

GM E38 PWM-CAN FAN CONTROLLER (POS-NEG)



- (30) SW12 volts (PINK)
- (31) Ground (BLACK)
- (X) Negative Fan Input (BLUE) (optional)
- (C) Positive Fan Input (VIOLET) (optional)
- (87) PWM FAN Output (GREY)
- (H) CAN + High (BROWN)
- (L) CAN - Low (TAN)

Pink	Wire to switched 12volts
Black	Wire to ground
GREY	Wire to PWM fan signal wire
BLUE	INPUT 1 NEGATIVE (optional)
VIOLET	INPUT 2 POSITIVE (optional)
BROWN	Wire to CAN + High
TAN	Wire to CAN - Low

Operation:

When the engine is running the PWM fan will run at a **low Idle** speed (15%).
The module will read the engine temp and it will command the fan to the desired %.

200 degrees	= 30%
205 degrees	= 50%
210 degrees	= 60%
218 degrees	= 75%
220 degrees	= 100%

AC Pressure Monitoring:

This module will monitor the AC pressure and will adjust the fan speed based on the pressure. It will always command the highest speed requested.

Override inputs: These are optional inputs depending on if you ordered them. These inputs will run the fan as long as the unit is powered up, the engine does **not** have to be running for these to work. You can use these in various ways.
Example: AC input signal to run the fan at a higher speed when the AC is on or for a override switch to command the fan on.

: When the (VIOLET 2) wire has 12 volts applied the fan will run at **SET** speed.

: When the (BLUE 1) wire is Grounded the fan will run at **SET** speed.

GM E38 ECU



