

Section B

**NO START,
ENGINE CRANKS
(2005 – 2008)**

Note:
1) Use appropriate test connector with leads from RK-03 Pigtail Kit located in the Electrical Service Kit #SK-4000-03.

Disconnect 3-place connector 8/9.
Set voltmeter to DC volts.
Place red test lead on red ignition module power wire terminal at connector 8 (see note 1).
Place black lead to ground.
With the key ON and Run switch activated, voltmeter should read battery voltage.
Is this your observation?

No

Yes

Disconnect EHC connector "A" (power harness).
Set voltmeter to read Ohms.
Check for continuity between EHC and connector terminal A19 and red wire terminal in connector 8.
Resistance should be less than 1 Ohm.
Is this your observation?

Disconnect EHC connector "A" (power harness).
Set voltmeter to read Ohms.
Check for continuity between EHC and connector terminal A23 and the black wire terminal in connector 8.
Resistance should be less than 1 Ohm.
Is this your observation?

No

Yes

No

Yes

Repair open in red ignition module power wire.
06006

Set voltmeter to read Ohms
Check for continuity between red ignition module power wire at connector 8 and ground.
Is continuity present?

Repair open in black ignition module ground wire.
06006

Stop.
Continue at **NO START, ENGINE CRANKS – SECTION C** flow chart.

No

Yes

Replace EHC
06050

Repair short to ground in red ignition module power wire.
06006