

GAC APPLICATION NOTE (all of the components specified are sold separately)

**GAC COMPLETE ELECTRONIC GOVERNING SOLUTION FOR THE CATERPILLAR G3406 NATURAL GAS ENGINE**

<b>Document Title:</b>	<b>Caterpillar G3406 Governor Upgrade with GAC Equipment</b>
<b>Customer / OEM:</b>	Caterpillar
<b>Application(s)</b>	Industrial Natural Gas Engine
<b>Engine Make / Model</b>	14.64L, 6 cylinder
<b>Equipment Make / Model:</b>	
<b>Fuel System Type &amp; Make / Model:</b>	Natural Gas
<b>Operating Speed(s):</b>	Idle to 3600 rpm
<b>Battery Voltage:</b>	12/24 VDC
<b>Installed Products:</b>	<ul style="list-style-type: none"> <li>• Actuator: ATB652T2N-24</li> <li>• Speed Control: ESD5526</li> <li>• Interface Module: EAM121</li> </ul>

**Summary:** The Governor Shop, of Edmonton, Alberta Canada recently upgraded a 14.64L, 6 cylinder Caterpillar G3406 engine to a GAC control system, noting its ease of installation and superior performance. The EAM121 allows transparent compatibility with the Woodward Easygen controller.

**BEFORE AND AFTER INSTALLATION OF THE ATB652T2N-24 HIGH PERFORMANCE SEALED, INTEGRATED ACTUATOR / THROTTLE BODY ASSEMBLY TO THE G3406 ENGINE.**

**As Received Remote Actuator & Linkage**



**GAC ATB652T2N-24 Installed**



**ESD5526E Governor with the Anti-Windup feature  
specifically designed for gaseous fueled engine control**



**EAM121 Interface Module**

