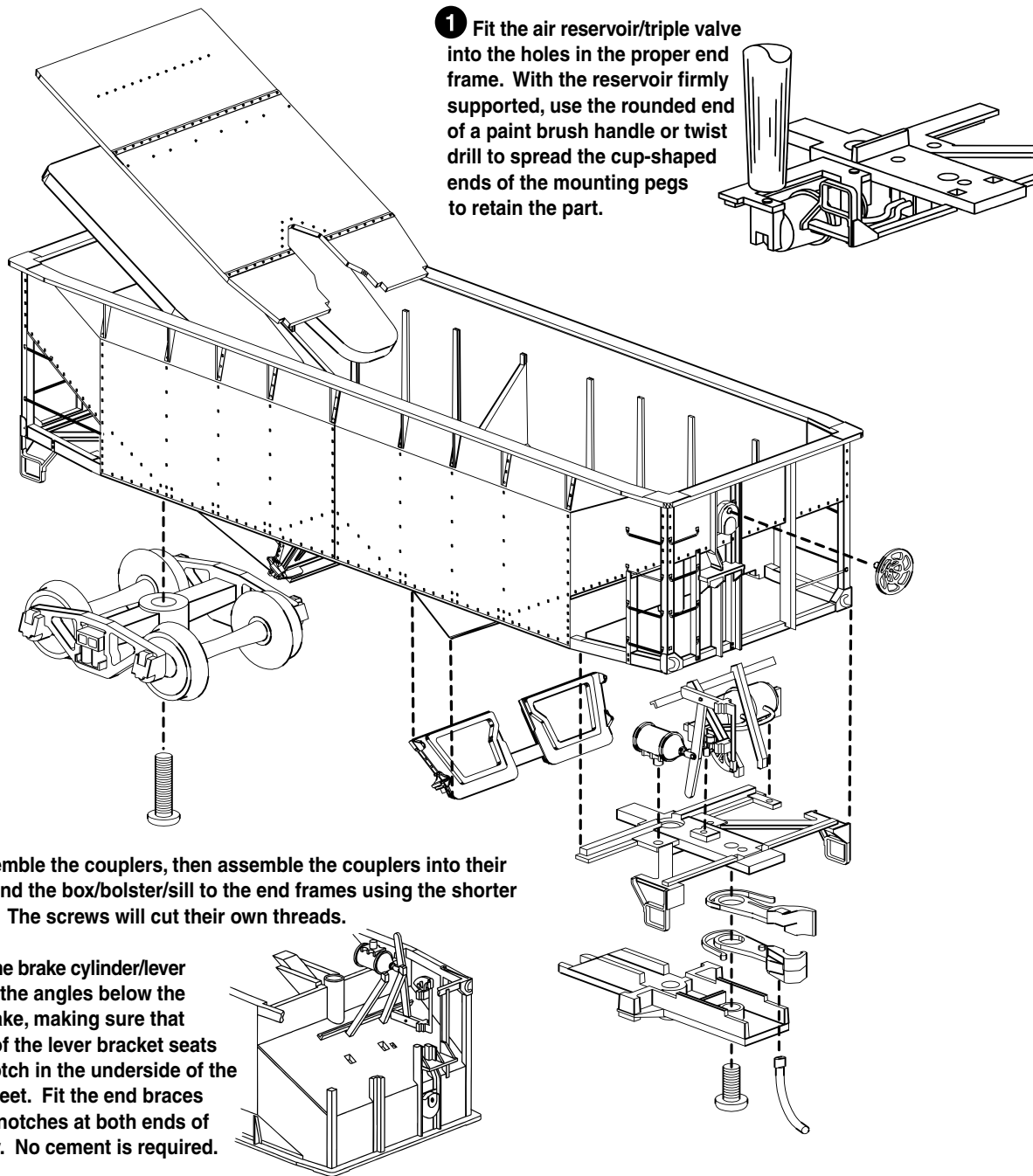


7700 Series

AAR Offset-Side Twin Hopper

Cut parts from sprues with a sharp hobby knife. End frames with stirrups and brake equipment are molded in tough engineering resin. No glue is required for their assembly.



- 1 Fit the air reservoir/triple valve into the holes in the proper end frame. With the reservoir firmly supported, use the rounded end of a paint brush handle or twist drill to spread the cup-shaped ends of the mounting pegs to retain the part.

- 2 Assemble the couplers, then assemble the couplers into their boxes and the box/bolster/sill to the end frames using the shorter screws. The screws will cut their own threads.

- 3 Fit the brake cylinder/lever between the angles below the hand brake, making sure that the top of the lever bracket seats in the notch in the underside of the slope sheet. Fit the end braces into the notches at both ends of the body. No cement is required.

- 4 Add the end frame / bolster assemblies, being sure to capture the brake cylinder and end brace pegs in their mounting holes. **DO NOT CEMENT** so they can be disassembled for coupler maintenance. Add the trucks using the longer screws provided.

- 5 Attach the weights and slope sheets to the inside of the body and cement the doors and brake wheel in place. **DO NOT USE** solvent type contact cements, as the solvents trapped in the joints may make the parts warp over time. We advise using a non-solvent-based contact cement such as Elmer's Sticks-All, CA (cyanoacrylate) adhesive, or 5-minute epoxy. Weights should be cleaned first (rubbing alcohol works well) and/or sanded for better adhesion.

SCALE SIZE COUPLERS Provisions have been made for easily mounting ACCUMATE® PROTO:HO couplers (not included.) Tap the smaller holes provided in the end frames 0-80, and cut the PROTO:HO boxes (without the lids) to fit against the ribs molded on the underside of the end frames. Cut the wide box off flush with the edge of the bolster, and assemble as per the instructions. In this case the bolster/sill moldings can be cemented to the body for greater stability.