



SURFACE VEHICLE RECOMMENDED PRACTICE

J1860™

JUN2016

Issued 1990-08
Revised 2011-05
Stabilized 2016-06

Superseding J1860 MAY2011

Labeling Air Brake Valves with Their Performance (Input-Output) Characteristics

RATIONALE

This technical report is being stabilized because it covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE Truck and Bus Brake Supply and Control Components 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.

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 revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2016 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:

Full document details: [SAE J1860_201606](http://www.sae.org/technical/standards/J1860_201606)

SAE values your input. To provide feedback
on this Technical Report, please visit
http://www.sae.org/technical/standards/J1860_201606

Documents

Document Sharing Hub

1. SCOPE

This SAE Recommended Practice applies to those air brake system valves used to control the vehicle service brakes and test procedures defined by SAE J1859 to measure performance characteristics. This Recommended Practice adheres to standard industry practice of using English units for specifying valve characteristics.

1.1 Purpose

The purpose of this document is to provide a means of identifying vehicle air brake system components with performance (input-output) characteristics. This labeling procedure intends to identify and facilitate proper in-service valve replacement. Nomenclature and test procedure are defined in either SAE J656 or SAE J1859 respectively.

2. REFERENCES

2.1 Applicable Documents

The following publications form 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 Publications

Available from SAE International, 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 J10	Automotive and Off-Highway Air Brake Reservoir Performance and Identification Requirements - Truck and Bus
SAE J656	Automotive Brake Definitions and Nomenclature
SAE J1859	Test Procedures for Determining Air Brake Valve Input-Output Characteristics