

IGNITION COIL CONSTRUCTION/OPERATION [LF]

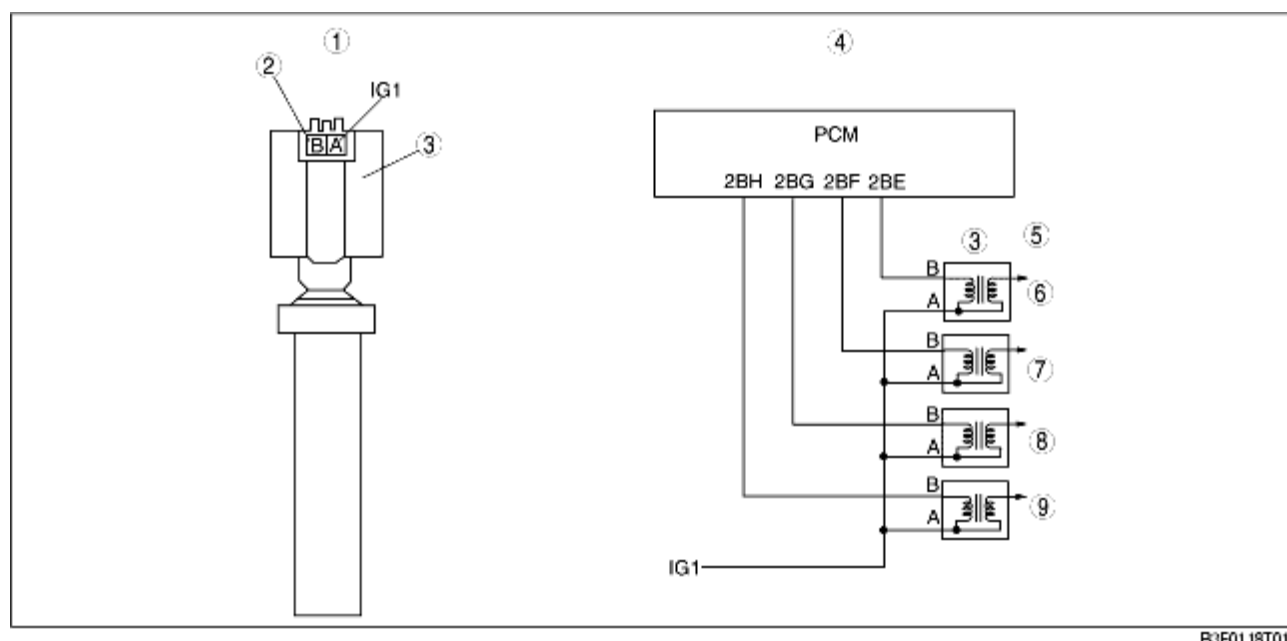
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Construction

- Direct ignition coils installed directly to each spark plug have been adopted. By adopting direct ignition coils, high-tension leads have been eliminated in order to simplify the parts of the ignition system, and also to prevent voltage reduction and improve the firing efficiency.
- Independent firing control has been adopted to eliminate firing without spark, increasing firing energy.
- The direct ignition coil consists of an ignition coil, ignition coil connector, and boot area, which has the same function as the current high-tension lead.

Structure

- The firing timing of the coil is controlled by the PCM by means of a built-in igniter for optimum ignition timing control.



B3E0118T011

1	Ignition coil external view
2	To PCM
3	Ignition coil
4	Ignition coil electrical system wiring diagram
5	Cylinder number
6	No. 1
7	No. 2
8	No. 3
9	No. 4

Terminal layout

Terminal		Signal
Two terminals	A	Power supply
	B	Ignition coil control signal