E8 WIRING DIAGRAM

34 PIN CONNECTOR

INJECTOR #1	[L B]	INJECTOR #1	19
INJECTOR #2	[L / R]	INJECTOR #2	20
INJECTOR #3	[G / R]	INJECTOR #3	21
INJECTOR #4	[P]	INJECTOR #4	22

IGNITION #1	[L G]	IGNITION #1	3
IGNITION #2	[W / B]	IGNITION #2	4
IGNITION #3	[L]	IGNITION #3	5
IGNITION #4	[L / Y]	IGNITION #4	6

AUX OUT #1	[G / B]	AUX OUT #1	29

PWM OUT#1	[V / W]	PWM OUT#1	18
PWM OUT#2	[P / B]	PWM OUT#2	1
PWM OUT#3	[L / G]	PWM OUT#3	23

J9 : IDLE SPEED MOTOR

IDL4	[B R / W]	IDL4	34
IDL3	[Y / R]	IDL3	33
IDL1	[B R]	IDL1	31
IDL2	[G / Y]	IDL2	32

+8V SENSOR SUPPLY	[O/W]	+8V SENSOR SUPPLY	12

SPARE A/D #3	[O/R]	SPARE A/D #3	17
SPARE A/D #4	[O/Y]	SPARE A/D #4	25

J10 : THROTTLE POSITION SENSOR

10 GROUND	[B]	A	SENSOR GROUND
14 TPS	[W]	B	TPS SIGNAL
9 +5V SENSOR SUPPLY	[O]	C	+5V

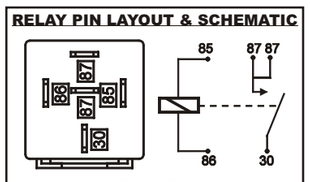
J8 : MAP SENSOR

10 GROUND	[B]	A	SENSOR GROUND
15 MAP	[Y]	B	MAP SIGNAL
9 +5V SENSOR SUPPLY	[O]	C	+5V

J14 : SPARE A/D #2 (TRIM)

10 GROUND	[B]	A	GROUND
16 SPARE A/D #2 (TRIM)	[R / B]	B	SPARE A/D #2 (TRIM)
9 +5V SENSOR SUPPLY	[O]	C	+5V

RELAY PIN LAYOUT & SCHEMATIC



SUITS BOSCH RELAY P/N:0 332 019 150
OR EQUIVALENT

FUEL PUMP RELAY

85	[GY]	IGN	SWITCHED +12V SUPPLY FROM IGNITION SWITCH
86			
87			
87 N/C			
30	[O]	P+	+12V SUPPLY TO PUMP CONNECT TO PUMP +

IGNITON POWER RELAY

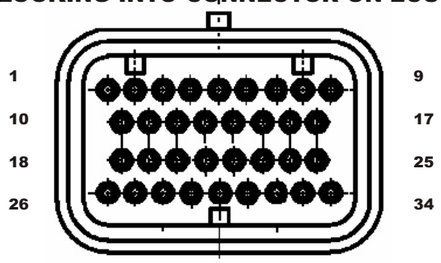
85	[GY]	IGN	SWITCHED +12V SUPPLY FROM IGNITION SWITCH
86			
87 N/C			
87	[R]	+	From Battery Positive (+) * [SEE NOTE]
30			

MAIN POWER RELAY

85			
86			
87 N/C			
87	[R]	+	From Battery Positive (+) * [SEE NOTE]
30			

24 FUEL PUMP TRIGGER	[B/Y]		
From Battery Positive (+) * [SEE NOTE]	[O]	20A	[O]
+12V SUPPLY TO IGNITION COILS (+IGN)	[R/Y]	10A	[R/Y]
+12V SUPPLY TO INJECTORS AND SENSORS (+SEN)	[GY/R]	15A	[R/Y]
26 +12V SWITCHED	[R/W]	20A	[R/W]
+12V SUPPLY TO ECU			
10 ECU GROUND	[B]		GROUND TO CHASSIS
11			

LOOKING INTO CONNECTOR ON ECU



* NOTE: Can Use 100A Circuit Breaker

LEGEND - WIRE COLOUR:

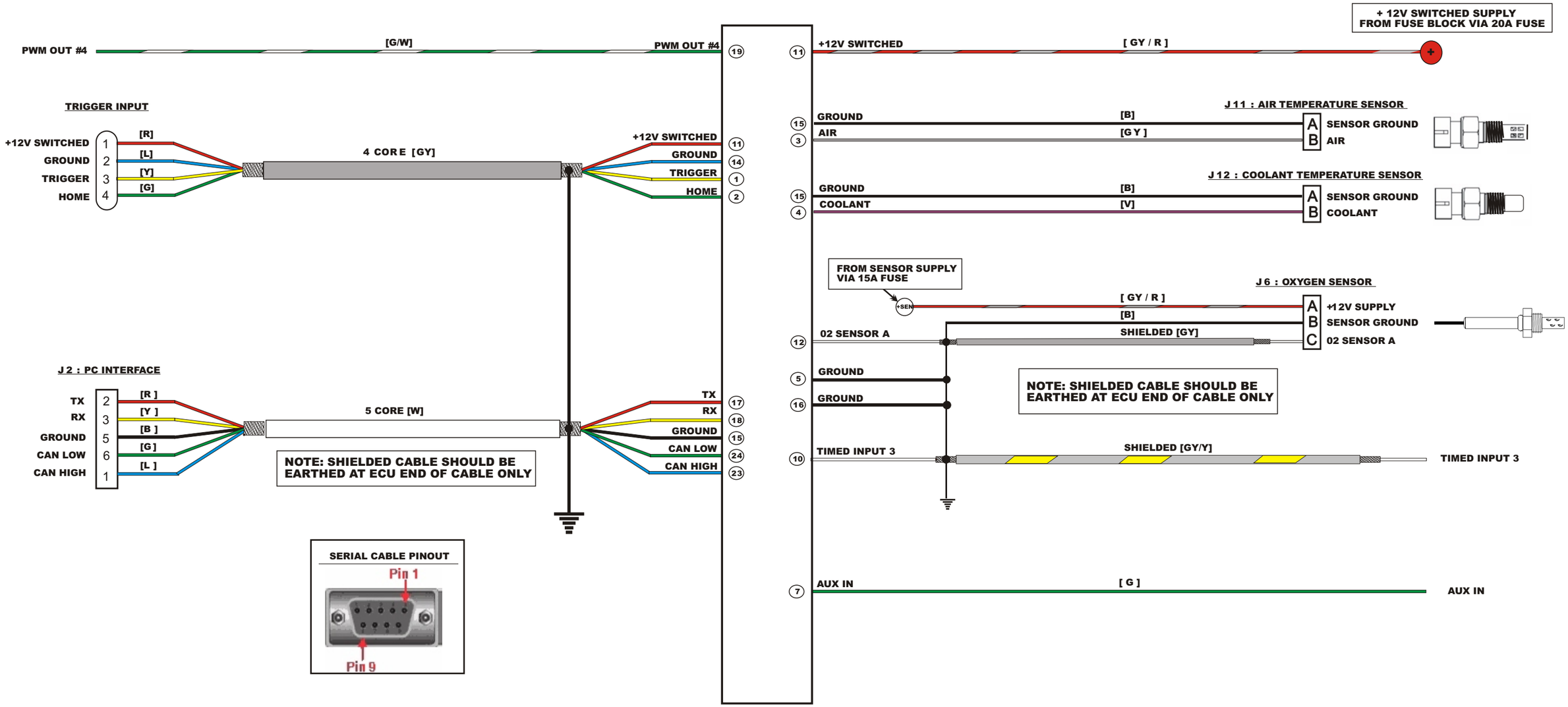
B = BLACK BR = BROWN G = GREEN GY = GREY L = BLUE O = ORANGE P = PINK R = RED V = VIOLET Y = YELLOW

WHEN TWO COLOURS ARE USED IN A WIRE BY THE ALPHABETICAL CODE, THE FIRST LETTER INDICATES THE BASIC WIRE COLOUR, THE SECOND COLOUR INDICATES THE COLOUR OF THE STRIPE.

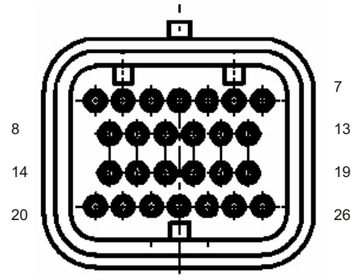
E8 MAIN HARNESS ELECTRICAL	
HALTECH, SYDNEY AUSTRALIA	
DATE: 3RD NOVEMBER 2008	
REV A	SHEET 1 OF 2

E8 WIRING DIAGRAM

26 PIN CONNECTOR



LOOKING INTO CONNECTOR ON ECU



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E8 MAIN HARNESS ELECTRICAL	
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REV A	SHEET 2 OF 2