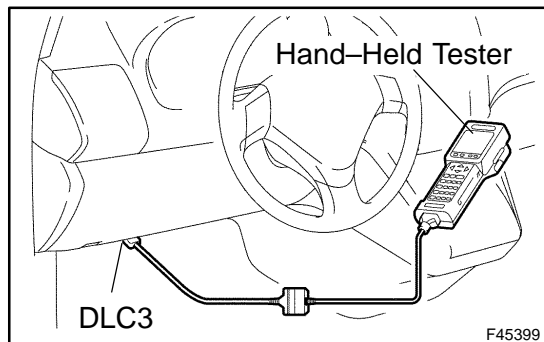


BRAKE ACTUATOR ASSY

ON-VEHICLE INSPECTION

320Y5-01



1. CONNECT HAND-HELD TESTER:

- (a) Connect the hand-held tester to the DLC3.
- (b) Start the engine and run at idle.
- (c) 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

- (a) With the motor relay on, check the actuator motor operation noise.
- (b) Turn the motor relay off.

3. INSPECT RIGHT FRONT WHEEL OPERATION

- (a) Depress the brake pedal and hold it for approximately 15 seconds. Check that the brake pedal cannot be depressed.
- (b) With the motor relay on, check that the pedal does not vibrate.

NOTICE:

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

- (c) Turn the motor relay off and release the brake pedal.

NOTICE:

Be sure to follow the procedures below when turning on a solenoid.

- (d) With the brake pedal depressed, perform the following operations.
- (e) Turn the SFRH and SFRR solenoid on simultaneously, and check that the pedal cannot be depressed.

NOTICE:

Do not keep the solenoids turned on for more than 5 seconds. When operating them continuously, set an interval of more than 20 seconds.

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

NOTICE:

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

- (h) Turn the motor relay off and release the brake pedal.

4. INSPECT OTHER WHEEL OPERATION

- (a) Using the same procedures, check the solenoids of the other wheels.

NOTICE:

Never depress the brake pedal under the condition that the reduction solenoid (SR) alone is turned on.**

HINT:

Left front wheel: SFLH, SFLR

Right rear wheel: SRRH, SRRR

Left rear wheel: SRLH, SRLR