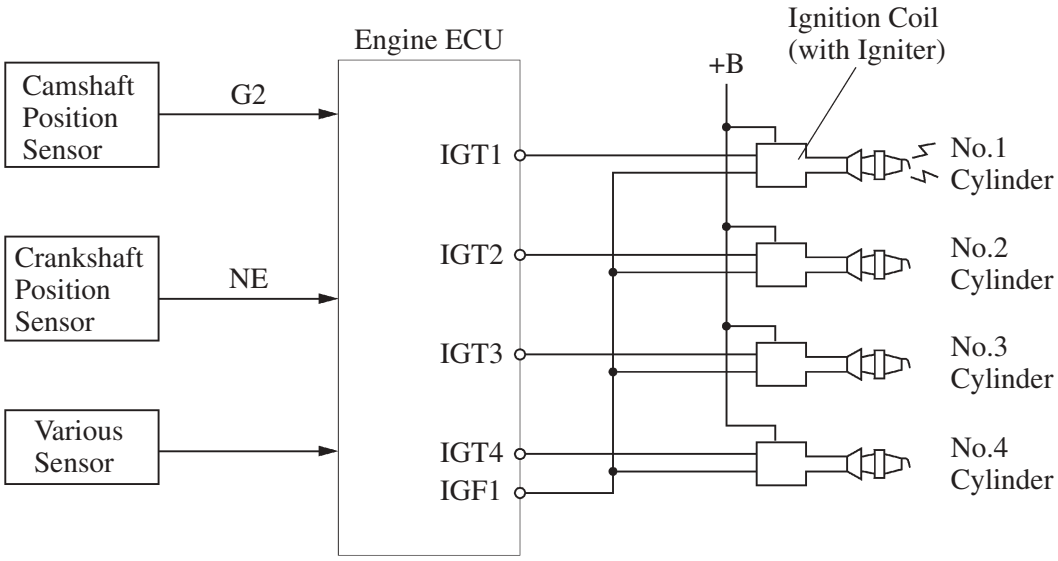
■IGNITION SYSTEM

1. General

A DIS (Direct Ignition System) is used. 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 this engine is an independent ignition system, which has one ignition coil (with igniter) for each cylinder.



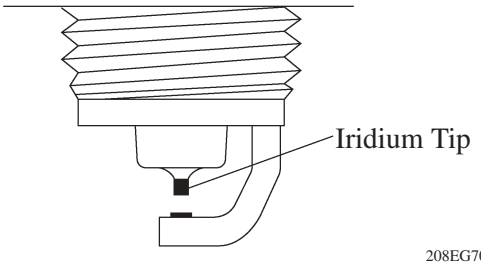
165EG25

2. Ignition Coil

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.

3. Spark Plug

Iridium-tipped spark plugs are used to realize a 192,000 km (120,000 mile) maintenance-free operation. By making the center electrode of iridium, the same ignition performance as the platinum-tipped spark plug have been achieved and further improvement of durability has been realized.



208EG70

▶ Specifications ◀

DENSO	SK20R11
NGK	IFR6A11
Plug Gap	1.0 – 1.1 mm (0.0394 – 0.043 in.)