 1/2” Finishing Nails per rafter end.

59. Attach 4R & 4S - Rear Facia onto rafter ends as per Steps 56 - 58. Small gaps may occur between the Center and Left/Right Facia, these will be covered by Facia Detail Plates in Step 60. Rear Facia will cap the side Facia. Attach Rear Facia to rafter ends with 2 - 1 1/2” Finishing Nails per rafter end.
60. Attach 4T - Facia Detail Plates to cover seams where Front Facia pieces meet. Secure with 4 - 1 1/2” Finishing Nails per piece.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>4T - Facia Detail Plates (5 1/2” high) x 2</td>
<td>N1 - 1 1/2” Finishing Nails x 8 total</td>
</tr>
</tbody>
</table>

61. Place Rear Metal Drip Caps (3 pieces - 60” long) on top of metal roof at rear. Evenly space from side-to-side allowing caps to overlap each other. Overhang the cap approximately 1” past each end. When ridge cap is correctly positioned, secure with 5 - 7/8” long self tapping metal screws as per Step 41. Screw into top batten. Do not overtighten.

<table>
<thead>
<tr>
<th>Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>4U - Rear Metal Drip Caps (6” x 60” -angled) x 3</td>
<td>5/16” Nut Driver and 7/8” long Metal Drip Cap Screw. x 5 total</td>
</tr>
</tbody>
</table>
62. Locate **4V - Window Inserts**. Before installing, dab caulk in siding channel on both sides of window opening. This will prevent water from getting in behind window. Position window in cavity and secure with **8 - 1 1/4” Screws**. Caulk gap between siding and window at top. This requires a large amount of caulking but is important to fill. Later, Window Trims will be installed to hide caulking. Complete second Window Insert the same.

<table>
<thead>
<tr>
<th>Parts</th>
<th>4V - Window Inserts (18 1/4” x 23”) x 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>S2 - 1 1/4” Screws x 16 total</td>
</tr>
</tbody>
</table>

63. Position **4W - Window Trim** around window doing a dry run first and attach with **4 - 1 1/2” Finishing Nails** per piece. Window trim has a small dado on reverse face. Outside flange of window will roughly sit in the dado to give a better fit. Complete both windows the same.

<table>
<thead>
<tr>
<th>Parts</th>
<th>4W - Window Trim Kit x 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>N1 - 1 1/2” Finishing Nails x 32 total</td>
</tr>
</tbody>
</table>

64. Attach **Y3 - Door Handles** and **Y11 - Black Hasp**. Handles and Hasp are positioned on wide door trim and mounted with **3/4” Black Screws**.

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Y3 - Door Handles x 2 total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Y11 - Black Hasp x 1 total</td>
</tr>
<tr>
<td></td>
<td>SB1 - 3/4” Screws x 16 total</td>
</tr>
</tbody>
</table>

Pre-drill 1/4” deep with 1/8” drill bit for all door hardware.
Congratulations on assembling your 12x4 SpaceSaver Shed with Sliding Doors!
(Metal Roof Model)

Note: Our Sheds are shipped as unfinished products. If exposed to the elements, the western red cedar lumber will weather to a silvery-gray color. If you prefer to keep the cedar lumber looking closer to the original color, we suggest that you treat the wood with a good oil base wood stain. You may also wish to paint your new shed rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area for their recommendations.

We hope your experience assembling your 12x4 Slider Lean-To Storage Shed has been both positive and rewarding.

We value your feedback and would like to hear back from you on how well we are doing in the following areas:

1. Customer Service
2. On Time Shipping
3. Motor Freight Delivery
4. Quality of Materials
5. Assembly Manual
6. Overall Satisfaction.

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