



# HULL CLARITY RESTORATION KIT

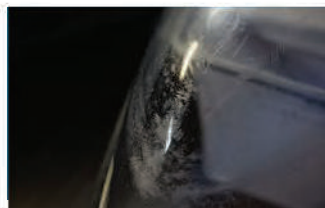
## CONSIDER THE CONDITION OF YOUR HULL:

- This process will not repair moisture, damage, or defects on the inside of the kayak.
- If hull is cloudy and/or scratched, weathering, proceed and use with this process.
- The magic eraser will come in handy to buff out surface scratches.

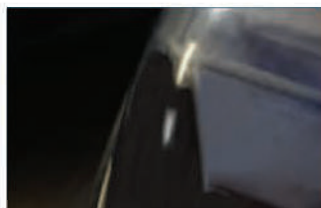
### Note:

Read carefully all cautions on the back panel. Please read, understand, and follow all safety instruction contained in these instructions, prior to use. Retain these instructions for future reference.

How-To-Video available on [www.CrystalKayak.com](http://www.CrystalKayak.com)



BEFORE



AFTER

With the Hull Clarity Restoration Kit, you will use a 1200-1600 rpm drill equipped with a backup pad and sanding discs to remove the abrasive layer from the hull. A higher rpm drill generates excessive heat and can cause damage to the hull. A lower rpm drill does work efficiently for this process. Two sanding steps will follow to refine or reduce the sanding scratches that are made when removing the abrasive layer. Finally, Rubbing Compound and a foam pad will remove the minor scratches and put the clarity on the hull. With the U.V Clear Coat, you will apply after completing the repair.

For more information, visit [www.CrystalKayak.com](http://www.CrystalKayak.com)  
1-888-415-9692

## Kit Includes:

- 1 - Magic Eraser
- 1 - Disc Holder
- 6 - Gold 500 Grit Sanding Discs
- 4 - White 800 Grit Finishing Discs
- 1 - Gray 3000 Grit Refining Disc
- 1 - Rubbing Compound
- 1 - Compound Pad,
- 1 - UV Coating & Clarity Restoration Solution
- Step by Step directions

## You Supply:

- 1 - Standard Household Drill
- 1 - Microfiber Detail Cloth
- Spray bottle and water

## PREPARING THE HULL AND THE DRILL

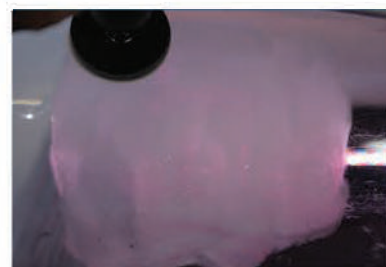
1. Clean the hull using soap and water. Wipe away excess water with a microfiber detail towel.
2. Mount the disc pad holder into the 1200-1600 rpm drill. Follow the drill manufacturer instructions to properly attach the disc pad holder securely into the drill.

## REMOVING ABRASION LAYER AND DEFECTS

3. Attach and center the Gold 500 Grit disc to the disc pad holder.
4. Using medium to light pressure, begin sanding to remove the abrasion and surface defects from the hull. A slow and steady back and forth action will be most effective. Tap often when the disc is clogged or no longer sanding effectively, replace with a new gold disc.
5. Wipe off the hull and inspect to ensure all the abrasions and defects have been completely removed. If abrasions, defects, or portions of the surface coating still exist, continue sanding with the gold discs until they are completely removed.



## BEFORE PROCEEDING TO STEP 6:



**IMPORTANT:** The hull should have a white, evenly sanded surface that appears to look "frosted." If any portion of the hull looks clear or glossy, continue sanding before moving to the next step.  
• *Extra sanding on this step will make the next step easier and improve the final clarity of the hull.*

## REDUCING SAND SCRATCHES

6. Remove the gold disc. Attach and center a White 800 Grit Finishing disc to the disc pad holder. These are the white discs with purple printing on the back.
7. Using medium to light pressure, begin sanding to reduce the scratches from a grit scratch. Once the disc is clogged or no longer sanding effectively, replace with a new white disc. Make several passes over the entire hull to be sure the gold disc scratches from the previous step are reduced to white disc scratches.
8. Wipe the hull, notice the scratches are finer. If any coarse scratches are visible, continue sanding that area with the grit white colored disc until the coarse are reduced.  
• *Extra sanding on this step will make the next step easier and improve the final clarity of the hull.*



9. Remove the white disc. Attach and center a Gray 3000 Grit Refining disc to the disc holder pad.
10. Using a spray bottle, apply enough water to dampen the Gray 3000 Grit Refining disc and the hull surface before sanding. The disc can be used flat against the hull. Using medium to light pressure, begin sanding to reduce the grit scratches. Add a mist of water to the surface if it becomes dry while sanding.
11. On many hulls, a white residual or slurry will build up on the hull indicating you are reducing the sand scratches. Continue with 4-6 passes over the hull **after** you start seeing the white residual or slurry on the hull surface. If the hull does not produce a white slurry, make 12-14 passes on the hull.



• *Extra sanding on this step will make the next step easier and improve the final clarity of the hull.*  
• *Avoid sharp edges or alignment pins on the hull to extend the life of the discs as this one disc will be used for any additional hulls.*

## SANDING TIPS:

- Keep the drill at a slight angle when sanding the hull. This will allow for a smooth and even sanding.
- Maintain a slow, steady, even speed at all times across the hull. Do not hold drill in one place while sanding.
- If you notice buildup on a disc, tap the disc against a damp towel to remove any buildup.
- Be sure to wipe hull clean closely inspecting it between each sanding step will allow you to discover imperfections as soon as they occur.

12. Wipe the hull, you will notice the scratches are much finer and the hull appears somewhat clear. If any coarse scratches are visible, mist the area with water and continue sanding with the Gray 3000 Grit Refining disc.

## COMPOUNDING THE HULL

13. Remove the foam disc. Attach and center the orange foam compounding pad to the disc pad holder.
14. Dispense a dime-size amount of rubbing compound to the orange foam compounding pad. Before turning the drill on, smear the polish with the orange foam pad around the hull. This will reduce spatter. Too much rubbing compound will result in excessive splatter and added clean up. Do not run the foam pad dry.
15. Holding the pad flat on the hull, polish the hull until the cloudy haze is gone and the clarity is significantly improved. If additional clarity is needed or desired, add another dime-sized amount of rubbing compound and continue buffing.  
• *If sanding scratches are still visible on hull, repeat steps, 9-15.*
16. Wipe away any residual spatter from the hull using a microfiber towel.



## PROTECTING THE HULL

16. Apply U.V Clear Coat to a lint-free applicator until the entire edge is wet. Start at the top edge and work down horizontally overlapping your prior pass. Make sure to treat all edges and corners. Apply second coat when completely dry. Average dry time is 20 to 40 minutes depending on humidity. Place in UV light to reduce cure/dry time.