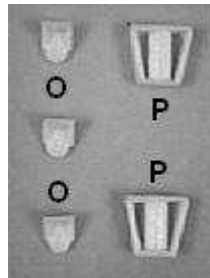
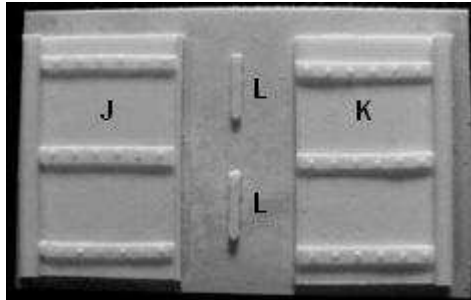
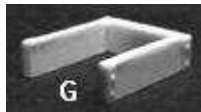
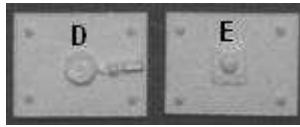
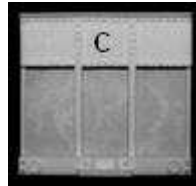


BVM On30 #561-564 Steel Hopper -- 15' Single Bay Parts Listing



Large Parts

- (1) Part A Chassis
- (2) Part B Side
- (2) Part C End

Small Parts

- (1) Part D Side plate, door release
- (1) Part E Side plate, bearing
- (2) Part F Bolster
- (2) Part G Coupler box
- (4) Part H Hopper bay (triangle)
- (2) Part J Hopper door with lip
- (2) Part K Hopper door w/o lip
- (1) Part L Door release lever (plus extra)
- (1) Part M Brake platform
- (2) Part N Brakewheel
- (1) Part O Brake staff bracket (plus extra)
- (1) Part P Brake roller (plus extra)
- (1) Part Q Thin styrene rod (1/4") [6 mm]
- (6) Part R Drop-style grab iron
- (4) Part S Foot stirrups (plastic)
- (1) Part T Fine wire (2" per car) [5 cm]
- (1) Part U Heavy wire (2" per car) [5 cm]
- (2) Part V Slope sheet (styrene, 1-1/2" square) (3.8 cm)
- (*) Part W Styrene angle (6" per car) [15.2 cm]
- (2) Part X Truck-mounting screws

Note: Part N and Parts Q thru X are not illustrated -- please use descriptions to identify.
[Metric equivalents shown for dimensional materials.]

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.)
- ★ **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 wood slats, 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