



BE YOUR OWN INSPECTOR . . .

M60 MACHINE GUN

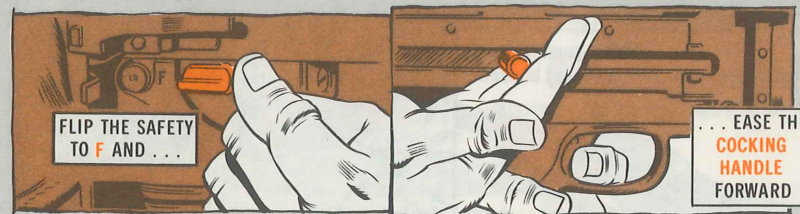


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Your M60 machine gun is a lightweight fighter with a real punch. Weighing in at only 23 pounds, it has fixed headspace and comes with 2 barrels for quick changes.

First clear your weapon so nobody gets hurt while you give it the hairy eyeball.

Wind up this drill by flipping the safety to F and easing the cocking handle forward as you pull the trigger.



(Pulling the trigger and letting the bolt slam forward by itself is hard on the bolt locking lugs.)

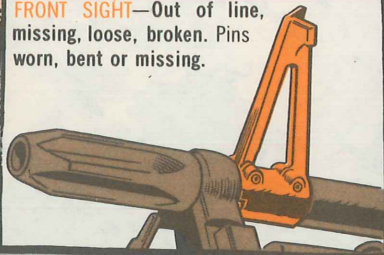
Once you're sure the gun is empty, look it over while you ask yourself the kind of questions inspectors ask.

Correct all the weak points you can and get help from your armorer for those you can't correct.

The conditions in **bold type** are more serious than the others and must be corrected to make your weapon combat ready.

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FRONT SIGHT—Out of line, missing, loose, broken. Pins worn, bent or missing.

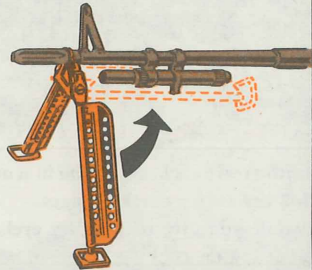


SLING—Missing, torn, clamps weak.



SLING SWIVELS—Missing, loose, twisted, stuck.

BIPOD—Legs won't lock in both stowed and working positions. Feet won't lock securely in all 4 positions. Pads missing, cracked, loose.

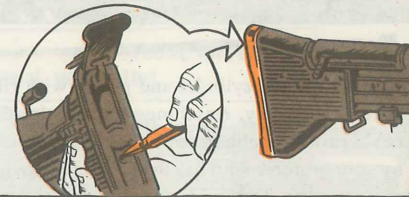


RUBBER COATING—Soft, gummy, retains fingerprints, oily, split, not bonded to surface.

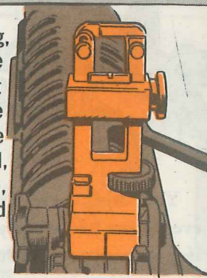


Defects are often caused by using gasoline or some solvent to clean the rubber.

GUN SHOULDER STOCK—Rivets loose, missing. Stock can be pulled off without releasing latch. Shoulder rest won't open or close all the way, dirt in hinge, operation not smooth.



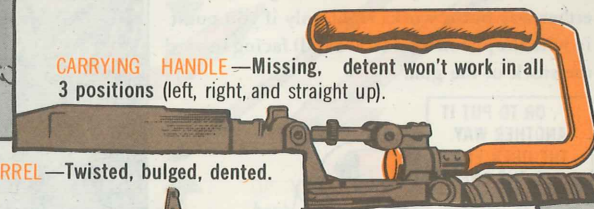
REAR SIGHT—Missing, broken, bent, range plate markings not clear. Slide release sticks, range plate screw missing, burred, knobs missing, loose, zero index marks hard to see.



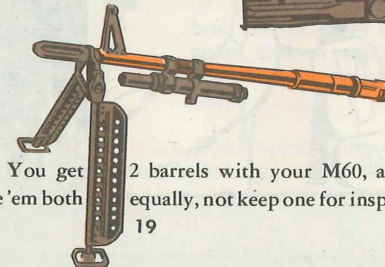
PISTOL GRIP—Cracked, broken.



CARRYING HANDLE—Missing, detent won't work in all 3 positions (left, right, and straight up).



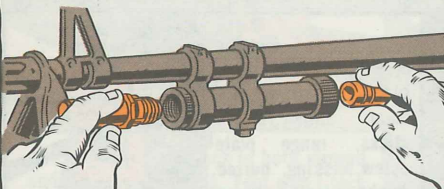
BARREL—Twisted, bulged, dented.



NOTE: You get 2 barrels with your M60, and you need to use 'em both equally, not keep one for inspections.

GAS CYLINDER ASSEMBLY

Clean the gas cylinder and piston with rifle bore cleaner only. Anything sharp or abrasive could ruin it. Stubborn carbon can be removed by your armorer who has the carbon removing compound to do it with.

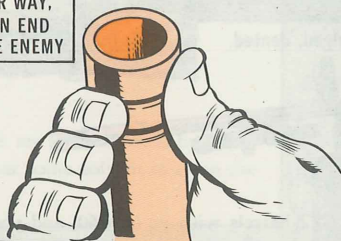


You don't have to clean the gas cylinder every time you clean your weapon. Do it only if your weapon acts sluggish or you get a short recoil or the piston will not move under its own weight. Taking the cylinder apart too often cuts down on its life.

After some use your gas piston turns brown and then black. Leave this color be because you can only mess things up if you try to scrape it off. Use no oil on the piston except in hot, humid, climates. However, you lube the gas cylinder if the gun is not to be used for a time.

You can put the piston into the gas cylinder either way but it works right only if you put it in with the piston head (solid end) facing toward the stock of the gun.

... OR TO PUT IT
ANOTHER WAY,
THE OPEN END
FACES THE ENEMY



**BARREL LOCKING
LEVER**—Missing,
broken, loose,
won't lock and
release.

BORE & CHAMBER—Fouled with carbon
and metal, worn, pitted.

GAS CYLINDER NUT—Missing, loose, split,
threads stripped, burred.

**GAS CYLINDER
PLUG**—Locking
wire broken.

**SAFETY PLUNGER
AND SPRING**—
Won't engage
safety lever.

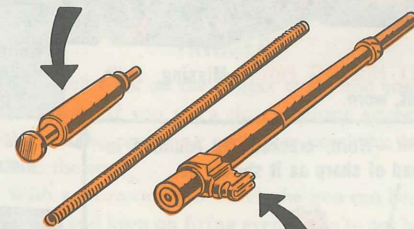
**BARREL LOCKING
SOCKET**—Cracked,
burred, eroded.



BUFFER AND OPERATING ROD

BUFFER—Springs weak, body cracked, dented, plunger head worn, cracked.

Never oil the buffer or dunk it in solvent. If it's not working right, replace it but don't try to repair it. The new hydraulic buffer is never disassembled. Replace if leaking.

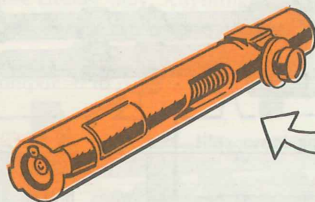


OPERATING ROD ASSEMBLY—Broken,
bent, cracked. Roller missing or rough,
nicked, does not move freely. Sear notch
worn, burred, rounded. (Should be
sharp.)

DRIVING SPRING (Operating Rod Spring)—
Worn, kinked, broken. (Flat places on the
spring are a sign of rapid wear.)

BOLT ASSEMBLY

BOLT ASSEMBLY—Cracked, sliding surfaces worn, burred, lugs chipped, recesses filled with carbon.



Do not take the ejector apart. If locking lugs are chipped, ask your armorer to stone 'em smooth.

BOLT PLUG PIN—Missing.



FIRING PIN—Tip flattened or sharply pointed, broken, bent, spools burred, cracked.



FIRING PIN SPRING—Missing, broken, kinked, flat surfaces.

CAM ROLLER—Frozen, sticking, cracked, broken, burred.



FEED COVER ASSEMBLY

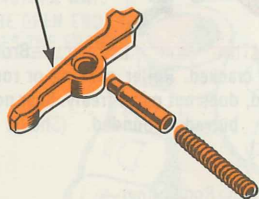
FEED CAM—Bent, channel cracked, burred, return spring missing.

You'll damage the feed cam if you slam the cover down with the bolt forward.



BELT HOLDING PAWL—Missing, split, bent, worn.

SEAR—Worn, cracked, lip rounded instead of sharp as it should be.



SEAR PLUNGER & SPRING—Missing, bent.

LEAF SPRING LOCK—Cracked or weak, installed wrong.



NOTE: This part will not work right if you straighten the bend the manufacturer put in it. The only right way to install it is with the point of the V down.

OTHER PARTS

FOREARM ASSEMBLY—Bent, dented, retaining springs broken or deformed.



If the serial number is 77605 or below it should be followed by the letter **R** to show MWO 9-1000-232-30/1 (Jul 65) has been applied.



RECEIVER—Cracks, loose rivets, burred.

If the gun has been dry-fired a lot it may have burrs on the receiver in the area where the bolt roller meets the feed tray. Get your armorer to stone off the burrs and then make sure you ease the bolt gently forward when there's no round in the chamber.



COCKING HANDLE—Retainer spring frozen.

TRIGGER

You pull back on the trigger quick and you let go of it quick. If you try a slow, delicate squeeze you wear out the operating rod's sear notch by crashing it into the sear.

With a worn-out sear notch the gun can become a runaway and keep on firing even if you're not holding down on the trigger.

To stop a runaway, open the cover. Best of all, be fast on the trigger and then it won't happen in the first place.

REAMER—No use throwing the entire combination tool away just because the reamer is broken. Your support can put on a new reamer.



TOOLS AND CLEANING EQUIPMENT

Combination tool
FSN 5120-461-1075



Bore cleaning brush
FSN 1005-556-4174



Handle assembly
FSN 1005-793-6761



Chamber cleaning brush
FSN 1005-690-3115



Cleaning rod sections (M6 gets 5 sections)
FSN 1005-726-6109



Receiver cleaning brush
FSN 1005-350-4100



Swab holder section
FSN 1005-726-6110



Carrying case
FSN 1005-791-5420



Asbestos mitten
FSN 8415-266-8843

Ruptured cartridge extractor
FSN 4933-652-9950

