

Product Information News

October 16, 2013

CONTROL MODULE LENS POLISHING PROCEDURE

TOOLS

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



PREPARING THE CONTROL MODULE

1. Remove the protective rubber boot from the control module to expose the casing.
2. Remove the control module LCD lens guard to expose the surface of the control module LCD window for polishing.



SANDING THE CONTROL MODULE LCD WINDOW

Sanding with Yellow Disc (500 grit)

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

CAUTION

When using drill press it is recommended to maintain a firm grip on the control module during polishing. When using a hand held drill it is recommended that the control module 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 control module LCD window.

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

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

For More Information, call 1-877-672-3473 (MSA-FIRE) or Visit Our Website at www.MSAafety.com



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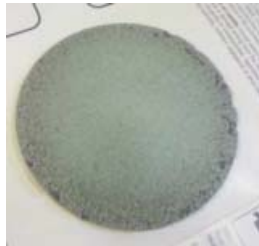
Sanding with Purple Disc 800 grit

1. Replace the yellow sanding disc with the purple sanding disc (800 grit sandpaper).
2. Sand the control module remembering to keep the control module moving in a circular motion.
3. After 10 to 15 seconds, examine the control module LCD window.
 - 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 control module LCD window.



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

3. After 15 to 20 seconds, examine the control module LCD window.
 - If all scratches have been removed and the window 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 control module LCD window with the pad for about 20 seconds.
4. Examine the control module LCD window.
 - The window 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 control module 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 LCD lens guard with a new lens guard (P/N 10090220, 5/pkg).
- Replace the control module protective rubber boot.



The control module is ready to return to service.