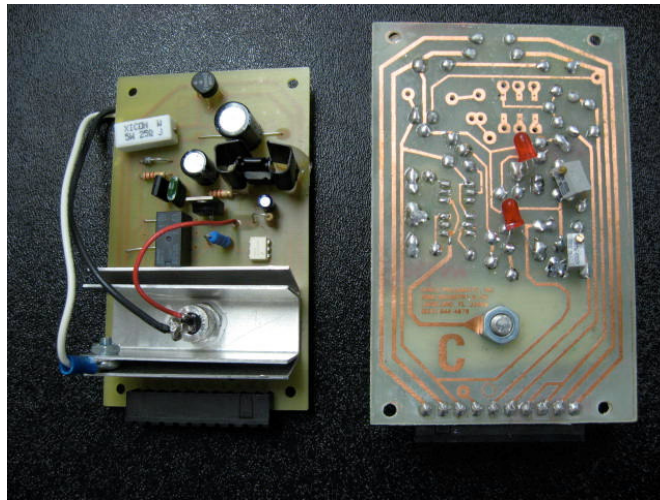




Eagle Pneumatic, Inc,
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Printed Circuit Boards (PCB)



**PCB A, B, C
P/P or P/V Systems**

Identifying your Eagle Pneumatic PCB

The way to identify a Printed Circuit Board (PCB): size, color, letter, and system identification.

- The first types of PCB's are opaque yellow or beige in color with a large letter on the backside of the PCB. . These letters are A, B, C, D, and E. All these PCB's are approximately 3 inches by 5 inches in size.
- The C and E PCB are slightly wider 3 1/4 to 3 1/2 inches wide. They all have a large aluminum heat sink on the same end as the connector.

If you have one of these PCB's the next determination is the PCB for a Pressure/ Pressure (P/P) System or Pressure/Vacuum (P/V) System?

- A P/P system has a blower motor(s) at each end of the system so that means both stations have their own built in blower motor box and each will plug into a 110 or 220 volt outlet.
- A P/V system has the blower motor box at one end of the system only. This motor box can be remote. There will be a wire running from power end to nonpower end.

In this group of PCB's the last thing you need to know is what size system you have. Is it a 3, 4, or 6-inch system?



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- The easiest way to find out is to measure across the disc on the end of the carrier. The following part numbers are the most common of this family PCB's with no variations and are pretty easy to identify.

The part numbers for these PCB's are as follows:

- A-0007** B 3 or 4 inch P/P system.
A-0008 C 6 inch P/P. It also has a slowdown feature.
A-0009 C 3 or 4 inch P/P. It also has a slowdown feature.
A-0010 B 6 inch P/V system.
A-0011 B 3 or 4 inch P/V system.

The part numbers below include variations on the above PCB's. Please call Eagle Pneumatic for help to identify these PCB's

A-0012 A 3 or 4 inch P/P system

- The only one with no connector on the end of the PCB.

A-0022 B 3 or 4 inch system with no lights or lock.

- It is usually for a one-way system.

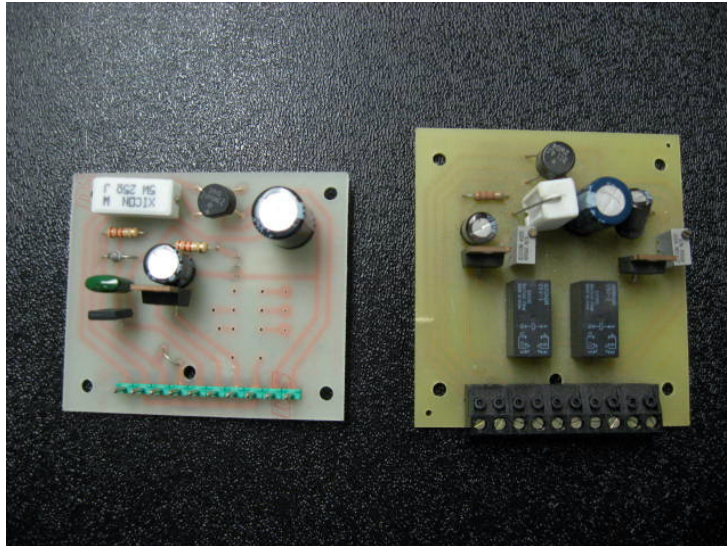
A-0023 D or E 3, 4 or 6 inch P/P or P/V system with a lockout

- E PCB's can also have a slowdown feature.



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UL-B and UL-J PCB



UL-B and UL-J

The PCB's in systems manufactured from 2000 to 2001 are opaque white or opaque yellow in color.

UL-B PCB is opaque white and it is 3 inch by 2 5/8 inch in size.
On the backside of the PCB it is printed UL-B ver 2.

UL-J is opaque yellow in color and it is 3 inch by 3 1/4 inch in size.
On the backside of the PCB in small letters it has UL-J ver 2.

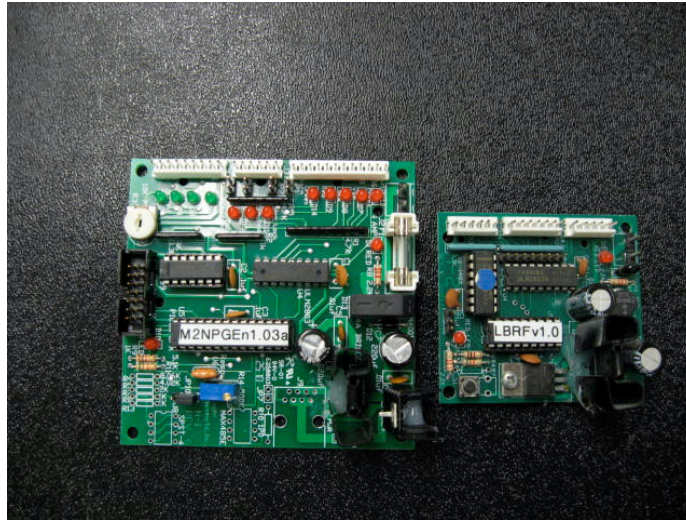
The part numbers for these PCB's are:

E-11238	UL-B PCB	3,4, or 6 inch P/P systems
A-10933	UL-J PCB	3,4, or 6 inch P/V systems



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M- 1 and M-2 PCB



M-1 or M-2

The two latest PCB's are dark green in color.
Starting in 2002, the **M-2 PCB is 2 ½ by 2 ¼** and has 2 red LED lights.

The **M-1 is 3 ½ by 3 ½**. It has 10 to 11 red LED's and 4 green LED's and supports a LCD display.

On the front side of the PCB they both have a PIC chip with a white sticker with the chip number.

When ordering, the information needed is chip number and the part number.

The part numbers are:

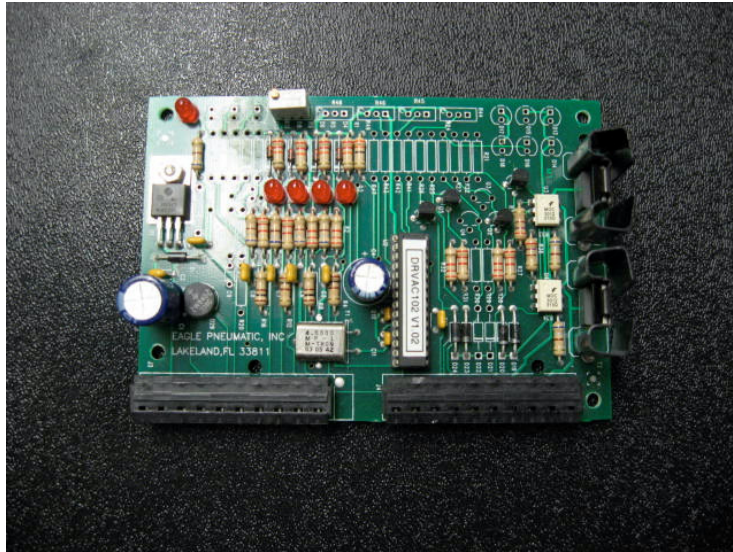
A-12138 M-2 PCB 3, 4 or 6 inch P/P or P/V

E- 11907 M-1 PCB 3, 4 or 6 inch P/P or P/V



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Drive Up System



Drive Up System V-1 PCB

The V-1 PCB, used in Drive-up bank or 8 inch system manufactured from the late 1990's to present is dark green and has two connectors.

It is 3 ½ by 5 inches across with the number E-11303 is on the backside of the PCB.

On the front side is a PIC chip with a white sticker that has the chip number.

V-1 chip number is the Eagle part number.