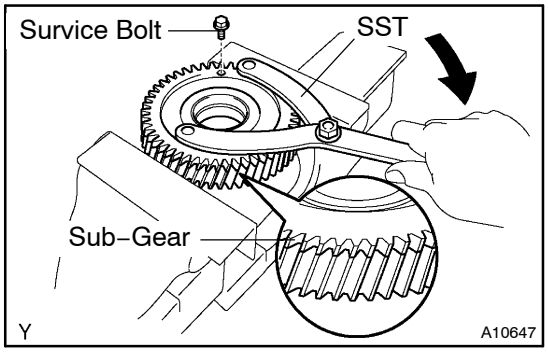
EM14L–03

INSTALLATION

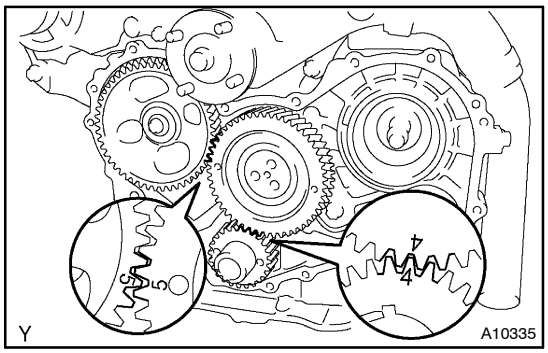


1. INSTALL IDLE GEAR

When the sub–gear and the idle gear have shifted, do the following work (a) and (b).

(a) Using SST, align the holes of the idle gear and sub–gear by turning the sub–gear clockwise, and install a service bolt.
SST 09960–10010 (09962–01000, 09963–00500)

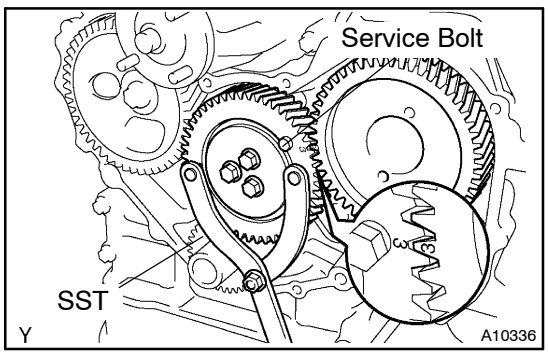
(b) Align the gear teeth of the idle gear and sub–gear, and tighten the service bolt.



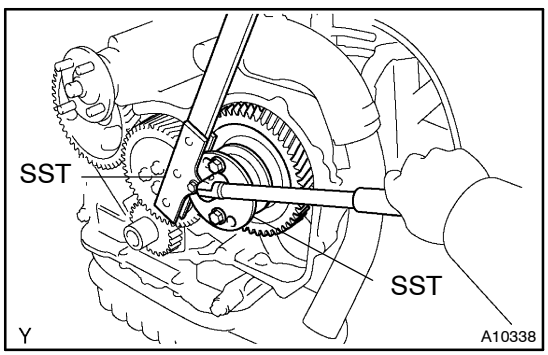
(c) Align the idle gear timing marks ”4” and ”5” with the crankshaft gear timing mark ”4” and camshaft gear timing mark ”5” respectively, and mesh the gears.

2. INSTALL INJECTION PUMP DRIVE GEAR

(a) Align the drive gear set key with the key groove of the drive gear.

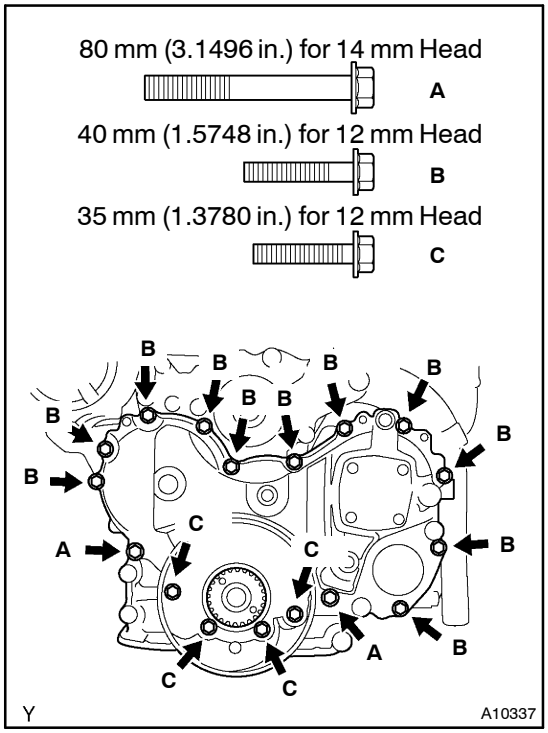


(b) Using SST, align the idle gear timing mark ”3” with the drive gear timing mark ”3”, and mesh the gears.



(c) Using SST, install the drive gear nut.
SST 09213–58013 (90201–08131, 91111–50845)
09330–00021
Torque: 137 N·m (1,400 kgf·cm, 101 ft·lbf)
SST 09960–10010 (09962–01000, 09963–00500)

(d) Remove the service bolt.



3. INSTALL TIMING GEAR COVER

Install a new gasket and the timing gear cover with the 17 bolts.

Torque:

44 N·m (449 kgf·cm, 32 ft·lbf) for bolt A

21 N·m (214 kgf·cm, 15 ft·lbf) for bolt B, C

HINT:

Each bolt length is indicated in the illustration.