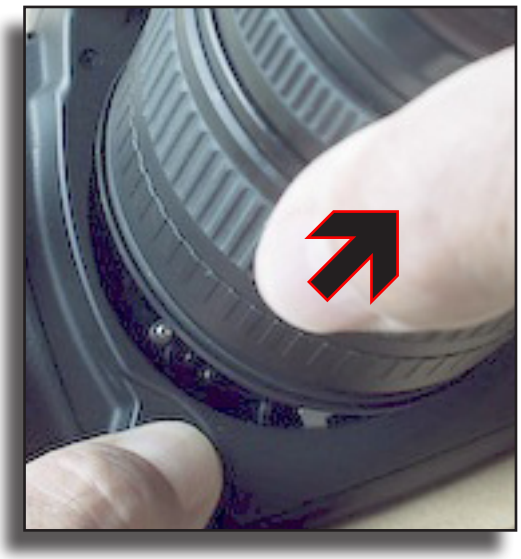
To do the mount replacement ,the old SA mount needs to be removed first. To do this you will need a **Phillips** Screwdriver number 00 or better yet, a complete set of **Jeweller's** screw drivers. You will also need a small tweezer , a small plastic container ,to keep all screws and parts , and a needle.

Use the needle to pick out the red dot that covers the top screw, then remove all the screws that hold the mount in place and put them in the small container. You are going to **use them** to install the Mount Replacement Kit.

NOTE: It is best to unscrew them in a cross way fashion , one turn at a time . The tweezer will help to pick and move the screws to the bin



Carefully now, with the camera on its back , preferably inside an empty shoe box padded with some soft cloth, place a Sigma SA lens in the mount and rotate it until it locks, (Most people have a lens , if you don't, try using the Body Cap) .

Press the lens release button ,with your left hand, and hold it there . With your right hand ,gently force the top of the lens in a diagonal, away from the button. You will see that it starts to come of the left side or maybe it will come off entirely. If needed move it, back and forth ,until it does. All is holding it in place now is the rubber seal around the edge. At one point the lens will come free and the seal most likely will come off too. Observe the way the seal sits on the body , you will have to reinstall it later .

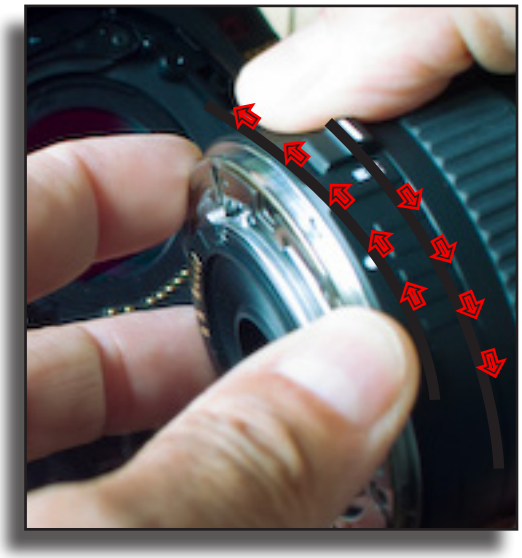
At this point you should have a clear , unimpeded view of the inside of the camera.

As you can see it is quite spacious so the next steps that makes up the installation of the Replacement mount should feel comfortable to you.

Since the Dust Filter is in place , nothing can fall into the Mirror box compartment , however small screws could still fall through , into the sides of the body , so the next steps should be done carefully in an unhurried way.

Read the entire guide before actually going through the steps.

SIGMA SD14 NIKON F MOUNT REPLACEMENT INSTRUCTIONS ②



In the next step we are going to separate the old mount from the lens.

Grab the mount side of the lens ,with your Left hand ,and the lens itself with your right hand.

Rotate your hands as indicated to remove the old mount from the lens .If you are careful it should stay in your left hand

The old Mount group is typically composed as you see in the picture . It normally has ,from right to left ;

- The Bayonet Face Plate
- The Standard Spacer
- One or more, adjustment spacers (For Infinity focus Adjustment)
- The Bayonet **Spring Plate.**

NOTE: The Adjustment spacers can vary in number and in thickness Their purpose is to compensate for batch to batch differences of the Face Plate that is Pressure Cast instead of machined. You don't need them. The new mount is Lathed and Milled to a precision of .05 mm and replaces all the adjustment spacers. But it does require the presence of the **Spring Plate.**

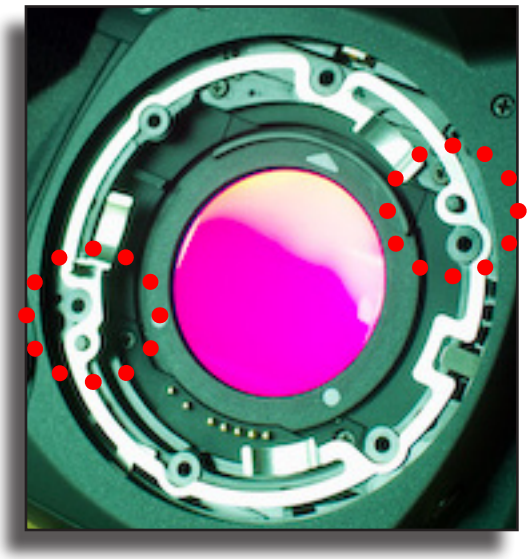
With your right hand , remove everything ,but the last one , the Spring Plate is the only component that will be reinstalled on the body. (Save the rest for an eventual reinstallation .)

The Spring Plate should be keeping the orientation it had when you removed it.

If it doesn't look like you see on the left you might have to rotate it , one way or the other, until you have the SQUARE CUTOUT on the 3 o'clock position as shown in the Red Circle, left.

This is the way that it will have to be reinstalled on the camera

SIGMA SD14 NIKON F MOUNT REPLACEMENT INSTRUCTIONS ③



This is a very important step on the installation , the infinity focus will depend on you doing it successfully.

Please study the two key points that are highlighted in red and magnified in the following two images.

The Plate has a lot of ROUND cutouts that go around the holes for the mounting screws , and one SQUARE cutout .

Most importantly it only has two **HOLES** that are there to ensure **right positioning**. Those two holes are to be placed in the two **Positioning Pegs**, as shown in red.

In this image ,of the left side, you can see one of the Pegs and you can also see the **Button Release Pin** , highlighted in red.

This Pin you are going to use it later on as a Positioning Key when you place the new mount into the body. Get familiar with it.

If you are unsure about identifying this pin just press the camera release button on the body and you will see it moving in and out.

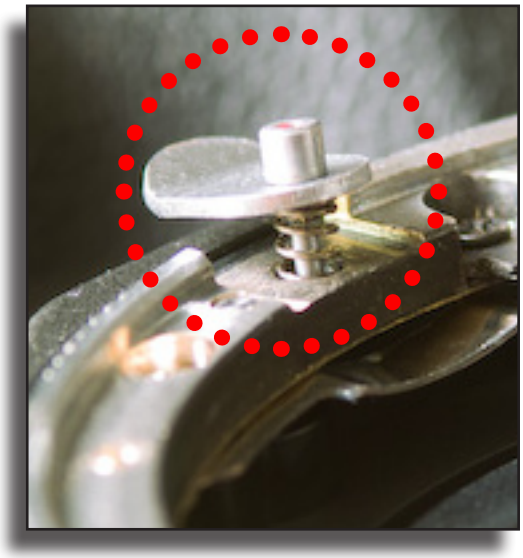
Here you can see the other Positioning Peg and the Square Cutout underneath it.

The only reason that could prevent you from achieving this would be that the plate is upside down. Other than that it is a pretty straight forward matter .

Really if it is facing the right way with the square cut out at the 3 o'clock position it should slip right into position.

If it doesn't , remove the Spring Plate and start again.

SIGMA SD14 NIKON F MOUNT REPLACEMENT INSTRUCTIONS ④



Carefully disassemble the Mount Replacement kit. Please do this **INSIDE A BOX**, since there is a very small **spring**, inside , that goes on the release lever .It is very easy to loose it without even knowing it.

The same goes with those very small screws .

NOTE .- Screws and springs have been my number one supply problem . I have to import them from overseas and at this point I am out of them and waiting for a small shipment.

DON'T LOOSE ANYTHING PLEASE.!!

On the next steps we will be installing the Core of the Mount Replacement kit.

You will need the **original screws** , the screw driver and unless you have a magnetized screw driver like me , you also might need to have a pair of tweezers handy.

After you have disassembled the new mount , still working inside a shoe box , place the new mount core into the body so the **camera button pin** is just opposite the **small hole** ,in the middle of **the only group of three holes**
At this stage you are just presenting the parts to identify the right pins and the right holes

This is just an expanded view to make sure you know what goes where.

The next step will be to lift the Core and move it slightly to the left until the pin goes into the hole.

None of the other holes around it have the right size . It will only fit there.

If you have problems , you are not in the right hole. This parts have been Pre-Tested for Size and have a small clearance , but it is a tight fit.

This are just more views to accommodate the needs of people with different levels of skills . This is not a difficult thing to do but it is complex and full of little details .

Once in the right hole the Core should fit into the positioning pegs . It will do that by itself, if you have found the center and pressed down a bit . No force is required . You will just notice that once in place it will feel secure and will not rotate any-more.

We are getting there . I know that these is an exiting stage because it is beginning to look like you are past the difficul-ties, but it is easy to drop screws and loose them. Again ,Please work inside a box.

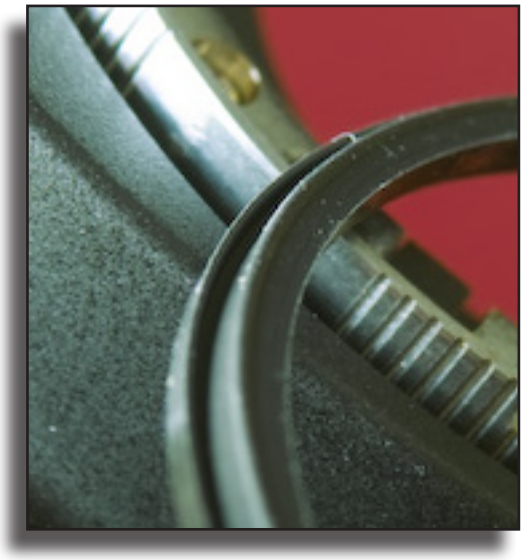
Install the screws in the holes that have a **countersink** . Screw them down a couple of turns and then install one at the oppo-site side and keep going in a **Criss Cross** fashion to make the plate go down **evenly** on all sides.

You will know when you have found the bottom because all screws will be doing it one after the other one . When you feel a firm opposition STOP. They do not require much tightening since these are long screws.

When all screws have reached the bottom they should be well into their recessed holes and look similar to this image.

The next steps are to install the rubber seal around the core , then ,once that is done , the release lever and spring , the cover plate , all screws , and you are done!

Is not a lot more but now you will be working with those tiny parts that are so difficult to grab and so small to see , so I rec-ommend you that you make sure that you have the right tools to continue : A small screwdriver size 00 , a pair of tweezers and a Shoe Box.

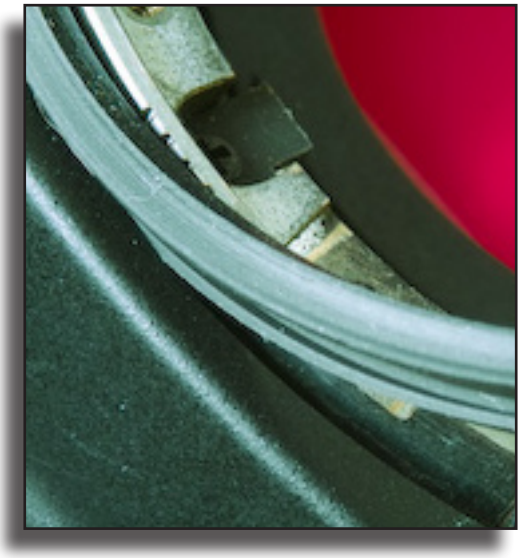


Please observe the shape of the seal edge, as shown .

Place it over the mount as shown and then insert the lower lip into the gap between the mount and the camera body.

It looks like an awkward thing to do , but this seal was originally installed in the camera **before it was assembled** , and I am sure that you wouldn't want to take it apart to do it that way.

Just work your way around with patience and care.



It is not too hard , and soon you will get a feel for it.

The difficult part is when you go all the way around and come full circle. It will seem like it does not want to fit.

At the bottom you will probably have a small bulge and that is when the tweezers will be one of your best friends.

There is not much else that I can tell you about how to do this just have to be patient and work your way around.

The seal has to be installed after the mount , if you install it first , the mount will not go in.

At the end it will look a bit strange , because there is still another stage to it.

You have to bend the seal , forcing it into the gap ,flush with it

Just go around with your finger pushing in ,and down at the same time.

Once you have gone all around ,it will look nice and even.

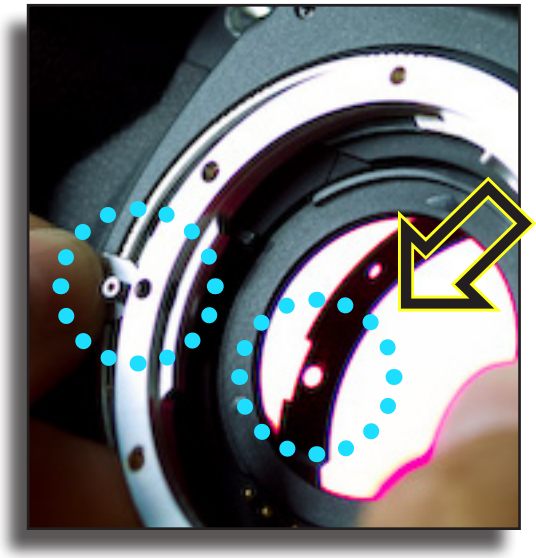
And most importantly , it will keep the dust off.

FACE PLATE INSTALLATION

Carefully place the spring in the hole of the Core , as shown in the image at left.

Please be careful , this spring has a tendency to bounce out and gets lost very easy.

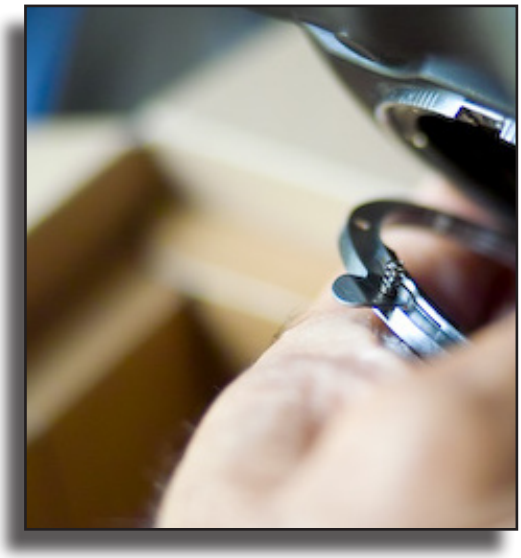
Once you have managed to place it , insert the Release Lever trough it and hold it in place with your left hand as shown in the next image



Grab the Faceplate with your right hand and make sure that the corresponding **Square Cut Out** is next to the Release lever pin as shown.

The **Shadow** is showing the Square cutout that identifies the proper hole where the pin has to go through.

Now just lift the Faceplate and move it to the left ,until you can place it over the pin . It is very easy to drop the Lever and the Spring at this point.



If that happens , or if it proves difficult to you , it might be easier to do it the way shown in the left image , where you hold the faceplate upside down in your left hand and then you lower the inverted camera , over it .

Once you have the Faceplate in the Core , hold it in place with your left hand and install the screws with your right hand , one by one , **one turn at a time** , starting with the one closest to the pin and then the one opposite to it ,and so forth , in a criss cross fashion , one turn at a time until they all start Bottoming out .

At this point **be careful with the tightening** , don't over-do it. It really doesn't need much ,**Finger Tight is all it needs!** Those small screws brake or strip easily . If you feel like it you might add a few drops of **Thread Locking compound** .

Congratulations , You are done!!

Set your camera to **Aperture Priority** (A) ,then press the shutter slightly and rotate the aperture dial to f1.0 .That's it.

You can stop down the lens diaphragm as you need ,for depth of Field . The camera will accommodate the **Shutter Speed** for you.

When you insert a lens this mount requires that you press the **Release Lever** while you install it . Please make sure you read the ***Nikon F Lens Usability List*** , at **Sigma Cum Laude.**

Most normal lenses from 50mm to Telephoto are OK to use . Shorter lenses, some are OK ,some are not. AF lenses will also mount , but will only work Manually.