TIMING CHAIN COVER OIL SEAL (1GR–FE)

14165–02

REPLACEMENT

1. **REMOVE V–BANK COVER (See page 10–7)**
2. **REMOVE RADIATOR SUPPORT SEAL UPPER**

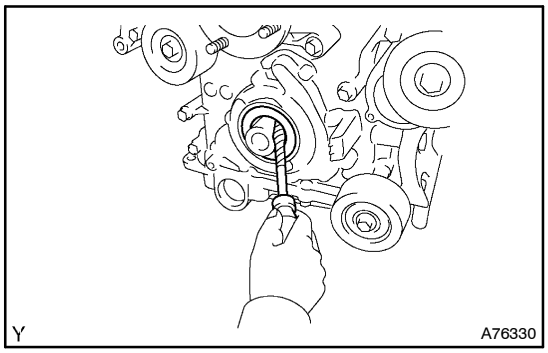
(a) Remove the 11 clips and radiator support seal upper.

3. **REMOVE ENGINE UNDER COVER SUB–ASSY NO.1**

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

4. **LOOSEN FAN W/ FLUID COUPLING (See page 16–6)**
5. **REMOVE FAN AND GENERATOR V BELT (See page 14–5)**
6. **REMOVE FAN W/ FLUID COUPLING (See page 16–6)**
7. **REMOVE CRANKSHAFT PULLEY (See page 14–44)**

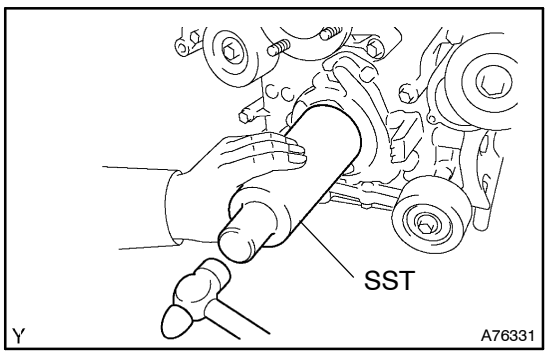
SST 09213–54015 (91651–60855), 09330–00021, 09950–50013 (09951–05010, 09952–05010, 09953–05020, 09954–05030)



8. **REMOVE TIMING CHAIN COVER OIL SEAL**

(a) Using a screwdriver, pry out the oil seal.

NOTICE:
Be careful not to damage the crankshaft. Wrap a tip of the screwdriver with tape.



9. **INSTALL TIMING CHAIN COVER OIL SEAL**

(a) Apply MP grease to a new oil seal lip.

(b) Using SST and a hammer, tap in the oil seal until its surface is flush with the timing chain cover edge.

SST 09226–10010

10. **INSTALL CRANKSHAFT PULLEY (See page 14–44)**

SST 09213–54015 (91651–60855), 09330–00021

11. **INSTALL FAN W/ FLUID COUPLING (See page 16–6)**
12. **INSTALL FAN AND GENERATOR V BELT (See page 14–5)**
13. **FULLY TIGHTEN FAN W/ FLUID COUPLING (See page 16–6)**
14. **INSTALL RADIATOR SUPPORT SEAL UPPER**
15. **CHECK FOR ENGINE OIL LEAKS**
16. **INSTALL ENGINE UNDER COVER SUB–ASSY NO.1**

(a) Install the engine under cover with the 4 bolts.

Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)

17. **INSTALL V–BANK COVER**

(a) Install the V–bank cover with the 2 nuts.

Torque: 7.5 N·m (76 kgf·cm, 66 in.·lbf)