

# 16 ENGINE ELECTRICAL

## CONTENTS

### CHARGING SYSTEM

#### GENERAL INFORMATION

#### SERVICE SPECIFICATIONS

#### SPECIAL TOOL

#### ON-VEHICLE SERVICE

WAVE PATTERN CHECK USING AN  
ANALYSER

ALTERNATOR RELAY CONTINUITY CHECK

#### ALTERNATOR

REMOVAL AND INSTALLATION

#### ALTERNATOR

DISASSEMBLY AND REASSEMBLY

DISASSEMBLY SERVICE POINTS

INSPECTION

### STARTING SYSTEM

#### GENERAL INFORMATION

#### SERVICE SPECIFICATIONS

#### STARTER MOTOR

REMOVAL AND INSTALLATION

#### STARTER MOTOR

DISASSEMBLY AND REASSEMBLY

DISASSEMBLY SERVICE POINTS

STARTER MOTOR PART CLEANING

REASSEMBLY SERVICE POINT

INSPECTION

BRUSH AND SPRING REPLACEMENT

ARMATURE TEST

### IGNITION SYSTEM

#### GENERAL INFORMATION

#### SERVICE SPECIFICATIONS

#### ON-VEHICLE SERVICE

SPARK PLUG CABLE TEST

SPARK PLUG TEST

IGNITION COIL CHECK

POWER TRANSISTOR CHECK

SPARK PLUG CABLE RESISTANCE CHECK

SPARK PLUG CHECK AND CLEANING

CAMSHAFT POSITION SENSOR CHECK

IGNITION SECONDARY VOLTAGE WAVE  
PATTERN CHECK

IGNITION PRIMARY VOLTAGE WAVE  
PATTERN CHECK

### IGNITION SYSTEM

REMOVAL AND INSTALLATION

INSTALLATION SERVICE POINTS

### DISTRIBUTOR

DISASSEMBLY AND REASSEMBLY

INSPECTION

### CRANK ANGLE SENSOR

REMOVAL AND INSTALLATION

INSPECTION