

BASIC INSPECTION

When a malfunction is not confirmed in the DTC check, troubleshooting should be carried out in all the circuits considered possible causes of the problem. In many cases, by carrying out the basic engine check shown in the following flowchart, the location of the problem can be found quickly and efficiently. Therefore, using this check is essential in engine troubleshooting.

1 CHECK BATTERY VOLTAGE

NOTICE:

Carry out this check with the engine stopped and ignition switch OFF.

Result	Proceed To
11V or more	OK
Below 11V	NG

NG CHARGE OR REPLACE BATTERY

OK

2 CHECK IF ENGINE WILL CRANK

NG PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE 05-12

OK

3 CHECK IF ENGINE STARTS

NG GO TO STEP 7

OK

4 CHECK AIR FILTER

(a) Visually check if the air filter is not contaminated with dirt or oil.

NG REPLACE AIR FILTER

OK

5 **CHECK IDLING SPEED**
(See page 14-1 of Pub. No. RM864E AVENSIS VERSO/PICNIC)

NG

PROCEED TO PAGE 14-1 of Pub. No. RM864E AVENSIS VERSO/PICNIC AND CONTINUE TO TROUBLESHOOT

OK

PROCEED TO PROBLEM SYMPTOMS TABLE ON [PAGE 05-12](#)

6 **CHECK FUEL PRESSURE**
(See page 11-5 of Pub. No. RM864E AVENSIS VERSO/PICNIC)

NG

PROCEED TO PAGE 11-5 of Pub. No. RM864E AVENSIS VERSO/PICNIC AND CONTINUE TO TROUBLESHOOT

OK

7 **CHECK FOR SPARK**
(See page 18-2 of Pub. No. RM864E AVENSIS VERSO/PICNIC)

NG

PROCEED TO PAGE 18-2 of Pub. No. RM864E AVENSIS VERSO/PICNIC AND CONTINUE TO TROUBLESHOOT

OK

PROCEED TO PROBLEM SYMPTOMS TABLE ON [PAGE 05-12](#)