

13–335 Instructions concerning V-belt replacement and tensioning

Adjusting values

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

Special tool

Measuring instrument (Krikitt) for
measuring V-belt tension



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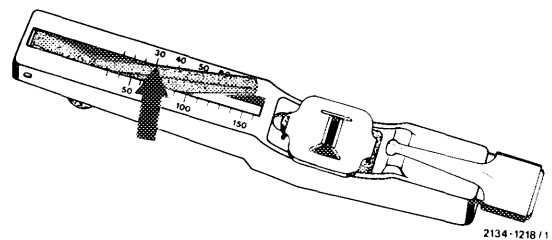
Checking V-belt condition

Replace cracked, burnt or worn V-belts.

Checking tension

For handling of instrument refer to operating instructions and Replacing and tensioning V-belts (13–340).

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



Used V-belts

Check tension of V-belt and compare with values named in table for used V-belts (e.g. V-belts, width of section 9.5 mm = adjusting value 20–25). Retension V-belt if required.

Mounting and tensioning of new V-belts

Proper mounting of a V-belt requires loosening of the 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 pulley should be free of burrs, rust and dirt.

Keep free of 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.

Within the scope of maintenance jobs, mount the V-belt prior to checking the engine and tension to the value specified in the table for new V-belts (e.g. V-belt, width of section 9.5 mm = adjusting value 30).

If the V-belt tension is checked during final inspection or following a test drive, the measured value should be the same as the value named in the table for used V-belts (e.g. V-belt with width of section 9.5 mm = adjusting value 20–25). Retension V-belt if required.