Note our **New Address** Everything else remains the same.

**Texas T Parts**
**1820 Gray Stone Drive**
**Bryan, Texas 77807**
(979) 260-5433 1-800-337-6977
www.TexasTParts.com

Differences between

# Sure-Stop Disc Brakes & Rocky Mountain Brakes

There are several differences in the Sure-Stop Disc Brakes and the Rocky Mountain Brakes.

With no accessory brake, the Model T has only a foot brake on a drum in the transmission. If it is adjusted properly it will stop the car rather well. However, since it acts on an early portion the drivetrain if you were ever to encounter a broken axle or a broken driveshaft, the transmission brake would have no effect on stopping the car at all.

The Rocky Mountain Brakes are brake bands on the outside of the two emergency brake drums of the Model T. In either of the above conditions the Rocky Mountain Brakes are effective in stopping the car. They also work well as your regular driving brake as long as the car is rolling forward. The weakness of the Rocky Mountain Brakes comes from several major short comings.

1. Rocky Mountain Brakes do not function very well in stopping the car from rolling backwards. This seems like a minor problem since you normally back up slowly. However, if you stop on a minor incline, the brakes can fail to keep you from rolling backwards. I have seen one Model T on a tour in Austin roll over because the driver could not control the car when it started rolling backward down a hill. There have been other roll overs on National tours for the same reason. Also, I have had an order from customer who almost lost control of his car backing it out of his garage because he had an inclined driveway.

The disc brakes work equally well in forward or reverse.

2. Rocky Mountain Brakes work very poorly when they get wet. While we don't commonly get our cars out of the garage to drive them when it is raining, anyone can be out driving and get caught in a storm. The rocky Mountain Brakes simply do not do the job when wet.

Any Disc Brake continues to work well even if it gets soaked by splashing water.

3. The Rocky Mountain Brakes depend on the strength of a thin flexible band of steel to which the brake band is riveted to tighten the band against the drum. Several Model T drivers, including myself, have experienced the steel band breaking from fatigue after several years of use. When one band breaks, due to the equalizer mechanism used on the Rocky Mountain Brakes, you lose all breaking power because you can no longer tighten the band on either drum.

While any mechanical device can someday fail, the components used in our Sure-Stop Brakes are the same components used in many modern vehicle applications and have been proven to be durable and reliable.

4. One of the other problematic components of a Model T is the mechanical brake light switch. There are two switches available, one original design and one aftermarket, but neither one has proven to be trouble free and reliable. The Sure-Stop Brakes use a standard hydraulic pressure switch that has commonly been used for years is modern vehicles so the reliability of your brake light(s) is improved.

Also, the function of braking the Model T is significantly improved. Instead of having to press hard on the brake pedal and slowly stop, with the Sure-Stop disc brakes you can press moderately on the pedal and slowly stop or press firmer to stop quicker, or press hard and stop fast. Even though you can slide the tires any time you wish to (which we DO NOT recommend), you have more control than you do with a braking system that you must press firmly to stop under all circumstances.

The integrity of the Model T is not compromised in the installation of either the Rocky Mountain Brakes or the Sure-Stop Brakes. Either system can be removed from the car without any sign that it was ever installed.

The only criticism I have heard of the Sure-Stop Brakes is the appearance of the steel disc at the rear wheels but I always point out that the appearance of the Model T is not very good at all if you can't stop it when you need to. We like to keep the drivers and passengers in the Model T looking good too!