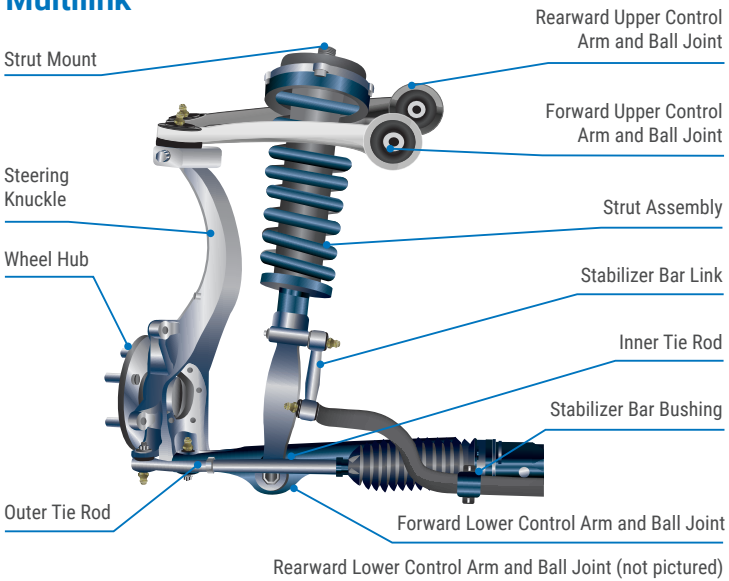
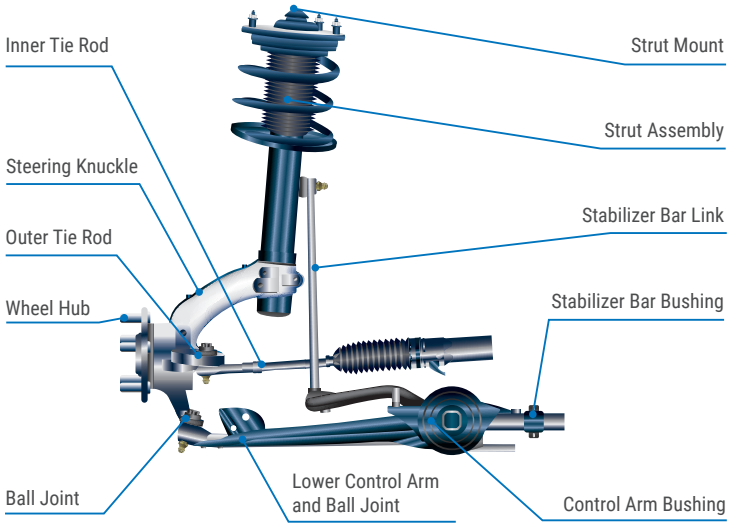
WHAT YOU NEED TO KNOW:
STEERING, SUSPENSION AND WHEEL END DIAGNOSTIC TIPS

Cars, CUVs & Minivans

Multilink



MacPherson



Routine inspection can prevent major repairs.
Here are some common issues and what to look for:

Front End Looseness
- Upper and Lower Ball Joints
- Control Arm Bushings
- Inner and Outer Tie Rods
- Wheel Bearing
- Wheel Hub
- CV Shaft

Front End Knock
- Upper and Lower Ball Joints
- Control Arm Bushings
- Inner and Outer Tie Rods
- Stabilizer Bar Links
- Stabilizer Bar Bushings
- Strut Assembly
- Wheel Bearing
- Wheel Hub
- CV Shaft

Steering Wheel Looseness & Vibration
- Upper and Lower Ball Joints
- Control Arm Bushings
- Inner and Outer Tie Rods
- Stabilizer Bar Links
- Stabilizer Bar Bushings
- Strut Assembly
- Wheel Bearing
- Wheel Hub
- CV Shaft

Vehicle Pulls to Left or Right
- Upper and Lower Ball Joints
- Control Arm Bushings
- Outer Tie Rods
- Strut Mount
- Steering Rack
- Incorrect Tire Inflation
- Uneven Tire Wear
- Check Alignment

Body Roll when Turning
- Stabilizer Bar Links
- Stabilizer Bar Bushings

Excessive Bounce
- Strut Assembly

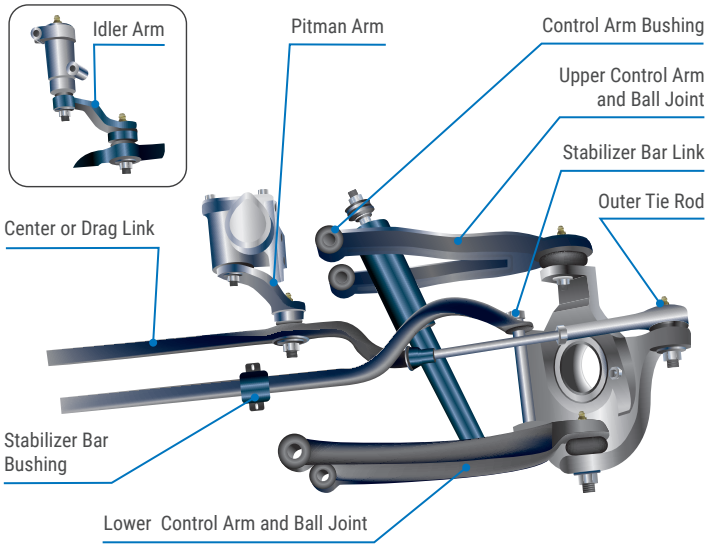
Uneven and Premature Tire Wear
- Upper and Lower Ball Joints
- Control Arm Bushings
- Inner and Outer Tie Rods
- Strut Assembly
- Incorrect Tire Inflation
- Check Alignment

ABS Light or Rumble Sound
- Wheel Bearings
- Wheel Hubs

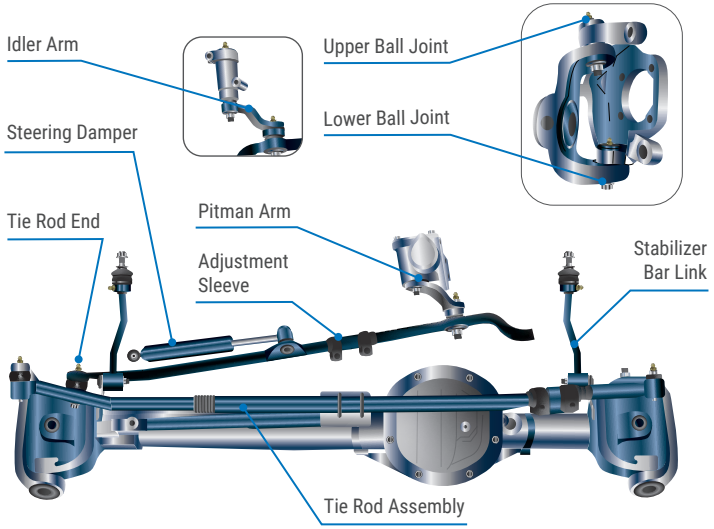
WHAT YOU NEED TO KNOW:
STEERING, SUSPENSION AND WHEEL END DIAGNOSTIC TIPS

Trucks & Full-Size SUVs

Double Wishbone



Solid Axle



Routine inspection can prevent major repairs. Here are some common issues and what to look for:

Front End Looseness
- Upper and Lower Ball Joints
- Track Bar Ball Joint
- Control Arm Bushings
- Outer Tie Rods
- Center/Drag Link
- Idler/Pitman Arm

Front End Knock
- Upper and Lower Ball Joints
- Track Bar Ball Joint
- Control Arm Bushings
- Inner and Outer Tie Rods
- Center/Drag Link
- Idler/Pitman Arm
- Stabilizer Bar Links
- Stabilizer Bar Bushings
- Strut Assembly/Shocks

Steering Wheel Looseness & Vibration
- Upper and Lower Ball Joints
- Track Bar Ball Joint
- Control Arm Bushings
- Inner and Outer Tie Rods
- Center/Drag Link
- Idler/Pitman Arm
- Steering Stabilizer

Vehicle Pulls to Left or Right
- Upper and Lower Ball Joints
- Track Bar Ball Joint
- Control Arm Bushings
- Inner and Outer Tie Rods
- Center/Drag Link
- Idler/Pitman Arm
- Steering Damper
- Uneven Tire Wear
- Incorrect Tire Inflation
- Check Alignment

Body Roll when Turning
- Stabilizer Bar Links
- Stabilizer Bar Bushings

Excessive Bounce
- Strut Assembly/Shocks

Uneven and Premature Tire Wear
- Upper and Lower Ball Joints
- Track Bar Ball Joint
- Control Arm Bushings
- Inner and Outer Tie Rods
- Center/Drag Link
- Idler/Pitman Arm
- Steering Stabilizer
- Incorrect Tire Inflation
- Check Alignment

ABS Light or Rumble Sound
- Wheel Bearings
- Wheel Hubs

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