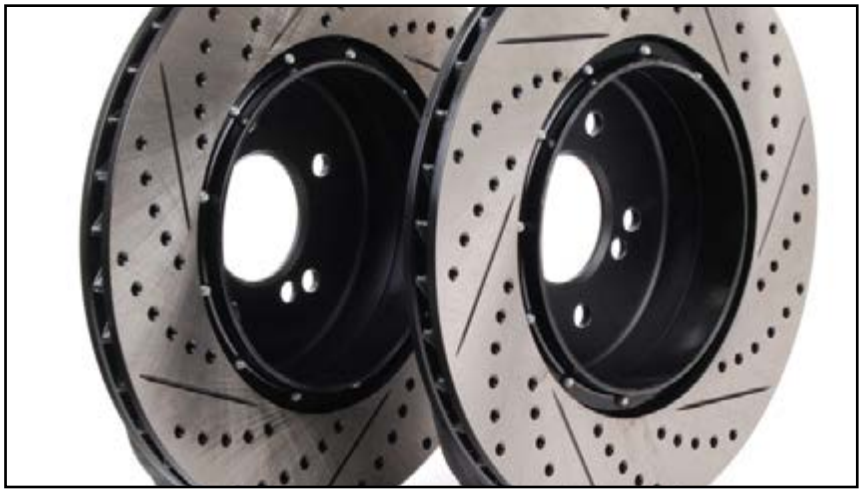
Parking Brake Shoe Bed-In Procedure
ECS Tuning Two-Piece Rotors with Integrated Parking Brake Drums



PARKING BRAKE SHOE BED-IN

Warning

Use extreme caution when performing this procedure. Be aware and courteous toward other drivers. It is best to use an empty stretch of pavement, and remember that when using your parking brake to slow down your brake lights will not operate.

After installing new rear rotors and performing any additional work to your parking brake system, if it seems like your parking brake "holds" ok, it is still very important to perform this procedure. This will ensure that your parking brake is working at 100% of its ability and will hold your vehicle as designed, as well as provide braking ability in an emergency situation. Closely inspect your parking brake shoes and hardware and replace any worn components. Make sure you thoroughly clean the integrated drum surface with brake cleaner before installing.

Theory:

"Bedding in" brake pads or shoes is the process of depositing an *even* layer of brake pad/shoe material, referred to as the "transfer layer", on the contact surface of the rotor or drum. This is critical for brake performance, and achieving an even layer of material is the key. The heating and cooling of the brakes is very important to the proper formation of the transfer layer. Always try to follow specified bed-in procedures as closely as possible.

Step 1:

NOTE Use this procedure when installing new rotors with either new or used brake shoes.

Using only the parking brake, perform 10 light to medium stops from approximately 20 mph to a near (but not complete) stop. Allow about a 550 yard (just over a quarter mile) distance between stops for the brake shoes to cool.

Step 2:

Using only the parking brake, perform 10 medium to heavy stops from approximately 20 mph to a near (but not complete) stop. Allow about a 550 yard (just over a quarter mile) distance between stops for the brake shoes to cool.

Step 3:

Park the vehicle but do not use the parking brake. Allow the brakes to cool completely. The bed-in procedure is now complete.