



SURFACE VEHICLE RECOMMENDED PRACTICE

J2606™

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Drain and Fill Plug for use on Engines, Transmissions, and Axles

RATIONALE

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1. **Scope**—Drain and Fill plugs used on engines, transmissions, transfer cases and front and rear drive axles for class 5 – 8 vehicles.
 - 1.1 **Purpose**—The purpose of this SAE Recommended Practice is to establish and maintain a common plug, for various bus and truck powertrain components, among the various manufacturers. This will allow OEM manufacturing facilities and service outlets to utilize common plugs and common tools for oil fill and drain operations.
2. **References**
 - 2.1 **Applicable Publication**—The following publication forms a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.
 - 2.1.1 SAE PUBLICATION—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J514—Hydraulic Tube Fittings
3. **Technical Requirements**—The plug shall be a thread size of 1 1/16-12 UN-2A with an O-ring per SAE J514 type 090109B except with a 12.7 mm (1/2 inch) recessed square socket drive (external 1/2 inch square drive optional if required to attach a tag, such as for synthetic oil). It may also have a magnet permanently attached to collect any magnetic particles that may be present in the oil media. Recommended torque value to be 47-68 N-m (35-50 lb-ft).
4. **Mating Thread and Surface**—Mating thread and mating surface to conform to SAE J514 for straight thread o-ring.

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