

**INSTALLATION GUIDE**

Fan Controller  
Part Number: N4001



After completing all wiring reconnect battery and power up the unit. Test all gauges before reinstalling dash, bezels, and hardware to prevent having to remove it all for any future troubleshooting.



Always disconnect the battery before attempting any electrical work on your vehicle.

**KIT INCLUDES**

- One (1) Fan Controller Unit
- One (1) Temperature Sending Unit with ½" Bushing
- Four (4) Insulated Butt Connectors

**SPECIFICATIONS**

- Temperature Range: 18-225°F
- Fan Speed Output: Half (idle) - Full Speed (20% temperature Increase)
- Operating Voltage: 12-14 volts DC
- Output Control to Fan: Ground Switch
- Engine-off run time: 1 minute

**INSTALLATION**

- **White (12 AWG)** - Remove vehicles factory ground and replace with this wire.
- **Black (12 AWG)** - Connect to battery ground terminal.
- **Orange (18 AWG)** - Connect to battery positive terminal.
- **Black (18 AWG)** - Connect to vehicle ground.
- **Blue (18 AWG)** - Install the temperature sending unit in place of your existing sender. If the vehicle's current sending unit sends a signal to the vehicle gauges or computer, it is recommended for you to leave it in place and install the provided sender in another manifold port.
- **Yellow (18 AWG)** - Connect to vehicle switched key-on power.

**SET IDLE TEMP SPEED**

1. Remove the rubber plug and ensure potentiometer (Phillips screw) is turned completely clockwise. This keeps the fan turned off.
2. Run vehicle until it reaches normal idle temperature.
3. Slowly turn the screw counterclockwise just until the fan turns on and stop (This sets the fan to half speed at idle).
4. Replace rubber plug to prevent water damage.

