Eastwood DO THE JOB RIGHT.

Part #12526

DEEP SCRATCH REMOVAL KIT

INSTRUCTIONS

The Eastwood Deep Scratch Removal Kit for glass is a highly effective, quality kit containing the same components used by glass professionals to repair and restore scratched and marked auto glass. This procedure is labor intensive and does require significant time and patience to achieve results which; when done can be highly satisfactory. Works well on laminated or tempered glass. This kit will not repair pitted or excessively deep scratches in glass. Attempts to do so will cause optical distortion. Do not use on cold glass (less than 32°F).

INCLUDES

- A 1/2 lb. jar of Glass Polishing Compound
- One 3” Hook and Loop Backing Pad with 5/8”-11 female thread.
- One 5/8”-11 male thread x 1/4” shank adapter spindle for drill chuck use.
- One Hook and Loop backed Felt Polishing Pad.
- One 3” smooth-faced Pressure-Sensitive type Backing Pad with 5/8”-11 female thread.
- One each of three Glass Scratch Removal Abrasive Discs, Course (Green), Medium (Blue) and Fine (Orange).

ITEMS REQUIRED

- An electric or pneumatic power tool capable of at least 600 RPM but no greater than 1500 RPM. **NOTE:** A pneumatic or cordless electric tool is recommended as this process requires the use of water. (Be sure to adhere to tool manufacturer’s use and safety instructions.
- A properly fitted Respirator Mask such as Eastwood #11456 or equivalent.
- Eye protection. Eastwood #43090 Safety Goggles or equivalent.
- Hand Protection such as Eastwood #43098 disposable gloves or equivalent.
- Source of slow-running fresh water or a pump spray bottle.
- Non-permanent marker, grease pencil, crayon or tape.
- Plastic drop-cloth or other material to protect the vehicle and surrounding areas from spatter.

WARNINGS

DO NOT USE WITHOUT BREATHING PROTECTION. Inhalation of silica dust can cause nose and throat irritation. Frequent exposure to silica dust can result in lung inflammation and silicosis, a serious and permanent lung disease. Persons with Impaired lung function or asthma type conditions may experience additional breathing difficulties as a result of the irritant properties of the compound.

DAMAGE REMOVAL INSTRUCTIONS

1. Thoroughly clean glass to be repaired inside and outside.
2. Remove any trim, wipers or accessories that may be required to gain access to the entire damaged area.
3. This procedure WILL create a mess. Using a drop cloth, blankets, newspaper or other suitable material, cover the vehicles painted areas and protect any adjoining areas from spatter and minimize cleanup. Do not let it dry but carefully wash off any spatter that may get on a paint finish. Do Not attempt to wipe it away or scratching will occur.
4. Put on Respirator Mask! **IMPORTANT NOTE:** A large amount of silica dust is generated by this procedure. **The use of a properly fitted respirator is absolutely necessary to avoid silicosis!**
5. Assess the depth of scratch. **IMPORTANT NOTE: Use of the Coarse and Medium Abrasive Discs can cause waves and permanent damage of the glass surface!** Always use the mildest abrasive disc that you feel will remove the scratch. Be aware that it is very difficult to avoid creating waves in the glass when using the Course (Green). If the damage is severe and the Course disc is needed, keep it completely flat against the surface at all times and use plenty of water keeping the pad and glass wet.
6. If using a machine with a 5/8”-11 threaded shaft, thread the smooth-faced 3” backing pad directly on the shaft. If using a cordless drill, thread the adapter spindle into the 3” backing pad then insert the ¼” shank into the chuck and tighten.
7. Peel the protective paper from the back of the Abrasive Disc and while taking care to center the disc on the face of the 3” backing pad, press it in place.
8. Use a non-permanent marker, crayon or tape to outline the damaged area on the backside of the glass.
9. Wet the glass surface with water.
10. Work the abrasive evenly in overlapping passes across the damaged area, with a steady light pressure, keeping the disc as flat against the glass surface as possible. Try to keep the working area as localized as possible. This will minimize the work required to remove the “frosted” appearance of the repaired area. Do not be alarmed as the “frosted” appearance will diminish as you progress to finer abrasives finally restoring full clarity once the glass polishing step is completed.
11. **Keep the surface wet** as you recondition the glass using a pump spray bottle or slowly running hose. Allowing the glass and abrasive disc to become dry will quickly create heat and permanently damage the glass.
12. Stop work often, dry the glass with CLEAN towels to check your progress, re-wet and continue. These steps should be repeated often for best results.
13. Once the initial damage is satisfactorily removed, proceed to “Glass Polishing” to restore the glass to like new clarity.

GLASS POLISHING INSTRUCTIONS

1. If using a machine with a 5/8"-11 threaded shaft, thread the 3" Hook and Loop backing pad directly on the shaft. If using a cordless drill, thread the adapter spindle into the 3" backing pad then insert the ¼" shank into the chuck and tighten.
2. Taking care to center the disc on the face of the 3" Hook and Loop backing pad, press the felt pad in place on the Backing Pad.
3. Place the felt pad face down in 1/4" of clean water and let it soak for several minutes allowing it to soften.
4. Begin with a clean container; mix the Glass Polishing Compound with water to create a toothpaste-like consistency. **NOTE:** It is extremely important to maintain cleanliness throughout the entire process as any foreign material can quickly cause scratches on the glass.
5. Pre-wet the glass surface and apply a small amount of the compound directly to the surface. Using an even, steady motion and while keeping the pad surface flat against the surface; work the polishing pad over the area keeping the pad speed between 600 RPM and 1500 RPM. **WARNING:** exceeding 1500 RPM and excessive pressure can permanently damage the glass.
6. Apply water frequently to keep the compound wet and avoid heat buildup which can permanently damage the glass. For best results, use the compound sparingly…more is not better.
7. After the glass is polished to like-new clarity, wash the surface and surrounding areas with a sponge and clean water. Wash the polishing pad thoroughly and when dry, put it back into the plastic bag to keep clean for future use.

FIRST AID

- **Eye Contact:** Flush eyes with copious amounts of clean water. If irritation or redness develops, immediately seek medical attention.
- **Skin:** Flush irritated areas with water and remove contaminated clothing if necessary. If irritation or redness develops, seek medical attention.
- **Ingestion: Do not give anything by mouth.** Do not leave victim unattended. If vomiting occurs or if unconscious or lethargic, place victim on left side with head down. Seek immediate medical attention.

In the event of a Chemical Emergency involving a Spill, Leaks, Fire or Exposure Call Toll Free Day or Night: Chemtrec 1-800-424-9300 (International Call Collect 202-483-7616)

REPLACEMENT ITEMS

- 3 Pack of abrasive discs (1 course, 1 medium, 1 fine) #12539
- Pro-Glass Polishing Wheel #12540

If you have any questions about the use of this product, please contact
The Eastwood Technical Assistance Service Department:
800.544.5118 >> email: techelp@eastwood.com

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