# **How To Build A Shed Ramp**

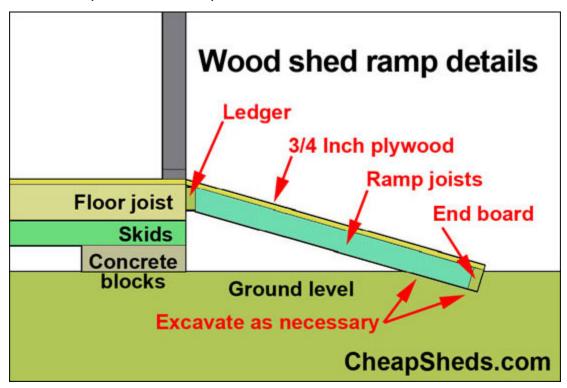


A ramp makes it easy to get big things into and out of your shed, as well as wheeled items like a lawnmower or a hand cart.

Or even a motorcycle?

Plus it's safer because you are less likely to trip over the edge of the floor.

Ramps can be temporary or permanent. But a permanent ramp is more useful because it's always there when you need it.



This information is about building a permanent ramp 4ft long and the width of your door opening. If you need something longer you can change the dimensions accordingly.

#### Pressure treated wood

All wood should be pressure treated because it will be in contact with the ground.

How To Build A Shed Ramp, by <a href="CheapSheds.com">CheapSheds.com</a>

Pressure treated wood is chemically treated to be resistant to rotting and termites.

#### Materials list

A 4ft square ramp is very materials efficient. You will need

- 1) 4x4 sheet pressure treated 3/4 inch plywood
- 3) 2x4x8 pressure treated

If you want a larger ramp you will need...

- · A ledger and an end board the width of the door
- Enough ramp joists @ 16 inch O.C.
- A sheet of plywood large enough to cover the ramp

You will also need a handful of 3 or 3 1/2 inch deck screws and some 2 inch deck screws. You want to use deck screws because they are coated to resist the elements.

# Trim door, 2 options



You will need to trim the bottom of the door so it will close when the ramp is in place. You have 2 choices here. You can cut it...

- Flush with the floor
- 1/2 inch long which will give you a small reveal

A small reveal will let your door seal against the elements but will also make a small bump at the top of the ramp.

# Ledger

Measure and cut a 2x4 ledger the width of the door. You don't need to make the ramp the full width of the door but that's usually best. Cut the end board the same length.

Temporarily attach this ledger with 2 screws about  $1\ 1/4$  inches below floor level, or the final level of the ramp in case you want a reveal.

## First joist

Cut a single ramp joist about 45 inches long. This is longer than necessary as the final length will depend on the height of the ramp and will be determined by trial and error.

Hold the joist approximately in place and mark where it touches the ground. Dig out till the top edge is about flush with ground level.

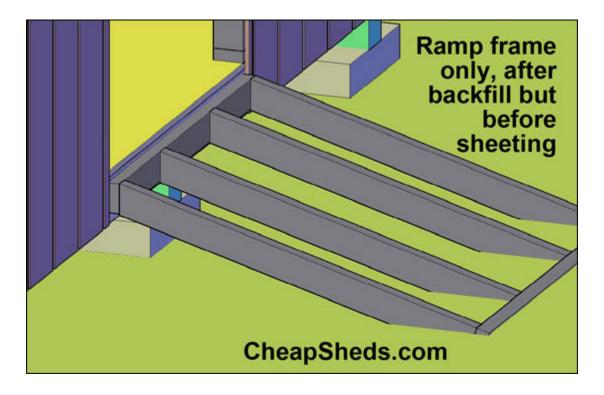
# Joist angle

Hold the top end of the joist up to the outside edge of the ledger and mark the angle on the side of the joist. Cut this angle.

# Joist length

Lay the plywood in place, top edge on the ledger and bottom edge on the ground. Hold the joist in place up to the bottom of the plywood and measure back  $1\ 1/2$  inches from the bottom edge of the plywood to allow for the end 2x4 and mark the joist length.

This is the final length. Cut the other (3) joists to match this angle and length.



#### Assemble frame

Remove the ledger and mark it so the 4 joists are spaced about evenly. Transfer

How To Build A Shed Ramp, by <a href="CheapSheds.com">CheapSheds.com</a>

these layout marks to the end board and also to the top and bottom edges of the plywood.

Assemble this frame with 2 long deck screws at the end of each joist.

#### Install frame

Excavate the lower end of the ramp so it rests about ground level.

Temporarily attach this frame with 2 screws and lay the plywood in place to check for proper height. Remove the plywood and permanently attach the ledger with a long screw on each side of the joists into the shed floor joist.

Back fill the lower end of the frame.

## Install sheeting

Lay the sheeting in place and attach with deck screws every 6 to 8 inches.

#### Paint?



This ramp will be exposed to the weather for many years to come so you might want to paint it to extend it's life and keep it looking fresh.

#### **Alternatives**



There are many ways to build a shed ramp.

One alternative is to skip the ledger and end board and attach the ramp joists directly to the floor joist with metal hangers. This will save you a little time and excavation effort.

The down side is that the top and bottom edge of the sheeting will not be fully supported. But it will still work just fine.

# Plans from CheapSheds.com

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- Tall barn style shed plans with loft in 31 sizes
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All plans and e-books are in PDF format

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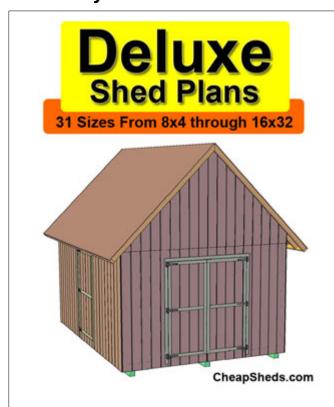
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- Cost: \$11.95
- 45 Sizes from 4x4 to 12x20
- 150 + Pages of detailed instructions, figures and tables
- Roof line: Single slope lean to
- Wall height: 5ft 10 ft
- Includes instructions for a porch
- Construction: Single top and bottom plates double corner studs
- Spacing: floor 16" O.C., walls 16" O.C.

Available on my website here...

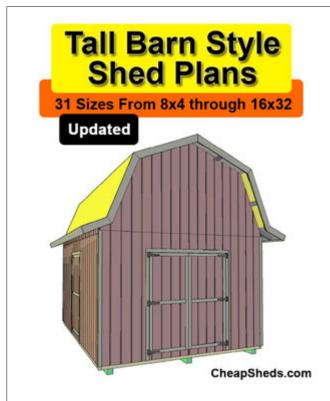
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- 2 roof pitch options, 6/12 & 12/12
- Wall height: 8ft tall
- Includes instructions for a loft
- Construction: Double top plates and corner studs
- Spacing: floor 12" O.C., walls 16" O.C.

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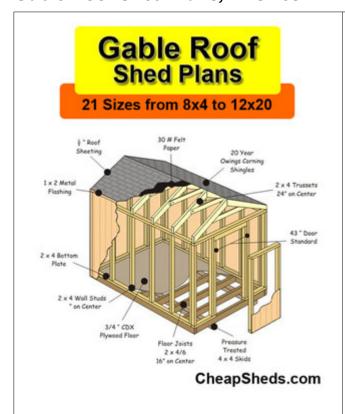
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## Gable Roof Shed Plans, 21 sizes



Cost: \$7.95

21 Sizes from 8x4 to 12x20

 80 + Pages of detailed instructions, figures and tables

Roof line: Gable

 Roof pitch: 3/12 with options of 4/12 and 5/12

• Overhang: 3 1/2 inch or 5 1/2 inch option

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Cost: \$5.94

 Compact with a foot print under 4 ft square and under 7ft tall

 Portable enough to transport in the back of a pickup truck and move across the yard with a hand truck

 Can be made modular so you can take it apart and move it in 6 big pieces if necessary

Holds 2 bicycles upright

 Great for keeping garden tools out of sight

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## How To Build A 1-2-3 Car Garage, Garage Plans

How To Build A 1-2-3 Car Garage

# **Garage Plans**

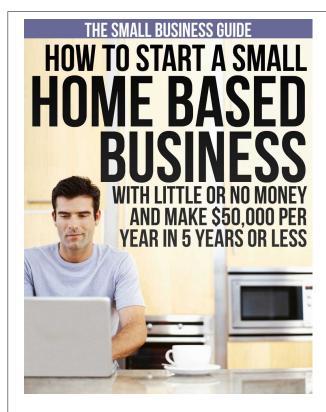


CheapSheds.com

- Cost: From \$3.97
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- .dwf plans
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