

1982 CAMARO Z28 5.0L Cross Fire TBI -- 555 ECM Terminal Connection Diagram

Circuit	Color	Description	Point	Point	Description	Color	Circuit
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WHITE Connector – Locking Clip on Right Side for Chart

		Spare	1	24	Spare		
437	BRN	Vehicle Speed Sensor	2	23	E-Cell	DR. BLU/WHT	42
451	WHT/BLK	Diagnostic Test-ALCL	3	22	4th Gear Switch		
485	BLK	Electronic Spark Control	4	21	A/C Clutch	DK GRN	59
434	ORG/BLK	Park/Neutral Switch	5	20	Check Engine Light	BRN/WHT	419
450	BLK/WHT	Dual Injector Select.	6	19	Convertor Clutch	TAN/BLK AUTO ONLY	422
461	ORN	Serial Data	7	18	Fuel Pump Relay Drive	DK GRN/WHT	465
467	LT BLU	Injector #1	8	17	Fuel Pump Relay Signal	LT BLU	120
468	LT GRN	Injector #2	9	16	Switched Ignition	PNK/BLK	439
340	ORG	Battery	10	15	Battery	ORG	
416	GRA	5 Volt Ref	11	14	MAP Ground	PPL	455
450	BLK/WHT	ECM Ground	12	13	ECM Ground	BLK/WHT	450

BLACK Connector – Locking Clip on Right Side for Chart

906	PPL	Crank Signal	1	22	EGR	GRA	435
430	PPL/WHT	HEI Reference	2	21	Spare		
453	BLK/RED	HEI Dist. Ground	3	20	MAP Signal	LT GRN	432
410	YEL	Coolant Sensor Signal	4	19	EST Signal	WHT	423
417	DK BLU	T.P.S. Signal	5	18	IAC Coil "A" LO	BLU/BLK	442
		3rd Gear Signal	6	17	IAC Coil "A" HI	BLU/WHT	441
820	GRA/RED	Hood Louvre Control	7	16	Air Divert. Solenoid	BLK/PNK	429
412	PPL	Oxygen Sensor Signal	8	15	Oxygen Sensor Ground	TAN	413
428	DK GRN/YEL	Cannister Purge	9	14	Air Switch Solenoid	BRN	436
424	TAN/BLK	EST Bypass	10	13	IAC Coil "B" LO	LT GRN/BLK	444
452	BLK	Coolant & TPS Ground	11	12	IAC Coil "B" HI	LT GRN/WHT	443

Wire Colors:

PPL = Purple	YEL = Yellow	BLK = Black	PNK = Pink
ORG = Orange	GRA = Gray	WHT = White	BRN = Brown
TAN = Tan	RED = Red		
DK BLU = Dark Blue		DK GRN = Dark Green	
LT BLU = Light Blue		LT GRN = Light Green	

/ = Base Color/Stripe Color

Circuit 422 originally had a wire color of Tan/White and was changed to Tan/Black
Circuit 432 originally had a wire color of Dark Blue/Gray and was changed to Light Green