

# Suspension

## SUSPENSION TROUBLE SHOOTING

**NOTE**— This is a general trouble shooting guide. When using this guide, locate the condition in column one that corresponds to your problem and determine the possible causes in column two. Match the number of possible cause with the same number in column three, and you will have the suggested correction.

CONDITION	POSSIBLE CAUSE	CORRECTION
▶ Hard Steering	<ol style="list-style-type: none"> <li>1) Tire pressure too low</li> <li>2) Front wheels out of alignment</li> <li>3) Lower control arm ball joint seized</li> </ol>	<ol style="list-style-type: none"> <li>1) Check manufacturers recommended pressure and set to specifications</li> <li>2) Check alignment and set to specifications or replace parts</li> <li>3) Check specifications set or replace parts</li> </ol>
▶ Pulls to one side	<ol style="list-style-type: none"> <li>1) Crossmember broken, cracked or loose</li> <li>2) Left and right side wheel base uneven</li> <li>3) Loose or excessively worn wheel bearings</li> <li>4) Loose wheel lug nuts</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace crossmember</li> <li>2) Check frame and repair</li> <li>3) Adjust wheel bearings or replace</li> <li>4) Tighten lug nuts</li> </ol>
▶ Steering wheel wander	<ol style="list-style-type: none"> <li>1) Excessive ball joint wear</li> <li>2) Lower control arm and strut</li> <li>3) Lower control arm pivot bolt (shaft) loose or sloppy</li> <li>4) Lower control arm and strut damaged or worn</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace ball joint or adjust if possible</li> <li>2) Replace defective component bar(s) damaged</li> <li>3) Tighten or replace parts</li> <li>4) Inspect bushings and replace as required</li> </ol>
▶ Body roll	<ol style="list-style-type: none"> <li>1) Stabilizer broken or damaged</li> <li>2) Shock absorbers worn out</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace parts</li> <li>2) Check and replace</li> </ol>
▶ Noise	<ol style="list-style-type: none"> <li>1) Coil spring broken</li> <li>2) Bad shock absorber</li> <li>3) Insufficient lubrication</li> <li>4) Components loose or excessively worn</li> <li>5) Damaged wheel bearing</li> <li>6) Improper tire pressure</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace, may be matched set</li> <li>2) Check operation and replace</li> <li>3) Grease fittings</li> <li>4) Tighten or replace</li> <li>5) Adjust or replace wheel bearings</li> <li>6) Check inflation</li> </ol>
▶ Steering hard to control	<ol style="list-style-type: none"> <li>1) Broken front coil spring</li> <li>2) Defective shock absorber</li> <li>3) Loose control arm bushings</li> <li>4) Strut assembly loose</li> <li>5) Tire pressure</li> <li>6) Wheel alignment out of tolerance</li> <li>7) Damaged suspension links</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace coil spring</li> <li>2) Replace shock absorber</li> <li>3) Replace bushings</li> <li>4) Tighten or replace assembly</li> <li>5) Check and set to specifications</li> <li>6) Check and adjust or replace components</li> <li>7) Replace parts</li> </ol>