



SURFACE VEHICLE RECOMMENDED PRACTICE

J1404

NOV2014

Issued 1977-05
Reaffirmed 2014-11

Superseding J1404 MAY2007

Service Brake Structural Integrity Requirements—Truck and Bus

RATIONALE

J1404 has been reaffirmed to comply with the SAE five-year review 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

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