



EMTRON  
AUSTRALIA

## KV12 ECU PIN ASSIGNMENT TEMPLATE



## Job Information

<b>Date</b>	
<b>Job Number</b>	
<b>Car</b>	
<b>Engine</b>	
<b>ECU Serial Number</b>	
<b>Technician</b>	

## 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		

## 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		