


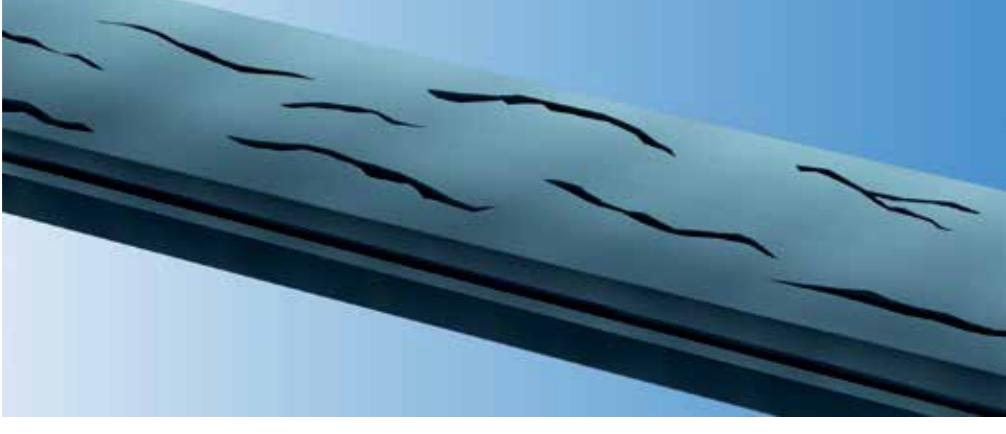




Replacement of the Ribbed V-belt



BOSCH

Invented for life

Damage pattern	Cause	Remedy
<p>Uneven rib profile wear</p> 	<ul style="list-style-type: none"> ▶ Misalignment ▶ Severe belt vibration 	<ul style="list-style-type: none"> ▶ Check axial position and axial parallelism of drive and bearing clearance of pulleys and replace if necessary ▶ Ensure proper fitting and set correct tension 
<p>Cracking and rupturing of base material</p> 	<ul style="list-style-type: none"> ▶ Insufficient/excessive tension ▶ Belt worn ▶ Foreign matter ▶ Temperature too low/high 	<ul style="list-style-type: none"> ▶ Ensure proper fitting and set correct tension ▶ Replace belt ▶ Eliminate foreign matter, check cover and fit correctly ▶ Eliminate cause 
<p>Cracking of belt</p> 	<ul style="list-style-type: none"> ▶ Excessive tension ▶ Belt kinked prior to/during fitting ▶ Drive components or rollers stiff or blocked 	<ul style="list-style-type: none"> ▶ Ensure proper fitting and set correct tension ▶ Ensure proper belt handling ▶ Check drive components and rollers and replace if necessary 
<p>Contamination</p> 	<ul style="list-style-type: none"> ▶ Effect of substances (e.g. oil, anti-freeze or brake fluid) 	<ul style="list-style-type: none"> ▶ Eliminate cause (e.g. leakage at engine) 
<p>Damage to belt backing</p> 	<ul style="list-style-type: none"> ▶ Damage to surface of tensioner or idler ▶ Foreign matter ▶ Belt ageing 	<ul style="list-style-type: none"> ▶ Check and if necessary replace tensioner or idler ▶ Eliminate foreign matter, check cover and fit correctly ▶ Replace belt 
<p>Abnormal rib profile wear</p> 	<ul style="list-style-type: none"> ▶ Insufficient tension ▶ Foreign matter or media ▶ Misalignment ▶ Pulley defective 	<ul style="list-style-type: none"> ▶ Ensure proper fitting and set correct tension ▶ Determine and eliminate cause ▶ Check axial position and axial parallelism of drive and bearing clearance of pulleys and replace if necessary ▶ Check pulleys and replace if necessary 
<p>Noise</p> 	<ul style="list-style-type: none"> ▶ Insufficient/excessive tension ▶ Drive overloaded ▶ Misalignment ▶ Foreign media 	<ul style="list-style-type: none"> ▶ Ensure proper fitting and set correct tension ▶ Check rollers and drive components and their bearing clearance ▶ Check axial position and axial parallelism of drive and bearing clearance of pulleys and replace if necessary ▶ Determine and eliminate cause 

 Replace Ribbed V-belt