

Last Modified: 6-18-2010	6.4 A	From: 200508
Model Year: 2006	Model: IS350	Doc ID: RM000000T4Z005X
Title: 2GR-FSE LUBRICATION: OIL FILTER: REPLACEMENT (2006 IS350)		

REPLACEMENT

CAUTION:

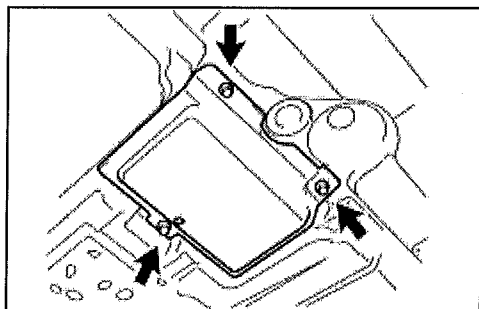
- Prolonged and repeated contact with engine oil will result in the removal of natural oils from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer.
- Precautions should be taken when replacing engine oil to minimize the risk of your skin making contact with used engine oil. Protective clothing and gloves that cannot be penetrated by oil should be worn. The skin should be washed with soap and water, or use waterless hand cleaner, to remove any used engine oil thoroughly. Do not use gasoline, thinners, or solvents.
- In order to preserve the environment, used oil and used oil filters must be disposed of at designated disposal sites.

1. DRAIN ENGINE OIL

- Remove the drain plug.
- Install a new gasket and the drain plug.

Torque: 40 N·m (408 kgf·cm, 30ft·lbf)

2. REMOVE OIL FILTER ELEMENT SERVICE HOLE COVER



- Remove the 3 screws and the service hole cover.

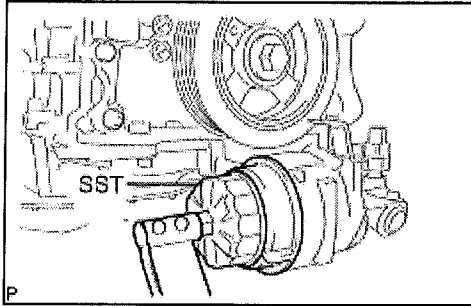
3. REMOVE OIL FILTER ELEMENT

- Using SST, remove the oil filter cap.

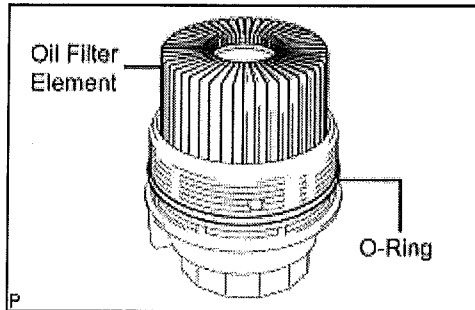
SST: 09228-06501

HINT:

Use a container to catch the draining oil. After the oil filter cap is loosened approximately 4 turns and the cap ribs are



vertical, engine oil drains from the gap between the oil filter cap and oil pan.

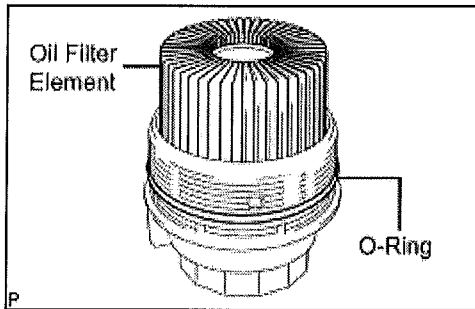


(b) Remove the oil filter element and O-ring from the oil filter cap.

NOTICE:

Be sure to remove the O-ring (for the cap) by hand, without using any tools, to prevent damage to the groove for the O-ring on the cap.

4. INSTALL OIL FILTER ELEMENT



(a) Clean the inside of the oil filter cap, the threads and O-ring groove.

(b) Apply a small amount of engine oil to a new O-ring and install it to the oil filter cap.

(c) Set a new oil filter element to the oil filter cap.

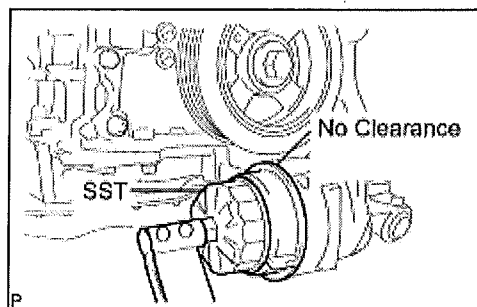
(d) Remove any dirt or foreign matter from the installation surface of the engine.

(e) Apply a small amount of engine oil to the O-ring again and install the oil filter cap.

(f) Using SST, tighten the oil filter cap.

SST: 09228-06501

Torque: 25 N·m (255 kgf·cm, 18ft·lbf)



NOTICE:

- Make sure that the oil filter is installed securely as shown in the illustration.
- Be careful that the O-ring does not get caught between the parts.

5. ADD ENGINE OIL

(a) Add new oil.

Specification:

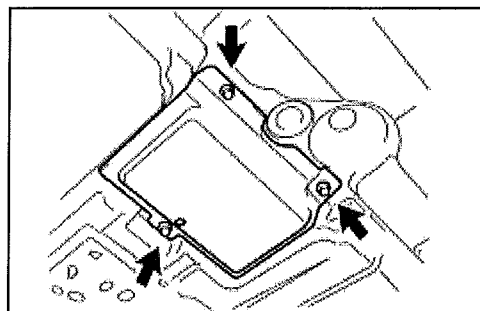
ITEM	CAPACITY
Drain and refill with oil filter change	6.3 liters (6.7 US qts, 5.5 Imp. qts)
Drain and refill without oil filter change	5.9 liters (6.2 US qts, 5.2 Imp. qts)
Dry fill	7.2 liters (7.6 US qts, 6.3 Imp. qts)

(b) Install the oil filter cap.

6. CHECK FOR ENGINE OIL LEAKS 

7. CHECK ENGINE OIL LEVEL 

8. INSTALL OIL FILTER ELEMENT SERVICE HOLE COVER



(a) Install the service hole cover with the 3 screws.

