

Ventech Heaters



We are aware of some issues surrounding Ventech coolant heaters and their operation. Working with Ventech and Brockport Central School, we have seen issues with the RPM sensor and Ventech is addressing them.

If you have a unit where the clutch does not engage:

- Make sure that the ambient temperature is below 50°F and the coolant temperature is below 165°F
- Look for a damaged or dirty RPM sensor, replace if necessary. It is located behind the Ventech pulley but is accessible without removing the clutch. Please see Figure #1.
- A new bracket comes with a new sensor. This bracket is an improvement over the old one; install it over the RPM sensor when replacing it. Please see Figure #2.
- You should have full battery voltage at the clutch. To check this, turn the key on, turn the Ventech on and check for 12 volts at the clutch. If you do not have 12 volts at the clutch, check the in-line fuse, generally located close to the Ventech control module.

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PLEASE NOTE:

If the Ventech clutch does engage but the driver complains of no heat:

- If a drop in engine RPMs is not heard when the Ventech turns on, it could have an internal failure. In this case, contact either Ventech or a dealer.



Figure #1



Figure #2

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PLEASE NOTE:

As an added help, below are some of the replacement parts for the Ventech System:

- 940-0009-A0 RPM SENSOR
- 12-0025-A1 RPM SENDOR "HOLD DOWN" CLAMP
- 940-0007-A0 COOLANT SENSOR
- 11-0001-B1 MANIFOLD GASKET
- 950-0001-A0 ACTUATOR (at the end of manifold)
- 135-0001-B1 ECU
- 130-0003-A0 WIRING HARNESS (contains OATS {Outside Ambient Temperature Sensor})

Thanks to Hank, Rick, John and the staff at Brockport Central School for working with us on this.

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CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

SERVICE

Chittenango: 800-962-5768

Daryl Wallace or Brian Lamaitis

Rochester: 800-463- 3232

Malinda LaDue

Albany: 866-867- 1100

Ben Reiling

Warranty: 800-962-5768

Morgan Jenkins

Customer Service Representatives

Eastern Region:

Gary Bigness 845-500-3707

Central Region:

JJ Richmond 315-559-3999

Western Region:

Mike Panzica 716-908-3186

PARTS

Director of Parts

Jim Hogan

jhogan@nybussales.com

607-227-5794

Chittenango: 800-962-5768

Gari McQuade

gmcquade@nybussales.com

Bill Cox

bcox@nybussales.com

John Lewin

jlewin@nybussales.com

Dave Grant

dgrant@nybussales.com

Albany: 866-867-1100

Sean Conway

sconway@nybussales.com

John Green

jgreen@nybussales.com

Rochester: 800-463-3232

Dave Cook

dcook@nybussales.com

Steve Hibbard

shibbard@nybussales.com

Ryan Krolak

rkrolak@nybussales.com

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