

## INSPECTION

### 1. INSPECT TIMING BELT

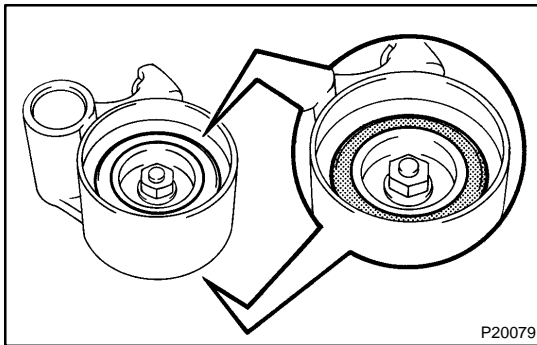
#### NOTICE:

- Do not bend, twist or turn the timing belt inside out.
- Do not allow the timing belt to come into contact with oil, water or steam.
- Do not utilize timing belt tension when installing or removing the mount bolt of the camshaft timing pulley.

If there is any defect, as shown in the illustration, check these points:

- Premature parting
  - Check for proper installation.
  - Check the timing cover gasket for damage and proper installation.
- If the belt teeth are cracked or damaged, check to see if either camshaft is locked.
- If there is noticeable wear or cracks on the belt face, check to see if there are nicks on the side of the idler pulley lock and water pump.
- If there is wear or damage on even one side of the belt, check the belt guide and the alignment of each pulley.
- If there is noticeable wear on the belt teeth, check timing cover for damage and for foreign material on the pulley teeth.

If necessary, replace the timing belt.



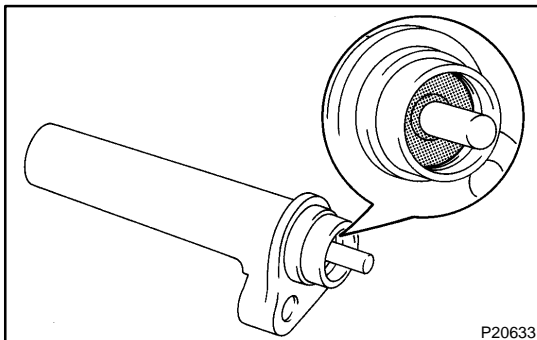
### 2. INSPECT IDLER PULLEYS

- Visually check the seal portion of the idler pulley for oil leakage.

If leakage is found, replace the idler pulley.

- Check that the idler pulley turns smoothly.

If necessary, replace the idler pulley.



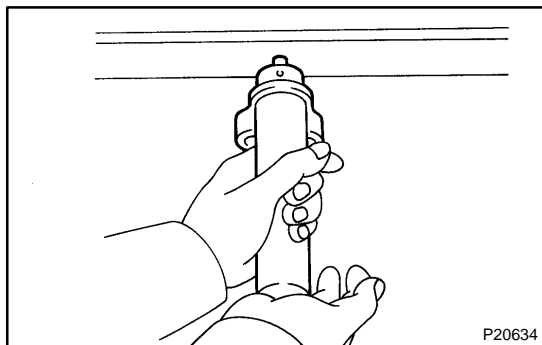
### 3. INSPECT TIMING BELT TENSIONER

- Visually check the seal portion of the tensioner for oil leakage.

#### HINT:

If there is only the faintest trace of oil on the seal on the push rod side, the tensioner is all right.

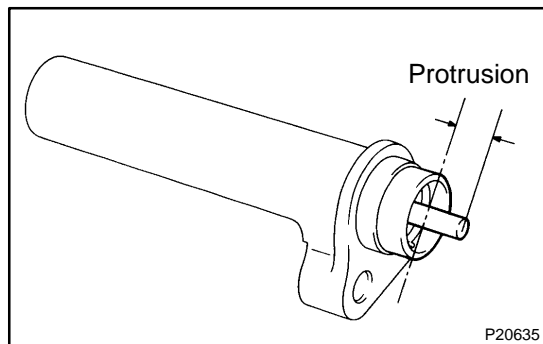
If leakage is found, replace the tensioner.



- (b) Hold the tensioner with both hands and push the push rod strongly as shown to check that it doesn't move. If the push rod moves, replace the tensioner.

**NOTICE:**

**Never hold the tensioner push rod facing downward.**



- (c) Measure the protrusion of the push rod from the housing end.

**Protrusion: 10.5 to 11.5 mm (0.413 to 0.453 in.)**

If the protrusion is not as specified, replace the tensioner.

**4. INSPECT WATER PUMP (See page [CO-7](#))**