
**Gasoline engines — Medium pressure
liquid fuel supply connections —**

**Part 1:
60° female cone connectors**

*Moteurs à essence — Connexions pour des lignes de combustible
liquide à moyenne pression —*

Partie 1: Raccords à cônes femelle de 60°

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 34, *Propulsion, powertrain, and powertrain fluids*.

This second edition cancels and replaces the first edition (ISO 18418-1:2014), which has been technically revised.

A list of all parts in the ISO 18418 series can be found on the ISO website.

Introduction

Some spark ignition (SI) engines use direct injection (DI) fuel systems which supply gasoline under pressure to a rail and to the injectors via pipe assemblies with a 60° female cone connector. Such components are similar to ISO 2974 and ISO 13296 for the diesel injection systems, except for the relationship between the outside and inside diameters of the pipes due to the lower pressure range.

Connectors defined either in ISO 2974 or in this document can be used.

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