

## DIAGNOSIS AND TESTING (Continued)

## CELO TEST (Continued)

TEST STEP	RESULT	ACTION TO TAKE
<b>3</b>		
<ul style="list-style-type: none"> <li>Connect voltmeter between BSC ignition Pin 3 and ground Pin 4.</li> <li>Is voltage greater than 10 volts?</li> </ul>	No	CHECK V ignition circuit fuse, continuity in wiring. (thru HBR)
	Yes	GO to 4.
<b>4</b>		
<ul style="list-style-type: none"> <li>Connect voltmeter between BSC input Pin 2 and ground Pin 4.</li> <li>Is voltage greater than 3 volts?</li> </ul>	No	GO to 5.
	Yes	GO to 6.
<b>5</b>		
<ul style="list-style-type: none"> <li>Connect voltmeter between BSC output Pin 1 and ground Pin 4.</li> <li>Is voltage greater than 1 volt?</li> </ul>	No	Damaged motor, B+ feed to motor.
	Yes	REPLACE BSC.
<b>6</b>		
<ul style="list-style-type: none"> <li>Connect voltmeter between control assembly Pin 23 and Pin 24.</li> <li>Is voltage greater than 3 volts?</li> </ul>	Yes	REPLACE control assembly.
	No	CHECK circuit continuity.

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## Condition No. 2

High blower only: no low blower speed, AUTOMATIC, thumbwheel turned to LO.

## VOLTMETER CONNECTIONS

TEST STEP	RESULT	ACTION TO TAKE
<b>1</b>		
<ul style="list-style-type: none"> <li>Disconnect BSC electronic connections.</li> <li>Is blower on?</li> </ul>	Yes	Faulty blower motor or blower wire circuit.
	No	GO to 2.
<b>2</b>		
<ul style="list-style-type: none"> <li>Reconnect BSC and connect voltmeter between BSC input Pin 2 and ground Pin 4 (auto function). Rotate blower thumbwheel from high to low blower.</li> <li>Is voltage greater than 7 volts?</li> </ul>	No	REPLACE control assembly.
	Yes	REPLACE BSC.

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## Condition No. 3

Blower operates but does not vary with thumbwheel movement.

## VOLTMETER CONNECTION

TEST STEP	RESULT	ACTION TO TAKE
<b>1</b>		
<ul style="list-style-type: none"> <li>Connect voltmeter between BSC input Pin 2 and ground Pin 4 (AUTOMATIC position). Rotate blower thumbwheel from min. to max. then back to min.</li> <li>Does voltage fluctuate?</li> </ul>	Yes	GO to 2.
	No	Replace control assembly.