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Coding Information

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Title: Cummins Fan Troubleshooting on 5000 and 9000

Applies To: 5000 and 9000 with Cummins engine

Troubleshooting

1. Measure the voltage at pins 6 and 17 at the 1086 connector of the ECM through a break out box.
2. Both pins will have 0v with the fan off and 6v with the fan on.
3. The ECM puts 6 volts out on pins 17 and 6. Then the high pressure switch or fan override switch connects these pins to zero volt reference pin 34 (ground) depending on the position of the switches, which causes the voltage to drop to 0v.

NOTE:

When you have an APADS module the wire runs from pin 6 to the APADS module pin 3 of the 164 connector and the APADS module grounds pin 6.

[For circuit diagram, click here.](#)

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