

# Differential Service



## Common Reasons For This Service

- › High Temperatures in System Causes Fluid Breakdown
- › Noise From Gear Box Indicates Lack of Proper Lubrication
- › Frequent Towing
- › Time and Mileage

## The Benefits

- › Reduces Gear Noise
- › Improves Towing Performance
- › Improves Gear Engagement

## Stay Current With Today's Sophisticated Vehicle Technology.

Today's high-torque engines increase the stress and temperature in the drive-train. Coupled with extreme operating temperatures and weather, this can mean depleted drive-train lubricants—to the point of thermal breakdown. Don't fall victim to the varnish and deposits that result from this process! Take the proper precautions to avoid what could be serious pitting and worse yet, corrosion of your vehicle's internal components.



Differential-Fluid Exchange Service

## The Process

The technician begins the Differential Service process by using the specialized equipment necessary to extract old, depleted gear oil and debris from the differential, transaxle, and/or transfer case. A premium long-life gear lubricant is then installed. This lubricant serves to increase protection and performance. Finally, conditioners are added, which help to reduce wear and also maintain proper operation of your vehicle.



BEFORE



AFTER

Pinon Gear

# Quiet-Brake Service



## Common Reasons For This Service

- › Squealing Brakes
- › With New Brake Job
- › With Brake Pad Replacement

## The Benefits

- › Prevents Brake Squeal
- › Quiets Squealing Brakes

## The Situation:

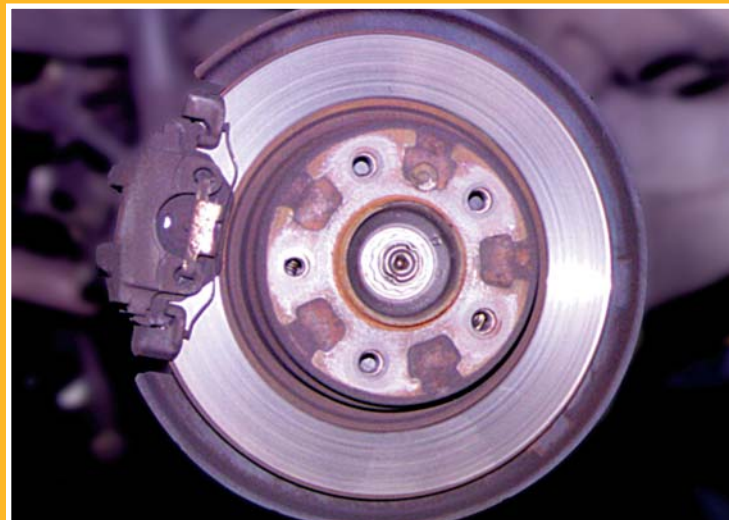
Unfortunately, brake noise is a common side effect due to materials used to manufacture today's brake pads. No one wants to draw attention to themselves with the noise caused by brake drag and squeal. Not only are the vibrations annoying, but the sound is alarming to the driver, passengers, and those who share the road.



The brake surface is prepared prior to coating



Pads are treated with protective coating



The brake assembly is thoroughly inspected for wear and cleaned of all debris

## The Process

If new brake pads are needed, the technician inspects your vehicle's complete brake assembly, including rotors and drums. Dust buildup from all brake parts is then removed. Next, the brake system is given new brake pads prepared with a specially-formulated product that helps prevent squeaks and squeals. Finally, new brake pads are installed, calipers are lubricated and the vehicle is road-tested to ensure proper braking.

If brakes squeak, but are not worn enough to need replacing, the tech inspects the entire brake system for wear and cleans all brake parts. Next, he or she prepares the brake pad surfaces prior to coating, and then treats them with a specially-formulated product that helps prevent squeaks and squeals. The brake pads are then reinstalled, calipers are lubricated, and the vehicle is road-tested to ensure proper braking.