

Wiring up an electronic cruise control system using a relay

In the Engine Compartment					
Electronic Cruise Control Module			Fiero Wiring		
Module Circuit	Pin	Wire Color	Action	Wire Color	Pin Location / Description
Cruise On/Off Signal	A	GRY	Connect to →	???	Master Cruise Control On/Off switch (hot with cruise switch on)
Set/Coast Signal	B	DK BLU	Connect to →	???	Cruise Control Set/Coast button (hot when set/coast button is depressed)
Resume/Accel Signal	C	GRY/BLK	Connect to →	???	Cruise Resume/Accel button (hot when resume/accel button is depressed)
TCC Brake Input N.C.	D	BRN or PPL	Connect to →	???	Brake Switch (hot with key on and brakes not applied; 0 volts when brakes applied)
Ground	E	BLK or BLK/WHT	Connect to →	BLK	Ground
Ignition B+ 12v Signal	F	PNK or BRN	Connect to →	BLU	Ign1 12V B+ source (hot in run; protect with 10 amp fuse)
Brake Lamp Input N.O.	G	WHT	Connect to →	?	Terminal "30" of the Relay
Cruise Inhibit Signal ¹	H	DK GRN	Connect to →	BLK	Ground
Cruise Engaged Signal	J	<i>not used</i>	<i>do nothing</i>	-	<i>not used</i>
4k ppm VSS input Signal	K	DK GRN	Connect to →	DK GRN	4000ppm VSS signal from computer (or Fiero speedo 4000 ppm source)

StopLamp / Brake Switch Controlled Relay²					
Relay	Term	Action	Pin Location / Description		
Control Coil	85	Connect to →	Brake Switch (hot with key on and brakes not applied; 0 volts when brakes applied)		
Control Coil	86	Connect to →	Ground		
Relay switched common	30	Connect to →	Term G of the electronic cruise control module		
Relay N.C. term	87a	Connect to →	Ign1 12V B+ source (hot in run; protect with 10 amp fuse)		
Relay N.O. term	87	Connect to →	Ground		

¹Cruise Inhibit Circuit Note: Some Electronic Cruise modules will need this circuit left "open", or will need this circuit grounded to operate properly, depending on vehicle origin.

²Any standard 5-terminal, 12v relay can be used in this application. Automotive grade relay recommended.

"hot" = 12v + voltage

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