

U. S. ENFIELD



.30 CALIBER
MODEL of 1917

No. 1917

DESCRIPTION AND RULES FOR THE
MANAGEMENT OF THE
UNITED STATES RIFLE
CALIBER .30, MODEL OF 1917

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UNITED STATES RIFLE, CALIBER .30, MODEL OF 1917.

COMPONENT PARTS OF RIFLE.

(Eighty-six in number of which seventy-seven are not duplicates.)



FIG. 1



FIG. 2

17847-26. (7) (New page 4.)

Barrel:

- Barrel.
- Spline.

Bolt:

- Bolt.
- Extractor collar.

Bolt stop:

- Bolt stop.
- Bolt stop screw.
- Bolt stop spring.
- Bolt stop spring rest.

Butt plate:

- Butt plate.
- Butt plate cap.
- Butt plate pin.
- Butt plate screw, large.
- Butt plate screw, small.
- Butt plate spring.
- Butt plate spring screw.

Butt swivel:

- Butt swivel.
- Butt swivel screw.
- Butt swivel plate.
- Butt swivel plate screws (2).

Ejector.

Extractor.

Firing pin:

- Striker.
- Cocking piece.

Floor plate.

Floor plate catch.

Floor plate pin.

Floor plate spring.

Follower.

Front sight:

- Front sight.
- Front sight carrier.
- Front sight carrier pin.

Guard.

- Guard screw bushing, front.
- Guard screw bushing, rear.
- Guard screw, front.
- Guard screw, rear.

Hand guard:

- Hand guard, front.
- Hand guard, rear.
- Hand guard liner, front.
- Hand guard liner, middle.
- Hand guard liner, rear.
- Hand guard rivets, (6).
- Hand guard ring.

Lower band.

- Lower band screw.
- Lower band pin.
- Lower band swivel.

Magazine.

Magazine spring.

Main spring.

Rear sight:

- Base spring.
- Base spring screw
- Joint bolt.
- Joint bolt nut.
- Leaf.
- Slide.
- Slide catch.
- Slide catch spring.
- Slide catch pin.
- Slide stop screw.

Receiver.

Safety lock:

- Safety lock.
- Safety lock holder.
- Safety lock holder screw.
- Safety lock plunger.
- Safety lock spring.

Sear.	Stock bolt.
Sear pin.	Stock bolt nut.
Sear spring.	Stock pin.
Sleeve.	Trigger.
Stacking swivel.	Trigger pin.
Stacking swivel screw.	Upper band.
Stock.	Upper band screw.

APPENDAGES.

Oiler and thong case:	Thong:
{ Thong case body.	Thong brush.
{ Thong case partition.	Thong cord.
{ Oiler collar.	Thong tip.
{ Oiler cap.	Thong weight.
{ Oil dropper.	
{ Oiler cap washer.	
{ Thong case cap.	
{ Thong case pad.	

ACCESSORIES.

Cleaning rod, barrack; model of 1916:	Cleaning rod, model of 1916—Con.
Collar.	Sleeve.
Knob.	Second section.
Rod.	Third section.
Sleeve.	Cleaning rod case.
Cleaning rod, model of 1916:	Follower depressor.
Brush section.	Screw-driver:
Handle section.	Screw-driver blade, large.
Knob.	Screw-driver blade, small.
Collar.	Screw-driver pin.
	Screw-driver rivet.

COMPONENT PARTS OF BAYONET, MODEL OF 1917.

(Ten in number.)

Bayonet blade.	Bayonet grip, right.
Bayonet catch.	Bayonet grip, left.
Bayonet catch spring.	Bayonet screws (2).
Bayonet catch thumbpiece.	Bayonet screw nuts (2).

GENERAL DESCRIPTION.

The rifle has a breech mechanism of the bolt type, the bolt being locked by a turning movement, which causes lugs on the bolt to engage in recesses just in rear of the chamber. There is a camming action of the locking lugs to seat cartridges firmly, which continues throughout the locking action. To preclude the possibility of the bolt's unlocking under powder pressure, a safety stud is mounted on the sear and rises, as the trigger is pulled, to lock the bolt against turning. This serves also to preclude pulling of the trigger unless the bolt is fully locked.

The magazine is directly beneath the bolt and is loaded from the top from a clip of five cartridges while the bolt is retracted. It contains a spring-actuated follower, above which the cartridges arrange themselves in laterally staggered relation.

This follower feeds the top cartridge up into the path of the bolt when the latter is retracted, a ramp serving to guide the nose of the bullet upward and into the chamber as the cartridge is forced forward on the succeeding forward movement of the bolt.

The extractor is of the hook type, swiveled on the bolt, and engages the groove of the cartridge as this moves upward from the magazine. Primary extraction is provided by an extracting cam, operated by the turning of the bolt in unlocking, and serving to start the bolt to the rear after it is unlocked.

The ejector is of the spring-actuated type and operates through a slot in one of the locking lugs at the limit of rearward movement of the bolt. The ejector spring is integral with the ejector.

The firing pin has no cocking knob and can not be cocked except by actuation of the bolt. It is half cocked by the unlocking movement of the bolt, a cam and half-cock notch being provided on the rear end of the bolt to engage a lug on the cocking piece and perform this function. The sear notch of the cocking piece engages the sear nose in the closing movement of the bolt, so that the piece is cocked by the act of closing the bolt. The locking of the bolt moves the half-cocking cam out of the path of the lug on the cocking piece. This arrangement precludes the closing of the bolt upon a cartridge with the point of the striker protruding through the end of the bolt.

There is no magazine cut-off. The follower rises and locks the bolt open when the magazine is empty, and to prevent this, so that the rifle may be used as a single loader or in simulated fire drill, an accessory, called the follower depressor, is provided.

The safety lock consists of an eccentric detent which engages a notch in the cocking-piece lug and lifts the sear notch off the sear nose, and a sliding plunger, which simultaneously enters a hole in the bolt handle and locks the bolt closed. These parts are operated