13–3450 Removing and installing tensioning device

Preceding work:
Fan shroud removed (20–3400).
Viscous fan clutch removed (20–3120).
Intake air guide removed.

Operation no. of operation texts and work units or standard texts and flat rates
13–1202 – 13–4001

Bolts (20), (23) and (25) of belt pulleys viscous fan clutch (22), coolant pump (24) power steering pump (26) .......................... slacken before removing poly-V-belt, tighten.

Installation note
Torque of power steering pump bolt (25) see (46–710).

Poly-V-belt (27) ........................................... remove, install (13–3420).
Belt pulleys of viscous fan clutch (22), coolant pump (24) power steering pump (26) ............ remove, install.

P13 - 5058 - 57

RA 13.1123–3450/1
1 M8 x 90 hexagon bolt
2 M8 nut
3 M8 x 100 hexagon bolt
4 M8 x 65 fl collar bolt
11 M8 x 45 bolt + washer

Damper (10) of tensioning device at bracket (7) .. unscrew, screw on (21 Nm).
Bolt (16) ............................................. unscrew, screw on (75 Nm).
Bolts (1), (3) and (4) ................................. unscrew, screw on (21 Nm).

Note
Counter-hold at nut (2) with wrench.
remove, install.

Installation note
Apply sealant 001 989 29 20 at hole (arrow) of strut (12) at front and rear.
remove, install.

Bolt (16), washer (15), setting pointer (13),
tensioning device (14) and sleeve (17) .......... unscrew, screw on (21 Nm).
Bolts (11) ............................................. swivel outward.
Bracket (19) with tensioning nut (5) and tensioning bolt (18) ... remove, install.
Tensioning device (14) ... check (13-3452).

Tightening torques in Nm

<table>
<thead>
<tr>
<th>Component</th>
<th>Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolts of belt pulleys of fan clutch in coolant pump</td>
<td>10</td>
</tr>
<tr>
<td>Bolt of tensioning device</td>
<td>75</td>
</tr>
<tr>
<td>Bolts of strut and bracket</td>
<td>25</td>
</tr>
</tbody>
</table>

Special tool

![Special Tool Image]

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**Note**

Modification to bracket of poly-V-belt tensioner

The supporting tube (a), previously welded to the bracket, is now fitted loose.
Indefinite production breakpoint as of February 1990.