

## GROUP 16

# ENGINE ELECTRICAL

### GENERAL

#### OUTLINE OF CHANGES

- A 6G74-SOHC 24-valve engine has been added, and the alternator and ignition coil for 6G72-SOHC 24-valve engine have been changed. To correspond to this, the maintenance service procedures which are different from the previous type of engine electrical system are given below.

### CHARGING SYSTEM

#### SPECIFICATIONS

##### GENERAL SPECIFICATIONS

##### ALTERNATOR

Item	Specifications
Type Rated output V/A Voltage regulator	Battery voltage sensing 12/100 Electronic built in type

### IGNITION SYSTEM

#### SPECIFICATIONS

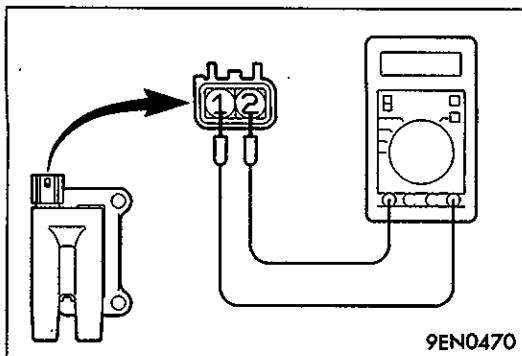
##### GENERAL SPECIFICATIONS

##### IGNITION COIL

Item	Specification
Type Identification No.	Mold 3-coil FC0020, FC0021

#### SERVICE SPECIFICATIONS

Item	Standard value
Ignition coil Primary coil resistance $\Omega$ Secondary coil resistance $k\Omega$	0.74 – 0.90 20.1 – 27.3

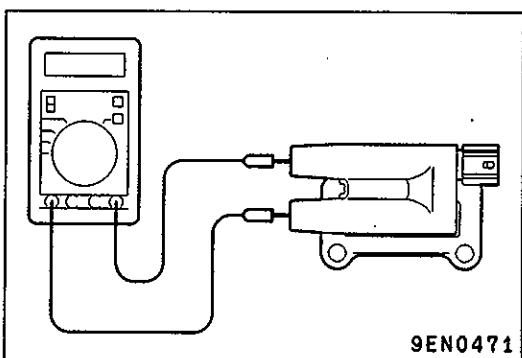


#### SERVICE ADJUSTMENT PROCEDURES IGNITION COIL INSPECTION

##### MEASUREMENT OF PRIMARY COIL RESISTANCE

Measure the resistance between the terminals for each cylinder (No.1 – No.4, No.2 – No.5, No.3 – No.6) of the ignition coil as shown in the illustration.

**Standard value: 0.74 – 0.90 Ω**



##### MEASUREMENT OF SECONDARY COIL RESISTANCE

Measure the resistance between the high-voltage terminals for each cylinder (No.1 – No.4, No.2 – No.5, No.3 – No.6) of the ignition coil as shown in the illustration.

**Standard value: 20.1 – 27.3 kΩ**