



AGRSS[®] Compliance Package



Supplement to SRP Installation Manual

Version 8.0

Revised March 1, 2011

Supersedes all Previously Released Manuals



March 1, 2011

Thank you for using the SRP line of automotive adhesives, primers and cleaning products. The Auto Glass Replacement Safety Standard (AGRSS[®]) addresses procedures, education and product performance. The SRP Totalseal AGRSS Compliance Package is designed to help you with accreditation, compliance and familiarity with the AGRSS standards and practices regarding the safe installation of fixed automotive glass when using SRP Totalseal products.

The SRP Totalseal AGRSS Compliance Packet contains documents to help you complete your "Application for Registration of Compliance with ANSI/AGRSS 002-2002 Automotive Glass Replacement Standard" in order to obtain your accreditation.

This packet also contains information to help you complete all eight deliverable requirements of the AGRSS standard. Please visit www.agrss.org for additional information regarding the standard and its registration requirements.

Please refer to the SRP Totalseal Installation Manual regarding the proper procedures and techniques when using SRP Totalseal adhesives, primers and cleaning products.

The SRP Field Training Program is an AGRSS registered training program designed to help keep you and your shop compliant. Please contact your SRP Sales Representative for further information.

You can find additional information regarding our cleaning products, windshield repair, plastic polish and glass restoration products on our website at www.shatproof.com.

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Totalseal is a trademark of Le Joint Francais
AGRSS is a registered trademark of AGRSS Council, Inc.



AGRSS Deliverables Checklist

Instructions: Attach to this sheet each of the following listed deliverables in the SRP AGRSS Compliance Package. Mark each box corresponding with each deliverable to ensure that your application for registration with AGRSS is complete.

- DELIVERABLE 1:**
3.0 Copy of form to record condition of vehicle that could compromise the retention system
- DELIVERABLE 2:**
4.01 Copy of the retention system manufacturer/private labeler document that specifies compliance to a quality assurance standard.
- DELIVERABLE 3:**
4.03 Copy the retention system manufacturer/private labeler document that specifies retention system being either OEM approved or equivalent.
- DELIVERABLE 4:**
4.04 Copy of cover of retention system manufacturer/private labeler current written instructions.
- DELIVERABLE 5:**
5.03 Provide copy of drive-away chart provided by retention system manufacturer/private labeler.
- DELIVERABLE 6:**
5.04 Copy of your record utilized to record drive away times specified to the vehicle owner/operator (make sure names of owner/operator do not appear).
- DELIVERABLE 7:**
5.07 Copy of your record utilized to note retention system lot numbers and glass part DOT/part numbers (make sure names of owner/operator do not appear).
- DELIVERABLE 8:**
8.02 Sample copy of auto glass replacement technician's AGR training certificate indicating form of training maintained



DELIVERABLE 1:	
Section 3	Copy of the form used to record condition of vehicle that could compromise the retention system

Required: Copy of the form used to document the condition of the vehicle. Often times this document is the same as the inspection sheet, work order or shop paperwork. It is also required to record the adhesive and primer system used in the retention system installation along with vehicle, weather conditions and any other factors that could compromise the retention system should also be noted on this form.

Deliverable: Do the personnel performing automotive glass replacement refrain from beginning or completing an installation where any related condition would compromise the retention system? If a problem is found, is there a documented procedure to notify the customer?

SRP Provides: We furnish an installation record form for the installer to record pre and post installation notes. The form allows the installer to record the VIN number, mileage, weather condition, condition of vehicle, along with the SRP Totalseal adhesive and primer system used.

Action Required
Attach a copy of your company's installation record form or the SRP form provided and attach it to your AGRSS Deliverables Checklist Sheet.



Windshield Replacement Record



Installer: _____ Invoice Number: _____

Make: _____ Model: _____ VIN: _____

License Plate Number and State: _____ Odometer Reading: _____

Pre-Installation Vehicle Inspection Notes:

Installation Information

Time/Date of Replacement: _____ Vehicle Release Time: _____

Curing Temperature: _____ Relative Humidity: _____

D.O.T Number on Glass: _____

Product	Material Used	Lot Number*	Expiration Date*
Adhesive			
Glass/Frit Prep			
Glass/Frit Primer			
Pinchweld Primer			
Speciality Primer			

**Attach lot number and expiration date sticker from product used here.*

Additional Moldings/Parts Used:



Shat R Proof Corp.
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 www.shatproof.com

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Use this as a guide for your company's installation record sheet. You do not have to use this specific form from SRP to be compliant with the AGRSS Standard.



DELIVERABLE 2:	
Section 4.01	Copy of the retention system manufacturer/private labeler document that specifies compliance to a quality assurance standard.

Required: Copy of attached Quality Assurance letter from SRP. Proper use of Totalseal products insures that all vehicles meet OEM specifications for structural integrity and aesthetics.

Deliverable: Have all the retention system suppliers/vendors that your functional units use been verified to ensure that their products are produced under a documented quality assurance standard?

SRP Provides: Written documentation stating that all SRP Totalseal adhesives and primers are produced under the quality assurance of ISO 9001:2008, ISO/TS 16949:2009 and QS 9000 approvals. Each SRP Totalseal product has been tested and has passed FMVSS 208/212 standards for glass retention.

Action Required
Copy attached Quality Assurance letter and attach to your AGRSS Deliverables Checklist Sheet.



March 1, 2011

SRP Totalseal offers a complete line of OEM and OEM approved adhesives for the bonding of automotive glass. No matter what Totalseal adhesive used, each product is produced under the quality assurance of ISO 9001:2008, ISO/TS 16949:2009 and QS 9000 approvals.

Each Totalseal product has been tested and has passed FMVSS 208/212 standards for glass retention.

Shat R Proof Corp., as a member of the Skidmore Group, has over 50 years of experience in the AGR industry with over 2500 corporate, franchise, and affiliate units in 42 countries. With Skidmore Group behind it, SRP can provide you something other companies simply cannot products designed specifically *For Installers, By Installers™*.



DELIVERABLE 3:	
Section 4.03	Copy of the retention system manufacturer/private labeler document that specifies retention system being either OEM approved or equivalent.

Required: Copy of the retention system manufacturer/private labeler document that specifies retention system being either OEM approved or equivalent.

Deliverable: Is the retention system you are using OEM approved or equivalent and is documentation available certifying this approval of equivalency?

SRP Provides: Documentation stating that Totalseal adhesives are (OEM) used on vehicle production lines across Europe. SRP Totalseal is a Tier 1 supplier to vehicles worldwide.

When used properly, SRP Totalseal adhesives meet or exceed all OEM requirements regarding glass bonding.

This information can also be found on page 3-4 in the most current version of the SRP Installation Manual (8.0).

Action Required
Copy the Quality Assurance Letter form Deliverable 2 on the previous page and attach to your AGRSS Deliverables Checklist Sheet.



DELIVERABLE 4:	
Section 4.04	Copy of cover of retention system manufacturer/private labeler current written instructions.

Required: Copy of cover of SRP Totalseal Installation Manual.

Deliverable: Is the documentation readily available from the retention system manufacturer or private labeler that instructs users of such systems regarding all of the following criteria:

- Proper use of application materials
- Storage specifications
- Special requirements regarding adverse weather conditions

SRP Provides: Current product and training literature along with full auto glass replacement training as needed. Training and product brochures include:

- Installation procedures for adhesives and primers
- Storage and shelf life expectations for all products
- Instructions detailing the proper use of all products in a variety of weather conditions
- Drive away charts containing temperature and humidity considerations

The best source to find all of this information in one place is the current SRP Installation Manual (8.0) which is the one place you should always consult for all SRP Totalseal related questions.

Action Required
Provide copy of the cover of the most recent SRP Installation Manual (8.0) and attach to AGRSS Deliverables Checklist Sheet.



SRP Installation Manual

Technical Training for SRP Totalseal Adhesives and Primers



AGRSS[®] Registered Training Program
www.shatproof.com
Revised March 1, 2011

Version 8.0
Supersedes all Previously Released Manuals

For AGRSS Validation, each installer must have a copy of the SRP Installation Manual version 8.0 available and accessible for demonstration and reference.



DELIVERABLE 5:	
Section 5.03	Copy of drive-away chart provided by retention system manufacturer/private labeler.

Required: Copy of the Drive Away Chart for adhesive used in the retention system installation provided by SRP Totalseal.

Deliverable: Are all automotive glass replacements undertaken using an adhesive glass retention system that will achieve the minimum drive-away time by the time the vehicle may reasonably be expected to be operated.

SRP Provides: Safe drive away charts for all of our products can be found in sales literature, the SRP Installation Manual (8.0) and on-line at www.shatproof.com.

This information can also be found on pages 47-48 of the SRP Installation Manual (8.0).

Action Required
Copy appropriate drive away chart and attach to AGRSS Deliverables Checklist Sheet.



PRODUCTS DESIGNED TO MEET ALL YOUR BUSINESS, CLIMATE AND DRIVE AWAY TIME NEEDS



FMVSS drive away times for single and dual airbag vehicles								
Relative Humidity	0°-20°F 1°-7°C	20°-30°F 7°-7°C	30°-40°F 7°-4°C	40°-50°F 4°-10°C	50°-60°F 10°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C
80-100%	<h1>30 Minutes</h1>							
60-80%								
40-60%								
20-40%								
0-20%								

Always follow the SRP Cold Weather Procedures when the ambient temperature is below 40°F (4°C).

Relative Humidity	FMVSS drive away times for dual airbag vehicles					FMVSS drive away times for single airbag vehicles				
	20°-40°F -6°-4°C	40°-60°F 4°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C	20°-40°F -6°-4°C	40°-60°F 4°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C
80-100%	1 hr	1 hr	1 hr	1 hr	30 min	1 hr	1 hr	30 min	30 min	30 min
60-80%	1 hr	1 hr	1 hr	1 hr	30 min	1 hr	1 hr	1 hr	30 min	30 min
40-60%	2 hrs	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	30 min	30 min
20-40%	2 hrs	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	30 min
0-20%	2 hrs	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr

Always use SRP Velocity™ or SRP Icon™ when the temperature is 20°F (-6°C) or below.
Always follow the SRP Cold Weather Procedures when the ambient temperature is below 40°F (4°C).



Relative Humidity	FMVSS drive away times for dual airbag vehicles					FMVSS drive away times for single airbag vehicles				
	40°-50°F 4°-10°C	50°-60°F 10°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C	40°-50°F 4°-10°C	50°-60°F 10°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C
80-100%	6 hrs	4 hrs	3 hrs	2.5 hrs	2 hrs	4 hrs	2.5 hrs	2 hrs	2 hrs	1.5 hrs
60-80%	8 hrs	6 hrs	4.5 hrs	3 hrs	2 hrs	5 hrs	3.5 hrs	2.5 hrs	2 hrs	1.5 hrs
40-60%	12 hrs	9 hrs	5 hrs	4 hrs	3 hrs	7 hrs	4 hrs	2.5 hrs	2 hrs	1.5 hrs
20-40%	15 hrs	12 hrs	8 hrs	5 hrs	4 hrs	10 hrs	7 hrs	4 hrs	3 hrs	2 hrs
0-20%	20 hrs	16 hrs	12 hrs	8 hrs	7 hrs	14 hrs	12 hrs	8 hrs	5 hrs	4 hrs

Always use SRP Edge™ when the temperature is 40°F (4°C) or above.

FMVSS drive away times for single and dual airbag vehicles								
Relative Humidity	0°-20°F 1°-7°C	20°-30°F 7°-7°C	30°-40°F 7°-4°C	40°-50°F 4°-10°C	50°-60°F 10°-16°C	60°-70°F 16°-21°C	70°-80°F 21°-27°C	80°F+ 27°C
80-100%	<h1>1 Hour</h1>							
60-80%								
40-60%								
20-40%								
0-20%								

Always follow the SRP Cold Weather Procedures when the ambient temperature is below 40°F (4°C).



The time indicated on these charts is the minimum time necessary for a given adhesive to achieve the minimum drive away strength needed to meet the requirements of FMVSS 208 and 212. Follow all SRP comprehensive written instructions to ensure the installation is performed correctly.



Shat R Proof Corp.
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DELIVERABLE 6:

Section 5.04	Copy of your record utilized to record drive away times specified to the vehicle owner/operator (make sure names of vehicle owner/operator do not appear).
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Required: Copy of Installation form used to record all factors including vehicle and weather conditions, adhesive and primer system used in the installation that factor into a safe retention system installation.

Deliverable: Are all vehicle owners/operators advised of minimum drive-away times under the circumstances of the replacement?

SRP Provides: An installation record form for the installer to record the time the glass was installed, temperature and relative humidity at the beginning of the installation. Additionally, the form allows the installer to record the time the vehicle was released back to the customer.

Action Required

Attach a copy of your company's installation record form or the SRP form provided at Deliverable 1 and attach it to your AGRSS Deliverables Checklist Sheet.



DELIVERABLE 7:	
Section 5.07	Copy of your record utilized to note retention system lot numbers and glass part DOT/part numbers (make sure names of vehicle owner/operator do not appear).

Required: Copy of your record utilized to note retention system lot numbers and glass Department of Transportation (DOT)/part numbers.

Deliverable: Are all adhesive system component lot numbers, glass part numbers and DOT numbers traceable to each job?

SRP Provides: An installation record form for the installer to record installation information including product lot numbers, glass part numbers and DOT numbers. SRP provides the lot number and expiration dates on all SRP Totalseal products. This information is printed on each cartridge, sausage pack or bottle as well as printed on peel-off label to attach to your installation records.

Action Required
Copy the Quality Assurance Letter form Deliverable 2 on the previous page and attach to your AGRSS Deliverables Checklist Sheet.



DELIVERABLE 8:	
Section 8.02	Sample copy of auto glass replacement technician's AGR training certificate indicating form of training maintained.

Required: Copy of SRP Totalseal Field Training certificate for performing auto glass replacement, indicating form of training maintained.

Deliverable: Are all technicians, performing replacement of automotive glass fully qualified for the tasks they are required to perform (note: qualifications shall include, at a MINIMUM, completion of a comprehensive training program with a final exam)?

SRP Provides: A comprehensive training program including:

- AGR Safety Issues
- OEM Installation standards and practices
- Relevant technical specifications training
- Comprehensive retention system specific training
- The opportunity to apply and demonstrate learned skills

SRP updates and distributes an comprehensive written instructions in the form of the SRP Installation Manual regularly that provides the technician with:

- SRP Totalseal Overview
- Prep and Primer Guide including proper application procedures
- SRP Totalseal urethane application procedures including adverse weather procedures.
- Drive Away Charts

Action Required
Copy the cover of the Installation Manual plus a copy of all technician's training certificates and attach to your AGRSS Deliverables Checklist Sheet. To request a duplicate copy of your certificate from SRP, please call 800-728-1817.



If you require any additional help, please contact your regional SRP Sales Representative, e-mail us at info@shatproof.com or call us at 800-728-1817.

SRP will provide additional support for the validation phase of the AGRSS Registration process. Please notify SRP as soon as possible once you have been notified that you will be going through validation.

For additional information on AGRSS and the resources they offer for help in the registration process, please visit them at www.agrсс.org.