

# 11-4 TROUBLESHOOTING

Condition	Section/Item Number
<b>SECTION 2. DRIVE TRAIN (continued)</b>	
<b>Rear Wheel Drive Vehicles</b>	
Front or rear wheel makes a clicking noise	2-G, 5
Rear wheel shudders or vibrates	2-G, 6
<b>H. Other Drive Train Conditions</b>	
Burning odor from center of vehicle when accelerating	2-H, 1; 2-C, 1; 3-A, 9
Engine accelerates, but vehicle does not gain speed	2-H, 2; 2-C, 1; 3-A, 9
<b>SECTION 3. BRAKE SYSTEM</b>	
Brakes pedal pulsates or shimmies when pressed	3-A, 1
Brakes make a squealing noise	3-A, 2
Brakes make a grinding noise	3-A, 3
Vehicle pulls to one side during braking	3-A, 4
Brake pedal feels spongy or has excessive brake pedal travel	3-A, 5
Brake pedal feel is firm, but brakes lack sufficient stopping power or fade	3-A, 6
Vehicle has excessive front end dive or locks rear brakes too easily	3-A, 7
Brake pedal goes to floor when pressed and will not pump up	3-A, 8
Brakes make a burning odor	3-A, 9
<b>SECTION 4. WHEELS, TIRES, STEERING AND SUSPENSION</b>	
<b>A. Wheels and Wheel Bearings</b>	
<b>All Wheel and Four Wheel Drive Vehicles</b>	
Front wheel or wheel bearing loose	4-A, 1
Rear wheel or wheel bearing loose	4-A, 2
<b>Front Wheel Drive Vehicles</b>	
Front wheel or wheel bearing loose	4-A, 1
Rear wheel or wheel bearing loose	4-A, 2
<b>Rear Wheel Drive Vehicles</b>	
Front wheel or wheel bearing loose	4-A, 1
Rear wheel or wheel bearing loose	4-A, 2
<b>B. Tires</b>	
Tires worn on inside tread	4-B, 1
Tires worn on outside tread	4-B, 2
Tires worn unevenly	4-B, 3
<b>C. Steering</b>	
Excessive play in steering wheel	4-C, 1
Steering wheel shakes at cruising speeds	4-C, 2
Steering wheel shakes when braking	3-A, 1
Steering wheel becomes stiff when turned	4-C, 4
<b>D. Suspension</b>	
Vehicle pulls to one side	4-D, 1
Vehicle is very bouncy over bumps	4-D, 2
Vehicle seems to lean excessively in turns	4-D, 3
Vehicle ride quality seems excessively harsh	4-D, 4
Vehicle seems low or leans to one side	4-D, 5