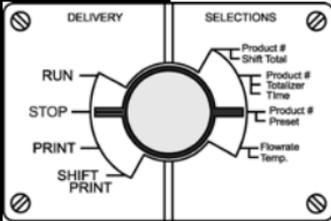


LIQUID CONTROLS

A Unit of IDEX Corporation

LCR-II Basic Operating Instructions



LCR-II Selector Switch



Epson Ticket Printer
& Control KEYS



PROCEDURE FOR PRINTING A SHIFT TICKET

This procedure should be performed at the beginning and end of each shift.

1. Press the RELEASE button on the Epson printer.
2. Insert a blank delivery ticket.
3. Press the FORWARD key on the printer to engage the print head to the ticket.
4. Turn the Selector Switch on the LCR-II to the SHIFT PRINT position for more than 2 seconds.
5. Turn the Selector Switch back to the STOP position. The ticket will automatically print.
6. Press the RELEASE button to remove the shift ticket from the Epson printer.

PROCEDURE FOR MAKING A DELIVERY

1. Press the RELEASE button on the Epson printer.
2. Insert a blank delivery ticket.
3. Press the FORWARD button on the printer to engage the print head to the ticket.
4. Turn the Selector Switch on the LCR-II to the RUN position. This will cause the register to reset and the solenoid valve to open (if equipped).
5. Pull the delivery hose and fill the customer's tank.
6. When the delivery is completed, turn the Selector Switch from the RUN position to the PRINT position. This will instruct the LCR-II to print a delivery ticket. (NOTE: Once a delivery is started and the meter has registered more than one gallon, if the meter is stopped for a period of time exceeding the NO-FLOW time out (60 min. max.), the LCR-II will terminate the delivery and automatically print a delivery ticket.)
7. Press the RELEASE button to remove the delivery ticket from the printer.

PROCEDURE FOR PRINTING A DUPLICATE DELIVERY TICKET

1. Press the RELEASE button on the Epson printer.
2. Insert a blank delivery ticket.
3. Press the FORWARD button on the printer to engage the print head to the ticket.
4. Turn the Selector Switch on the LCR-II to the PRINT position and then to the STOP position. This will instruct the LCR-II to reprint the delivery ticket.
5. Press the RELEASE button to remove the delivery ticket from the printer.

Common Troubleshooting Problems & Solutions

This list represents some common problems that may occur and possible solutions to attempt prior to calling for assistance. Prior to calling for technical assistance, please be sure to print a **DIAGNOSTIC** ticket.

<u>Problem</u>	<u>Possible Solution</u>
Epson printer won't print.	<p>Check to see that the ticket is properly positioned in the printer.</p> <p>Check to see if the ON/OFF switch, located on the side of the printer is in the ON position.</p> <p>Make sure to press the FORWARD button on the printer to engage the print head.</p> <p>Check to see that the 25-pin serial cable connector and the power supply cable are properly connected to the printer.</p>
LCR-II won't reset to make a delivery.	<p>Check to see that the ticket is properly positioned in the printer.</p> <p>Ensure that the Selector Switch is turned to the RUN position.</p> <p>Check to see if the last delivery ticket was printed. The LCR-II will not allow printing a new delivery ticket until the last delivery ticket has been printed.</p> <p>The LCR-II may have timed out and automatically printed out a delivery ticket. If this is the case, the Selector Switch may still be in the RUN position. Turn the Selector Switch to STOP and then back to the RUN position.</p> <p>Check the voltage to the LCR-II to make sure that it has not dropped below the minimum +9 VDC required to run the unit. Optimum voltage is +12VDC.</p>

PROCEDURE FOR PRINTING A DIAGNOSTIC TICKET

This procedure should be performed any time there is a problem suspected with the LCR-II electronic register. The information is useful in diagnosing problems.

1. Press the RELEASE button on the Epson printer.
2. Insert a blank ticket.
3. Press the FORWARD button on the printer to engage the print head to the ticket.
4. Turn the Selector Switch on the LCR-II to the SHIFT PRINT position FOR LESS THAN 2 SECONDS, then turn the Selector Switch back to the PRINT position. The diagnostic ticket will automatically print.
5. Press the RELEASE button to remove the diagnostic ticket from the printer.

FOR SERVICE, CONTACT: Your local distributor or Liquid Controls

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105 Albrecht Drive
Lake Bluff, IL 60044
Call (800) 458-5262 or (847) 295-1050 and ask for: Electronics Service Department.

Prior to calling for technical assistance, please be sure to print a diagnostic ticket. Emergency technical support is available 24 hours a day. After normal business hours, (8-5 Central Time) please leave a message for the service department and a technician will return your call.