

AC Request Module

Positive or Negative Control



Pink wire to switched 12 volts

Black wire to Ground

Brown wire to GM CAN+

Tan wire to GM CAN -

Violet wire to the AC control that will be 12 volts when AC is turned on.

Blue wire to the AC control that will be grounded when AC is turned on.

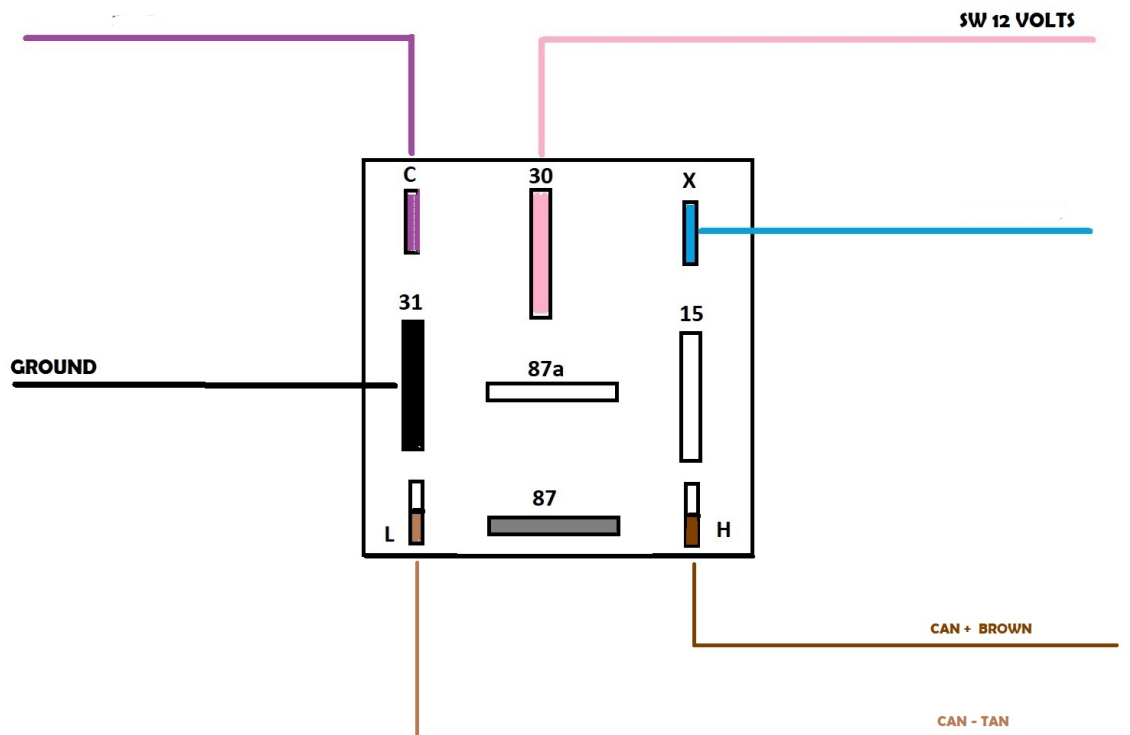
When wired properly this unit will send a AC request signal to the GM ECU.

When neither input is active the AC request signal will be sending "not requested"

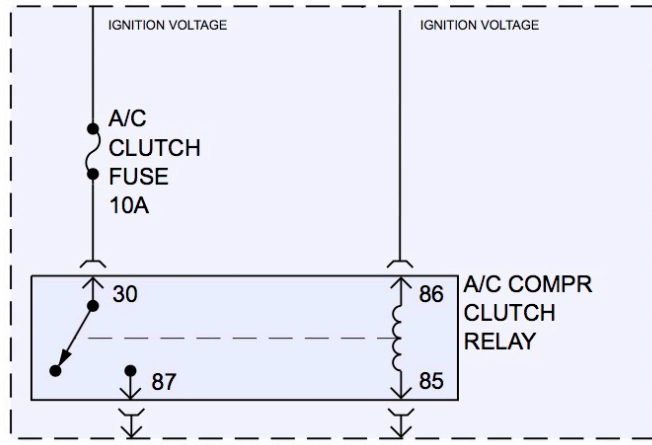
When either input is active it will send "AC requested" to the GM ECU.

This unit is also sending the GM alternator charging rate signal so you can run the stock GM alternator without it being in fail safe mode. you should see around 13.8 - 14.4 volts depending on the load.

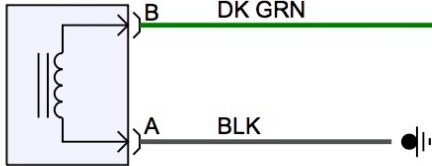
AC REQUEST MODULE HI-LOW



Typical GM AC Compressor Controls

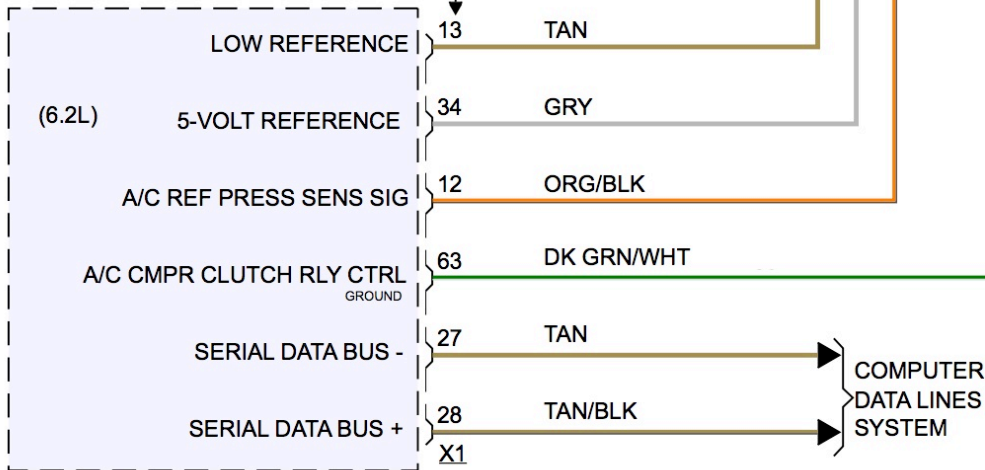
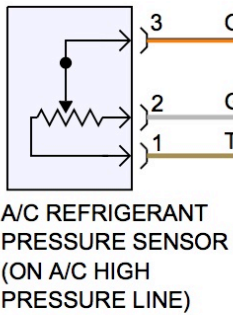


A/C COMPRESSOR CLUTCH



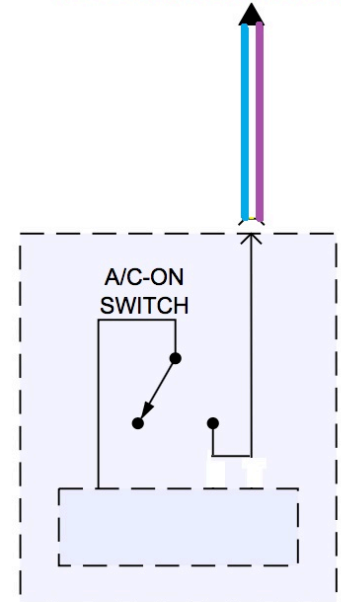
DK GRN

DK GRN/WHT



ENGINE CONTROL MODULE

To AC Request Module Inputs



AC CONTROL SWITCH

VIOLET is grounded when Ac is on
BLUE is 12 volts when AC is on
You only need 1 input for operation

GM E38 ECU

