



P-030003 1999-2002 Full Size Truck Fan Kit Subharness

Forward

Thank you for purchasing our fan kit for 99-02 full size trucks. This kit makes use of two temperature outputs in the computer and integrates it with an air conditioning fan speed increase.

Add temperature trigger wires to ECM

1. Remove the connectors on the PCM. The PCM is located just underneath the battery. Remove the light gray PCM wire covers and pop the translucent face off the connector. The connectors are identical so remember which one is blue and which is red. Damage can be done if you plug the wrong connector into the PCM.
2. Add the trigger wires to the PCM harness. First if equipped remove the dark green wire going to spot RED 33. Use the supplied heat shrink to cover the pin. Fold the protected wire back into the harness. Add the BLUE wire from our harness to this spot. Add the GREEN wire to spot to BLUE 42. *(Figure 2)*

Splice into compressor control wire

3. Splice into A/C compressor control wire. This wire is Dark Green. You can splice into it at the A/C compressor connector pin B or you can get to it at the fuse block.
 - To splice into the fuse block.
 - A. First remove fuse block dress cover. It is held together by tabs.
 - B. Push plastic tab holding down fuse block allowing the fuse block to rotate up.
 - C. Locate C2 *(Figure 1)* and loosen screw allowing it to be unplugged.
 - D. For 99-02 models tap the light blue wire from our harness into the dark green going to position B3. For 02+ models go to position A3. *(Figure 3)*
 - E. Reassemble fuse block

Final Connections

4. Ground the black wire with eyelet to the alternator/accessory bracket ground.
5. Plug the two pin weather pack harness into our main fan harness.
6. You can change how the A/C can increase the fan speeds by cutting or leaving connected the yellow jumper wire. See operation tables for more details.

Operation - Yellow Jumper Connected

Condition	Fan Low	Fan High
A/C OFF Engine Cold	OFF	OFF
A/C ON	ON	OFF
A/C ON Temp low met	ON	*****ON*****
Temp Low met	ON	OFF
Temp High met	ON	ON
Temp High met A/C ON	ON	ON

Operation - Yellow Jumper Cut

Condition	Fan Low	Fan High
A/C OFF Engine Cold	OFF	OFF
A/C ON	ON	OFF
A/C ON Temp low met	ON	***OFF***
Temp Low met	ON	OFF
Temp High met	ON	ON
Temp High met A/C ON	ON	ON

Kit includes

1. Heat shrink to protect pin originally in PCM RED 33
2. Wire tap and reducing butt splice connector for splicing into compressor control. Either can be used. Customer choice. Reducing butt splice is best option.
3. Control board

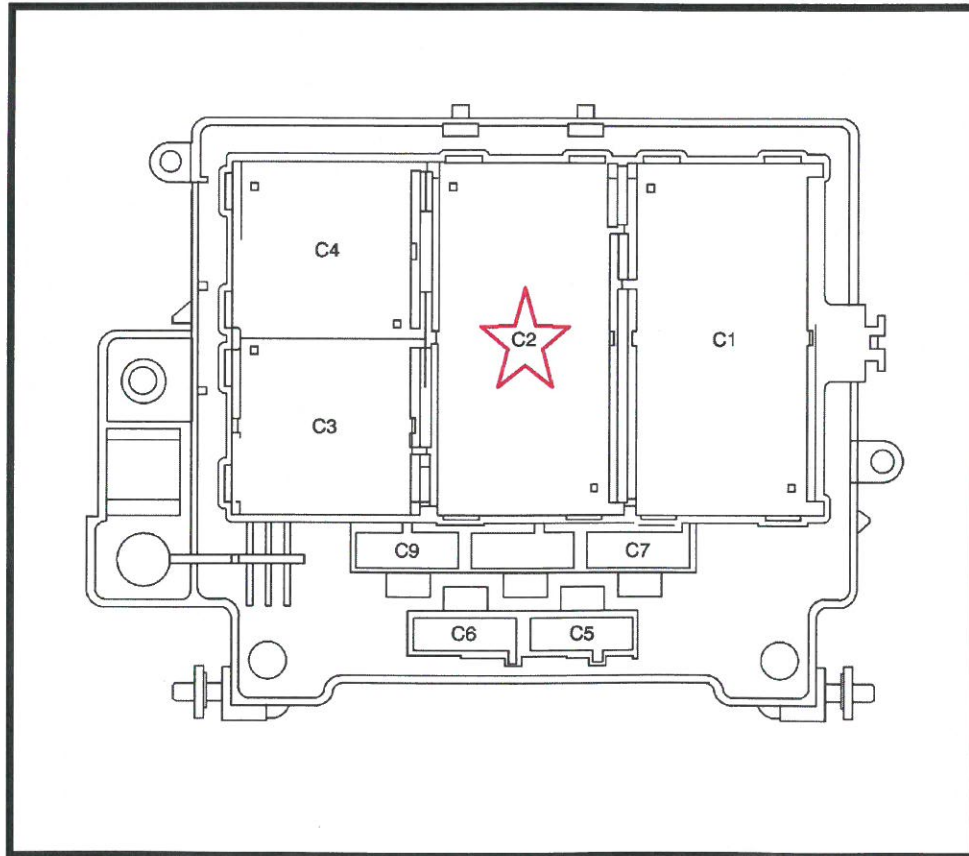


Figure 1 C2 in underhood fuse block

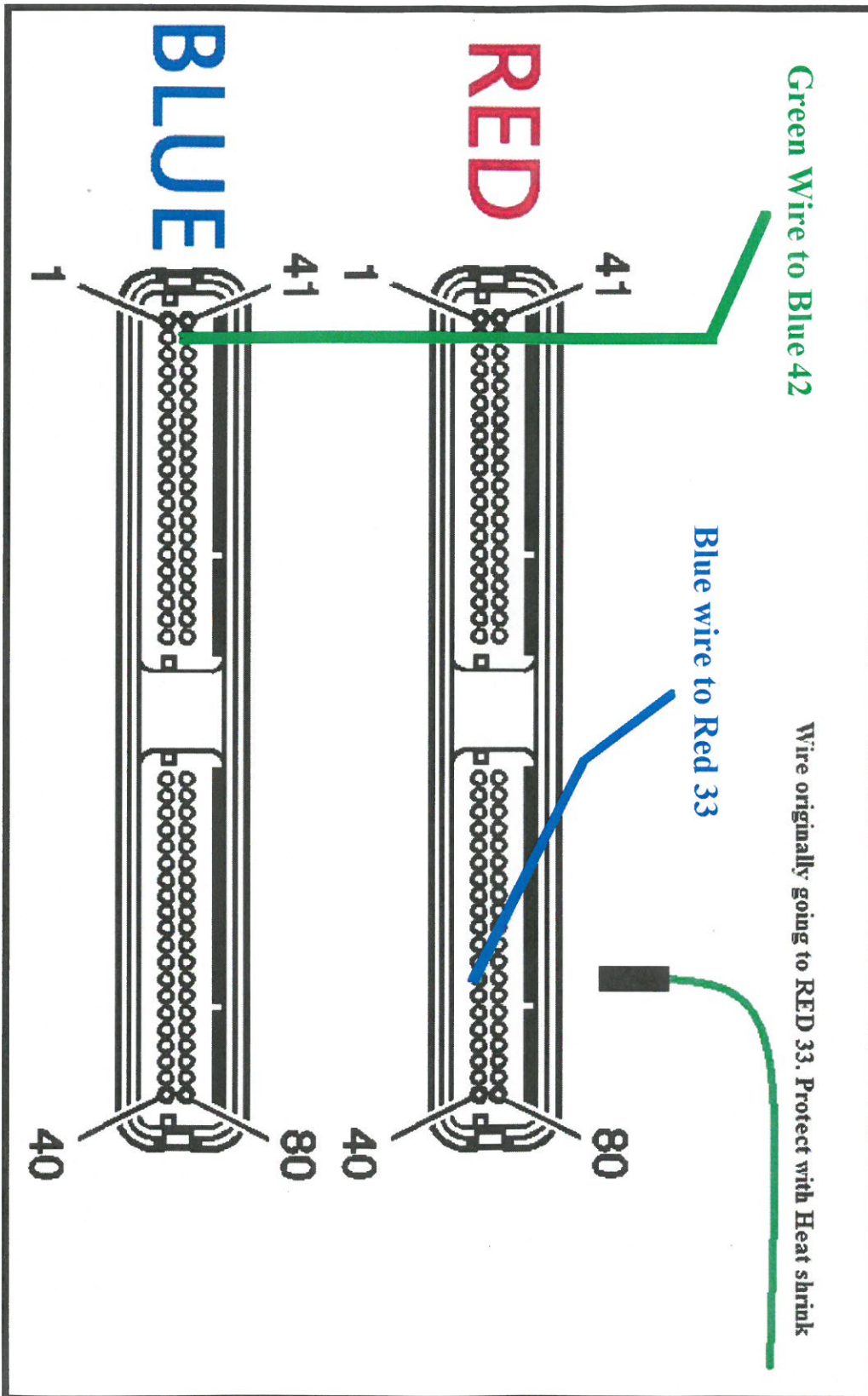


Figure 2 PCM Pin locations

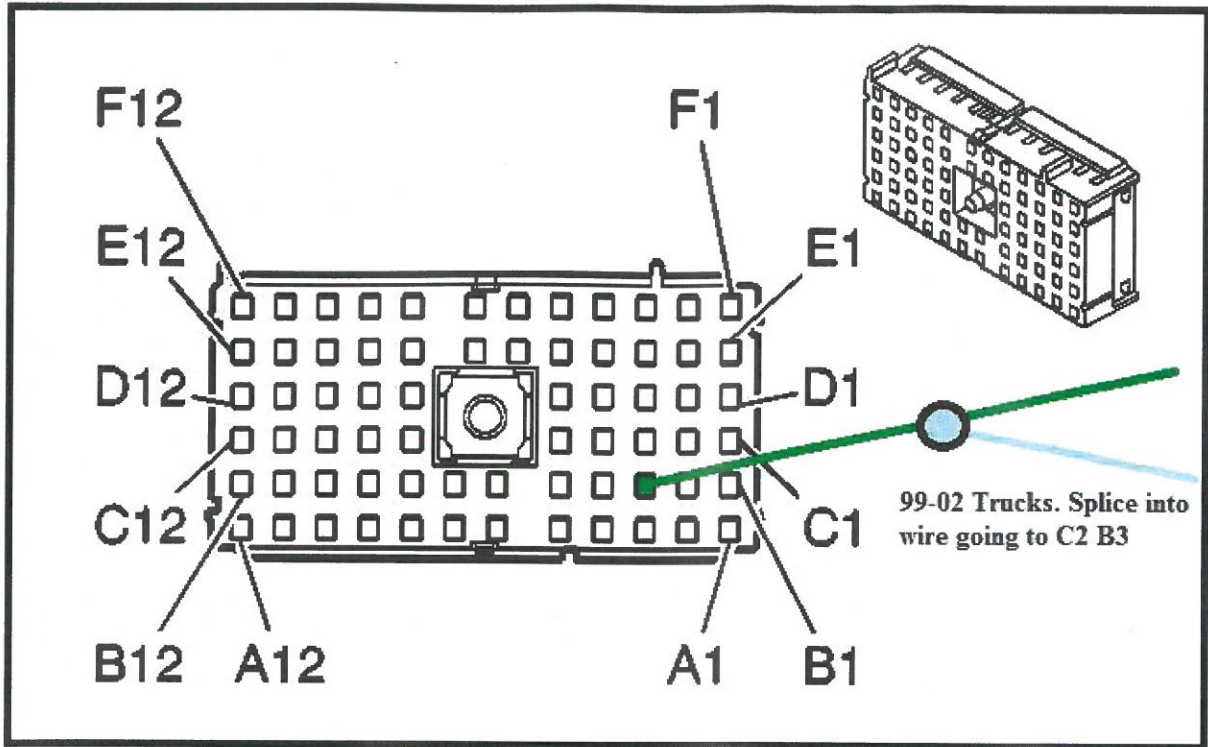


Figure 3 Fuse block splices



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 (return shipping not included)

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