



## Suspension, Handling, Body Noises, Rattles and Squeaks

### Diagnostic Worksheet

Date:	Name:	Invoice#	
Year:	Make:	Model:	Engine:
Mileage:	V. I. N.		

#### Symptom

- |   |   |
|---|---|
| <input type="checkbox"/> Vehicle pulls right – When _____<br><input type="checkbox"/> Vehicle pulls left – When _____<br><input type="checkbox"/> Steering wheel vibrates at _____ MPH<br><input type="checkbox"/> Excessive play in steering<br><input type="checkbox"/> Erratic steering when braking<br><input type="checkbox"/> Poor steering wheel return after cornering<br>Hard to steer | <input type="checkbox"/> suspension bottoms out<br><input type="checkbox"/> Leans or sways in corners<br><input type="checkbox"/> Brake light on<br><input type="checkbox"/> Traction control light on<br><input type="checkbox"/> uneven tire wear<br><input type="checkbox"/> Sits uneven<br><input type="checkbox"/> "Dog" tracks<br><input type="checkbox"/> ABS light on<br><input type="checkbox"/> Soft ride |
|---|---|

**Shimmy/vibration check box below for location**

- |  |                                  |                                |                                |                                     |
|--|----------------------------------|--------------------------------|--------------------------------|-------------------------------------|
| <input type="checkbox"/> Effort                    | <input type="checkbox"/> Wanders | <input type="checkbox"/> Front | <input type="checkbox"/> Rear  | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Steering wheel off center |                                  | <input type="checkbox"/> Seat  | <input type="checkbox"/> Floor | <input type="checkbox"/> Other      |

#### When does it occur?

- |  |  |                                       |                                       |                                       |
|--|--|---------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> Cold days         | <input type="checkbox"/> Hot days      | <input type="checkbox"/> Wet / rain   | <input type="checkbox"/> All the time | <input type="checkbox"/> Intermittent |
| <input type="checkbox"/> Parking maneuvers | <input type="checkbox"/> At road speed | <input type="checkbox"/> Accelerating | <input type="checkbox"/> Decelerating |                                       |

EXPLAIN:

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#### Area of Noise

- |  |                                  |                                 |                                 |                                     |
|--|----------------------------------|---------------------------------|---------------------------------|-------------------------------------|
| <input type="checkbox"/> Engine compartment    | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Front suspension      | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Rear suspension       | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Passenger compartment | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Instrument Panel      | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Doors                 | <input type="checkbox"/> Left    | <input type="checkbox"/> Right  | <input type="checkbox"/> Center | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Rear seat area        | <input type="checkbox"/> Console | <input type="checkbox"/> Other: | _____                           |                                     |

**Noise Sounds Like**

- Knocks     Hard metal     Light metal     Roars     Ticking     Whine
- Squeak     Rattles     Scraping     Other

**How often does it occur?**

- Continuous     Often     Intermittent     Just started     Since new

**When does it occur?**

- All the time     Hard throttle     Hot days     Heavy bumps
- Speed     Light throttle     Cold days     Light bumps
- RPM     Decelerate     Humid or rainy     Smooth pavement
- Only moving     Steady speed     Temperature
- On turns     Idle in gear
- Braking     Idle out of gear

EXPLAIN:

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