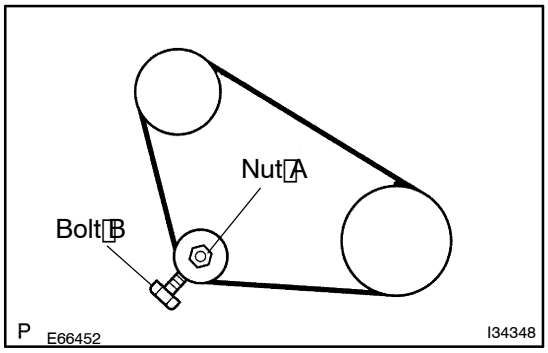
V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1 (3RZ–FE)

550S9–01

REPLACEMENT

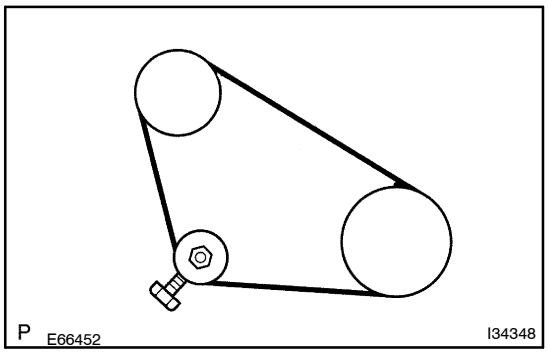
1. REMOVE ENGINE UNDER COVER SUB–ASSY NO.1
2. REMOVE VANE PUMP V BELT (See page 14–7)



3. REMOVE V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

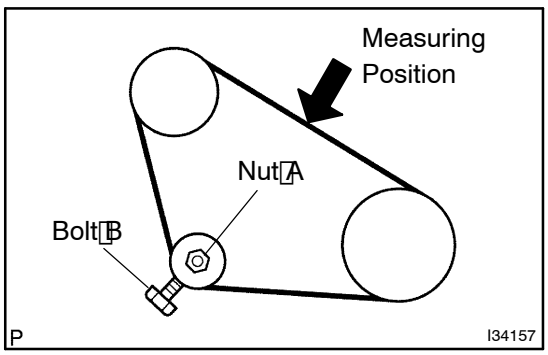
(a) Loosen the nut A.

(b) Loosen the bolt B and remove the V (cooler compressor to crankshaft pulley) belt No. 1.



4. INSTALL V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

(a) Temporarily install the V (cooler compressor to crankshaft pulley) belt No. 1 as illustrated.



5. ADJUST V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

(a) Tighten the nut A.

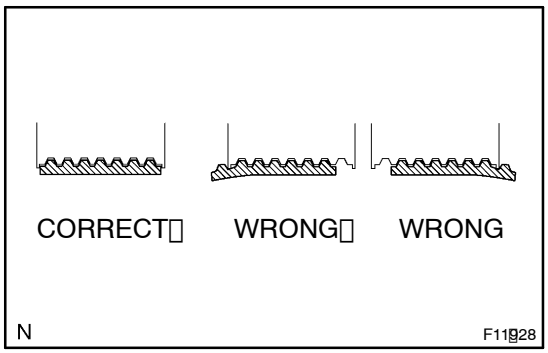
Torque: 2.5 N·m (25 kgf·cm, 22 in.·lbf)

(b) Apply drive belt tension by turning bolt B.

Belt deflection:

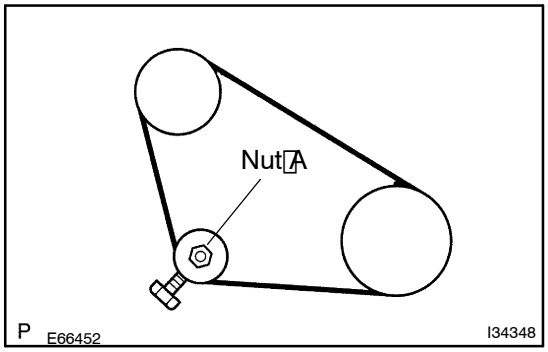
New belt: 7.0 – 10 mm (0.27 – 0.39 in.)

Used belt: 10 – 13 mm (0.39 – 0.51 in.)



HINT:

- New belt refers to a belt which is used for less than 5 minutes on a running engine.
- Used belt refers to a belt which is used for 5 minutes or more on a running engine.
- After installing the drive belt, check that it fits properly in the ribbed grooves.
- Check by hand to confirm that the drive belt is not slipped off the groove on the bottom of the pulley.



6. FULLY TIGHTEN V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

(a) Tighten the nut A.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

7. INSTALL VANE PUMP V BELT (See page 14–7)

8. INSPECT DRIVE BELT (See page 14–7)

9. INSTALL ENGINE UNDER COVER SUB–ASSY NO.1