

Adjusting values

V-belts (profile width 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 condition of V-belt

Renew cracked, burnt or worn out V-belts.

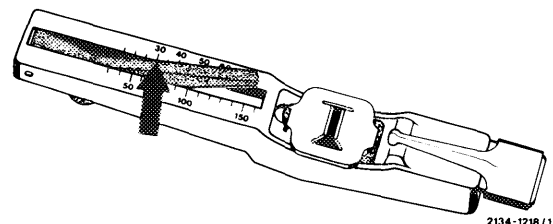
Attention!

If on double belt drive for coolant pump and power steering pump one of the two V-belts fails due to wear, be sure to renew both V-belts.

Checking tension

For handling of instrument refer to operating instructions, renew V-belts and tension (13–340).

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



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Used V-belts

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

Mounting and tensioning new V-belts

Perfect mounting of a V-belt requires releasing of respective auxiliary unit or of V-belt tensioning device to the extent that the belt can be easily mounted. In addition, the running surfaces for V-belt on pulleys must be free of burr, rust and dirt.

Keep free of oil, grease, chemicals. Do not use belt wax or the like. Subsequent optimal adjustment of belt tension (for adjusting data refer to table) serves to eliminate complaints such as squealing V-belts and low service life.

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

If the V-belt tension is checked at final inspection or following a test drive, the value measured at that time should be the same as the value named in table for used V-belts (e.g. V-belts, profile width 9.5 mm = adjusting value 20–25). If required, re-tension V-belt to match this value.