



SURFACE VEHICLE STANDARD

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Automotive and Off-Highway Air Brake Reservoir Performance
and Identification Requirements - Truck and Bus

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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1. SCOPE

This SAE Standard applies to all new production air brake and air accessory reservoirs used in automotive vehicles and off-road machines. This document defines an “air reservoir” as a reservoir having single or multiple compartments that is used for storage of compressed air. This document does not apply to accumulators or reservoirs for storage of gases other than compressed air.

1.1 Purpose

The purpose of this document is to provide MINIMUM performance requirements and a method of identifying new production air brake reservoirs. Additional requirements for corrosion resistance and pressure fatigue tests should be considered by the vehicle manufacturer.

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 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, www.astm.org

ASTM B 117-95 Operating Salt Spray (Fog) Apparatus

ASTM D 1654-92 Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments