

**THE BROWNING
HEAVY
MACHINE GUN**
Mechanism Made Easy

.300 calibre model 1917
(WATER COOLED)

A L D E R S H O T
GALE & POLDEN LIMITED

One Shilling and Sixpence (net)
(By Post, 1/8)



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Mechanism Made Easy***

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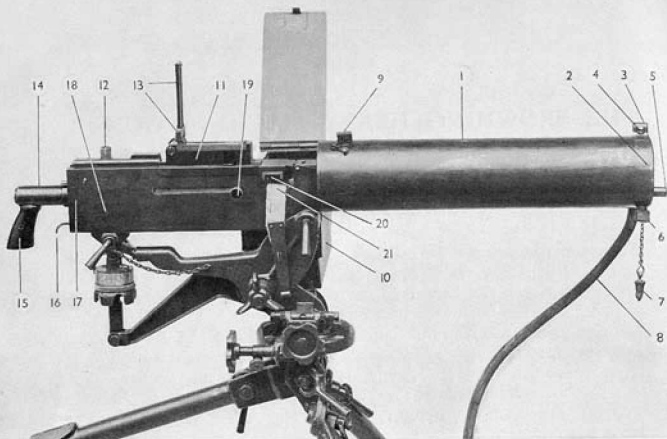


PLATE I

- | | | | |
|----|--|----|---------------------------|
| 1 | Water jacket. | 11 | Cover. |
| 2 | Water jacket end cap. | 12 | Cover latch. |
| 3 | Foresight protector. | 13 | Rearsight. |
| 4 | Foresight. | 14 | Shock absorber mechanism. |
| 5 | Barrel (muzzle end protruding through muzzle gland). | 15 | Pistol grip. |
| 6 | Drain plug. | 16 | Trigger. |
| 7 | Cork plug stem and chain. | 17 | Receiver. |
| 8 | Steam hose affixed to steam vent. | 18 | Trigger pin recess hole. |
| 9 | Filler plug. | 19 | Bolt handle. |
| 10 | Ammunition box. | 20 | Feedway. |
| | | 21 | Ammunition belt. |

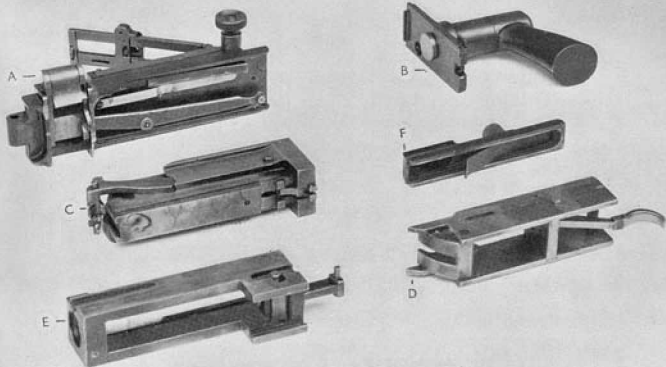


PLATE 2

Illustrations of Assembled Groups

- | | |
|---------------------------|-----------------------------|
| (A) Cover group. | (D) Lock frame group. |
| (B) Shock absorber group. | (E) Barrel extension group. |
| (C) Bolt group. | (F) Cover latch. |

FIELD STRIPPING

This should be done in the following sequence :

- (1) Draw back cover latch, raise cover.
- (2) Pull back bolt handle to the rearmost position, hold in this position by placing left wrist firmly on top of receiver and holding bolt handle with fingers of the left hand. Insert rim of cartridge or screw-driver into the slit of the driving spring rod, which will be found protruding from rear of back plate. Push driving rod in as far as it will go, rotate in clockwise direction until slit is vertical ; this locks the driving rod and retains driving spring fully compressed in bolt.

- (3) Push bolt handle forward a few inches.
- (4) Push cover latch forward with left hand. Back plate of pistol grip may now be lifted up and out of receiver with right hand.
- (5) Pull bolt handle to rearmost position and withdraw bolt handle from bolt.
- (6) Grasp driving spring rod with right hand, withdraw bolt and support same with left hand. Turn extractor upwards and remove.
- (7) With nose of bullet, push in trigger pin (located in hole on the right side of receiver). Grasp lock frame spacer with left thumb and pull rearwards until lower projection of barrel extension drops down behind bottom plate of receiver.
- (8) Grasp lock frame and push forward on tips of accelerator ; this will separate lock frame from barrel extension.
- (9) Draw barrel extension and barrel to rear out of receiver.
- (10) Unscrew barrel extension from barrel.

NOTE: The above stripping 1-10 is what is normally needed under field conditions for a temporary stoppage necessitating a change of parts, etc. (see pp. 29-30, Stoppages).

DETAIL STRIPPING OF GROUPS

(PLATES 3, 4, 5, 6, 7)

COVER

- (1) With point of bullet turn cover pin spring upwards, withdraw pin, remove cover.
- (2) With point of bullet turn feed lever pivot pin spring outwards, remove pivot pin, remove feed lever, remove belt feed slide.
- (3) Push out feed pawl pin. Remove feed pawl and feed pawl spring.
- (4) With point of bullet inserted between extractor cam and extractor spring, prise extractor spring away from extractor cam, remove extractor spring.

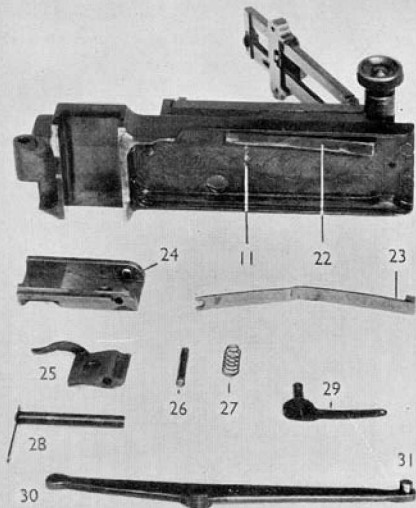


PLATE 3

Cover Group Stripped

- | | | | |
|----|-------------------------|----|---------------------------------------|
| 11 | Cover. | 27 | Belt feed pawl spring. |
| 22 | Cover extractor cam. | 28 | Cover pin and spring. |
| 23 | Cover extractor spring. | 29 | Belt feed lever pivot pin and spring. |
| 24 | Belt feed slide. | 30 | Belt feed lever. |
| 25 | Belt feed pawl. | 31 | Belt feed lever actuating stud. |
| 26 | Belt feed pawl pin. | | |

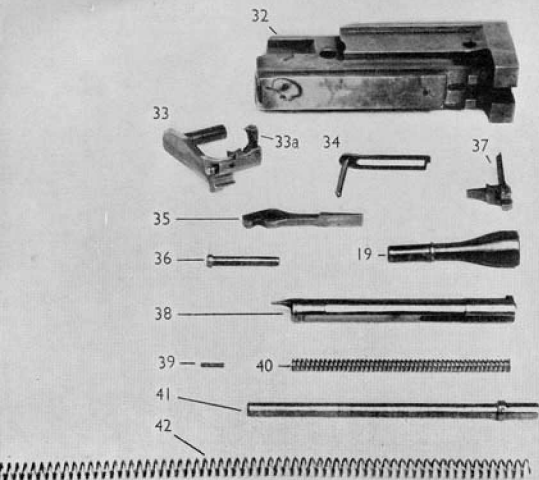


PLATE 4

Bolt Group Stripped

- | | |
|--------------------------|----------------------------------|
| 19 Bolt handle. | 37 Sear. |
| 32 Bolt. | 38 Striker. |
| 33 Extractor. | 39 Striker spring retaining pin. |
| 33 ^a Ejector. | 40 Striker spring. |
| 34 Sear spring and pin. | 41 Driving spring rod. |
| 35 Cocking lever. | 42 Driving spring. |
| 36 Cocking lever pin. | |

