

IGNITION SYSTEM

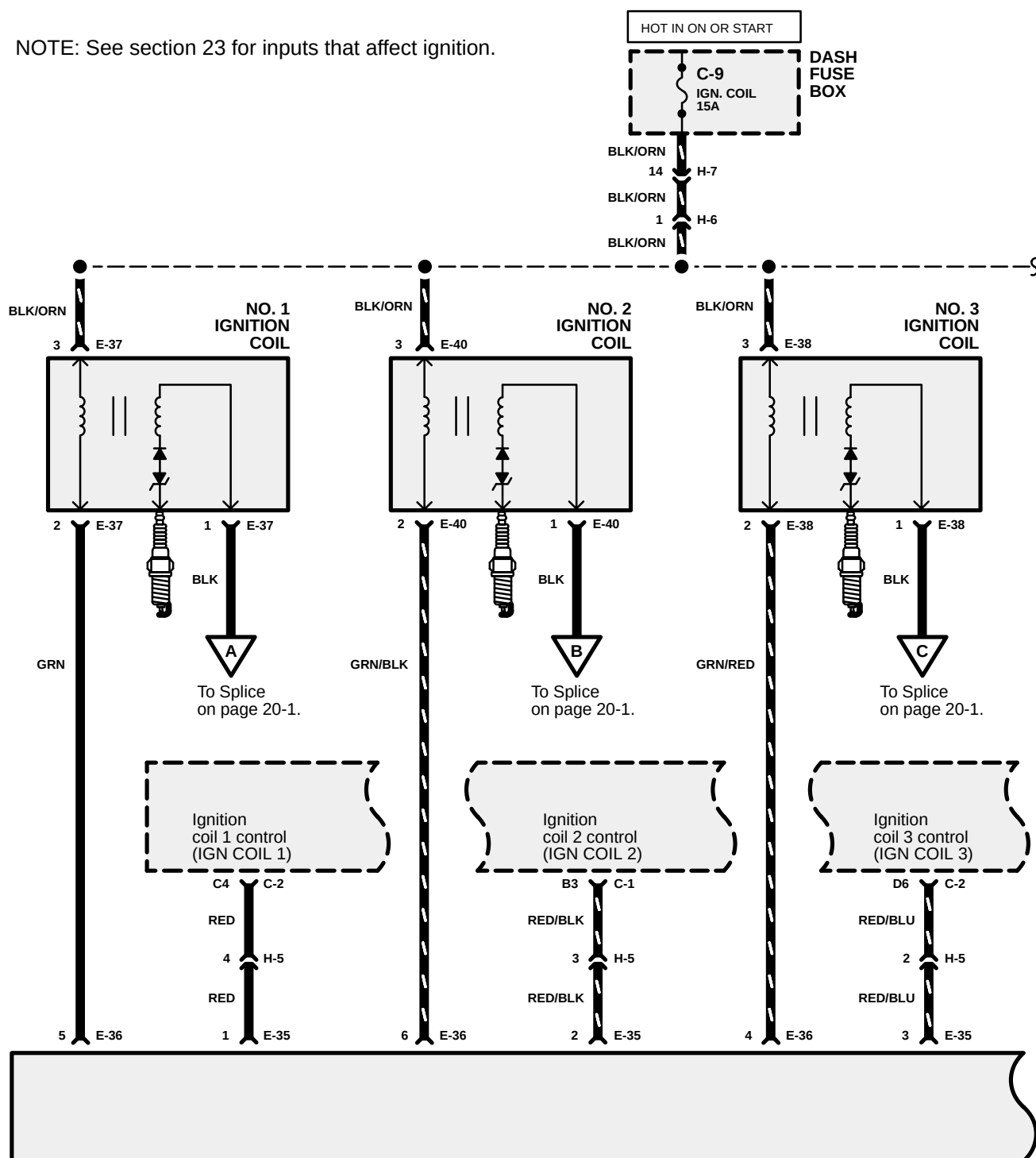
Component Index

- Dash Fuse Box
- Ignition Control Module (ICM)
- No. 1 Ignition Coil
- No. 2 Ignition Coil
- No. 3 Ignition Coil
- No. 4 Ignition Coil
- No. 5 Ignition Coil
- No. 6 Ignition Coil
- Powertrain Control Module (PCM)

IGNITION SYSTEM

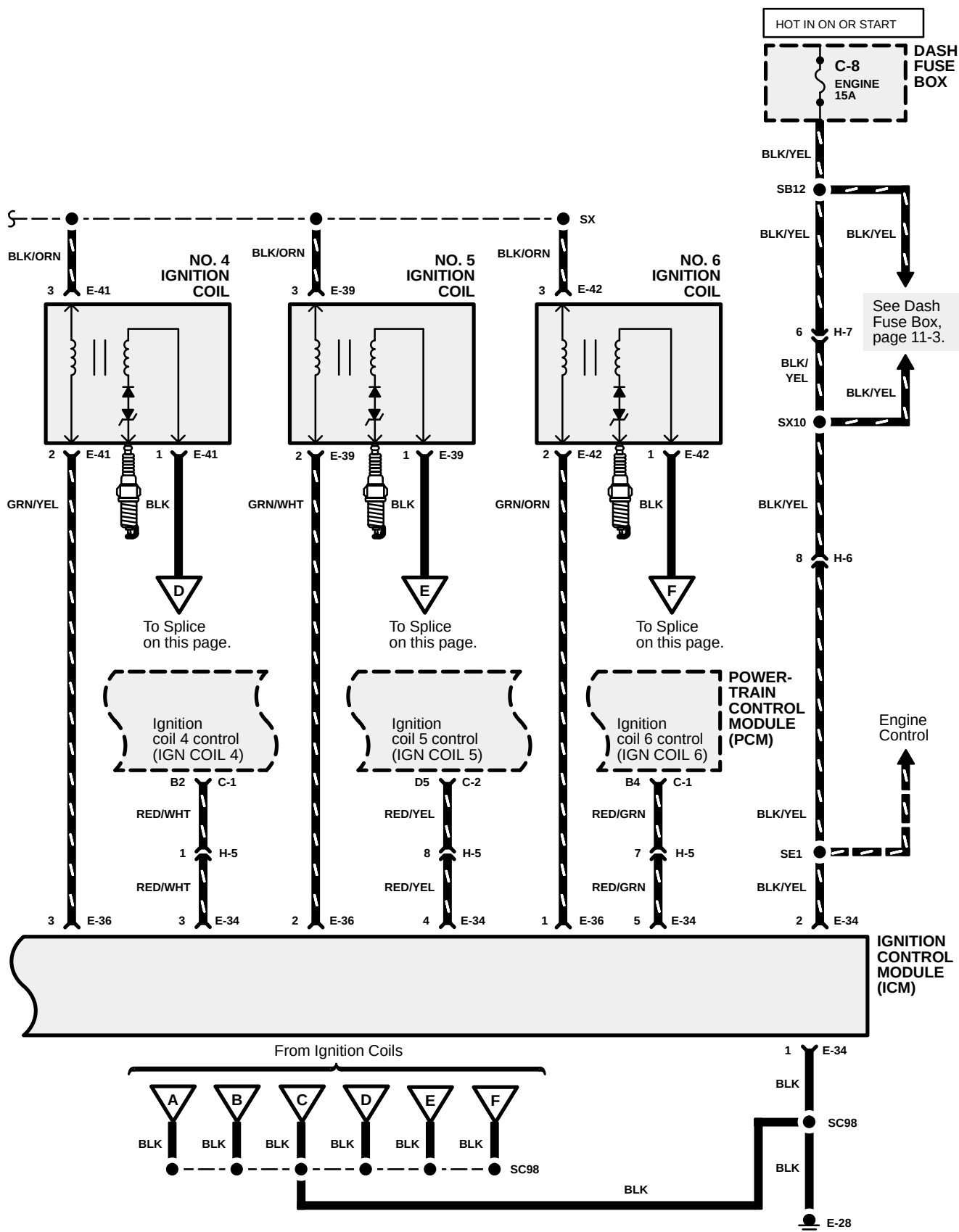
Circuit Schematic

NOTE: See section 23 for inputs that affect ignition.



IGNITION SYSTEM

Circuit Schematic



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Component Location Index

(Refer to Section 201 for photographs.)

<u>Component</u>		<u>Photo No.</u>
Dash Fuse Box	Behind left dash side trim panel	51
Ignition Control Module		
(ICM)	Top center of engine	15
No. 1 Ignition Coil	Right side of engine	11
No. 2 Ignition Coil	Left side of engine	12
No. 3 Ignition Coil	Right side of engine	11
No. 4 Ignition Coil	Left side of engine	12
No. 5 Ignition Coil	Right side of engine	11
No. 6 Ignition Coil	Left side of engine	12
Powertrain Control Module		
(PCM)	Behind the lower cluster assembly	62
 <u>Connector</u>		
H-5 (16-GRN)	Left side of engine compartment	13
H-6 (16-BLU)	Left side of engine compartment	13
H-7 (20-BRN/WHT)	Below I/P, above left dash side trim panel, on bracket	52
 <u>Ground</u>		
E-28	Top center rear of engine	15

Circuit Operation

With the starter switch in ON or START, battery voltage is applied to the ignition control module (ICM). When the engine is being cranked to start, the crankshaft position sensor sends timing information directly to the ignition control module (ICM). The ignition control module fires the ignition coils and the engine starts. After the engine reaches a certain idle speed, timing is switched to the powertrain control module (PCM). The powertrain control module (PCM) receives information such as firing order and starting timing at each ignition coil from the crankshaft position sensor. The powertrain control module (PCM) relies on information from various engine sensors to determine correct ignition timing.