

## BRAKE FLUID BLEEDING

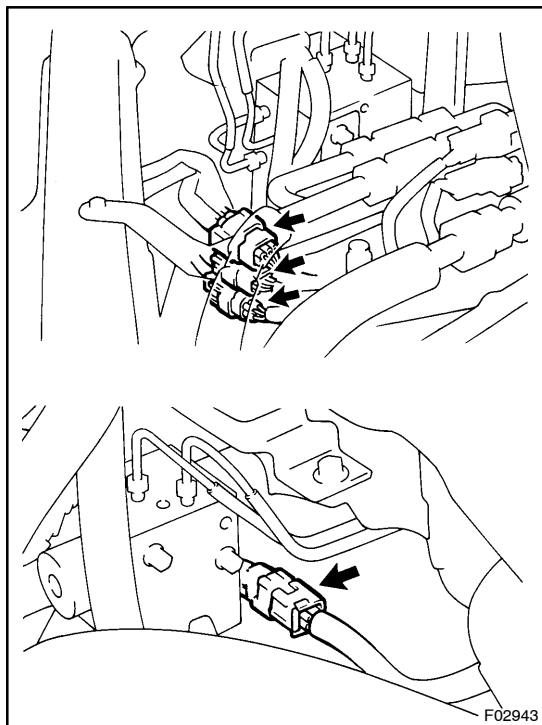
BR004-01

### HINT:

When the ABS actuator, generative brake actuator or hydraulic brake booster was removed or replaced, the actuator must be bled.

### NOTICE:

**Do not let brake fluid remain on painted surfaces. Wash it off immediately.**



1. **DISCONNECT 4 CONNECTORS FROM ABS ACTUATOR AND REGENERATIVE BRAKE ACTUATOR**
2. **CONNECT ACTUATOR CHECKER (SST) TO ACTUATORS**

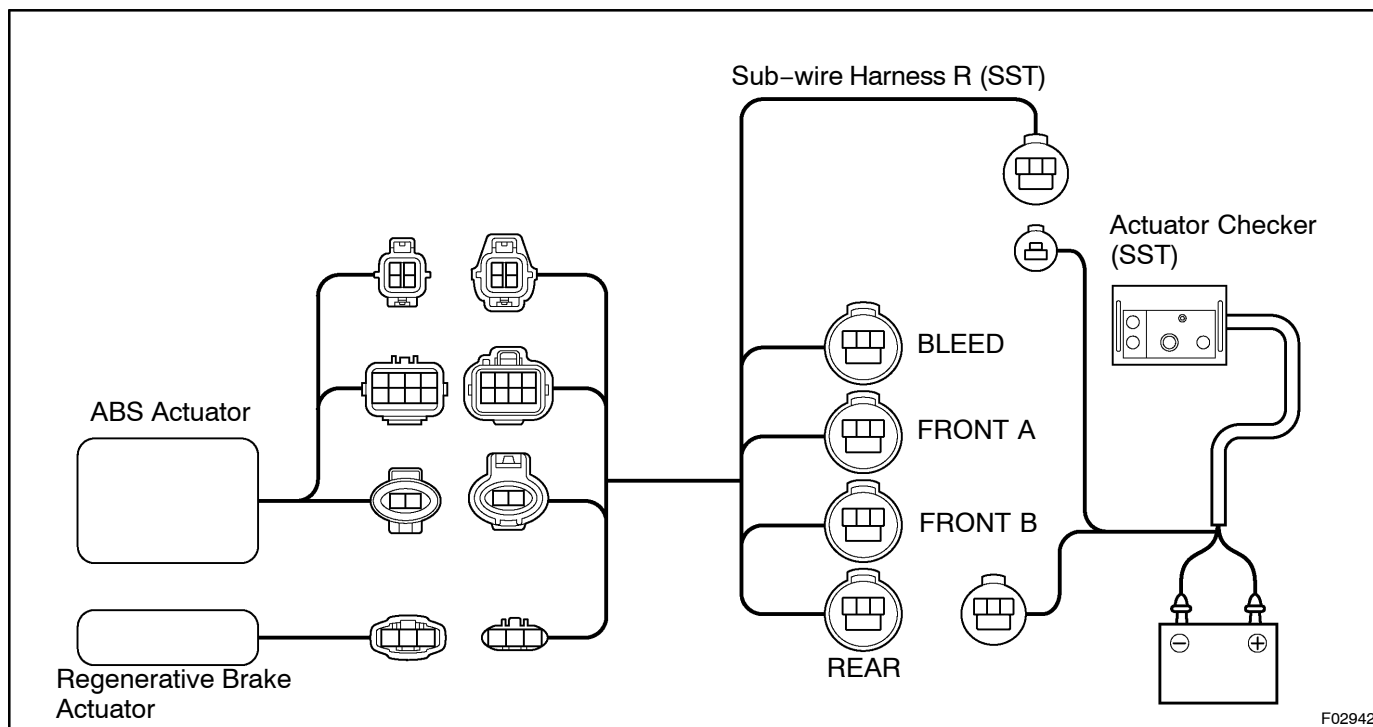
- (a) Connect the actuator checker (SST) to the ABS actuator and regenerative brake actuator through the sub-wire harness R (SST) as shown in the chart.

SST 09990-00150, 09990-00470

### HINT:

Connect the connector with the label of "BLEED" attached to the connector of actuator checker.

- (b) Connect the red cable of the checker to the battery positive (+) terminal and black cable to the negative (-) terminal. Connect the black cable of the sub-wire harness to the battery negative (-) terminal or body ground.



**3. BLEED POWER SUPPLY SYSTEM**

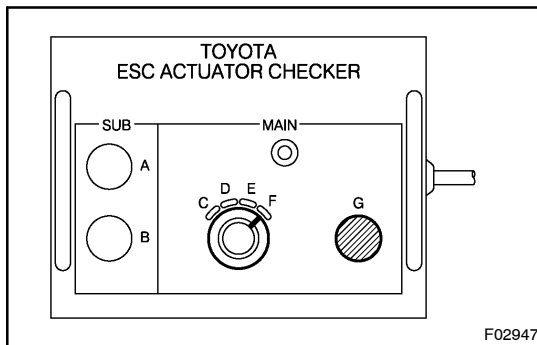
- (a) Turn the motor switch OFF, depress the brake pedal more than 40 times.
- (b) Turn the motor switch ON, check that the pump motor stops after 30 to 40 seconds.

**NOTICE:**

**When the pump motor does not stop, repeat step (a) and (b).**

**4. BLEED RIGHT REAR BRAKE LINE**

- (a) Connect the vinyl tube to the right rear brake wheel cylinder bleeder plug.
- (b) Turn the motor switch ON.
- (c) Bleed the right rear brake line by depressing the brake pedal.
- (d) Repeat this procedure until there are no more air bubbles in the fluid.

**5. BLEED LEFT REAR BRAKE LINE**

- (a) Connect the vinyl tube to the left rear brake wheel cylinder bleeder plug.
- (b) Turn the select switch to "F" position, push and hold the switch "G" of the checker.

**HINT:**

Although each indication on checker is different from the one shown in the illustration, follow the indication in this manual.

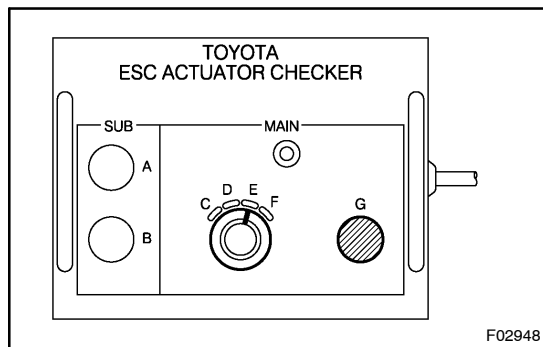
- (c) Depress and hold the brake pedal and bleed the left rear brake line until there are no more bubbles in the fluid.

**HINT:**

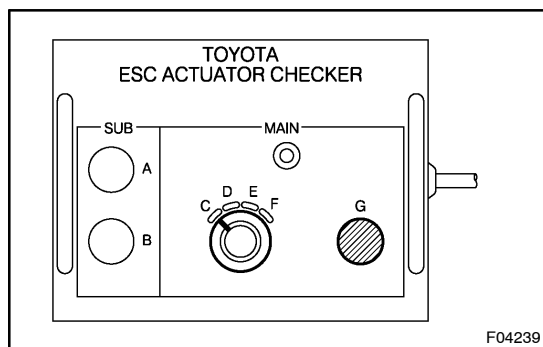
The bleeder plug should be loosened for 2 or 3 secs.

**6. BLEED FRONT BRAKE LINE**

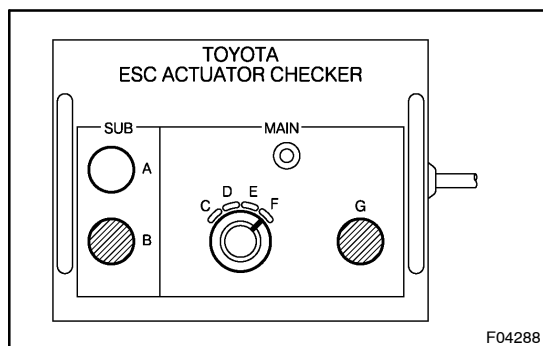
- (a) Connect the vinyl tube to the right front brake caliper bleeder plug.
- (b) Bleed the right front brake line by depressing the brake pedal.
- (c) Repeat this procedure until there are no more air bubbles in the fluid.



- (d) Connect the vinyl tube to the left front brake caliper bleeder plug.
- (e) Turn the select switch to "E" position, push and hold the switch "G" of the checker.
- (f) Bleed the left front brake line by depressing the brake pedal.
- (g) Repeat this procedure until there are no more air bubbles in the fluid.



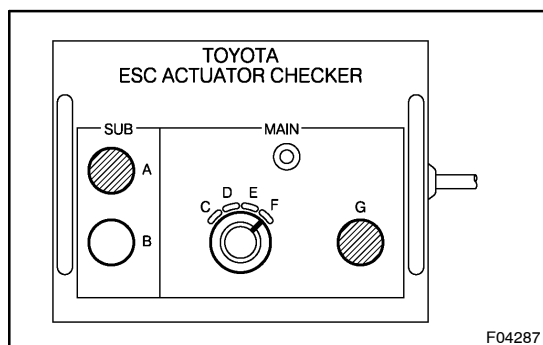
- (h) Turn the select switch to "C" position, push and hold the switch "G" of the checker.
- (i) Bleed the left front brake line by depressing the brake pedal.
- (j) Repeat this procedure until there are no more air bubbles in the fluid.



- (k) Turn the select switch to "F" position.
- (l) Depress and hold the brake pedal, and push and hold the switch "B" and "G", bleed the left front brake line.

## HINT:

- The bleeder plug should be loosened for 2 or 3 secs.
  - Do not keep the switches "B" and "G" pushed down for more than 10 secs. When operating it continuously, set the interval of more than 12 secs.
  - After releasing the switches "B" and "G", release the brake pedal.
- (m) Repeat this procedure until there are no more air bubbles in the fluid.



- (n) Connect the vinyl tube to the right front brake caliper bleeder plug.
- (o) Depress and hold the brake pedal, and push and hold the switches "A" and "G", bleed the right front brake line.

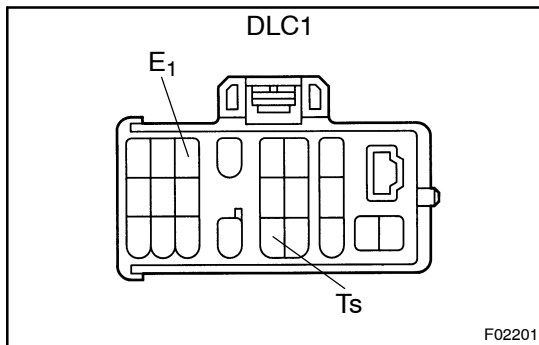
## HINT:

- The bleeder plug should be loosened for 2 or 3 secs.
- Do not keep the switches "A" and "G" pushed down for more than 10 secs. When operating it continuously, set the interval of more than 12 secs.

- After releasing the switches "A" and "G", release the brake pedal.
- (p) Repeat this procedure until there are no more air bubbles in the fluid.

## 7. BLEED FLUID DRAIN LINE

- (a) Turn the motor switch OFF.
- (b) Disconnect the actuator checker (SST) and sub-wire harness (SST) from the ABS and regenerative brake actuator.
- (c) Connect the 4 connectors to the ABS and regenerative brake actuator.
- (d) Shift the shift lever to the P position and pull the parking brake lever.
- (e) Turn the motor switch ON.



- (f) Using SST, connect terminals Ts and E<sub>1</sub> of the DLC1.  
SST 09843-18020
- (g) Depress the brake pedal 8 or more times within 5 secs.
- (h) Depress and hold the brake pedal when the brake buzzer sounds whistling at interval of 1 sec.
- (i) The interval changes to 0.5 secs. approx. 12 secs. after the pedal has been depressed. After the interval is changed, release the brake pedal.
- (j) After the buzzer stops sounding, remove the SST from the terminals Ts and E<sub>1</sub> of DLC1.

### HINT:

The buzzer stops sounding approx. 10 secs. after the interval has changed to 0.5 secs.

## 8. CLEAR DTC (See page DI-230)

## 9. FILL BRAKE RESERVOIR WITH BRAKE FLUID

- (a) With the ignition switch OFF, depress the brake pedal more than 40 times.
- (b) Remove the reservoir cap. Add brake fluid up to the "MAX" line.

**Fluid: SAEJ1703 or FMVSS No. 116 DOT 3**