05N30–01

BASIC INSPECTION

When the malfunction code is not confirmed in the DTC check, troubleshooting should be carried out in all the possible circuits considered as causes of the problems. In many cases, by carrying out the basic engine check shown in the following flow chart, the location causing 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 this 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 05–202**

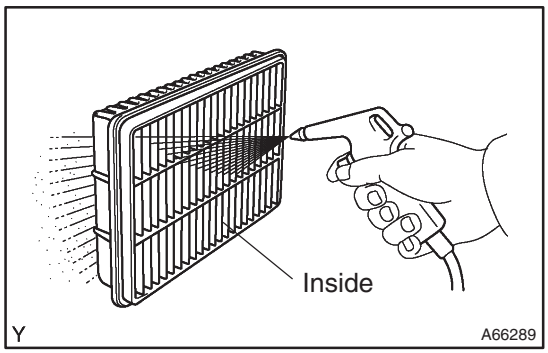
OK

3	CHECK IF ENGINE STARTS

NG → **GO TO STEP 7**

OK

4	CHECK AIR FILER



(a) Visually check that the air filter is not excessively dirty or oily.

NOTICE:
If necessary, clean the filter with compressed air. First blow from the inside thoroughly, then blow from the outside of the filter.

NG → **REPAIR OR REPLACE**

OK

5	CHECK IDLE SPEED (See Pub. No. RM1017E, page 14–1)

NG → **PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE 05–202**

OK

6	CHECK IGNITION TIMING (See Pub. No. RM1017E, page 14–1)

NG → PROCEED TO PUB. NO. RM1017E, PAGE 18–1 AND CONTINUE TO TROUBLESHOOT

OK

PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE 05–202

7	CHECK FUEL PRESSURE (PUB. NO. RM1017E, PAGE 11–1)

NG → PROCEED TO PUB. NO. RM1017E, PAGE 11–5 AND CONTINUE TO TROUBLESHOOT

OK

8	CHECK FOR SPARK (See Pub. No. RM1017E, page 18–3)

NG → PROCEED TO PUB. NO. RM1017E, PAGE 18–1 AND CONTINUE TO TROUBLESHOOT

OK

PROCEED TO PROBLEM SYMPTOMS TABLE ON PAGE 05–202