



















HINT:

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.









Front Differential System (for Standard)

Symptom	Suspected Area	Link
Noise in front differential	Oil level (Low or wrong grade)	
	Ring gear or driver pinion (Worn or chipped)	
	Backlash adjustment (Defective)	
	Preload adjustment (Defective)	
	Tooth contact between ring gear and drive pinion (Defective)	
	Bearing (Worn)	
Oil leak from front differential	Oil level (Too high or wrong grade)	
	Front differential carrier oil seal (Worn or damaged)	
	Companion flange (Loose or damaged)	

Rear Differential System (for Standard)

Symptom	Suspected Area	Link
Noise in rear differential	Oil level (Low or wrong grade)	
	Ring gear or driver pinion (Worn or chipped)	
	Backlash adjustment (Defective)	
	Preload adjustment (Defective)	
	Tooth contact between ring gear and drive pinion (Defective)	
	Bearing (Worn)	
Oil leak from rear differential	Oil level (Too high or wrong grade)	
	Rear differential carrier oil seal (Worn or damaged)	
	Companion flange (Loose or damaged)	

Rear Differential System (for LSD)

Symptom	Suspected Area	Link
Noise in rear differential	Oil level (Low or wrong grade)	
	Ring gear or driver pinion (Worn or chipped)	
	Backlash adjustment (Defective)	
	Preload adjustment (Defective)	
	Tooth contact between ring gear and drive pinion (Defective)	
	Bearing (Worn)	
Oil leak from rear differential	Oil level (Too high or wrong grade)	
	Rear differential carrier oil seal (Worn or damaged)	
	Companion flange (Loose or damaged)	