OIL FILTER SUB–ASSY (3RZ–FE)

170C3–01

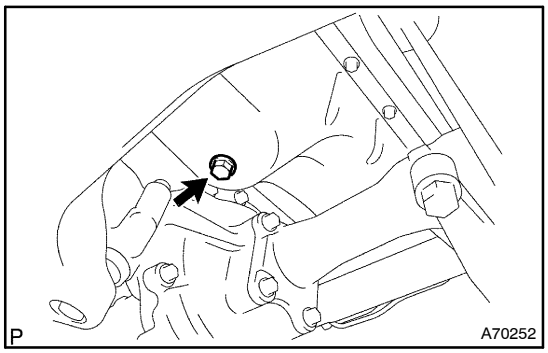
REPLACEMENT

CAUTION:

- **Prolonged and repeated contact with mineral oil will result in the removal of natural fats from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer.**
- **Exercise caution in order to minimize the length and frequency of contact of your skin to used oil. Wear protective clothing and gloves. Wash your skin thoroughly with soap and water, or use water–less hand cleaner to remove any used engine oil. Do not use gasoline, thinners, or solvents.**
- **In order to preserve the environment, used oil and used oil filter must be disposed of only at designated disposal sites.**

1. REMOVE ENGINE UNDER COVER ASSY REAR

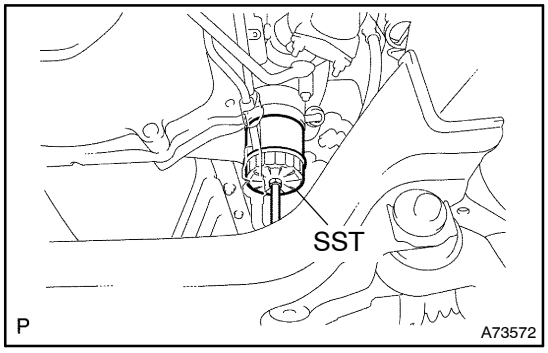
(a) Remove the 4 bolts and engine under cover.



2. DRAIN ENGINE OIL

(a) Remove the oil filter cap.

(b) Remove the oil pan drain plug and gasket, and drain the engine oil into a container.



3. REMOVE OIL FILTER SUB–ASSY

(a) Using SST, remove the oil filter.
SST 09228–07501

HINT:

Loosen the oil filter slightly, remove the oil filter slowly with the quantity of oil flow in proper condition.

4. 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, tighten it an additional 3/4 turn.
SST 09228–07501

5. ADD ENGINE OIL

(a) Clean and install the oil pan drain plug with a new gasket.
Torque: 37 N·m (375 kgf·cm, 27 ft·lbf)

(b) Fill with fresh engine oil.
Capacity:

Drain and refill	w/ Oil filter change	5.1 liters (5.4 US gts, 4.5 Imp. gts)
	w/o Oil filter change	4.4 liters (4.6 US gts, 3.9 Imp. gts)
Dry fill		5.1 liters (6.4 US gts, 4.5 Imp. gts)

(c) Install the oil filter cap.

6. CHECK FOR ENGINE OIL LEAKS

7. INSTALL ENGINE UNDER COVER ASSY REAR

(a) Install the engine under cover with the bolts.
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)