

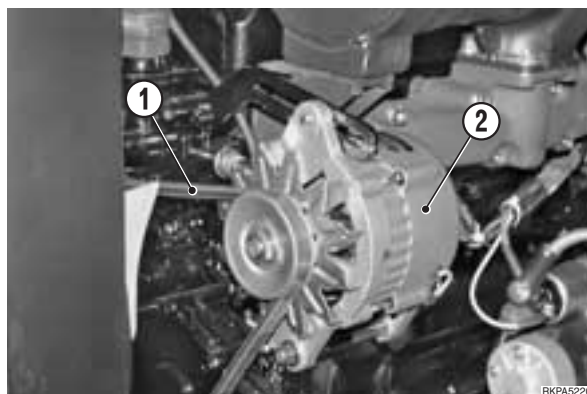
TESTING AND ADJUSTING FAN BELT TENSION

1. Tension check

- 1 - Push fan belt (1) at midway point between alternator (2) and pulley operating water pump; check the deflection.

With a pressure of 10 kg (22 lb.), deflection should be of 10–15 mm (0.4–0.6 in.); if this value is not reached, tension fan belt.


- ★ With new belt, deflection must be of 7–9 mm (0.3–0.35 in.).




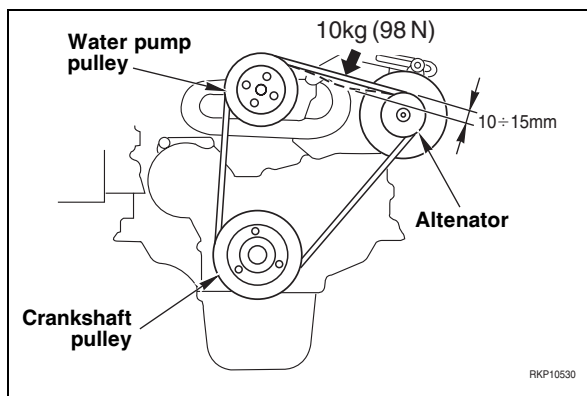
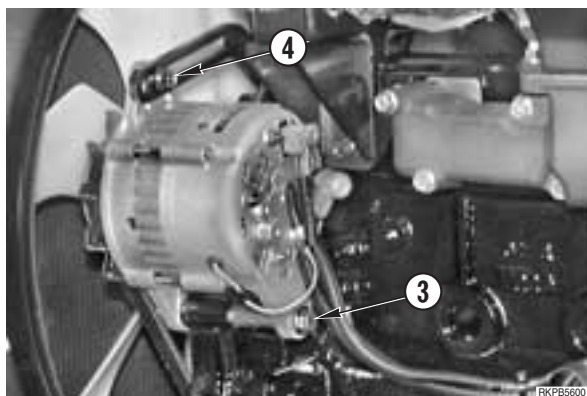
2. Fan belt tension

- 1 - Loosen mounting bolt (3) of the alternator (2) and mounting bolt (4) of adjustment plate.
- 2 - Rotate the alternator (2) to give correct tension to fan belt (1) and tighten mounting bolts (3) and (4).
- 3 - Check fan belt (1) tension.

- ★ If belt has been replaced, check tension again after about 20 operating hours.

 Mounting bolt (3):
44.1–53.9 Nm (32.5–39.7 lb.ft.)

 Mounting bolt (4):
22.5–28.4 Nm (0.88–1.11 lb.ft.)

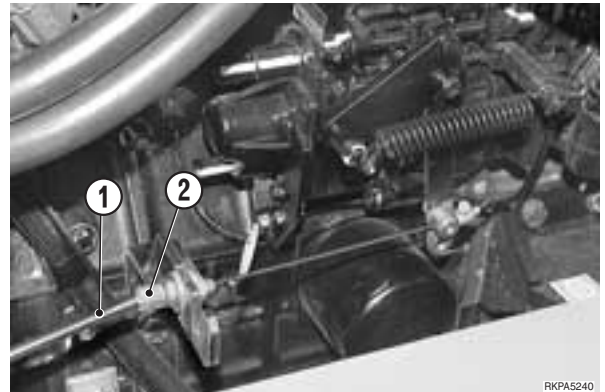


ADJUSTING THE STROKE OF THE ACCELERATOR LEVER

★ Test conditions:

- Engine: Switched off, but at working temperature.
- Low idling: within correct range.
- Hydraulic oil: 45 – 55°C (113 – 131°F)
- Accelerator lever at the mid-point of its stroke.

1 - Use the stretcher (2) to eliminate clearance in the jacket (1).



2 - Raise the right-hand cover in order to reach the screws (3) and (4).

3 - Unscrew the nuts (5) and (6) and tighten the screws (3) and (4) in the support.

4 - Move the accelerator lever (9) slowly towards low idling position. Stop this movement when the lever (7) on the cover of the injection pump comes into contact with the low idling adjustment screw (8).

5 - Adjust the screw (3) until it is 0.1 mm (0.004 in.) from the lever (9) and lock it in this position with the nut (5).

6 - Move the lever (9) towards the high idling position. Stop this movement when the lever (7) on the cover of the injection pump rests against the lead-sealed high idling adjustment screw (10).

7 - Adjust the screw (4) to 0.1 mm (0.004 in.) from the lever (9) and lock it in this position with the nut (6).

- ★ After adjustment, replace the right-hand cover and check that the aperture does not impede the movement of the lever (9) towards its extreme positions.

