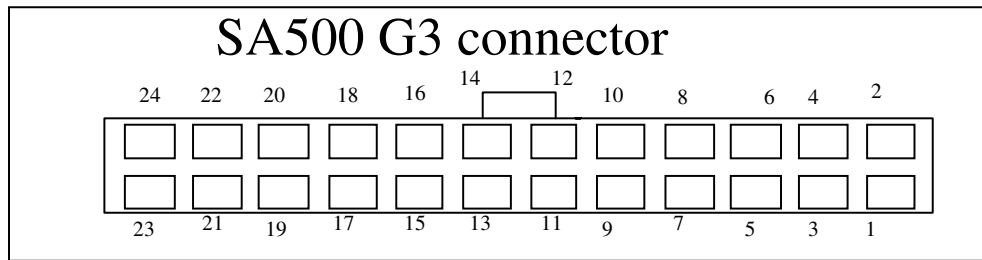


Civinco - SA500G3v3 pin configuration

rev 2010-06-04



SApin	Colour	Name	Info
Master			
A1-1	black	Power GND	
M2	white	5v out	Supply for MAP and TPS-sensor
M3	white	Digital 1 out	
M4	white	Coolant temp in	
M5	white	PWM 1 out	
M6	white	MAP sensor signal in	
M7	white	Digital 2 out	
M8	white	Throttle Position Sensor	
M9	white	PWM 2 out	
M10	white	AFR 1 sensor in	
M11	white	IGN B out	
M12	white	Intake Air temp in	
M13	white	IGN A out	
M14	white	Crank sensor in	pair twisted with signal ground
M15	white	Fuel_D_OUT	
M16	white	Analog AUX 1	if unconnected, internally to 12V
M17	white	Fuel_C_OUT	
M18	white	Digital 2 in	Launch control, Fuel long term, Ignition cut, Extra air, ALS, 2nd RPM limit
M19	white	Fuel_B_OUT	
M20	white	Digital 1 in	Launch control, 2nd RPM limit
M21	white	Fuel_A_OUT	
M22	white	Cam Sensor in	pair twisted with signal ground
M23	black	Power GND	
M24	red	12 V Power	
A1-2	black / white	Signal GND to all sensors	
A1-3	black / white	Signal GND to all sensors	
A1-4	black / white	Signal GND to all sensors	

Digital output configurable to (pin 3&7):

ASD relay
RPM tach
Fan control
Error code indikation
RPM controlled
Analog controlled
RPM&Analog controlled
Vanos & VTEC

PWM output configurable to (pin 5&9)

PWM AFR
PWM Throttle
PWM MAP
PWM Coolant
PWM Bat/Aux1
PWM IAT/Aux2
PWM RPM