

# LUNAR<sup>®</sup> Connected Device Display Polishing Procedure



## PREPARATION

### TOOLS

- 3M Lens Restoration System (Kit P/N 39008, or equivalent)
- ANSI / CSA approved protective eyewear recommended when using this product



### PREPARING THE LUNAR DEVICE

Remove the protective rubber boot from the LUNAR Device to expose the casing.

## SANDING THE LUNAR DISPLAY

### SANDING WITH YELLOW DISC (500 GRIT)

**NOTE:** Use either a drill press (1200-1600 RPM) or a handheld drill. When servicing multiple LUNAR Devices, use a drill press.

#### ⚠ CAUTION

When using drill press it is recommended to maintain a firm grip on the LUNAR Device during polishing. When using a hand held drill it is recommended that the LUNAR be secured from moving while polishing. It is also recommended to keep hands away from surface to be sanded. Please follow any SOP associated with the hand held drill or drill press.

1. Secure the main disc pad holder into place.



2. Attach the yellow sanding disc (500 grit sandpaper) onto the disc pad holder.



3. Begin sanding the LUNAR Device display.

**NOTE:** Hold the LUNAR Device at a slight angle to the plane of the disc pad holder while sanding, and remember to keep the LUNAR moving in a circular motion. This will ensure even and controlled sanding.

4. After 10 to 15 seconds, stop sanding to examine the LUNAR display.
  - If a heavy, even haze is seen and all surface scratches have been buffed out, continue to the **Sanding with Purple Sisc (800 grit)** section of this PIN Article.
  - If surface scratches are still present, repeat this step.



WHEN YOU GO IN, WE GO IN WITH YOU.

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## SANDING WITH PURPLE DISC 800 GRIT

1. Replace the yellow sanding disc with the purple sanding disc (800 grit sandpaper).
2. Sand the LUNAR Device, remembering to keep the LUNAR moving in a circular motion.

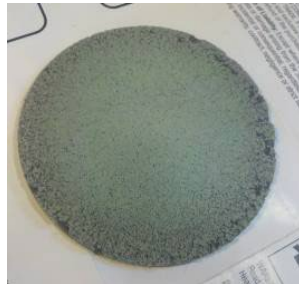


3. After 10 to 15 seconds, examine the LUNAR display.
  - If a lighter, even haze is seen, continue to the **Sanding with the Trizact Disc** section of this PIN Article.
  - If not, repeat this step.

## SANDING WITH TRIZACT DISC

1. Wet the Trizact Disc with water before using.
2. Apply the wet Trizact Disc and begin sanding the LUNAR display.

**NOTE:** Remember to keep the control module moving in a circular motion.



3. After 15 to 20 seconds, examine the LUNAR display.
  - If all scratches have been removed and the display has returned to a more transparent view, continue to the **Polishing with the Soft Interface Pad** section of this PIN Article.
  - If not, repeat this step and re-check.

## POLISHING WITH THE SOFT INTERFACE PAD

1. Replace the Trizact Disc with the soft interface pad.
2. Place a small amount of lens polish/rubbing compound (about half the diameter of a dime) to the surface of the pad.
3. Continue polishing the LUNAR display with the pad for about 20 seconds.
4. Examine the LUNAR display.
  - The display should be completely polished.
  - Clean off any excess rubbing compound and debris which may be present in the window perimeter with a clean, damp, lint-free cloth.



## INSPECTION

Inspect the LUNAR Device for any other visible signs of damage.

- Check for external cracks in the housing, or tears in the rubber cover.
- Ensure the buttons are not damaged or missing.
- Replace the LUNAR Device protective rubber boot.



**The LUNAR Connected Device is ready to return to service.**

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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