

**Motor Works, Inc. / Diagnostic Worksheet – Brakes and Ride**

Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

Car info: Year \_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_ Automatic/Manual

Have we seen this car before?.....Y/N

When did this problem start? \_\_\_\_\_

How long has the car been doing this? \_\_\_\_\_

Please describe the conditions under which the symptoms are noticed

\_\_\_\_\_

Were there any previous attempts to correct this?..... Y/N

\_\_\_\_\_

Are any unusual lights appearing on the dash?.....describe ..... Y/N

\_\_\_\_\_

Has this vehicle ever been in an accident?.....describe ..... Y/N

\_\_\_\_\_

Any memorable potholes or curbs?.....describe ..... Y/N

\_\_\_\_\_

When driving the car, what does it do?

- Drift or Pulls
  - To the left
  - To the right
  - Erratically
  - All the time
  - Only when braking
  - Steering wheel not straight
- Vibrates or shakes
  - I feel it in the steering wheel
  - I feel it in the seat of my pants
  - Mostly at 5-25 mph
  - Mostly at 25-50 mph
  - Mostly above 55 mph
  - When I apply the brakes

- Noises
  - Squeals on turns
  - Clunk or squeak over bumps
  - Clunk or squeak when braking
  - Crunching or groaning over bumps
  - Rapid clicking when turning tightly
  - Moaning when turning tightly
  - High pitched squeak when backing
  - Metallic rattle from under vehicle
  - Low groan when stopping
  - Squeal when stopping
  - Clicking or clunking when stopping

(continued on reverse side)

- Does this vehicle have a history of rapid tire wear or replacement? Y/N
- Did the feel of the brakes change?...hard / spongy / pedal sinks ..... Y/N
- Does the vehicle have a history of rapid brake wear or replacement? Y/N

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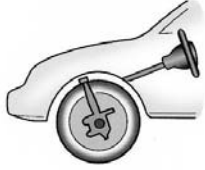
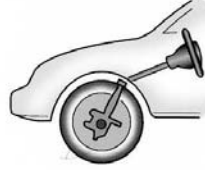
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Signed X

## Tires/Wheel Alignment

				
<b>Wear Indicator</b>	<b>Overinflation</b>	<b>Underinflation</b>	<b>Negative Camber</b>	<b>Positive Camber</b>
				
<b>Camber Wear</b>	<b>Feathered Wear</b> <small>(Excessive Toe In or Out)</small>	<b>Spotty / Chopped Wear</b> <small>(Multiproblem)</small>	<b>Toe In</b>	<b>Toe Out</b>
				
<b>Diagonal Wear / Heel &amp; Toe Wear</b>	<b>Local Wear</b>		<b>Negative Caster</b>	<b>Positive Caster</b>