

FUEL FILTER ASSY (HILUX/1KD-FTV, 2KD-FTV (TSAM MADE FOR SOUTH AFRICA))

REPLACEMENT

HINT:

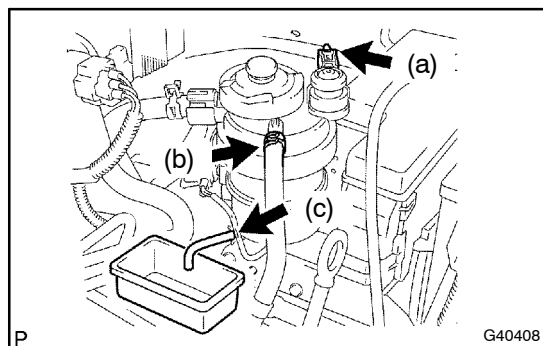
When replacing the filter, use TOYOTA genuine parts or equivalent parts.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. LOOSEN FUEL TANK CAP ASSY

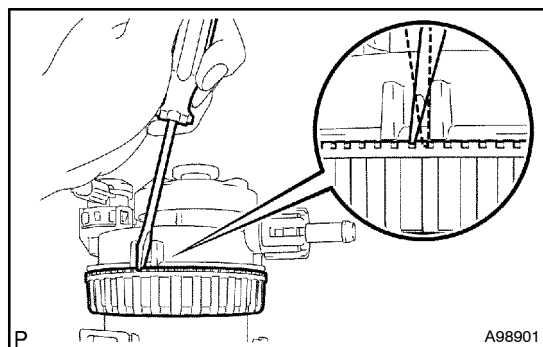


3. REMOVE FUEL FILTER ELEMENT

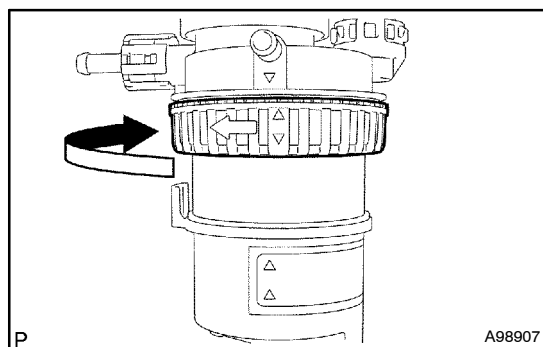
HINT:

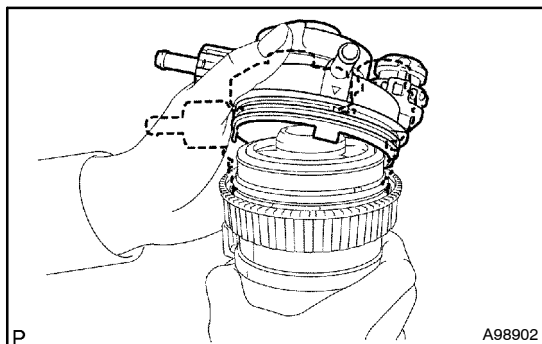
Replacement of the fuel filter element can be performed with the fuel filter assy installed to the bracket.

- (a) Disconnect the warning switch connector.
- (b) Move the clip to disconnect the hose connected to the filter outlet side.
- (c) Connect a hose to the drain cock. Place the other side of the same hose into a container.
- (d) Loosen the drain cock to drain fuel (approximately 50 cc (3.0 cu in.)).
- (e) Tighten the drain cock.
- (f) Using a screwdriver as a lever, loosen the fastener nut until it can be loosened by hand.

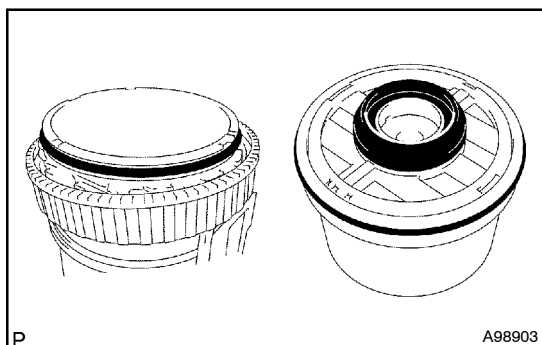


- (g) Fully loosen the fastener nut by hand.

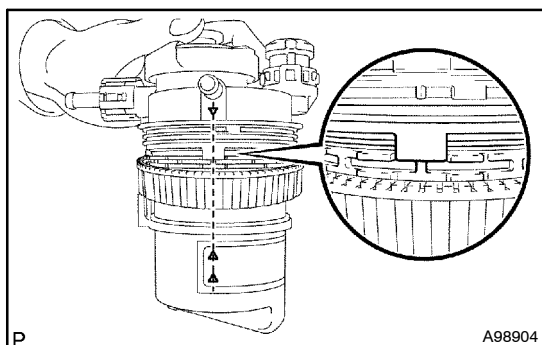




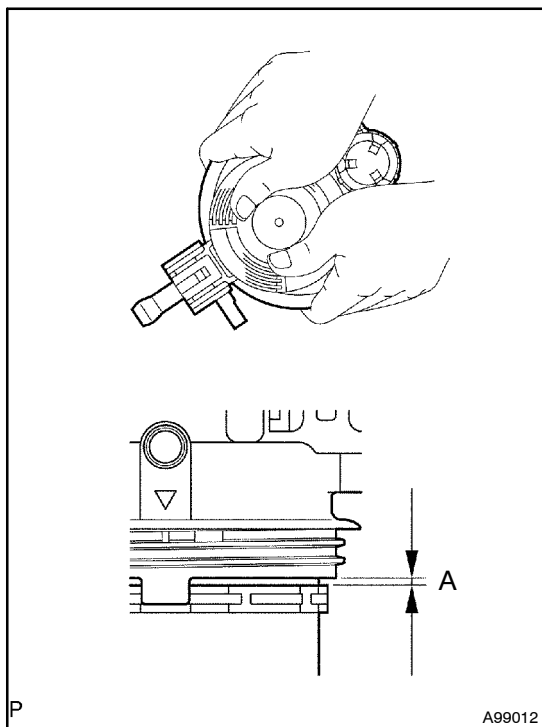
- (h) To remove the cap, pull up one side of the cap and then lift it off.
- (i) Remove the filter element from the case.



- (j) Remove the case side O-ring.
- 4. INSTALL FUEL FILTER ELEMENT**
- (a) Install 2 new O-rings to a new element, and a new O-ring to the case.



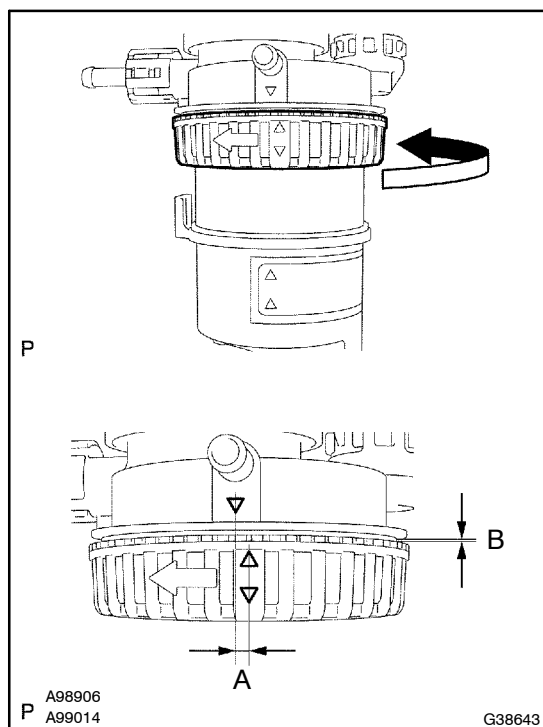
- (b) Install the new element to the case.
- (c) Align the cap's mark and case's mark.



- (d) Push the cap into the case by hand.
- Clearance (A): 1.5 mm (0.059 in.) or less**

HINT:

The clearance between the cap and case should be even around the entire circumference of the cap and case.



(e) Turn the fastener nut until a "click" sound is heard.

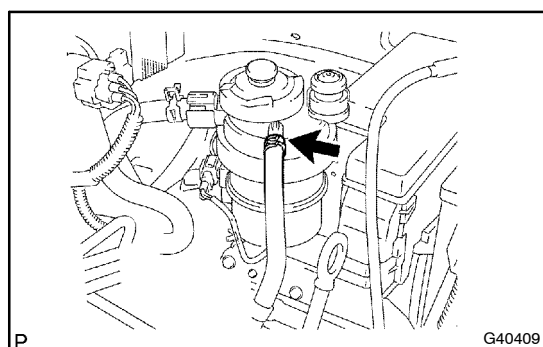
HINT:

Just before the marks of the case and nut align, the turning difficulty of the fastener nut will increase. Use a screwdriver as a lever to turn the fastener nut.

(f) Measure the distance between the marks on the cap and case, and the clearance between the cap and case.

Distance (A): 1 mm (0.039 in.) or more

Clearance (B): 1 mm (0.039 in.) or less



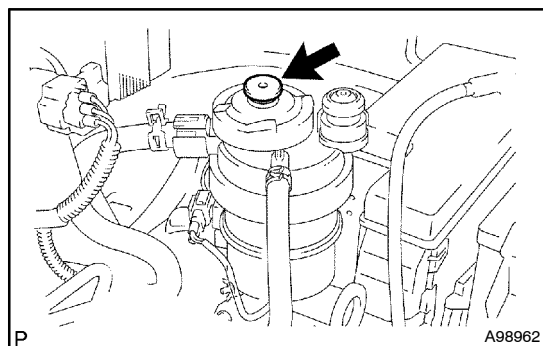
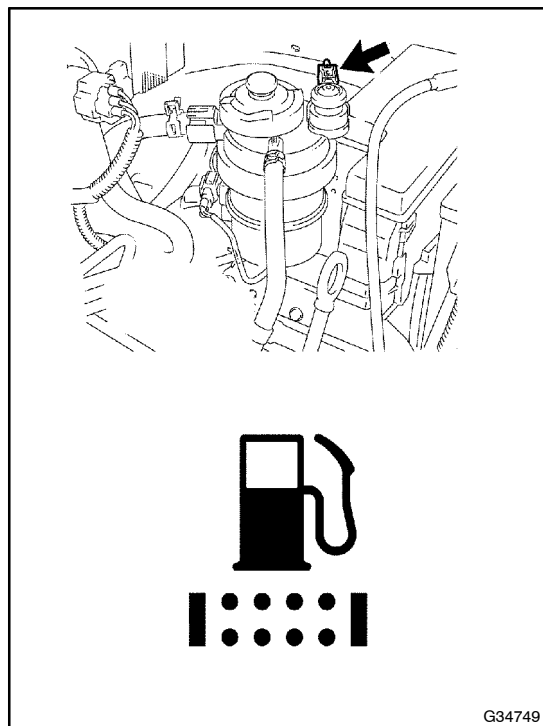
(g) Connect the hose to the filter outlet side and install the clip as shown in the illustration.

5. TIGHTEN FUEL TANK CAP ASSY

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

7. RESET FUEL FILTER AND SEDIMENTER WARNING LAMP

- (a) Turn the ignition switch ON.
- (b) After turning the ignition switch ON, connect the warning switch connector within 3 to 60 seconds.
- (c) Check that the combination meter's filter warning lamp turns off.

**8. BLEED AIR FROM FUEL SYSTEM**

- (a) Using the hand pump, bleed air from the fuel system until pumping becomes difficult.

9. CHECK FOR FUEL LEAKS

- (a) Start the engine. Check that leaking sounds, sucking sounds or other unusual sounds cannot be heard.