

TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

SAOR1-07

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) | - SA-19 SA-109 SA-23 SA-114 |
| Sways/pitches | 1. Tire (Worn or improperly inflated) 2. Stabilizer bar (Bent or broken) 3. Shock absorber (Worn) | SA-3 SA-44 SA-130 SA-23 SA-114 |
| Front wheel shimmy | 1. Tire (Worn or improperly inflated) 2. Wheel (Out of balance) 3. Shock absorber (Worn) 4. Wheel alignment (Incorrect) 5. Ball joint (Worn) 6. Hub bearing (Loose or worn) 7. Steering linkage (Loose or worn) 8. Steering gear (Out of adjustment or broken) | SA-3 SA-3 SA-23 SA-5 SA-31 SA-39 SA-42 SA-12 - SR-46 |
| Abnormal tire wear | 1. Tire (Improperly inflated) 2. Wheel alignment (Incorrect) 3. Shock absorber (Worn) 4. Suspension parts (Worn) | SA-3 SA-5 SA-9 SA-23 SA-114 - |
| Noise in rear differential | 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. Side bearing (Worn) | SA-69 SA-76 SA-76 SA-76 |
| Oil leak from rear 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-69 SA-67 SA-72 SA-81 SA-76 |