

## JTL INSTALLATION INFORMATION

### USING AN LCPN AS A REPLACEMENT PART FOR AN LCIC OR LCPC

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The LCPN can be used as a replacement for LCIC & LCPC controllers where the original controller is working with a mechanical expansion valve. There are various connection differences on the output relays and temperature sensor connections.

#### **TEMPERATURE SENSORS**

When using the LCPN to replace an LCIC/LCPC the external probe cable and connector board should be removed and the sensors connected directly to the LCPN. The connection order on the converter and the LCPN is the same.

#### **LIQUID SOLENOID**

When using the LCPN to replace an LCIC, the liquid solenoid connections should be moved from Relay 3 to Relay 5. Take care to ensure the Line and Load connections are preserved in the same order.

### **SUMMARY OF CONTROLLER DIFFERENCES**

#### **Controller Functional Differences**

LCIC & LCPC	Can be used for Electronic Expansion Valve control
LCPN	<b>Can't</b> be used for Electronic Expansion Valve control

#### **Temperature Sensor Connection Differences**

LCIC & LCPC	Have a Din socket for temperature sensor connections
LCPN	Has screw terminals for temperature sensor connections

#### **Output Differences**

LCIC	Has the liquid solenoid valve output on relay 3
LCPN & LCPC	Have the liquid solenoid valve output on relay 5

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