



BRAKES

ENGINEERED SOLUTIONS

Bulletin BES 03-20

Subject: Intermittent scraping noise from rear of vehicle. Redesign of Spring Clips on Parking Brake Shoes provides better support, and reduces noise.

Vehicle Involved:

Cadillac Escalade	2002-2004	Chevrolet Avalanche	2002-2004
Chevrolet C10 Suburban	2002-2003	Chevrolet C20 Suburban	2002-2003
Chevrolet K10 Suburban	2002-2003	Chevrolet K20 Suburban	2002-2003
Chevrolet Silverado	1999-2004	Chevrolet Tahoe	2000-2003
Chevrolet Trailblazer	2002-2003	GMC Envoy	2002-2003

Condition: GM made a running change to the design of the spring clips in the 781 brake shoe sets. We have also made the same change. The new spring clip design has a wider contact area with the parking brake band. (See illustration page 2). This design improvement provides increased support of the brake band, which also reduces noise.

Repair Procedure: Detailed installation instructions are included with the new parking brake shoes. Note: it may be necessary to relieve the tension on the parking brake cables by loosening the nut at the equalizer. When removing the rotor, slowly turn the brake rotor and pull outwards simultaneously, keeping the rotor square to the axle. If the rotor jams during removal, do not force it off. Push the rotor back to its original position and attempt again. Forced removal of the rotor may damage the parking brake hold down spring and shoe. The rotor may not be easily removed because of a rust ridge built up on the outside edge of the drum and hat section of the rotor. After removal of the rotor, clean the rust ridge from the drum section of the rotor by using a grinding stone. The parking brake surface does not have to be resurfaced. Rear brake pulsation cannot be identified with this type of brake system by applying the parking brake while moving. Minimum thickness of the parking brake shoe lining in any given spot is 0.060 inches.

