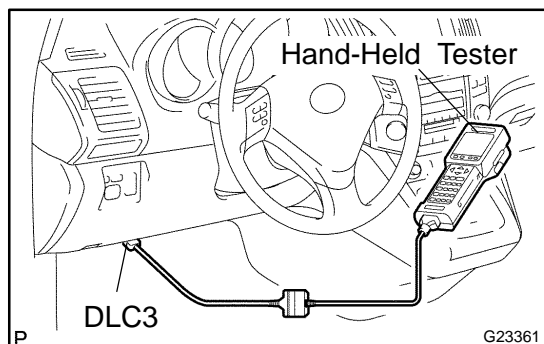


# BRAKE ACTUATOR ASSY

## ON-VEHICLE INSPECTION

320WL-05



### 1. CONNECT HAND-HELD TESTER:

- Connect the hand-held tester to the DLC3.
- Start the engine and run at idle.
- Select the ACTIVE TEST mode on the hand-held tester.

#### HINT:

Please refer to the hand-held tester operator's manual for further details.

### 2. INSPECT ACTUATOR MOTOR OPERATION

- With the motor relay on, check the actuator motor operation noise.
- Turn the motor relay off.
- Depress the brake pedal and hold it for about 15 seconds. Check that the brake pedal cannot be depressed.
- With the motor relay on, check that the pedal does not pulsate.

#### NOTICE:

**Do not keep a motor relay on for more than 5 seconds continuously. When operating it continuously, set an interval of more than 20 seconds.**

- Turn the motor relay off and release the brake pedal.

### 3. INSPECT RIGHT FRONT WHEEL OPERATION

#### NOTICE:

**Never turn on the solenoids in a manner different to those described below.**

- With the brake pedal depressed, perform the following operations.
- Turn the SFRH and SFRR solenoids on simultaneously, and check that the pedal cannot be depressed.

#### NOTICE:

**Do not keep a solenoid turned on for more than 10 seconds continuously. When operating it continuously, set an interval of more than 20 seconds.**

- Turn the SFRH and SFRR solenoids off simultaneously, and check that the pedal can be depressed.
- Turn the motor relay on, and check that the pedal returns.

#### NOTICE:

**Do not keep a motor relay turned on for more than 5 seconds continuously. When operating it continuously, set an interval of more than 20 seconds.**

- Turn the motor relay off and release the brake pedal.

### 4. INSPECT OTHER WHEEL OPERATION

- Using the same procedure, check the solenoids of the other wheels.

#### HINT:

Left front wheel: SFLH, SFLR

Right rear wheel: SRRH, SRRR

Left rear wheel: SRLH, SRLR