

Basic Glass Polishing Kit

Our basic glass polishing kit is for the polishing of all types of glass including toughened glass, aquariums, windscreens, glass tables and double glazing. This kit can be used to remove lime scale, light acid etching, industrial fall out, adhesive residue and very light hairline scratches from glass. For other types of damage or for deeper scratches you will require one of our other kits.

Please read all instructions in full before use and take care to follow the instructions carefully.

Heat and Pressure – At all times during the polishing process do not forget about the heat you are generating. Too much heat could crack the glass. Too much pressure around the edge of the glass could cause the glass to crack. Periodically check the glass temperature by placing the back of your hand against the glass. If the glass is too hot, let it cool down before proceeding. **DO NOT** use your fingers or palm of your hand as the natural oils in your skin could cause problems and your finished results will be compromised.

Electric Drill. This system is designed to work with an ordinary corded electric drill operating at a recommended speed of up to 2000 rpm. This kit will not work with a cordless drill because there is rarely enough power in the cordless drills motor to generate the speed possible to affect a repair. **Important. Do not operate this system at speeds exceeding 2500 rpm.** Please ensure that you read the instructions for the electric drill before use.

Existing Damage. Before any repair to glass check the glass for any existing damage. If the glass has any cracks or chips then this will create a weak point on the glass and a repair could cause the glass to break or crack.

Take your time: Rushing will only lead to a poor quality finish and could cause mistakes and damage your glass. Slower is quicker

Keep tools and your work area clean. Never allow the polishing pads to come in contact with dust or dirt. If you get grit or dirt on the polishing pad you will cause more damage to the glass being repaired.

Instructions

1. Thoroughly clean the glass being repaired making sure it is completely free of dirt and dust.
2. Identify the area that requires polishing. If the whole piece of glass needs to be polished divide the glass into equal areas. Do not try to polish the whole pane at once.
3. Attach the spindle backing pad to the drill and fit a polishing pad to the Backing Pad. The hard side of the felt pad goes onto the backing pad; the soft side goes onto the glass.
4. Apply a pea size amount of the polishing compound to the middle of the polishing pad and place the face of the pad on the glass. Do not start the drill until the pad is against the glass or the compound will splatter everywhere.

5. Start the drill. Keeping the polishing face flat against the glass, move the drill slowly from left to right. Keep a nice even pressure against the glass as you move the pad over the glass. Do not stop in one area too long as the glass will get hot.
6. Do not leave the fringe areas to polish last. After a few seconds of polishing, milky looking slurry will form. Continue polishing until the slurry is dry. Repeat this process as many times as necessary until the glass is visually clear. (Usually 2-3 times.) Remove all residues that remains by polishing dry. Wipe the surface clean and inspect carefully. The glass surface should now be crystal clear.
7. Do not keep adding compound to the pad as this will block the pad and stop the compound from working. If the polishing pad becomes blocked with compound spray the working face with water or run under a tap to unblock. If you put too much compound onto the pad this will block the pad and will stop the process from working.

Disclaimer

As this product is sold for Home Use on a Do-It-Yourself basis, it is sold with no warranty and/or liability for any glass, fittings or fixtures and/or any personal injury. Although all products contained in the kit are non-toxic and safe to use, please keep this kit out of reach of small children.