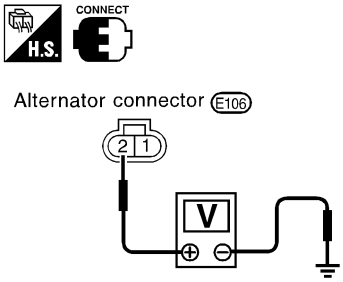
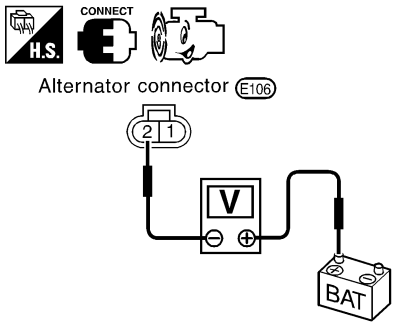
DIAGNOSTIC PROCEDURE 3
Check "S" Terminal Circuit

=NASC0020S05

NASC0020S0501

1	CHECK "S" TERMINAL CONNECTION	
Check to see if "S" terminal is clean and tight.		
OK or NG		
OK	▶	GO TO 2.
NG	▶	Repair "S" terminal connection. Confirm repair by performing complete Battery/Starting/Charging system test.

2	CHECK ALTERNATOR "S" TERMINAL CIRCUIT	
Check voltage between alternator terminal 2 and ground using a digital circuit tester.		
 **Battery voltage should exist.** SEL427X		
OK or NG		
OK	▶	GO TO 3.
NG	▶	**Check the following.** ● 7.5A fuse (No. 65, located in fuse and fusible link box) ● Harness for open or short between alternator and fuse

3	CHECK "S" TERMINAL CONNECTION QUALITY (VOLTAGE DROP TEST)	
Check voltage between alternator terminal 2 and battery positive terminal using a digital tester.		
 When the engine running at idle and warm, **Voltage: Less than 0.2V** SEL428X		
OK or NG		
OK	▶	Replace the alternator. Confirm repair by performing complete Battery/Starting/Charging system test.
NG	▶	Check harness between the battery and the alternator for poor continuity.

MALFUNCTION INDICATOR

NASC0020S06

The IC regulator warning function activates to illuminate "CHARGE" warning lamp, if any of the following symptoms occur while alternator is operating:

- Excessive voltage is produced.
- No voltage is produced.