



EMTRON
AUSTRALIA

KV16 ECU PIN ASSIGNMENT TEMPLATE



Job Information

Date	
Job Number	
Car	
Engine	
ECU Serial Number	
Technician	

Fuel Channels

Pin Name	Pin #	Function	Notes
Injector Channel 1	B1		
Injector Channel 2	B1		
Injector Channel 3	B3		
Injector Channel 4	B4		
Injector Channel 5	B5		
Injector Channel 6	B6		
Injector Channel 7	B7		
Injector Channel 8	B8		
Injector Channel 9	A1		
Injector Channel 10	A2		
Injector Channel 11	A3		
Injector Channel 12	A4		
Injector Channel 13	A5		
Injector Channel 14	A6		
Injector Channel 15	A7		
Injector Channel 16	A12		

Ignition Channels

Pin Name	Pin #	Function	Notes
Ignition Channel 1	B26		
Ignition Channel 2	B27		
Ignition Channel 3	B28		
Ignition Channel 4	B29		
Ignition Channel 5	B30		
Ignition Channel 6	B31		
Ignition Channel 7	B32		
Ignition Channel 8	B33		
Ignition Channel 9	A8		
Ignition Channel 10	A9		
Ignition Channel 11	A14		
Ignition Channel 12	A15		

Auxiliary Output Channels

Pin Name	Pin #	Function	Notes
Auxiliary Channel 1	B10		
Auxiliary Channel 2	B11		
Auxiliary Channel 3	B12		
Auxiliary Channel 4	B13		
Auxiliary Channel 5	B14		
Auxiliary Channel 6	B15		
Auxiliary Channel 7	B16		
Auxiliary Channel 8	B17		
Auxiliary Channel 9	A18		
Auxiliary Channel 10	A19		
Auxiliary Channel 11	A20		
Auxiliary Channel 12	A21		
Auxiliary Channel 13	A22		
Auxiliary Channel 14	A23		
Auxiliary Channel 15	A24		
Auxiliary Channel 16	A25		

Analog Input Channels

Pin Name	Pin #	Function	Notes
Analog Channel 1	C2		
Analog Channel 2	C3		
Analog Channel 3	C4		
Analog Channel 4	C5		
Analog Channel 5	C6		
Analog Channel 6	C7		
Analog Channel 7	C8		
Analog Channel 8	C9		
Analog Channel 9	C10		
Analog Channel 10	C11		
Analog Channel 11	C12		
Analog Channel 12	C12		
Analog Channel 13	C14		
Analog Channel 14	C15		

Digital Input Channels

Pin Name	Pin #	Function	Notes
Digital Channel 1	C27		
Digital Channel 2	C28		
Digital Channel 3	C29		
Digital Channel 4	C30		
Digital Channel 5	C31		
Digital Channel 6	C32		
Digital Channel 7	C33		
Digital Channel 8	C34		
Digital Channel 9	C18		
Digital Channel 10	C19		
Digital Channel 11	C20		
Digital Channel 12	C21		
Digital Channel 13	C22		
Digital Channel 14	C23		

Other

	Pin #	Function	Notes
Lambda 1			
Lambda 2			
Knock 1	D11		
Knock 2	D17		
AV Out 1	C16		
AV Out 2	C24		