

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

SA04S-03

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Symptom	Suspect Area	See page
Bottoming	1. Vehicle (Overloaded) 2. Spring (Weak) 3. Shock absorber (Worn out)	- SA-51 SA-123 SA-51 SA-123
Sways/pitches	1. Tires (Worn or improperly inflated) 2. Stabilizer bar (Bent or broken) 3. Shock absorber (Worn out)	SA-4 SA-76 SA-134 SA-51 SA-123
Front wheel shimmy	1. Tires (Worn or improperly inflated) 2. Wheels (Out of balance) 3. Shock absorber (Worn out) 4. Wheel alignment (Incorrect) 5. Ball joints (Worn) 6. Hub bearings (Loosen or worn) 7. Steering linkage (Loosen or worn) 8. Steering gear (Out of adjustment or broken)	SA-4 SA-4 SA-51 SA-123 SA-5 SA-69 SA-71 SA-9 - -
Abnormal tire wear	1. Tires (Improperly inflated) 2. Wheels alignment (Incorrect) 3. Shock absorber (Worn out) 4. Suspension parts (Worn out)	SA-4 SA-5 SA-51 SA-123 -
Noise in front axle	1. Oil level (Low or wrong grade) 2. Excessive backlash between pinion and ring gear 3. Ring, pinion or side gears (Worn or chipped) 4. Pinion shaft bearing (Worn) 5. Side bearing (Worn) 6. Differential bearing (Loosen or worn)	SA-24 SA-30 SA-27 SA-27 SA-27 SA-27
Oil leak from front differential	1. Oil level (Too high or wrong grade) 2. Drive pinion oil seal (Worn or damaged) 3. Side gear oil seal (Worn or damaged) 4. Companion flange (Loose or damaged) 5. Side gear shaft (Damaged)	SA-24 SA-24 SA-27 SA-30 SA-27
Oil leak from pinion shaft	1. Oil level (Too high or wrong grade) 2. Oil seal (Worn or damaged) 3. Companion flange (Loose or damaged)	SA-24 SA-24 SA-30
Noise in rear axle	1. Oil level (Low or wrong grade) 2. Excessive backlash between pinion and ring gear 3. Ring, pinion or side gears (Worn or chipped) 4. Pinion shaft bearing (Worn) 5. Axle shaft bearing (Worn) 6. Differential bearing (Loosen or worn)	SA-88 SA-96 SA-91 SA-91 SA-81 SA-96

Oil leak from rear axle	1. Oil seal (Worn or damaged)	SA-88
	2. Rear axle housing (Cracked)	SA-96
Oil leak from pinion shaft	1. Oil level (Too high or wrong grade)	SA-88
	2. Oil seal (Worn or damaged)	SA-88
	3. Companion flange (Loose or damaged)	SA-96