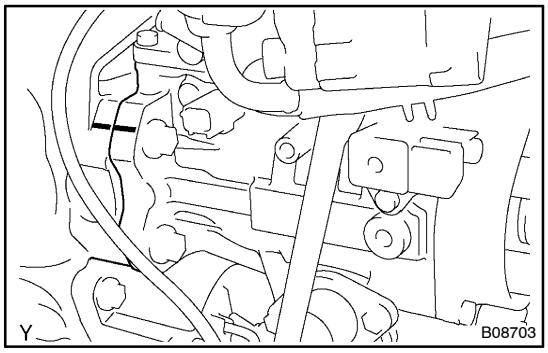
FU06N–03

# INSTALLATION

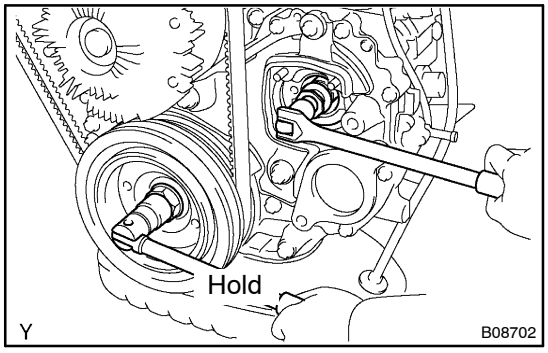
## INSTALL INJECTION PUMP

(a) Apply a light coat of engine oil on the O–ring.
(b) Install a new O–ring to the injection pump.
(c) Place the No.1 cylinder block insulator.
(d) Align the set key on the drive shaft with the key groove of the injection pump drive gear.
(e) Temporarily install the 2 injection pump bracket.




(f) Align the matchmarks of the injection pump and timing gear case.
(g) Install the 4 nuts holding the injection pump to the timing gear case.
**Torque: 18.5 N·m (189 kgf·cm, 14 ft·lbf)**
(h) Tighten the 4 bolts of injection pump stay, completely.
**Torque:**
**Injection pump stay to injection pump**
**37.5 N·m (382 kgf·cm, 28 ft·lbf)**
**Injection pump stay to cylinder block**
**37.5 N·m (382 kgf·cm, 28 ft·lbf)**

**NOTICE:**
**Before tightening to the standard torque, check whether the pump stay is up against the injection pump.**
If there is a gap, loosen the bolts joining the pump stay to the cylinder block and set the pump stay against the injection pump.




(i) Hold the crankshaft pulley, and install the injection pump drive gear nut.
**Torque: 137 N·m (1,400 kgf·cm, 101 ft·lbf)**

**NOTICE:**
**Do not turn the crankshaft pulley. The valve heads will hit against the piston top.**