

Installation instructions for Nikon back door latch retrofit, N4004 through N6006 series cameras



Read all the instructions before beginning, this procedure requires extreme care to ensure that parts are aligned correctly!

Step 1. Using a small phillips or cross-point screwdriver, remove the screws from the baseplate and battery chamber. Carefully note the location of each screw, as they are different in size. Lift the baseplate on the side where the door hinges and remove the back door entirely (see fig. 1).

Step 2. Note the position of the pressure plate on the back door with the notch on the top. Carefully lift the left edge of the pressure plate (see fig. 2) until the two left clips are free.



Fig. 2 start removing the pressure plate

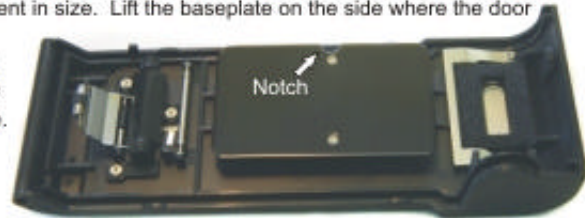


Fig. 1 back door has been removed from camera

Step 3. The right side of the pressure plate is held on by one straight clip and one angled clip. By rotating the pressure plate clockwise the two clips will be freed from the back door shell (See fig. 3). The plate is removed to protect the surface from scratches and to provide room to work during the installation of the latch.



Fig. 3. Rotate pressure plate clockwise to remove.

Step 4. Look at the latch. The broken portion will need to be removed flush with the base of the latch for the new part to fit (see fig. 4).



Fig. 4. The portion above the dotted line must be removed

Step 5. Using a sharp hobby knife, score a line across the latch even with its base. (See fig. 5).

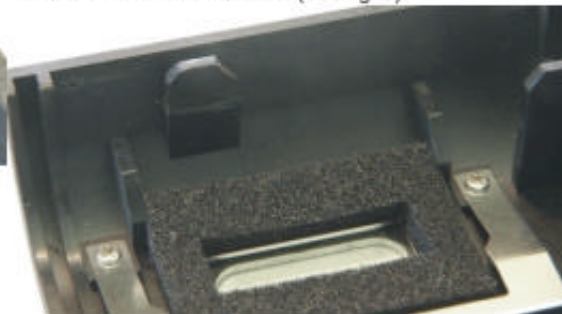


Fig. 5 Score a line across the latch even with its base

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Step 6. Once the line has been scored, the latch can be snapped off with your fingers. Use the hobby knife to trim the latch exactly flush with its base (see fig. 6).

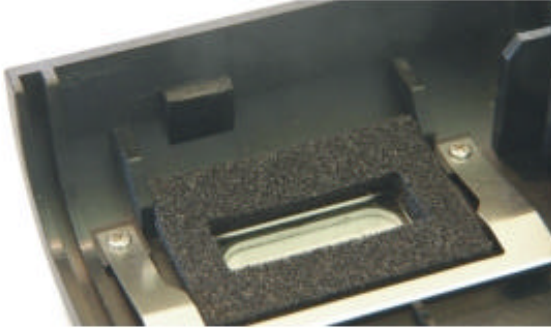


Fig. 6 Latch is trimmed exactly flush with its base



Fig. 7. Adhesive

Step 7. Next, take the new latch and bond it to the latch base using contact cement or similar adhesive (see fig 7). Follow the adhesive manufacturer's instructions and clamp if necessary. Allow the bond to set completely. The top of the new latch should be parallel to and about even with the edge of the door (see fig. 8).
Step 8. Use a pin vise or similar tool (see fig. 9) with a #56 (.046 inch) drill bit to drill a hole for the screw. Drill in the center of the hole in the latch. Be sure to drill deep enough for the screw, but not all the way through the door!



Fig. 8. New latch is glued to the base of the old latch



Fig. 9. Pin vise and #56 drill bit

Step 9. Fasten the screw to the back door (see fig. 10). Do not over-tighten the screw or it may strip out the hole.

Step 10. Re-attach the pressure plate in the reverse manner from which it was removed. Re-install the back door and replace all the screws that were removed in step 1. Door should now latch properly.



Fig. 10 latch installation complete