

M242 STRAIGHT SHOOTING PM

Lubrication

CLP is fine for most weapons, but it's poison for the M242. It breaks down the grease in gears and sprockets, and in the track and bolt assembly. When that happens, bushings, gears, and bearing wear out fast. It takes 4 hours for support to tear down an M242 and replace the grease.

No CLP on M242

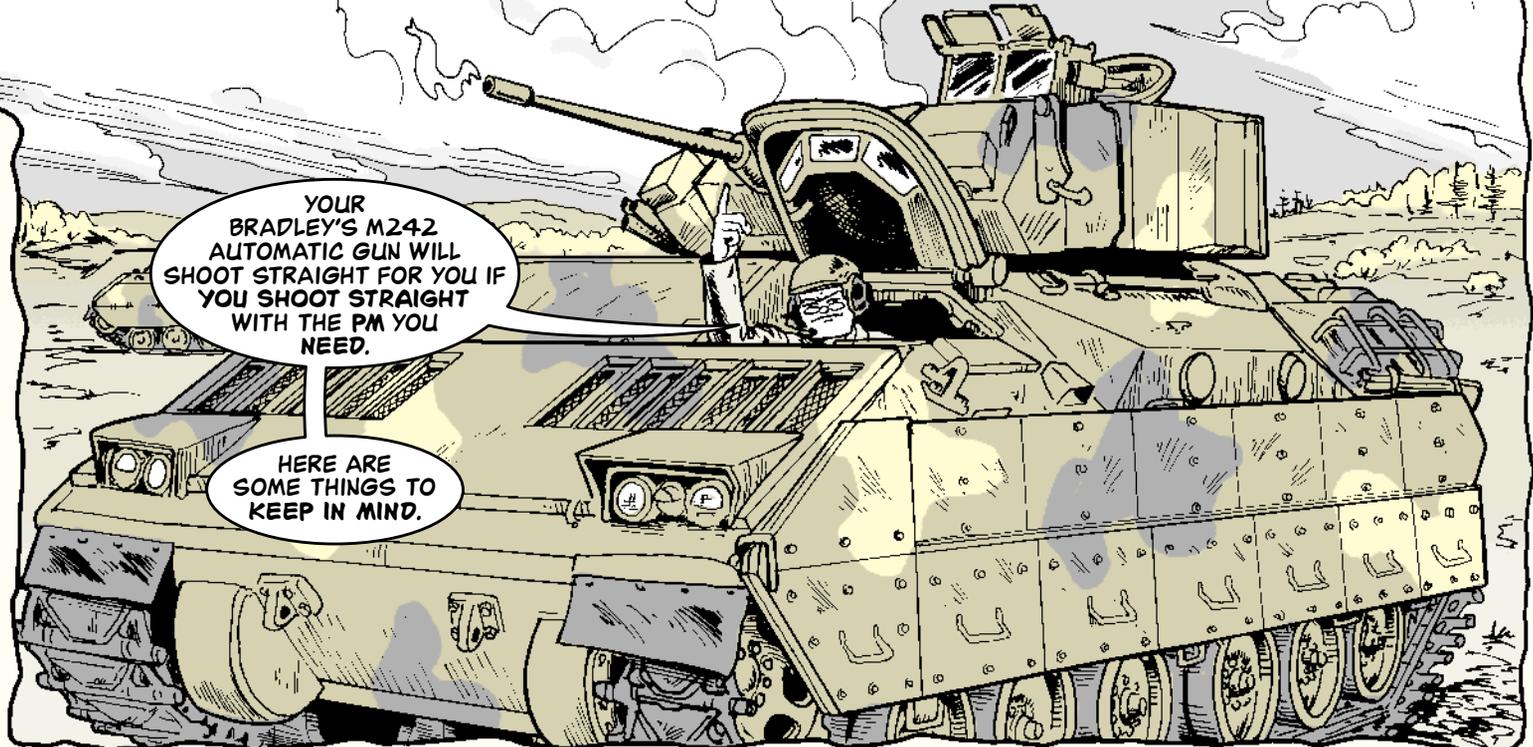


Clean and lube your M242 like the TMs say. The info is found in:

- TM 9-2350-252-10-2 Page 3-54
- TM 9-2350-284-10-2 Page 3-48
- TM 9-2350-284-10-2-1 Page 3-52

PMCS

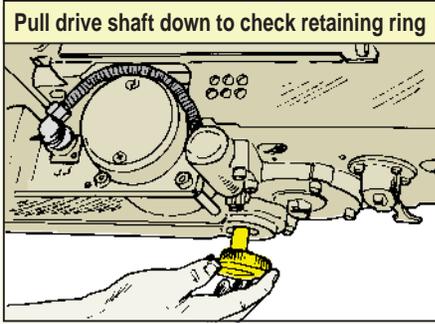
The retaining ring for the vertical drive shaft can work loose and disappear. That can cause the M242 to



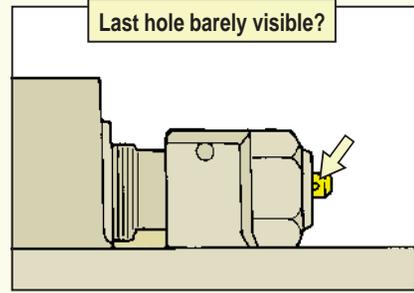
YOUR BRADLEY'S M242 AUTOMATIC GUN WILL SHOOT STRAIGHT FOR YOU IF YOU SHOOT STRAIGHT WITH THE PM YOU NEED.

HERE ARE SOME THINGS TO KEEP IN MIND.

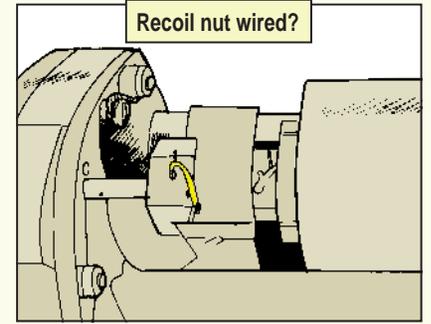
jam. To check the ring, just gently pull the drive shaft down from the receiver. As long as the shaft doesn't come out of the receiver, the ring's OK.



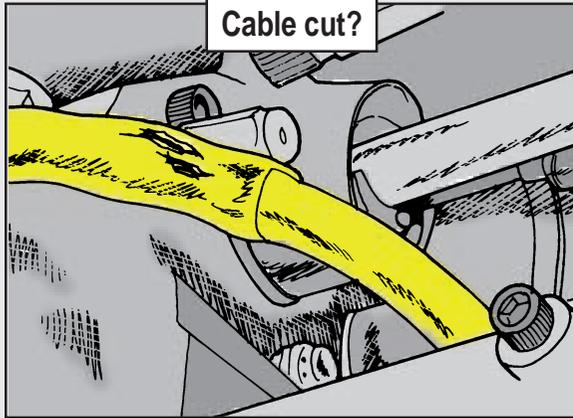
Eyeball the receiver piston rod. If you can barely see the rod's last hole, there's not enough hydraulic fluid to cushion the 10,000 pounds of recoil. Tell your repairman.



Also check the lacing wire on the recoil assembly nut. If it's broken, the nut can back off and the breech won't be secure.



Eyeball the feed select solenoid cable for cuts and breaks. Tape minor cuts with electrical tape to keep them from getting worse. A cable with exposed wiring needs to be replaced by support.



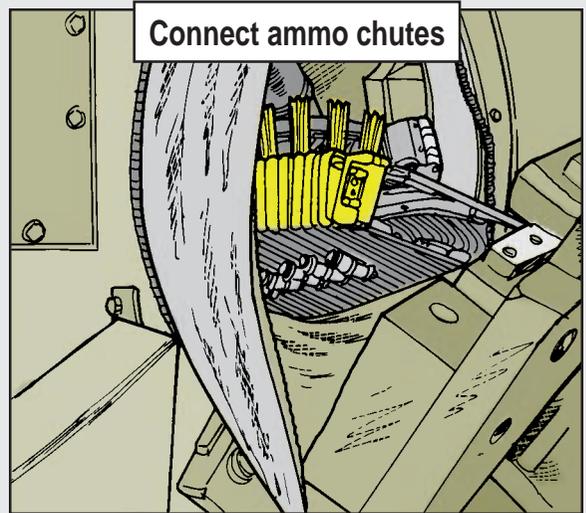
Installation

Do not try to wrestle the 95-lb receiver into the turret by yourself. It's a two-man job.

Protect the rear solenoid by pointing it up so that it can't be hit by the sides of the turret. Never rest the receiver on its end where it can crush the cover connector support.



Once the receiver's installed, connect the four ammo chutes. If they're left dangling, they can rip out cables when the gun's lowered or raised.



When you remove the receiver, don't twist it. Twisting lets the support bracket for the gun control panel tear off the solenoid. Just pull the receiver straight out.

