

ERRATA

- Page 1, Para. 6, Line 2, should read "drill two 13/32" holes."
- Page 2, Para. 16 Line 1, should be "by 1" hole."
- Page 3, Para. 32, Note, Line 4, should be "place a 7/8" OD by 1/2" ID by 1/8" thick washer."

Instructions

FOR THE INSTALLATION OF THE CAL. .30 MACHINE GUN MOUNT, M48, ON THE 1/4 TON 4X4 TRUCK

1. The Mount, M48, is to be attached to the 1/4 ton, 4x4 truck at the right side of the dashboard, in front of the assistant driver's seat.
2. Remove the vehicle map compartment door. Leave the hinge attached to the door.
3. Remove the gas filter from the engine compartment.
4. Remove the eyebolt from the right side of the vehicle dashboard.
5. Place the angle, B289465, flat against the right side of the dashboard, with the long leg to the left, and with the short leg down and parallel to the edge of the vehicle body. The hole in the bend of the angle must coincide with the existing eyebolt hole in the dashboard.
6. Use the angle as a template (in the position described in paragraph 5), mark and drill two 13/16" round holes in the dashboard to match the holes in the ends of the legs of the angle.
7. Mark a vertical line (on the engine side of the engine compartment bulkhead) through the center of the existing gas filter bolt-hole which is nearest the right side of the vehicle.
8. Mark and drill a 13/32" round hole on the vertical centerline (described in paragraph 7) a distance of 1 13/16" BELOW the center of the gas filter bolt-hole. The gas filter bolt-hole, and this new hole on the same vertical centerline, match the two holes in the flange on the wide end of the tray, C144957.
9. Mark and drill a 13/32" round hole on the same vertical centerline (described in paragraph 7) a distance of 1 7/8" ABOVE the center of the gas filter bolt-hole. This new hole is for the rod, A336243.
10. Screw a 3/8" standard nut as far as possible onto the hook, A336246.
11. Place the angle, B289465, in position on the right side of the dashboard (as described in paragraph 5). Install the pintle-holder, C144956, with the back of the pintle-holder against the dashboard and over the angle. The flange on the bottom of the pintle-holder fits beneath the bottom edge of the dashboard. The angle fills the gap between the pintle-holder and the dashboard.

12. Hold the angle and the pintle-holder in the position described in paragraph 11. Line up the original eyebolt hole in the dashboard with the hole in the bend in the angle, and also with the upper right hole in the back of the pintle-holder.
13. Install the hook, A336246, (as described in paragraph 10) from the outside of the dashboard through the upper right hole in the back of the pintle-holder, and through the hole in the bend of the angle, and through the original eyebolt hole in the dashboard.
14. Reach inside the map compartment, and install a 3/8" locknut on the end of the hook, A336246. Do not tighten the nut.
15. Line up the hole in the lower right corner of the back of the pintle-holder with the hole in the end of the short vertical leg of the angle, and also with the new hole in the dashboard (located beneath the original eyebolt hole).
16. Install a 3/8" round, by 1 1/4" long, bolt through the holes described in paragraph 15, from the outside of the dashboard. Install a 3/8" locknut on this bolt from the inside of the map compartment. Tighten the nut.
17. Tighten the nut on the installed hook, A336246, (described in paragraph 15).
18. Install the tube, A336244, inside of the map compartment, with the cut-out end of the tube against the inside of the dashboard, and with the even-cut end against the engine compartment bulkhead. The cut-out on the end of the tube is to give clearance for a brace which is attached to the back of the dashboard, above the map compartment door opening.
19. Line up the tube to match the top hole in the engine compartment bulkhead (the upper new hole, as described in paragraph 9), and also to match the top hole on the left side of the back of the pintle-holder.
20. Install the rod, A336243, through the top hole on the left side of the pintle-holder, through the hole at the end of the long leg of the angle, through the new hole in the dash, through the tube, and through the upper new hole in the engine bulkhead.
21. Place a 3/8" washer (cut as required to give clearance) on the end of the rod inside the engine compartment. Install a 3/8" round locknut on each end of the rod, but do not tighten the nuts.
22. Place the tray, C144957, in the map compartment, with the loping edge of the tray down, and with the wide end of the tray against the engine compartment bulkhead.
23. Line up the holes in the small end of the tray with the two lower holes on the left side of the back of the pintle-holder, C144956. Line up the top hole in the flange on the wide end of the tray with the original gas filter bolt-hole in the bulkhead (this is the gas filter bolt-hole nearest the right side of the vehicle). Line up the lower hole in the flange on the wide end of the tray with the new hole in the bulkhead, which is located below the gas filter bolt-hole.
24. Install two 3/8" round, by 3/4" long, bolts (with locknuts) to connect the small end of the tray with the back of the pintle-holder. Install one 3/8" round, by 3/4" long, bolt (with a locknut) to connect the lower hole in the flange on the wide end of the tray to the engine compartment bulkhead.

25. Replace the gas filter on the engine side of the engine compartment bulkhead, and reinstall the original bolt in the gas filter bolt-hole which is farthest from the right side of the vehicle.
26. Install a 3/8" round, by 1 1/2" long, bolt (with a locknut) to connect the top hole in the flange on the wide end of the tray with the bulkhead, and to also connect with the right lug of the gas filter.
27. Tighten all four tray bolts.
28. Tighten the bolts on the rod, A336243.
29. Reconnect the gasoline lines to the gas filter.
30. Use the bolt hole at the left end of the flange at the bottom of the pintle-holder as a template, and drill a 13/32" round hole through the bottom plate of the map compartment. This hole will also match the hole in the flange on the sloping edge of the bottom of the tray, C144957.
31. Place the support, B289462, beneath the map compartment (the pad, B289462B, up) with the pipe sloping down toward the right side of the vehicle.
32. Line up the hole in the support pad, B289462B, with the hole in the bottom flange of the pintle-holder, also with the new hole in the bottom of the map compartment, and also with the hole in the bottom flange of the tray.

Note: *Because of variations in the bottom plate of the map compartments of various 1/4 ton trucks, there may be a gap left between the bottom flange of the tray, C144957. If there is such a gap, place a special washer beneath the hole in the bottom flange of the tray, to act as a filler between the tray and the map compartment bottom plate.*

33. Install a 3/8" round, by 1" long, bolt (with a locknut) through the holes described in paragraph 32, but do not tighten the bolt.
34. Place the flattened end of the pipe support, B289462, on the outside of the sloping leg of the vertical body channel. (The channel rises from the floor on the right side of the vehicle, and goes up behind the right side of the dashboard.)
35. Use the hole in the flattened end of the support as a template, and drill a 13/32" round hole through the sloping leg of the channel, to match the hole in the support.
36. Install a 3/8" round, by 3/4" long bolt (with a locknut) through the hole in the flattened end of the support, and through the new hole in the sloping leg of the body channel.
37. Tighten the bolts in both ends of the support, B289462.
38. Check all bolts for tightness.
39. Cut off part of the small narrow end of the map compartment door to fit the changed size of the map compartment door opening. Also cut down the length of the hinge to allow it to fit beneath the map compartment.
40. Install the modified door on the vehicle.
41. Check the connections of the gasoline lines to the gas filter.

42. Install the pintle, D38579, in the pintle-holder, C144956, and tighten the pintle clamp handwheel as desired for snugness.
43. This completes the installation of the Mount M48 on the $\frac{1}{4}$ ton, 4x4 truck.

A. TO INSTALL THE CAL. .30 MACHINE GUN ON THE MOUNT, M48

- a. Lower the vehicle windshield.
- b. With the gun sights up, and with the legs of the pintle, D38579, sloping back toward the rear of the gun, insert the gun between the legs of the pintle.
- c. Line up the holes at the bottom of the front end of the gun receiver with the holes in the top of the pintle legs.
- d. Attach the gun to the pintle with the connecting pin, A188030, (the thick pin), with the pin handle on the right of the gun.
- e. Stow the extra connecting pin, A188028, (the thin pin), in the holes provided at the base of the pintle, with the pin handle on the right. The bushing, A188031, fits the lower hole on the left of the pintle.
- f. It is handy to rest the muzzle of the gun on the vehicle cowl while the gun is being installed.

Note: *The gun should give a snug fit between the legs of the pintle. If it does not (because of the damaged or bent pintle) the legs of the pintle can be sprung open (or closed), as required, by using a vise, and a pry-bar or hammer.*

Note: *If the gun is carried vertically, the windshield may be raised.*

B. TO INSTALL THE BROWNING AUTOMATIC RIFLE

- a. Lower the windshield.
- b. Remove the gas cylinder tube retaining pin from the B.A. rifle.
- c. With the B.A. Rifle sights up, and with the legs of the pintle, D38579, sloping back toward the rear of the gun, insert the gun between the legs of the pintle.
- d. Line up the hole in the receiver of the gun (which was left by the removed tube retaining pin) with the holes in the top of the pintle.
- e. Attach the gun to the pintle with the connecting pin, A188020 (the thin pin), with the pin handle on the right side of the gun. Insert the bushing, A188031, in the top hole in the left side of the pintle.