OIL FILTER SUB–ASSY (1NZ–FXE)

170J8–01

REPLACEMENT

CAUTION:

- **Prolonged and repeated contact with engine oil will cause removal of natural oils from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer.**
- **Precautions should be taken when replacing engine oil to minimize the risk of your skin making contact with used engine oil. Wear protective clothing and gloves. Wash your skin thoroughly with soap and water, or use a water–less hand cleaner to remove any used engine oil. Do not use gasoline, thinners or solvents.**
- **For environmental protection, used oil and used oil filter must be disposed of at designated disposal sites.**

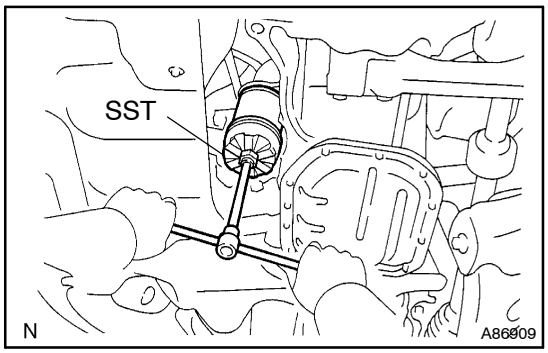
1. DRAIN ENGINE OIL

(a) Remove the oil filler cap.

(b) Remove the oil drain plug, then drain the oil into a container.

(c) Clean and install the oil drain plug with a new gasket.

Torque: 38 N·m (387 kgf·cm, 28 ft·lbf)



2. REMOVE OIL FILTER SUB–ASSY

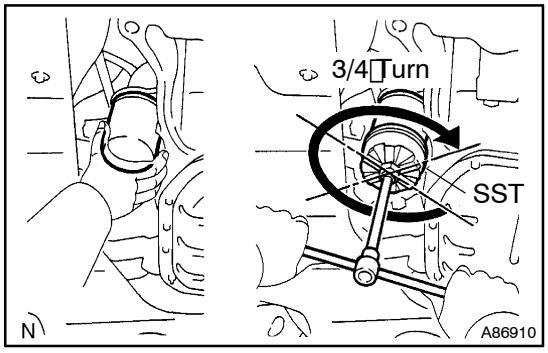
(a) Using SST, remove the oil filter.

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3. INSTALL OIL FILTER SUB–ASSY

(a) Check and clean the oil filter installation surface.

(b) Apply clean engine oil to the gasket of a new oil filter.



(c) Lightly screw the oil filter into place, and tighten it until the gasket contacts the seat.

(d) Using SST, retighten it by a 3/4 turn.

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Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)

4. ADD ENGINE OIL

(a) Fill with fresh engine oil.

Capacity:

Drain and refill with oil filter replacement 3.7 liters (3.9 US qts, 3.3 Imp. qts)

Drain and refill without oil filter replacement 3.4 liters (3.6 US qts, 3.0 Imp. qts)

Dry fill 4.1 liters (4.3 US qts, 3.6 Imp. qts)

(b) Install the oil filler cap.

5. INSPECT ENGINE OIL (See page 17–1)