

Volvo V70 D5 SE - Noisy Handbrake



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The rear brakes on this 2003 V70 had been making a noise for a little while. They were working efficiently, and as the Volvo was an automatic, the owner relied on the parking mechanism in the gearbox, as opposed to the hand brake.

The hand brake on this Volvo is like most Volvo hand brakes, a completely separate mechanism to the foot brake. It uses a pair of dedicated brake shoes within a drum section of the rear discs and has no connection with the brake pads and calliper of the foot brake.

When the motor was placed on the brake meter, it became obvious that there was a problem with the handbrake.

After removing the rear brake calliper and then the brake disc, we could see that the handbrake shoes had broken away from the retaining springs, allowing them to fall outwards and rub against the inside of the disc/drum.

Although slight wear had taken place within the drum, fitting a new pair of retainers to the shoes and cleaning everything up resulted in a more than satisfactory handbrake operation.