



TECHNICAL SERVICE BULLETIN

Group
50 - CHASSIS
Number
97-50-007
Date
12-1997
Model
Accent 1995-1998, Elantra 1992-1998, Excel 1986- 1994, Scoupe 1991-1995, Sonata 1989-1998 and Tiburon 1997-1998

Subject
FRONT BRAKE DISC MACHINING RECOMMENDATIONS



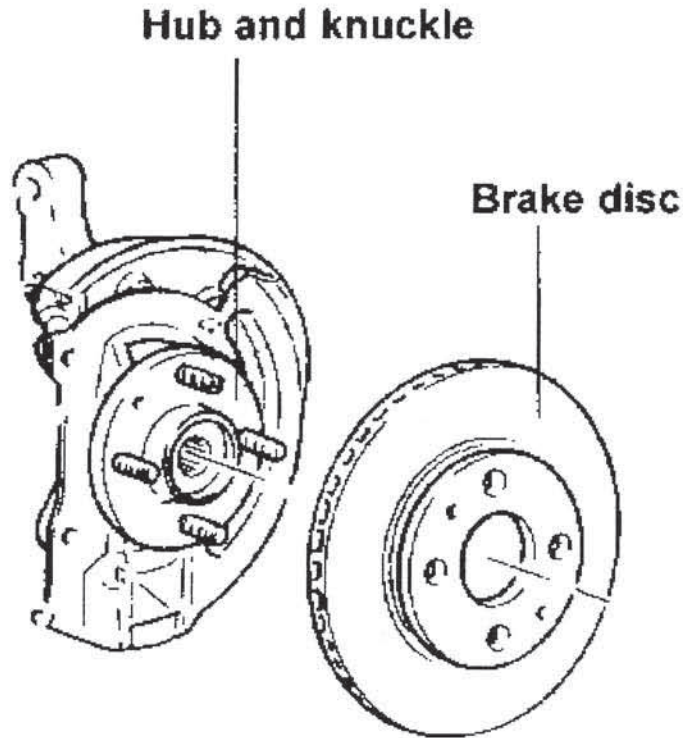
PURPOSE:

This service bulletin provides front brake disc machining recommendations and procedures to reduce the disc thickness variation that may cause brake pedal pulsation.

DESCRIPTION:

Hyundai vehicles use two methods of attaching front brake discs. On Excel, Scoupe, Accent, Elantra and Tiburon models, the disc is attached on the inside of the hub assembly making it less efficient to remove for machining (see illustration below). On Sonata models, the disc is attached on the outside of the hub assembly making it very easy to remove for machining (see illustration below).

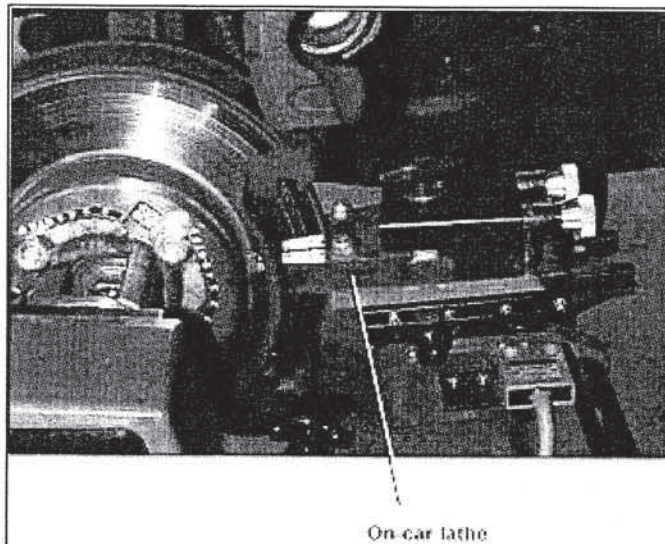
The following Service Procedures contain front brake disc machining recommendations and procedures for both types of disc attachment methods.



"Outside of Hub" Disc (Sonata)

SERVICE PROCEDURE 1 (ALL MODELS):

Machining of brake discs using an "on-car lathe" is recommended for ALL Hyundai models. An "on-car lathe" provides efficiency and accuracy as it machines the disc true to the hub's center of rotation. Use an "on-car lathe" made by PRO-CUT (models CROS 700 or PFM 900) or equivalent, and always follow the lathe manufacturer's instructions for properly machining the brake disc.



OEM RECOMMENDED
PRO-CUT
ESSENTIAL EQUIPMENT

SERVICE PROCEDURE 2:

Service Procedure 2 is recommended only if Service Procedure 1 is not available.