



SURFACE VEHICLE STANDARD

J1958™

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Issued 1989-04
Reaffirmed 2002-10
Cancelled 2015-11

Superseded by ISO 8535-1

Diesel Engines - Steel Tubes for High-Pressure Fuel Injection Pipes (Tubing)

RATIONALE

SAE J1958 has been cancelled because the content of this standard is fully covered by ISO 8535-1. Therefore, to eliminate such redundancy and confusion in coordinating the standards between ISO and SAE, this document is declared cancelled and superseded by ISO 8535-1.

CANCELLATION NOTICE

This Technical Report has been declared "CANCELLED" as of September 2015 and has been superseded by ISO 8535-1. By the action, this document will remain listed in the respective index, if applicable. Cancelled Technical Reports are available from SAE.

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Documents

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1. Scope—This SAE Standard specifies dimensions and requirements for single-wall steel tubing intended for use as high-pressure fuel injection pipes on a wide range of engines (Class A), and for fuel injection pump testing (Class B, Reference SAE J1418). Tubing shall be cold drawn, annealed or normalized, seamless tubing suitable for cold swaging, cold upsetting, and cold bending.

2. References

2.1 Applicable Publications—The following publications form a part of the specification to the extent specified herein. Unless otherwise indicated, the latest revision of SAE publications shall apply.

2.1.1 SAE PUBLICATION—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J1418—Fuel Injection Pumps—High Pressure Pipes (Tubing) for Testing

2.1.2 ASTM PUBLICATION—Available from ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM A 370—Test Methods and Definitions for Mechanical Testing of Steel Products

3. Dimensions and Tolerances

3.1 Sizes—The recommended outside diameter and inside diameter tubing sizes are shown on Figure 1. Other sizes may be available by agreement.

mm