

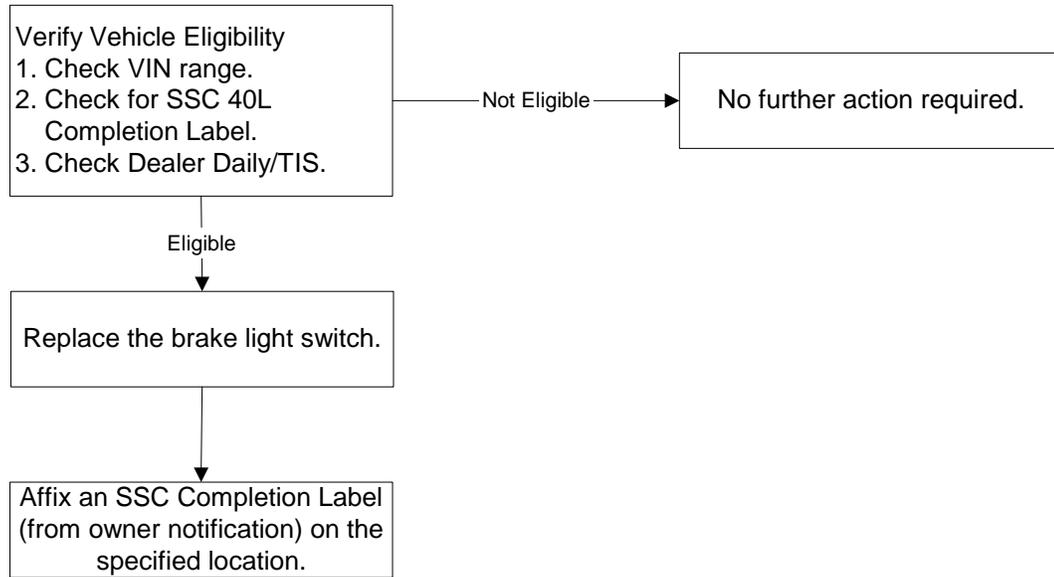
TECHNICAL INSTRUCTIONS

FOR

SPECIAL SERVICE CAMPAIGN 40L

2004 PRIUS
BRAKE LIGHT SWITCH
REPLACEMENT

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VIN RANGE

MODEL	YEAR	VIN Range	
		VDS	Range
Prius	2004	KB20U	40001009 – 40086109
		KB22U	40001140 – 40086097

NOTE:

Not all vehicles in the VIN range are affected. Always consult Dealer Daily or TIS to confirm VIN eligibility and to assure the SSC is applicable. This will verify the vehicle is involved and has not already been completed by another dealer. TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected.

III. PREPARATION

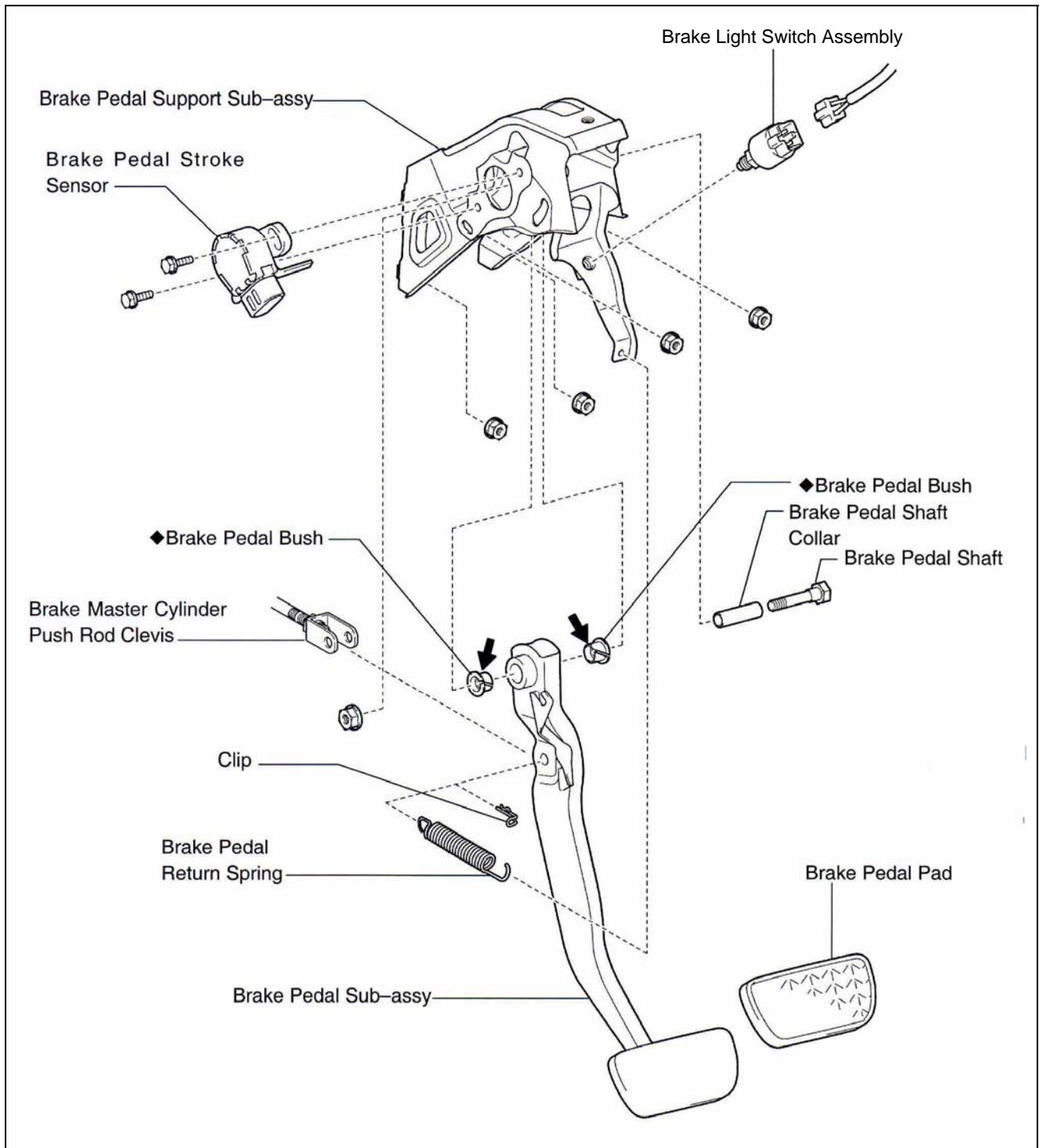
A. PARTS

Part No.	Part Name	Qty./Veh
04004-47468	SWITCH ASSY, BRAKE LIGHT	1

B. TOOLS

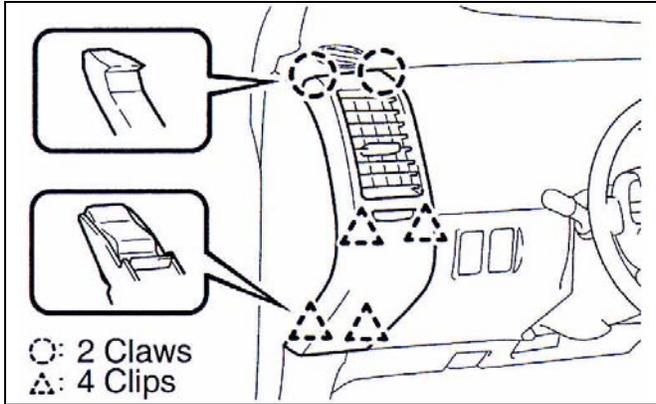
- Standard hand tools
- Torque wrench
- Nylon pry tool

IV. COMPONENTS



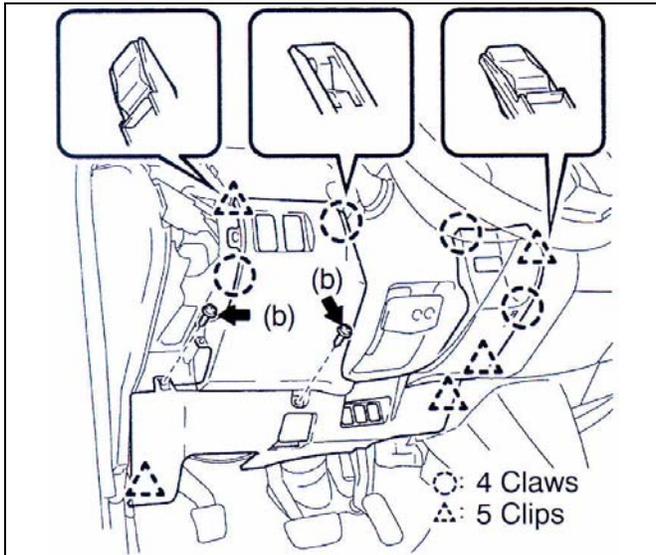
V. WORK PROCEDURE

A. SWITCH REPLACEMENT



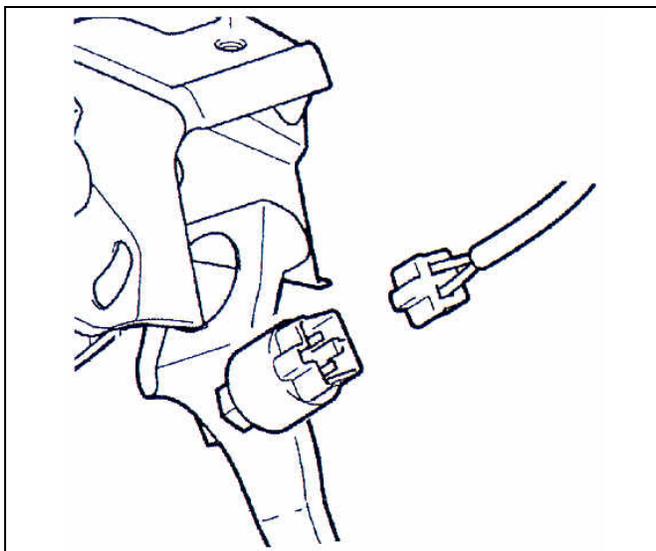
1. REMOVE THE INSTRUMENT REGISTER ASSEMBLY NO. 1

- Confirm that the ignition switch is in the "OFF" position.
- Disengage the 2 claws and the 4 clips.
- Remove the instrument register assembly No. 1.



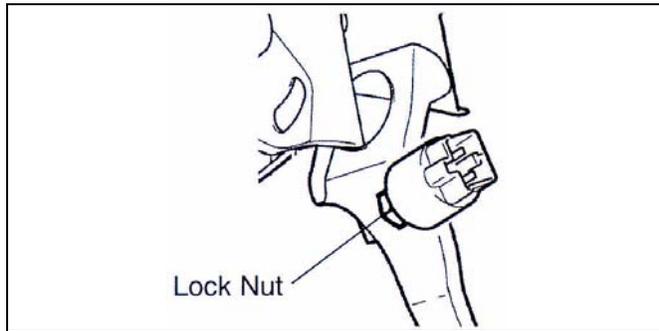
2. REMOVE THE INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY LOWER

- Remove the 2 screws.
- Disconnect the hood lock control cable.
- Using a nylon pry tool, detach the 4 claws and the 5 clips.
- Disconnect all the connectors then remove the panel.

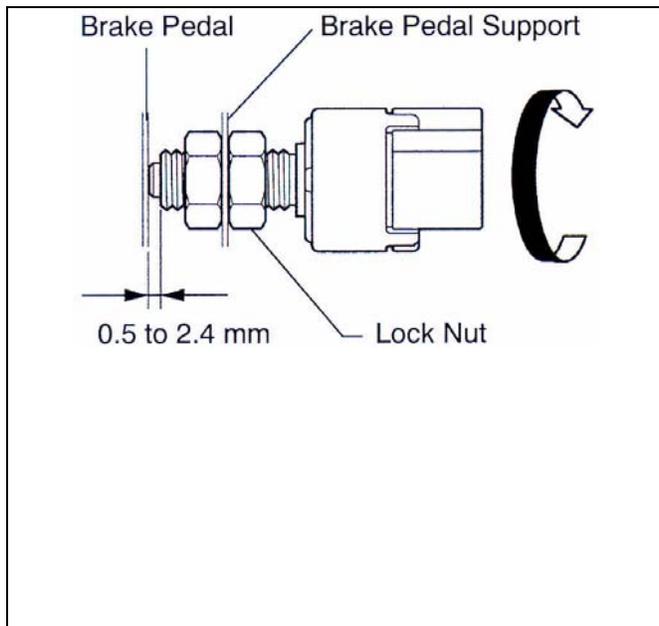


3. REMOVE THE BRAKE LIGHT SWITCH

- Disconnect the connector from the brake light switch.



- (b) Loosen the lock nut.
- (c) Remove the light switch from the brake pedal support.

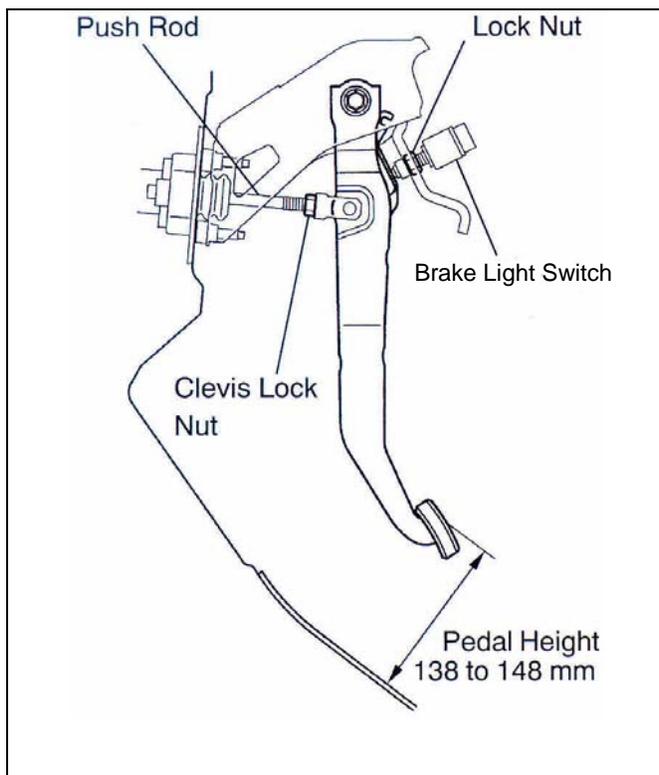


4. INSTALL THE NEW BRAKE LIGHT SWITCH

- (a) Install the new light switch into the brake pedal support.
 1. Rotate the light switch so that the clearance between the thread portion tip and the area where the pedal makes contact is between 0.5 and 2.4 mm (0.020 in. and 0.095 in.).
 2. Tighten the lock nut.

Torque:
26 N·m (265 kgf·cm, 19 ft·lbf)

- (b) Reconnect the connector to the light switch.



5. CHECK AND ADJUST THE BRAKE PEDAL HEIGHT

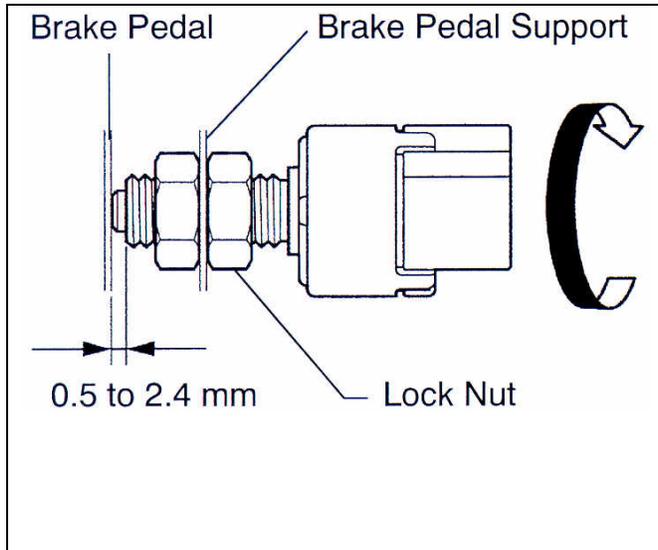
NOTE:
Pull up the floor carpet and dash panel insulator, and then check and adjust the brake pedal height.

- (a) Check the brake pedal height.
Pedal height from the surface of the asphalt sheet:
138 mm to 148 mm (5.48 in. to 5.88 in.)
 - If the height is between 138 mm and 148 mm, proceed to Step 6, reinstall the instrument panel finish panel sub-assembly lower.
 - If the height is not between 138 mm and 148 mm, proceed to Step b, adjust the brake pedal height.

- (b) Adjust the brake pedal height.
 1. Disconnect the connector from the light switch.
 2. Loosen the light switch lock nut.
 3. Rotate the light switch to allow the pedal some free play.
 4. Loosen the clevis lock nut.
 5. Rotate the push rod and adjust the pedal height.

Torque:

26 N·m (265 kgf·cm, 19 ft·lbf)



- (c) Reinstall the new light switch into the brake pedal support.
 1. Rotate the light switch so that the clearance between the thread portion tip and the area where the pedal makes contact is between 0.5 and 2.4 mm (0.020 in. and 0.095 in.).
 2. Tighten the lock nut.

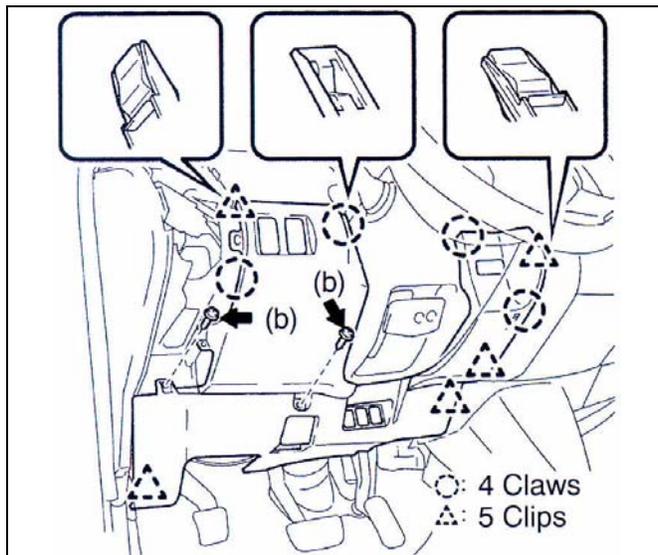
Torque:

26 N·m (265 kgf·cm, 19 ft·lbf)

3. Reconnect the connector to the light switch.

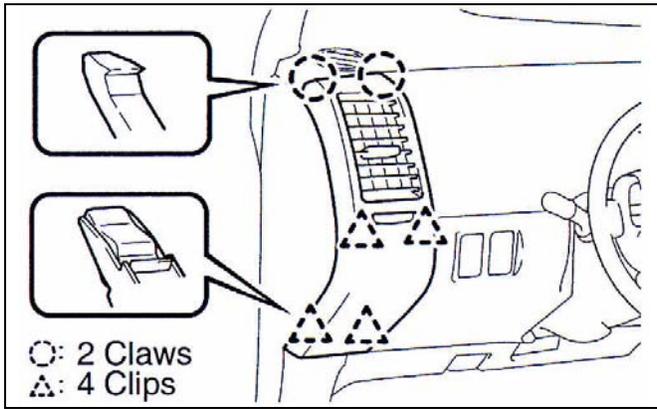
6. CONFIRM BRAKE PEDAL OPERATION

- (a) Confirm that the brake light turns on when the brake pedal is depressed and turns off when released.



7. REINSTALL THE INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY LOWER

- (a) Reconnect all the connectors
- (b) Reconnect the hood lock control cable.
- (c) Reinstall the instrument panel.
- (d) Reinstall the 2 screws.



8. REINSTALL THE INSTRUMENT REGISTER ASSEMBLY NO. 1

- (a) Reinstall the instrument register assembly No. 1.

VI. SSC COMPLETION LABEL INSTALLATION

After completing repair and before returning the vehicle to the owner, a SSC completion label, which is enclosed in the owner's notification letter must be affixed to the left front door hinge post, near the check strap.

- (a) The label is to be filled out as follows:

- Write in SSC 40L.
- Write in date of repair.
- Write in your dealer code.

SSC	Date
DEALER CODE NO.	
00410-01917	

- (b) Additional SSC completion labels, in sheets of 50 (P/N 00410-01917), may be ordered through the non-parts system on a 1450 order form or through the TDN system.