

## Bubble Lens Assembly Instructions (LM500/LM500-TF)

**WARNING: Perform all installations with the power source OFF. Be sure engine has cooled and pressure has been relieved. Follow all safety practices to prevent SEVERE BURNS.**

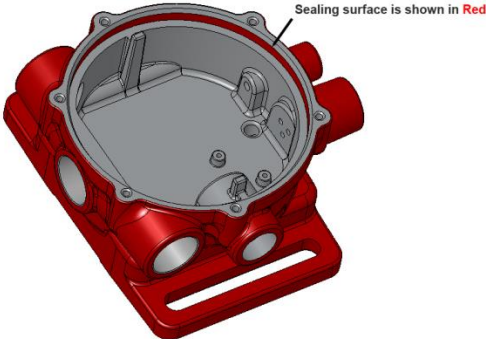

**NOTES:**

The Lens Replacement Kit contains the following parts:


- Lens
- Dial (Lens and Dial are assembled)
- O-ring
- Screws (6)

Tools needed for the Lens Replacement:

- #2 Phillips Screwdriver
- Cleaning cloth

Step	Action	Diagram
1	Clean the vertical sealing surface of the LM500 case to ensure no debris is present that would affect the O-ring seal.	
2	Carefully unpack the lens/dial assembly. Remove protective film from the lens. Place the O-ring around the lens.	
<b>Note:</b>	Installation in temperatures below 60°F may be more difficult as cooler temperatures will make the O-ring less pliable.	

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3	Align bolt hole pattern. Place on flat or rigid surface. Push hard from the center of the lens. Take precautions to prevent scratching the lens.	
<b>Note:</b>	A small amount of lubricant may be required (water, saliva, natural skin oil, clean engine or compressor oil). DO NOT use P80 or any similar type of lubricant. This will cause the lens to crack.	
4	Tighten screws using a cross pattern. Numbers are shown at right for reference. Recommended torque is 12 inch-pounds, which is equivalent to 1/8 turn after the screw bottoms out.	
<b>Note:</b>	For additional information on the LM500 (specifications and installation instructions), search LM500 on the FW Murphy Production Controls' website ( <a href="http://www.fwmurphy.com">www.fwmurphy.com</a> ). At the LM500 web page, select the <b>Literature</b> tab and choose <b>Installation Instructions</b> .	

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