

# Your Ultimate Source for OEM Repair Manuals

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## **2008 CHEVROLET Matiz / Spark (M200) OEM Service and Repair Workshop Manual**

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## YOUR CURRENT VEHICLE

# Body Leans or Sways in Corners

## Body Leans or Sways in Corners

### Body Leans or Sways in Corners

Step	Action	Yes	No
1	Did you review the General Description and perform the necessary inspections?	Go to <a href="#">Step 2</a>	Go to <a href="#">Symptoms - Suspension General Diagnosis</a>
2	Verify the vehicle leans or sways in corners. Does the vehicle operate normally?	System OK	Go to <a href="#">Step 3</a>
3	Inspect the following components for wear or damage: <ul style="list-style-type: none"> <li>Rear Coil Springs</li> <li>Front Coil Springs</li> </ul> Are the components worn or damaged?	Go to <a href="#">Step 5</a>	Go to <a href="#">Step 4</a>
4	1. Inspect the stabilizer shaft link for wear or damage. 2. Repair as necessary. Did you find and correct the condition?	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 2</a>
5	Replace the springs as necessary. Did you complete the repair?	Go to <a href="#">Step 6</a>	—
6	Operate the vehicle in order to verify the repair. Did you correct the condition?	System OK	Go to <a href="#">Step 3</a>

Step	Action	Yes	No
	<p>2. Road test the vehicle in order to verify the customer complaint.</p> <p>Does the vehicle still exhibit memory steer?</p>		
6	<p>1. Raise and support the vehicle. Refer to <a href="#">Vehicle Certification, Tire Placard, Anti-Theft, and Service Parts ID Label</a>.</p> <p>2. Disconnect both of the outer tie rod ends from the steering knuckles. Refer to <a href="#">Steering Linkage Outer Tie Rod Replacement</a>.</p> <p>3. Use your hands in order to move the tie rod ends.</p> <p>Are either of the tie rod ends abnormally difficult to move?</p>	Go to <a href="#">Step 7</a>	Go to <a href="#">Step 8</a>
7	<p>Replace the outer tie rod end(s) as necessary. Refer to <a href="#">Steering Linkage Outer Tie Rod Replacement</a>.</p> <p>Did you complete the repair?</p>	Go to <a href="#">Step 14</a>	—
8	<p>1. Remove the tire/wheel.</p> <p>2. Disconnect the lower control arm from the steering knuckle.</p> <p>3. Use your hands to rotate the ball joint stud.</p> <p>Is the ball joint abnormally difficult to rotate?</p>	Go to <a href="#">Step 9</a>	Go to <a href="#">Step 10</a>
9	<p>Replace the lower control arm. Refer to <a href="#">Lower Control Arm Replacement</a>.</p> <p>Did you complete the repair?</p>	Go to <a href="#">Step 14</a>	—
10	<p>1. Raise and support the vehicle. Refer to <a href="#">Vehicle Certification, Tire Placard, Anti-Theft, and Service Parts ID Label</a>.</p> <p>2. Rotate the steering wheel ONE revolution in either direction.</p> <p>3. Rotate the steering wheel back to the original position.</p> <p>Was the steering wheel abnormally difficult to rotate in either direction?</p>	Go to <a href="#">Step 11</a>	Go to <a href="#">Step 14</a>

## YOUR CURRENT VEHICLE

# Ride Diagnosis

## Ride Diagnosis

### Ride Diagnosis

Step	Action	Yes	No
1	Did you review the General Description and perform the necessary inspections?	Go to <a href="#">Step 2</a>	Go to <a href="#">Symptoms - Suspension General Diagnosis</a>
2	<div>NOTE</div> <p><b>Important</b> Verify the vehicle suspension package RPO.</p> <p>Verify that the ride is too soft or too hard. Does the vehicle ride normally?</p>	System OK	Go to <a href="#">Step 3</a>
3	Check the tire inflation and adjust to specifications. Did you adjust the tire pressure?	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 4</a>
4	Inspect the vehicle trim height. <a href="#">Trim Height Inspection</a> Did you find and correct the condition?	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 5</a>
5	<p>Inspect the following suspension components for wear or damage:</p> <ul style="list-style-type: none"> <li>Shock Absorbers <a href="#">Suspension Strut and Shock Absorber Testing - On Vehicle</a></li> <li>Springs</li> </ul> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 6</a>	—

## YOUR CURRENT VEHICLE

# Suspension Bottoms

## Suspension Bottoms

### Suspension Bottoms

Step	Action	Yes	No
<p>DEFINITION: A loud bang or thump that can usually be felt and/or heard when the vehicle is driven over bumps. This condition is commonly noticed when the vehicle trim height is too low.</p>			
1	Did you review the General Description and perform the necessary inspections?	Go to <a href="#">Step 2</a>	Go to <a href="#">Symptoms - Suspension General Diagnosis</a>
2	Verify that the suspension bottoms. Does the vehicle operate normally?	System OK	Go to <a href="#">Step 3</a>
3	Inspect for vehicle overloading compared to the weight rating on the vehicle certification label and correct the overloading condition as necessary. Did you find and correct the condition?	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 4</a>
4	<p>Inspect the following components:</p> <ul style="list-style-type: none"> <li>Inspect the shock absorbers. <a href="#">Suspension Strut and Shock Absorber Testing - On Vehicle</a></li> <li>Inspect for damaged coil springs, torsion bar or leaf springs and replace as necessary.</li> </ul> <p>Did you find and correct the condition?</p>	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 5</a>
5	Inspect the vehicle trim height. <a href="#">Trim Height Inspection</a> Did you complete the trim height inspection procedure?	Go to <a href="#">Step 6</a>	—