



BRAKES

ENGINEERED SOLUTIONS

Bulletin BES 08-05

Subject: Front caliper rattling noise

Vehicle Involved: 1983-90 Volvo 760, 1985-91 740, 1987-90 Volvo 780

Condition: Vehicles equipped with the Girling calipers may experience a rattling noise from the front calipers. Volvo part number 271854-2 kit contains modified guide pins with integral bushings, rubber dust seals and mounting bolts for both wheels, to prevent the noise.

Repair Procedure: Remove the piston housing from caliper retainer. Use a 17mm wrench to hold guide pins while removing bolts. Be sure to hang the caliper housing from a support with wire, to prevent brake hose damage. Remove original pins and dust seals. Clean the guide pin bores with brake cleaner and a wire brush. Dry with compressed air and apply a thin coat of silicon grease to new guide pins and rubber bushings.

Attach dust seals to guide pins. Insert guide pins in caliper retainer. The guide pins differ on left and right hand sides of vehicle.

On the left side of the vehicle Insert the yellow guide pin in the lower left position and the black guide pin in the upper position.

On the right side of the vehicle Insert the yellow guide pin in the upper position, and the black pin in the lower position.

Be sure brake pads move freely in caliper retainer. Apply a thin layer of caliper grease if pads do not slide freely.