

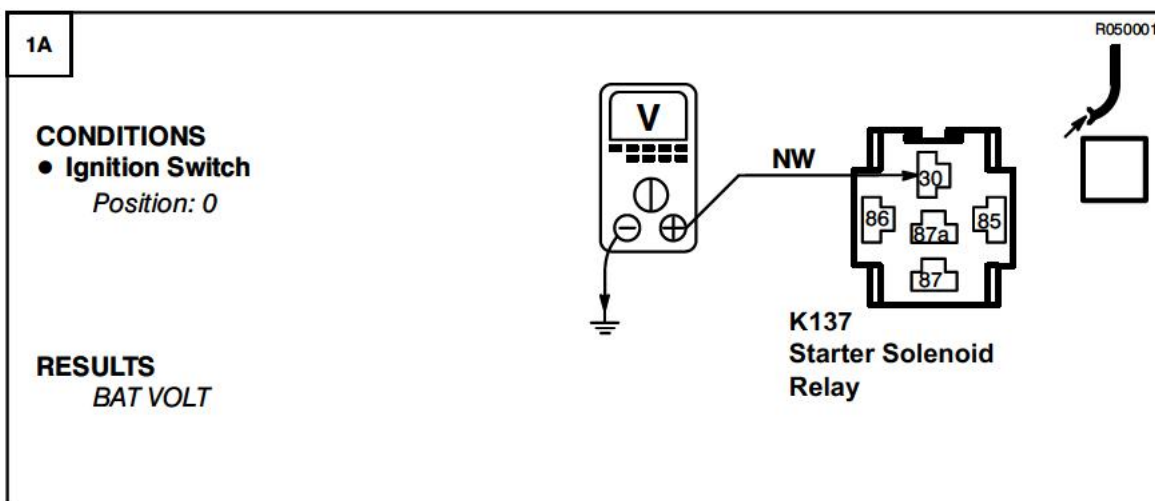
TROUBLESHOOTING HINTS

1. If the Starter Solenoid (K136) does not click, check the Park/Neutral Position Switch (X167) and the Theft Alarm Unit (Z163).

SYSTEM DIAGNOSIS

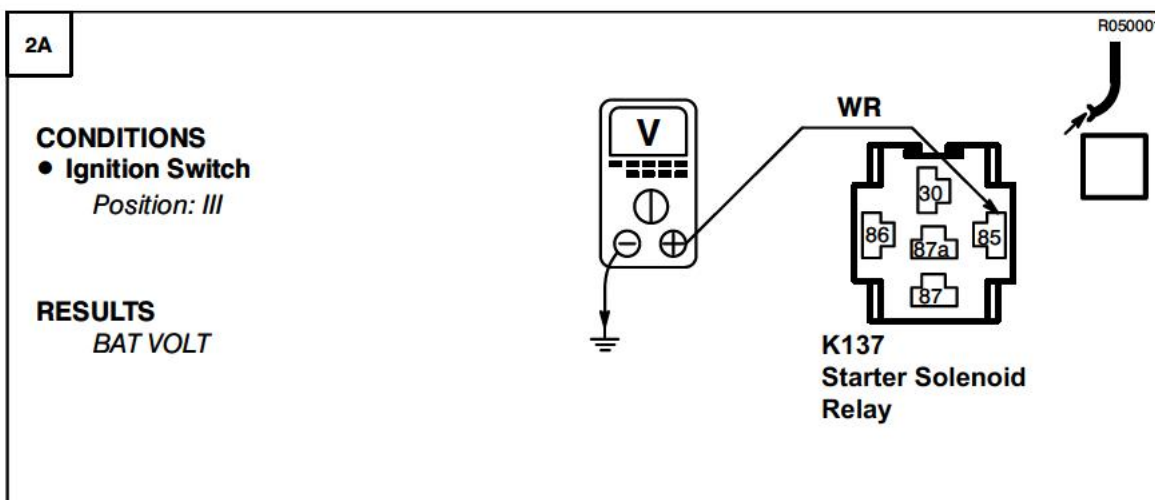
1. If the Starter Solenoid (K136) does not click and the engine does not crank, do Test A.
2. If the Starter Solenoid (K136) clicks but the engine does not crank or cranks slowly, do Test B.
3. If the charge warning light does not light with the engine off and the Ignition Switch (X134) in position II, do Test C.
4. If the charge warning light stays lit with the engine running, do Test D.

Test A



~~OK~~ **PROBLEM CAUSE**
 - NW Wire

OK



~~OK~~ **PROBLEM CAUSE**
 - F17 Fuse
 - WR Wire
 - Ignition Switch

OK



B1 ETM

DISCOVERY

R050001

2A

3A

CONDITIONS

- Ignition Switch
Position: 0

RESULTS
BAT VOLT

**K137
Starter Solenoid
Relay**



PROBLEM CAUSE

- B Wire
- Starter Solenoid



R050001

4A

CONDITIONS

- Ignition Switch
Position: 0
- Gear Selector
P/N

RESULTS
Starter (M134) cranks engine

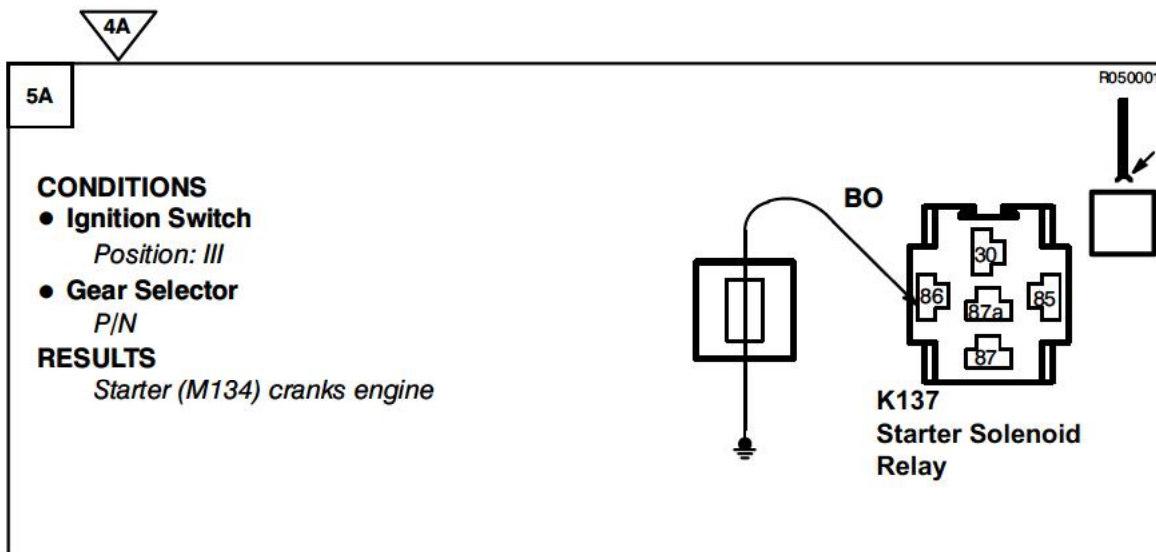
**K137
Starter Solenoid
Relay**



PROBLEM CAUSE

- NR Wire
- Starter Solenoid
- Starter



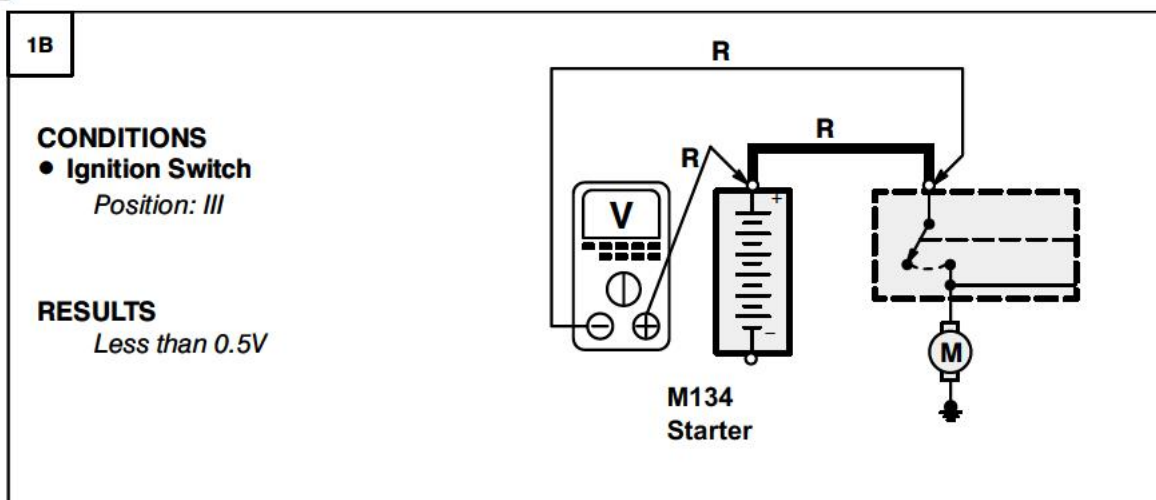


- PROBLEM CAUSE**
- BY, BO Wire
 - Starter Relay Diode
 - Park/Neutral Position Switch
 - Theft Alarm Unit



- PROBLEM CAUSE**
- Starter Solenoid Relay

Test B



- PROBLEM CAUSE**
- R Wire
 - Battery Terminal Connection
 - Starter Solenoid
 - Starter Solenoid (K136) terminal connection



B1 ETM

DISCOVERY

1B

2B

CONDITIONS

- Ignition Switch
Position: III

RESULTS
Less than 0.5V



PROBLEM CAUSE

- B Wire
- Battery Terminal Connection
- Ground Connections



PROBLEM CAUSE

- Starter Solenoid
- Starter

Test C

1C

CONDITIONS

- Ignition Switch
Position: II

RESULTS
BAT VOLT

Z106 Generator



PROBLEM CAUSE

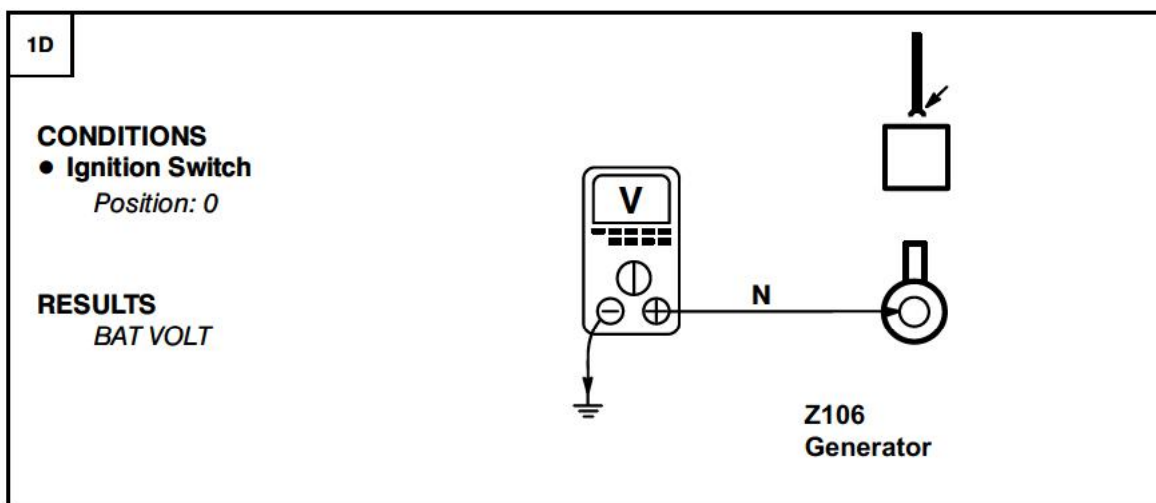
- NY Wire
- Bulb
- Instrument Cluster



PROBLEM CAUSE

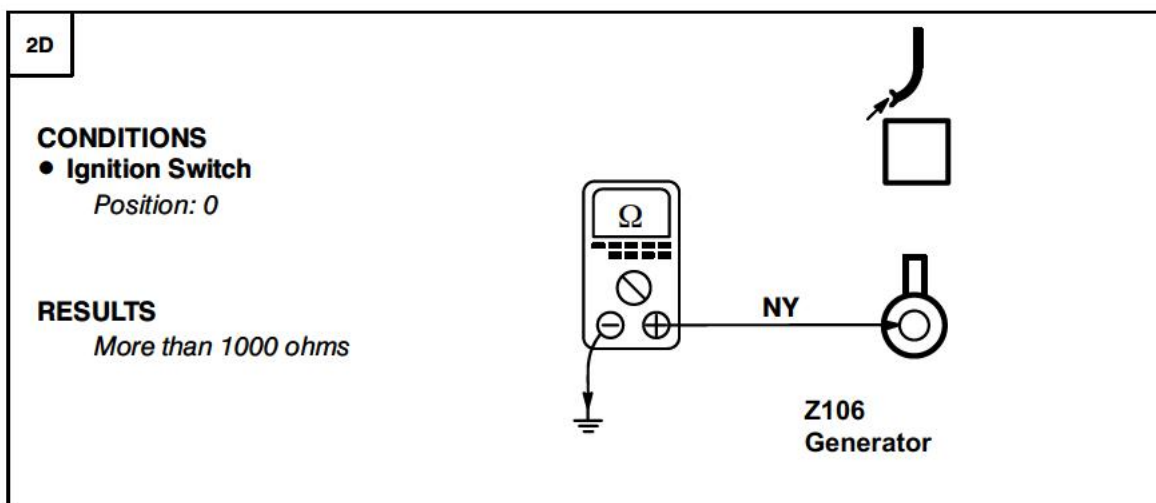
- Generator

Test D



~~OK~~ PROBLEM CAUSE
 - N Wire

OK



~~OK~~ PROBLEM CAUSE
 - NY Wire
 - Instrument Cluster

OK PROBLEM CAUSE
 - Generator