


Last Modified: 3-22-2019	6.8:8.0.48	Doc ID: RM000002WF105JX
Model Year Start: 2013	Model: Prius C	Prod Date Range: [12/2012 -]
Title: BRAKE SYSTEM (OTHER): BRAKE BOOSTER: REMOVAL; 2013 MY Prius C [12/2012 -]		

REMOVAL

1. PRECAUTION

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) auxiliary battery terminal notice before proceeding with work .

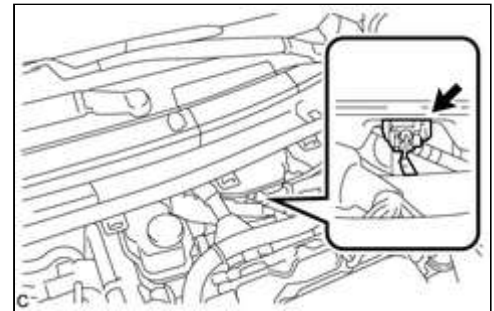
2. DISABLE BRAKE CONTROL


(a) Wait at least 2 minutes after turning the ignition switch off.

NOTICE:

When the brake pedal is depressed or the door courtesy switch is turned on even if the ignition switch is off, the brake control system activates. Therefore do not depress the brake pedal or open/close the doors until the reservoir level switch connector is disconnected.

(b) Disconnect the reservoir level switch connector with the parking brake applied.



(c) Disconnect the cable from the negative (-) auxiliary battery terminal .

(d) Depress the brake pedal 40 times or more to return all the fluid in the accumulator back to the reservoir.

(e) Check that the brake pedal can not be further depressed.

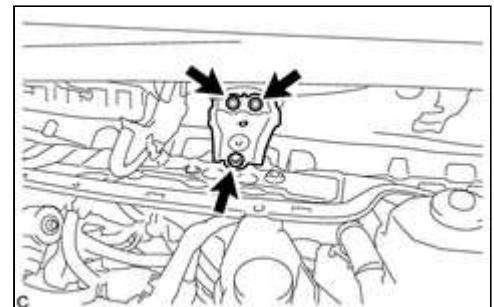
(f) Release the parking brake.

3. REMOVE WINDSHIELD WIPER MOTOR AND LINK ASSEMBLY



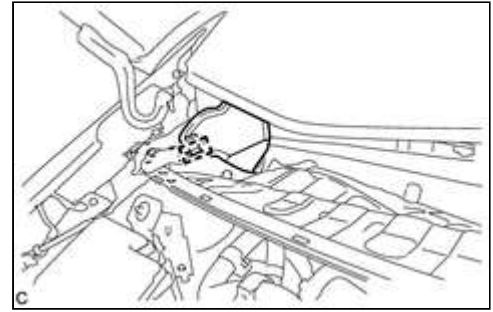
4. REMOVE INNER COWL TOP TO COWL BRACE

(a) Remove the 3 bolts and inner cowl top to cowl brace.



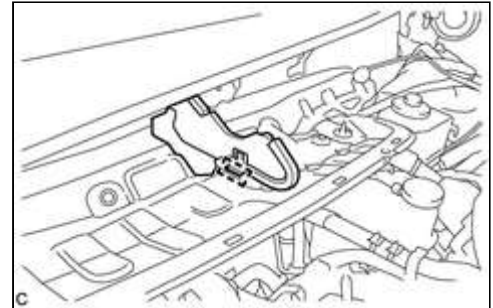
5. REMOVE FRONT AIR SHUTTER SEAL

- (a) Disengage the clamp to remove the front air shutter seal.



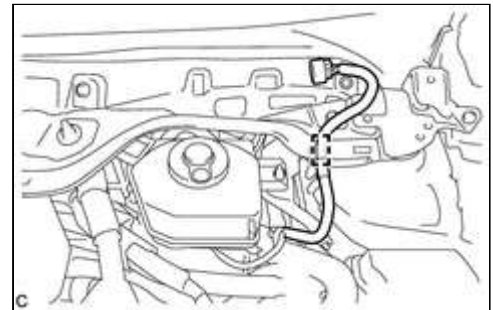
6. REMOVE FRONT NO. 1 VENTILATOR SEAL

- (a) Disengage the clamp to remove the front No. 1 ventilator seal.

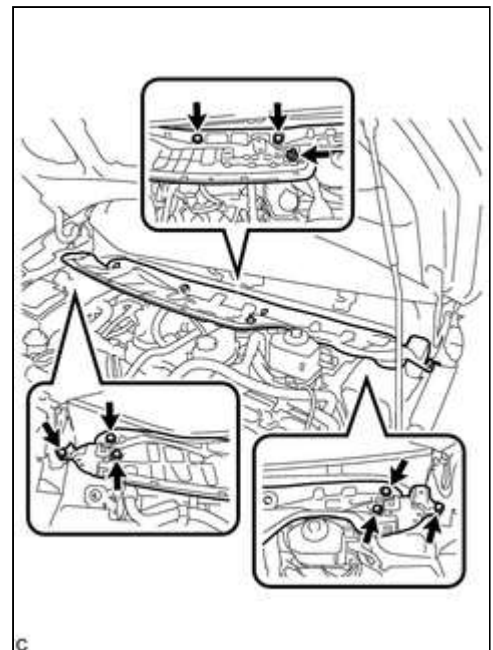


7. REMOVE OUTER COWL TOP PANEL SUB-ASSEMBLY

- (a) Disengage the clamp to separate the wire harness from the outer cowl top panel sub-assembly.



- (b) Remove the 8 bolts, nut and outer cowl top panel sub-assembly.



8. DRAIN BRAKE FLUID

NOTICE:

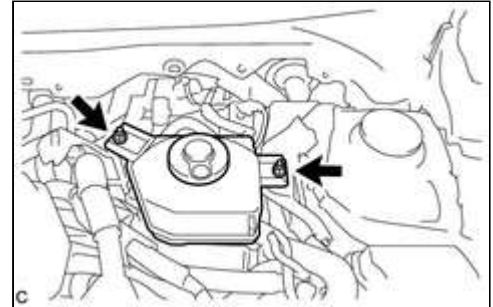
If brake fluid leaks onto any painted surface, immediately clean it off.

9. REMOVE BRAKE PEDAL RETURN SPRING INFO

10. REMOVE PUSH ROD PIN INFO

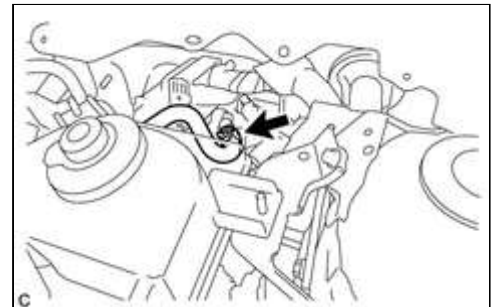
11. SEPARATE BRAKE MASTER CYLINDER RESERVOIR ASSEMBLY

- (a) Remove the 2 nuts and separate the brake master cylinder reservoir assembly from the reservoir bracket.



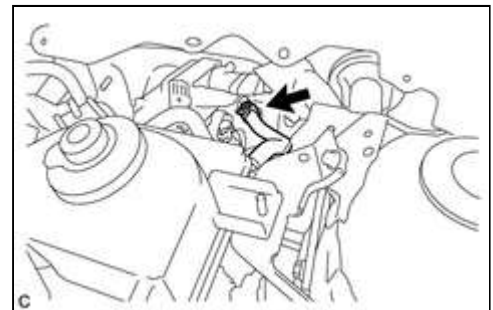
12. DISCONNECT NO. 2 RESERVOIR HOSE

- (a) Move the clip and disconnect the No. 2 reservoir hose from the brake booster with master cylinder assembly.



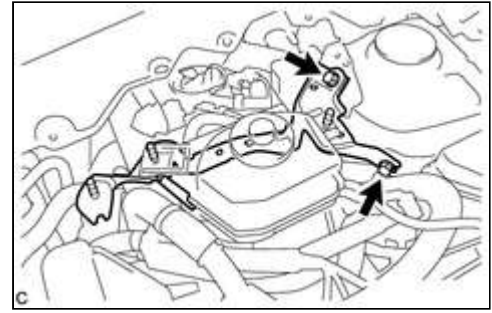
13. DISCONNECT NO. 1 RESERVOIR HOSE

- (a) Move the clip and disconnect the No. 1 reservoir hose from the brake booster with master cylinder assembly.



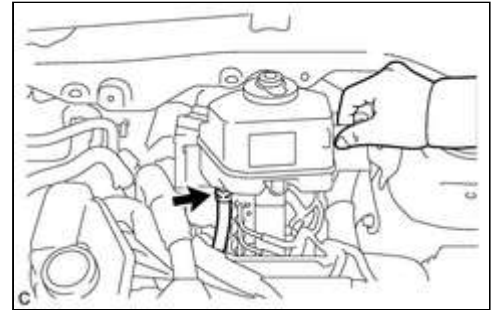
14. REMOVE RESERVOIR BRACKET

- (a) Remove the 2 bolts and reservoir bracket.



15. DISCONNECT BRAKE ACTUATOR HOSE

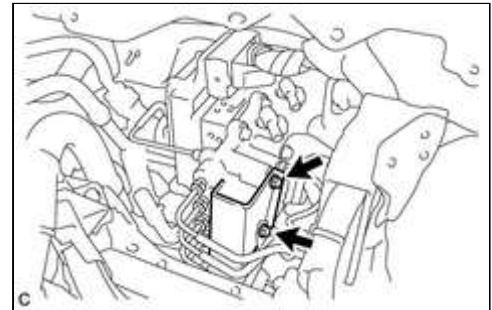
(a) Move the clip and disconnect the brake actuator hose from the brake master cylinder reservoir assembly.



16. REMOVE BRAKE MASTER CYLINDER RESERVOIR ASSEMBLY

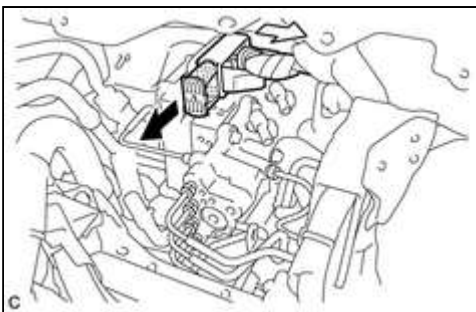
17. REMOVE TUBE CLAMP BRACKET

(a) Remove the 2 bolts and tube clamp bracket from the brake booster with master cylinder assembly and front No. 1 brake tube.



18. REMOVE BRAKE BOOSTER WITH MASTER CYLINDER ASSEMBLY

(a) Release the lock lever and disconnect the connector.



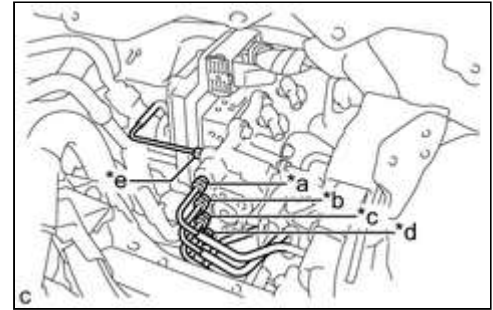
Text in Illustration

➔	Release the lock lever
	Disconnect the connector

**NOTICE:**

Be careful not to allow the brake fluid to enter the removed connector.

- (b) Using a union nut wrench, disconnect the 5 brake lines from the brake booster with master cylinder assembly.



- (c) Use tags or make a memo to identify the places to reconnect the lines.

Text in Illustration

*a	to Front Wheel Cylinder LH
*b	to Rear Wheel Cylinder RH
*c	to Brake Booster Pump Assembly
*d	to Rear Wheel Cylinder LH
*e	to Front Wheel Cylinder RH

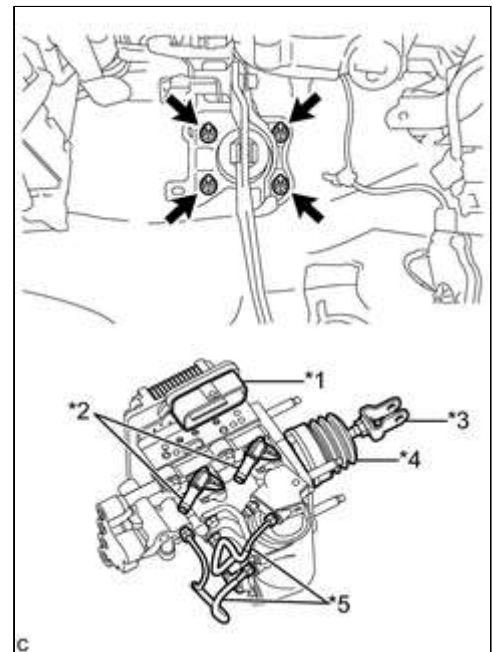
- (d) Remove the 4 nuts and brake booster with master cylinder assembly.

Text in Illustration

*1	Connector Portion
*2	Union
*3	Push Rod Clevis
*4	Boot
*5	Front No. 2 Brake Tube

NOTICE:

- Do not kink or damage the brake lines.
- Do not carry the brake booster with master cylinder assembly by the portion shown in bold in the illustration.
- Be careful not to allow any brake fluid to enter the connector.

**19. REMOVE BRAKE BOOSTER GASKET**