

**DESCRIPTION AND RULES FOR
THE MANAGEMENT OF THE U. S.
MAGAZINE RIFLE MODEL OF
1898 AND MAGAZINE CARBINE
MODEL OF 1899**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649345984

Description and rules for the management of the U. S. magazine rifle model of 1898 and magazine carbine model of 1899 by Various

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

VARIOUS

**DESCRIPTION AND RULES FOR
THE MANAGEMENT OF THE U. S.
MAGAZINE RIFLE MODEL OF
1898 AND MAGAZINE CARBINE
MODEL OF 1899**

No. 1920

DESCRIPTION

AND RULES FOR THE MANAGEMENT OF THE

U. S. MAGAZINE RIFLE

MODEL OF 1896

AND

MAGAZINE CARBINE

MODEL OF 1899

CALIBER .30



CALIFORNIA

WASHINGTON
GOVERNMENT PRINTING OFFICE
1917

Fig. 1



Fig. 2



(8)

365871

THE U. S. MAGAZINE RIFLE AND CARBINE.

Since the adoption of this arm the following changes have been made by the authority of the Chief of Ordnance:

- BARREL.**—Muzzle rounded in Model 1896.
Rear end rounded in July, 1899.
- BAYONET BLADE.**—Bluing stopped, April 1, 1895.
- BAYONET GRIP.**—Sanding stopped, April 12, 1899.
- BAYONET GRIP RIVETS.**—Ends rounded, November 9, 1899.
- BAYONET SCABBARD HOOK.**—Oscillation limited to 100 degrees, April 17, 1897.
New pattern adopted, July 22, 1899.
- BAYONET SCABBARD MOUTHPIECE.**—Aperture for blade made rectangular, July 15, 1895.
- BOLT.**—About one-fourth of left side of guide rib removed, June 17, 1895.
Slot for securing stud omitted, June 29, 1895.
Length of flat surface on under side of handle increased in Model 1898.
- BUTT PLATE.**—Thickness increased 0.04 inch, toe curved, cap hole and spring lug added in Model 1896.
- BUTT PLATE CAP, CAP PIN, CAP SPRING, AND CAP SPRING SCREW.**—Added in Model 1896.
- BUTT PLATE SCREW, LARGE.**—Head made flat in Model 1896.
- CARRIER.**—Magazine spring lug shortened, March 4, 1895.
Arbor made perpendicular to top and shortened 0.02 inch and distance between lug and bottom side of body decreased 0.02 inch in Model 1898.
Modified to hold up point of first cartridge, November 20, 1899.
- CLEANING ROD.**—Made jointed and inserted in butt of stock in Model 1896.
- COCKING PIECE.**—Made of high instead of low steel, August 1, 1895.
Rear part of lug beveled and locking notch added in Model 1896.
- CUT-OFF.**—Blued instead of spring tempered, July 15, 1895.
Thickness of thumb-piece increased 0.015 inch, and slot for flat spring replaced by spring spindle hole, April 30, 1895.
Flattening of spindle reversed, length of spindle decreased 0.5 inch, rear upper edge of thumb-piece beveled and fillet added at junction of spindle and thumb-piece in Model 1898.
Thumb-piece left bright, December 5, 1898.
Only one side of thumb-piece polished, January, 1900.

CUT-OFF SPRING.—Flat replaced by spiral pattern, April 30, 1895.

CUT-OFF SPRING SPINDLE.—Added April 30, 1895.

Length increased 0.013 inch, August 6, 1895.

EJECTOR PIN.—Head rounded and length increased, January 28, 1895.

EXTRACTOR.—Depth of extractor spring pivot hole increased 0.028 inch, September 3, 1895.

Extractor pin lug added in Model 1896.

Fillet added at junction of under side of body and heel, January 25, 1896.

EXTRACTOR PIN.—Added in Model 1896.

EXTRACTOR SCREW.—Replaced by extractor rivet in Model 1896.

FRONT SIGHT STUD.—Width of slot reduced to 0.05 inch in Model 1896.

FRONT SIGHT.—Height of top above axis of bore increased from 0.82 inch to 0.85 inch, June 20, 1894.

Thickness made 0.05 inch throughout and shape of top changed in Model 1896.

Height of top above axis of bore increased from 0.85 inch to 0.975 inch for use with Model 1901 rear sight.

FRONT SIGHT PIN.—Length increased and taper changed in Model 1896.

GATE.—Length of lug reduced 0.0065 inch, April 1, 1895.

Fillet added at junction of lug and hinge, October 8, 1895.

Shape of exterior and interior of front end changed, October 8, 1895.

Curvature of exterior and shape of interior at rear end changed, and bevel on the front part of the interior of the top omitted in the Model 1898.

GUIDE LIP.—Tenon to enter groove in receiver omitted, September 8, 1894.

Thickness increased in Model 1896.

HAND GUARD BODY.—Extended rearward over tenon of receiver and heads of rivets countersunk deeper in Model 1896.

HAND GUARD RIVETS, FRONT AND REAR.—Shortened in 1895.

HAND GUARD SPRINGS.—Crimp omitted in Model 1896.

HINGE BAR HEAD.—Rear right edge rounded, May 11, 1895.

Fillet added at junction of spring and head, June 4, 1895.

Width of lug on spring reduced 0.03 inch, January 30, 1896.

HINGE BAR PIN.—Blued instead of spring tempered, July 15, 1895.

MAIN SPRING.—Length increased from 30½ to 33½ coils in Model 1896.

Weight reduced from 18 to 22 pounds to 16 to 18 pounds in Model 1896.

RAMROD.—Omitted in Model 1896.

RAMROD STOP.—Omitted in Model 1896.

RECEIVER.—Groove for guide lip tenon omitted, September 8, 1894.

Slot for ejector pin head omitted, January 28, 1895.

Walls of trigger heel slot omitted, May 27, 1895.

Depth of cut-off spring spindle recesses increased, October 15, 1895.

Extractor pin notch added in Model 1896.

The following changes were embodied in the Model 1898,
viz:

Cut-off hole reduced 0.5 inch in depth, and position slightly changed.

Width of mortise for side plate tenon increased 0.02 inch.

That part of the bolt handle seat projecting beyond tang omitted.

Outside of right wall over gate beveled.

Bearing for top side of carrier, in carrier arbor cavity, lowered 0.02 inch.

That part of the left wall of the magazine spring channel projecting beyond the bottom wall omitted.

Mark on side of tenon for position of barrel omitted.

Top of carrier arbor ear lowered to project only slightly above top of gate.

Bottom of magazine spring channel made parallel to bottom of magazine.

Fillet in tenon added, July, 1899.

SAFETY LOCK.—Thickness of thumb-piece increased; thumb-piece and spindle made separate, and spring and spring spindle added in Model 1896.

SAFETY LOCK SPINDLE.—Depth of safety lock pin groove in Model 1892 reduced (see sleeve). The spindle with deep groove is known as Model 1892; second pattern, and with the shallow groove as Model 1892, third pattern.

SAFETY LOCK PIN.—Omitted in Model 1896.

SEAR.—Made of low instead of high steel, October 25, 1895.

Nose shortened 0.005 inch, November 26, 1895.

SEAR SPRING.—Size of wire changed from 0.041 inch to 0.047 inch, November 21, 1898.

SIDE PLATE.—Hole for ejector pin head added, January 28, 1895.

Thickness of upper half increased and cartridge rib lengthened in Model 1896.

Thickness of tenon increased 0.02 inch in Model 1898.

Polishing inside stopped, November 28, 1898.

Rear upper corner rounded, May 5, 1899.

SIDE PLATE SCREW.—Shortened in length one thread, June 1, 1894.

SLEEVE.—Safety lock pin hole raised 0.03 inch, October 22, 1894.
The sleeve with low safety lock pin hole is known as Model 1892, first pattern, and with high hole as Model 1892, second pattern.

Securing stud and rivet omitted, June 29, 1895.

Knurling omitted, June 15, 1895.

The following changes were embodied in the Model 1896,
viz:

Safety lock pin hole omitted.

Front end of barrel shortened 0.0345 inch.

Thickness of extractor arm reduced 0.035 inch.

Countersink for screw head omitted, and lower part of rivet hole countersunk for rivet head.

Groove with a recess at each end added for safety lock spring spindle.

STOCK.—Changes embodied in model 1896:

Small enlarged.

Toe rounded.

Two holes, 1 inch in diameter, to decrease the weight, and three small holes for cleaning rod drilled in butt.

Oiler seat cut between large holes.

Channels cut under barrel to decrease the weight.

Ramrod groove and stop slot omitted.

Bolt handle seat changed in Model 1898.

Size of cleaning rod holes changed from 0.22 inch to 0.24 inch, November 21, 1898.

STRIKER. Point rounded, December 2, 1895.

TRIGGER.—Case-hardened in water instead of oil, April 2, 1894.

Case-hardened in oil instead of water, November 21, 1898.

Width of sear slot changed from 0.24 inch to 0.25 inch, November 21, 1898.

TRIGGER PIN.—Length reduced 0.045 inch, November 15, 1895.

UPPER BAND.—Middle portion over barrel removed, August 16, 1894.

Bushing for ramrod omitted in Model 1896.

NOTE.—All guns of Models of 1892 have been or are being converted to Model of 1896. In the Model 1898, and all rifles and carbines since made, that part of the bolt handle seat projecting beyond the exterior wall of the receiver has been omitted, and the seat for the bolt handle in the stock correspondingly reduced in size.

THE RIFLE.

COMPONENT PARTS, EXCLUSIVE OF REAR SIGHT.

(Eighty-seven in number.)

| | |
|-----------------------------------|------------------------------|
| Barrel: | Front Sight. |
| Barrel. | Front Sight Pin. |
| Front Sight Stud. | Gate. |
| Bolt. | Guard. |
| Butt Plate. | Guard Screw, front. |
| Butt Plate Cap. | Guard Screw, rear. |
| Butt Plate Cap Pin. | Hand Guard: |
| Butt Plate Cap Spring. | Hand Guard Body. |
| Butt Plate Cap Spring Screw. | Hand Guard Rivets, front (2) |
| Butt Plate Screw, large. | Hand Guard Rivets, rear (2). |
| Butt Plate Screw, small. | Hand Guard Spring, front. |
| Butt Swivel. | Hand Guard Spring, rear. |
| Butt Swivel Pin. | Hinge Bar: |
| Butt Swivel Plate. | Hinge Bar Head. |
| Butt Swivel Plate Screws (2). | Hinge Bar Pin. |
| Carrier. | Lower Band. |
| Cleaning Rod, 1st section. | Lower Band Pin. |
| Cleaning Rod, 2d and 3d sections. | Lower Band Swivel. |
| Cut-off. | Lower Band Swivel Screw. |
| Cut-off Spring. | Magazine Spring. |
| Cut-off Spring Spindle. | Main Spring. |
| Ejector. | Receiver: |
| Ejector Pin. | Receiver. |
| Extractor. | Guide Lip. |
| Extractor Pin. | Guide Lip Rivet. |
| Extractor Rivet. | Safety Lock: |
| Extractor Spring. | Safety Lock Spindle. |
| Firing Pin: | Safety Lock Spring. |
| Cocking piece. | Safety Lock Spring Spindle. |
| Firing Pin Rod. | Safety Lock Thumb Piece. |
| Follower. | Sear. |
| Follower Pin. | Sear Spring. |