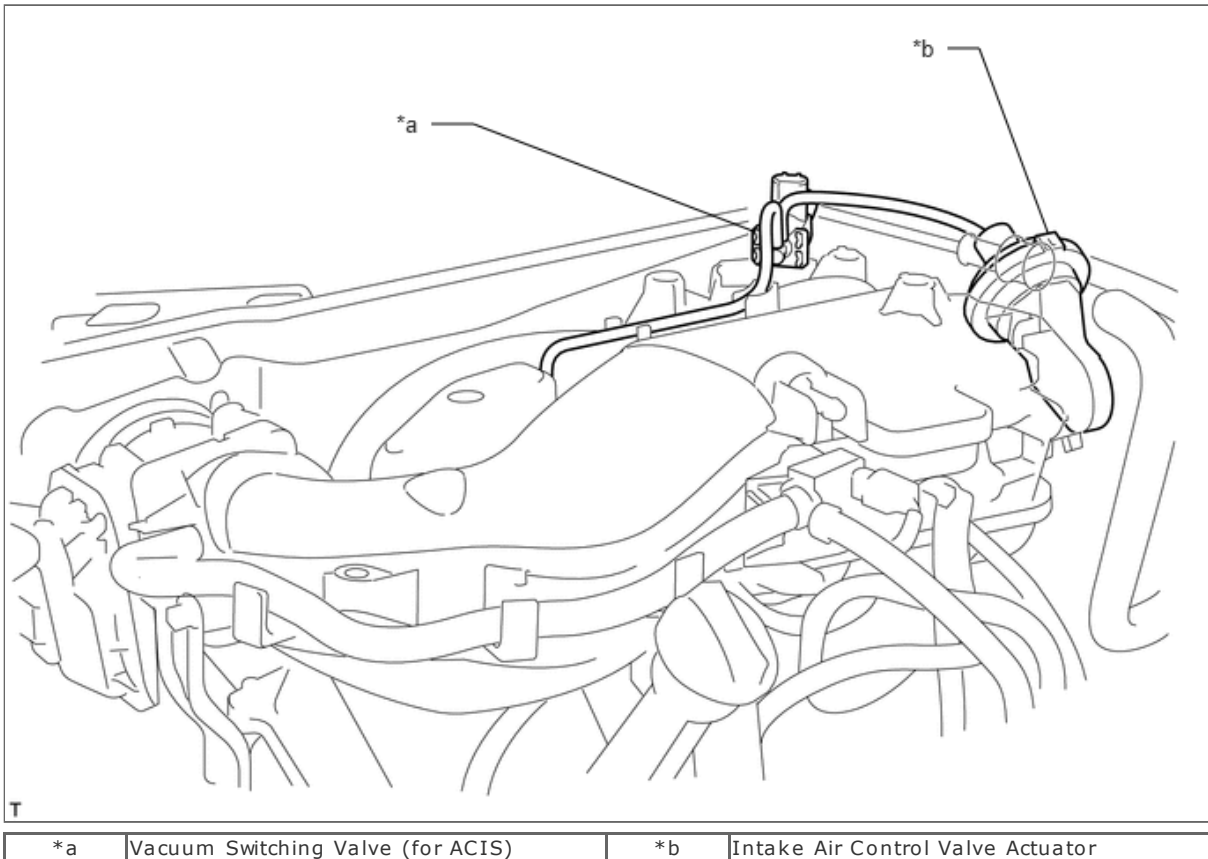
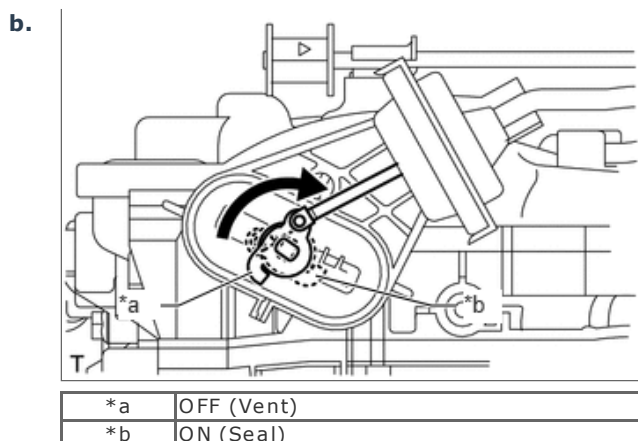


PROCEDURE

1. CHECK INTAKE AIR CONTROL FUNCTION



a. Start the engine.



Check that the vacuum switching valve assembly (for ACIS) is ON (seal) under either of the following conditions below.

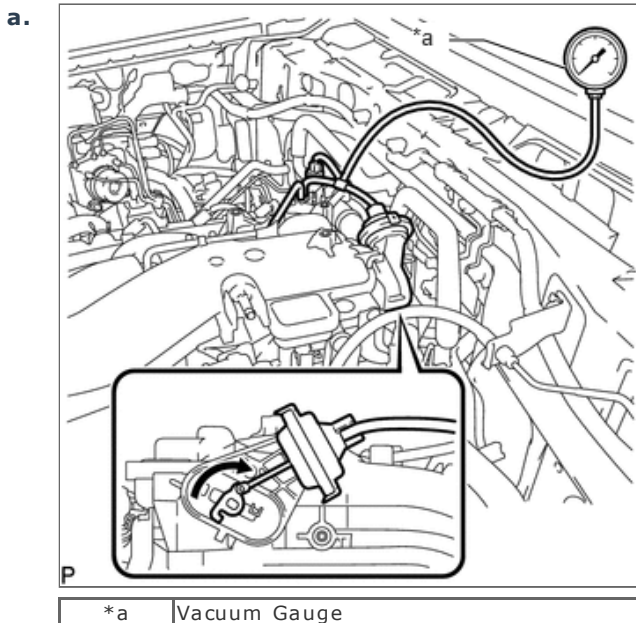
- Depressing the accelerator pedal to a throttle valve opening angle of 60°.
- Racing the engine above 4700 rpm.

NOTICE:

Do not increase the engine speed to 5400 rpm or more.

- c. Check that the vacuum switching valve assembly (for ACIS) is OFF (vent) under either of the following conditions below.
- The engine is idling.
 - Releasing the accelerator pedal while under the vacuum switching valve assembly (for ACIS) ON condition.
- d. Connect the GTS to the DLC3.
- e. Perform the Active Test, and then check that the actuator rod operates.
If the result is not as specified, inspect the intake air control valve, intake air surge tank and vacuum switching valve assembly (for ACIS) for normal operation. Replace malfunctioning parts as necessary.

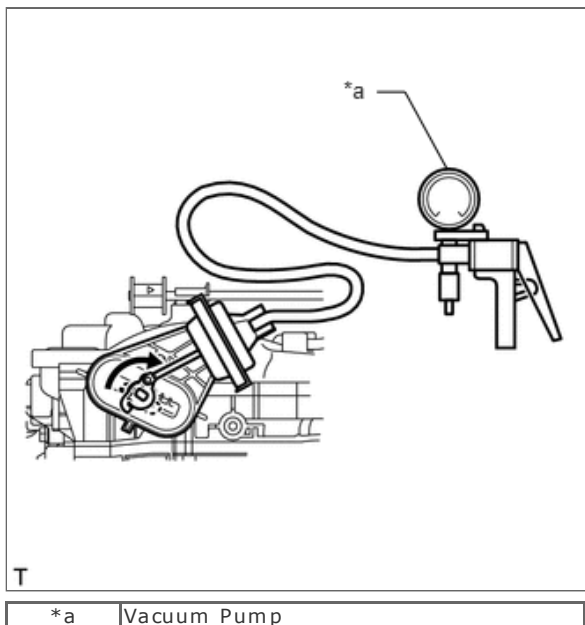
2.CHECK INTAKE AIR CONTROL VALVE OPERATION



Using a 3-way connector, connect a vacuum gauge to the intake air control valve actuator hose.

- b. Start the engine.
- c. While the engine is idling, check that the vacuum gauge needle momentarily fluctuates up to approximately 40 kPa (300 mmHg, 11.8 in.Hg) (the actuator rod is pulled out).
- d. Fully depress the accelerator pedal, and check that the vacuum gauge needle points to 0 kPa (0 mmHg, 0 in.Hg) (the actuator rod is returned).
- e. Remove the vacuum gauge and connect the vacuum hose to the intake air control valve actuator.

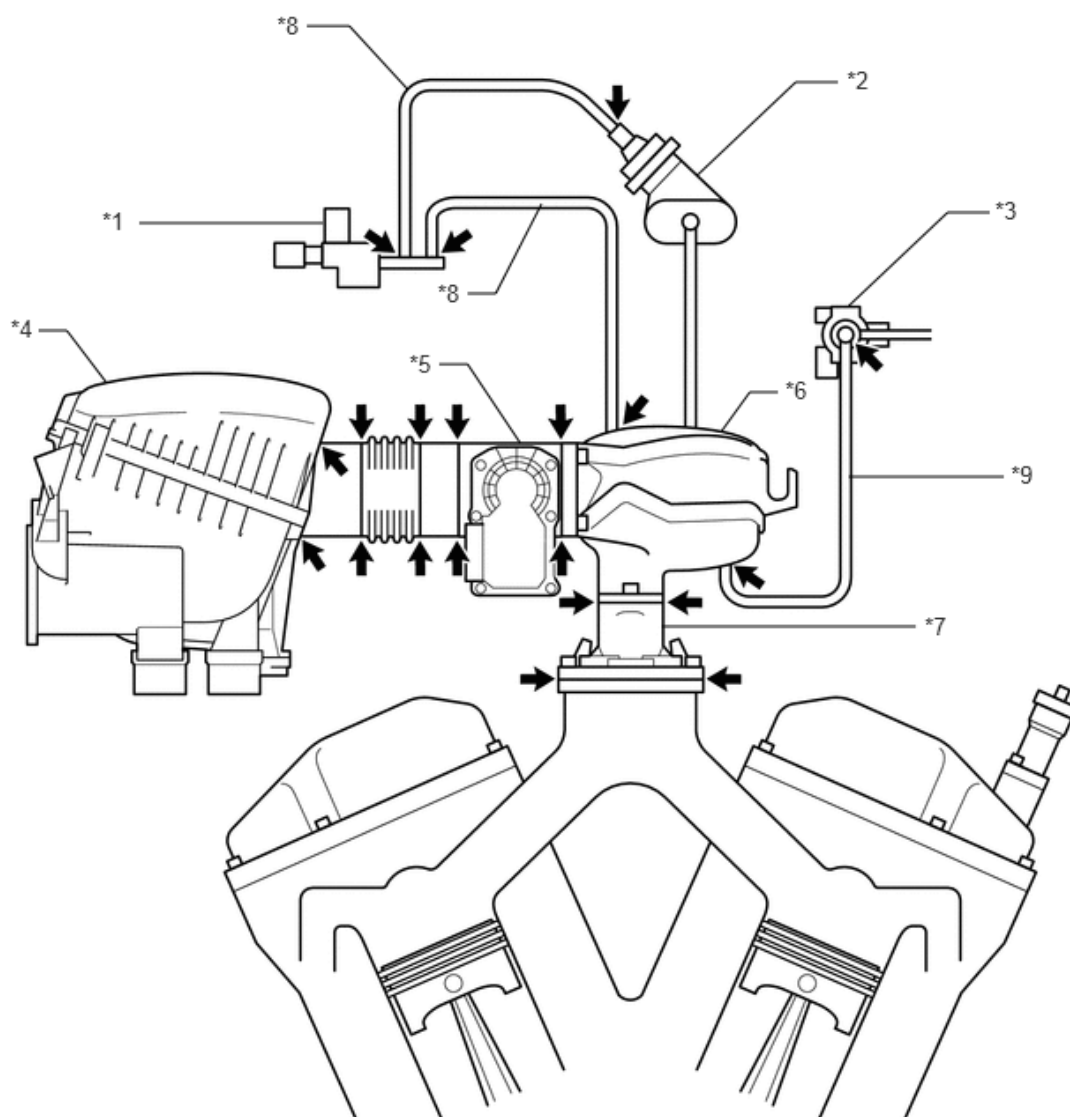
3.INSPECT INTAKE AIR CONTROL VALVE



- a. Inspect the diaphragm.
 - i. Using a vacuum pump, apply a vacuum of 27 kPa (200 mmHg, 7.87 in.Hg). Check that the lever moves. If the result is not as specified, replace the intake air surge tank.

4.INSPECT INTAKE SYSTEM

- a. Check that there is no air suction at the points shown in the illustration.



P

*1	Vacuum Switching Valve Assembly (for ACIS)	*2	Intake Air Control Valve Actuator
*3	Purge VSV	*4	Air Cleaner
*5	Throttle Body Assembly	*6	Intake Air Surge Tank
*7	Intake Manifold	*8	Vacuum Hose
*9	No. 2 Fuel Vapor Feed Hose	-	-