

G5 VOODOO PRO

Installer I/O Table



#	Wire Description	Installer Connection	Typical Application
A6	Ignition Switch	+14 Volt Ignition Switched	Controls internal hold power relay, required to turn ECU on
A8	Trigger 1	Crank Angle Sensor	Reluctor, Proximity, Optical or Hall
A9	Trigger 2		
A15	Analogue Temp Input 1		Thermistor Sensors
A16	Analogue Temp Input 2		
B6	Analogue Temp Input 3		Temp 1 & 2 have selectable / no pullups
B7	Analogue Temp Input 4		
A17	Analogue Volt 1		0-5V Input from sensor or external controller
A22	Analogue Volt 2		
A33	Analogue Volt 3		
A14	Analogue Volt 4		
B33	Analogue Volt 5		
B15	Analogue Volt 6		
B16	Analogue Volt 7		
B23	Analogue Volt 8		
B24	Analogue Volt 9		
B31	Analogue Volt 10		
B32	Analogue Volt 11		
E12	Analogue Volt 12		
E13	Analogue Volt 13		
B14	Analogue Volt 14		
A32	+5V Out	TPS and MAP sensor power	+5V Power OUT
A13	Ignition 1		Use spare Ignition channels for Auxillary Outputs
A12	Ignition 2		
A11	Ignition 3		
A10	Ignition 4		
B13	Ignition 5		
B12	Ignition 6		
B11	Ignition 7		
B10	Ignition 8		
A4	Injection 1		Wire Inj 1 to cyl 1, 2 to 2, 3 to 3, etc... Use spare Injection channels for Auxillary Outputs
A3	Injection 2		
A2	Injection 3		
A1	Injection 4		
B4	Injection 5		
B3	Injection 6		
B2	Injection 7		
B1	Injection 8		
E4	Injection 9		
E3	Injection 10		
E2	Injection 11		
E1	Injection 12		
E11	Injection 13 / Ignition 9		Use spare channels for Auxillary Outputs
E10	Injection 14 / Ignition 10		
E9	Injection 15 / Ignition 11		
E8	Injection 16 / Ignition 12		
A21	Auxillary Output 1		PWM or General Switching Function Three Wire ISC Solenoid must be wired to Aux1 and Aux2 or Aux3 and Aux4 Flywheeled, Low side only
A20	Auxillary Output 2		
A19	Auxillary Output 3		PWM or General Switching Function Flywheeled, High / Low Side Drives Stepper (4 or 6 terminal)
A18	Auxillary Output 4		
A29	Auxillary Output 5		E-Throttle Motor or PWM or General Switching Function Flywheeled, Low side only
A28	Auxillary Output 6		
A27	Auxillary Output 7		
A26	Auxillary Output 8		
B18	Auxillary Output 9	(E-throttle Motor 1 +)	Internal Wideband Heater or PWM or General Switching Function
B26	Auxillary Output 10	(E-throttle Motor 1 -)	
E14	Auxillary Output 11	(E-throttle Motor 2 +)	
E20	Auxillary Output 12	(E-throttle Motor 2 -)	
E15	Auxillary Output 13	Wideband Heater 1 (Sensor White Wire, pin 3)	Internal Wideband Heater or PWM or General Switching Function
E22	Auxillary Output 14	Wideband Heater 2 (Sensor White Wire, pin 3)	
B9	Knock 1		Knock Sensors
B8	Knock 2		
A30	Digital Input 1		Frequency Input, Switch Input or VVT Position
A31	Digital Input 2		
A23	Digital Input 3		
B21	Digital Input 4		
B20	Digital Input 5		Frequency Input or Switch Input
B19	Digital Input 6		
B30	Digital Input 7		
B29	Digital Input 8		
B28	Digital Input 9		
B27	Digital Input 10		
E19	MES 1	Sensor Green Wire (pin 5)	LSU 4.9 Wideband Lambda Sensors Heater Pins are Aux 13 and 14
E16	RE 1	Sensor Black Wire (pin 6)	
E17	IPE 1	Sensor Yellow Wire (pin 2)	
E18	APE 1	Sensor Red Wire (pin 1)	
E26	MES 2	Sensor Green Wire (pin 5)	
E23	RE 2	Sensor Black Wire (pin 6)	
E24	IPE 2	Sensor Yellow Wire (pin 2)	
E25	APE 2	Sensor Red Wire (pin 1)	