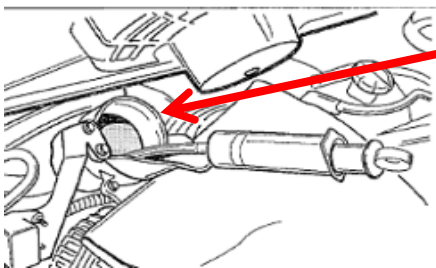


**Step 8:** Clean oil housing thoroughly and replace the two O-rings. Coat O-ring with small amount of oil  
**Step 9:** Suck out any oil that was left in the aluminum filter housing on the engine.



- Suck out old oil

**Step 10:** Wait for oil to drain from crankcase and oil tank. 30 mins to a 1/2 day.

- I loosely put oil filter back on to keep foreign objects / dust out.
- Drain for 30 mins or leave overnight. Some people are particular.

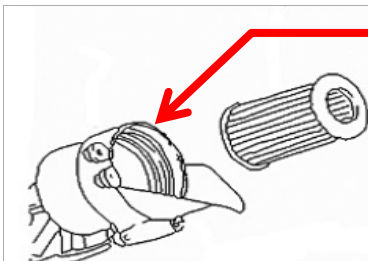
**Step 11:** Put in crankcase and oil plugs with new washers and tighten.

	Size	Torque	Washer type
<b>Crankcase</b>	15mm	52 ft-lbs	Aluminum
<b>*Oil Tank</b>	19mm	44 ft-lbs	Copper

\* Hold 27mm nut while tightening 19mm

**Step 12:** Put in 1 quart of new oil into oil filter housing.

- I put in to help with prevent dry starting



- Put in oil before filter

**Step 13:** Tighten oil filter housing to 25 N-m

**Step 14:** Fill engine with 8 quarts

- 1 quart Oil housing + 8 quarts engine = 9 quarts total
- Calls for 9.5 quarts

**Step 15:** Bump the throttle a couple times to help circulate the oil before firing

**Step 16:** Start engine and check oil level using electronic guage

- Add if necessary