

# V-BELT DRIVE TROUBLESHOOTING GUIDE

Dayco has listed some of the more common symptoms of short V-Belt life in the chart below. This chart is intended to help you identify the cause of short belt life so you can address the problem and correct it.

SYMPTOMS	CAUSES																						
	Belts Pried On Or Misplaced Slack	Belts Rubbing	Pulleys Misaligned	Worn Or Damaged Pulleys	Pulleys Too Far From Bearing	Insufficient Tension	Excessive Tension	Improper Pulley Installation	Belts Worn (Normal Service Life)	Wrong Belt Cross-Section Or Type	Mismatched Belts Or Mixed Brands	Engine-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	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			•	•		•	•			•	•												
Pulley Wobble				•				•															

\*Indicates Most Common Causes. •Indicates Other Possible Causes.