

J1: ECU MAIN CONNECTOR

PACKARD 1211 0490

PIN: 1208 4912

SPARE A/D	1	RED/BLK	18 AWG
O2 SENSOR	2	GRY <SHD>	20 AWG
PWM OUT 2	3	PINK/BLK	18 AWG
PWM OUT 1	4	VIO/WHT	18 AWG
ROAD SPEED	5	GRY/YEL <SHD>	20 AWG
TRIGGER	6	YEL <SHD>	20 AWG
INPUT B	7	RED <SHD>	20 AWG
TX	8	RED <SHD>	20 AWG
RX	9	BLU <SHD>	20 AWG
TRIM	10	BLK/WHT	18 AWG
MAP	11	YEL	18 AWG
INPUT A	12	BLU <SHD>	20 AWG
HOME	13	GRN <SHD>	20 AWG
IDL4	14	BRN/WHT	18 AWG
IDL3	15	YEL/RED	18 AWG
IDL2	16	GRN/YEL	18 AWG
IDL1	17	BRN	18 AWG
+5VDC	18	ORG	18 AWG
INJ1	19	L. BLU	18 AWG
INJ2	20	BLU/RED	18 AWG
INJ3	21	GRN/RED	18 AWG
INJ4	22	PINK	18 AWG
PWM OUT 3	23	BLU/GRN	18 AWG
PWM OUT 4	24	GRN/WHT	18 AWG
+13VDC ECU	25	RED/WHT	18 AWG
GND	26	BLK	18 AWG
AUXILIARY OUT	27	GRN/BLK	18 AWG
AUXILIARY IN	28	GRN	18 AWG
AIR TEMP	29	GRY	18 AWG
COOLANT	30	VIO	18 AWG
THROTTLE POS	31	WHT	18 AWG
GND	32	BLK	18 AWG
PUMP RELAY	33	BLK/YEL	18 AWG
DIG OUT 2	34	BLU	18 AWG
DIG OUT 1	35	WHT/BLK	18 AWG
IGN OUT	36	L. GRN	18 AWG

J2: PC INTERFACE

9 PIN D - FEMALE

24 AWG <SHD>	RED	1	TX
24 AWG <SHD>	BLU	2	RX
18 AWG	BLK	3	GND
		4	
		5	
		6	
		7	
		8	
		9	

J14: TRIM

PACKARD 1201 0717

PIN: 1212 4580L

18 AWG	BLK	A	GND
18 AWG	BLK/WHT	B	TRIM
18 AWG	ORG	C	+5VDC

J15: SPARE A/D

PACKARD 1201 0717

PIN: 1212 4580L

18 AWG	BLK	A	GND
18 AWG	RED/BLK	B	SPARE A/D
18 AWG	ORG	C	+5VDC

J3: FUSE BLOCK

PACKARD 1203 4342

PIN: 1212 4582L

18 AWG	RED/WHT	A	+13.8VDC ECU
13 AWG	RED	B	+13.8VDC INJ
13 AWG	YEL/RED	C	SYSTEM +13.8VDC
13 AWG	ORG/GRY	D	FUEL PUMP OUT
13 AWG	ORG	E	FUEL PUMP POSITIVE

J4: POWER RELAY

AMP 926526

PIN: 341001-3

13 AWG	YEL/RED	87	SYSTEM +13.8VDC
13 AWG	RED	30	BATTERY +VE
18 AWG	GRY	85	SWITCHED +12VDC
18 AWG	BLK	86	GND

J5: PUMP RELAY

AMP 926526

PIN: 341001-3

13 AWG	ORG/GRY	87	FUEL PUMP OUT
13 AWG	ORG	30	FUEL PUMP +12VDC
18 AWG	GRY	85	SWITCHED +12VDC
18 AWG	BLK/YEL	86	PUMP RELAY

13 AWG	RED	BATTERY +VE
18 AWG	GRY	SWITCHED +12VDC
18 AWG	GRN	AUXILIARY INPUT
13 AWG	ORG	FUEL PUMP +12VDC
13 AWG	ORG	FUEL PUMP POSITIVE ⁴
13 AWG	BLK	GROUND

NOTES:

1. MAIN WIRE COLOUR LISTED FIRST
E.G. RED/GRN INDICATES RED WIRE WITH GREEN STRIPE
2. USE V-90 HT PVC INSULATION.
3. WIRE SIZES AS FOLLOWS (OR NEAREST EQUIVALENT):

AWG	AREA (sq.mm)	SUGG. STRANDING #COND / DIA (mm)
24	0.25	7/0.20
20	0.5	10/0.25
18	1.0	16/0.30
16	1.5	30/0.25
13	2.5	50/0.25

4. THE NEGATIVE SIDE OF THE FUEL PUMP SHOULD BE CONNECTED DIRECTLY TO GROUND.

J8: MAP SENSOR

PACKARD 1202 0403

PIN: 1212 4582L

18 AWG	BLK	A	GND
18 AWG	YEL	B	MAP
18 AWG	ORG	C	+5VDC

J16: TRIGGER INPUT

PACKARD 1205 2848

PIN: 1204 8074

18 AWG	BLK	A	GND
20 AWG <SHD>	YEL	B	TRIGGER
20 AWG <SHD>	BLU	C	INPUT A
20 AWG <SHD>	RED	D	INPUT B
20 AWG <SHD>	GRN	E	HOME
18 AWG	GRY/RED	F	+13.8V INJ

J17: ROAD SPEED

PACKARD 1211 0293

PIN: 1204 8074

18 AWG	BLK	A	GND
20 AWG <SHD>	GRY/YEL	B	ROAD SPEED
18 AWG	GRY/RED	C	+13.8VDC INJ

J6: O2 SENSOR

PACKARD 1201 0717

PIN: 1212 4582L

18 AWG	GRY/RED	A	+13.8VDC INJ
18 AWG	BLK	B	GND
20 AWG <SHD>	GRY	C	O2 SENSOR

J13: INJECTOR HARNESS

PACKARD 1204 7938

PIN: 1204 8074

18 AWG	WHT/BLK	A	DIG OUT1
18 AWG	BLU	B	DIG OUT2
13 AWG	RED	C	+13.8VDC INJ
18 AWG	L. BLU	E	INJ1
18 AWG	BLU/RED	F	INJ2
18 AWG	GRN/RED	G	INJ3
18 AWG	PINK	H	INJ4

J18: PWM OUTPUT

PACKARD 12146045

PIN: 12048074

18 AWG	VIO/WHT	A	PWM OUT 1
18 AWG	PINK/BLK	B	PWM OUT 2
18 AWG	BLU/GRN	C	PWM OUT 3
18 AWG	GRN/WHT	D	PWM OUT 4
18 AWG	GRY/RED	E	+13.8VDC INJ

J10: THROTTLE POSITION

PACKARD 1201 5793

PIN: 1212 4582L

18 AWG	BLK	A	GND
18 AWG	WHT	B	THROTTLE POS
18 AWG	ORG	C	+5VDC

J11: AIR TEMP SENSOR

PACKARD 1216 2197

PIN: 1210 3881L

18 AWG	BLK	A	GND
18 AWG	GRY	B	AIR TEMP

J12: COOLANT SENSOR

PACKARD 1216 2193

PIN: 1210 3881L

18 AWG	BLK	A	GND
18 AWG	VIO	B	COOLANT

J9: IDLE SPEED MOTOR

PACKARD 1201 5798

PIN: 1212 4580L

18 AWG	BRN/WHT	A	IDL4
18 AWG	YEL/RED	B	IDL3
18 AWG	BRN	C	IDL1
18 AWG	GRN/YEL	D	IDL2

J7: IGNITION OUTPUT

PACKARD 1202 0786

PIN: 1212 4580L

18 AWG	GRN/BLK	A	AUXILIARY OUT
18 AWG	BLK	B	GND
18 AWG	L. GRN	C	IGN OUT
18 AWG	BLU	D	DIG OUT2
18 AWG	WHT/BLK	E	DIG OUT1
18 AWG	L. BLU	F	INJ 1

E6K MAIN HARNESS ELECTRICAL

HALTECH, SYDNEY AUSTRALIA

DATE: 15TH DEC 2000

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