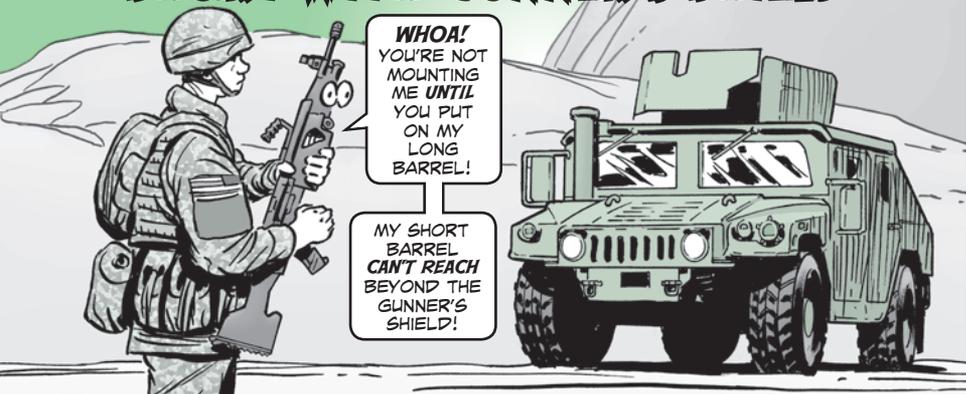


# SHORT BARREL COMES UP SHORT WITH GUNNER'S SHIELD



**WHOA!**  
YOU'RE NOT MOUNTING ME UNTIL YOU PUT ON MY LONG BARREL!

MY SHORT BARREL CAN'T REACH BEYOND THE GUNNER'S SHIELD!



IF YOU'RE FIRING THE M249 MACHINE GUN MOUNTED WITH THE GUNNER'S PROTECTION KIT OR GUNNER'S SHIELD, DON'T USE THE M249'S SHORT BARREL.

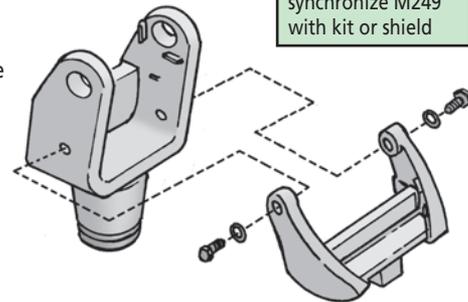
I TOLD YOU I NEEDED THE LONG BARREL!

The short barrel doesn't extend past the protection kit or shield, which means bullets could ricochet off the inside of the shield and hit anyone in the vehicle. Using the M249's long barrel prevents that disaster.

Remember any machine gun used with the gunner's protection kit or shield must be synchronized so that the weapon turns with the kit or shield and the barrel stays in the center of the shield's slot. If the barrel is banging against the shield as the mount is rotated, eventually the barrel will be damaged.

To synchronize the M249 (or M240B) with the shield when the weapon is mounted on the M197 mount, you must install the pintle lock, NSN 5340-01-500-5572, like so:

1. With the pintle mounted and facing forward, remove the screw and lanyard from the right side.
2. Slide the pintle lock over the outside of the pintle, aligning the tapped holes on the sides with the holes in the lever.
3. On the right side, insert one hexagon head screw, NSN 5305-00-685-3511, with a lock washer, NSN 5310-01-433-0941, through the lanyard tab and pintle lock and into the pintle. Tighten the screw to 10 lb-ft.
4. Insert an identical hexagon screw and lock washer through the pintle lock and into the pintle on the left side. Tighten it to 10 lb-ft.
5. Do a function test to make sure the square protrusion on the bottom of the pintle lock seats snugly into the groove of the M197 pintle adapter.



FOR MORE INFORMATION, SEE TACOM LCMC GPA 12-012: <https://tulsa.tacom.army.mil/safety/serviced.cfm>

# Turn in Gages with M2



OK, I'M LEAVING NOW THAT YOU'RE GETTING THIS NEW-FANGLER M2A1...

...BUT I NEED MY HEADSPACE AND TIMING GAGES BEFORE I GO.

I'LL NEED THEM ON MY NEXT JOB!

Dear Editor,

When your unit receives the new M2A1 machine gun, you will need to turn in your old M2s. You will no longer need the M2 headspace and timing gages because the M2A1 isn't headspaced and timed by you. That's done by field maintenance.

But don't turn in the M2 gages through your local calibration team. The gages need to stay with the M2 when you turn it in, because the gages are part of the M2's BII. They will be needed by whatever unit receives the M2.

Gerald Davison  
TACOM LAR  
Ft Riley, KS

*Editor's note: I gage that to be a good tip, Gerald. Thanks for the heads-up.*