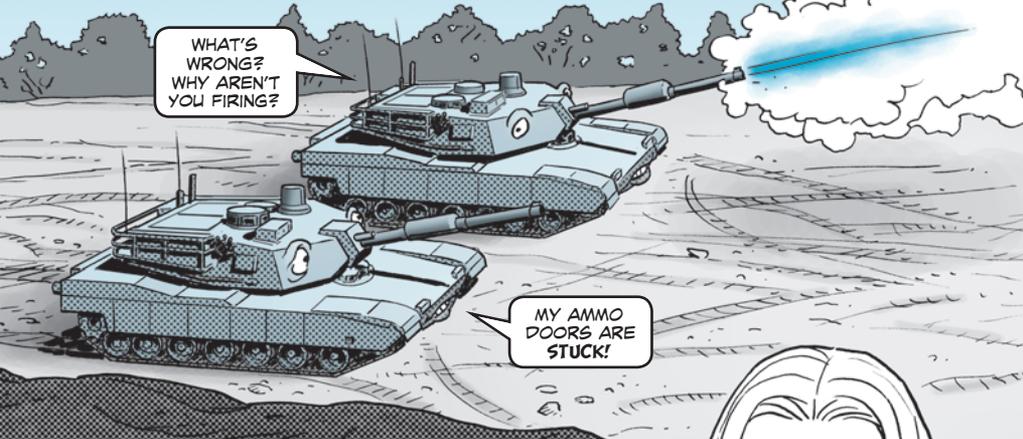


Open the Door To Ammo Door PM



WHAT'S
WRONG?
WHY AREN'T
YOU FIRING?

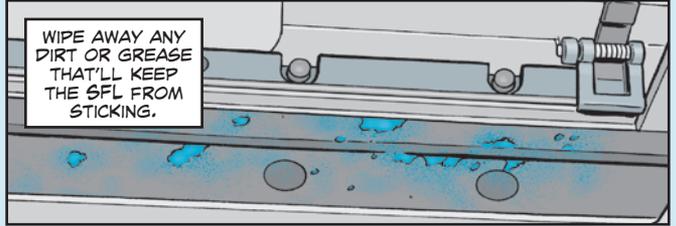
MY AMMO
DOORS ARE
STUCK!

WHAT GOOD IS A
DOOR THAT WON'T
OPEN? NO GOOD AT
ALL! THAT'S ESPECIALLY
TRUE FOR THE AMMO
DOOR ON YOUR
M1-SERIES TANK.

BUT SOONER OR LATER
YOU'LL EXPERIENCE A
STUCK AMMO DOOR IF
YOU DON'T MAKE PROPER
LUBRICATION A **PRIORITY**
WHEN DOING PREVENTIVE
MAINTENANCE (PM).



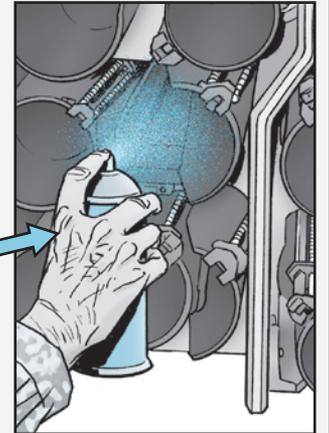
A SEMI-ANNUAL COAT OF SOLID FILM LUBRICANT (SFL), NSN 9150-01-260-2534, WILL GO A LONG WAY TOWARD MAKING THOSE DOORS KEEP OPENING.



THEN GIVE THE FOLLOWING AREAS A GOOD COATING...

- **Ammunition doors.** Spray the door seals, sliding surfaces and rails.
- **Ready ammunition door.** Spray the four seal retainer cams and the two rail cams.
- **Stowage ammunition door.** Spray the two door cams.
- **Hook latch.** Use a grease gun to lube the hook latch with WTR, NSN 9150-00-944-8953.
- **Hook latch and housing assembly.** Spray all moving and touching parts.
- **Latches.** Spray the sliding surfaces of all latches.

● **Ammunition tubes.** Spray the inside surfaces and all rubber stops inside the ammunition tubes with SFL. That allows ammo to slide in and seat properly so that it doesn't hit the ammo doors.

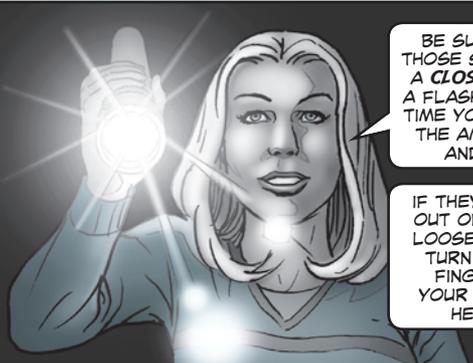
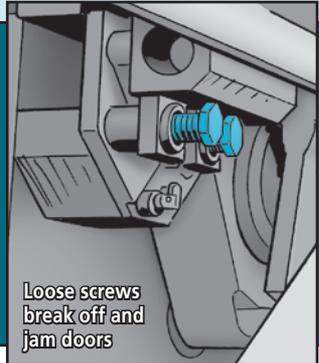


Hook Latch and Housing Assembly



AFTER LUBING THIS ASSEMBLY, MAKE SURE THE MOUNTING SCREWS ARE NICE AND TIGHT.

VIBRATION OFTEN LOOSENS THE SCREWS. THEY CAN BREAK AND JAM THE AMMO DOOR AS YOU TRY TO OPEN OR CLOSE IT.



BE SURE TO GIVE THOSE SCREW HEADS A **CLOSE LOOK** EVERY TIME YOU CHECK OUT THE AMMO DOORS AND RACKS.

IF THEY'VE BACKED OUT OR IF THEY'RE LOOSE ENOUGH TO TURN WITH YOUR FINGERS, GIVE YOUR MECHANIC A HEADS UP.

HE'LL ADD A DAB OF **LOCKING COMPOUND**, NSN 8030-01-025-1692, TO THE SCREWS BEFORE RE-TIGHTENING THEM.

