13–335 Instructions concerning replacing and tensioning of V-belts

Adjusting values

V-belts (width of profile in mm)	KG scale on measuring instrument New V-belts	Used V-belts
9.5	30	20–25
12.5	50	40–45

Special tool

Measuring instrument (Krikit)	[illegible]	001 589 69 21 00

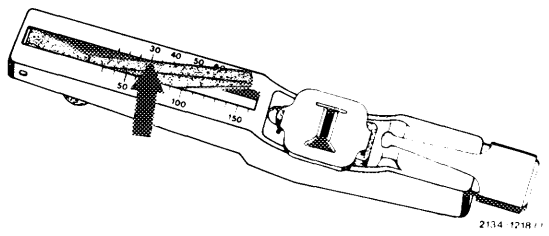
Checking condition of V-belts

Replace cracked, porous, burnt or worn-out V-belts.

Checking tension

For handling of measuring instrument (Krikit) refer to operating instructions (13–340).

The specified adjusting values refer to KG scale (arrow) of measuring instrument.



Used V-belts

Check tension of V-belts and compare with the values specified in the Table for used V-belts (e.g. V-belts with a width of profile of 9.5 mm = adjusting value 20–25). If required, retension V-belts.

Mounting and tensioning of new V-belts

Perfect mounting of a V-belt requires loosening of respective auxiliary unit or tensioning device of V-belt to the extent that the belt can be mounted without any special effort. In addition, the running surface on the belt pulleys should be free from burr, rust and dirt.

Keep free from oil, grease and chemicals. Do not use belt waxing compound or the like. Optimal adjustment of belt tension (for adjusting data refer to Table) as described below will eliminate any complaints such as squealing V-belts and short life.

Mount V-belt prior to engine checkup within scope of maintenance jobs and tension to value for new V-belts specified in Table (e.g. V-belt, profile width 9.5 mm = adjusting value 30).

If the V-belt tension is checked during final acceptance or following the trial run, the value then measured should coincide with the value specified in Table for used V-belts (e.g. V-belts with a profile width of 9.5 mm = adjusting value 20–25). If required, retension V-belt.