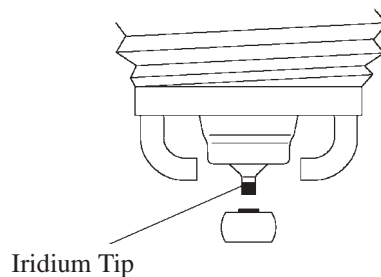
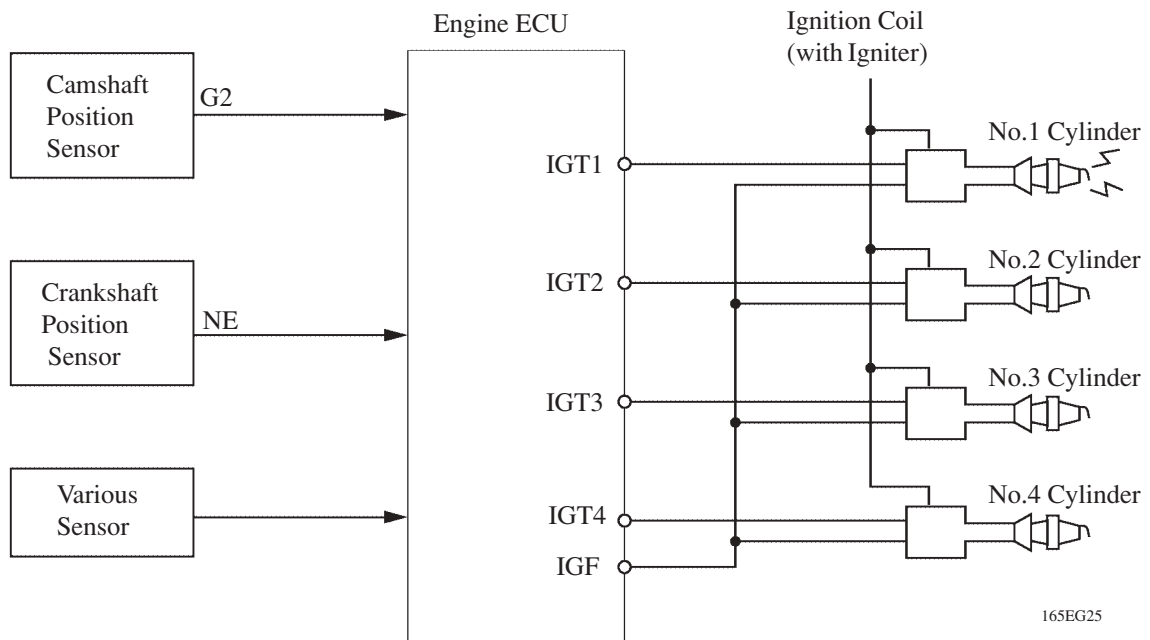


## 10. Ignition System

### 1) General

- A DIS (Direct Ignition System) has been adopted. The DIS improves the ignition timing accuracy, reduces high-voltage loss, and enhances the overall reliability of the ignition system by eliminating the distributor.  
The DIS in the 2AZ-FSE engine is an independent ignition system which has one ignition coil (with igniter) for each cylinder.
- The DIS provides 4 ignition coils, one for each cylinder. The spark plug caps, which provide contact to the spark plugs, are integrated with an ignition coil. Also, an igniter is enclosed to simplify the system.
- Iridium-tipped spark plugs have been adopted to improve ignition performance while maintaining the same level of durability of the platinum-tipped spark plugs.



240EG120

### ► Recommended Spark Plugs ◀

DENSO	SK20BR11
Plug Gap	1.0 – 1.1 mm (0.039 – 0.043 in.)