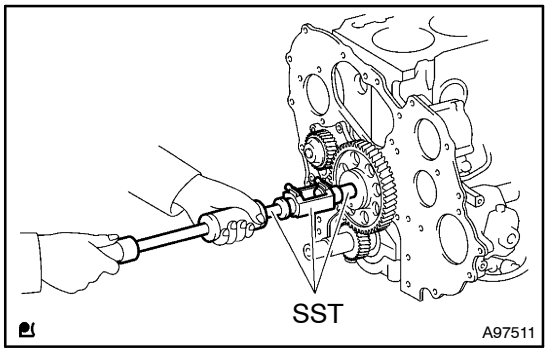
OIL PUMP ASSY (N04C–TF)

170LC–01

REPLACEMENT

1. **DRAIN ENGINE OIL**
2. **REMOVE CAMSHAFT (See page 14–24)**



3. **REMOVE IDLE GEAR NO.1**

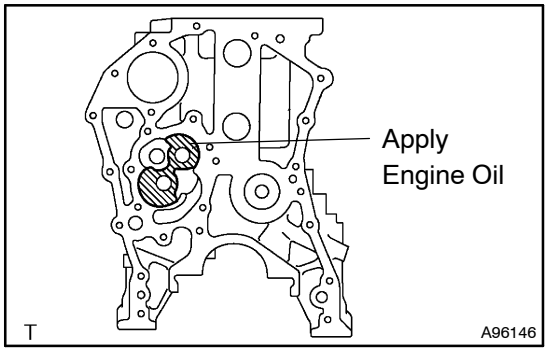
(a) Remove the bolt.

(b) Using SST, remove the gear shaft, gear and thrust plate.

SST 09910–00015 (09911–00011, 09912–00010, 09913–00010)

4. **REMOVE OIL PUMP ASSY**

(a) Remove the 7 bolts and pump.



5. **INSTALL OIL PUMP ASSY**

(a) Apply engine oil to the pump case of the cylinder block and bearing.

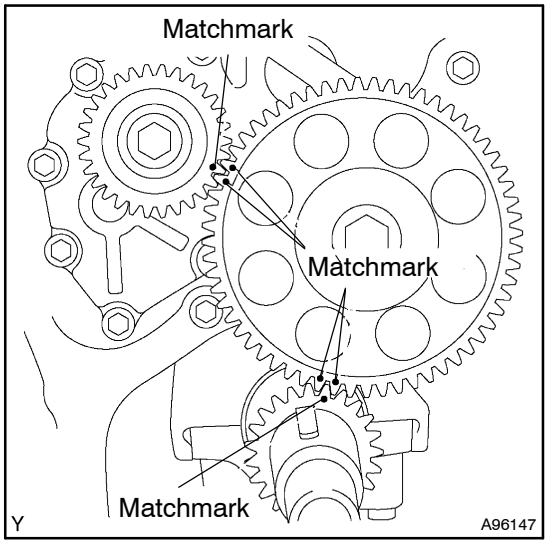
NOTICE:

If engine oil is not applied, an oil suction malfunction will occur when starting the engine. The malfunction causes seizure and abnormal wear to the engine.

(b) Install a new gasket and pump with the 7 bolts.

Torque: 28.5 N·m (291 kgf·cm 21 ft·lbf)

(c) Check that the oil pump rotates smoothly by hand after the installation.



6. INSTALL IDLE GEAR NO.1

(a) Facing the oil hole of the idle gear shaft No. 1 downward, install the thrust plate, gear and idle gear shaft.

NOTICE:

If the oil hole is not facing downward, seizure and abnorml wear occurs.

(b) Align the matchmarks as shown in the illustration.

(c) Install the bolt to the idle gear shaft.

Torque: 137 N·m (1,397 kgf·cm 101 ft·lbf)

7. INSTALL CAMSHAFT (See page 14–24)

8. ADD ENGINE OIL

9. CHECK FOR ENGINE OIL LEAKS