



SURFACE VEHICLE STANDARD

J1532™

JUN2021

Issued 1988-10
Reaffirmed 2014-06
Stabilized 2021-06

Superseding J1532 JUN2014

Transmission Oil Cooler Hose

RATIONALE

This document has been stabilized as the technical report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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Full document details: SAE J1532_202106

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Documents

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1. Scope

This SAE Standard covers hose intended for use with automatic transmission cooling system applications. Type A hoses are intended for original equipment or replacement applications while Type B hoses are intended for aftermarket auxiliary cooler applications only. The reference fluid for tests requiring the use of automatic transmission fluid (ATF) shall be Dexron III / Mercon 5 or equivalent ATF that is agreed to by hose manufacturer and customer.

2. References

2.1 Applicable Publications

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATIONS

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J343—Tests and Procedures for SAE 100R Series Hydraulic Hose and Hose Assemblies

2.1.2 ASTM PUBLICATIONS

Available from ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM D 380—Test Methods for Testing Rubber Hose

ASTM D 413—Test Methods for Rubber Property—Adhesion to Flexible Substrate

ASTM D 1149—Test Method for Rubber Deterioration—Surface Ozone Cracking in a Chamber (Flat Specimens)