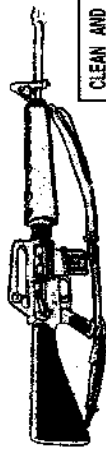


Why Do You Keep Your
M16 Rifle Clean
Inside and Out
and Lubed
with LSA?



BECAUSE

YOU BET YOUR LIFE ON IT!!



CLEAN AND
LUBE



**OPERATION
AND
PREVENTIVE
MAINTENANCE**

The
M16A1
Rifle



You want to know how to take care of your M16? Here's how to get it in the best of health. First, you need to know what makes her tick. No better time to get all over your equipment than when you disassemble, assemble, let her service.

Take it easy, no fence, no you could damage your chances in a showdown.

Eye-check the parts as you handle 'em. Get to know 'em by name and make sure they're OK for action.

Lay the parts down in a clean tarp or surface in left-to-right order so that you won't lose any. Know how far you can strip, and stop right there.

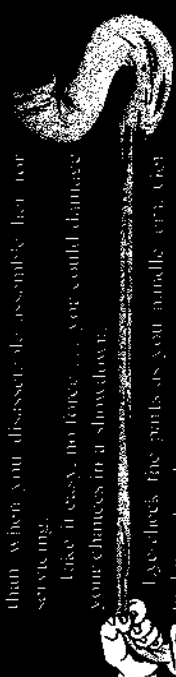
OK, by the numbers now, start stripping, but gently. The orange numbers are for taking it apart; the black for putting it together.

HOW TO YOUR BABY

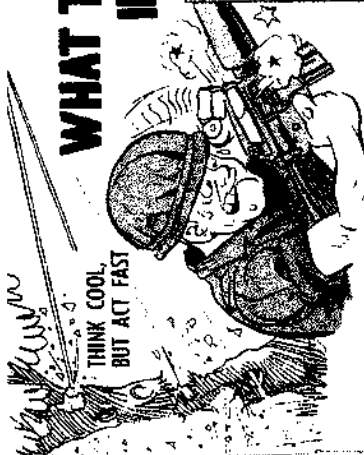
COMES A
FIREFIGHT—
YOUR M16!
RIFLE'S YOUR
DEAREST NEXT
O' SKIN—BAR
NONE!

DISASSEMBLY	ASSEMBLY
1 Remove magazine.	16 Insert and seat.
2 Open bolt, check chamber for ammo.	15 Be sure selector lever's on SAFE or SEMI-AUTO before closing upper and lower receivers.
3 Press take-down pin to right with cartridge or finger.	14 Shove 'em in in reverse order.
4 Pull back on charging handle and bolt carrier assembly.	

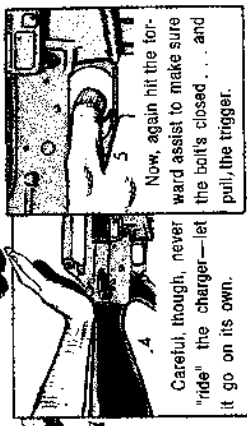
5 Take out the bolt and carrier assembly.	13 Put 'em back the same way, but be sure the bolt's unlocked.
6 Remove the charging handle.	12 Hook the handle in, then shove it in.
7 Push out the firing pin retaining pin.	11 Insert firing pin retaining pin, if it's so: Put the firing pin forward. The retaining pin goes in back of the large shoulder of the firing pin. Turn the retaining pin as you install it.
8 Put bolt in LOCK position. Heed this: Never open or close the split end of the retaining pin.	10 Install firing pin by dropping it in the hole.
9 Remove the firing pin.	9 After you install the cam pin, give it a 1/4 (90 degree) turn.
10 Take out bolt cam pin, give it a 1/4 (90 degree) turn.	8 When you install the bolt, be sure you stagger the ring gaps to prevent gas leakage.
11 Pull the bolt out of the carrier assembly.	7 Insert the extractor pin.
12 Use the firing pin to push out the extractor pin.	



WHAT TO DO IN A JAM



THINK COOL,
BUT ACT FAST



Careful, though, never "ride" the charger—let it go on its own. Now, again hit the forward assist to make sure the bolt's closed... and pull, the trigger.



If she won't fire, now look for the cause... a bad round, busted firing pin or hammer spring, or whatever. Table 3-3 in your -12 TM covers causes and cures.



If no cartridge or case ejects, first look for a round in the chamber. If none's there, once more release the charging handle to feed a round. Next hit the forward assist and again pull the trigger.

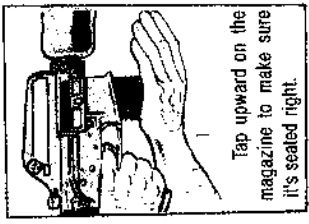
If she still won't fire, do what your TM says on trouble-shooting. However, if you do find a cartridge or case in the chamber, be sure you remove it before you try to reload and recycle your weapon.

Now, remember, get these steps down pat.

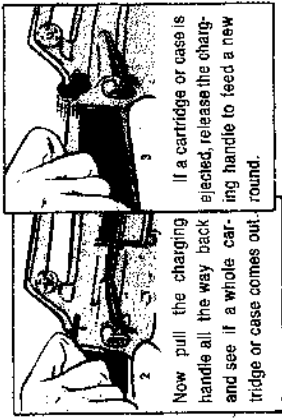
If your M16A1 rifle refuses to pop off—or quits popping sudden-like—you've got a stoppage that needs immediate action.

Immediate Action: Instinctively doing the right thing to clear your weapon and get it firing again, soonest!

Here's a slow motion of the procedure you'd best make second nature:

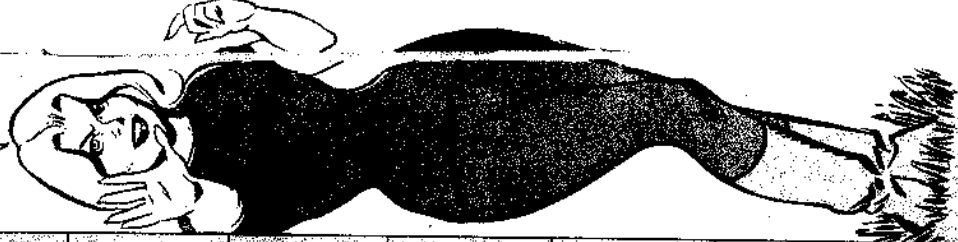


Tap upward on the magazine to make sure it's sealed right.



Now pull the charging handle all the way back and see if a whole cartridge or case comes out. If a cartridge or case is ejected, release the charging handle to feed a new round.

AND THAT'S AS FAR AS YOU'RE ALLOWED TO GO!
STOP RIGHT HERE!



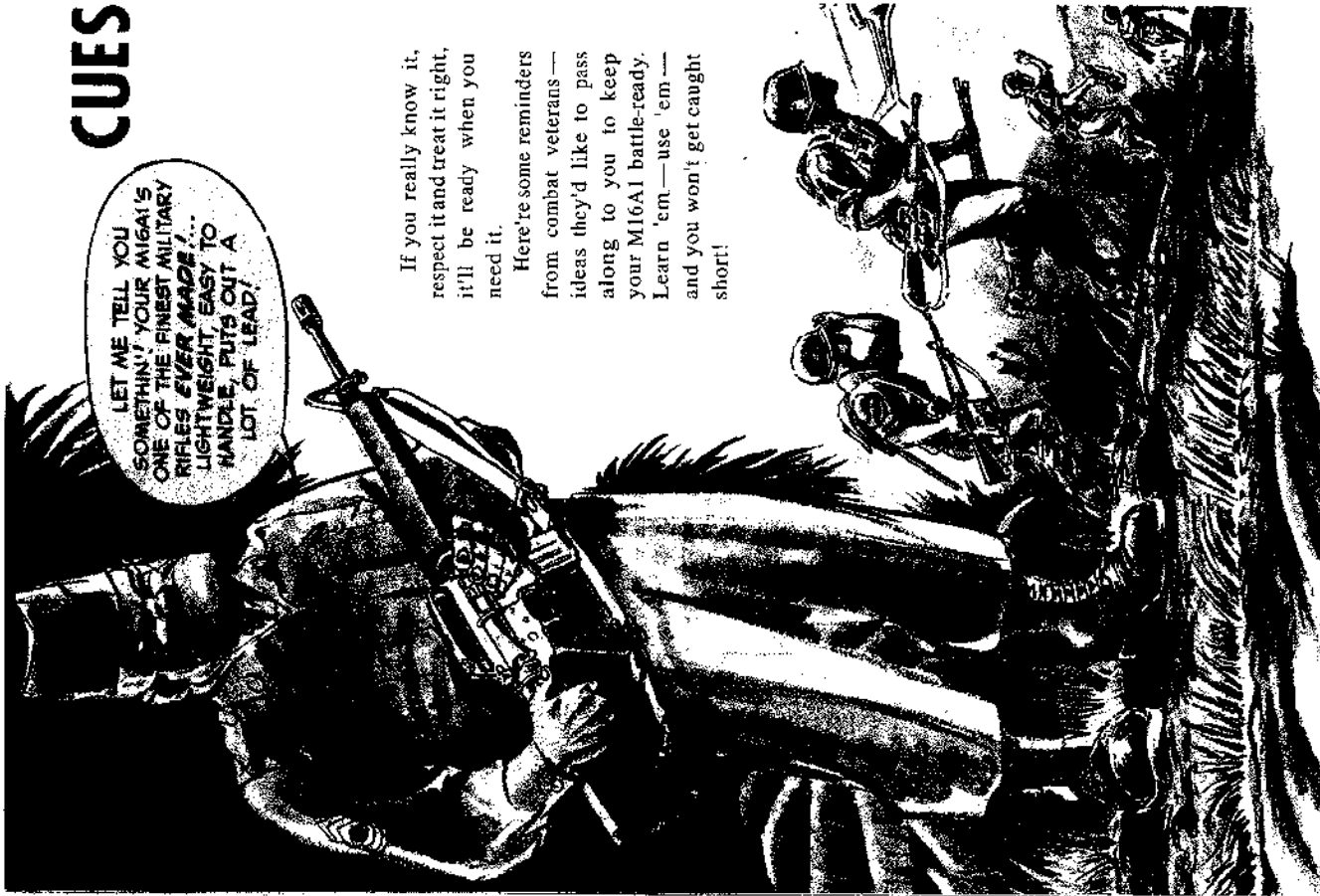
DISASSEMBLY	ASSEMBLY	
<p>13 Remove extractor and spring assembly for cleaning only. Remember not to lose, damage or separate them.</p>		<p>6 If you've had one separated, the spring from the extractor near the large end of the spring in the extractor and seat it.</p>
<p>14 Remove the sling.</p>		<p>5 Install the sling.</p>
<p>15 Tack handguards off by first pulling down on the slip ring.</p>		<p>4 Install by first putting handguards in place, then push up on slip ring.</p>
<p>16 Use the firing pin to release the receiver pivot pin.</p>		<p>3 Engage the receiver pivot pin.</p>
<p>17 Separate the upper and lower receivers.</p>		<p>2 Join the upper and lower receivers.</p>
<p>18 Push the buffer assembly in about 1/4 inch, press in on the buffer retainer, then release the guide.</p>		<p>1 Insert the spring and buffer assembly.</p>
<p>19 Take out the buffer assembly and spring.</p>		

CUES

LET ME TELL YOU SOMETHIN' YOUR MIGAI'S ONE OF THE FINEST MILITARY RIFLES EVER MADE! ... LIGHTWEIGHT, EASY TO HANDLE, PUTS OUT A LOT OF LEAD!

If you really know it, respect it and treat it right, it'll be ready when you need it.

Here're some reminders from combat veterans — ideas they'd like to pass along to you to keep your M16A1 battle-ready. Learn 'em—use 'em—and you won't get caught short!



FROM GUYS WHO KNOW!

1 Keep your ammo and magazine as clean and dry as possible. The only part of the magazine that gets any lube is the spring — and it gets only a very light touch of LSA. Oil it up and you're headed for trouble.



2 Inspect your ammo when you load the magazines. Never load dented or dirty ammo. Remember, Never load over 20 rounds.



3 Clean your rifle every chance you get — 3-5 times a day's not too often in some cases. Cleanliness is a must — and it may save your life!



4 Be sure to clean carbon and dirt from those barrel locking lugs. Pipe cleaners help, here and inside the carrier key.



5 Never be bashful about asking for cleaning materials when you need 'em. They're available. Get 'em and use 'em!

REMEMBER... THE IMPORTANT THING IS... KEEP IT CLEAN!

6 Check your extractor and spring often. If they're worn or buried, get new ones ASAP.



7 lube your rifle, using LSA only, it's the most. A light coat put on with a rag after cleaning is good. Working parts need generous applications often. The chamber and bore need only a light coat after cleaning.

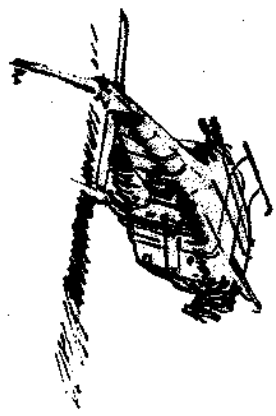


Worry a little more about your rifle... like, when you're out in the boonies, be careful where you put it down and how you put it down. Never drop it in mud or water or sand. Just keep in mind that you may have to use it before you get a chance to clean it.

TIPS THAT'LL KEEP IT YOUR EVER-LOVIN' SWEET



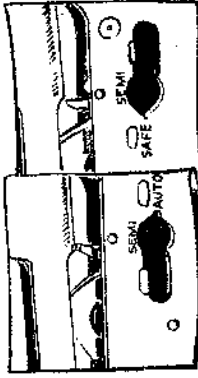
Here're a few cleaning and operating tips that'll help you get best results from your weapon. Some of these tips sort of put the accent on stuff you'll find in the rifle's bible—TM 9-1005-249-12 (1968) with ch 1. Others are hexes and fixes direct from guys who've been living with this light-weight terror.



TIP...

Here's something you want to be real careful about. Don't—like Never!—close the upper and lower receivers while the selector lever's in the AUTO position.

Always—like Always!—point the lever to SAFE or SEMI before closing the receivers.



Here's why: If you jam the receivers closed while the selector's in the AUTO position you'll force the automatic sear down and damage the automatic sear, and the sear pin, and will likely rough up the bottom of the bolt carrier.

That's 'cause when the selector lever's in the AUTO position, the tang of the automatic sear moves to the rear. You can see how it works by opening the receiver and turning the selector to AUTO and watching the movement of the tang of the automatic sear.

So-o-o... do it right... every time. Point the arrow to SAFE. Then the receivers will close without any interference.

TIP...

Speaking of magazines... every guy has his own idea of how firm or loose he wants the holding action of the magazine catch to be. Which is A-OK as far as it goes. But remember this: The tighter the mag's held in the receiver, the more pressure it takes to release it. And this: The farther the shaft of the catch sticks through the catch button, the tighter the magazine's held in the receiver.

