

BASIC INSPECTION

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

1 CHECK BATTERY VOLTAGE

NOTICE:

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

	OK	NG
Voltage	11 V or more	Less than 11 V

NG → CHARGE OR REPLACE BATTERY

OK

2 CHECK IF ENGINE WILL CRANK

NG → PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE [05-31](#)

OK

3 CHECK IF ENGINE STARTS

NG → Go to step 7

OK

4 CHECK AIR FILTER

Visually check if the air filter is contaminated with dirty or oily.

NG → CLEAN OR REPLACE

OK

5 CHECK IDLE SPEED (See page [14-1](#))

NG → PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE [05-31](#)

OK

6 CHECK FUEL PRESSURE (See page [11-4](#))

NG → PROCEED TO PAGE [11-4](#) AND CONTINUE TO TROUBLESHOOT

OK

7**CHECK FOR SPARK (See page [18-3](#))****NG****PROCEED TO PAGE [18-1](#) AND CONTINUE TO TROUBLESHOOT****OK****PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE [05-31](#)**