

# TROUBLESHOOTING

SA01L-03

## PROBLEM SYMPTOMS TABLE

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
Wander/pulls	<ol style="list-style-type: none"> <li>1. Tire (Worn or improperly inflated)</li> <li>2. Wheel alignment (Incorrect)</li> <li>3. Steering linkage (Loosen or worn)</li> <li>4. Hub bearing (Worn)</li> <li>5. Steering gear (Out of adjustment or broken)</li> <li>6. Suspension parts (Worn)</li> </ol>	<p>SA-3 SA-5 SA-9 - SA-10 SA-52 SR-32 -</p>
Bottoming	<ol style="list-style-type: none"> <li>1. Vehicle (Overloaded)</li> <li>2. Shock absorber (Worn)</li> </ol>	<p>- SA-24 SA-100</p>
Sways/pitches	<ol style="list-style-type: none"> <li>1. Tire (Worn or improperly inflated)</li> <li>2. Stabilizer bar (Bent or broken)</li> <li>3. Shock absorber (Worn)</li> </ol>	<p>SA-3 SA-45 SA-110 SA-24 SA-100</p>
Front wheel shimmy	<ol style="list-style-type: none"> <li>1. Tire (Worn or improperly inflated)</li> <li>2. Wheel (Out of balance)</li> <li>3. Shock absorber (Worn)</li> <li>4. Wheel alignment (Incorrect)</li> <li>5. Ball joint (Worn)</li> <li>6. Hub bearing (Worn)</li> <li>7. Steering linkage (Loosen or worn)</li> <li>8. Steering gear (Out of adjustment or broken)</li> </ol>	<p>SA-3 SA-3 SA-24 SA-5 SA-33 SA-43 SA-10 - SR-32</p>
Abnormal tire wear	<ol style="list-style-type: none"> <li>1. Tire (Improperly inflated)</li> <li>2. Wheel alignment (Incorrect)</li> <li>3. Shock absorber (Worn out)</li> <li>4. Suspension parts (Worn out)</li> </ol>	<p>SA-3 SA-5 SA-9 SA-24 SA-100 -</p>
Noise in rear differential	<ol style="list-style-type: none"> <li>1. Oil level (Low or wrong grade)</li> <li>2. Excessive backlash between pinion and ring gear</li> <li>3. Ring, pinion or side gears (Worn or chipped)</li> <li>4. Pinion shaft bearing (Worn)</li> <li>5. Side bearing (Worn)</li> </ol>	<p>SA-71 SA-83 SA-73 SA-73 SA-73</p>
Oil leak from rear differential	<ol style="list-style-type: none"> <li>1. Oil level (Too high or wrong grade)</li> <li>2. Drive pinion oil seal (Worn or damaged)</li> <li>3. Side gear oil seal (Worn or damaged)</li> <li>4. Companion flange (Loose or damaged)</li> <li>5. Side gear shaft (Damaged)</li> </ol>	<p>SA-71 SA-73 SA-70 SA-73 SA-70</p>