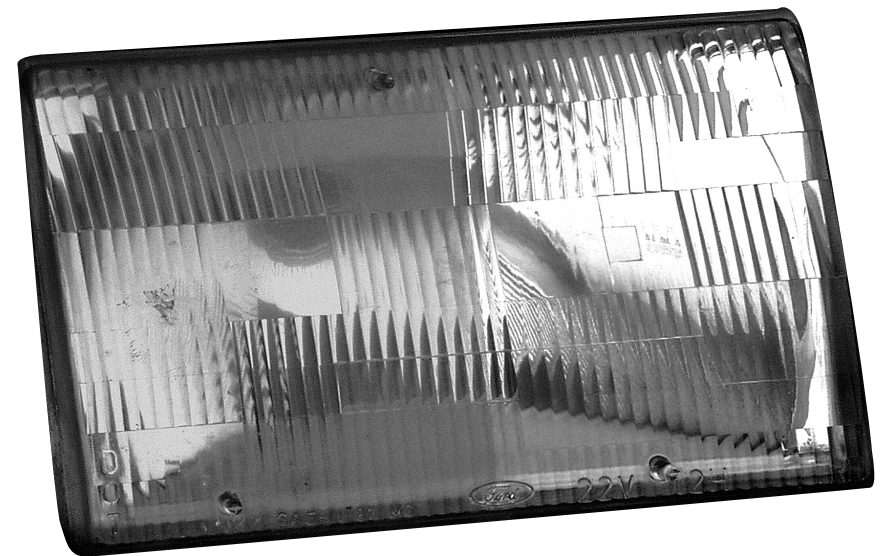


# Plastic Headlamp Refinishing Kit

Part #52267

## Operating Instructions



Before

After

## Intro

### Kit includes:

- 1 – 3" buff wheel #13039
- 1 – 1/4" shank wheel arbor #13064
- 1 – 100-gram tube Autosol metal polish #13170

**NOTE:** Autosol is excellent for use on plastic.



### Tools Needed:

- 1 – 3/8" electric drill w/ maximum RPM of 1,800-2,200
- 1 – 3/4" wrench
- 1 – clean terry cloth or micro-fiber polishing rag
- 1 – large drop-cloth

**NOTE:** This kit is intended ONLY for use on Plastic Headlamps. WILL NOT WORK ON GLASS HEADLAMPS.

## Instructions

**Step 1** Be sure headlamp assembly is stable & firmly held in place within the housing prior to beginning this process. If NOT stable, visually inspect & make appropriate repair(s) or consult a local repair shop & have them perform the repair(s) for you.

**Step 2** Clean headlamp assembly with a mild detergent/water solution (or glass cleaner) & a clean wash cloth or sponge. Make sure headlamp is totally dry before you begin buffing process.

**Step 3** Lay drop-cloth over hood, grille, around front of fender & over top of bumper (if possible) so as to protect from any polish residue that may be "thrown" off of the buff wheel during the buffing process.

**Step 4** Attach 3" buff wheel to 1/4" arbor & tighten nut w/ a 3/4" wrench. **Note:** Arbor has left-hand threads so be careful not to over-tighten nut when attempting to disassemble the arbor.

**Step 5** Place arbor (w/ wheel attached) into drill chuck & tighten w/ drill key. If drill is a "reversible" unit, be sure drill is set to turn clockwise when pointed away from you.

## Instructions

**Step 6** Apply a moderate amount of the Autosol Polish onto the surface of the headlamp in a series of "beads" moving from left to right while progressing from the top of the headlamp to the bottom. Allow approx. 1" - 1 1/2" between the "beads" of polish. Hold drill up to the headlamp & turn the buff wheel by hand while smearing the Autosol onto the entire surface of the headlamp.

**Note:** When performing this project, you will be using the thin edge of the buff wheel (not the "diameter" of the wheel) just as you do when performing metal buffing/polishing. This means you will be holding the drill sideways to the headlamp as opposed to pointing it towards the headlamp.

**Step 7** Hold drill next to headlamp with buff wheel touching headlamp surface. Activate drill by pulling trigger slowly so as not to "throw" the polish off of the wheel instantly.

**Note:** Although not a necessity, a variable speed drill does make this task easier as you can slowly increase your speed to the maximum drill RPM instead of having instant max RPM as soon as you pull the trigger which can lead to "throwing" the polish & making a slight mess.

**Step 8** With drill spinning @ max RPM, begin to sweep across the face of the headlamp from left to right while dropping down 1/4"-1/2" @ the end of each horizontal pass. Upon completion of the horizontal buffing you may repeat this process in a vertical manner, buffing from top to bottom while moving sideways 1/4"-1/2" @ the end of each vertical pass. Be sure to apply additional Autosol Polish if surface & wheel have "dried out". Follow this vertical buffing w/ another series of horizontal sweeps while applying additional Autosol to the headlamp surface. Repeat buffing as necessary until the desired results are achieved.

**Step 9** Upon completion of the buffing steps, you will want to "buff" the headlamp surface by hand with your clean terry-cloth or micro-fiber rag to remove any residue that may have been left behind from the buffing process. At this point you should notice a cleaner, more "clear" appearance on your headlamp lens which will yield better night-time visibility. Note: This process may also be used on taillight, turn signal & side-marker lenses.

**Step 10** Remove drop-cloth & repeat steps 1-9 on opposite side headlamp assembly.

# ■ Instructions

## **FOR EXTREMELY DISCOLORED/HAZY/ROUGH HEADLAMPS:**

If headlamps appear extremely discolored or hazy or have a rough feel to the surface due to the abrasion caused by road debris encountered during everyday driving, you may want to precede the above process w/ a few simple wet-sanding steps. Wet-sanding is a safe way to remove more material from the headlamp's surface in a quicker & more noticeable manner than continuing to buff w/ the polish.

**Step 1** You will start the wet-sanding process w/ a 400 grit wet-dry paper. Remember to ALWAYS use a mild mixture of soap & water to perform any wet-sanding process as this will add lubricity to the surface to help keep from over-sanding & damaging the surface. Begin wet-sanding by using even horizontal strokes across the face of the lens, followed by vertical strokes while moving from left to right across the surface of the lens. Occasionally re-wet the paper to make sure it remains clean & wet. Complete the process w/ another series of horizontal strokes across the lens. Clean the surface w/ some window cleaner & wipe dry w/ a paper-towel so that you can visually inspect the work you have just done. If it looks & feels cleaner & smoother, it is time to progress to the next step.

**Step 2** Next step is to wet-sand w/ a 800 grit wet-dry paper. Follow the same steps as above making sure to clean the surface between steps.

**Step 3** Next step is to wet-sand w/ a 1200 grit wet-dry paper. Follow the same steps as above making sure to clean the surface between steps.

**Step 4** NOW you can progress to the polishing steps outlined in the 1<sup>st</sup> part of the instructions above using the Autosol Polish & 3" Buff Wheel. This process, when performed correctly, should return your lenses to a "like NEW" appearance w/ little effort & no specialty tools. At the cost of replacement lenses these days, this kit is an inexpensive fix for a widespread & costly problem & offers enough product to perform this task many times. Good Luck & Thank You for purchasing the Eastwood Headlamp Refinishing Kit #52267.



0 607174 005109

[www.eastwood.com](http://www.eastwood.com)

If you have any questions about the use of this product,  
please contact The Eastwood Technical Service Department

1-866-759-2131