

**Please refer to the Pershing Instruction Manual
for step numbers.**

Read ALL instructions before you start.

**Wear safety glasses and observe all safety
precautions when working on the model.**

IF YOU ARE RETROFITTING THIS TO A TANK ALREADY BUILT, READ ON. IF THE TANK IS CURRENTLY UNBUILT, GO TO PAGE 3.

1. If you are retrofitting a tank that is already built, remove the gearboxes.
2. You do not need to dismantle any farther than before STEP 16 page 17.
3. Once on STEP 16, proceed as follows.
4. Remove the hexagonal stand-offs and the nuts. These are labeled MH2 and MH4 in the instructions. Remove all 6.
5. You will need to enlarge the 6 holes that are shown in “SKETCH A” to allow a 4mm screw to pass through. This can be done with either a 4mm drill bit or a 11/64 drill bit or equivalent. These holes can also be filed or reamed with a hand reamer. **Wear eye protection.**
6. Insert the new Pershing Spacer into the hull. Its holes should line up with the original screw holes that were enlarged to accept the new 4mm screws. It will only fit one way, either side up.
7. Drop a dab of glue in the large hole of the Pershing Spacer to help keep it in place during assembly. You can use CA or RTV silicone adhesive. Be sure the holes stay aligned.
8. Proceed to reassemble the tank from STEP 17 page 18 onward as normal, except the gearboxes are to be attached using the 4mm x 20mm screws provided in the kit. These screws replace the MB1 screws which were 3mm x 6mm. Use the larger washers under the screw heads.
9. Before tightening all screws down, ensure the gearboxes are aligned straight and even. Do not use excessive force to tighten the screws. Tamiya liquid threadlock is recommended on the threads to prevent loosening, not over-tightening.
10. Once installed, removal of the gearboxes will be greatly simplified and you will save much time. Items that will be required to remove the gearboxes are the out drive final gear cases (STEP 20) (only one will have to be totally removed, the other only needs the outer cover removed to allow access to the gears), rear sprocket and track (STEPS 21, 22), speaker (STEP 26), and the gearboxes themselves (6 screws on bottom). Steps 28, 27, 19, 18, 17, 16 won't be required anymore to remove the gearboxes.

IF YOU ARE BUILDING A NEW PERSHING:

1. If you are installing this kit into a new Pershing, perform step 5 on my list (which is page 2). This is where you enlarge the 6 screw holes in the bottom of the hull. These 6 holes are for the mounting of the gearboxes.
2. Assemble the model as per the Pershing Instruction Manual up until STEP 16.
3. Once you get to STEP 16 in the Pershing Instruction Manual, do not install the hexagonal spacers or the nuts. See step 6 on my list (page 2).
4. Continue to STEP 17 in the Pershing Instruction Manual, except the gearboxes are to be installed in STEP 18. See step 8 on my list (page 2).
5. Continue assembly of rest of tank per Pershing Instruction Manual.

SCREW UPGRADES

The screws in the screw upgrade kit are to provide a stronger, more durable fastener that enables easier replacement than the screws that came in the kit. You will get longer life through repeated use with these fasteners. Case in point are the smaller 2mm screws that secure the final gear case (out drives) halves together. In the kit are replacement socket head cap screws, also called allen heads. These fasteners are easier to install since the fastener is held in place on the tip of the wrench, allowing easy insertion and thus speeding up assembly. With a regular Phillips head screw, and small screwdriver, you must use two hands to really do the job. Most fasteners only need to be snug, not over-tightened. Consider using a low strength thread lock to ensure fasteners do not vibrate loose.

In the screw upgrade kit, match up the labeled bag with the assembly step in the Pershing Instruction Manual.

AS ALWAYS, WEAR PROPER EYE PROTECTION WHEN WORKING ON YOUR MODELS. EXERCISE CAUTION WHEN USING HAND TOOLS AND WHEN REMOVING STUBBORN FASTENERS.

Instructions:

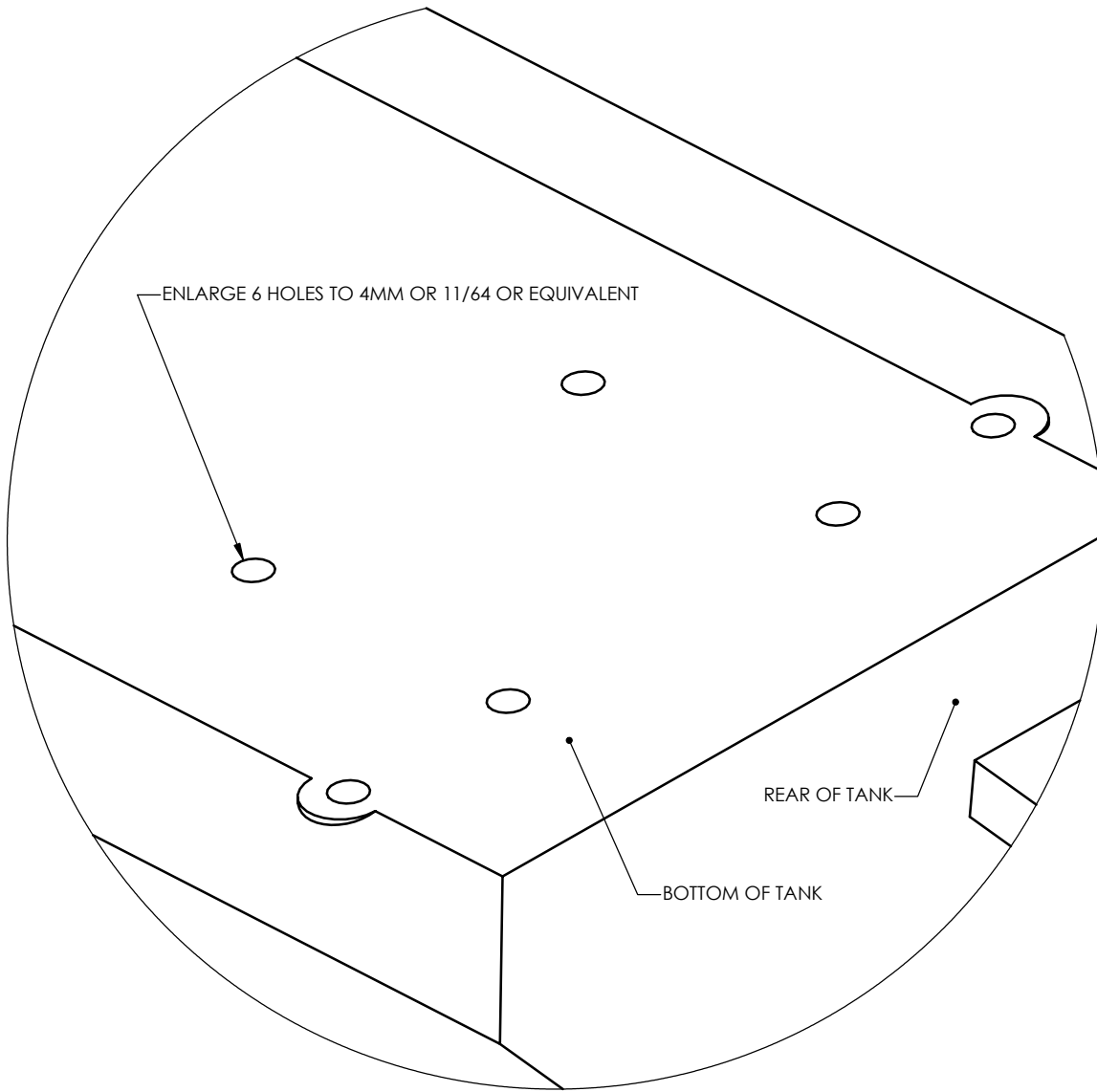
IN STEP 19

Replace the six MC4 screws with the screws in BAG A. There are 6 in all. Replace the six MC6 regular nuts with washers and nylon locking nuts if you desire.

IN STEP 20

Replace four MC4 screws with the screws in BAG B.
Replace eight MA2 screws with the screws in BAG C.

BE SURE TO KEEP THE WRENCHES IN YOUR TOOL BOX.



SKETCH A