

# Wheel Alignment

## WHEEL ALIGNMENT 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. Then determine the **POSSIBLE CAUSE** in column two. Match the number of the **POSSIBLE CAUSE** with the same number in column three, and you will have the suggested **CORRECTION**.

CONDITION	POSSIBLE CAUSE	CORRECTION
Tire wear.	<ol style="list-style-type: none"> <li>1) Tire pressure too low.</li> <li>2) Wheel alignment out of tolerance.</li> <li>3) Excessively worn wheel bearings.</li> <li>4) Improper or no tire rotation.</li> </ol>	<ol style="list-style-type: none"> <li>1) Check manufacturer's recommended pressure and set to specifications.</li> <li>2) Check alignment and set to specifications or replace components.</li> <li>3) Check, adjust or replace bearings.</li> <li>4) Follow manufacturer's recommended procedures. Do either 4 or 5 wheel rotation.</li> </ol>
Grating tire noise.	<ol style="list-style-type: none"> <li>1) Improper tire pressure.</li> <li>2) Wheel alignment out of tolerance.</li> <li>3) Damaged or defective spindle or suspension components.</li> </ol>	<ol style="list-style-type: none"> <li>1) Check manufacturer's recommended pressure and set to specifications.</li> <li>2) Reset alignment or replace necessary suspension components.</li> <li>3) Inspect and replace components.</li> </ol>
Uneven tire wear.	<ol style="list-style-type: none"> <li>1) Uneven tire pressure.</li> <li>2) Tire pressure too low (shoulders on tire worn).</li> <li>3) Tire pressure too high (center of tread worn).</li> <li>4) Bent rotor on wheel.</li> <li>5) One side of front tread worn.</li> <li>6) Inside of tread worn.</li> <li>7) Outside of tread worn.</li> <li>8) Excessive wheel bearing play.</li> <li>9) Brake operation on only one side.</li> </ol>	<ol style="list-style-type: none"> <li>1) Check manufacturer's recommended pressure and inflate to specifications.</li> <li>2) See correction No. 1.</li> <li>3) See correction No. 1.</li> <li>4) Check and replace part.</li> <li>5) Inadequate camber.</li> <li>6) Inadequate toe-in.</li> <li>7) Excessive toe-in.</li> <li>8) Inspect and adjust bearings.</li> <li>9) Check and adjust brakes.</li> </ol>
Road noise.	<ol style="list-style-type: none"> <li>1) Abnormal tire wear.</li> <li>2) Tire out of balance.</li> <li>3) Tire pressure too low.</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace tire.</li> <li>2) Rebalance tire.</li> <li>3) Check manufacturer's recommended pressure and set to specifications.</li> </ol>