

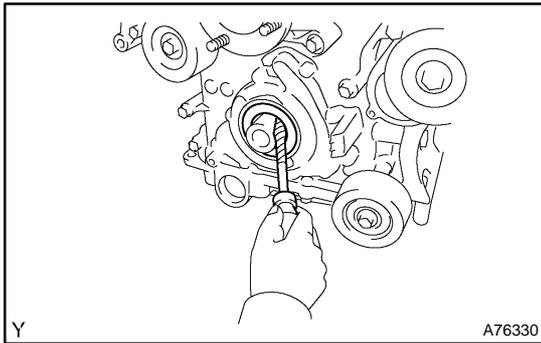
# TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL (1GR-FE)

1414V-01

## 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 14-1 19)
 

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

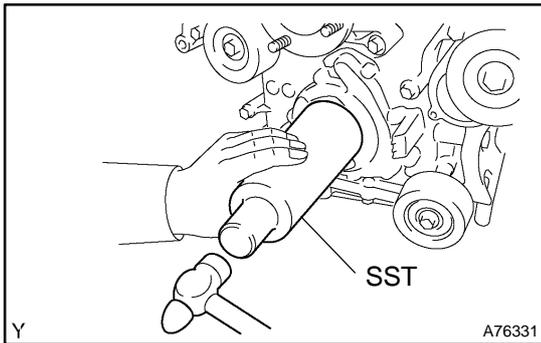


### 8. REMOVE TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL

- (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 GEAR CASE OR TIMING CHAIN CASE 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 14-1 19)
 

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)**

4RUNNER Supplement (RM1034U)

**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)**