

INST. #7

Dovetail Front Sight Removal

1. UNLOAD PISTOL and VERIFY CHAMBER is EMPTY! (Pull slide back, LOOK INTO THE CHAMBER, and make sure there is not a bullet in the chamber).
2. Remove the slide from the frame, and work with just the slide. Clamp the slide in a padded vise.
3. Look for the pin through the old front sight and remove (push out) if present. Use small punch if necessary.
4. Using the included ALUMINUM punch, to knock out the front sight, tap sight on either side of the dovetail. It will move easier one way than the other (usually the side it was installed in). Install new sight from same direction.
5. Check for and remove any burrs with a small "fine" metal file. Remove any Loctite residue with alcohol. Use a wooden scraper if needed.

Front Sight Installation

Note: Due to the variations in manufacturing dimensions of dovetails, your DP sight could be slightly oversized for your pistol and may require sight fitting. Sights that are fitted properly are approximately .001 greater in size than the slide dovetail cut. The .001 increase allows for a snug fit while being pressed or tapped in.

Material can easily be removed for proper fit but it cannot be added. Manufacturers will always have variations in dovetails more than the .001 tolerance needed for a proper fit. Dawson Precision chooses to use the largest of these measurements as the basis for our sight dimensions to insure our sights have an adequate width dovetail to fit any variation in the pistol manufacturer's dovetails.

1. UNLOAD PISTOL and VERIFY CHAMBER is EMPTY! (Pull slide back, LOOK INTO CHAMBER, and make sure there is not a cartridge in the chamber.)
2. TRIAL fit the new sight with oil on dovetail.
3. If sight goes in 1/3 of the way and then becomes tight, proceed to Step 5. If sight does not go in 1/3 of the way easily, simply file on the front angle of the sight's dovetail until it starts about 1/3 into the slide dovetail. Perform this process gradually; do not over file.
4. Repeat Step 2. If sight does not fit, remove a little more as stated in Step 3. If sight fits, proceed to Step 5.
5. Remove, degrease, clean with alcohol. Apply Loctite and re-insert sight to center of slide. Remove any excess Loctite.

TO DETERMINE EXACT CENTERING OF SIGHT: Lay slide on flat surface. Using calipers, measure the distance from the flat surface to the side of the sight. Turn over and repeat. Move sight 1/2 the difference, if any.