

American National Standard

**AUTO GLASS
SAFETY COUNCIL™**

*Automotive Glass Replacement Safety
Standard™ (AGRSS)*

AGRSS

Automotive Glass Replacement Safety Standard™

ANSI/AGSC/AGRSS 004-2018



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ANSI/AGSC/AGRSS
004-2018
Revision of
ANSI/AGSC/AGRSS 003-2015

American National Standard
Automotive Glass
Replacement Safety Standard™
(AGRSS)

Secretariat

Auto Glass Safety Council™

Approved August 23, 2018

American National Standards Institute, Inc.

American National Standard

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Foreword (This foreword is not part of American National Standard ANSI/AGSC/AGRSS 004-2018.)

The Automotive Glass Replacement Safety Standard™ (AGRSS) was created and is continuously maintained by the Auto Glass Safety Council working under the auspices of the American National Standards Institute (ANSI). AGSC also serves as secretariat for the standard.

The AGRSS Standard represents the windshield replacement industry's best practices as compiled under ANSI guidelines by a balanced committee of windshield replacement practitioners, suppliers and other interested parties.

This standard contains an industry consensus of recommended terminology, definitions, processes, and procedures. These recommendations reflect the expertise of the AGSC AGRSS Standards Committee members who hold a combined experience of hundreds of years and many thousands of actual windshield replacements.

This standard contains one annex. Annex A is informative and is not considered part of this standard.

AGSC welcomes proposals for amendments to any portion of this Standard. These proposals should be in writing and sent to the address below and accompanied by a statement of the rationale for the proposal along with the proponent's complete contact information. All proposals will be referred to the AGSC AGRSS Standards Committee for consideration. Submit proposals to: AGSC/AGRSS Standards Committee, 20 PGA Drive, Suite 201, Stafford, VA 22554 or by email to info@agsc.org.

This standard was developed, processed and approved for submittal to ANSI by the AGRSS Standards Committee of the Auto Glass Safety Council. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the AGRSS Standards Committee had the following members:

Bob Beranek, Chair, AGSC AGRSS Standards Committee
(Automotive Glass Consultants)

<i>Organization Representative</i>	<i>Name of Representative</i>
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AGRR Magazine	Debra Levy
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Introduction

(This introduction is not part of American National Standard ANSI/AGSC/AGRSS 004-2018.)

The Auto Glass Safety Council™ (AGSC) was founded in the late 1990s when professionals from windshield manufacturers, car makers, adhesive companies, and auto glass retailers came together with the goal of defining auto glass safety. This group began the process of establishing a safety standard for the auto glass industry.

By 1999, AGSC had developed the Auto Glass Replacement Safety Standard™ (AGRSS) in partnership with the American National Standards Institute. Since that time, many safety-conscious auto glass retailers have voluntarily agreed to follow the AGRSS Standard, giving the consumer an increased level of safety. The AGSC has provided the necessary standard for auto glass retailers to follow to make sure all precautions are taken to ensure driver and passenger safety.

Prior to the formation of the AGSC, the auto glass replacement industry had no standard for windshield installation. There was no consensus in the industry regarding proper installation methods. Unfortunately, this resulted in lives lost and serious injuries that could have been prevented. The lack of responsibility for providing a proper windshield replacement has also exposed many auto glass shops and their insurance providers to legal actions from unsuspecting automobile passengers who thought their glass replacement was performed correctly and safely.

The AGRSS Standard addresses six critical areas relative to the installation process, including:

- Vehicle assessment;
- Selection of glass and retention systems;
- Installation standards for adhesive bonded glass;
- Installation standards for rubber gasket set glass, as well as additional requirements for all other glass in a vehicle; and
- Continuing education for auto glass technicians.

The AGRSS Standard is continuously monitored by AGSC and the industry.

American National Standard Automotive Glass Replacement Safety Standard™ (AGRSS)

1 Scope and purpose

1.1 Scope

An automotive glass replacement safety standard addressing procedures, education and product performance for motor vehicles falling within the guidelines of FMVSS 212/208.

1.2 Purpose

1.2.1 To improve the performance and practices of industry technicians and raise their level of professionalism.

1.2.2 To guide the industry in auto glass replacement procedures that meet the pertinent Federal Motor Vehicle Safety Standard requirements.

1.2.3 To provide guidelines and objectives for groups that supply products, education, and training for the industry.

1.2.4 To promote public awareness of the need for safe installation procedures, which will reduce the risk of personal injury and/or death from traffic accidents.

1.2.5 To provide a comprehensive automotive glass replacement standard.

1.2.6 To achieve a higher degree of consistency among installation practices.

1.2.7 To create an automotive glass installation benchmark for anyone engaged in the replacement of automotive glass.

2 Normative References

The following standards contain provisions which, through reference in this text,