

# Cleaning and Maintenance

## General

It must be emphasized that all semi automatic weapons have to be given constant care, cleaning and maintenance and that most of the stoppages previously mentioned in this brochure are the result of negligence on the part of the owner, or ignorance regarding the working of this weapon. Any weapon, whether semi automatic or single rifle, must always be cleaned at the end of the day's firing, particularly after practice firing with blanks.

## Maintenance by the owner

This maintenance of the F.N. rifle, Cal. 7.62mm. only requires a partial, or field stripping of the weapon and consist of;

- Repeatedly using the cleaning brush to clean the bore; this should be soaked in the special oil provided for this purpose;
- Two or three clean, dry 30 cal. patches should then be run through the bore;
- Cleaning the chamber with the 30 cal. chamber brush;
- Cleaning the slide, rear part of the barrel and inside the receiver;
- Cleaning the breech block, firing pin and its housing;
- Cleaning underneath the extractor claw, without stripping it;
- Removing the gas plug, piston and piston spring, cleaning these parts thoroughly, as they are exposed to gas fouling;
- Cleaning and running a lightly oiled AR15/M16 chamber brush through the gas cylinder;
- Lightly oiling the moving parts

## Inspection and maintenance by a qualified armourer/gunsmith

It is essential that the weapon should be periodically inspected by the Unit's armourer, who will be able to check that it has been properly cared for by the owner.

In addition, all the components of the rifle will then be checked for correct functioning. The armourer's inspection will also include:

- Cleaning the exhaust port in the gas cylinder;
- Stripping and cleaning the extractor;
- Checking the gas setting;
- Inspecting sights and correcting, if required.
- Rechecking headspace.

## Complete cleaning of barrel

It should be noted that the barrel must be regularly cleaned, as described below, and that it should never be necessary to use harsh abrasives, such as emery, sand or brick powder, which all have damaging effects.

This complete cleaning should be done unhurriedly, when circumstances permit, and following the procedure outlined below:

– Wash the bore with soapy water, using a solution of approx. 15% black soap, with no acid content, or with a special cleaning bore cleaner should the cartridges used be provided with non corrosive primers; use the pullthrough and take special care to keep soapy water out of the mechanism.

– After cleaning, dry thoroughly, using 30 cal. Cotton patches, after drying, the last patch should be completely clean.

– Dry outside of barrel and rub with oily rag.

– If the weapon is likely to be out of service for a certain time, a little barrel grease should be applied to the bore.

### Assembly and oiling before firing

– Before firing, clean the rifle and assemble, noting the parts that should be oiled lightly, or left dry, as listed below:

OILED	LEFT DRY
Inner Surface of slide Breech block Body, lower surface and slide groove Holding open device	Gas Cylinder Plug Piston and spring Barrel Chamber Outer surface of slide Front surface of breech block Magazine catch Magazine and magazine platform Sights