

## Checking and Adjustment of Fan Belt Tension

### Checking:

1. The fan belt has the specified tension if moderate thumb pressure applied at the center point between the water pump and generator pulleys depresses the belt from its straight position a distance of  $a = 5-10$  mm (Fig. 50 — 5/1).

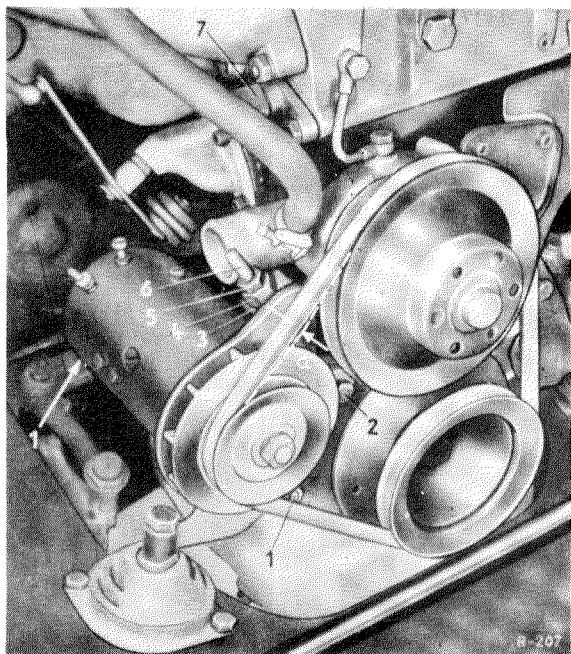


Fig. 50 — 5/1

- |                  |                   |
|------------------|-------------------|
| 1 Fixing screws  | 5 Hexagon nut     |
| 2 Fixing screw   | 6 Clamping screw  |
| 3 Clamping piece | 7 Chain tensioner |
| 4 Adjusting nut  | $a = 5-10$ mm     |

**Note:** When checking the fan belt tension, the condition of the pulleys should also be examined.

Badly worn pulleys must be replaced since otherwise the fan belt rests on the base of the pulleys and cannot transmit power.

### Adjustment:

2. For adjusting or re-tensioning the fan belt, the fixing screws (1) and (2) at the generator

bracket under the generator, the clamping screw (3) at the top next to the adjusting nut and the hexagon nut (5) must be slackened a little (see Fig. 50 — 5/2).

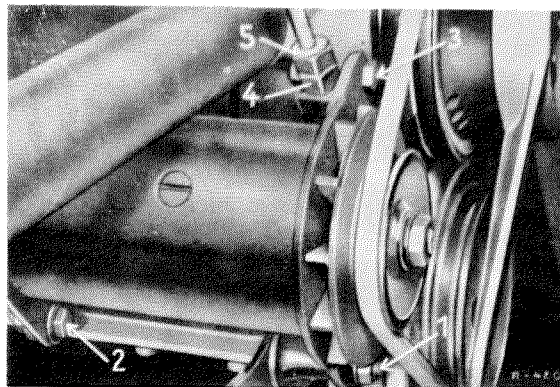


Fig. 50 — 5/2

- |                  |
|------------------|
| 1 Fixing screw   |
| 2 Fixing screw   |
| 3 Clamping screw |
| 4 Adjusting nut  |
| 5 Hexagon nut    |

3. Then turn the adjusting nut (4) in or out until the correct belt tension is obtained.

4. Tighten the fixing screws (1) and (2), the clamping screw (3) and the hexagon nut (5) (see Fig. 50 — 5/2).

**Note:** If the fan belt has to be replaced, the fixing screws (1) and (2), the clamping screw (3) and the hexagon nut (5) must be slackened (see Fig. 50 — 5/2) and then the generator moved toward the engine far enough for the belt to be easily removed or put on.

The fan belt must not be forced off or on with the aid of a screwdriver as this may cause damage to the pulley and the belt.