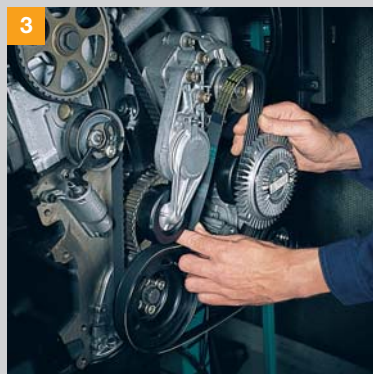
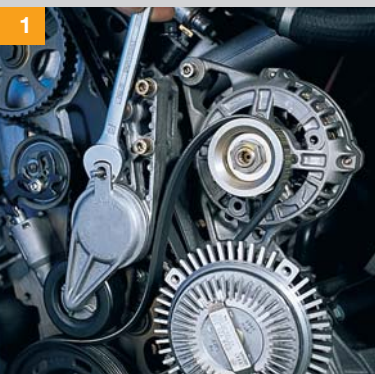


Changing the belt correctly – for 100 % drive function



Changing a multiple V-ribbed belt

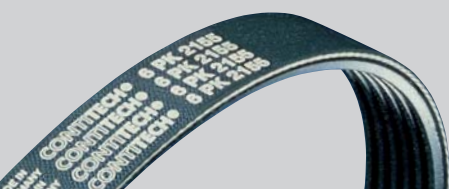
If the belt drive has an automatic tensioning system:

- Use appropriate tools to move the tensioner to “belt removal”.
- Secure the tensioner in this position. (1)
- Make sure you are familiar with the belt configuration (drawing a sketch helps).
- Remove the belt.
- Check tensioner, back idler pulleys and belt pulleys for any wear or damage. (2)
- Ensure you have the correct belt size. First place it over the plain and flanged pulleys (3), and then push it over the smooth back idler pulleys. (4)
- Check that the belt is properly seated in the grooves.
- Release the tensioner securing mechanism with a suitable tool and move the tensioner against the belt. Remove all tools.
- Check that the belt is properly seated on all pulleys.
- Start the engine and watch that the belt is running along its intended path.

- Turn off the engine. Use the Kriket 2 or Kriket 3 tension gauge to check the belt tension on the taut section of the belt (5). If the tension is incorrect, check the tensioning system against the manufacturer's data.
- Dispose of the replaced belt in an environmentally friendly way.

If the belt drive includes a fixed tensioning pulley:

- Release the tensioning system and move it into the drive unit.
- Make sure you are familiar with the belt configuration (drawing a sketch helps).
- Remove the belt.
- Check tensioner, back idler pulleys and belt pulleys for any wear or damage.
- Ensure you have the correct belt size. First place it over the plain and flanged pulleys, and then push it over the smooth back idler pulleys.
- Check that the belt is properly seated in the grooves.



Multiple V-ribbed belts and fan belts



CONTI® BTT Hz (Belt Tension Tester):
Electronic alternative for measuring
the tension of multiple V-ribbed belts

- Use the Kriket 2 or Kriket 3 tension gauge to check the belt tension on the taut section of the belt. (5)

New multiple V-ribbed belts

Profile PK: 12-14 kg/rib

Used multiple V-ribbed belts

Profile PK: 9-10 kg/rib

- Let the engine run for a few minutes, then switch it off. Check the tension and make any necessary adjustments.
- Dispose of the replaced belt in an environmentally friendly way.

Changing a fan belt

Changing fan belts is similar to changing multiple V-ribbed belts with a fixed tensioning pulley. Use the Kriket 1 tension gauge to adjust the belt tension (6).

New fan belts

Profile AVX 10: 40 kg

Profile AVX 13: 55 kg

Used fan belts

Profile AVX 10: 25-30 kg

Profile AVX 13: 40-45 kg

Safety tips

- When installing belts, only use the correct tool (not a screwdriver). The belt must be installed without the use of force.
- Belt dressing or similar materials should be used only in emergencies to eliminate noises.
- Never allow caustic or corrosive liquids to come into contact with the belt drive, as they could damage the plastic parts.
- Check that the belt pulleys are in flawless condition (no dirt, rust or burrs) and are the correct size for the belt profile.
- Ensure that the pulleys are properly aligned parallel to the axis.
- V-belt drives in sets contain belts in matched lengths. If any one belt fails, all belts must be replaced.

