



Paint Scratch Remover Instruction Manual

A) Paint compatibility check:

QUIXX Paint Scratch Remover works with all vehicle paint types except the following 3 cases:

1. Nano paints and ceramic paints:

Please make sure that your vehicle does not have a “scratch resistant” nano paint job or ceramic clear coat. This would, for instance, be the case on many models made by Mercedes-Benz as of 2005 and later. Mercedes cars with such paint jobs are identified by the letter C after the color code, e.g. D40C. In many Mercedes models you can find the color code on the model plate located inside of the engine area. If you have any concerns, you should always ask the manufacturer of your vehicle or a contract dealership. If your vehicle has a nano or ceramic paint job, the only product you can use is QUIXX FINISH #2 and you can only use it to eliminate very minor scratches and traces of paint. Do not use QUIXX REPAIR #1 on nano or ceramic paints under any circumstances and also refrain from using sandpaper.

2. Matte paints:

If you have a vehicle with a matte paint job, you should definitely not use the QUIXX Repair System. The polishing process would not only remove the scratches, but also the matte surface structure of your paint job, which would ultimately leave behind glossy areas in your paint job.

3. Dyed plastic components:

On modern vehicles not all components that look like they have a paint job actually have one. Today, many of these parts (spoilers, etc.) are no longer spray painted, but made from a plastic that has been dyed to match the paint job of the car. Scratches in dyed plastic parts – with a few exceptions – can usually not be removed from the surface without leaving behind marks in the surrounding areas. Consequently, we generally advise car owners not to use the QUIXX Repair System on automotive components that are not spray painted. If you are not certain, which material a certain part is made of, ask your vehicle manufacturer or contract dealership.

B) Application compatibility test:

Before you make attempts to repair scratches, test the entire QUIXX Repair System (sand paper, REPAIR #1 and FINISH #2) in a concealed place (for instance on the inside door panel or inside the trunk fold) to ensure compatibility with your vehicle's paint job. To do so, follow the instructions given in the Scratch Removal Process Chart (D).

C) Determination of the scratch depth and the paint layers that are damaged:

1. Finger nail test:

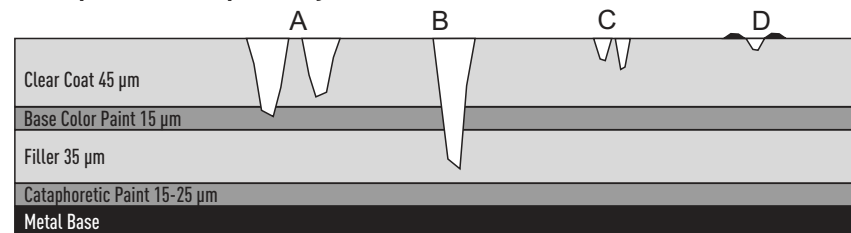
Run your finger nail alongside the scratch in a vertical direction. If your finger nail does not get stuck and you can hardly feel the scratch, you are dealing with a light surface scratch. If your finger nail gets stuck and you can clearly feel the scratch, it is deeper and wider. In the latter case the use of a matching touch up pen is recommended.

2. Water test:


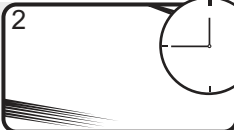
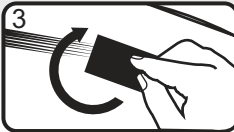

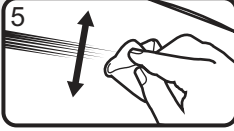


The water test allows you to determine which layers of paint have been damaged by the scratch. Scratches generally look white or gray. Apply water to the scratch and watch whether this makes the scratch almost disappear and causes the original color of the car to reappear or whether the scratch looks white, gray or metallic instead.

Scratch Depth Table	Original color can be seen when water test is performed	Original color can not be seen when the water test is performed
Finger nail does get stuck, you can feel the scratch clearly	The scratch has damaged only the clear coat or paint layer. Use a matching touch up pen first (if your car has a metallic coat, all you need is clear coat stick) and follow Steps 1-7	The scratch has penetrated through the clear coat and paint layer and may extend all the way to the filler or base material. Use a matching touch up pen first (in this case you will not only need clear coat, but also the matching base color) (Steps 1-7)
Finger nail does not get stuck, scratch is barely noticeable	Only the very top of the paint layer has been affected. Start to treat with REPAIR #1 (Steps 4-7) If not successful, start again with step 3.	These are likely paint traces on the surface resulting from the vehicle coming into contact with another object. You should be able to remove these with FINISH#2 (Steps 6+7). If not, use REPAIR #1 one more time and apply FINISH #2 again (Steps 4-7)

Makeup of a vehicle paint (layers in cross-section):



D) Scratch removal process (step-by step):

A + B		Clean and dry the area and now apply the base color and / or the clear coat from the touch up pen to the scratch. It is best not to use the thick brush on the touch up pen, but a thin, fine artist brush size 0 or 1. Make sure that you only paint the scratch if at all possible and not the surrounding areas.
		Once the touch up paint has set completely (it is best to wait at least a week), use the wet method to grind down any excess clear coat residue around the filled and painted scratch. Proceed with care and use a sheet of QUIXX sandpaper and some water.
C		Wet the 3000 grit sandpaper included in the repair kit. Gently sand the damaged spot for a maximum of 15 seconds. Do not attempt a 2nd sanding.
C		Remove any water and grinding residues and simply apply a small amount of QUIXX REPAIR Tube #1 to the scratch.
D		Polish the area with QUIXX REPAIR #1 and the included polishing rag for about 2 minutes applying a lot of pressure. Do this at a right angle to the scratch until all traces have vanished completely.
		Remove any REPAIR #1 residue using a moist rag and apply a small amount of QUIXX FINISH Tube #2 to the scratch.
		Now polish the area with QUIXX FINISH #2 and the second enclosed polishing rag for about 2 minutes, applying a lot of pressure. Use circular motions until the area has a glossy appearance.
Deep Scratches	Regular Scratches	Light Scratches

ATTENTION! Important additional information:

- Never sand the same area for more than 15 seconds maximum. Failure to comply with this warning could result in the removal of the entire clear coat or paint, which would leave behind stains.
- The polishing pastes that are part of the QUIXX REPAIR system work better and more quickly if you apply more pressure during the polishing process.

E) Emergency and product information:

QUIXX POLISH No. 1

MSDS No. 888100004727

CONTAINS: Poly(oxy-1,2-ethanediy), .alpha.-hydro.-omega.-hydroxy-
CAS# 25322-68-3; Aluminum oxide CAS# 68389-42-4

SPILL OR LEAK: Use mechanical handling equipment. Forms slippery/greasy layers with water.

QUIXX FINISH No. 2

MSDS No. 888100004728

CONTAINS: Water CAS# 7732-18-5; Aluminium silicate CAS# 12141-46-7; Polydimethylsiloxane-emulsion; Ester of montanic acids CAS# 68476-04-0

SPILL OR LEAK: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Forms slippery/greasy layers with water.

Not hazardous substances or preparations according to 16 CFR 1500.3.

FIRST AID GENERAL ADVICE: If used according to the instructions, no risks are expected for the user.

CALIFORNIA PROP. 65: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

HANDLING AND STORAGE: Keep out of reach of children. Keep away from food, drink and animal feedingstuffs. For additional information read correlative Material Safety Data Sheet for these products. In case of fire use suitable extinguishing media. This material is regulated by the Consumer Safety Protection Commission per the Federal Hazardous Substance Act (16 CFR 1500).

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