

TROUBLESHOOTING GUIDE - V-BELTS



- * Most common causes
- Other possible causes

	Causes																								
Symptoms	Belts pried on or misplaced slack	Belts rubbing guard	Pulleys misaligned	Worn or damaged pulleys	Pulleys too far from bearing	Poor bearing or shaft condition	Insufficient tension	Excessive tension	Improper pulley installation	Belts worn (Normal Service Life)	Wrong belt cross-section or type	Mismatched belts or mixed brands	Machine-induced impulse or shock	Improper or prolonged storage	Excessive heat	Excessive oil or grease	Use of belt dressing	Abrasive environment	Foreign objects in grooves	Excessive moisture	Overloaded drive-underbelting	Drive seriously overbelted	Pulley too small	Insufficient wrap on small pulley	Backside idler
Rapid Sidewall Wear		●	●	*			●				●			●	●	●	●	●		●					
Worn Cover on back		*																							●
Belt turns over or jumps off pulley	●						●				●		*						●						
Belt soft, swollen															*	●									
Belt slips, squeals (spin burn)				*			*				●					●				●	●			●	
Belt cover split	●																		●						
Underside cracked				●										●	*								*		*
Tie-band damaged		●	●	*															*						
Repeated breakage	●						●						●						●		*				
Belts ride too high											*						●								
Belts bottoming				*						●	●										*				
Repeated take-up necessary				●			●				●											●			
Belts vibrate excessively or appear mismatched			●	●			●	●				●	*									●	●		
Bearings are hot				●	●	●		*								●						●	●		
Shafts whip or bend				●	●	●		*																	
Cracked bushings				●				*																	
Pulley wobble				●	●			*																	