

SUSPENSION AND AXLE

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page	
			Front	Rear
Wanders/pulls	Tire worn or improperly inflated Alignment incorrect Front or rear suspension parts loose or broken Steering linkage loosen or worn Steering gear out of adjustment or broken	Replace tire or inflate tires to proper pressure Check front wheel alignment Tighten or replace suspension parts Tighten or replace steering linkage Adjust or repair steering gear	A-3 SA-3 SA-47 SR-42 SR-32	A-3 SA-87
Bottoming	Vehicle overloaded Shock absorber worn out Spring weak	Check loading Replace shock absorber Replace spring	SA-47 SA-47	SA-87 SA-87
Stay/pitches	Tires improperly inflated Stabilizer bar bent or broken Shock absorber worn out	Inflated tires to proper pressure Inspect stabilizer bar Replace shock absorber	A-3 SA-47 SA-47	A-3 SA-87 SA-87
Front wheel shimmy	Tires worn or improperly inflated Wheels out of balance Shock absorber worn out Wheel alignment incorrect Hub bearings worn Steering gear out of adjustment or broken	Replace tire or inflate tires to proper pressure Balance wheels Replace shock absorber Check front wheel alignment Replace hub bearings Adjust or repair steering gear	 SA-47 SA-3 SA-6 SR-32	
Abnormal tire wear	Tires improperly inflated Shock absorbers worn out Wheel alignment incorrect Suspension parts worn	Inflated tire to proper pressure Replace shock absorber Check wheel alignment Replace suspension parts	A-3 SA-47 SA-3 SA-47	A-3 SA-87 SA-3 SA-87
Oil leak from axle	Oil seals worn or damaged Bearing retainer loose Axle housing cracked	Replace oil seal Replace retainer Repair as necessary	SA-14	SA-58 SA-58
Oil leak from pinion shaft	Oil level too high or wrong grade Oil seal worn or damaged Companion flange loose or damaged	Drain and replace oil Replace oil seal Tighten or replace bearings	SA-27 SA-23 SA-27	SA-70 SA-64 SA-70
Noise in axle	Oil level low or wrong grade Excessive backlash between pinion and ring or side gear Ring, pinion or side gears worn or chipped Pinion shaft bearing worn Axle shaft bearing worn Differential bearing loose worn	Drain and replace oil Check backlash Inspect gears Replace bearing Replace bearing Tighten or replace bearings	SA-27 SA-30 SA-30 SA-30 SA-14 SA-30	SA-70 SA-71 SA-71 SA-71 SA-58 SA-71