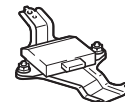
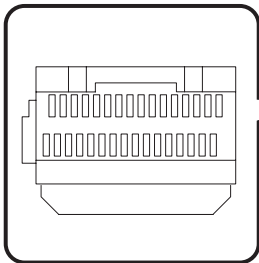
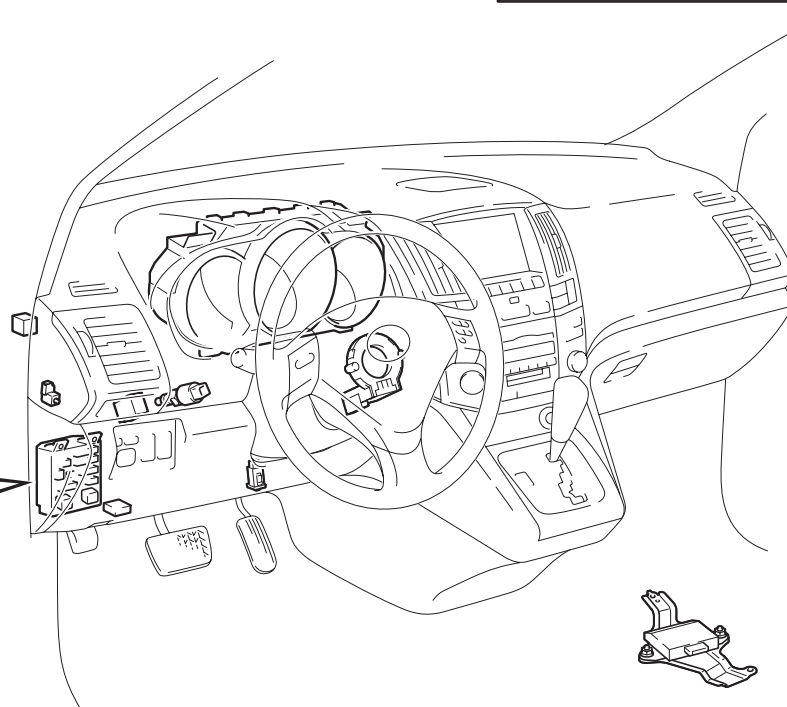
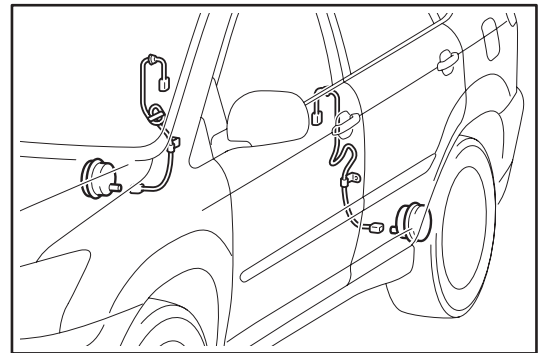
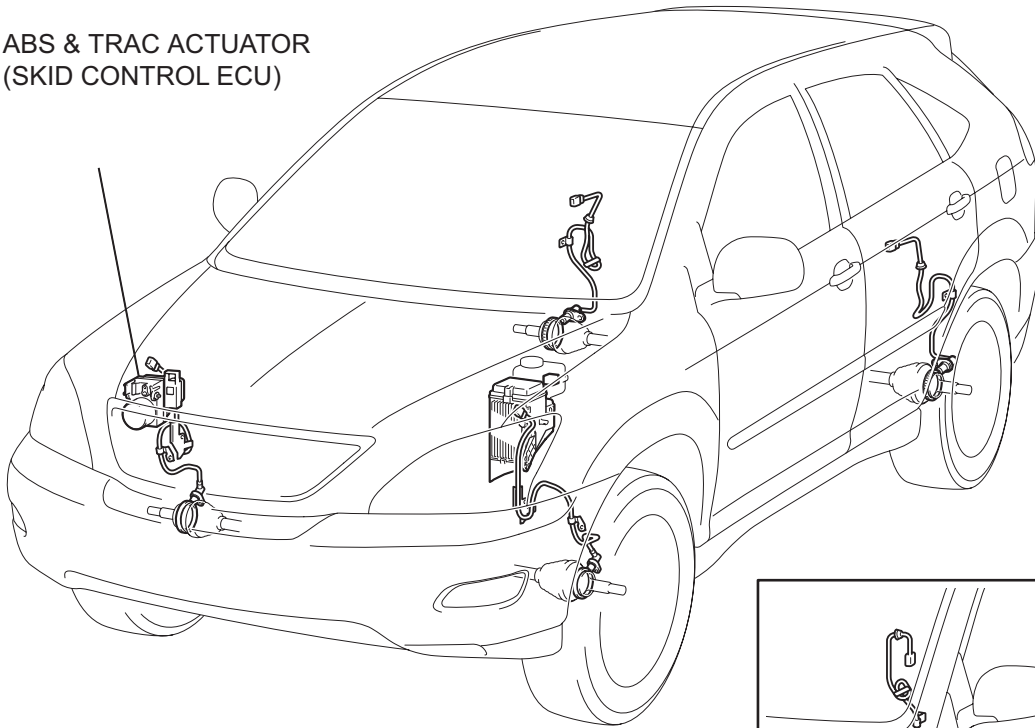
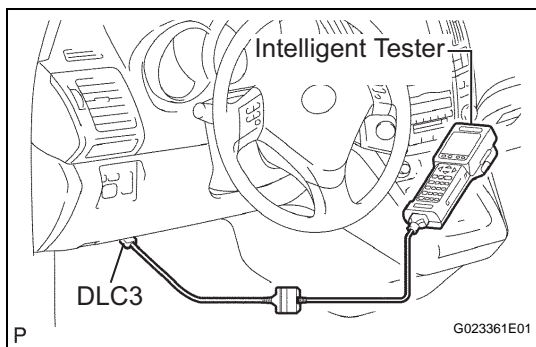


BRAKE ACTUATOR

COMPONENTS

ABS & TRAC ACTUATOR
(SKID CONTROL ECU)





ON-VEHICLE INSPECTION

1. CONNECT INTELLIGENT TESTER

- (a) Connect the intelligent tester to the DLC3.
- (b) Start the engine and run at idle.
- (c) Select the ACTIVE TEST mode on the intelligent tester.

HINT:

Please refer to the intelligent 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.
- (c) Depress the brake pedal and hold it for approximately 15 seconds. Check that the brake pedal cannot be depressed.
- (d) With the motor relay on, check that the pedal does not pulsate.

NOTICE:

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

- (e) 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.

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

NOTICE:

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

- (c) Turn the SFRH and SFRR solenoids off simultaneously, and check that the pedal can be depressed.
- (d) 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 continuously. When operating it continuously, set an interval of more than 20 seconds.

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

4. INSPECT OTHER WHEEL OPERATION

- (a) 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