

# SVENSK STANDARD

## SS-ISO 18418-2:2014

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### **Bensinmotorer – Anslutningar för rör för flytande bränsle med medelhögt tryck – Del 2: Rörenheter (ISO 18418-2:2014, IDT)**

### **Gasoline engines – Medium pressure liquid fuel supply connections – Part 2: Pipe assemblies (ISO 18418-2:2014, IDT)**

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Den internationella standarden ISO 18418-2:2014 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 18418-2:2014.

The International Standard ISO 18418-2:2014 has the status of a Swedish Standard. This document contains the official version of ISO 18418-2:2014.

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Denna standard är framtagen av kommittén för Motorer i bilar, SIS/TK 220.

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 7, *Injection equipment and filters for use on road vehicles*.

ISO 18418 consists of the following parts, under the general title *Gasoline engines — Medium pressure liquid fuel supply connections*:

- *Part 1: 60° female cone connectors*
- *Part 2: Pipe assemblies*

## **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.

