

EZ-PWM FAN CONTROLLER - 07-18 Jeep JK

Optional Positive Over Ride Input



- SW12 volts (**PINK**)
- Ground (**BLACK**)
- PWM Signal Output (**GREY**)
- CAN + High (**White** - **Black**)
- CAN - Low (**White** - **Blue**)
- Positive Fan Input (**VIOLET**) *optional*

2007-2011

Pink to C1-11 Pink/Grey
Black to C1-9 Black/Green.
GREY to PWM fan signal wire
White/Black to C1-34 White/Black
White/Blue to C1-35 White/Blue
VIOLET INPUT 2 (*optional*)

2012-2018

Pink to C1-23 Pink/Grey
Black to C1-52 Black
GREY to PWM fan signal wire
White/Black to C1-57 White/Black
White/Blue to C1-33 White/Lt Blue
VIOLET INPUT + POS (*optional*)

Operation:

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

Fahrenheit

199 degrees = 30%
 205 degrees = 50%
 212 degrees = 75%
 219+ degrees = 100%

Celsius

92 degrees = 30%
 96 degrees = 50%
 100 degrees = 75%
 103+ 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 an override switch to command the fan on.

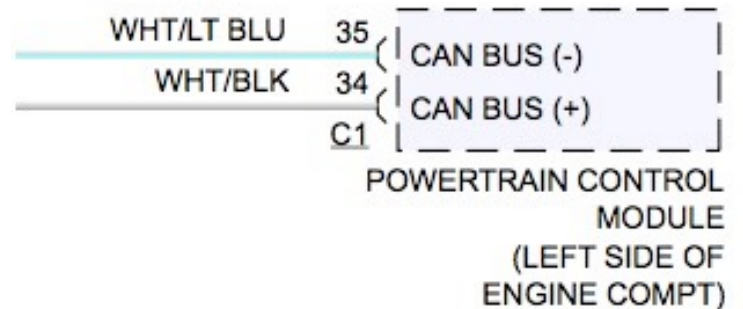
: When the (**VIOLET 2**) wire has 12 volts applied the fan will run at **HIGH** speed.

Common areas to pick up CAN High and Low are:

At The ECU 07-11 JK or older HEMI with 4 plug ECU

C1-34 WHT-BLK. CAN + HIGH

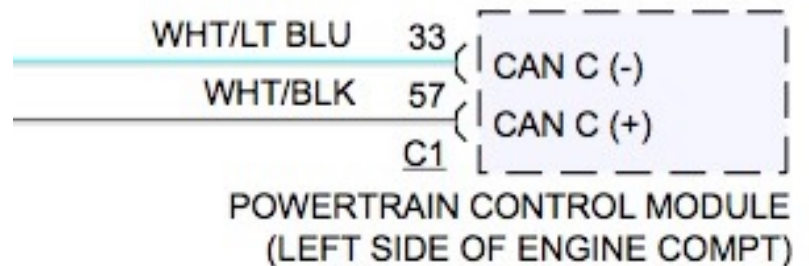
C1-35 WHT-BLU. CAN - LOW



12+ JK or newer HEMI ECU with 2 plugs

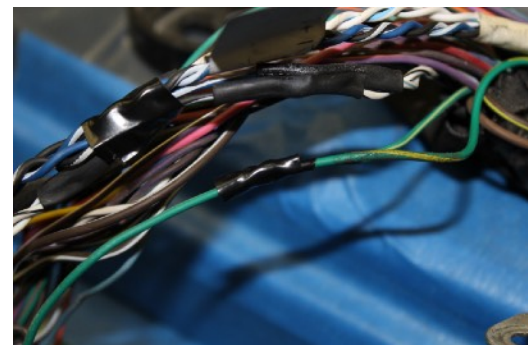
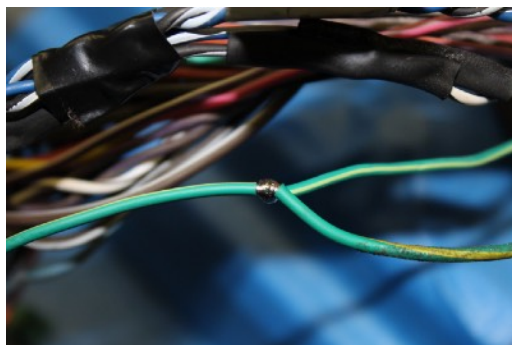
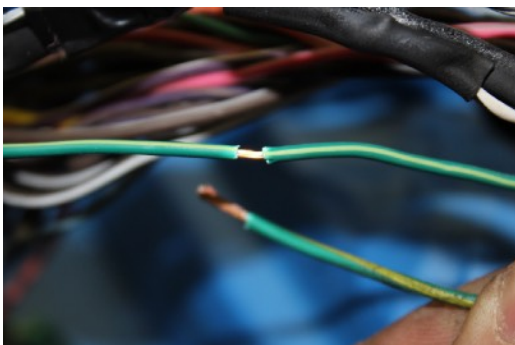
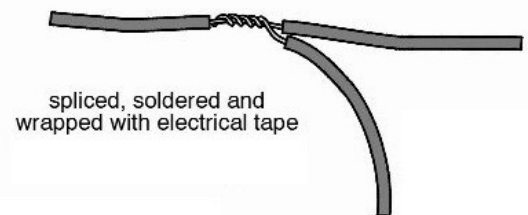
C1-57 WHT-BLK. CAN + HIGH

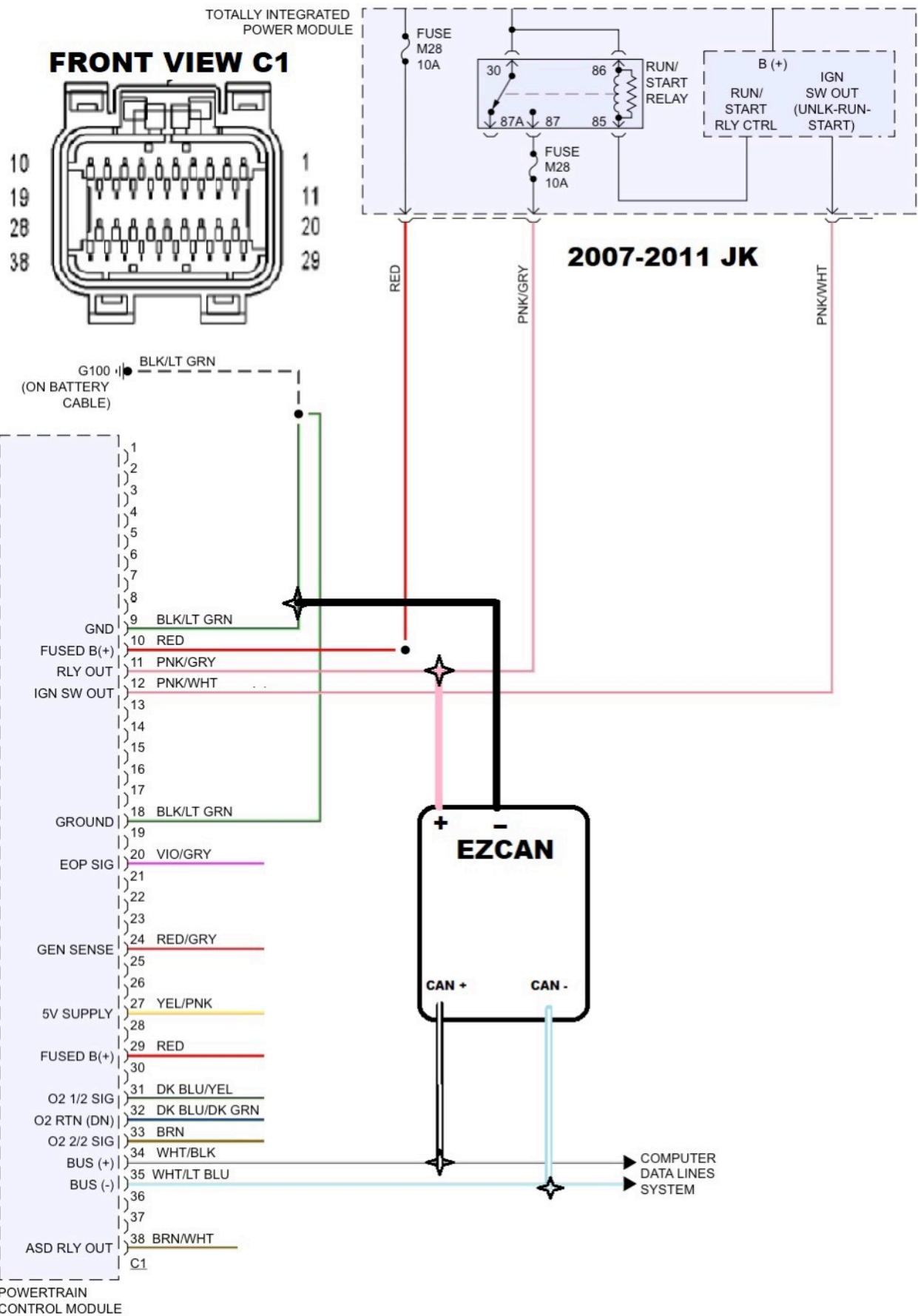
C1-33 WHT-BLU. CAN - LOW

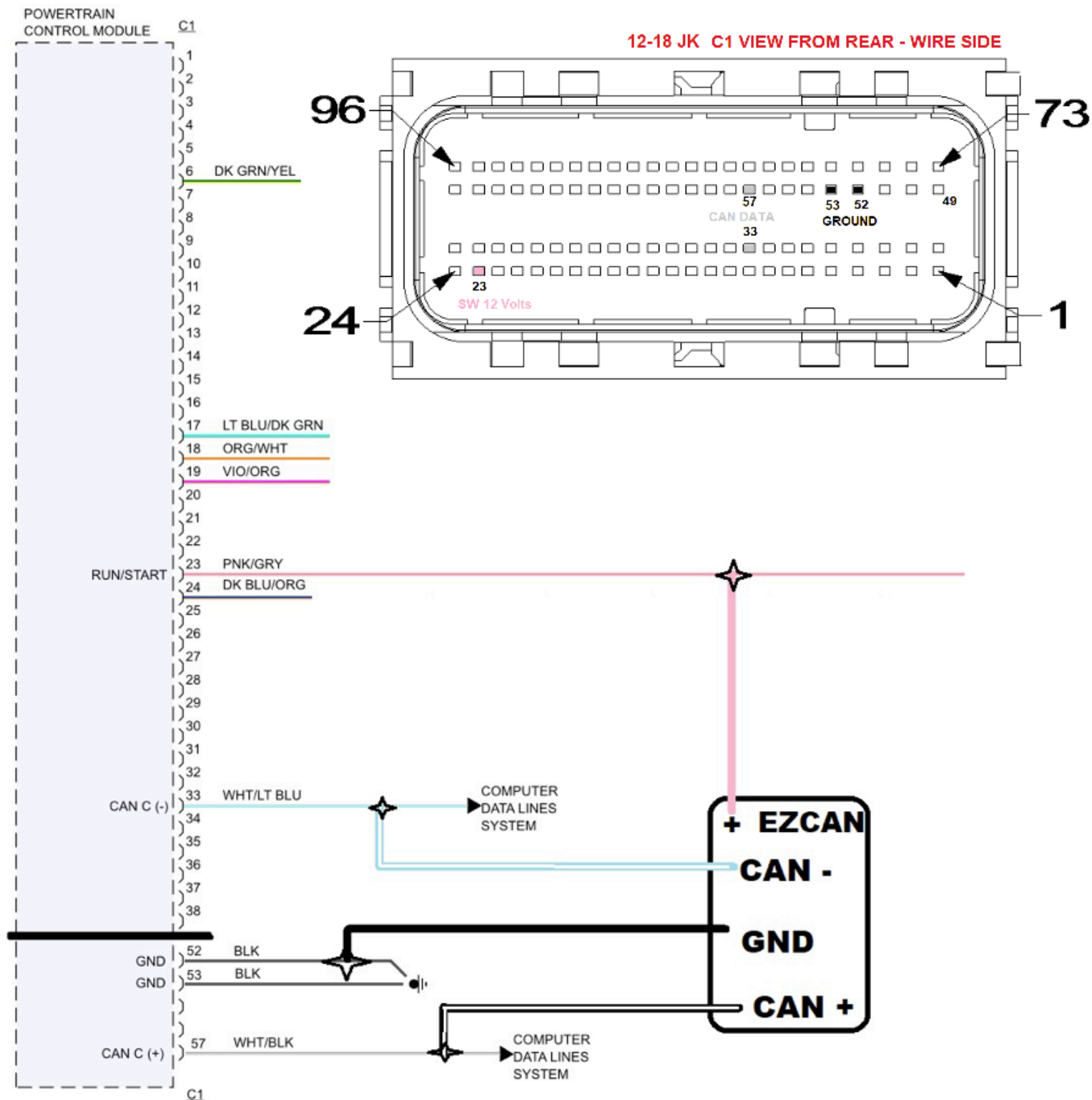


You will be splicing into the CAN wires:

Find the wire you want to splice into and peel back a little insulation. Take the new wire and strip off a little insulation and wrap it around the exposed wire. Solder and tape up as seen in the picture below.







2012-2018 Resistor Add On: Cures CODE P0481

Find the original signal wire in the fan connector harness. It will be the smaller wire. Go back about 4" and cut this wire.

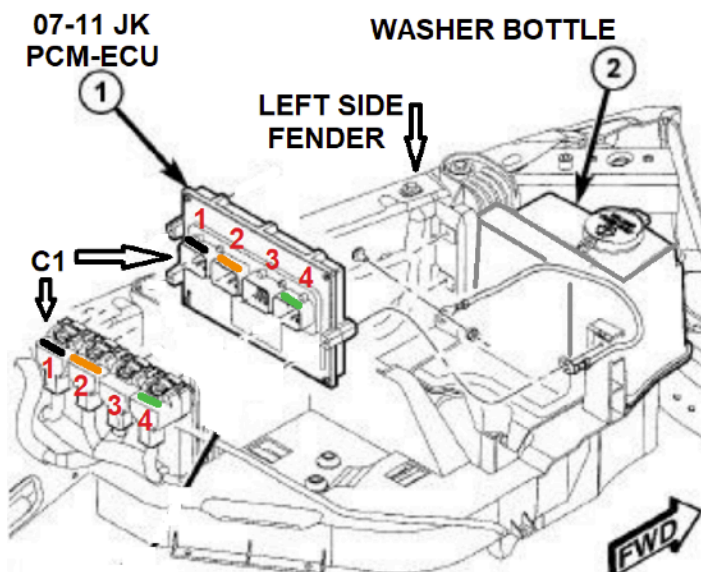
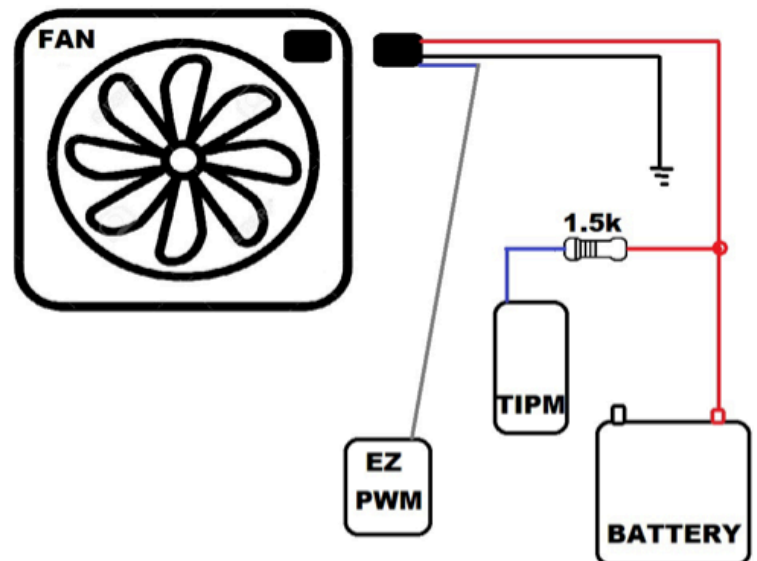
Attach the signal wire from the PWM module to the wire that goes towards the fan connector. You may have to extend the grey wire to reach.

For the original fan wire that goes back into the harness you will need to add a 1.5k ohm resistor (supplied) between the old signal wire and battery 12 volts.

This will help keep the check engine light from setting a fan code.

The resistor we supply has a short red and blue wire attached to it.

12+ Jeep JK PWM FAN



12-18 JK 3.6 ECU

