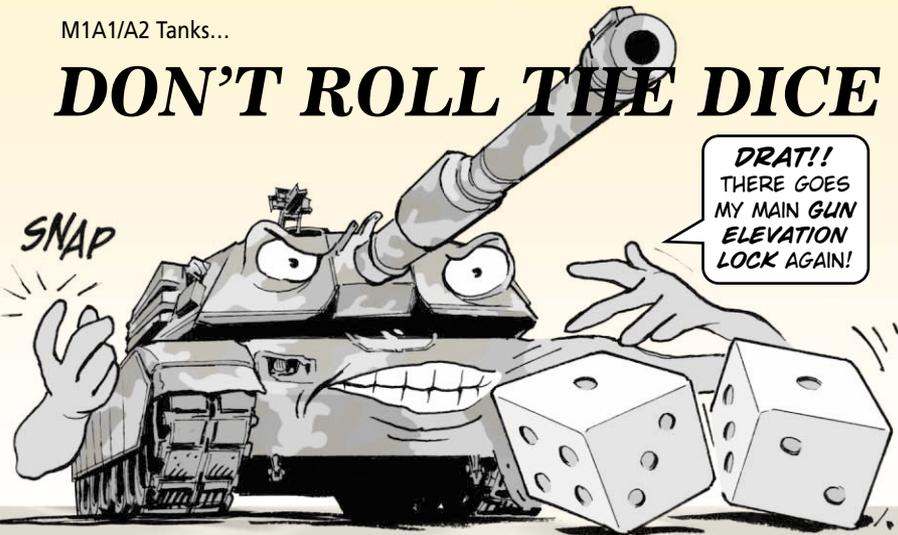


DON'T ROLL THE DICE



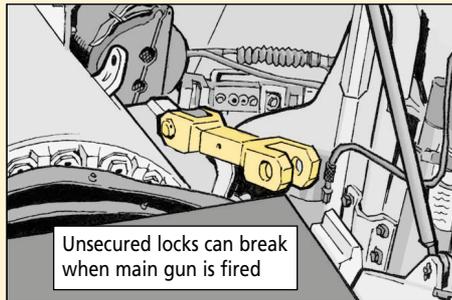
Tankers who forget to pin the main gun elevation lock to the gun mount assembly before firing their M1A1/A2 tank risk some expensive damage.

If the lock is loose, where it will end up is a roll of the dice. Sometimes the lock falls forward out of the way and sometimes it falls against the breech.

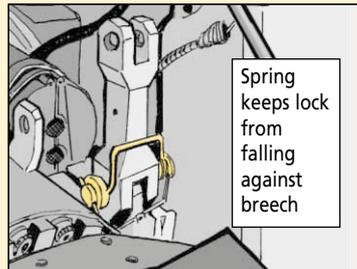
The problem comes when the lock ends up on the breech. When the gun is fired, the breech recoils and the lock snaps back against the lock, breaking it and shearing off part of the bracket.

That little slip-up will cost a lot of downtime while DS repairs or replaces the gun mount assembly.

Mechanics, you can stop that roll of the dice by adding a spring to the lock. The spring automatically forces the lock forward and away from the breech.



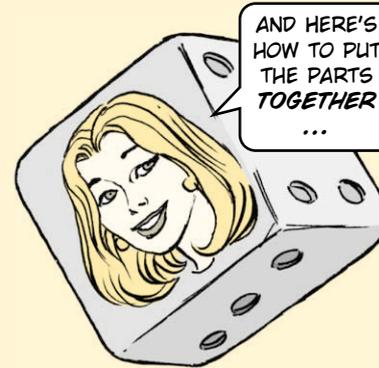
Unsecured locks can break when main gun is fired



Spring keeps lock from falling against breech

Here are the parts you'll need:

ITEM	NSN
Spring	5360-01-384-5338
Washer	5310-01-384-4231
Pin	5315-01-385-7871
Cotter pin	5315-01-378-7858



1. Remove the old cotter pin and straight-headed pin.
2. Place the new spring over the elevation lock.
3. Slip a washer over the new pin and slide the pin through the spring and lock.
4. Place another washer over the open end of the pin.
5. Secure the pin in place with the new cotter pin.

When you're finished, make sure the chain attached to the lock's quick-release pin is short enough to keep the pin from getting caught under the lock. Remove a few links if necessary.

Give TRU Its Space

One of the universal questions for tankers is, "Where do I store my stuff?" TMs, helmets, tools, microclimatic vests, MREs—all of that stuff has to be stored somewhere.

One place that seems ideal is the open area behind the thermal receiver unit (TRU). It's amazing how much stuff an industrious tanker can get into such a small space. But don't do it!

That space is there for a reason. The fan on the back of the TRU needs room to draw in cooling air. Without it, the TRU burns up and has to be replaced. And the price tag is a whopping \$98,000!

So don't store your stuff behind the TRU. Find somewhere else to put it.

