

GENERAL NOTES:

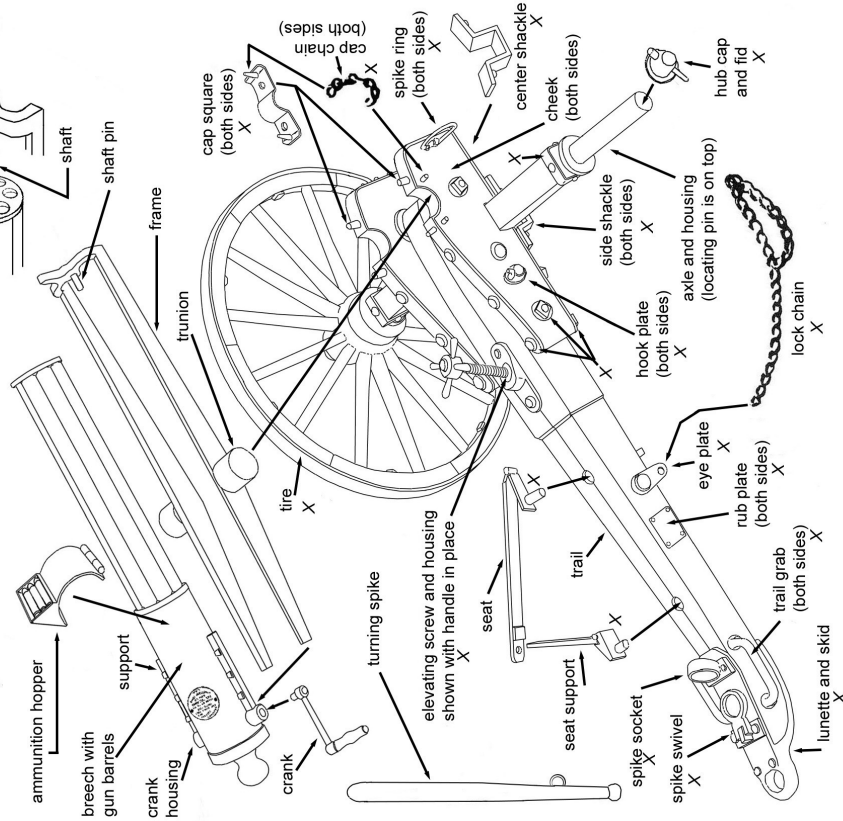
Use 5-minute Epoxy to assemble the trails and axle housing. For the rest use either the Epoxy or cyanoacrylate (Super Glue). Clean mold marks from castings using a #11 or #12 hobby knife, small files and sandpaper. Be careful not to make scratches across the wheel tires. If you intend to leave this area unpainted, polish the tires with steel wool and coat with clear lacquer. In cleaning the castings, be careful not to destroy or damage the wood grain effect. If you inadvertently do so, you can re-establish the effect by drawing the edge of a file or riffler across the casting in the same direction as the existing wood grain. Clear all holes with a sharp instrument or drill. The elevating screw and housing are a single fixed casting. Determine your desired display angle for the gun and trim the screw if necessary before gluing on the elevating handle.

GUN ASSEMBLY:

Remove the six muzzles and the longer center shaft piece from their carrier. Adjust them, if needed, so they fit the seven holes in the end of the breech cover & gun barrels casting. Make sure the hole in the shaft piece easily fits the pin on the frame casting. The shaft piece should protrude from the center hole about 1/4". Determine this precisely by dry fitting it and the frame to the breech-barrels casting. Note that the frame forks go back all the way to the crank housing. Glue the shaft piece to the breech-barrels casting but not to the frame. Remove the frame and glue the six muzzles in place so they protrude from the breech-barrels casting about 7/32". Now glue the frame in place under the supports and where the pin enters the shaft piece. Attach the ammunition hopper, hopper to the left, so that it snugs up to the frame and supports and is tight against the breech cover. The position of the crank is up to you.

CARRIAGE ASSEMBLY:

Drop the left trail into the space on the tow bar and skid casting. Do not try to force the tow bar and skid on from the end. Run a ribbon of cement along the gluing edge and drop the right trail half in place. Install the elevating screw housing in the holes provided, applying glue to the locating pins. Clamp the complete unit together to dry, making sure that the seat hole sides line up and the top seam is flush.



GUNS of HISTORY GATLING BATTERY GUN MODEL 1866 1" CALIBER

Dry fit the cheeks to the trail, using the gun subassembly to check the front-back alignment. Adjust as needed, then apply glue to the shims (discs) on the cheeks and glue to the trail sides. Fill the holes on the bottom fronts of the cheeks. These are not used.

Install the axle housing to the cheeks and trail cut-outs. Align 90° to the trail. To ensure that everything lines up it is a good idea to dry fit the wheels and gun subassembly and make any needed adjustments before gluing the axle housing in place. Install the side shackles over the axle housing, under the cheeks. Glue the center shackle over the axle housing, against the seam under the trail.

Per the illustration, glue in place the spike rings, hook plates (these do not line up side-to-side), eye plate, spike socket, spike swivel, trail grabs, seat support and gunner's seat. The seat should be about level with the wheels installed.

Slide on the wheels (narrower hubs out). Trim the axle ends if needed and glue on the hub caps and fids.

Dry fit the handle on the elevating screw, then replace the gun subassembly on the cheeks. If you like the gun's angle, glue the handle in place. If you want the gun aimed higher, trim the screw to suit before gluing on the handle.

Glue the cap squares over the trunions on the locating pins atop the cheeks.

Take 3.5" of chain, spread the end link and attach it on the 15th link from that end, making a loop. Similarly attach the other end to the eye plate. Drape the looped end over that side's hook plate. Cut the remaining chain into four 1" lengths and attach the ends to the small pins on the cheeks and the cap squares as shown.

Slip the turning spike through the left spike ring and hang its ring on the hook plate on the left cheek.

PAINTING:

It is recommended that you use a metal primer overall before the color coats. The complete carriage, including the seat and support, and the wheels are olive drab. The exact shade would have varied from gun to gun. All metal fittings (designated by an "X" on the illustration) are black. This includes the hub bands and square bolt heads on the wheels and the hardware for the seat and its support. The turning spike should be brown or black.

The wood part of the crank handle is brown. The gun barrels and muzzles are steel, as are the rest of the crank, the six bolt heads on the supports and the frame and trunions. The rest of the gun is bronze. The cartridges are brass with lead bullets.



1" caliber canister



This model incorporates the original Marine Model Company artillery carriage into a new kit designed by Ken Goldman and developed by Model Shipways Inc.



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