

Job Name: EFI Guy C-115 Pin Descriptions

Video #2 Times 11:46 to 42:37

PIN	Color	Description	Direction
1	Red / Gn Stp	Power to Ignition Coils - Ign Relay	Right
2	Brn / Yellow Stp	Tach Signal - going inside vehicle	Left
3	Pink / Ppl Stp	Twisted pair to OBD II Port	Left
4	98 - Red / Grn Stp	Brake light switch - Hot when on brakes	Left
4.5	96 / 97 - Green	Same as above	Left
5	Green / Yellow Stp	Fuel pump monitoring curcuit - splice goes left to inertia (fuel pmp)	Right
6	Pink / Green Stp	Check engine light - Comp grounds bulb - other side hot w/ key on	Left
7	Gray / Blk Stp	Vehicle speed sensor plus wire - VSS / Cruise / Dakota digital spedo	Depends
8	Yellow	Active memory to computer - Hot all the time. Fuse at 4 to 10 amp	Right
9	Red	PCM Relay - Power to computer when key is on.	Right
10	Yellow / Wht Stp	Signal from Instmnt cluster - Fuel level sensor for Evap - Delete	Delete
11	Brn / Orng Stp	Second half of twisted pait - going to OBD port	Left
12	Tan / Wt Stp	OD Lockout - momentary switch in cab	Left
13	Blank		XXX
14	Purple / Wt Stp	Explorer evap sys - Can move from 67 to 41 on PCM for high idle	Right
15	Blue / Orng Stp	Ground control to fuel pump. To relay box to control pump relay	Right
16	Red / Wt Stp	Coolant Temp Sender for gauge in cab.	Left
17	Pink / Red Stp	Fuel tank pressure sensor. Delete	Delete
18	Gray / Red Stp	O2 signal return. Delete	Delete
19	Brown / Wt Stp	5 volt reference. Fuel tank pressure. Delete	Delete
20	Blank		XXX
21	Black / Pink Stp	4R70W - Power out of reverse light switch. Goes under dash	Left
22	Purple	To OBDII Port - Used to reflash computer.	Left
23	Blank		XXX
24	Pink	Start signal from ign switch - Hot in start - Neutral safety switch sig	Left
25	Purple / Ornge Stp	Power in for reverse light switch. Fuse at 10 amps. (right if fuse box)	Left
26	Green / Wt Stp	Oil pressure sender for gauge in dash.	Left
27	Blank		XXX
28	Blank		XXX
29	Blank		XXX
30	Pink / Yellow Stp	Remove. Used for computer to cut A/C in full throttle. Delete	Delete
31	Tan / Red Stp	4R70W use only. NSS out - To S term on Starter. Delete	Delete
32	Blank		XXX
33	Red / Wt Stp	Neutral signal to GEM module	Delete
34	Black / Wt Stp	Ground for computer.	Right
35	98 - Black / Ylw Stp	Ground for A/C operation. Run to ground and let hot side control	Right
35.5	96 - Blank		XXX
36	Blue / Orng Stp	O2 sensor heater circuits. Power from O2 sensor relay. (hvy gauge)	Right
37	98 - Purple	Power for A/C system. Hot anytime A/C or high idle.	Left
37.5	96 - Dk Gn / Ornge Stp	Power for A/C system. Hot anytime A/C or high idle.	Left
38	Blank		XXX
39	Green / Blk Stp	Vapor valve / purge valve. Delete	Delete
40	White / Grn Stp	Overdrive off light in dash. Grounds bulb / other side hot.	Left
41	Lt Grn / Red Stp	Energizes Alt. Can be used as charge light.	Right
42	Yellow / Wt Stp	Alternator sense wire. Can be fused if running a bigger fuse box	Right
42.5	96 - Black / Wt Stp	2nd Ground - Run with ground from 34 - Ground to chassis	Right