GOODYEAR PD™ **CAUSES OF** PREMATURE FAILURE

	Use Inside Idler	Change Sprocket Material
Jhange Sprocket Material Jse Inside Idler	Jhange Sprocket Material	
kemount Bushing and Sprocket Change Sprocket Material Se Inside Idler	temount Bushing and Sprocket Thange Sprocket Material	lemount Bushing and Sprocket
keinstall, Replace, Repair Flange kemount Bushing and Sprocket Change Sprocket Material se Inside Idler	keinstall, Replace, Repair Flange kemount Bushing and Sprocket Shange Sprocket Material	keinstall, Replace, Repair Flange kemount Bushing and Sprocket
ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Thange Sprocket Material Se Inside Idler	ollow Proper Handling Procedur keinstall, Replace, Repair Flange temount Bushing and Sprocket hange Sprocket Material	ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket
Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Jhange Sprocket Material Jee Inside Idler	Jean and Protect Drive Ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Jhange Sprocket Material	Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket
Jiminate or Control Condition Jean and Protect Drive Jollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Jhange Sprocket Material Jee Inside Idler	Jiminate or Control Condition Jean and Protect Drive Jollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Jange Sprocket Material	Jiminate or Control Condition Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket
Jse Correct Sprocket Diameter Lliminate or Control Condition Lean and Protect Drive ollow Proper Handling Procedur ceinstall, Replace, Repair Flange temount Bushing and Sprocket hange Sprocket Material Jse Inside Idler	Jse Correct Sprocket Diameter Lliminate or Control Condition Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket hange Sprocket Material	Se Correct Sprocket Diameter Liminate or Control Condition Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange emount Bushing and Sprocket
keplace Sprocket See Correct Sprocket Diameter Liminate or Control Condition Sean and Protect Drive Ollow Proper Handling Procedur keinstall, Replace, Repair Flange kemount Bushing and Sprocket Shange Sprocket Material See Inside Idler	see Correct Sprocket Jiminate or Control Condition Jean and Protect Drive Ollow Proper Handling Procedur keinstall, Replace, Repair Flange cemount Bushing and Sprocket Jeange Sprocket Material	Seplace Sprocket Jiminate or Control Condition Jean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange emount Bushing and Sprocket
Sheck Belt/Sprocket Compatibilitieplace Sprocket See Correct Sprocket Diameter Liminate or Control Condition Sean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Shange Sprocket Material See Inside Idler	Sheck Belt/Sprocket Compatibilitieplace Sprocket Se Correct Sprocket Diameter Liminate or Control Condition Sean and Protect Drive ollow Proper Handling Procedur teinstall, Replace, Repair Flange temount Bushing and Sprocket Shange Sprocket Material	Sheck Belt/Sprocket Compatibilities Sprocket See Correct Sprocket Diameter Liminate or Control Condition Sean and Protect Drive Ollow Proper Handling Procedur teinstall, Replace, Repair Flange cemount Bushing and Sprocket
heck Horsepower Rating heck Belt/Sprocket Compatibilit eplace Sprocket se Correct Sprocket Diameter liminate or Control Condition lean and Protect Drive ollow Proper Handling Procedur ceinstall, Replace, Repair Flange emount Bushing and Sprocket hange Sprocket Material se Inside Idler	heck Horsepower Rating heck Belt/Sprocket Compatibilit eplace Sprocket se Correct Sprocket Diameter liminate or Control Condition lean and Protect Drive ollow Proper Handling Procedur einstall, Replace, Repair Flange emount Bushing and Sprocket hange Sprocket Material	heck Horsepower Rating heck Belt/Sprocket Compatibilit eplace Sprocket Se Correct Sprocket Diameter liminate or Control Condition lean and Protect Drive ollow Proper Handling Procedur ceinstall, Replace, Repair Flange emount Bushing and Sprocket
djust Tension Lheck Horsepower Rating Lheck Belt/Sprocket Compatibilit eplace Sprocket Se Correct Sprocket Diameter liminate or Control Condition Ilean and Protect Drive ollow Proper Handling Procedur einstall, Replace, Repair Flange emount Bushing and Sprocket hange Sprocket Material se Inside Idler	djust Tension Lheck Horsepower Rating Lheck Belt/Sprocket Compatibilit eplace Sprocket Se Correct Sprocket Diameter liminate or Control Condition lean and Protect Drive ollow Proper Handling Procedur cinstall, Replace, Repair Flange emount Bushing and Sprocket hange Sprocket Material	djust Tension heck Horsepower Rating heck Belt/Sprocket Compatibilit eplace Sprocket ise Correct Sprocket Diameter liminate or Control Condition lean and Protect Drive ollow Proper Handling Procedur cinstall, Replace, Repair Flange emount Bushing and Sprocket
Check Alignment Adjust Tension Check Horsepower Rating Check Belt/Sprocket Compatibilit Replace Sprocket Use Correct Sprocket Diameter Eliminate or Control Condition Clean and Protect Drive Follow Proper Handling Procedur Reinstall, Replace, Repair Flange Remount Bushing and Sprocket Change Sprocket Material Use Inside Idler	Check Alignment Idjust Tension Check Horsepower Rating Check Belt/Sprocket Compatibilit Replace Sprocket See Correct Sprocket Diameter Sliminate or Control Condition Clan and Protect Drive Collow Proper Handling Procedur Ceinstall, Replace, Repair Flange Remount Bushing and Sprocket Change Sprocket Material	Check Alignment Idjust Tension Check Horsepower Rating Check Belt/Sprocket Compatibilit Replace Sprocket See Correct Sprocket Diameter Climinate or Control Condition Clean and Protect Drive Collow Proper Handling Procedur Reinstall, Replace, Repair Flange Remount Bushing and Sprocket

CORRECTIVE ACTION

ing Procedure

		Check /	Adjust	Check I	Check I	Replace	Use Cor	Elimina	Clean a	Follow	Reinstal	Remoun	Change	Use Ins	Redesig	
TYPE OF FAILURE		ರ		PΥ	Adj	С _Р	Ch	Re	Use	Eli	Cle	윤	Rei	Rei	Ch	C
Excessive Edge Wear	Misalignment or Improper Tracking	•														
	Bent or Rough Flange										•					
	Damage Due to Handling									•						
	Belt Too Wide				•											
	Low Belt Tension		•													
	Belt Hitting Obstruction								•							
Excessive Tooth Wear	Excessive Load			•												
	Belt Overtensioned/Undertensioned		•													
	Rough or Damaged Sprocket					•										
	Partial Belt Engagement	•														
	Bushing/Sprocket Assembly											•				
	Misalignment	•														
	Incorrect Match of Belt and Sprocket				•											
	Worn Sprocket					•										
	Sprocket Out of Tolerance					•										
	Soft Sprocket Material												•			
	Debris in Sprocket								•							
Apparent Belt Stretch	Change in Center Distance		•													
	Center Distance Fluctuates														•	
	Weak Drive Structure or Mounts														•	
	Worn Sprocket					•										
	Debris in Sprocket								•							
	Excessive Load			•												
	Sprocket Diameter below Minimum															
	Recommendation															
	Excessive Low or High Temperature															
	(-30°F to +170°F)															
	Exposure to Oil, Solvents,															
	Harsh Chemicals															
Cracks in Backing	Excessive Low or High Temperature							•								
	Sprocket Diameter below Minimum	1														
	Recommendation															
	Backside Idler													•		
	Exposure to Oil, Solvents,															
	Harsh Chemicals															