



Technical Bulletin

TB5012

July 22, 2003

General Motors New Run-Out Specifications

2002-1997	Chevrolet Malibu
1999-1997	Oldsmobile Cutlass
2002-1997	Oldsmobile Alero
2002-1997	Pontiac Grand Am

General Motors instituted a change in the rotor run-out specifications from the previous listing. This information would supercede the data stamped into the rotor.

General Motors offers a technical bulletin (02-05-22-001) to cover this issue.

See the attached document.

Inwood Automotive Products Co., Inc.
Cincinnati, Ohio

www.inwoodauto.com
877-4INWOOD(446-9663)

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Service Bulletin

File in Section: 05 - Brakes

Bulletin No.: 02-05-22-001

Date: April, 2002



SERVICE MANUAL UPDATE

Subject: Revised Brake Specifications

Models: 1997–2002 Chevrolet Malibu
1997–1999 Oldsmobile Cutlass
1999–2002 Oldsmobile Alero
1997–2002 Pontiac Grand Am

This bulletin is being issued to revise various brake specifications in the Hydraulic Brakes sub-section and the Disc Brakes sub-section of the Service Manual. Please replace the current information in the Service Manual with the following information.

The following information has been updated within SI2000. If you are using a paper version of this Service Manual, please make a reference to this bulletin on the affected page.

Procedure and Sub-Section	Corrected Information	SI Document ID
Brake Rotor Lateral Runout Check – Disc Brakes	TIR Specification is .04 mm (.0015 in)	181511 487627 317686 529206 526554
	Maximum Lateral Runout Specification is .04 mm (.0015 in)	492391 174340
Brake System Specifications – Hydraulic Brakes	Maximum Lateral Runout Specification is .04 mm (.0015 in) Thickness Variation is .025 mm (.001 in)	247129 208082 483287 317595 529077 526472
Disc Brake Component Specifications – Disc Brakes	Maximum Lateral Runout Specification is .04 mm (.0015 in) Thickness Variation is .025 mm (.001 in)	487621 412148 529174 526547 687160 687908

056934

Procedure and Sub-Section	Corrected Information	SI Document ID
Disc Brake Component Specifications – Disc Brakes	Revised Information Thickness variation is .02 mm (.001 in) Maximum Lateral Runout Specification is .04 mm (.0015 in)	865217
Brake Rotor Surface Wear and Inspection – Disc Brakes	Revised Information Thickness variation is .02 mm (.001 in) Maximum Lateral Runout Specification is .04 mm (.0015 in)	866998 865152
Brake Rotor Surface Wear and Inspection – Disc Brakes	Revised Information Thickness variation is .02 mm (.001 in) Maximum Lateral Runout Specification is .04 mm (.0015 in)	867899

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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