

## INSPECTION

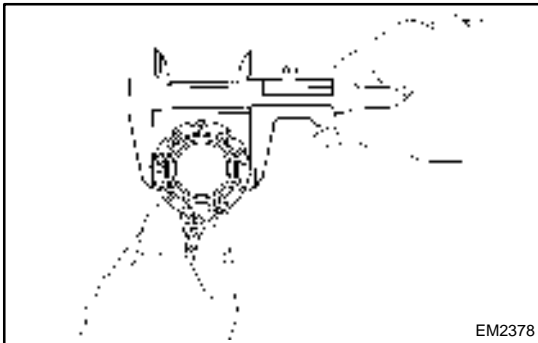
1. **INSPECT TIMING CHAIN AND TIMING SPROCKETS**
  - (a) Using vernier calipers, measure the length of the 16 links with the chain fully stretched.

**Maximum chain elongation: 122.6 mm (4.827 in.)**

If the elongation is greater than maximum, replace the chain.

HINT:

Make the same pulling measurements at 3 or more places selected at random.



- (b) Wrap the chain around the timing sprocket.
- (c) Using vernier calipers, measure the timing sprocket diameter with the chain.

### NOTICE:

**Vernier calipers contact the chain rollers for measuring.**

**Minimum sprocket diameter (w/ Chain):**

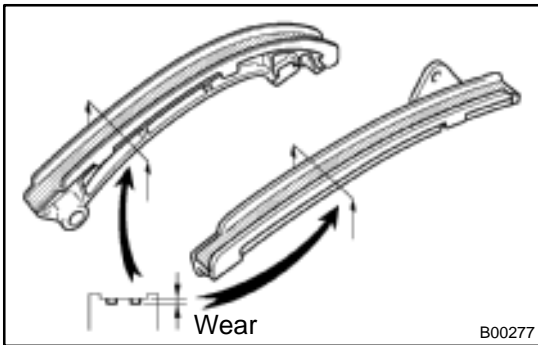
Camshaft	97.3 mm (3.831 in.)
Crankshaft	51.6 mm (2.031 in.)

If the diameter is less than minimum, replace the chain and sprockets.

## 2. INSPECT DRIVE BELT IDLER

Check that the pulley rotates smoothly.

If necessary, replace the bearing (See page [EM-18](#)).

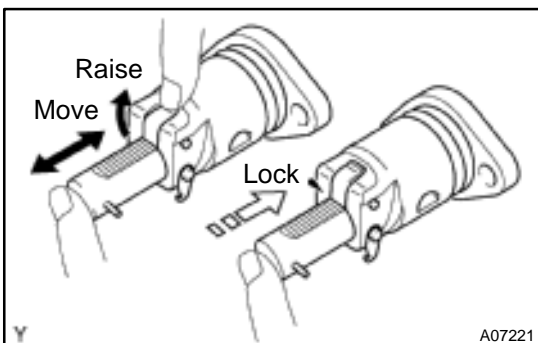


## 3. INSPECT CHAIN TENSIONER SLIPPER AND VIBRATION DAMPER

Measure the chain tensioner slipper and vibration damper wears.

**Maximum wear: 1.0 mm (0.039 in.)**

If the wear is greater than maximum, replace the slipper and/or damper.



## 4. INSPECT CHAIN TENSIONER

- (a) Check that the plunger moves smoothly when the ratchet pawl is raised with your finger.
- (b) Release the ratchet pawl and check that the plunger is locked in place by the ratchet pawl and does not move when pushed with your finger.

## 5. INSPECT OIL JET (See page [LU-10](#))

## 6. INSPECT DRIVE BELT TENSIONER

Check the oil leakage and crack.

If necessary, replace the drive belt tensioner.