

BVM On30 #255 "Silver City Sidewinder" -- Shay Conversion Parts Listing



Pack #1 -- Large Parts

- (1) Part 1a Deck
- (1) Part 1b Boiler
- (1) Part 1c Smokebox
- (2) Part 1d Front pilot beam
- (2) Part 1e Rear pilot beam
- (1) Part 1f Inner cylinder shroud
- (1) Part 1g Outer cylinder shroud
- (1) Part 1h Fuel bunk

Pack #2-- Boiler Fittings

- (1) Part 2a Boiler mounting ring
- (1) Part 2b Smokebox friction ring
- (1) Part 2c Smokebox front
- (1) Part 2d Steam dome base
- (1) Part 2e Steam dome cap
- (1) Part 2f Sand dome base
- (1) Part 2g Sand dome top
- (1) Part 2h Smokestack saddle
- (1) Part 2i Flared cap
- (1) Part 2j Shay stack base
- (1) Part 2k Shay stack cap
- (1) Part 2l Backhead
- (1) Part 2m Water hatch



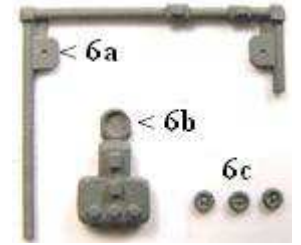
Pack #3 -- Cab

- (1) Part 3a Cab front
- (1) Part 3b Cab back
- (1) Part 3c Cab right
- (1) Part 3d Cab left
- (1) Part 3e Door right
- (1) Part 3f Door left
- (2) Part 3g Window (plus extra)
- (1) Part 3h Roof



Pack #4 -- Tender Shell

- (1) Part 4 Tender Shell



Packs #5-7 may be inside Pack #4

Pack #5 -- Pipes & Screws

These parts are not illustrated; use description to identify.

- (1) Part 5a Steam pipe (bent plastic)
- (1) Part 5b Smokestack tube (1/4" x 1")
- (1) Part 5c Styrene rod, .030" x 1" for backhead
- (4) Part 5d #0 x 1/8" screw for tender shell
- (2) Part 5e #0 x 3/16" screw; boiler, coupler
- (1) Part 5f #2 x 1/4" screw; deck mount



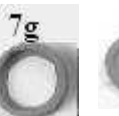
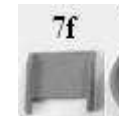
Pack #6 -- Backhead & Stanchions

- (1) Part 6a Backhead pipe
- (1) Part 6b Backhead lubricator
- (6) Part 6c Backhead knobs (plus extra)
- (16) Part 6d Stanchion (plus extra)



Pack #7 -- Detail Parts

- (1) Part 7a Bell bracket
- (1) Part 7b Bell
- (4) Part 7c Check valves
- (2) Part 7d Pop valves
- (1) Part 7e Pipe flange (plus extra)
- (2) Part 7f Headlight bracket
- (2) Part 7g Headlight bezel
- (1) Part 7h Number board
- (1) Part 7i Number board pin



Pack #8 -- Mixed Parts

- (1) Part 8a Roof insert
- (1) Part 8b Roof hatch
- (1) Part 8c Tender front
- (1) Part 8d Tender top (beveled edges)
- (7) Part 8e Fuel boards
- (1) Part 8f Cylinder exhaust pipes
- (1) Part 8g Smokebox port
- (2) Part 8h Headlight



More parts and WASHING tips on opposite side!

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Pack #9 -- Small Parts

- (2) Part 9a Boiler brace (plus extra)
- (2) Part 9b Side step
- (4) Part 9c End step
- (2) Part 9d Coupler faceplate
- (1) Part 9e Coupler box, rear
- (4) Part 9f Poling Pockets



Pack #10 -- Tender Details

- (1) Part 10a Plain top for fuel bunk
- (1) Part 10b Wood load
- (1) Part 10c Coal load
- (1) Part 10d Sander
- (2) Part 10e Sander straps



Pack #11 -- Other Materials

(2) Part 11a Small zip bags -- use these to hold screws, etc. while working!

- (1) Part 11b Window stock
- (1) Part 11c Roof stock (7'9" x 8'6" scale)
- (1) Part 11d Brass mesh for smokestack (9/16" dia.)
- (2) Part 11e Z-pipes for check valves
- (2) Part 11g Headlight lens (plus extra)
- (2) Part 11h Ultra fine wire for bell & whistle, 4" lengths
- (3) Part 11i Fine wire for throttle, grabs, sand pipes; 4" lengths
- (1) Part 11j Heavy wire for lubricator mount, 1" length
- (1) Part 11k Flat brass strip to brace steps, 3" length

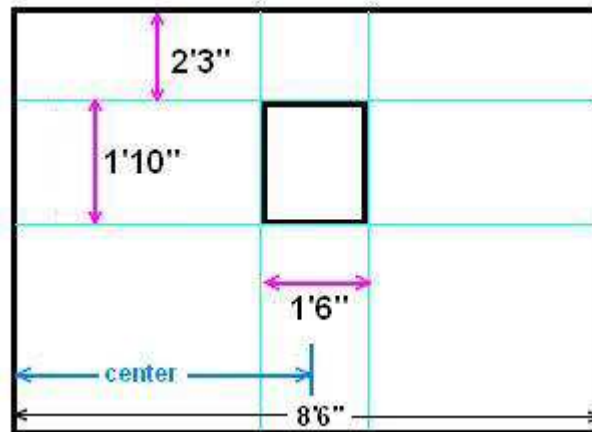


Roof Diagram

for cutting roof hatch opening in roof stock.

Tip: If you're not sure of measurements, make a "practice" cut on paper. Outside dimension is 7'9" x 8'6" scale.

Note: Diagram is NOT to scale -- use measurements.



Preparations & General Notes

- ★ **Wash the Parts!** Before you begin, soak all of the resin parts in warm water with a powdered soap such as Comet or Bon Ami. Rinse, scrub lightly with a soft toothbrush and allow them to air dry on a paper towel. Note that there are many small parts. Use a strainer and work with bowls on the kitchen counter -- **NOT** over the sink! (You'll lose parts down the drain.)
- ★ **Isopropyl (Rubbing) Alcohol:** This may be used to wash smallest parts; dip the parts briefly in rubbing alcohol; hold backing with tweezers; rinse and allow to dry.
- ★ **Read instructions:** Familiarize yourself with the parts. Test fit & dress parts as needed prior to gluing.
- ★ **Choosing Adhesives:** If this is your first resin kit, we strongly recommend using 5-minute epoxy. Mix small batches (a few drops for each joint) following the manufacturer's instructions. Otherwise, use a slow-setting ACC (super glue) with fine tip applicators. In all cases, familiarize your self with the parts and check their alignment before applying the adhesive! It may be necessary to trim or file parts for a proper fit.
- ★ **"Secret" Tip on Adhesives:** If you use 5-minute epoxy or ACC on unpainted parts, you will have a more-or-less "permanent" bond -- very difficult to un-do. On the other hand, if you use these adhesives to join pre-painted parts, you'll usually find that the joint can be "broken" if you need to fix the alignment. It may be necessary to touch up the paint after doing this, but it can save some aggravation!
- ★ **Stars and Check-off Boxes:** We've used "stars" to bullet important pieces of information, suggestions and general notes. We've used "boxes" for the actual assembly steps so you can keep track of progress -- since you may be working on various components or subassemblies while others are in the paint shop!
- ★ **Painting Tip:** Use a solvent-based primer on the resin assemblies to provide a good base for brushed, air-brushed or spray-painted finish coats. For example: Testor's Flat Gray Primer or Flat White spray-paint or Floquil primer with an airbrush.
- ★ **Plan Ahead:** Instructions provide numerous suggestions for assembly. Some of these may be varied depending on your preferences for painting, etc. Read first, then build!
- ★ **Note:** Thin parts, such as cab sides, may have a slight curl. To straighten, hold part under hot tap water for a few seconds, then press flat side down against counter top. Run under cold tap water to set change.

Feel free to email any questions! On30resinkits@aol.com

Metric equivalents:	1" actual measure = 2.54 cm or 25.4 mm
	1" (inch) scale measure = 0.53 mm * 1' (foot) scale measure = 6.35 mm