

AWS D8.1M:2013
An American National Standard



Specification for Automotive Weld Quality— Resistance Spot Welding of Steel



American Welding Society®



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American National Standards Institute
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Specification for
Automotive Weld Quality—
Resistance Spot Welding of Steel

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Prepared by the
American Welding Society (AWS) D8 Committee on Automotive Welding

Under the Direction of the
AWS Technical Activities Committee

Approved by the
AWS Board of Directors

Abstract

This document contains both visual and measurable acceptance criteria for resistance spot welds in steels. The information contained herein may be used as an aid by designers, resistance welding equipment manufacturers, welded product producers, and others involved in the automotive industry and resistance spot welding of steels.



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Foreword

This foreword is not part of AWS D8.1M:2013, *Specification for Automotive Weld Quality—Resistance Spot Welding of Steel*, but is included for informational purposes only.

This publication supersedes the first edition of the D8.1M:2007, *Specification for Automotive Weld Quality—Resistance Spot Welding of Steel*. A vertical line in the margin indicates a revision from the 2007 edition.

This document has been prepared to establish acceptance criteria for resistance spot welds in automotive structures fabricated from steels including the Advanced High Strength Steels (AHSS). As a specification, the criteria and techniques contained are obligatory when cited as a normative reference on a drawing or in a contract.

This specification was prepared by the AWS D8D Subcommittee on Automotive Resistance Spot Welding of the AWS D8 Committee on Automotive Welding. This publication is issued under the auspices of the AWS D8 Committee on Automotive Welding.

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