

Lyman[®]



AccuSight[™]

**Handgun Sight Tool
Instruction Manual**

SAVE THESE INSTRUCTIONS



Important Information Read First



- Attempting to replace or adjust handgun sights can be difficult.
- If you are not comfortable using the Lyman AccuSight Handgun Sight Tool to replace or adjust your handgun sights, you should have a qualified gunsmith perform these operations.
- Always wear safety glasses
- The Lyman AccuSight Tool has the capability of applying large amounts of force to components, this can cause the components to be permanently damaged or deformed if used incorrectly.
- Follow all safe firearms handling rules whenever you are trying to make modifications to firearms.

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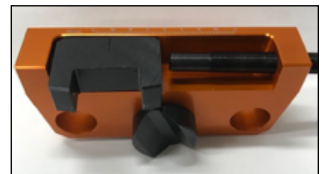
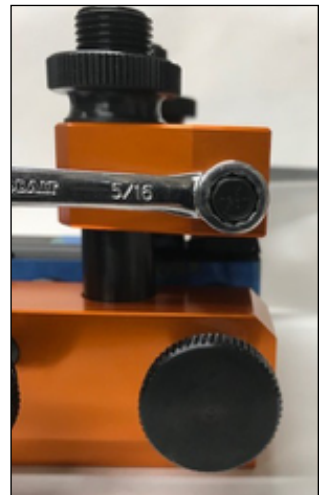
Section I: Set Up for Non-1911 Type Pistols

Section II: Set Up for 1911 Type Pistols

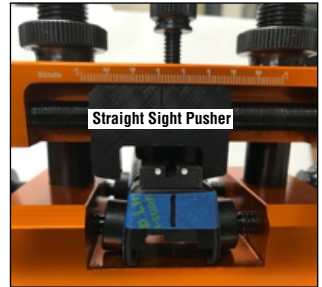
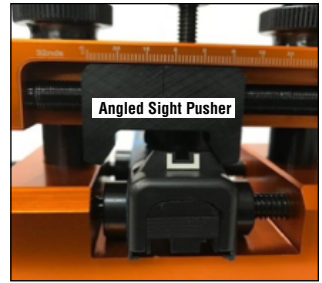
The AccuSight is supplied with two sight pusher blocks, one straight and one angled. The straight pusher block is installed at the factory. Make sure that you are using the correct pusher for the style of sights you are adjusting or installing. Using the incorrect pusher block could cause damage to the sight.

To install the angled pusher block, follow these steps.

- a. Place a 5/16" wrench onto to the Adjustment Screw Retaining Screw and place the Adjustment Handle onto the Adjustment Screw.
- b. While holding the 5/16" wrench rotate the Adjustment Handle counterclockwise to loosen the Adjustment Screw Retaining Screw.
- c. Remove the Adjustment Screw Retaining Screw and two washers.



- d. Rotate the Adjustment Handle counter-clockwise until the pusher block has fully unthreaded from the Adjustment Screw.
- e. Remove the straight pusher and install the angled pusher by rotating the Adjustment Handle clockwise to thread the pusher onto the Adjustment Screw.
- f. Once the angled pusher has been threaded on you can reinstall the Adjustment Screw Retaining screw. Bronze thrust washer goes on first, followed by steel washer. Tighten Retaining screw.



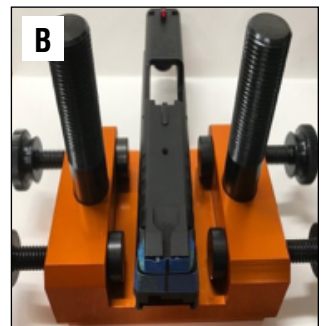
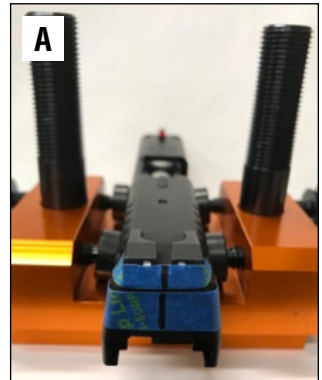
Section I

Setting up and using the Lyman AccuSight Handgun Sight Tool for Non-1911 Type Pistols

1. Remove slide from pistol. Remove recoil spring/guide rod and barrel.

 **Slide MUST be removed from frame prior to using tool, failure to do so may result in damage to the frame.**

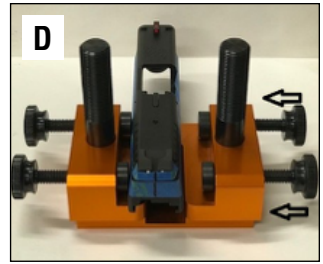
2. Use tape and a marker to mark the current position of the sight relative to the pistols slide. Photo A.
3. Make sure all the side clamps are fully retracted and then place the slide onto the bottom assembly with the flat part of the bottom assembly facing you. Photo B.



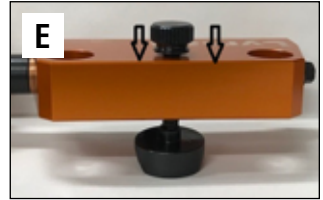
Helpful Hint

The side clamps are made of steel, you should protect your slide with a layer of tape. Photo C.

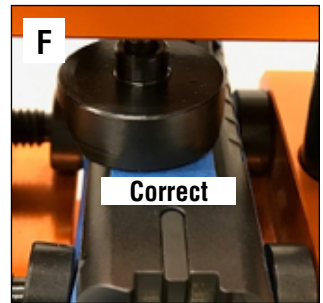
4. Place the slide into the bottom assembly and push it all the way to the side wall in the direction you plan on pushing the sight. Then turn the opposite sides clamping knobs to loosely clamp the slide in place. Photo D.



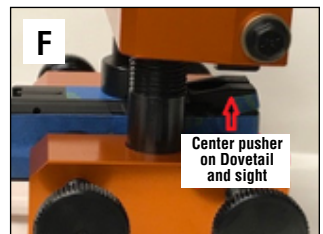
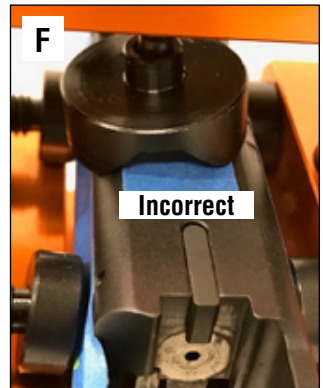
5. Take the top carriage assembly and fully lower the height adjustment screw. Photo E.



6. Place the top carriage assembly onto the bottom assembly, making sure the FLATS of the height adjustment screw are contacting the top of the slide. The cut out portion of the height adjustment screw is used for 1911 type pistols. Photo F.



7. Rotate the sight tool sideways so you can see the sight and dovetail. Move the slide back and forth to align the pusher block with the center of the sight and dovetail. Tighten the side clamps, DO NOT overtighten the side clamps. Use only hand pressure to firmly clamp the slide into place. Photo F.



Once you have the slide positioned correctly, and the sight pusher block set to the correct height, thread on the two hold down knobs and hand tighten. **DO NOT OVERTIGHTEN KNOBS!!**

Recheck the slide and pusher block alignment. Once you are satisfied with your settings start to rotate the Adjustment Handle so that the pusher block moves in the direction you want the sight to move.

Some sights can be stuck or require extra force in order to get the sight to move. If at any time the sight pusher block dramatically twists, STOP FURTHER ADJUSTMENT.

If the pusher block is not vertical, you may have to tap the bottom corner of the pusher block with a punch and hammer in the direction the sight is being moved.

DO NOT apply excessive force to the Adjustment Handle this may cause damage to the AccuSight Tool or your sights.

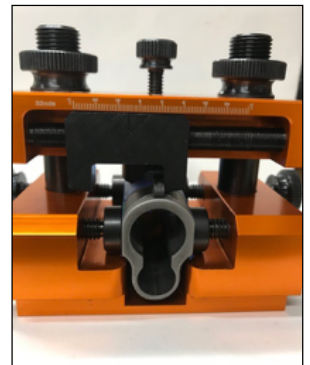
Once you have the sight moving, you can utilize the hash marks located on the front of the Top Carriage Assembly as a guide. Each hashmark represents 1/32”.

Section II

1911 Type pistols

When installing sights onto 1911 type pistols or any other pistol that has a slide profile like a 1911, you will want to use the notched area of the Height Adjustment Clamp. The notch will fit the contour of your 1911 slide.

When installing front sights on a 1911 type pistol you want to use the cut-out portion of the Bottom Assembly Block. Shown here.



When you have your 1911 slide set correctly in the AccuSight Tool, you then follow steps A thru F to adjust or install sights on your 1911 type pistol.

!! Important !!

Most sights are installed from left to right, meaning the left side would be the side of the pistol if you were holding the pistol to fire. Point of impact adjustments can be made in either direction as needed.

When you are finished adjusting or installing the sights, turn the Adjustment Handle in the opposite direction to relieve the pressure on the sight.

Loosen and remove the two Hold Down Knobs on the Top Carriage Assembly.

Remove the Top Carriage Assembly and loosen the Side Adjustment Knobs and remove the pistol slide from the AccuSight Tool.

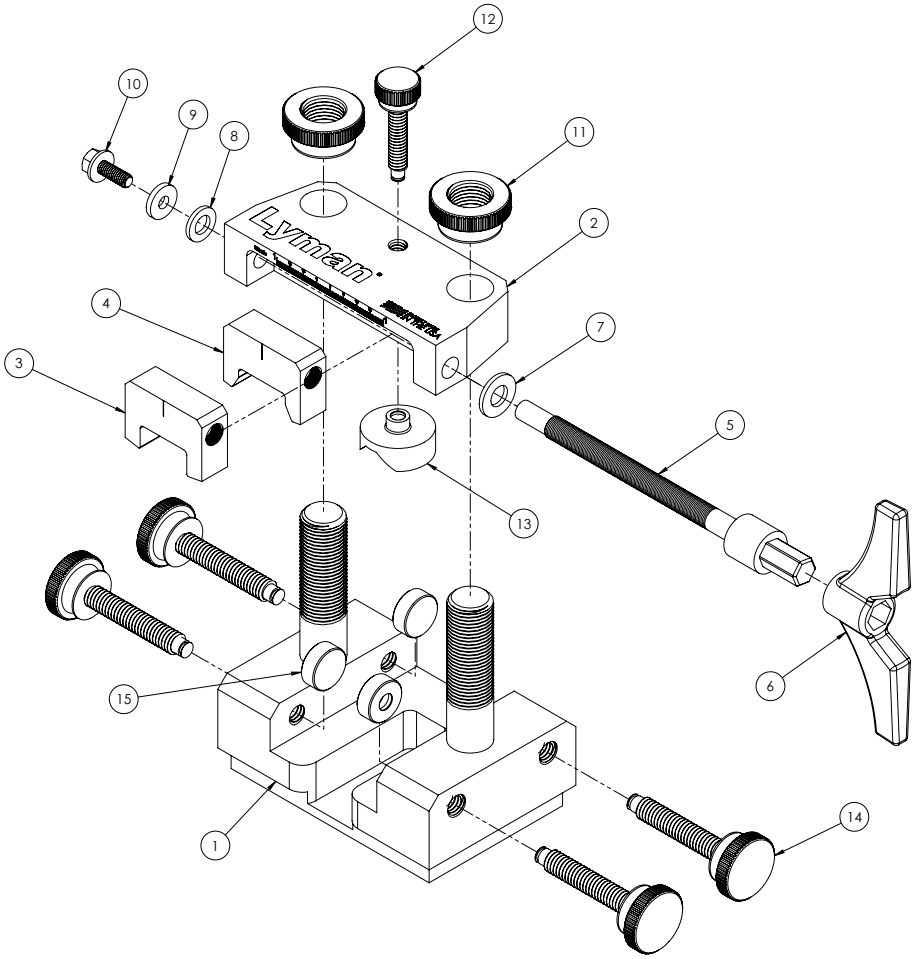
Reinstall or tighten any set screws that hold the sight in place. Reassemble the pistol and function check prior to firing.

If you are removing the sights, contact the manufacturer for the preferred installation/removal direction.



Below are some examples of sight install/removal directions of some of the larger manufacturers.

- Glock- Either direction
- Smith and Wesson- Install right to left
- Dan Wesson- Install right to left
- Springfield Armory- Install right to left
- Colt- Install right to left
- CZ- Install left to right



ITEM NO.	PART NO.	DESCRIPTION	QTY
1	7994630	BASE W/THREADED POSTS	1
2	7994601	UPPER BLOCK	1
3	7994603	STRAIGHT PUSHER	1
4	7994604	ANGLED PUSHER	1
5	7994605	ADJUSTING SHAFT	1
6	7994606P	HANDLE	1
7	7994614P	BRONZE THRUST WASHER, LARGE	1
8	7994615P	BRONZE THRUST WASHER, SMALL	1
9	7994617P	WASHER	1
10	7994616P	10-32 SCREW	1
11	7994607	NUT	2
12	7994632	SLIDE HOLD DOWN STUD	1
13	7994612	SLIDE HOLD DOWN FOOT	1
14	7994631	SLIDE CLAMP STUD	4
15	7994609	SLIDE CLAMP FOOT	4

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- (2) has been altered or repairs have been made or attempted by someone other than authorized factory personnel
- (3) is used commercially
- (4) has been altered or defaced in any way.

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- Rust or corrosion
- Obstructions in barrels
- Finishes or Slides
- Sales of the product to second or subsequent owners
- Items purchased second hand
- Ammunition

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If you are experiencing any problem with this product,

DO NOT RETURN IT TO YOUR RETAILER.

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or if you need help with the instructions,
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or go to our website at www.lymanproducts.com
and click on the Quick Link at the bottom right that says "Contact Us".

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