SAFETY COMPLIANCE TESTING FOR
FMVSS NO. 118
POWER-OPERATED WINDOW, PARTITION
AND ROOF PANEL SYSTEMS

AUDI AG
2010 AUDI A5 COUPE, PASSENGER CAR
NHTSA NO. CA5800

GENERAL TESTING LABORATORIES, INC.
1623 LEEDSTOWN ROAD
COLONIAL BEACH, VIRGINIA 22443

June 8, 2010

FINAL REPORT

PREPARED FOR
U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
1200 NEW JERSEY AVE., SE
WASHINGTON, D.C. 20590
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Prepared By: 

Approved By: 

Approval Date: 06/08/10

FINAL REPORT ACCEPTANCE BY OVSC:

Accepted By: 

Acceptance Date: 6/8/10
Compliance tests were conducted on the subject 2010 Audi A5 Coupe 2-door Passenger Car in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-118-06 for the determination of FMVSS 118 compliance.

Test failures identified were as follows:
None
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<td></td>
</tr>
<tr>
<td>5.15 Force Test Instrument Set-Up on Left Front Window</td>
<td></td>
</tr>
<tr>
<td>7. Plots</td>
<td>34</td>
</tr>
</tbody>
</table>
SECTION 1
PURPOSE OF COMPLIANCE TEST

1.0 PURPOSE OF TEST

A model year 2010 Audi A5 Coupe Passenger Car was subjected to Federal Motor Vehicle Safety Standard (FMVSS) No. 118 testing to determine if the vehicle was in compliance with the requirements of the standard. FMVSS 118 specifies requirements for power-operated window, partition, and roof panel systems to minimize the likelihood of death or injury from their accidental operation.

1.1 The test vehicle was a 2010 Audi A5 Coupe Passenger Car. The vehicle was identified as follows:

A. **Vehicle Identification Number:** WAU3FAFR4AA027203

B. **NHTSA No.:** CA5800

C. **Manufacturer:** AUDI AG

D. **Manufacture Date:** 10/09

E. **Color:** Black

1.2 TEST DATE

The test vehicle was subjected to FMVSS No. 118 testing on May 12, 2010.
SECTION 2

TEST PROCEDURE AND SUMMARY OF RESULTS

2.0 TEST PROCEDURE

All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Procedure TP-118-06 dated 12 April 2006 and General Testing Laboratories, Inc. (GTL) Test Procedure, TP-118-03A, “Power Operated Window, Partition and Roof Panel Systems”.

FMVSS 118 Compliance Testing was performed in the following sequence:

A. Test Vehicle Identification/Documentation
B. Power Window, partition and roof panel identification/documentation
C. Interior, exterior and remote control switch identification/documentation
D. Pre-test operation of all power windows, partitions and roof panels
E. Photograph vehicle and interior, exterior and remote control devices
F. Perform Interior Locking System Off Test
G. Perform Interior Locking System with Key Removed Test
H. Perform Exterior Locking System Test
I. Perform Remote Actuation Device Test
J. Perform Occupant Compartment Actuation Device Test(Sphere Test/Pull up or Pull Out Test)
K. Perform Automatic Reversal System Test

2.1 SUMMARY OF RESULTS

The power window operational test resulted in no anomalies being noted. Test data indicate the FMVSS 118 requirements appear to have been satisfied. All test data resulting from the tests were recorded on test data sheets in Section 3.
SECTION 3

TEST DATA

3.0 TEST RESULTS

The following data sheets document the results of FMVSS 118 testing on the 2010 Audi A5 Coupe.
<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>PASS</th>
<th>FAIL</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4 Interior Locking system in Off Position(s)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S4 Interior Locking System with Key Removed</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S4 Exterior Locking System</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S4 Remote Actuation Device</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>S6 Occupant Compartment Actuation Devices (Sphere Test/Pull Up or Pull Out Test)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S5 Automatic Reversal System</td>
<td></td>
<td></td>
<td>X*</td>
</tr>
</tbody>
</table>

**REMARKS:** *This vehicle does not need to meet S5 requirements for automatic reversal. Vehicle utilizes a smart key push-button ignition system.*

**RECORDED BY:** G. Farrand  
**DATE:** 05/12/10  
**APPROVED BY:** D. Messick
WPRP PRE-OPERATIONAL CHECK

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/12/10

Identify power-operated WPRP and WPRP actuation devices

<table>
<thead>
<tr>
<th></th>
<th>LEFT FRONT</th>
<th>LEFT REAR</th>
<th>RIGHT FRONT</th>
<th>RIGHT REAR</th>
<th>TAIL GATE</th>
<th>PARTITION</th>
<th>ROOF PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power WPRP</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Installed</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individual Interior Actuation Devices</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master Control Panel Actuation Devices</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>WPRP Operated by Exterior Locking System</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>WPRP Operated by Remote Control</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WPRP with Auto-Reverse Capability</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>WPRP with Express-Up Capability</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Master Control Panel Location: Driver’s Door Panel
Exterior Locking System Location: Driver’s Door Handle
Remote Control Type: ( ) Line of Sight (X) Non-line of Sight ( ) Both

WPRP Actuation Device Design (Toggle, Rocker, Push/Pull (Lever) or describe other):
- Master Control Panel: Push/Pull
- Individual Window: Push/Pull
- Roof Panel: Push/Pull
- Vents: Push/Pull

Interior Locking System Key Positions (clockwise): Keyless-Go, Push Button Start with Off/Lock, On, Start

All WPRP open/close cycles are satisfactory with key in “ON” position:
(X) YES ( ) NO If NO, compliance test shall not proceed

All WPRP open/close cycles are satisfactory with key in “ACCESSORY” position:
( ) YES (X) Not Applicable – No Accessory position

REMARKS:

RECORDED BY: G. Farrand DATE: 05/12/10
APPROVED BY: D. Messick
DATA SHEET 1
INTERIOR LOCKING SYSTEM TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/11/10

Key lock position at start of test execution: (X) ON ( ) ACCESSORY
Key lock off position during test execution: (X) LOCK (X) OFF ( ) ACCESSORY

<table>
<thead>
<tr>
<th>ACTUATION DEVICES</th>
<th>DOORS CLOSED</th>
<th>LEFT DOOR OPEN</th>
<th>RIGHT DOOR OPEN</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INOP. OPER.</td>
<td>INOP. OPER.</td>
<td>INOP. OPER.</td>
<td></td>
</tr>
</tbody>
</table>

**MASTER CONTROL PANEL ACTUATION DEVICES**

<table>
<thead>
<tr>
<th>Device</th>
<th>DOORS CLOSED</th>
<th>LEFT DOOR OPEN</th>
<th>RIGHT DOOR OPEN</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left Front (LF)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Gate (TG)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition (P)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Panel (RP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INDIVIDUAL ACTUATION DEVICES**

<table>
<thead>
<tr>
<th>Device</th>
<th>DOORS CLOSED</th>
<th>LEFT DOOR OPEN</th>
<th>RIGHT DOOR OPEN</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left Front (LF)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Gate Window</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition Window</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Panel Window</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
</tbody>
</table>

REMARKS: Key Code still active.

RECORDED BY: G. Farrand DATE: 05/12/10
APPROVED BY: D. Messick
DATA SHEET 2
INTERIOR LOCKING SYSTEM WITH KEY REMOVED TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800
VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR
DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES
TEST DATE: 05/12/10

Key lock position at start of test execution: (X) ON ( ) ACCESSORY Then: Engine off, door open, and key out of range.

<table>
<thead>
<tr>
<th>ACTUATION DEVICES</th>
<th>DOORS CLOSED</th>
<th>LEFT DOOR OPEN</th>
<th>RIGHT DOOR OPEN</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INOP.</td>
<td>OPER.</td>
<td>INOP.</td>
<td>OPER.</td>
</tr>
<tr>
<td>Left Front (LF)</td>
<td>*</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>*</td>
<td>X</td>
<td>X</td>
<td>P</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Gate (TG)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition (P)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Panel (RP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MASTER CONTROL PANEL ACTUATION DEVICES

INDIVIDUAL ACTUATION DEVICES

REMARKS: *Vehicle has push button “keyless go” system and vehicle must be turned off, door opened and key moved out of range of the vehicle to remove key code from vehicle system.

RECORDED BY: G. Farrand
DATE: 05/12/10
APPROVED BY: D. Messick
DATA SHEET 3
EXTERIOR LOCKING SYSTEM TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/12/10

Is vehicle equipped with an exterior locking system that can close any of the power windows, partitions, or roof panels? (X) YES  ( ) NO

Location of exterior locking system: Driver's Door Handle

Describe how the exterior locking system is activated: Insert metal key into key slot, turn key and hold to activate windows.

Identify the windows, partitions or roof panels that can be closed by the exterior system. Also, in each case, identify whether continuous activation of the locking system is required.

<table>
<thead>
<tr>
<th>WINDOW, PARTITION AND ROOF PANEL IDENTIFICATION</th>
<th>EXTERIOR LOCKING SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OPERABLE (YES/NO)</td>
</tr>
<tr>
<td>LEFT FRONT (LF)</td>
<td>YES</td>
</tr>
<tr>
<td>RIGHT FRONT (RF)</td>
<td>YES</td>
</tr>
<tr>
<td>LEFT REAR (LR)</td>
<td>YES</td>
</tr>
<tr>
<td>RIGHT REAR (RR)</td>
<td>YES</td>
</tr>
<tr>
<td>VENT WINDOW(S)</td>
<td>YES</td>
</tr>
<tr>
<td>PARTITION(P)</td>
<td>YES</td>
</tr>
<tr>
<td>ROOF PANEL (RP)</td>
<td>YES</td>
</tr>
<tr>
<td>TAIL GATE (TG)</td>
<td>YES</td>
</tr>
</tbody>
</table>

*NOTE: Continuous activation of the locking system is required for each WPRP to pass the exterior locking system safety standard requirement.

REMARKS:

RECORDED BY: G. Farrand DATE: 05/12/10
APPROVED BY: D. Messick
DATA SHEET 4
REMOTE ACTUATION DEVICE

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/12/10

Type of remote actuation device installed on vehicle (check one):
(X) Non Line-Of-Site  ( ) Line-of-Site

Measured range of Operation:
Record the maximum operating distance of the remote actuation device in the boxes below. The range of operation shall not exceed six meters for a Non Line-of-Site Device or eleven meters for a Line-of-Site Device in any measured direction and continuous activation of the remote actuation device is required until all operable windows, partitions, or roof panels are completely closed.

Pass/Fail N/A

REMARKS: Vehicle Remote does not activate windows or roof panel.

RECORDED BY: G. Farrand DATE: 05/12/10
APPROVED BY: D. Messick
## DATA SHEET 5
### OCCUPANT COMPARTMENT ACTUATION DEVICE TEST
#### SPHERE TEST

**VEHICLE MAKE/MODEL/BODY STYLE:** 2010 AUDI A5 COUPE  
**VEHICLE NHTSA NO:** CA5800  
**VIN:** WAU3FAFR4AA027203  
**VEHICLE TYPE:** PASSENGER CAR  
**DATE OF MANUFACTURE:** 10/09  
**LABORATORY:** GENERAL TESTING LABORATORIES  
**TEST DATE:** 05/12/10  

<table>
<thead>
<tr>
<th>ACTUATION DEVICES</th>
<th>APPLICABLE (YES/NO*)</th>
<th>SPHERE ACTIVATED ACTUATION DEVICE CLOSES WPRP (YES/NO)</th>
<th>TEST RESULT PASS/FAIL</th>
<th>COMPLIANCE REQUIRED (Y/N**)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MASTER CONTROL PANEL ACTUATION DEVICES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Left Front (LF)</td>
<td>Yes</td>
<td>No</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>Yes</td>
<td>No</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Gate (TG)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition (P)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Panel (RP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>INDIVIDUAL ACTUATION DEVICES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Left Front (LF)</td>
<td>Yes</td>
<td>No</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>Yes</td>
<td>No</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Tail Gate (TG)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition (P)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Panel (RP)</td>
<td>NO</td>
<td>NO</td>
<td>Pass</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*This requirement does not apply to actuation devices that are mounted in a vehicle’s roof, headliner, or overhead console and that can close a window, partition, or roof panel only by continuous rather than momentary switch actuation or actuation devices that comply with the reversing requirement of FMVSS 118, S5.

** Requirement is effective 1 October 2008. Early compliance is voluntary and test results are used for information only.

**RECORDED BY:** G. Farrand  
**DATE:** 05/12/10  
**APPROVED BY:** D. Messick
DATA SHEET 6
OCCUPANT COMPARTMENT ACTUATION DEVICE TEST
FOR POWER-OPERATED WINDOWS ONLY
PULL UP OR PULL OUT TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/12/10

<table>
<thead>
<tr>
<th>ACTUATION DEVICES</th>
<th>SWITCH ORIENTATION</th>
<th>CLOSES POWER-OPERATED WINDOW ONLY IF: PULL UP OR PULL OUT</th>
<th>TEST RESULT PASS/FAIL</th>
<th>COMPLIANCE REQUIRED (Y/N**)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left Front (LF)</td>
<td>C</td>
<td>Pull Out</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>C</td>
<td>Pull Out</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Rear (RR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Master Control Panel Actuation Devices

** Requirement is effective 1 October 2008. Early compliance is voluntary and test results are used for information only.

<table>
<thead>
<tr>
<th>ACTUATION DEVICES</th>
<th>SWITCH ORIENTATION</th>
<th>CLOSES POWER-OPERATED WINDOW ONLY IF: PULL UP OR PULL OUT</th>
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<td>C</td>
<td>Pull Out</td>
<td>Pass</td>
<td>Yes</td>
</tr>
<tr>
<td>Right Front (RF)</td>
<td>C</td>
<td>Pull Out</td>
<td>Pass</td>
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<tr>
<td>Left Rear (LR)</td>
<td></td>
<td></td>
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<tr>
<td>Right Rear (RR)</td>
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</tr>
<tr>
<td>Vent Window(s)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

** Master Control Panel Actuation Devices

** Requirement is effective 1 October 2008. Early compliance is voluntary and test results are used for information only.

RECORDED BY: G. Farrand DATE: 05/12/10
APPROVED BY: D. Messick
DATA SHEET 7
WPRP PHYSICAL CONTACT REVERSAL CAPABILITY

VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE

VEHICLE NHTSA NO: CA5800
VIN: WAU3FAFR4AA027203

VEHICLE TYPE: PASSENGER CAR

DATE OF MANUFACTURE: 10/09

LABORATORY: GENERAL TESTING LABORATORIES

TEST DATE: 05/12/10

WPRP’s equipped with reversal capability: Yes
WPRP’s that must meet reversal requirement: None

Locking System Position: Off/Lock

<table>
<thead>
<tr>
<th>Test #</th>
<th>Window, Partition, Roof Panel</th>
<th>Test Rod Placement in Window, Partition or Roof Panel</th>
<th>Test Rod Size/Deflection</th>
<th>Window, Partition or Roof Panel Opening Before/After Closing (mm)</th>
<th>Maximum Force Measured on Test Rod (Newtons)</th>
<th>Window, Partition, or Roof Panel Reversing Distance (mm)</th>
<th>Pass/Fail*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6619</td>
<td>L.F. Window Top</td>
<td>100 mm</td>
<td>90/260</td>
<td>69</td>
<td>260</td>
<td>P**</td>
<td></td>
</tr>
<tr>
<td>6620</td>
<td>L.F. Window Front</td>
<td>100 mm</td>
<td>20/260</td>
<td>77</td>
<td>260</td>
<td>P**</td>
<td></td>
</tr>
<tr>
<td>6621</td>
<td>R.F. Window Top</td>
<td>100 mm</td>
<td>110/260</td>
<td>81</td>
<td>260</td>
<td>P**</td>
<td></td>
</tr>
<tr>
<td>6622</td>
<td>L.F. Window Top</td>
<td>6 mm</td>
<td>40/170</td>
<td>96</td>
<td>170</td>
<td>P**</td>
<td></td>
</tr>
<tr>
<td>6623</td>
<td>R.F. Window Top</td>
<td>6 mm</td>
<td>130/165</td>
<td>100</td>
<td>165</td>
<td>P**</td>
<td></td>
</tr>
</tbody>
</table>

*WPRP must reverse direction before contacting or exerting a squeezing force of 100 Newtons. Upon such reversal, the WPRP must open to one of the following positions.
A. A position that is at least as open as the position at the time closing was initiated
B. A position that is not less than 125 mm more open than the position at the time the window reversed direction, or
C. A position that permits a semi-rigid cylindrical rod that is 200 mm in diameter to be placed through the opening at the same contact point(s) used in 12.5.

REMARKS: ** This vehicle does not need to meet S5 requirements for automatic reversal as it complies with opening requirements of S4.
VEHICLE MAKE/MODEL/BODY STYLE: 2010 AUDI A5 COUPE
VEHICLE NHTSA NO: CA5800 VIN: WAU3FAFR4AA027203
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 10/09
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 05/12/10

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MFR</th>
<th>MODEL</th>
<th>S/N</th>
<th>CAL. PERIOD</th>
<th>DATE OF LAST CALIB.</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLR DIGITAL CAMERA</td>
<td>NIKON</td>
<td>D50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>PINCH FORCE SENSOR</td>
<td>SENSOR DEVELOPMENTS, INC.</td>
<td>10293</td>
<td>179104</td>
<td>12 MO.</td>
<td>04/10</td>
<td></td>
</tr>
</tbody>
</table>

REMARKS:

RECORDED BY: G. FARRAND DATE: 05/12/10
APPROVED BY: D. MESSICK
SECTION 5
PHOTOGRAPHS
FIGURE 5.1
¾ FRONTAL VIEW FROM RIGHT SIDE OF VEHICLE
2010 AUDI A5 COUPE
NHTSA NO. CA5800
FMVSS NO. 118

FIGURE 5.2
¾ REAR VIEW FROM LEFT SIDE OF VEHICLE
MFD. BY AUDI AG
10/09
GWWR LBS 4575 GAWR LBS FRONT 2326/REAR 2359
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S.
FEDERAL MOTOR VEHICLE SAFETY, BUMPER AND THEFT
PREVENTION STANDARDS IN EFFECT ON THE DATE OF
MANUFACTURE SHOWN ABOVE
PASSENGER CAR
WAU3FAFR4AA027203

GERMANY

FIGURE 5.3
CLOSE-UP VIEW OF VEHICLE CERTIFICATION LABEL
## TIRE AND LOADING INFORMATION

<table>
<thead>
<tr>
<th>Seating Capacity</th>
<th>Total</th>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nombre de places</td>
<td>Total</td>
<td>Avant</td>
<td>Arriere</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

The combined weight of occupants and cargo should never exceed 400 kg or 882 lbs.

### TIRE PNEU

<table>
<thead>
<tr>
<th>Size Dimensions</th>
<th>Cold Tire Pressure</th>
<th>See Owner’s Manual for Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Front Avant</strong></td>
<td>255/35 R19 96 Y</td>
<td>230 KPA, 33 PSI</td>
</tr>
<tr>
<td><strong>Rear Arriere</strong></td>
<td>255/35 R19 96 Y</td>
<td>230 KPA, 33 PSI</td>
</tr>
<tr>
<td><strong>Spare De Secours</strong></td>
<td>T125/70 R19</td>
<td>420 KPA, 61 PSI</td>
</tr>
</tbody>
</table>

**NOTE**

- 2010 AUDI A5 COUPE
- NHTSA No. CA5800
- FMVSS No. 118

**FIGURE 5.4**
CLOSE-UP VIEW OF TIRE INFORMATION LABEL
FIGURE 5.6
CLOSE-UP VIEW OF RIGHT FRONT POWER WINDOW SWITCH
FIGURE 5.7
CLOSE-UP VIEW OF ROOF PANEL SWITCH
FIGURE 5.11
SPHERE TEST ON RIGHT FRONT SWITCH
FIGURE 5.13
INSTRUMENTATION TEST SET-UP
2010 Audi A5 Coupe
NHTSA No. CA5800
FMVSS No. 118

Figure 5.15
Force test instrument set-up on left front window
Opening and closing

Keys

Key set

\* Master key with remote control
You can centrally lock and unlock your vehicle and start the engine with the master key with remote control.

\* Emergency key
The emergency key is not intended for constant use. It should only be used in an emergency. Keep it in a safe place and do not carry it on your key ring.

Key replacement
If you lose a key, contact your authorized Audi dealer immediately to have the lost key disabled. Be sure to bring all your keys with you.

Data in the master key
During driving, service and maintenance relevant data is continuously stored on your master key. Your Audi service advisor can read out this data and tell you about the work your vehicle needs. This applies also to vehicles with convenience key.

Personal comfort settings
If two people use one vehicle, it is recommended that each person always uses his own master key. When the ignition is turned off or when the vehicle is locked, personal comfort settings for the following systems are stored and assigned to the remote master key:
- Climate control
- Central locking system
- Seat memory
- Parking system
- Audi side assist
- Audi drive select

The stored settings are automatically recalled when you unlock the vehicle, when you open the doors or when you turn on the ignition.

WARNING
- Do not leave your vehicle unattended with the key in the ignition lock. Entry by unauthorized persons could endanger you or result in theft or damage to the vehicle. Always lock all doors and take the key.
- Do not leave children unattended in the vehicle, especially with access to vehicle keys. Unsupervised access to the keys provides children the opportunity to start the engine and/or activate vehicle systems such as the power windows etc. Unsuspected operation of any vehicle system by children can result in serious injury.
- Do not remove the key from the ignition lock until the vehicle has come to a complete stop. Otherwise the steering column lock could suddenly engage - causing the risk of an accident.

Power windows

Controls
The driver can operate the window regulator for the driver's door with the left switch and the window regulator for the passenger's door with the right switch.

If the respective switch is pushed or pulled the window will open or close. The power window switches have a two-position function:

Opening the windows
- Push the switch to the first stop and hold it there until the window has lowered to the desired position.
- Push the switch briefly to the second stop; the window will automatically open all the way.

Closing the windows
- Pull the switch up to the first stop and hold it there until the window has raised to the desired position.
- Pull the switch quickly to the second position; the window will automatically close all the way.

Tips
- When the vehicle is locked, the rear lid can be opened separately by pressing the button on the master key. When you close the rear lid again, it locks automatically.
- If the rear lid is open or not properly closed when the ignition is turned on, the door and rear lid warning - page 27 - appears in the instrument cluster display.
**WARNING**
- Do not leave children unattended in the vehicle, especially with access to vehicle keys. Unauthorized use of the keys can result in starting of the engine and use of vehicle systems such as power windows, etc., which could result in serious injury.
- Remember—you can still open or close the power windows for about ten minutes after the ignition is switched off. Only when both of the doors are opened are the power windows switched off.
- Be careful when closing the windows. Check to see that no one is in the way, or serious injury could result.
- Always remove the ignition key whenever you leave your vehicle.
- If you lock your vehicle from the outside, no one, especially children, should remain in the vehicle.
- Do not stick anything on the windows or the windshield that may interfere with the driver's field of vision.

**Tips**
- When you open the doors, the windows automatically lower about 10 mm.
- After the ignition has been switched off, the windows can still be opened or closed for about 10 minutes. The window regulators are not switched until the driver's or passenger's door is opened.

**WARNING**
- Never close the windows and the panoramic tilting sunroof inadvertently and without checking—there is risk of injury.
- You must always watch when the windows are being raised so that no one can be trapped. If you release the key, the closing action is immediately canceled.
- Always read and heed WARNING >> A in "General description" on page 41.

**Correcting window regulator malfunction**
*After disconnecting the vehicle battery, the one-touch up and down feature must be activated again.*
- Pull and hold the power window switch until the window is completely closed.
- Release the switch.
- Pull the switch again for one second. The automatic closing/opening is now reactivated.

**Convenience opening/closing**
*The windows and the panoramic tilting sunroof can be opened and closed with the mechanical key or the emergency key.*

[Diagram of keys and locks]

**Convenience opening feature**
- Use the emergency key or pull the mechanical key out of the master key >> page 40.
- Insert the key into the lock of the driver's door.
- Turn the key to position A until all the windows have reached the desired position and the panoramic tilting sunroof is tilted.

**Convenience closing feature**
- Use the emergency key or pull the mechanical key out of the master key >> page 40.
- Turn the key in the lock of the driver's door to the lock position B until the windows and the panoramic tilting sunroof are closed >> C.

When the panoramic tilting sunroof is tilted closed, the electric sun shade* is also opened/closed.

**Valet parking**
*Through the "valet parking" feature the luggage compartment of your vehicle is secured from unauthorized access during the valet parking service.*

[Diagram of valet parking button]

With "valet parking" activated, the rear lid cannot be opened.
- Take the mechanical key out of the master key >> page 40.
- Open the glove box >> page 89 and activate >> fig. 47 the "valet parking" feature by pressing the [VALET] button. The indicator light in the switch illuminates.
- Close the glove box and lock it with the mechanical key.
- Lock both rear seat backs with the mechanical key >> page 82.
- Lock the luggage compartment pass-through with the mechanical key >> page 82.
- Leave the master key with the service personnel for parking and keep the mechanical key with you.

When the "valet parking" feature is activated:
The unlocking button for the rear lid is inactive.
- the button on the master key is inactive.
- the opening handle in the rear lid is inactive.

The vehicle can be driven and locked and unlocked with the master key. Access to the luggage compartment is blanked.

Panoramic tilting sunroof

Tilting and closing

- To tilt the panoramic tilting sunroof, press the switch briefly.
- To close the panoramic tilting sunroof, pull the switch briefly.
- To set an intermediate position, press/pull the switch until the roof reaches the desired position.

After the ignition is switched off, you can still operate the Panorama for about 10 minutes. As soon as the driver’s or passenger’s door is opened, the switch is inoperative.

Emergency closing of the panoramic tilting sunroof

The panoramic tilting sunroof can be closed manually in an emergency.

Emergency closing function
- Within five seconds after the sunroof opens automatically, pull the switch until the roof closes. The driver’s and front passenger’s doors must be closed.
- If the power emergency closing function is not possible, you must close the roof mechanically.

Mechanical emergency closing
- You will find the screwdriver in the vehicle tool kit ⇒ page 310 and the crank in the fuse cover ⇒ page 320, fig. 247.
- Remove the screw ⇒ fig. 49. Arrow from the lighting unit and pull the lighting unit out carefully.
- Push the crank into the hexagonal hole as far as it will go ⇒ fig. 50 and turn it. The roof will close.

Tips
The crank is easier to turn if you use the screwdriver handle (vehicle tool kit) as an aid.

Sun blind
The sun blind can be opened and closed manually in any position.

⚠️ WARNING
Pay careful attention when closing the panoramic tilting sunroof - otherwise serious injury could result! For this reason, always remove the ignition key when leaving the vehicle.
- Never leave children or persons requiring assistance alone in the vehicle, especially when they could access the vehicle keys. Unauthorized use of the keys can result in the engine being started or use of vehicle systems such as the power windows, etc. which could result in serious injury. The doors could be locked with the remote key, delaying help in an emergency.
- The panoramic tilting sunroof will continue to operate until the ignition key has been removed and one of the front doors has been opened.

Note
Always close your panoramic tilting sunroof when leaving your vehicle. Sudden rain can cause damage to the interior equipment of your vehicle, particularly the electronic equipment.

Tips
- Information on convenience opening/closing ⇒ page 49.
SECTION 7
PLOTS
GTL 6619, NHTSA CA5800.

FMVSS 118, Left Front W/100mm/20N-mm Rod

Force in Newtons.

Time in Seconds

9.6 9.64 9.68 9.72 9.76 9.8 9.84 9.88
GTL 6621, NHTSA CA5800.

FMVSS 118, Right Front W/ 100mm/20Nm Rod

Force in Newtons

Time in Seconds
GTL 6623, NHTSA CA5800.

FMVSS 118, Right Front W/6mm/65N-mm Rod

Time in Seconds

Force in Newtons.