

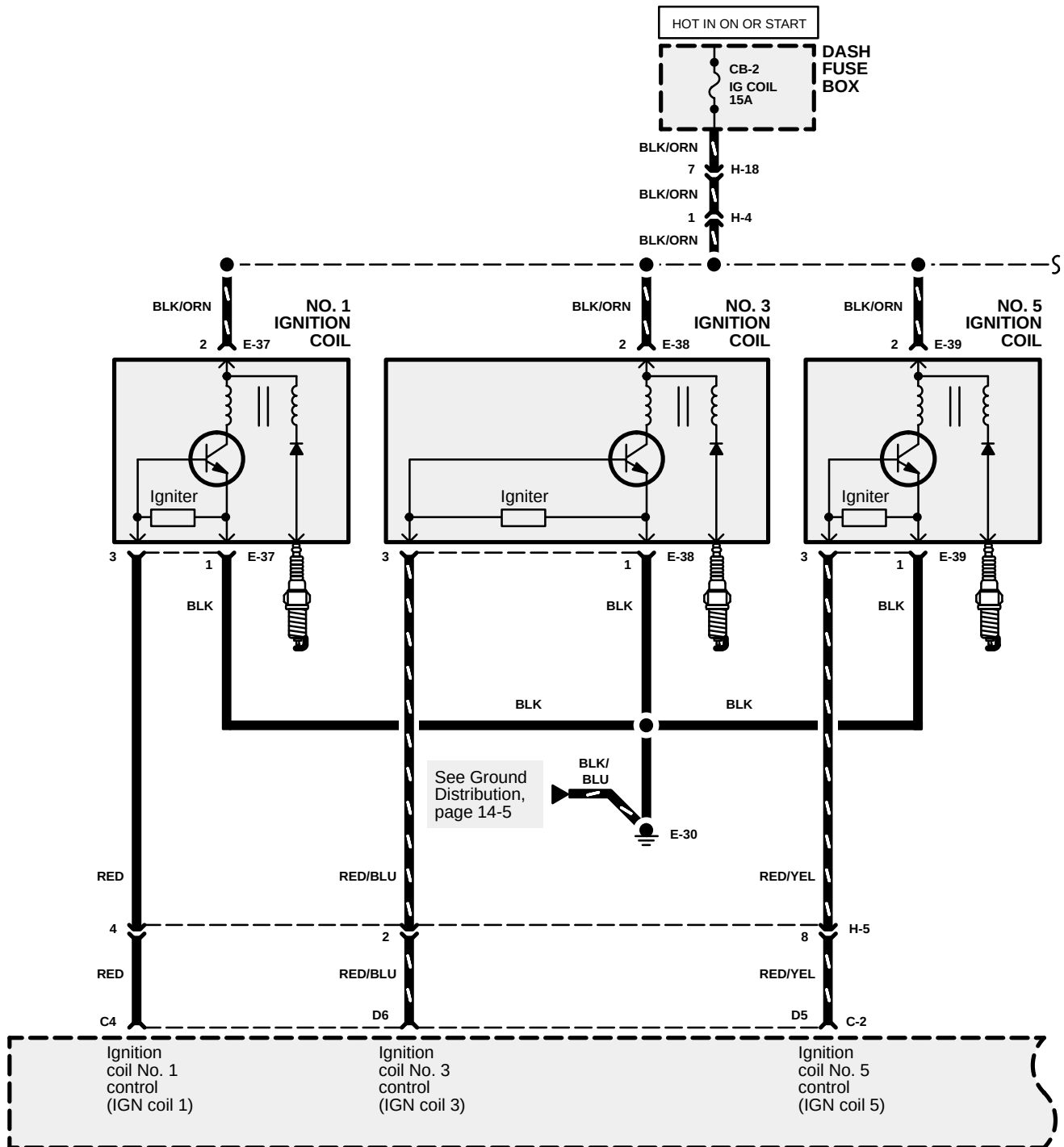
IGNITION SYSTEM

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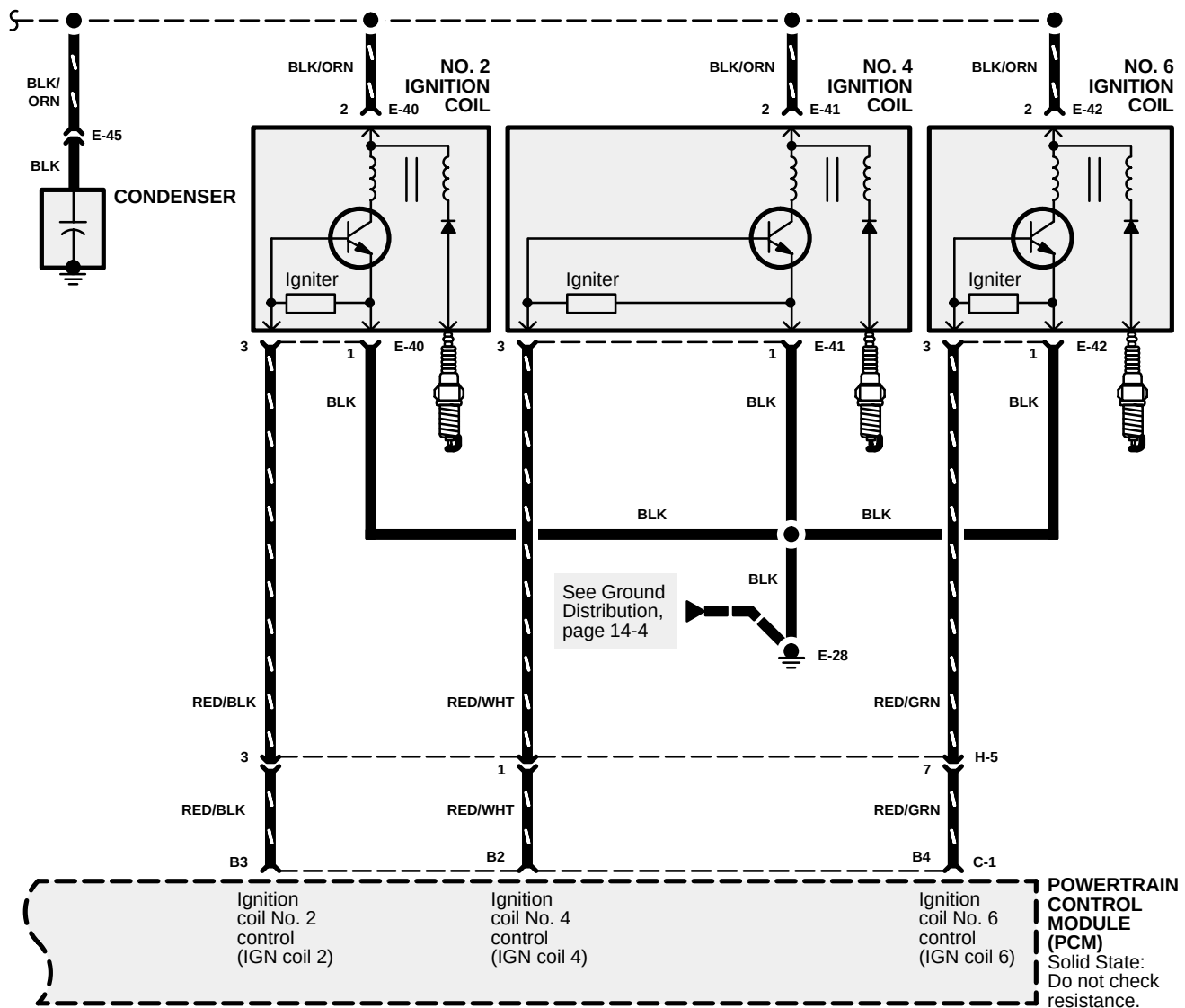
IGNITION SYSTEM

Circuit Schematic



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Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Condenser	Top right front of engine 29
Dash Fuse Box	Behind left I/P side trim panel 36
No. 1 Ignition Coil	Right side of engine 31
No. 2 Ignition Coil	Left side of engine 27
No. 3 Ignition Coil	Right side of engine 31
No. 4 Ignition Coil	Left side of engine 27
No. 5 Ignition Coil	Right side of engine 31
No. 6 Ignition Coil	Left side of engine 27
Powertrain Control Module (PCM)	Behind front console 52
Connector	
E-45 (1-BLK)	Top right front of engine 29
H-4 (16-BLU)	Left rear of engine compartment on bracket 15
H-5 (16-GRN)	Left rear of engine compartment on bracket 15
H-18 (20-WHT)	Behind I/P right side panel 58
Ground	
E-28	Top left rear of engine 28
E-30	Top right rear of engine 32

Circuit Operation

With the starter switch in ON or START, battery voltage is applied to the Powertrain Control Module (PCM), various engine sensors, and the ignition coils. When the engine is cranked to start, the crank shaft position (CKP) sensor sends timing information directly to the PCM, which breaks the ground path in the primary of the ignition coils, thus creating a high voltage secondary impulse which fires the spark plugs, and the engine starts. The PCM receives information such as firing order and starting timing at each ignition coil from the CKP sensor. The PCM relies on information from various engine sensors to determine correct ignition timing.