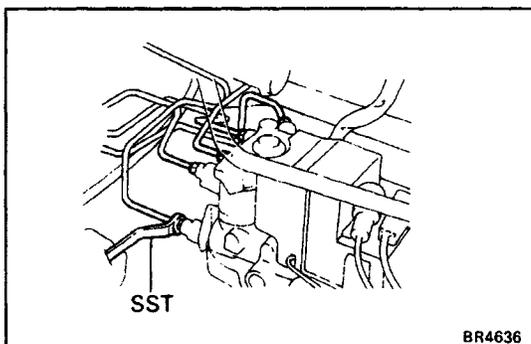
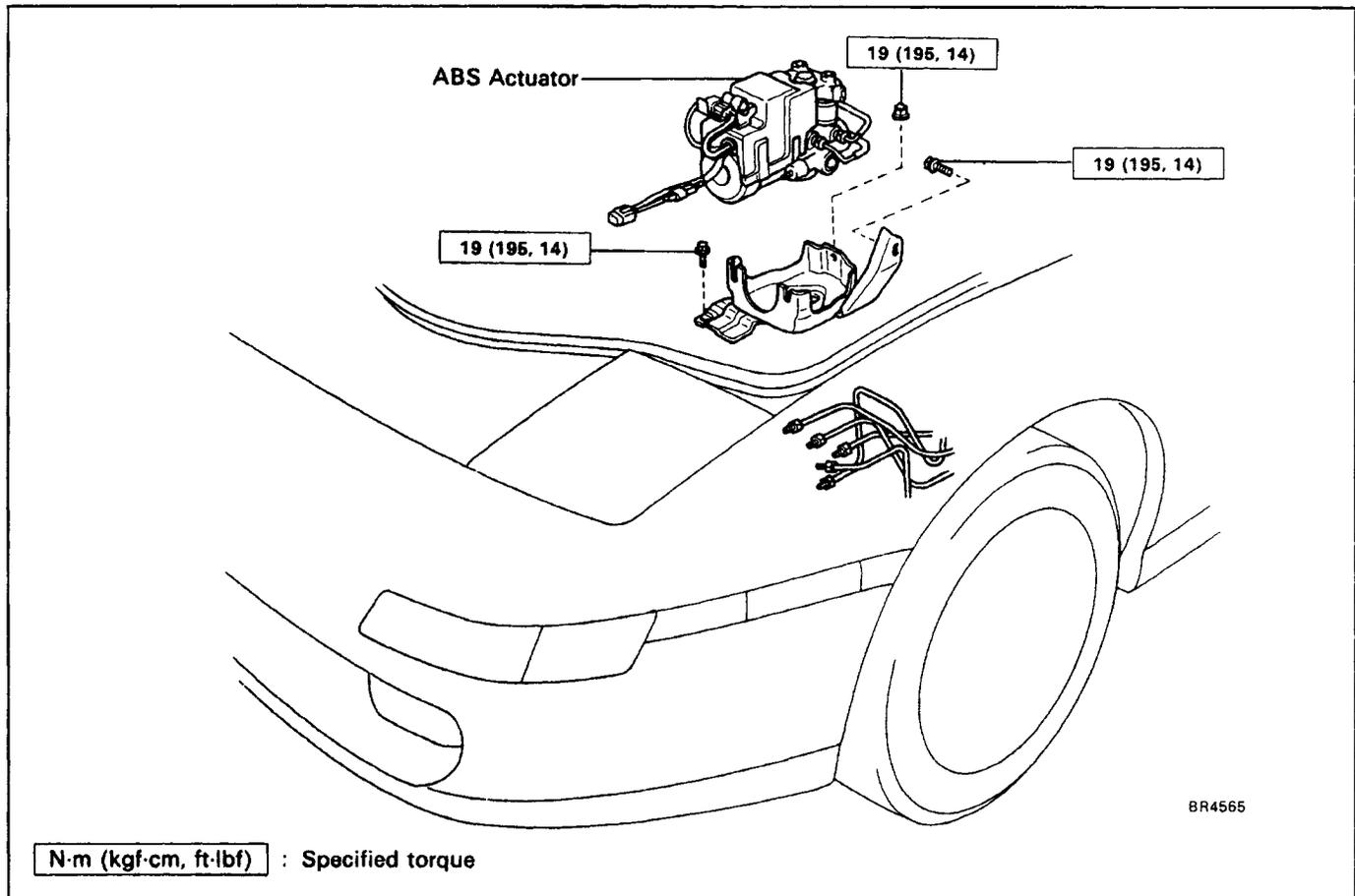


ABS ACTUATOR

ABS ACTUATOR REMOVAL AND INSTALLATION

BR07F-01

Remove and install the parts as shown.



1. DISCONNECT AND CONNECT BRAKE TUBE

Using SST, disconnect and connect the brake tubes from/to the ABS actuator.

SST 09751 - 36011

Torque: 15 N-m (155 kgf-cm, 11 ft-lbf)

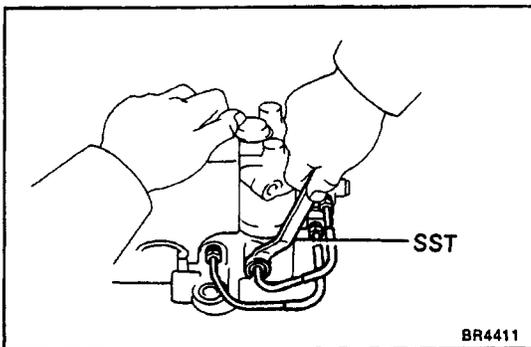
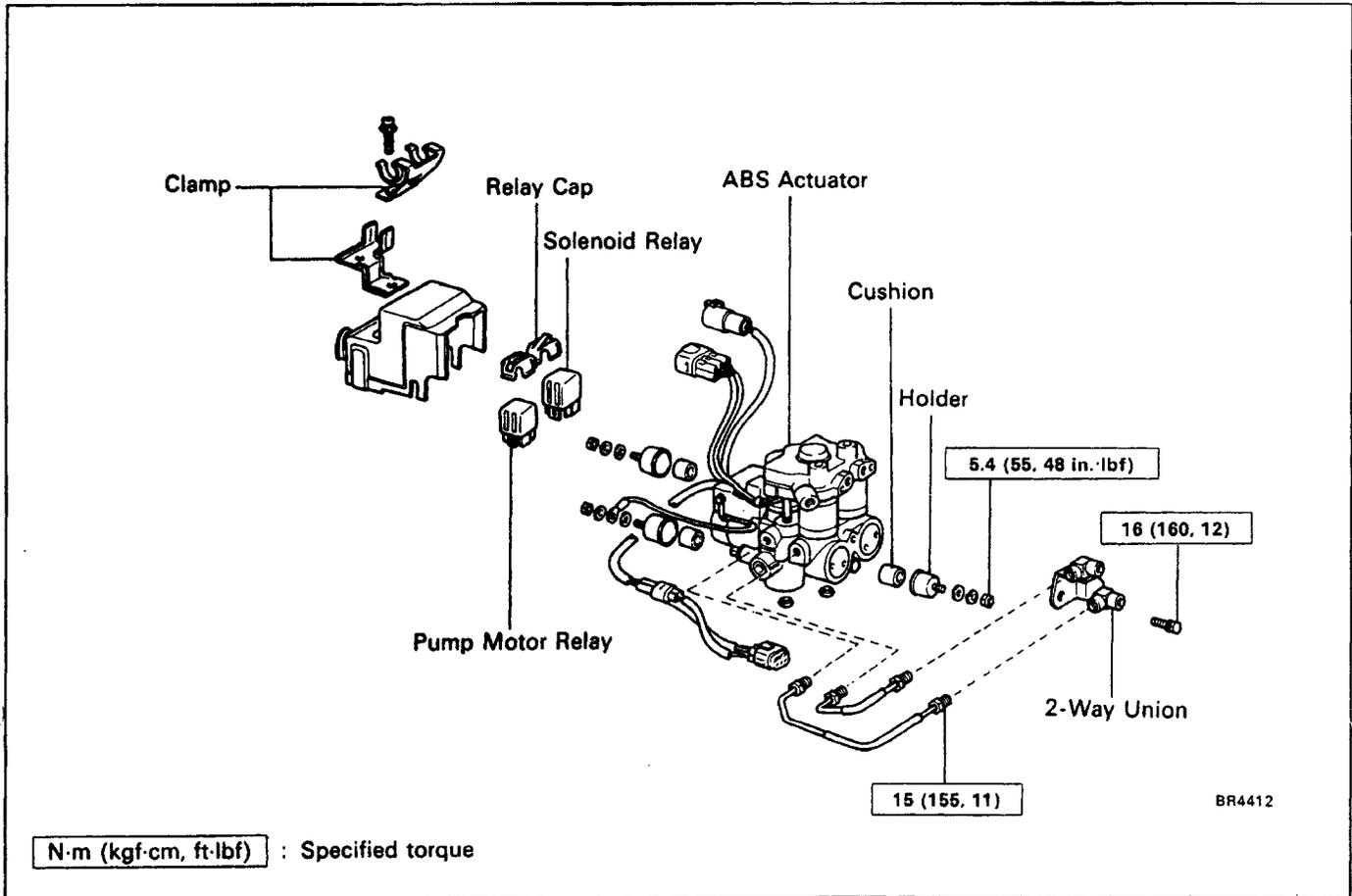
2. FILL BRAKE RESERVOIR WITH BRAKE FLUID AND BLEED BRAKE SYSTEM

(See page [BR-9](#))

ABS ACTUATOR DISASSEMBLY AND ASSEMBLY

BR07G-01

Remove and install the parts as shown.



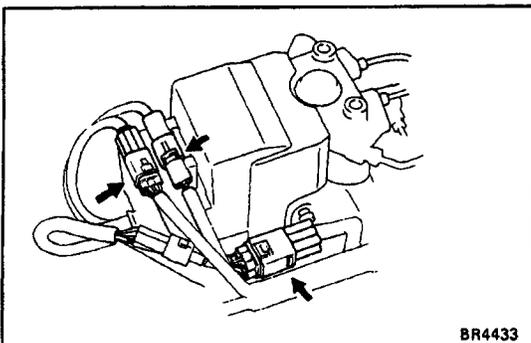
(MAIN POINT OF REMOVAL AND INSTALLATION)

1. DISCONNECT AND CONNECT BRAKE TUBE

Using SST, disconnect and connect the brake tubes from/to the ABS actuator.

SST 09751-3601 1

Torque: 15 N-m (155 kgf-cm, 11 ft-lbf)



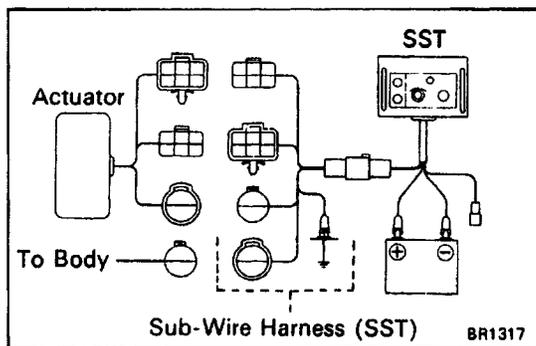
ABS ACTUATOR OPERATION INSPECTION

1. INSPECTION BATTERY VOLTAGE

Battery voltage: 10-14.5 V

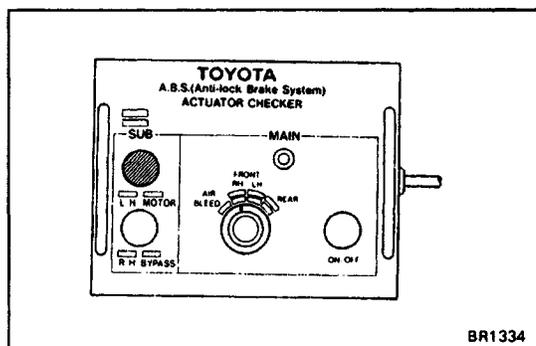
2. DISCONNECT CONNECTORS

Disconnect the three connectors from the actuator as shown.



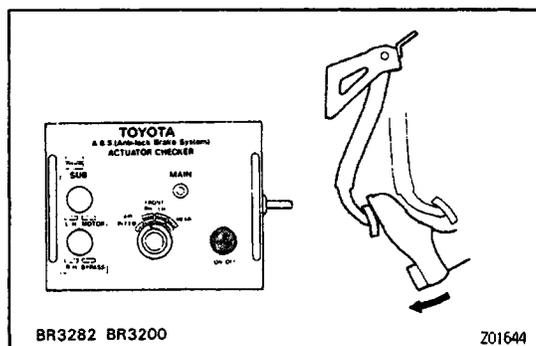
3. CONNECT ACTUATOR CHECKER (SST) TO ACTUATOR

- Connect the actuator checker (SST) to the actuator and body side wire harness through the sub-wire harness (SST) as shown.
SST 09990-00150
- Connect the red cable of the checker to the battery positive (+) terminal and black to the negative (-) terminal. Connect the black cable of the sub-wire harness to the battery negative (-) terminal or body-ground.



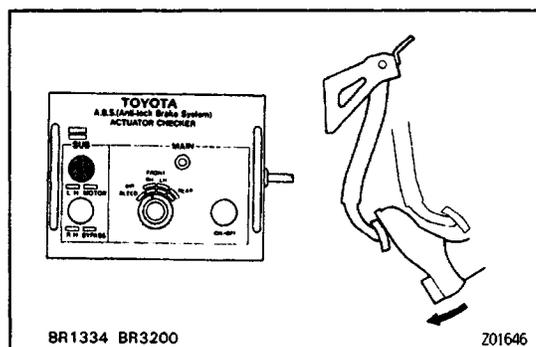
4. INSPECT BRAKE ACTUATOR OPERATION

- Start the engine, and run it at idle.
 - Turn the MAIN selector switch of the actuator checker to "FRONT RH" position.
 - Push and hold in the SUB MOTOR switch for a few seconds.
 - Depress the brake pedal and hold it until step (g) is completed.
 - Push the MAIN push switch and check that the brake pedal does not go down.
- NOTICE: Do not keep the MAIN push switch pushing more than 10 seconds.**
- Release the switch, and check that the pedal go down.



BR3282 BR3200

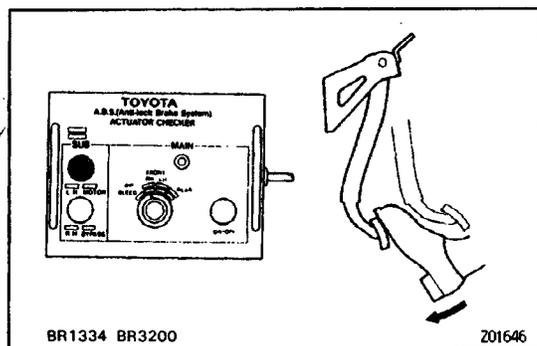
Z01644



BR1334 BR3200

Z01646

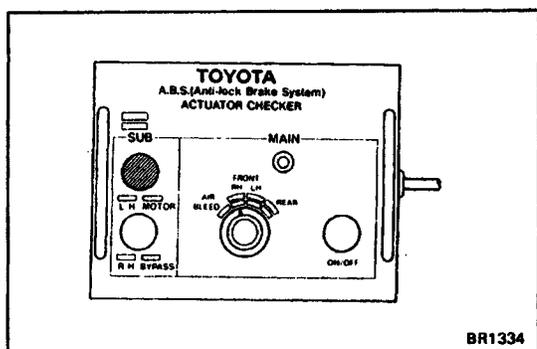
- Push and hold in the SUB MOTOR switch for a few seconds, and check that the pedal returns.
- Release the brake pedal.



- (i) Push and hold in the SUB MOTOR switch for a few seconds.
- (j) Depress the brake pedal and hold it for about 15 seconds. As you hold the pedal down, push the SUB MOTOR switch for a few seconds. Check that the brake pedal not pulsate.

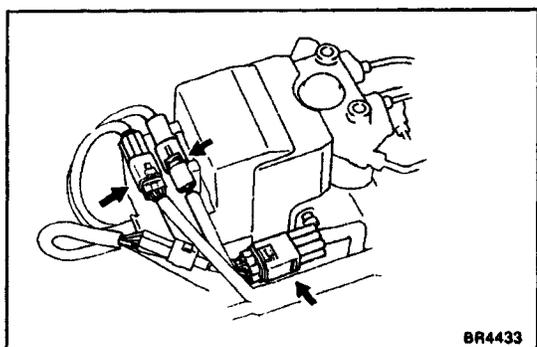
5. INSPECT FOR OTHER WHEELS

- (a) Turn the MAIN selector switch to "FRONT LH" position.
- (b) Repeating (c) to (j) of the step 4, check the actuator operation similarly.
- (c) Similarly, inspect "REAR" position.



6. PUSH SUB MOTOR SWITCH

Push and hold in the SUB MOTOR switch for a few seconds.



7. DISCONNECT ACTUATOR CHECKER (SST) FROM ACTUATOR

- (a) Disconnect the actuator (SST) and sub-wire harness (SST) from the actuator.
SST 09990-00150
- (b) Connect the actuator connectors.
- (c) Clear the diagnostic codes.
(See page [BR-55](#))