

**COGNEX®**

## **DataMan™ 200 Liquid Lens Module**



### **Installation Guide**

# Liquid Lens Module Installation

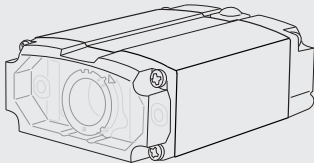
The liquid lens module is an electronically controllable variable focus system.



1



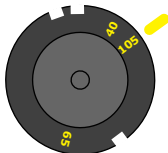
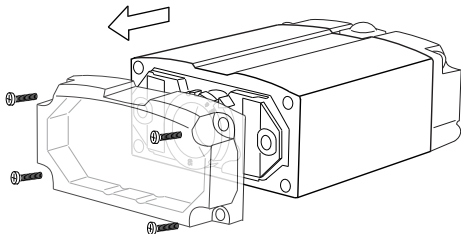
Disconnect the DataMan reader from power.



2

Remove the front cover.

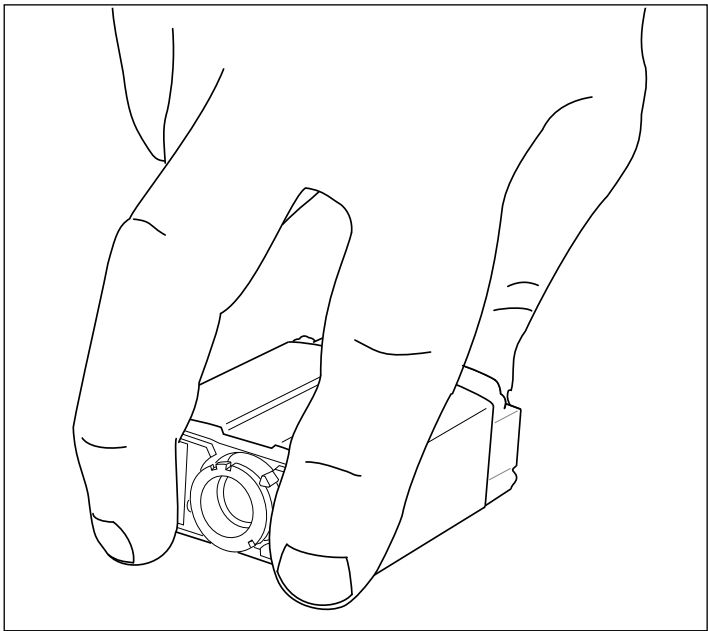
Set to 105 mm



3

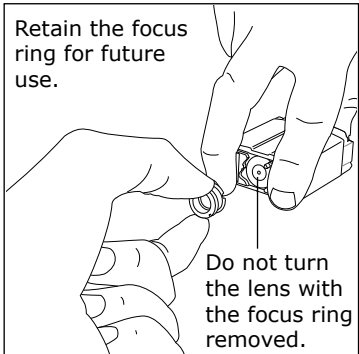
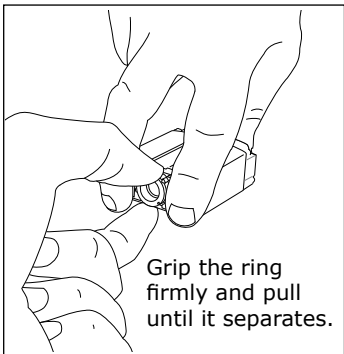


Place fingers as shown over the illumination LEDs and hold the reader tightly to prevent dislodging its internal components during the liquid lens installation procedure.



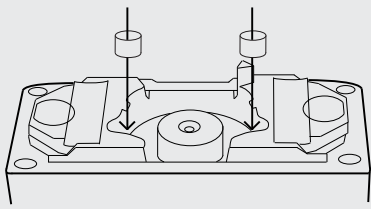
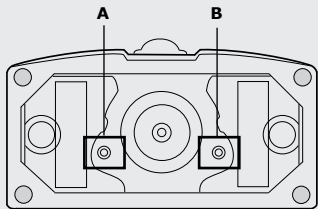
# Liquid Lens Module Installation

4

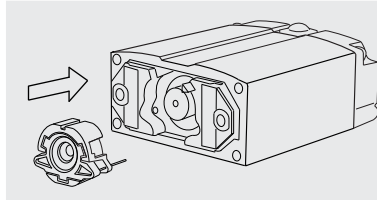


5

Remove the supplied sleeves from the enclosed bag and insert them into the designated locations on the reader.



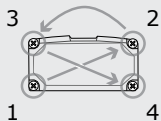
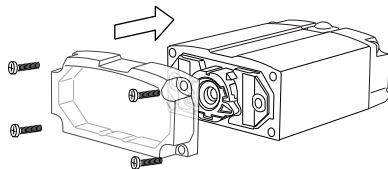
6



Insert the pins of the liquid lens module through the sleeves and into the DataMan reader.

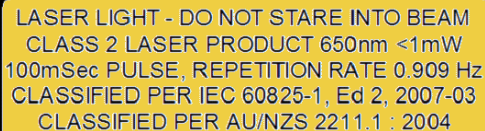
7

Replace the front cover.



Tighten screws in order shown. Maximum torque for the cover screws is 9 N-cm (0.8 pound-inch).

Use the **Focus Settings** pane in the Setup Tool to configure the liquid lens for your production environment, which typically supports a reading range between 40mm - 250mm. Individual liquid lens modules may support a larger range. Contact your Cognex sales representative for details.



LASER LIGHT - DO NOT STARE INTO BEAM  
CLASS 2 LASER PRODUCT 650nm <1mW  
100mSec PULSE, REPETITION RATE 0.909 Hz  
CLASSIFIED PER IEC 60825-1, Ed 2, 2007-03  
CLASSIFIED PER AU/NZS 2211.1 : 2004

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