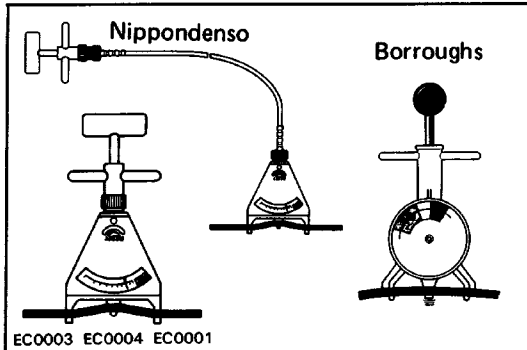


# ON-VEHICLE INSPECTION

## 7. CHECK CONDENSER FINS FOR BLOCKAGE OR DAMAGE

If the fins are clogged, clean them with pressurized water.

**NOTICE:** Be careful not to damage the fins.



## 2. CHECK DRIVE BELT TENSION

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

**Belt tension gauge:**

**Nippondenso** BTG-20 (95506-00020) or

**Borroughs No.** BT-33-73F

**Drive belt tension:**

	New belt (lbs)	Used belt (lbs)
3VZ	125 ± 25	80 ± 20
22R-E	125 ± 25	80 ± 20

**HINT:**

- "New belt" refers to a belt which has been used 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.

## 3. START ENGINE

### 4. TURN ON A/C SWITCH

Check that the A/C operates at each position of the blower switch.

If blower does not operate, check heater fuse.

## 5. CHECK MAGNETIC CLUTCH OPERATION

### 6. CHECK THAT IDLE INCREASES

When the magnetic clutch engages, engine revolution should increase.

**Standard idle-up rpm: 900 – 1,000 rpm**

## 7. CHECK AMOUNT OF REFRIGERANT

If you can see bubbles in the sight glass, additional refrigerant is needed. (See page [AC-16](#))

## 8. IF NO COOLING OR IT IS INSUFFICIENT, INSPECT FOR LEAKAGE

Using a gas leak tester, inspect each component of the refrigeration system.