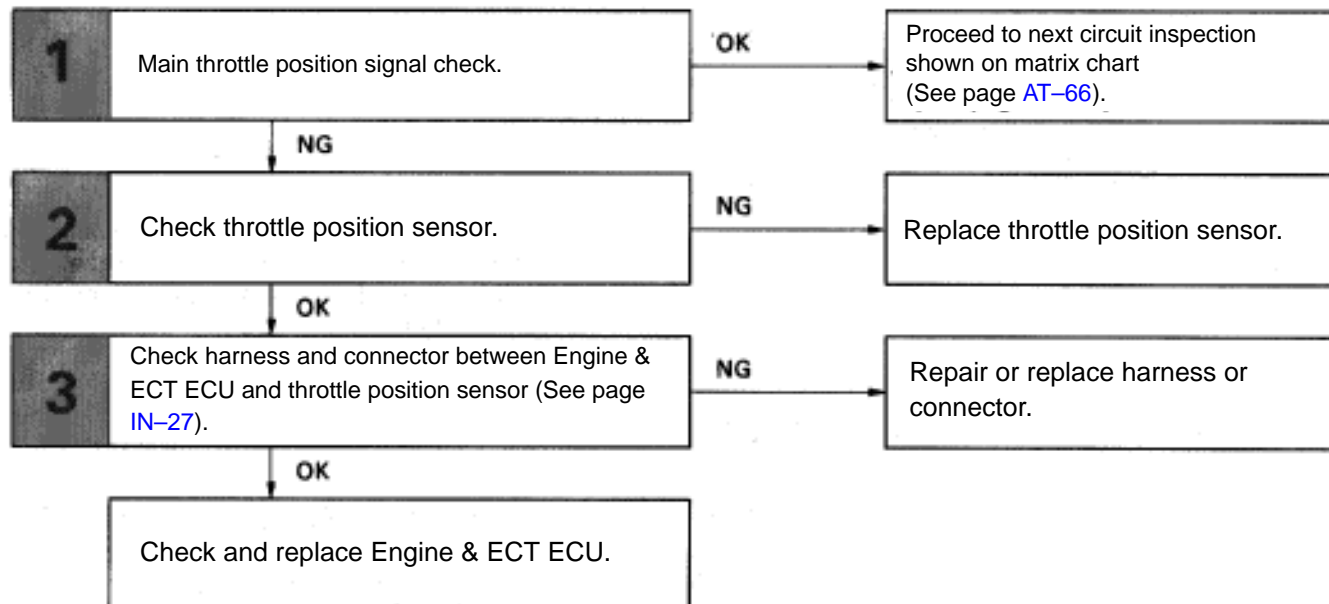


Throttle Position Sensor Circuit

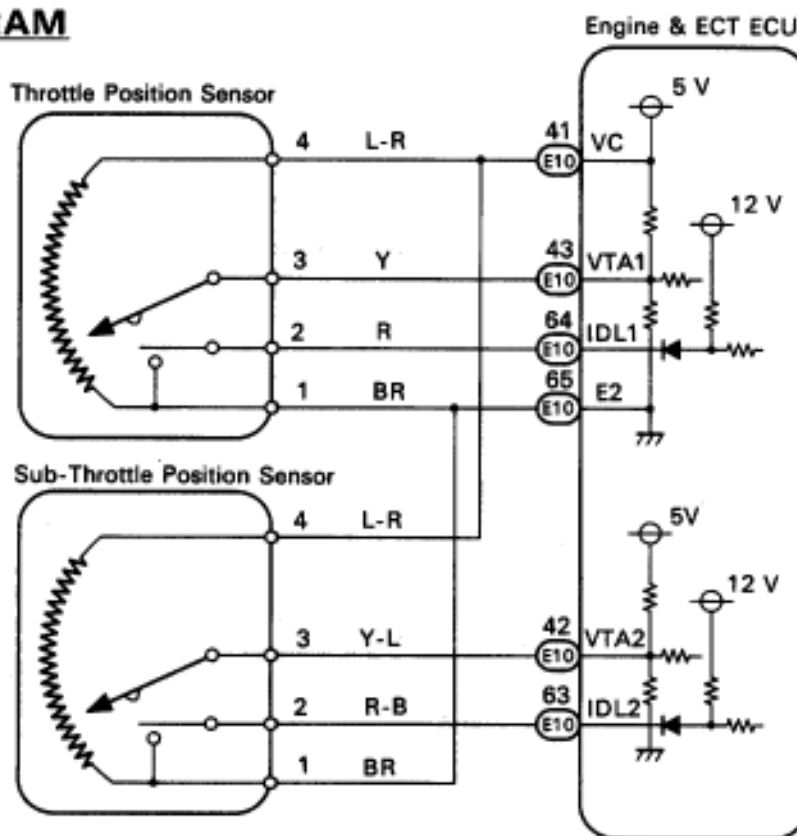
— CIRCUIT DESCRIPTION —

The throttle position sensor detects the throttle valve opening angle and sends signals to Engine & ECT ECU.

— DIAGNOSTIC CHART —



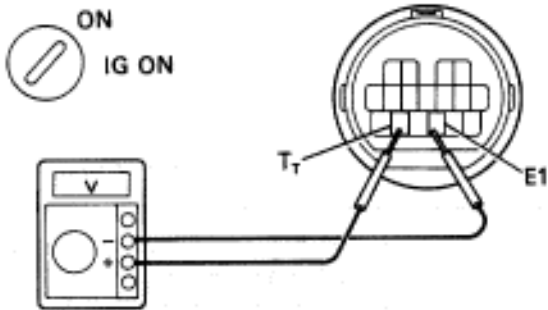
WIRING DIAGRAM



INSPECTION PROCEDURE

1

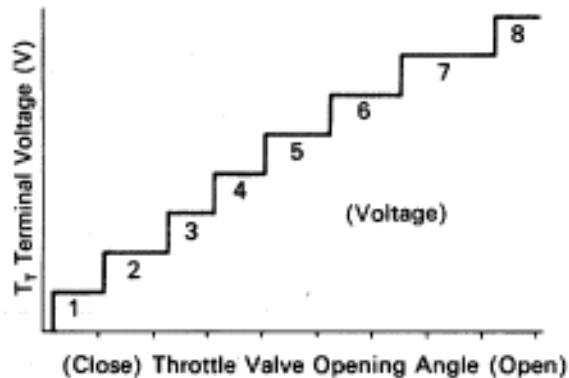
Main throttle position signal check.

AB0119
AT5630

P Turn ignition switch ON (Do not start engine).

C Check voltage at the terminal T_T of the TDCL while gradually depressing the accelerator pedal from the fully closed position to the fully opened position.

OK Voltage changes from 0V to 8V by stages



Info Do not depress the brake pedal during this test. The voltage will stay 0V if depressed.

NG

OK

Proceed to next circuit inspection shown on Matrix chart (See page [AT-66](#)).

2

Check throttle position sensor.

See engine troubleshooting section on page [TR-94](#).

OK

NG

Replace throttle position sensor.

3

Check harness and connector between Engine & ECT ECU and throttle piston sensor (See page [IN-27](#)).

OK

NG

Repair or replace harness or connector.

Check and replace Engine & ECT ECU.