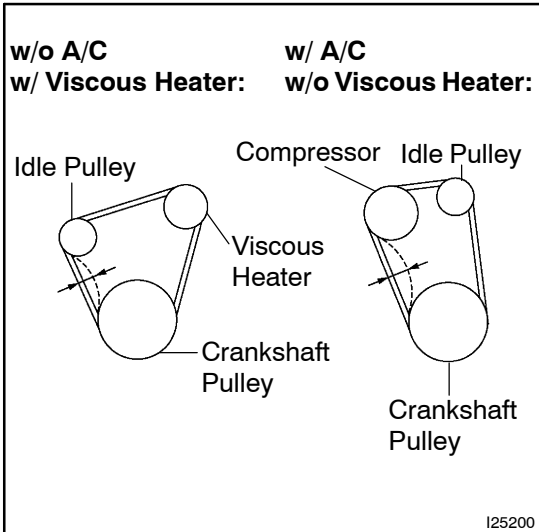


## DRIVE BELT (1HD-FTE) ON-VEHICLE INSPECTION

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)**

