

## **BRAKE-05, Brakes - Parking Brake Adjustment**

### **Introduction**

There are two separate adjustments for the parking brakes performed at two different locations. The first adjustment is done at the rear wheels (on each side). Behind each wheel on the back of the hub assembly, you'll find a hole. Inside the hole, you'll find a cogged wheel that adjusts a device that spreads the parking brake shoes out against inside of the brake drum (just like every car ever built that uses drum brakes). The rear brake rotor on a 944 (and most other cars with four wheel disc brakes) is a combination of a disc brake with an internal drum for the parking brake. That adjustment is done with the parking brake released to get the parking brake shoes in close proximity to the drum.

The second adjustment is done in the vicinity of the parking brake lever next to the driver's seat. The brake cable that attaches to the lever has an adjuster which can be turned with a wrench to tighten or loosen the cable. Once it's adjusted correctly, there's a locking nut which is tighten to keep the adjuster from moving. All you're really doing with this adjustment is setting the hand lever height at which the parking brake is fully engaged.

### **Tools**

- Screwdriver
- Jack Stands

### **Checking Parking Brake Adjustment**

1. Place the vehicle on jack stands.
2. Raise the parking brake lever two clicks.
3. Attempt to turn the rear wheels by hand.
4. You should be able to turn the wheel but, it will be difficult.
5. If you can turn the wheel easily OR if the wheel can not be turned at all, the parking brake needs adjustment.

### **Adjusting the Parking Brake**

1. Release the parking brake lever and verify that the rear wheel can be turned easily by hand.
2. Insert a screwdriver into the hole in the rear wheel hub and turn the brake adjuster until the rear wheel can not be turned.
3. Next turn the adjuster in the opposite direction until the wheel can be turned easily.
4. Lift the carpet next to the parking brake lever to expose the adjusting nuts on the end of the parking brake cable.

5. Loosen the locknut at the bottom of the adjusting yoke and adjust the two nuts on either side of the adjusting yoke collar until the rear wheel can be barely turned with the parking brake lever raised two clicks.
6. Ensure both adjusting nuts are tightened against the adjusting yoke collar and tighten the locknut against the rear adjusting nut.
7. Replace the carpeting around the parking brake lever.

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