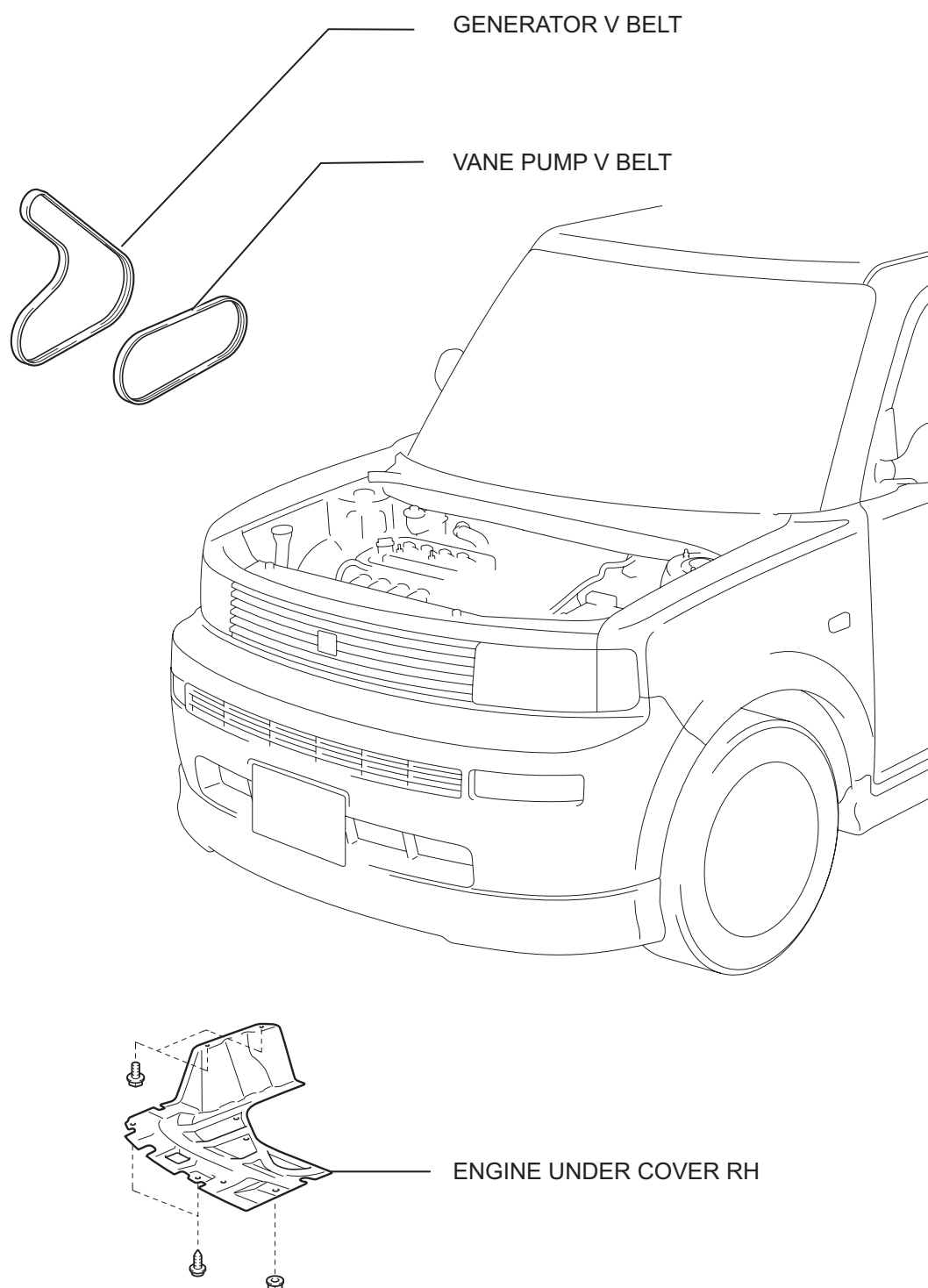
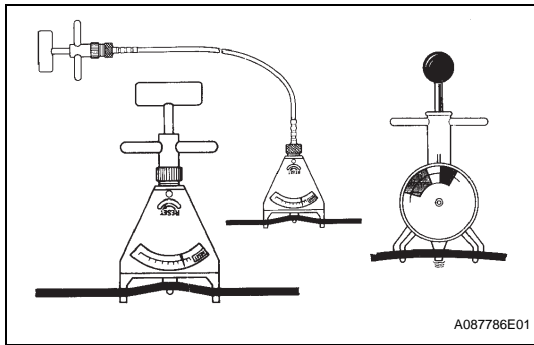


# DRIVE BELT

## COMPONENTS



EM



## ON-VEHICLE INSPECTION

### 1. CHECK DRIVE BELT TENSION

- (a) Using a belt tension gauge, measure the belt tension.

Belt tension gauge:

DENSO BTG- 20 (95506-00020)

Borroughs No. BT-33-73F

#### Standard drive belt tension

Item	Specified Condition
Crankshaft pulley to cooler compressor or generator	New belt: 121 to 143 lbf
	Used belt: 55 to 88 lbf
Vane pump	New belt: 99 to 121 lbf
	Used belt: 55 to 77 lbf

#### HINT:

- After installing the drive belt, check that it fits properly in the ribbed grooves. Check with your hands to confirm that the belt has not slipped out of the groove on the bottom of the crankshaft pulley.
- A "new belt" is a belt which has been used less than 5 minutes on a running engine.
- A "used belt" is a belt which has been used on a running engine for 5 minutes or more.
- After installing a new belt, run the engine for approximately 5 minutes and then recheck the tension.

- (b) Reference:

Check drive belt deflection.

- (1) When not using a belt tension gauge, measure the belt deflection.

Pressing force: 98 N (10 kgf, 22 lbf)

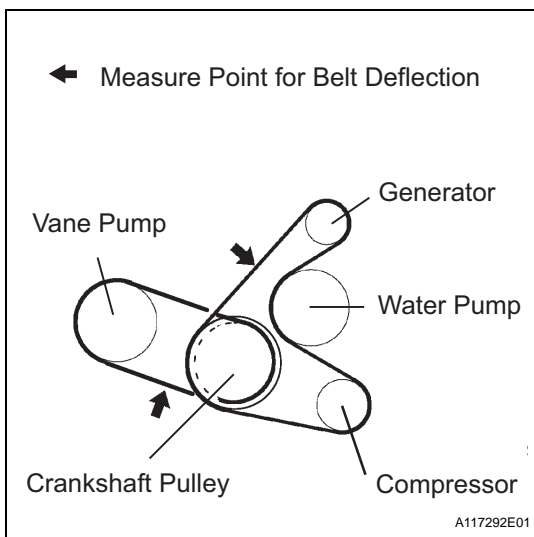
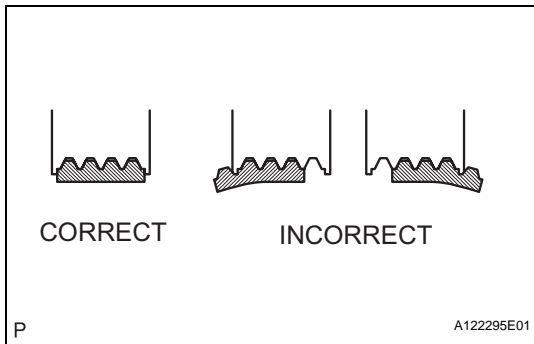
#### Standard belt deflection

Item	Specified condition
Belt (for water pump and generator)	New belt: 7.0 to 8.5 mm (0.28 to 0.33 in.)
	Used belt: 11.0 to 13.0 mm (0.43 to 0.51 in.)
Belt (for vane pump)	New belt: 8.0 to 10.0 mm (0.31 to 0.39 in.)
	Used belt: 11.0 to 13.0 mm (0.43 to 0.51 in.)

#### NOTICE:

- Check the drive belt deflection at the specified point.
- When installing a new belt, set its tension value as specified.
- When inspecting a belt which has been used over 5 minutes, apply the specification of "Used Belt".
- When reinstalling a belt which has been used over 5 minutes, adjust its deflection and tension to the intermediate value of each specification of "Used Belt".

EM



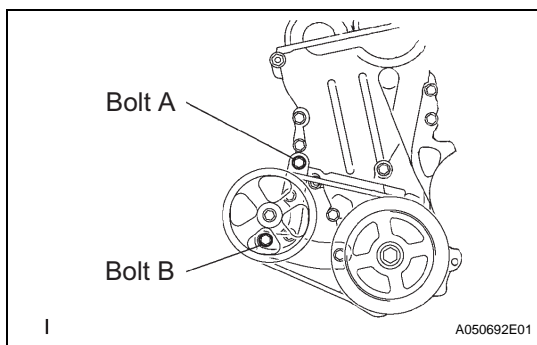
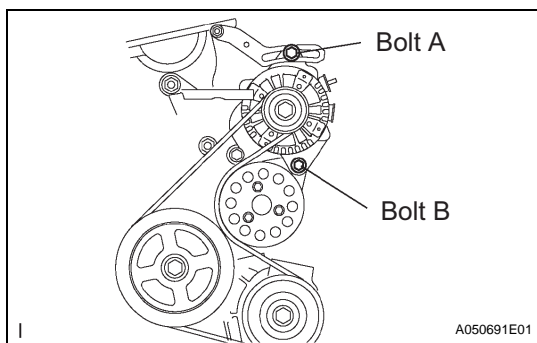
- Belt tension and deflection should be checked after 2 revolutions of engine cranking.
- When using a belt tension gauge, confirm the accuracy by using a master gauge first.

## REMOVAL

### 1. REMOVE GENERATOR V BELT

- (a) Loosen bolts A and B.
- (b) Release the belt tension and remove the belt.

### 2. REMOVE ENGINE UNDER COVER RH



### 3. REMOVE VANE PUMP V BELT

- (a) Loosen bolts A and B.
- (b) Release the belt tension, and remove the belt.