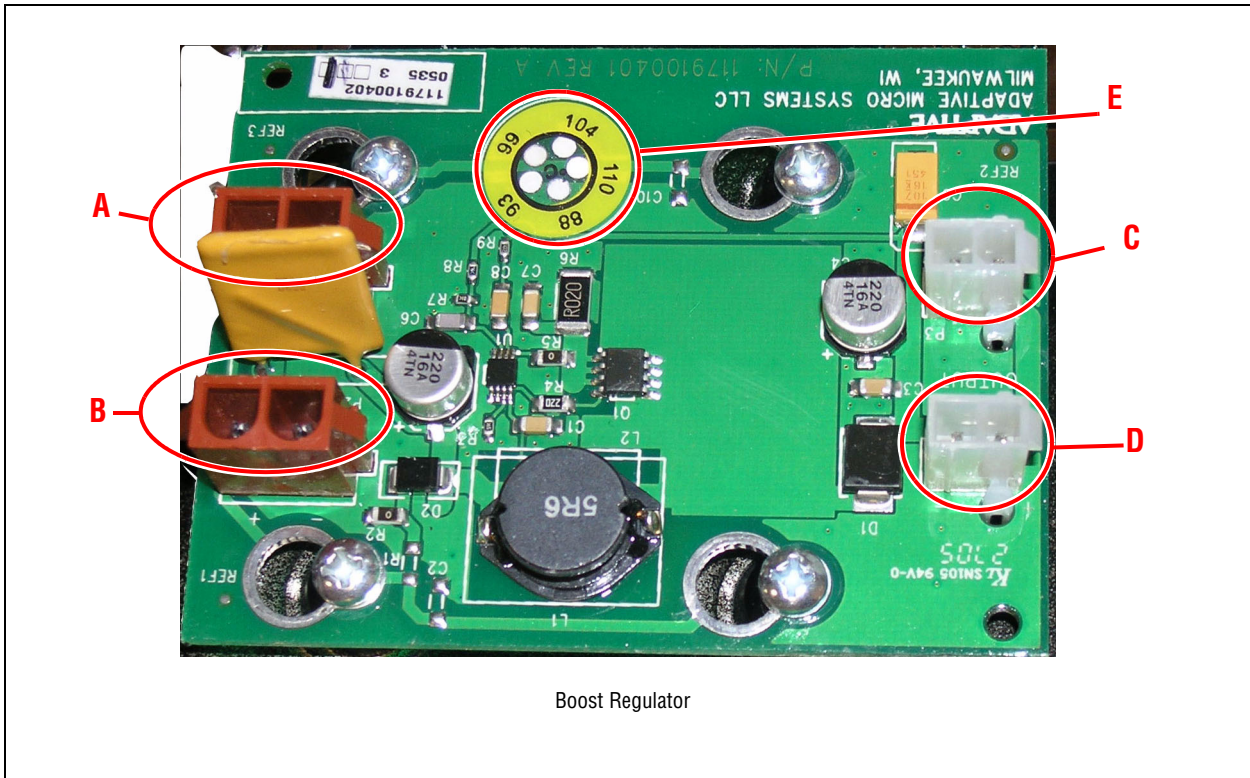


Boost Regulator (pn 1179100401)

1.1 Description



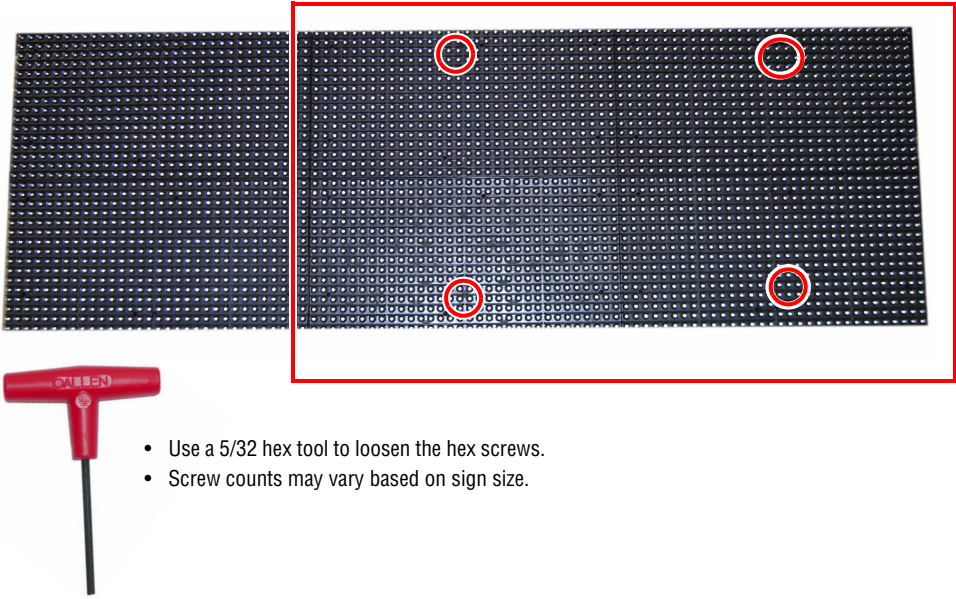
The boost regulator is used on the AlphaEclipse Street Smart 17X signs. With the boost regulator, voltage is stepped up from 5 volts to 9 volts for the controller board. There is only one boost regulator in a sign.

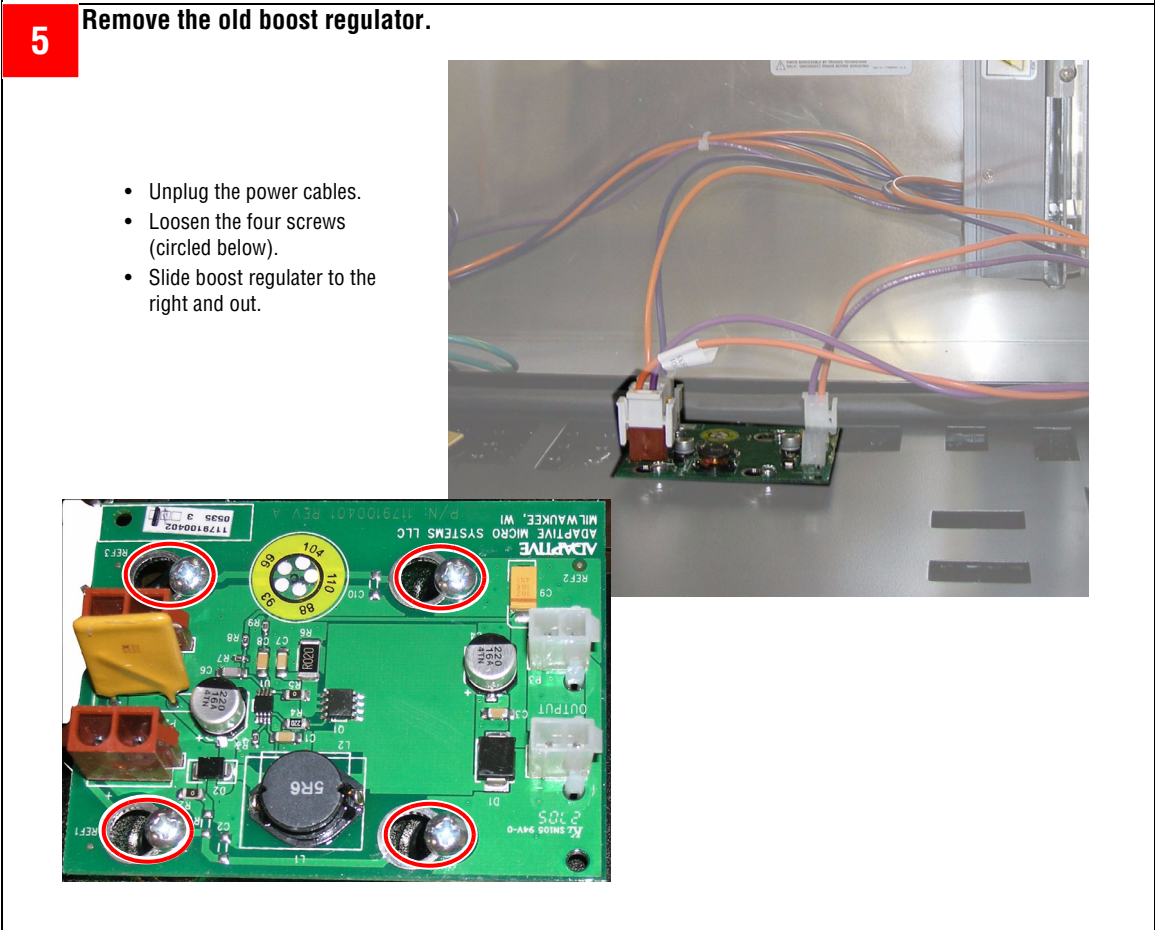
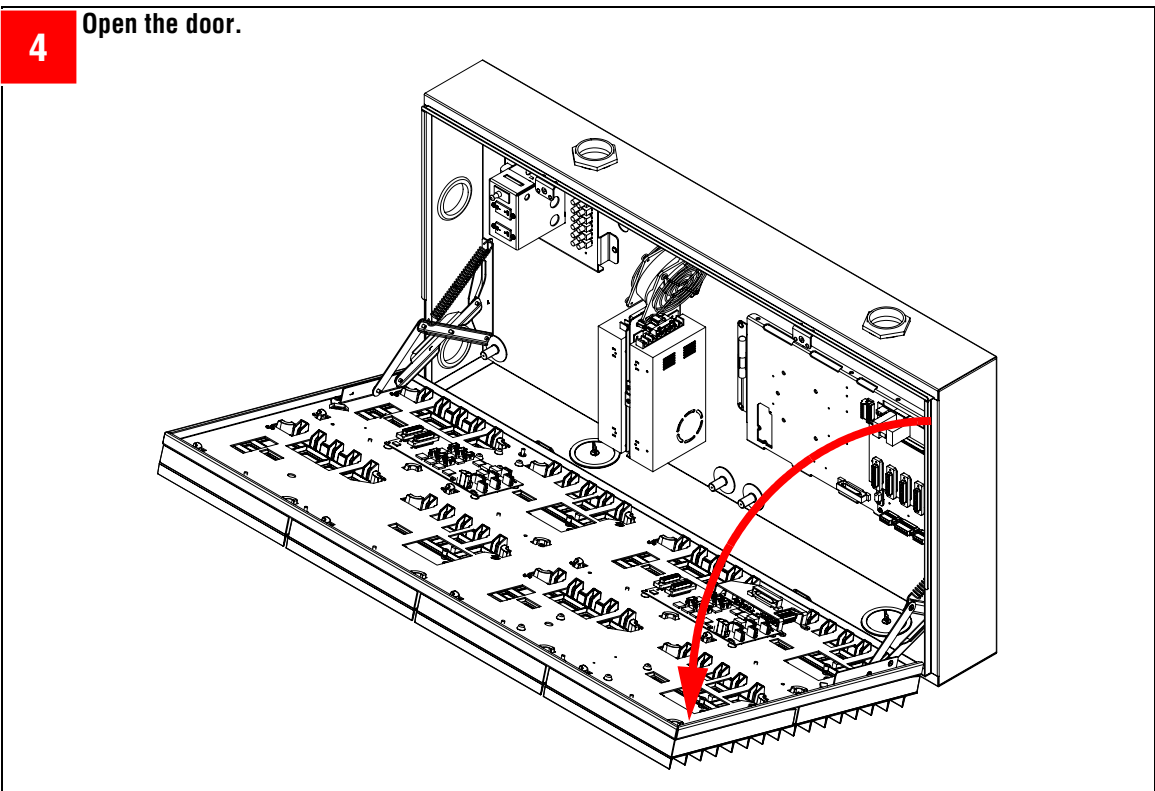


Boost Regulator

Item	Description
A	DC in from power supply.
B	DC out to display board.
C	Power output to the controller board.
D	Power output to communication options.
E	Temperature indicator used for diagnostics.

1.2 Installation instructions

1	Prevent electrostatic discharge (ESD) or “static” damage to the replacement part. <ul style="list-style-type: none">For safe handling of ESD-sensitive parts, see TechMemo #00-0005.	 <p>ATTENTION OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICE</p>
2	Remove power from the sign.	 <p>WARNING Hazardous voltage. Contact with high voltage may cause death or serious injury. Always disconnect power to unit prior to servicing. SM1000A</p>
3	Loosen the hex screws (circled below) for the controller section of the sign.  <ul style="list-style-type: none">Use a 5/32 hex tool to loosen the hex screws.Screw counts may vary based on sign size.	



6	Place the new boost regulator in the sign. Tighten the screws and reattach the cables.
7	Close the sign door.
8	Reapply power to the sign.

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