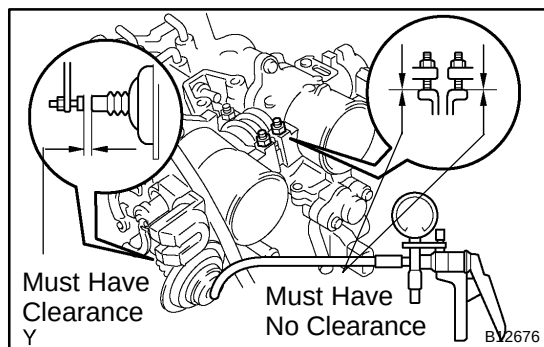




## INSPECTION

### NOTICE:

In case of changing, removing or installing the throttle body or IAC valve, must do this.

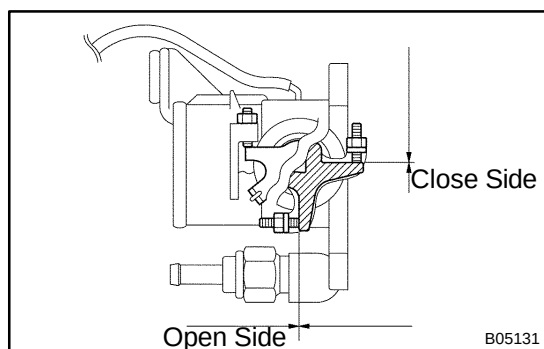
#### 1. INSPECT THROTTLE BODY

- (a) Check that there is no clearance between each throttle stop screw and the throttle lever when applying the vacuum (53.3 kPa (400 mmHg, 15.7 in.Hg)) to the throttle opener using a MITYVAC (Hand-Held Vacuum Pump).

**Standard: Must have no clearance**

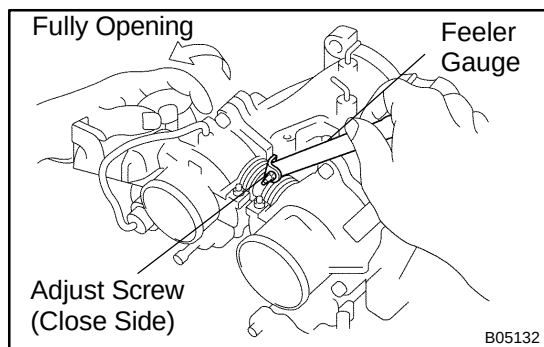
### NOTICE:

As the throttle stop screw is precisely adjusted, so do not adjust it.



- (b) Under the condition of (1), check visually that there is a clearance between each adjust screw and the throttle lever on No.1 side.

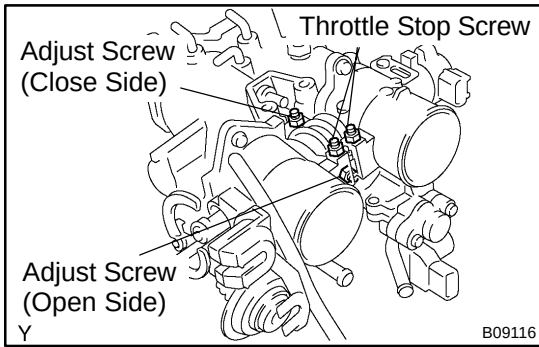
| Adjust screw | Reference value            |
|--------------|----------------------------|
| Close side   | About 0.13 mm (0.0051 in.) |
| Open side    | About 0.22 mm (0.0087 in.) |



- (c) Measure the clearance between the adjust screw on the close side when fully opening the throttle lever on No.2 side by hand and the throttle lever on No.1 side with a feeler gauge.

**Standard value: 0.25 - 0.45 mm (0.0098 - 0.0177 in.)**

In case of being out of standard value, perform the adjustment of step 2.



## 2. ADJUST THROTTLE BODY (BALANCE)

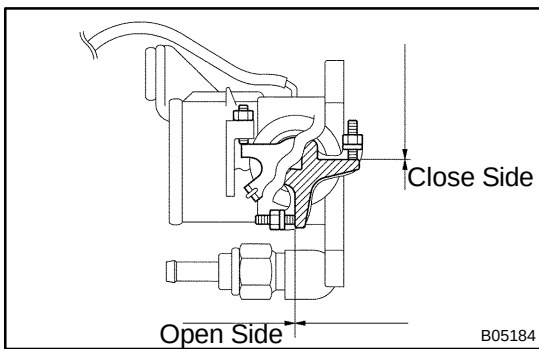
### NOTICE:

**Do not adjust the throttle stop screw and throttle opener.**

- (a) Beforehand checking.  
Recheck 1 - (a).
- (b) Adjustment of the adjust screw on the open side.
  - (1) Using a 2 mm hexagon wrench, loosen the lock nut and screw, make clearance between the screw tip and the throttle lever on No.1 side.
  - (2) Turn the screw to the screw torque direction gradually, and stop it at the position where to touch the lever at the very moment.

### NOTICE:

**If turning it too much to the torque direction, the No.1 lever goes off from the throttle stop screw causing the adjustment failure.**



- (3) Turn it back from the position where it touches the lever to the screw loosening direction.

**Standard: Turn it back by rotating 1/4**

- (4) Tighten the lock nut.
- (c) Adjustment of the adjust screw on the close side.
  - (1) Loosen the lock nut and screw, and make clearance between the screw tip and the throttle lever on No.1 side.
  - (2) Turn the screw to the screw torque direction gradually, and stop it at the position where to touch the lever at the very moment.

### NOTICE:

**If turning it too much to the torque direction, the No.2 lever goes off from the throttle stop screw causing the adjustment failure.**

- (3) Turn it back from the position where it touches the lever to the screw loosening direction.

**Standard: Turn it back by rotating 1/2 - 3/4**

- (4) Tighten the lock nut.
- (d) Completion checking.  
Check 1 - (c).