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Safety Warnings

Before working on any part of the engine, read the Safety section at the end of this manual.

Always use the correct fastener in the proper location. When you replace a fastener, use **ONLY** the exact part number for that application. The text will call out those fasteners that require replacement after removal. The text will also call out the fasteners that require thread lockers or thread sealant.

UNLESS OTHERWISE SPECIFIED, do not use supplement coatings (paints, greases, or other corrosion inhibitors) on threaded fasteners or fastener joint interfaces. Generally, such coatings adversely affect the fastener torque and the joint clamping force, and may damage the fastener.

When you install fasteners, use the correct tightening sequence and tightening specifications. Following these instructions can help you avoid damage to parts and systems.

General Description

The engine repair information described in this section explains how to clean, inspect, and measure certain engine components. Use this section along with the proper engine repair section for the correct disassembly and assembly procedures. Engine specifications are found in

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