

	SURFACE VEHICLE RECOMMENDED PRACTICE	J1404		REV. MAY2007
		Issued	1977-05	
		Revised	2007-05	
		Superseding	J1404 JUN2000	
Service Brake Structural Integrity Requirements—Truck and Bus				

RATIONALE

This document has been reviewed and changed per the SAE 5 year review process. The changes only included the removal of the SAE J294 date and updated the title to follow Council policy.

FOREWORD

The requirements in this SAE Recommended Practice represent the accumulation of the best information available from investigation of the brake system performance of new motor vehicles designed for roadway use.

1. SCOPE

This SAE Recommended Practice presents requirements for the structural integrity of the brake system of all new trucks, buses, and combinations of vehicles designed for roadway use and falling into the following classifications:

- a. Truck and Bus—Over 4500 kg (10 000 lb) GVWR
- b. Combination Vehicles—Towing vehicle over 4500 kg (10 000 lb) GVWR

The requirements are based on data obtained from SAE J294.

1.1 Purpose

The purpose of this document is to establish the minimum service brake system requirements with regard to structural integrity.

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, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J294 Service Brake Structural Integrity Test Procedure—Vehicles Over 4500 kg (10 000 lb) GVWR

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 © 2007 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: 724-776-4970 (outside USA)
 Fax: 724-776-0790
 Email: CustomerService@sae.org

SAE WEB ADDRESS:

<http://www.sae.org>