



Service Bulletin

PRELIMINARY INFORMATION

Subject: Engine Repair Tip for Installation of Pistons

Models: 2024 and Prior GM Passenger Cars and Trucks

Attention: This PI also applies to any of the above models that may be Export from North America vehicles.

This PI has been revised to add the 2018-2024 Model Years, the Important statement and update the web address reference. Please discard PI1394A.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Recommendation/Instructions

When installing a piston into a cylinder, use a ring compressor sleeve or equivalent for best results.

An available aftermarket tool called a ring compressor sleeve will help to make the installation of pistons into an engine block cylinder easier than using a universal ring compressor.

The following features should be looked for when selecting a ring compressor sleeve:

- Hard anodized and Teflon coated for low friction and prolonged wear resistance.
- Smooth radius that tapers down to the specific bore size.
- Sleeve should compress the piston rings smoothly and evenly.
- Select a size that is only slightly bigger than the diameter of the piston and not larger than the diameter of the cylinder bore.

Refer to the Engine Mechanical Specification in SI to get the correct bore and piston specification.

Wiseco Performance Products (<http://www.wiseco.com>) is one aftermarket supplier that carries the ring compressor sleeves in a wide variety of sizes. If a ring compressor sleeve is unavailable in the size you need, a universal ring compressor will work, but is more difficult to use.

Check the internet for the availability of the size you need for the job you are doing.

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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