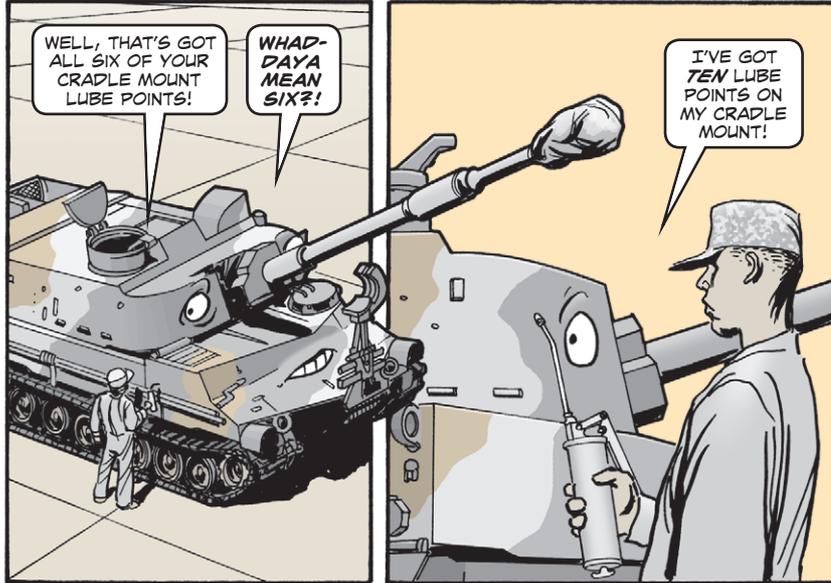
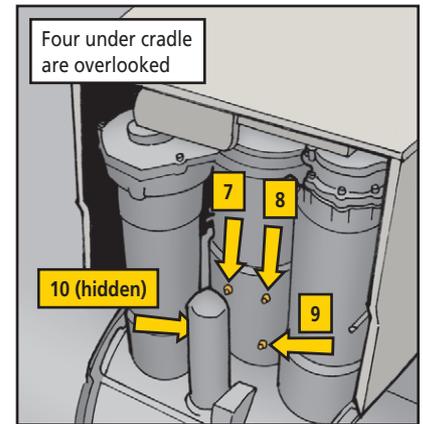
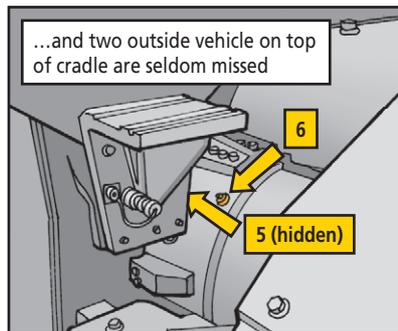
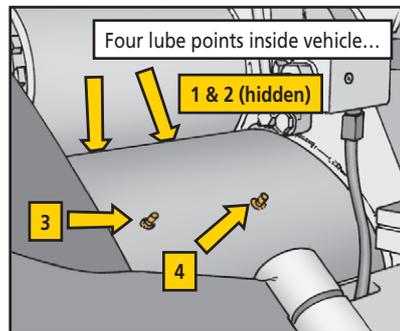


Bearings Take a Beating Without Lube



Crewmen, lube points that are hidden or hard to reach are often forgotten. Nowhere is this more evident than on the cradle mount bearings of your M109A6 Paladin.

There are 10 lube points on the cradle mount—four inside and six outside the vehicle. The four inside lube points and the two exterior lube points on top of the cradle mount usually get lubed regularly. The four on the bottom of the cradle mount are another story.



To get to those lube points, you must raise the gun tube. If you forget—or just don't go to the trouble of raising the gun—the cradle mount bearings will go dry. Whenever the cannon is fired, the tube is scored during recoil.

To protect the bearings, you'll need to lube **all 10** cradle mount lube points quarterly with molybdenum disulfide grease (GMD) or general purpose grease (GGP). GMD comes in a 14-oz cartridge, NSN 9150-00-935-4018, or 1 3/4-lb can, NSN 9150-00-754-2595. A 1 3/4-lb can of GGP comes with NSN 9150-00-985-7316.



M113A3 FOV...

When you push on your M113A3's foot brake and there's no give at all, a big question comes to mind: "How the heck do I stop?!"

That's what can happen if your mechanic doesn't lube the foot brake cross-shaft bearings regularly. A few squirts of GAA every 1,500 miles or semiannually will keep the foot brake moving like it should.

Just remember, mechanics, there are two lube points on the cross-shaft. Don't miss the one hidden behind the accelerator pedal. And make sure you clean the grease fittings before lubing to keep dirt out. Use cleaning compound, NSN 6850-01-277-0595. Order on a DD Form 1348-6 and put "NSN is not on "AMDF" in the REMARKS block.

