Safe ownership is your responsibility. Please thoroughly read and understand this manual before loading your firearm.

Keep firearms and ammunition away from children. Lock unloaded firearms and ammunition securely in separate locations.

Savage Arms recommends the use of good quality high velocity factory manufactured ammunition.

INSTRUCTION MANUAL

BOLT ACTION RIMFIRE: TARGET SERIES
MARK I .22 S.L., L.R.
MARK II .22 L.R.

(Illustration Booklet only)

IMPORTANT! DO NOT ATTEMPT TO LOAD AND SHOOT YOUR RIFLE UNTIL YOU HAVE THOROUGHLY READ THIS INSTRUCTION MANUAL AND ARE FULLY FAMILIAR WITH ITS CONTENTS

www.savagearms.com
Directions For Care, Attaching and Adjusting of WILLIAMS FP RECEIVER SIGHT

CARE

The Williams FP Receiver Sight is made of the highest grade alloy obtainable. Lubrication of the sight is just as important as the rifle. By removing the windage and elevation lock screws. (No. 1 on the diagram), a drop of oil in each of the holes and replacement of the locking screws will force oil through all working parts.

ATTACHING

Mounting screws are 6-48 in most models and the proper drill for this tap is the No. 31. Whenever possible, manufacturers’ mounting screw holes are utilized for installation. On some models, it is necessary to drill and tap. In any case, remove the upper portion of the FP from the base by the following manner.

Ease off elevation and windage locking screws and angular locking bushing screw (Figs. 1 and 2)

CAUTION: NO. 1 SCREWS SHOULD BE BACKED OFF 1/4 TURN ONLY. THIS IS ALL THAT IS NECESSARY TO ALLOW ELEVATION AND WINDAGE SCREWS TO BE UNLOCKED. TURNING THESE SCREWS MORE THAN ONE TURN MAY DISENGAGE THE ELEVATION AND WINDAGE SCREWS MAKING IT POSSIBLE TO ADJUST UNTIL NO. 1 SCREWS ARE RESTORED TO PROPER POSITION. THESE LOCK SCREWS ARE PRECISION MADE. IT IS NOT NECESSARY TO APPLY EXCESSIVE FORCE TO LOCK WINDAGE AND ELEVATION SOLID.

Turn the elevation screw counter-clockwise until the top portion of the sight is separate from the base. Clamp the base of the sight in its proper position on the receiver of the rifle, then mark the position of the front screw hole (if rifle is already drilled and tapped, this is not necessary) deeply with a sharp center punch to prevent the drill position from creeping, then drill with No. 31 drill and tap with 6-48 tap. Lubricate the tap well and turn about one-quarter turn at a time, backing up often to allow the lubricant to reach the cutting edge of the tap. Fasten the sight base to the receiver by this one screw and recheck for position. Mark the rear screw hole position, remove the base, mark and drill and tap as before, then reassemble the sight. It is well to use locite on the attaching screw threads; this will prevent any chance of the screw becoming loosened.

ADJUSTING

To lower the point of impact, turn the elevation adjustment screw to the right, or clockwise. To raise the shot, turn the knob to the left, or counter-clockwise. To move the point of impact to the left turn the windage adjustment screw to the right, or clockwise. To move the shot to the right, turn the screw to the left, or counter-clockwise. For sight installed on the right hand side, the windage adjustment is reversed. Adjustments are micrometer, approximately one-quarter minute (determined by sighting radius). Set both elevation and windage locking screws up tight and set the angular locking bushing screw.
Aperture Selection

Unscrew counter-clockwise to remove to insert the aperture.

FIGURE 1
Elevation and Windage Locking Screws

FIGURE 2
Angular Locking Bushing Screw

Front and Rear Sights

For warranty or replacement parts contact

Williams Gun Sight Company
“On the Range”
7389 Lapeer Rd.
P.O. Box 329
Davison, MI 48423
1-800-530-9028
Fax: (810)658-2140
www.williamsgunsight.com
MARK I Target

PARTS MAY BE ORDERED DIRECTLY FROM
SAVAGE ARMS [PHONE 413-568-7001]
BETWEEN THE HOURS OF 9:00 AND 3:30
(EASTERN STANDARD TIME). THERE IS A
MINIMUM ORDER AND PLEASE ALLOW 2
WEEKS FOR DELIVERY.

PLEASE BE ADVISED THAT SOME PARTS
MAY REQUIRE FITTING. SAVAGE ARMS
BEARS NO RESPONSIBILITY FOR THE
FUNCTION OR PERFORMANCE OF ANY
FIREFRAM THAT HAS BEEN REPAIRED OR
MODIFIED BY OTHER THAN SAVAGE ARMS
SERVICE DEPARTMENT. AS SUCH, SAVAGE
ARMS ACCEPTS NO RESPONSIBILITY/ LIABILITY FOR ANY DIRECT AND/OR
CONSEQUENTIAL DAMAGE AND/OR INJURY
RESULTING FROM THE USE OF A FIREFRAM
REPAIRED OR MODIFIED BY OTHER THAN
THE SAVAGE ARMS SERVICE DEPARTMENT.

# Description
1  Front globe sight
1A Front sight base
2  Rear peep sight
2A Sight mounting adapter
4  Feed ramp
*5 Bolt assembly RH
6  Firing pin
7  Extractor RH
8  Cartridge guide RH
9  Extractor spring clip
10 Front stud
10A Stock assembly stud
11 Receiver pin
12 Bolt guide RH
13 Spacer washer (2 req'd)
14 Trigger/mag housing screw
15 Lock washer (2 req'd)
16 Trigger assembly RH
17 Rear stud
18 Target
   Stock synthetic RH
20 Mag plate screw
21 Stock assembly screw (2 req'd)
*22 Barrel/receiver assembly RH - Target
23 Mag plate

* RESTRICTED TO FACTORY INSTALLATION ONLY
NOTE:
Front and Rear Sights by
Williams Gun Sight Company
MARK II Target

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* RESTRICTED TO FACTORY INSTALLATION ONLY
NOTE:
Front and Rear Sights by
Williams Gun Sight Company

MARK II

Not To Scale
WARNING

Children are attracted to and can operate firearms that can cause severe injury or death. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

ADVERTENCIA

A los niños los atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarseles lesiones graves y la muerte. Evite que los niños tengan acceso a las armas de fuego guardándolas siempre con llave y descargadas cuando no las esté utilizando. Si usted tiene un arma de fuego cargada en un lugar en que un niño tiene acceso a ella y la usa indebidamente, le pueden dar una multa o enviarlo a la carcel.

Savage Arms
The Definition of Accuracy

100 Springdale Road
Westfield, Massachusetts
USA 01085

248 Water Street
P.O. Box 1240
Lakefield, Ontario
CANADA K0L 2H0

www.savagearms.com