

Injector Wiring

Note all injectors must be high impedance types or use a ballast resistor.

Sequential

Remember that the outputs are numbered in firing sequence, that is 1 is the first to fire, 2 the second etc. For a 4 cylinder with a firing sequence of 1/3/4/2 connect wires as below.

Cyl	1	3	4	2
O/P	1	2	3	4

And similarly for 6 or 8 cylinder engines. 8 cylinders is the maximum that can be handled with sequential injection. A cam sensor MUST be fitted for sequential injection.

Non Sequential

Use O/P's 1,2 and 5,6. Balance numbers of injectors on each

Non Sequential Twin Injector

Injectors 1:- Use O/P's 1,2 and 5,6. Balance numbers of injectors on each

Injectors 2:- Use O/P's 3,4 and 7,8. Balance numbers of injectors on each

Coil Wiring

Coil Per Plug

Remember that the outputs are numbered in firing sequence, that is 1 is the first to fire, 2 the second etc. For a 4 cylinder with a firing sequence of 1/3/4/2 connect wires as below. A cam sensor MUST be fitted for coil per plug operation.

Cyl	1	3	4	2
O/P	1	2	3	4

And similarly for 6 or 8 cylinder engines.

Wasted Spark

Use the lowest outputs. For a 6 cylinder engine with a firing order of 1/3/6/4/5/2 wire as below.

Cyl	1	3	6
Cyl	4	5	2
O/P	1	2	3

Distributor

Use Coil output 1 or 2..

Twin Spark

Coil O/P's 1 to 4 work as normal. Coil O/P's 5 to 8 are the matching second plug. For a 4 cylinder, coil per plug, twin spark wire as below.

Cyl	1	3	4	2	First Plug
O/P	1	2	3	4	
Cyl	1	3	4	2	Second Plug
O/P	5	6	7	8	

Four cylinder coil per plug or 8 cylinder wasted spark is the maximum for twin spark operation.

WIRING NOTES



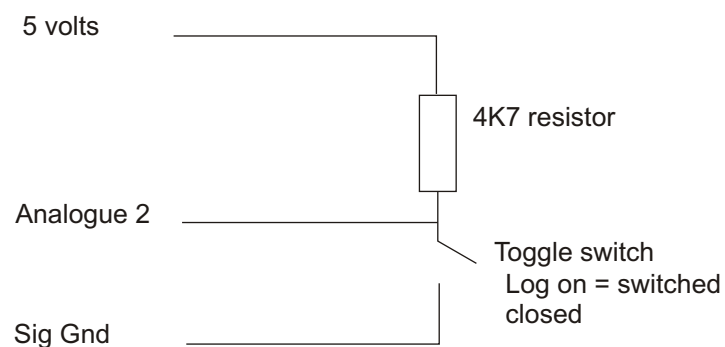
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FOR
P8PRO V29.0 FIRMWARE OR LATER

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ANALOGUE 2 WIRING FOR LOG SWITCH

If using the analogue 2 input for switching the log on and off use the following wiring.



Special Considerations for Audi 5 Cylinder

The engine must have 5 coils and a 60 - 2 crank wheel at 60 degrees. Set to 10 cylinders in general engine settings. Set unequal firing and 1 coil per plug OFF in unequal firing angles. Set sequential injection OFF in injector phasing. You do not need a cam sensor.

Wire coils as below

Cyl	1	5	2	3	4
O/P	1	2	3	4	5

Wire Injectors as below

Cyl	1	5	2	3	4
O/P	1	2	5	6	6