



Upgrading to Elite 2500 from Platinum Sport ECU's

The following document outlines the main pinout differences between the Haltech Elite 2500 and Platinum Sport 2000 series ECU's.

Sport to Elite Harness upgrade kits can be ordered as part # HT-130100 which includes 13 terminated and colour coded 2.5M wires and blanking pins.

Pin Function Changes

***Pin # A2 Sport = +5V now AVI4
 A13 Sport = +8V now Ignition Input
 A25 Sport = AVI4 now ECR Output***

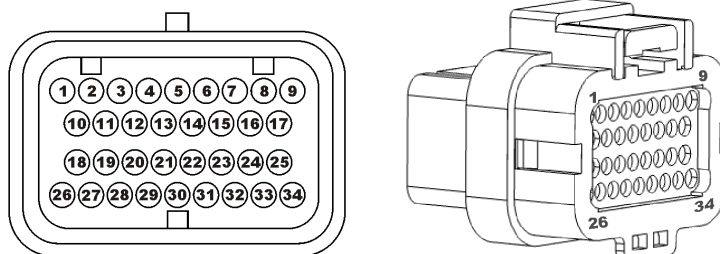
***B7 Sport = DSI1 now DPI4
B21 Sport = AVI6 now Knock Input #1
B22 Sport = AVI7 now Knock Input #2***

New Pin Functionality

***Pin # B17 Now Ignition Output #7
 B18 Now Ignition Output #8
 B23 Now CAN High
 B24 Now CAN Low
 B25 Now DBW#1 / DPO
 B26 Now DBW#2 / DPO***



34 Pin Connector (A)



Looking into ECU Connector

Pin #	Elite Wire Colour	Elite 2500 ECU	Sport Series ECU
1	V/BR	DPO 2	DPO 2
2	O/Y	AVI 4	-
3	Y/B	IGN 1	IGN 1
4	Y/R	IGN 2	IGN 2
5	Y/O	IGN 3	IGN 3
6	Y/G	IGN 4	IGN 4
7	Y/BR	IGN 5	IGN 5
8	Y/L	IGN 6	IGN 6
9	O	+5V DC	+5V DC
10	B	CHASSIS GROUND	CHASSIS GROUND
11	B	CHASSIS GROUND	CHASSIS GROUND
12	O/W	+8V DC	+8V DC
13	P	12V IGNITION INPUT	-
14	W	AVI 10 (TPS)	TPS
15	Y	AVI 9 (MAP)	MAP
16	O/B	AVI 2	AVI 2
17	O/R	AVI 3	AVI 3
18	V/B	DPO 1	DPO 1
19	L	INJ 1 / DPO 16	INJ 1 / DPO 16
20	L/B	INJ 2 / DPO 15	INJ 2 / DPO 15
21	L/BR	INJ 3 / DPO 14	INJ 3 / DPO 14
22	L/R	INJ 4 / DPO 13	INJ 4 / DPO 13
23	V/R	DPO 3	DPO 3
24	B/Y	DPO 5 (* FUEL PUMP RELAY)	FUEL PUMP RELAY
25	B/R	DPO 6 (* ENGINE CONTROL RELAY)	AVI 4
26	R/L	+13.8V INJECTOR PWR	+13.8V INJECTOR PWR
27	L/O	INJ 5	INJ 5
28	L/Y	INJ 6	INJ 6
29	L/G	INJ 7	AUX 1 / INJ 12 / DPO 18
30	L/V	INJ 8	AUX 2 / INJ 11 / DPO 17
31	G	STEPPER 1 P1 / DPO	STEPPER 1
32	G/B	STEPPER 1 P2 / DPO	STEPPER 2
33	G/BR	STEPPER 1 P3 / DPO	STEPPER 3
34	G/R	STEPPER 1 P4 / DPO	STEPPER 4

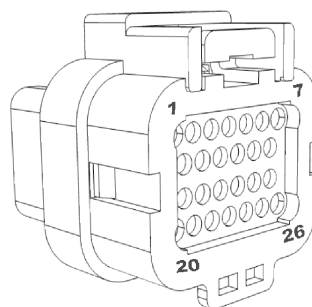
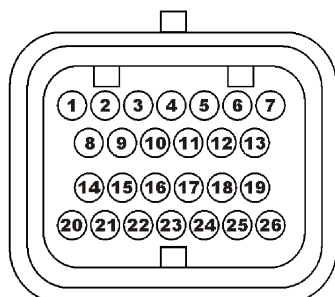
* Allocated to, but not limited to specified function

Legend- Functionality

New Functionality = Changed Functionality and / or Wire Colour = Critical Change =



26 Pin Connector (B)



Looking into ECU Connector

Pin #	Elite Wire Colour	Elite 2500 ECU	Sport Series ECU
1	Y <SHD>	TRIGGER (+)	TRIGGER (+)
2	Y <SHD>	HOME (+)	HOME (+)
3	GY	AVI 7 (AIR TEMP)	AIR TEMP
4	V	AVI 8 (COOLANT TEMP)	COOLANT TEMP
5	G <SHD>	TRIGGER (-)	TRIGGER (-)
6	G <SHD>	HOME (-)	HOME (-)
7	GY/R <SHD>	DPI 4	DSI 1
8	GY <SHD>	DPI 1	DPI 1
9	GY/B <SHD>	DPI 2	DPI 2
10	GY/BR <SHD>	DPI 3	DPI 3
11	R/W	+13.8V ECU POWER	+13.8V ECU POWER
12	GY/O <SHD>	AVI 6 (O2 INPUT 1)	O2 INPUT 1
13	GY/Y <SHD>	AVI 1 (O2 INPUT 2)	AVI 1
14	B/W	BATTERY GROUND	BATTERY GROUND
15	B/W	SIGNAL GROUND	SIGNAL GROUND
16	B/W	SIGNAL GROUND	SIGNAL GROUND
17	Y/V	IGN 7	-
18	Y/GY	IGN 8	-
19	V/O	DPO 4	DPO 4
20	O/G	AVI 5	AVI 5
21	GY/G <SHD>	KNOCK 1	AVI 6
22	GY/L <SHD>	KNOCK 2	AVI 7
23	-	CAN H	-
24	-	CAN L	-
25	BR/B	DBW 1 / DPO	-
26	BR/R	DBW 2 / DPO	-

Legend - Functionality

New Functionality = Changed Functionality and / or Wire Colour = Critical Change =

Legend - Wire Colours

B=Black

BR=Brown

G=Green

GY=Grey

L=Blue

O=Orange

P=Pink

R=Red

V=Violet

Y=Yellow

W=White

<SHD> = Shielded Cable

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