

P-Sight™ Installation Guide

IMPORTANT: READ ALL STEPS COMPLETELY BEFORE ATTEMPTING TO INSTALL P-SIGHT™

FRAUD ALERT: If anyone other than PS Enhancements or an authorized dealer (see www.PSEenhancements.com/dealers.htm) sold you a sight and distributed these instructions, be advised you have been defrauded. The seller illegally used our copyrighted materials to pass off a cheap counterfeit item as a genuine P-Sight™. Please help us fight this piracy as other victims have by identifying who these sellers are. See www.PSEenhancements.com/fraud.htm for details.

The P-Sight™ is a drop-in rear blade sight for the Kel-Tec P-3AT and P-32 pistols, which mounts into the existing rear sight cavity. It provides a greatly improved sight picture, yet its rounded low profile does not create any snag hazard or detract from the concealability of the pistol. In addition, these pistols tend to shoot low using the factory sights, so the P-Sight™ was designed to bring point of impact up to point of aim at a range of 5 yards.



P-3AT with P-Sight™

This guide shows installation of the P-Sight™ by means of the supplied adhesive, Loctite Black Max® 380. While the P-Sight™ may be installed mechanically by those with gunsmithing skills, such procedures are outside the scope of this guide.

NOTICE: Read all steps of this installation guide before attempting to install the P-Sight™. If you then have any doubts of your ability to successfully install it, you should allow a qualified gunsmith to do so. Installation of the P-Sight™ by any means or person is done solely at the risk of the owner. By attempting installation of the P-Sight™, you assume all responsibility.

INSTALLATION

Before you begin, choose a location which is clean, well-lit, and well-ventilated. A location outdoors is best.

1. UNLOAD YOUR PISTOL, MAKING SURE THERE IS NO ROUND IN THE CHAMBER. DISASSEMBLE THE UNLOADED PISTOL ACCORDING TO ITS MANUAL. PLACE ALL AMMUNITION AND PARTS OF THE PISTOL EXCEPT FOR THE SLIDE IN A SECURE SITE COMPLETELY AWAY FROM WHERE YOU ARE WORKING. THE ONLY PART OF THE PISTOL YOU SHOULD HAVE WITH YOU IS THE SLIDE.

2. Thoroughly clean the interior of the sight cavity, and the bottom of the P-Sight™, making sure both are completely free of oil, dirt, and dust. If the slide itself is dirty, it's best to clean it entirely, to avoid getting oil or shooting residues on your fingers, and thus fouling the P-Sight™ or cavity. Use a good cleaner/degreaser such as Gun Scrubber. Be sure the cleaner itself evaporates completely. You may wish to use a cotton swab as shown in Figure 1 in order to get into the corners of the sight cavity. If you do, be very careful to remove any cotton fibers which remain. NOTE: Optionally, you may very lightly sand the interior of the sight cavity to roughen it for better adhesion. If you do so, you must clean it again by repeating step 2, making sure all particles are gone.



Figure 1. Cleaning.

3. The width of the rear sight cavity on individual pistols may vary, so you must check the fit of the P-Sight™ in yours. Place the P-Sight™ into the cavity with its rounded end forward, notch upward, and resting flat on the bottom interior of the cavity. Try to slide it all the way forward into the cavity. **DO NOT FORCE IT!** If excessive force is used to jam the P-Sight™ in place, it may be damaged, and/or lie crooked in the sight cavity. If it fits too tightly, go to step 4. A snug fit is ideal. A slightly loose fit is acceptable also, as the adhesive will fill the gaps with no problem. A properly fitted P-Sight™ should appear as in Figure 2, with its bottom flat and level. Its rear edge should lie just forward of and straight across the rear of the cavity. Most importantly, the P-Sight's™ notch should lie straight in line with the center of the slide. If there is a bit of looseness, align it to make it straight, while keeping it all the way forward. If your P-Sight™ fits properly, proceed to step 5.



Figure 2. Proper fit.

4. If your P-Sight™ does not fit properly into the sight cavity, you will need to sand its sides. Use a fine sandpaper, such as 400-grit wet/dry paper. Place it on a hard flat surface. As shown in Figure 3, hold the P-Sight™ with its side pressed flat against the sandpaper, and rub it back and forth while applying firm but gentle pressure. It is important to sand it slowly and evenly. After every 3 strokes, turn it over and apply 3 strokes to the other side, so that both sides are sanded equally. After each side has been sanded, blow the dust from the P-Sight™ and go back to step 3 to check its fit. Repeat step 4 as necessary. When the P-Sight™ fits properly, carefully clean all dust particles from the sight cavity and P-Sight™. Swirling the P-Sight™ in a half-full cup of water is an effective way to remove the dust from it. However, you must make sure it is completely dry afterwards. Also, check for and remove any remaining dust, lint, or plastic fibers left from the sanding process.



Figure 3. Sanding left and right sides.

5. You are now ready to install the P-Sight™. Do one final fitting, taking careful note of any adjustments necessary to align the P-Sight™ straight. Make sure the P-Sight™ lies flat down against the bottom of the cavity, and that the fit is right, because once the adhesive is applied it sets very quickly and cannot be removed. After you're satisfied that the P-Sight™ indeed fits properly, remove it. Place the pistol slide lying flat, with the sight cavity easily accessible. Place the P-Sight™ nearby, where you can reach it easily and quickly. It's a good idea to practice fitting the P-Sight™ into its proper final position once or twice as if the adhesive was there.

WARNING: Loctite Black Max® 380 is a toughened form of cyanoacrylate ("Super Glue") adhesive. Do not swallow or inhale vapors. Avoid skin and eye contact. This glue bonds skin in seconds! Make sure that you use this glue with adequate ventilation. If you do get this glue in your eyes, seek the attention of a physician immediately. If eye is bonded shut, do not attempt to force open! See additional warnings and information on the tube of adhesive. Wearing surgical gloves and safety glasses is highly recommended for this step to help prevent skin and eye contact.

6. Have a paper towel handy as a means of wiping off any drips or excess adhesive. Unscrew the round cap from the tube of adhesive. This will take with it the long applicator with its cap, and will expose the sealed end of the tube. Carefully pierce the foil seal with a small nail or pin, making sure you're not squeezing the tube. Replace the cap.

7. Unscrew the long cone-shaped cap covering the applicator. With the applicator pointed up, very gently squeeze the tube until you see the black adhesive within rise near the tip of the applicator.

ONLY ONE DROP OF ADHESIVE IS NECESSARY TO MOUNT THE P-SIGHT™. EXCESS ADHESIVE WILL ONLY CAUSE PROBLEMS BY GETTING ON YOUR SLIDE. THE ADHESIVE IS VERY THIN AND RUNNY, SO ALMOST NO SQUEEZING IS REQUIRED FOR IT TO COME OUT OF THE APPLICATOR TIP. ALSO, THE ADHESIVE SETS VERY QUICKLY, SO MAKE SURE EVERYTHING YOU NEED IS IN ITS PLACE, AND THAT YOU ARE READY, BEFORE APPLYING THE ADHESIVE IN STEP 8.



Figure 4. Initial application of adhesive.



Figure 5. Spreading adhesive evenly.



Figure 6. Ready to install P-Sight™.

8. Being careful not to squeeze the tube, place the applicator tip against the flat bottom of the sight cavity, near the front (rounded) end, as shown in figure 4. Put a small drop of adhesive onto the bottom surface of the cavity, then use the applicator tip to spread it. A toothpick can also be used. The adhesive must cover the bottom and sides of the cavity in a thin but uniform layer. If it forms a pool, then it is too much, and you'll have to deal with excess adhesive later. You don't need to spread the adhesive all the way to the very back edge of the sight cavity, since you'll recall that the sight rests slightly forward of the edge when installed. In order to coat the sides of the sight cavity, you may need to pick up the slide and turn it sideways, as shown in figure 5.

9. Once you have a thin uniform coating of adhesive covering the bottom and sides of the sight cavity, as shown in figure 6, quickly replace the cap and put the tube down. Pick up the P-Sight™ and slide it into place as you did for the final fitting in step 5. The adhesive will set very quickly, so any small adjustments must be done immediately. **TAKE CARE NOT TO GET ADHESIVE ON YOUR SKIN.**

10. Make sure the P-Sight™ stays in place for 2 minutes. It is during this time that any excess adhesive should be wiped off. However, do not allow the P-Sight™ to move from its position. Hopefully, you don't have any excess adhesive to deal with, so it won't be a problem. After 2 minutes, make sure the adhesive is dry.



Sight picture with P-Sight™ installed.

11. Congratulations! Your P-Sight™ is now installed. You may carry your pistol normally. However, unless needed for self-defense, you should wait 5 days before firing it, which is the manufacturer's recommended time for allowing the adhesive to fully cure. While the P-Sight™ and adhesive are resistant to most solvents, do not excessively expose it to solvents while cleaning your pistol. Prolonged exposure may weaken the adhesive. **ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING YOUR PISTOL!**



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