



PATCH HARNESS (HT040214)

SUPPORTED MODELS

NISSAN R31 SKYLINE (RB30ET)
HOLDEN VL COMMODORE (RB30ET)

APPLICATION NOTES:

PATCH LOOM IS ONLY TO BE USED WITH AN E6X ON THE VEHICLES STATED ABOVE. THE E6X DOES NOT COME PRELOADED FROM HALTECH AND THE CORRESPONDING BASE MAP MUST BE LOADED. PLEASE SEE HALTECH BASEMAP TABLE BELOW FOR APPROPRIATE BASEMAP. THE BASE MAP IS ONLY TO BE USED AS A STARTING POINT, THE ECU WILL REQUIRE TUNING.

HALTECH WILL NOT BE HELD RESPONSIBLE FOR ENGINE DAMAGE DUE TO DRIVING ON BASEMAPS.

A HALTECH AIR TEMP SENSOR WILL NEED TO BE FITTED.
PLEASE SEE pg. 2 FOR HALTECH AIR TEMP SENSOR WIRING INFO.

PLEASE NOTE THAT THE Rb30 TPS IS NOT SUFFICIENT FOR THE E6X'S OPERATION, BEING A IDLE SWITCH INSTEAD OF THE COMMONLY FOUND POTENTIOMETER TYPE. THE Rb30 AUTOMATIC ENGINE DOES HAVE A POTENTIOMETER TPS, BUT THIS IS ONLY USED BY THE AUTOMATIC TRANSMISSION ECU, THEREFORE WIRING OF THE TPS INTO THE E6X IS REQUIRED. IF THE ENGINE IS EQUIPPED WITH A MANUAL TRANSMISSION, AN AUTOMATIC TRANSMISSION THROTTLE BODY OR AN ADDITIONAL TPS WILL NEED TO BE FITTED. PLEASE SEE PG. 3 FOR WIRING OF THE TPS.

PLEASE REFER TO E6X MANUAL FOR FURTHER INFORMATION

HALTECH BASE MAPS

NISSAN	R31	RB30ET	Internal MAP sensor - Semi Seq injection	E6X-R31 (H6XPR31) base.6XM
HOLDEN	VL	RB30ET	Internal MAP sensor - Semi Seq injection	E6X-R31 (H6XPR31) base.6XM

HALTECH INPUTS/OUTPUTS

INPUT/OUTPUT	PIN	FUNCTION
PWM 1	4	IDLE CONTROL VALVE (BAC)
PWM 2	3	NOT USED
PWM 3	23	NOT USED
PWM 4	24	NOT USED
AUXILLARY IN	28	NOT USED
AUXILLARY OUT	27	NOT USED

HT040214 - E6X PATCH LOOM

HALTECH, SYDNEY AUSTRALIA

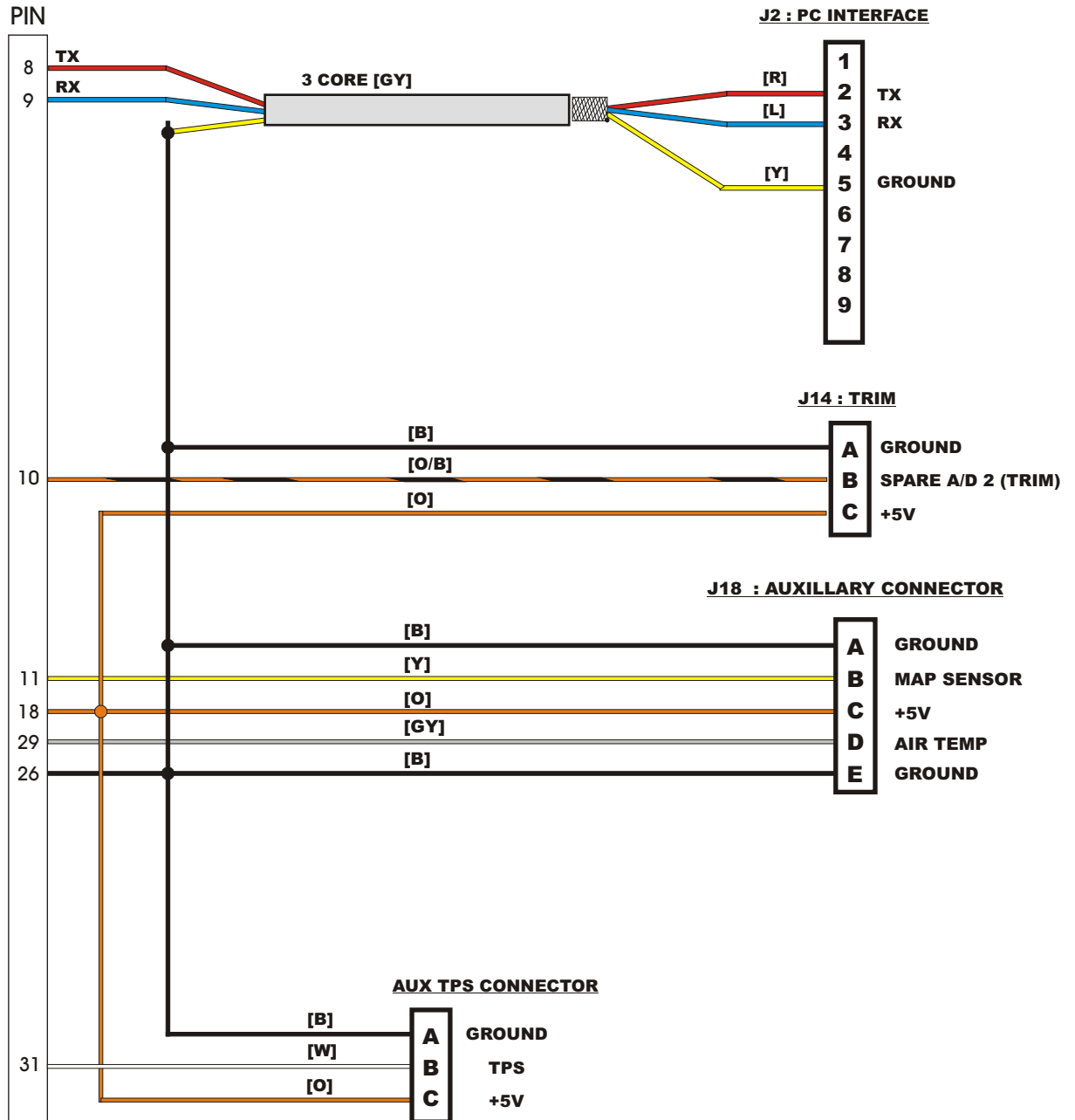
DATE: 18TH AUGUST 2005

H6XPR31 (REV A)

SHEET 1 OF 3

AUXILLARY CONNECTORS

E6X ECU CONNECTOR



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HALTECH, SYDNEY AUSTRALIA

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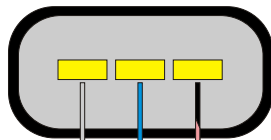
SHEET 3 OF 3

AUXILLARY TPS CONNECTOR

PLEASE NOTE THAT THE RB30 TPS IS NOT SUFFICIENT FOR THE E6X'S OPERATION, BEING A IDLE SWITCH INSTEAD OF THE COMMONLY FOUND POTENTIOMETER TYPE. THE RB30 AUTOMATIC ENGINE DOES HAVE A POTENTIOMETER TPS, BUT THIS IS ONLY USED BY THE AUTOMATIC TRANSMISSION ECU, THEREFORE WIRING OF THE TPS INTO THE E6X IS REQUIRED. IF THE ENGINE IS EQUIPPED WITH A MANUAL TRANSMISSION, AN AUTOMATIC TRANSMISSION THROTTLE BODY OR AN ADDITIONAL TPS WILL NEED TO BE FITTED. PLEASE SEE BELOW FOR WIRING OF THE TPS.

MANUAL

CONNECTOR FOR TPS FOUND COMING OUT OF AUTOMATIC TRANSMISSION EQUIPPED VEHICLE THROTTLE BODIES.



GY

L

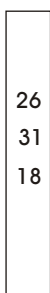
B/P

AUX TPS CONNECTOR

A
B
C

E6X ECU CONNECTOR

PIN



26

31

18

AUX TPS CONNECTOR

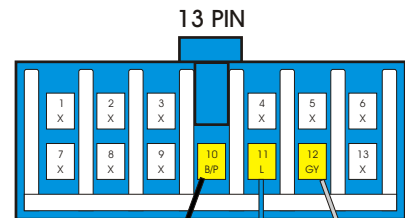
A
B
C

GROUND
TPS
+5V

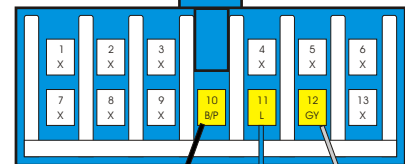
OR

AUTOMATIC

CONNECTOR FOR ENGINE HARNESS FOUND UNDER DASH AGAINST FIREWALL AT PASSENGERS FOOTWELL. (AUTOMATIC HARNESS ONLY)



13 PIN



B/P

L

GY

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