Magneti Marelli ECU to MS Conversion 8P/8F/6F/6R

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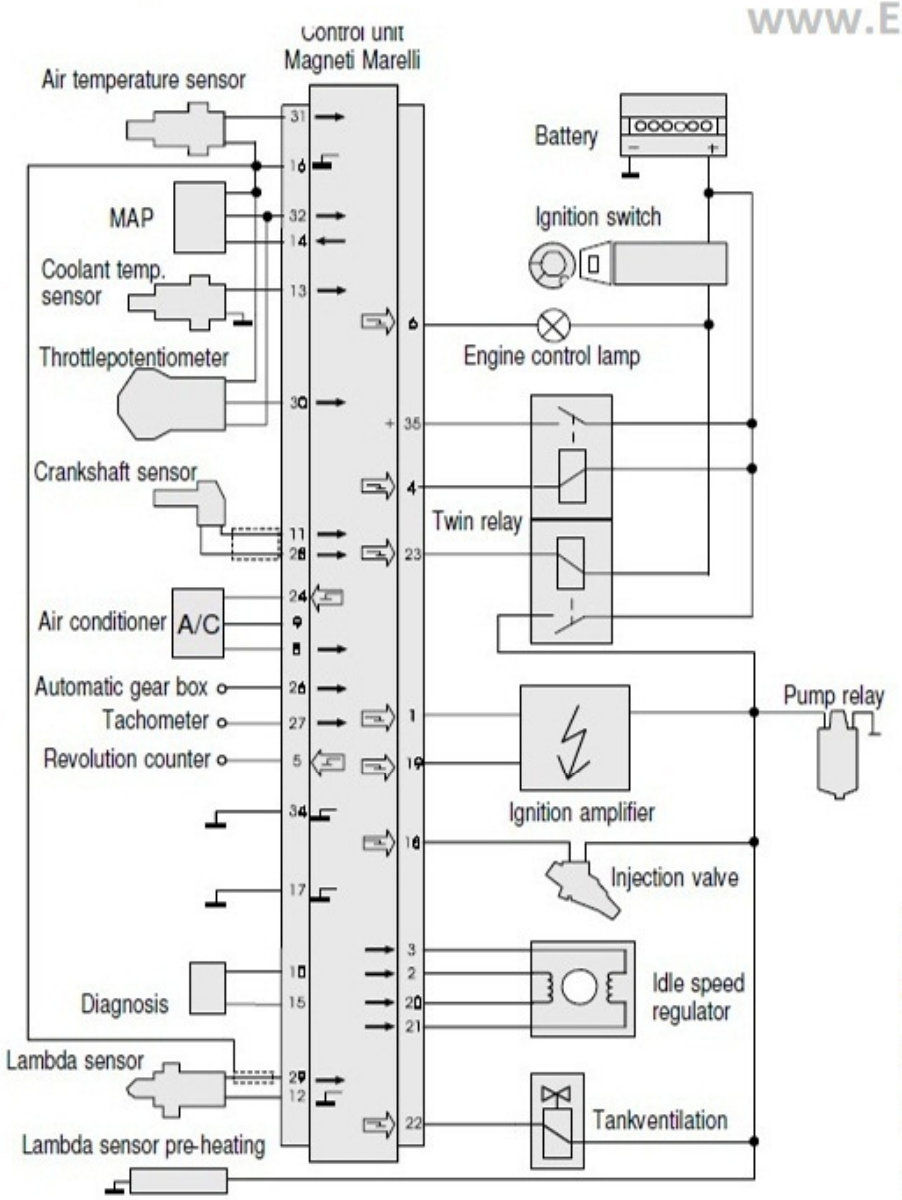

Magneti ECU Pin	Description	MegaSquirt Pin	
31	Air Temp	20	
13	Coolant Temp	21	
30	TPS Sig	22	
***	5V TPS	26	
12 and 16	Input Grounds	8 to 19	
29	Lambda Signal	23	
34	Ground	1 and 2	
17	Ground	8 to 19	
18	Injector Bank 1	32 and 33	
23	Fuel Pump Relay	37	
5	Tacho	3 (SPR1)	
11	Crank Signal *	24	Red wire in trigger
28	Crank Signal *	7	Black wire in trigger
1	Spark A	36	
19	Spark B	6 (SPR4)	
35	12V Ignition **	28	
35	IAC1A	25	
3	IAC1B	27	
2	IAC2A	29	
20	IAC2B	31	

* The crank wires may need swapping around as Im not sure which one is ground and which is signal.

** This may not work as drawing shows its a constant 12V through a relay contact.
This MUST be a 12V feed ONLY when the ignition is turned ON!!

*** Pin 14 has been found to be the 5V TPS, so please check as drawing shows 32, but a user has found its 14!!

Please Note: Non of this has been tested and is therefore used completly at your own risk!!

No warantee expressed or implied!!

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