

## Fiero C203 & C500

This is a list of all the connections that are needed to tie into the Fiero electrical system when doing an engine conversion. This list is to aide in the wiring process. All circuits should be verified before any connections are made. To the best of my knowledge, all of the info below is correct.

The C203 connector is clear plastic and located under the center console. The C500 connector is next to the battery, half of it is for the tail light harness, the other half for the engine. Descriptions of each one follows:

### Fiero C203 connector

Pos.	Wire color	Circuit	Description
A	Tan/Black	Upshift lamp	Grounding this wire will make the upshift indicator come on.
B	Orange	Fuel Pump	Positive feed for the fuel pump relay. Hot at all times fused 10A
C	Brown/White	SES lamp	Grounding this wire will make the "Service Engine Soon" indicator come on
D	Lt Blue	A/C on	Positive feed for the A/C compressor control relay coil. Hot when A/C is on.
E	Tan	Oil gage	Connect to oil pressure sender, 90 ohms at max pressure
F	Pink/Black	ECM Ign.	Positive feed for ECM. Hot in run, bulb test, or start. fused 10A.
G	Yellow	VSS high	VSS input to speedometer. Connect to magnetic VSS or converted 4000 PPM signal from ECM. Note 3
H	Brown	VSS feed for ECM	Feeds buffered VSS signal to ECM when a magnetic VSS is connected to speedometer. Note 3
J	Pink	TBI INJ1	Positive feed for injector. Hot in run, bulb test, or start. fused 5A
K	Pink	TBI INJ2	Positive feed for injector. Hot in run, bulb test, or start. fused 5A
L	Tan/White	Fuel pump	Positive side of fuel pump, gets connected to the COM terminal of the fuel pump relay.
M	Black	VSSB ground	Connect to ground
N	Black	A/C Power	Positive feed for A/C compressor control relay contacts. Fused 25A
P	Purple	TCC Brake switch	TCC brake. Hot in run, bulb test, or start only when brake pedal is NOT depressed.

R	Purple	VSS low	VSS input to speedometer. Connect to magnetic VSS or to ground if using optical VSS and converter. Note 3
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### Notes

1. F is the switched power feed for the ECM, all switched 12 volt inputs on the ECM can be connected to this terminal. The constant 12 volt supply for the ECM comes from the rust colored fusible link with a single weatherpack disconnect at the terminal block near the battery.
2. J, & K are the positive feeds for the fuel injectors, One for each injector on TBI systems or one for each bank on PFI systems.
3. The Fiero speedometer system works differently than most other GM vehicles. Click [HERE](#) for more info.

## Fiero C500 connector

I've found that the C500 connections vary considerably depending on year.

Pos.	Wire color	Circuit	Description
A2	Black	Ground	Ground
A4	Yellow	Start	Hot in start, connect to gear selector switch. Automatic only
B3	Brown	Charge	Charge indicator light. Connect to alternator brown wire.
C1	Dark Blue	Reverse	Reverse light switch power feed. Connect to gear selector switch(auto.) or reverse switch(man.) Fused 10A. Note 1
C2	DkGreen/White(V6) Tan(L4)	Temp gage	Connect to temp sender, 1365ohm@100deg.,55ohm@260deg.
C3	White	Tach	Connect to coil or ign module.
D1	Dk Green/white	Fan switch	Connect to grounding fan switch or ECM fan output
D2	Lt Green/Black	Fan switch	Same as above(with optional two speed fan only)
D3	Dark Green	Temp lamp	Connect to grounding temp switch or ECM temp output.
E1	Lt Green	Reverse	Connect to gear selector switch(auto.) or reverse switch(man.) along with C1. Note 1
E2	Purple	Start	Hot in start, connect to starter. Manual only
E3	Pink	Ignition	Hot in run, bulb test, or start. Power feed for ignition coil

1. Cars equipped with four speed manual transaxle use a shifter mounted reverse switch. Cars with five

speed use a transaxle mounted switch. '85 and newer cars are wired for both switches.

2. There is a stud terminal directly under the C500 for making all +12 volt constant connections.
3. The Fiero uses a separate module for cruise control. It is located behind the carpet on the drivers side inner kick panel. If you wish to use the new donor ECM to control the cruise control (recommended), you will need to extend the wires from the original module to the new ECM.

[MAIN MENU](#)