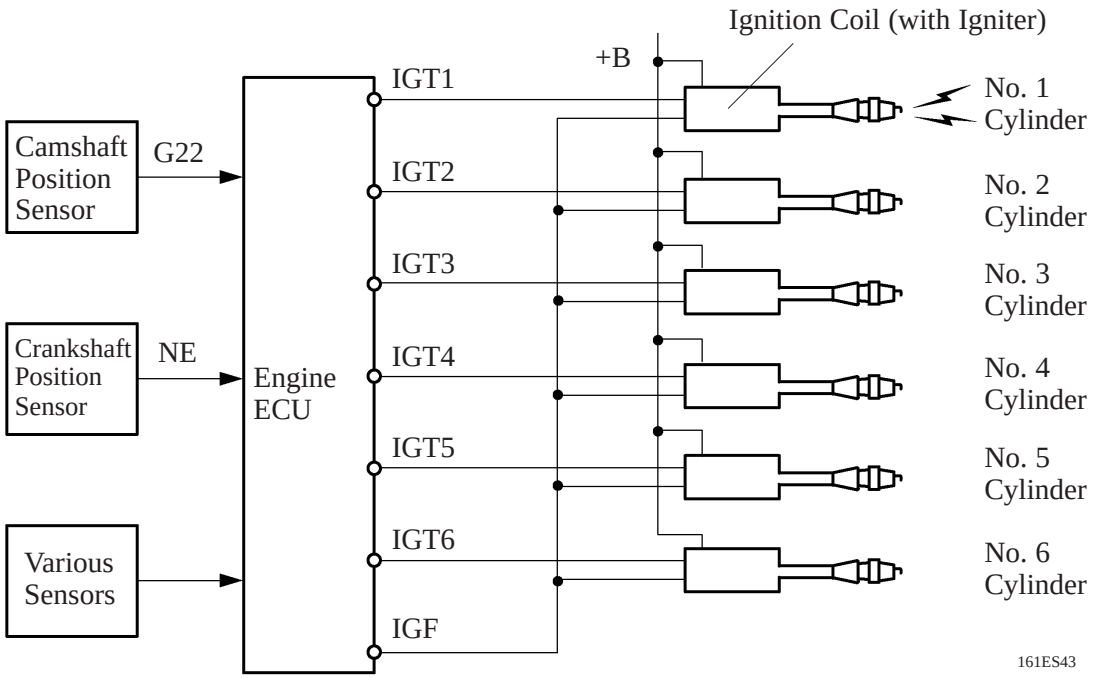
■IGNITION SYSTEM

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 this engine is an independent ignition system which has one ignition coil (with igniter) for each cylinder.
- Iridium-tipped spark plugs have been adopted. For details, see page EG-28 in 2AZ-FE engine section.



2. Ignition Coil

The DIS provides 6 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.

■STARTING SYSTEM

A compact and lightweight PS (Planetary reduction-Segment conductor motor) starter has been adopted on all models. For details, see page EG-29 in 2AZ-FE engine.