



# DIFFERENTIAL CARE AND BREAK-IN INFORMATION

## NEW GEAR BREAK-IN

All new gear sets require a break-in period to prevent damage from overheating. Any overloading or overheating will cause the gear oil to break down and the ring & pinion will fail. Please follow these guidelines to insure proper break-in.

- After light use for the first 15-20 miles it is best to stop and let the differential cool before proceeding.
- Avoid heavy acceleration during the break-in process.
- Yukon's warranty requires at least 500 miles before towing.
- Yukon also requires towing for very short distances (less than 15 miles) and letting the differential cool before continuing the first 45 towing miles.
- Yukon recommends changing the oil after the first 500 miles. This will remove any metal particles or phosphorus coating that has come from the new gear set.

This may seem unnecessary but it is very easy to damage the differential by loading it before the gear set is completely broken in. The greatest damage results when a new ring & pinion has been run for several miles during the first 500 miles and the oil is very hot.

Any heavy use or overloading during the first 500 miles will cause irreparable damage to the gear set that can be determined by inspection of the gear set and will not be warranted by Yukon Gear & Axle.

## POSITRACTIONS

Positraction chatter is normal for limited slip and positraction differentials. Both rear tires must measure the same height from the ground to the top of the wheel in order for the differential to function properly without premature wear. Limited slip additive or friction modifier for limited slip differentials must be used with the oil to reduce positraction chatter in the event that the oil is changed.

## LOCKERS

Mechanical Locking differentials will bang and clunk during normal operation. Both rear tires must measure the same height from the ground to the top of the wheel in order for a locking differential to function properly.

## GEAR NOISE

Most aftermarket gears are primarily designed for strength and may have some noise. This noise is especially inherent in vans, SUV's and passenger cars.

## PAYMENT TERMS

Payment is expected at purchase unless other terms are arranged. A \$40 handling fee will be added to all NSF checks. Interest is added to all past due accounts at an annual percentage rate of 12%.