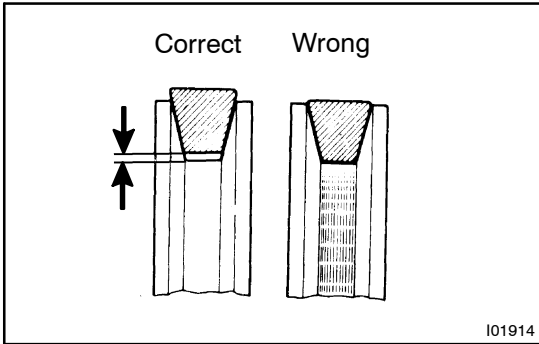


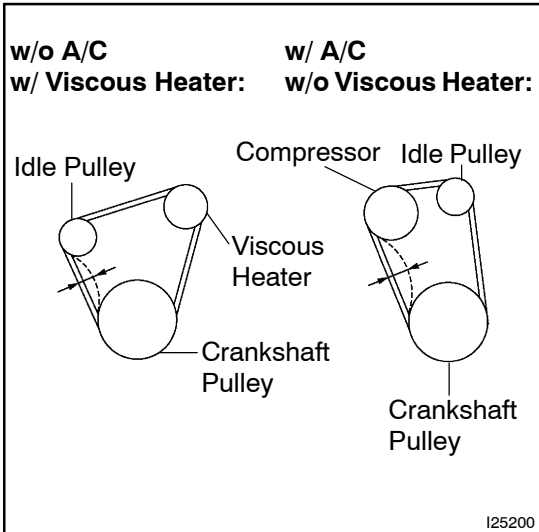


DRIVE BELT (1HD-FTE) ON-VEHICLE INSPECTION

AC3PX-01

1. INSPECT DRIVE BELT'S INSTALLATION CONDITION

Check that the drive belt fits properly in the ribbed grooves.



2. CHECK DRIVE BELT DEFLECTION

- (a) Using a belt tension gauge, apply a load of 98 N (10 kgf, 22 lbf).
- (b) Measure drive belt deflection.

Drive belt deflection:

New belt: 10.0 – 14.0 mm (0.39 – 0.55 in.)

Used belt: 13.0 – 18.0 mm (0.51 – 0.71 in.)

HINT:

- "New belt" refers to a belt which has been used for less than 5 minutes on a running engine.
- "Used belt" refers to a belt which has been used on a running engine for 5 minutes or more.
- After installing the drive belt, check that it fits properly in the ribbed grooves.

If one belt has any of the above defects, replace the both belts.

3. INSPECT DRIVE BELT TENSION

Using a belt tension gauge, check that the drive belt tension.

Drive belt tension:

New belt: 520 – 755 N (53 – 77 kgf)

Used belt: 343 – 539 N (35 – 55 kgf)

