

2005 Corvette: GM TechLink: Cross-Drilled Rotors

Cross-drilled brake rotors ([fig. 16 -attached](#)) are being used on the 2005 1/2 Pontiac Grand Prix GXP, and available on the 2005 Chevrolet C6 Corvette and the upcoming Cadillac XLR-V.

If required, these brake rotors can be machined on a lathe in a similar manner to standard rotors.

TIP: When cutting rotors, use positive rake tooling on the lathe ([fig. 17 - attached](#)). Positive rake tooling requires less cutting pressure, reduces chatter, and improves surface finish. When setting up the brake lathe, be sure to use a vibration dampener/silencer.

Using SI procedures, apply a non-directional finish to the rotor surface after machining by using a sanding block and 150-grit aluminum oxide sandpaper.

- Thanks to Fred Tebbets and Rob Coultes, GM Techlink, May 2005

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