



SURFACE VEHICLE INFORMATION REPORT

SAE J683 MAY2011

Issued 1953-12
Stabilized 2011-05

Superseding J683 AUG1985

Tire Chain Clearance - Trucks, Buses (Except Suburban, Intercity,
and Transit Buses), and Combinations of Vehicles

RATIONALE

The Vehicle Characterization Committee which owned the report has become inactivated and the technical expertise for the subject report within the Truck-Bus Council is not available at this time.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE Truck and Bus Total Vehicle Steering Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

SAENORM.COM : Click to view the full PDF of J683 - 201105

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions. Copyright © 2011 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER:
Tel: 877-606-7323 (inside USA and Canada)
Tel: +1 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
http://www.sae.org

SAE WEB ADDRESS:

**SAE values your input. To provide feedback
on this Technical Report, please visit
http://www.sae.org/technical/standards/J683_201105**

- Scope**—The purpose of this SAE Information Report is to set up a guide as to body, frame, and wheel housing clearance to accommodate tire chains, and also the minimum bogie spacing to permit using chains on both axles. These dimensions apply to trucks, buses, and combinations of vehicles 10 001 lb (4535.06 kg) GVW and over, and are based upon recommendations of the Tire and Rim Association and of the National Association of Chain Manufacturers. The diagram shows clearance for chains over the tire **ONLY** and allowance must be made for spring deflections in determining fender clearance. See Figure 1 and Table 1.

MINIMUM CLEARANCES REQUIRED FOR TIRE CHAINS
TRUCKS, BUSES AND COMBINATIONS OF VEHICLES

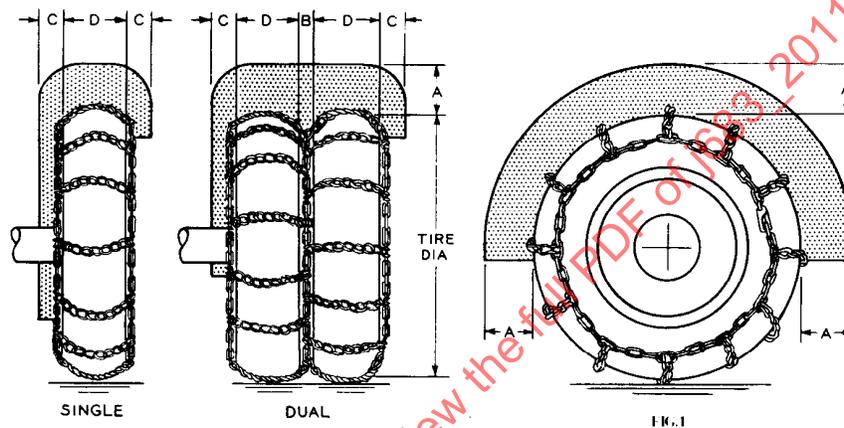


FIGURE 1—

SAENORM.COM : Click to view the full PDF of J683-201105