

WatchbandRenew.com

The Premier Scratch Removal Solution for Fine Watches and Jewelry

****COMPLETELY READ BOTH SIDES OF THIS DOCUMENT BEFORE STARTING****

By using this kit you certify that you have read and understand the process and our 30 day satisfaction guarantee.

Your scratch removal and polishing kit contains a set of six sheets of optical grade polishing cloth, a non-slip work pad, and a Shino rouge cloth. Each sheet is imprinted with a cutting grid and its abrasive grade in microns on the backside, the grades included are: 30, 15, 9, 3, 2, & 1 micron. Simply cut a square or two from each sheet and line them up on your work surface with the printed side up. You will see how handy the system is once you start working on a watch or ring. I recommend taping off areas of your watch or ring that you do not want to scratch such as softer gemstones, mineral glass, AR coated crystals, plexiglas, and plastic watch crystals with a piece of masking tape. **When you refinish an item for the first time you may wish to practice on just a small area, for watch bracelets practice on some spare links if available or on just a small area to see if the result will be satisfactory to you.**

Do not use this kit on items that are plated with other metals (gold, silver, platinum, etc) because you will likely penetrate through the plating which can be as thin as 0.175 microns! (which is the U.S. legal definition to be called "gold electroplate) you would then need to have item re-plated. "White Gold" is often electroplated with Rhodium to enhance its appearance

*The following procedures describe the steps to totally refinish the entire band which should not be needed more than a couple of times a year. **Tip!** If you only have minor scuffs, you may wish to touch up small areas to restore a clean uniform appearance. Small touch ups can be done every month or two to keep the accumulation of scuffs at bay. Use the same methods as described below but only in the heavily scuffed areas such as the area around the clasp. Expect to use 4-6 squares of each grade when refinishing an entire watch bracelet, the finer grade are used up more quickly than the 30 & 15 micron grades. Refills available on www.watchbandrenew.com*

1.) Watches: Set the non-slip work pad down on a hard and flat surface, to lay the watch out flat I recommend removing a spring pin from one end of the clasp to separate the band so the watch may lay flat on the work pad. You may also completely remove the metal band if needed to allow access to all surfaces; leather or crocodile bands should be removed in all instances. Only Brushed or Mirror surfaces may be refinished with this kit. A brushed finish takes just a few minutes, mirrored surfaces require more steps which means additional time

Brushed (Satin) Finish: To create a brushed finish you can start at 30 micron and finish there or go on to the 15 micron depending on whichever level of brushed texture you prefer. For a satin or brushed finish you must ensure that you follow slow straight strokes in a single direction. If the finish lines are not absolutely parallel the final result will be less than pleasing. Try experimenting with a 30 micron followed by the 3, 2, & 1 micron for to give a softer appearance to the brushed satin finish.

Mirror Finish: The starting grade is determined by how deep the scratches or imperfections are on the item being polished. Experience will tell you where to start from; but since this is likely your first time I will suggest you start with a 9 micron square. Carefully examine the scratches on your band, and then work the square along the length of the band for about 20 strokes. Examine the same scratches again; are they being completely blanketed by the satin pattern you've created? If so, then continue until only the satin pattern remains. If there did not appear to be any change or many of the initial scratches remain try another 20 strokes, if you still have not completely covered the initial scuffs and scratches with a satin pattern you need to step up a grade to the 15 micron square. Repeat the same procedure again at 15 micron; does the satin pattern engulf all scratches? If it does not, repeat the process using the 30 micron squares and then follow through with 15 then 9 micron squares. The 30 micron abrasive should be used very conservatively and with a lighter application of pressure.

Perform slow deliberate strokes on the metal surface checking the piece every few strokes until you see the scratches disappear and see only a uniform satin pattern you've created, then stop. Continue to the next finer square and repeat the process until you reach 3 micron. Before starting with the 3 micron I recommend rinsing the metal surface down with water to remove microscopic metal fragments and any loose 30, 15, or 9 micron abrasive particles which may scratch the surface later on in the polishing process.

From 3 micron on down you may use fast bi-directional strokes, I recommend a MINIMUM of 100 strokes of each of the 3, 2, & 1 micron. (*Relax, 100 strokes takes 30 seconds or so*). These finer grades utilize abrasives as tiny as bacteria so the amount of metal being removed is truly microscopic, it will require more strokes before changes are seen with the naked eye. You will see the surface slowly become more and more reflective as it becomes more perfectly smooth. Do not skip any steps and you will find you have produced a spectacular mirror finish!

If you have an item such as a watch band which is comprised of two outer links in brushed satin stainless steel and a center polished link, I recommend the following procedure. If you are doing the entire bracelet, first work the entire surface with either 30 or 15 micron, to the level of brushed finish you prefer. Tape off the two outer links with masking tape then you simply follow the process described in section 1 below. When you have finished remove the tape wipe it down with a soft cloth with a mild detergent and water to remove any residue. See the back side of this sheet for instructions on using the Shino Polishing Cloth to add the finishing touch to your watches metal surfaces.

2.) Bracelets & Rings: The same principles for mirror or satin apply when working on a ring or other metal jewelry. Simply stroke the ring along its circumference using only enough pressure and strokes to remove the scuffs and scratches. Try starting at 9 micron first; start with 15 or 30 micron if you have more severe scratches. Always follow through in descending order down to 1 micron to produce a mirror finish and if you have a Pioneer Shino Cloth you can use it to buff the surface to a deep shine.

The Rubber Work Mat: Do not use the rubber mat on lacquered or urethane surfaces as it may cause damage those surfaces. Place the mat on a clean smooth surface to enable it to hold firmly. If the rubber work mat stops "grabbing" and slips, simply wipe down both sides with a damp cloth and air dry. Do not immerse it in water as it will take a few days to dry and don't wring it out as this may damage the mat.

The abrasives are categorized like this:

30 micron: Removal of moderate to severe scratches and to create a medium grain stainless steel pattern

15 micron: Removal of minor to moderate scratches and to create a fine grain stainless steel pattern

9 micron: Removal of the finest spider web like scratches. Use to polish down the satin pattern left by the 15 micron, polish until the fine satin pattern disappears and a mirror finish emerges.

3, 2, & 1 micron: Final Polishing process, used in succession to reduce any remaining surface imperfections to about 1 micron, use these in a bidirectional back and forth motion. If you don't see any results while using the 3, 2, & 1 micron abrasives it is only because it is happening at a microscopic level, very very tiny amounts metal are being removed. It will take some time for you to see results with the naked eye. However, the end result when virtually all imperfection has been removed is worth the extra few minutes you spend.

To give you a more real sense of just how fine these abrasives are, consider the following:

A Grain of Table Salt	100 microns
Human Hair (Average Diameter)	50-70 microns
A White Blood Cell	25 microns
A Grain of Talcum Powder	10 microns
A Red Blood Cell	8 microns
A Bacteria (Cocci)	2 microns

A note about the Hardness of the abrasives: All of the abrasives in these kits have a Mohs hardness of 9 which is second only to diamond which is a 10. Stainless steel is about a 5.5, Titanium about 4, gold is about 2.5 - 3 depending on alloy. The abrasives will cut and polish just about metal except tungsten (8.5 - 9).

The Shino Rouge cloth: If you purchased a Deluxe Kit it came with a Shino 2 part Jewelers Rouge cloth. The Rouge cloth is really a must have for maintaining any metal jewelry. The burgundy colored cloth is impregnated with an ultra fine jewelers rouge powder. The rouge powder is an extremely fine abrasive which is generally between 0.50 and 0.30 microns in size.

The Shino rouge cloth contains much more rouge than other cloths and will leave powder residue on any surfaces that it makes contact with. Please ensure that you do not make contact clothing and other porous surfaces. You may want to use the Shino cloth on top of an old newspaper to keep things neat.

Firmly wipe down all metal surfaces you want to shine like a mirror with the burgundy cloth; don't rush it, be thorough and take a couple of minutes. Next wipe down the entire metal surface with the cream colored cloth to remove the rouge residue. Once you finish with the rouge cloth will need to gently rinse the watch with water to remove excess rouge powder. Be careful not to drop your watch in the sink and pat dry, don't wipe dry with a paper towel to remove any water.

I was so impressed by the the Pioneer Shino Cloth, I replaced the previous rouge cloth in my kits with it!

You will find your fingers will be a reddened from the rouge, but it easily washes off with soap and water.

The cloth will become soiled over time but this does not decrease its effectiveness. Finally, do not wash the rouge cloth; washing will remove the rouge leaving you with a...cloth. These cloths should last for years and work until worn to shreds.

30 DAY SATISFACTION GUARANTEE:

We take great pride in the products we offer and have tried to anticipate any possible shortcomings to ensure you are completely satisfied with your purchase. However, in the event you are not satisfied for any reason, simply return the item or unused portion of the product for a refund. A full refund of the purchase price from either my eBay store or watchbandrenew.com is the sole extent of any claim that may be requested; your use of the product constitutes acceptance of these terms. This guarantee is available only to the original purchaser and is not transferable to a third party. With misuse or overuse it is possible to damage or devalue your jewelry.

Please email refund requests within 30 days of receipt to service@watchbandrenew.com, refund is less s&h