

REPORT NO. 118-KAR-07-004

**SAFETY COMPLIANCE TESTING
FOR FMVSS 118**

**Power-Operated Window, Partition,
And Roof Panel Systems**

2008 ACURA RDX
5-DOOR MPV

NHTSA NO. C85300

PREPARED BY:
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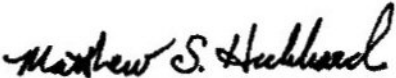
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Final Report


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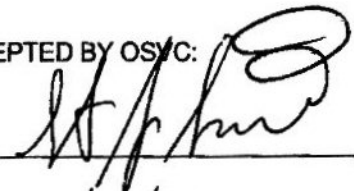
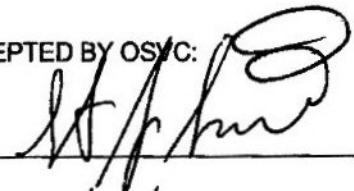
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16. <i>Abstract</i> Compliance tests were conducted on the subject 2008 Acura RDX 5-Door MPV in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP118-05 for the determination of FMVSS 118 compliance. Test failures identified were as follows: None			
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1. PURPOSE OF COMPLIANCE TEST

Tests were conducted on a 2008 Acura RDX 5-Door MPV, manufactured by Honda of America to determine compliance with FMVSS 118 "Power-Operated Window, Partition, and Roof Panel Systems". 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.

All tests were conducted based on the current National Highway Traffic Safety Administration (NHTSA), Office of Vehicle Safety Compliance (OVSC) Laboratory Procedures, TP-118-05, dated March 24, 2005, and corresponding KARCO Engineering test procedure KTP-118, dated March 16, 2004. Detailed procedures for receiving, inspecting, testing and reporting of test results are described in the test procedures and are not repeated in this report.

2. TEST PROCEDURE AND DATA SUMMARY

A 2008 Acura RDX 5-Door MPV was subjected to FMVSS 118 compliance testing. The tests were conducted at KARCO Engineering in Adelanto, California on June 25-26, 2008. FMVSS 118 Compliance testing was performed in the following sequence:

- Vehicle Receiving Photographs
- Test Vehicle Check-in
- Power Window, Partitions and Roof Panel Identification/Documentation
- Interior, Exterior and Remote Control Switch Identification/Documentation
- Pre-Test Operation of all Power Windows, Partitions and Roof Panels
- Photograph Vehicle Ignition Switch and Master and Individual Power Window, Partition and Roof Panel Switches
- Perform Ignition Switch off Test
- Perform Ignition Key Removed Test
- Perform Exterior Key Locking System Test
- Perform Remote Control System Test
- Perform Reversal System Test

DATA SUMMARY

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

SWITCH ACTUATION

WINDOWS, PARTITIONS, ROOF PANEL SWITCHES	INTERIOR KEY LOCKING SYSTEM			EXTERIOR LOCKING SYSTEM (PASS / FAIL)
	IGNITION KEY OFF (PASS/FAIL)	IGNITION KEY REMOVED (PASS/FAIL)	IGNITION KEY REMOVED DOOR OPEN (PASS/FAIL)	
MASTER SWITCH PANEL				
Left Front (LF)	PASS	PASS	PASS	N/A
Right Front (RF)	PASS	PASS	PASS	N/A
Left Rear (LR)	PASS	PASS	PASS	N/A
Right Rear (RR)	PASS	PASS	PASS	N/A
Tail Gate (TG)	N/A	N/A	N/A	N/A
Partition	N/A	N/A	N/A	N/A
Roof Panel (RP)	PASS	PASS	PASS	N/A
INDIVIDUAL SWITCHES				
Left Front (LF)	PASS	PASS	PASS	N/A
Right Front (RF)	PASS	PASS	PASS	N/A
Left Rear (LR)	PASS	PASS	PASS	N/A
Right Rear(RR)	PASS	PASS	PASS	N/A
Tail Gate (TG)	N/A	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A	N/A
Roof Panel (RP)	PASS	PASS	PASS	N/A

REMARKS: The master switch control panel is located on the driver's side door panel and includes the individual left front window switch. Vehicle passed as soon as ignition key "off" test was performed.

DATA SUMMARY...(CONTINUED)

REMOTE ACTUATION DEVICE

VEHICLE ORIENTATION REMOTE ACTUATION DEVICE	NON-LINE OF SIGHT REMOTE (METERS)	LINE OF SIGHT REMOTE (METERS)
FRONT	N/A	N/A
DRIVER SIDE	N/A	N/A
PASSENGER SIDE	N/A	N/A
REAR	N/A	N/A

WPRP OBSTRUCTION FORCE REVERSAL

WINDOW, PARTITION, ROOF PANEL	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
LEFT FRONT (LF)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
RIGHT FRONT (RF)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
LEFT REAR (LR)	N/A	N/A
RIGHT REAR (RR)	N/A	N/A
PARTITION (P)	N/A	N/A
ROOF PANEL (RP)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
TAIL GATE (TG)	N/A	N/A

REMARKS: The master switch control panel is located on the driver's side door panel and includes the individual left front window switch. Vehicle passed as soon as ignition key "off" test was performed.

The subject 2008 Acura RDX 5-Door MPV appeared to meet the requirements of FMVSS 118.

3. TEST DATA

**DATA SHEET NO. 1
VEHICLE IDENTIFICATION**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Identify Vehicle equipped WPRP and WPRP controls

	LEFT FRONT	LEFT REAR	RIGHT FRONT	RIGHT REAR	TAIL GATE	PARTITION	ROOF PANEL
Power Windows	X	X	X	X	N/A	N/A	X
Interior Switches	X	X	X	X	N/A	N/A	X
Master Control Panel	X	X	X	X	N/A	N/A	N/A
Exterior Switches	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Remote Controller	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Auto-Reverse	X	N/A	X	N/A	N/A	N/A	X

Master Control Panel Location: Driver Side Door Panel

Remote Control: None

Window Switch Design: Master Control Switches – Flush Mounted Rocker Switch push down to open, pull up to close.
Individual Window Switches – Flush Mounted Rocker Switch push down to open, pull up to close.

Exterior Control Switch: None

Sunroof: Flush Mounted Rocker Switch, push down rearward to open, push down forward to close.

REMARKS: Master control panel switch is located in the driver side door panel. Individual switches are located on the door panel for each door. The sunroof switch is located in the center of the header. On this vehicle the reversal feature is not required because the windows appear to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY: MATTHEW S. HUBBARD

DATE: 06/26/08

APPROVED BY: MICHAEL L. DUNLAP

DATE: 06/26/08

DATA SHEET NO. 2
IGNITION KEY OFF TEST

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Pre-Test Check: Window, Partition, Roof Panel Systems operate with Ignition Switch in "ON" Position	YES	X	NO	
Pre-Test Check: Window, Partition, Roof Panel Systems operate with Ignition Switch in "ACCESSORY" Position	YES		NO	X

WINDOW SWITCHES	DOORS CLOSED		LEFT DOOR OPEN		RIGHT DOOR OPEN		PASS/FAIL
	INOP.	OPER.	INOP.	OPER.	INOP.	OPER.	

MASTER

Left Front (LF)	X	N/A	X	N/A	X	N/A	PASS
Right Front (RF)	X	N/A	X	N/A	X	N/A	PASS
Left Rear (LR)	X	N/A	X	N/A	X	N/A	PASS
Right Rear (RR)	X	N/A	X	N/A	X	N/A	PASS
Tail Gate (TG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roof Panel (RP)	X	N/A	X	N/A	X	N/A	PASS

INDIVIDUAL

Left Front (LF)	X	N/A	X	N/A	X	N/A	PASS
Right Front (RF)	X	N/A	X	N/A	X	N/A	PASS
Left Rear (LR)	X	N/A	X	N/A	X	N/A	PASS
Right Rear (RR)	X	N/A	X	N/A	X	N/A	PASS
Tail Gate (TG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roof Panel (RP)	X	N/A	X	N/A	X	N/A	PASS

REMARKS: The master left front switch is the same as the individual left front switch. Test was performed with key in the "Lock" position. For the pre-test check in the "Accessory" position the key was moved from the "Lock" position to the "Accessory" position without cycling through the "On" position or starting the engine. Vehicle passed as soon as ignition "off" test was performed.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

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DATE: **06/26/08**

DATA SHEET NO. 3
IGNITION KEY REMOVED TEST

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

WINDOW SWITCHES	DOORS CLOSED		LEFT DOOR OPEN		RIGHT DOOR OPEN		PASS/FAIL
	INOP.	OPER.	INOP.	OPER.	INOP.	OPER.	
MASTER							
Left Front (LF)	N/A	X	X	N/A	X	N/A	PASS
Right Front (RF)	N/A	X	X	N/A	X	N/A	PASS
Left Rear (LR)	N/A	X	X	N/A	X	N/A	PASS
Right Rear (RR)	N/A	X	X	N/A	X	N/A	PASS
Tail Gate (TG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roof Panel (RP)	N/A	X	X	N/A	X	N/A	PASS
INDIVIDUAL							
Left Front (LF)	N/A	X	X	N/A	X	N/A	PASS
Right Front (RF)	N/A	X	X	N/A	X	N/A	PASS
Left Rear (LR)	N/A	X	X	N/A	X	N/A	PASS
Right Rear (RR)	N/A	X	X	N/A	X	N/A	PASS
Tail Gate (TG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roof Panel (RP)	N/A	X	X	N/A	X	N/A	PASS

REMARKS: The master left front switch is the same as the individual left front switch. Vehicle passed as soon as ignition key "off" test was performed.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

APPROVED BY: **MICHAEL L. DUNLAP**

DATE: **06/26/08**

**DATA SHEET NO. 4
EXTERIOR KEY LOCKING SYSTEM**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

EXTERIOR LOCKING CONTROL SWITCH TEST				
Can Any WPRP Be Operated by Directly Using A Key in an Exterior Locking Control Switch?	Yes	N/A	No	X
If Yes: Is Continuous Activation of the Switch Required	Yes	N/A	No	X

IDENTIFY WINDOW, PARTITION AND ROOF PANEL POSITIONS WHICH ARE OPERABLE WITH EXTERIOR KEY.

LOCATION	OPERABLE W/KEY		CONTINUOUS ACTION		PASS / FAIL
	YES	NO	YES	NO	
LEFT FRONT (LF)	N/A	N/A	N/A	N/A	N/A
RIGHT FRONT (RF)	N/A	N/A	N/A	N/A	N/A
LEFT REAR (LR)	N/A	N/A	N/A	N/A	N/A
RIGHT REAR (RR)	N/A	N/A	N/A	N/A	N/A
PARTITION (P)	N/A	N/A	N/A	N/A	N/A
ROOF PANEL (RP)	N/A	N/A	N/A	N/A	N/A
TAIL GATE (TG)	N/A	N/A	N/A	N/A	N/A

REMARKS: Vehicle is not equipped with an exterior key locking system capable of opening windows.

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DATE: 06/26/08

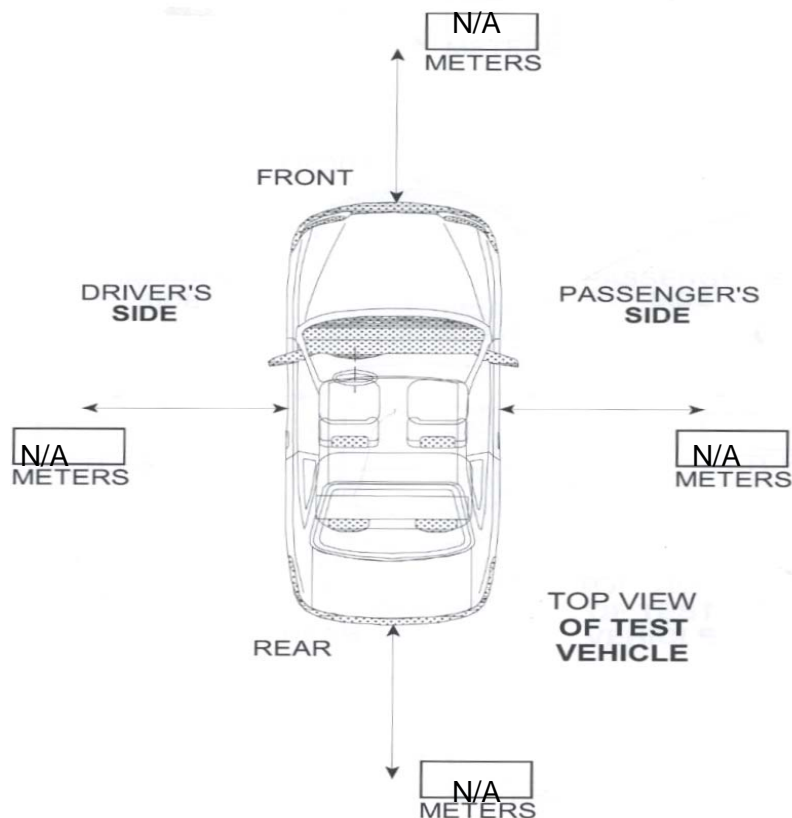
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DATE: 06/26/08

DATA SHEET NO. 5
MAXIMUM OPERATING RANGE FOR LINE-OF-SIGHT REMOTE

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

If range of operation exceeds 11 meters in any of the below measured directions, the window, partition, and roof panel must meet the reversing requirements of FMVSS 118. Continuous activation of remote device is required to close windows, partition and roof panel YES () NO ().



REMARKS: The vehicle is not equipped with a remote actuation device that allows the windows to be opened.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

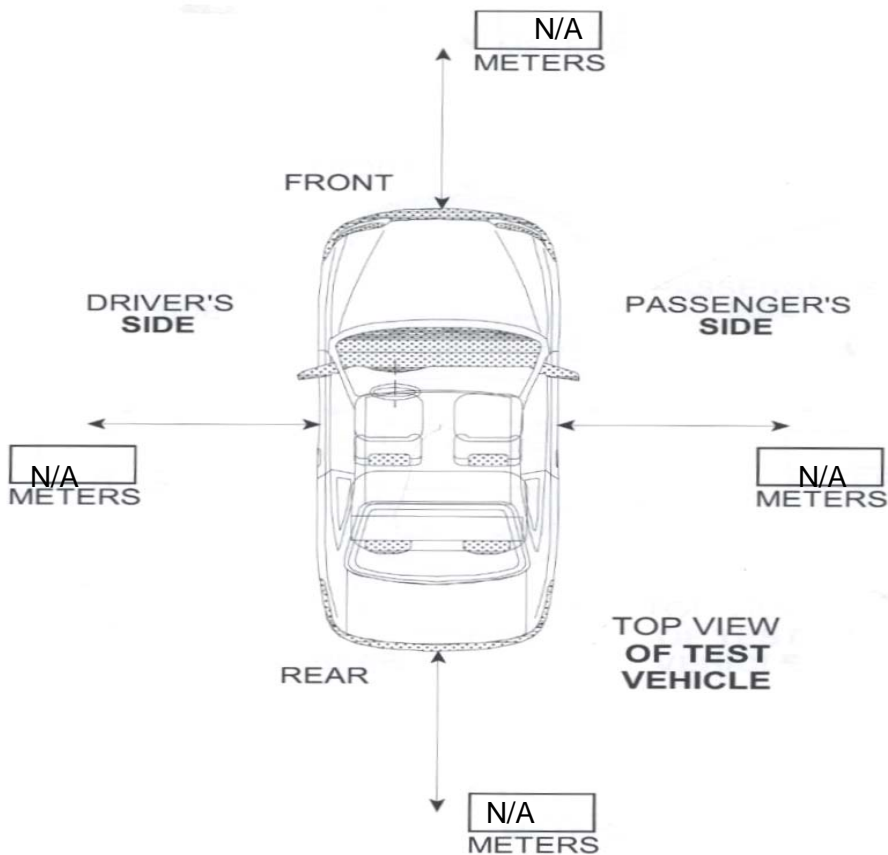
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DATE: **06/26/08**

DATA SHEET NO. 6
MAXIMUM OPERATING RANGE FOR NON-LINE-OF-SIGHT REMOTE

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

If range of operation exceeds 6 meters in any of the below measured directions, the window, partition, and roof panel must meet the reversing requirements of FMVSS 118. Continuous activation of remote device is required to close windows, partition and roof panel YES () NO ().



REMARKS: The vehicle is not equipped with a remote actuation device that allows the windows to be opened.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

APPROVED BY: **MICHAEL L. DUNLAP**

DATE: **06/26/08**

**DATA SHEET NO. 7
AUTO REVERSAL**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

IDENTIFY WINDOW, PARTITION AND ROOF PANEL POSITIONS WHICH ARE EQUIPPED WITH AUTO REVERSAL.

Is vehicle equipped with Auto Reversal	YES	X	NO	
--	-----	----------	----	--

SWITCHES EQUIPPED WITH AUTO REVERSAL	MASTER	INDIVIDUAL
LEFT FRONT (LF)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
RIGHT FRONT (RF)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
LEFT REAR (LR)	N/A	N/A
RIGHT REAR (RR)	N/A	N/A
PARTITION (P)	N/A	N/A
ROOF PANEL (RP)	See Data Sheets 8, 9 & 10	See Data Sheets 8, 9 & 10
TAIL GATE (TG)	N/A	N/A

REMARKS: The master switch is the same as the individual switch. The vehicle passed as soon as ignition key "off" was performed. The reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

APPROVED BY: **MICHAEL L. DUNLAP**

DATE: **06/26/08**

**DATA SHEET NO. 8
AUTO REVERSAL**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Distance window is open from top seam to start position.

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WPRP OBSTRUCTION FORCE REVERSAL

LEADING EDGE LEFT FRONT WINDOW	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
5mm semi rigid rod	114.6	193.3
25mm semi rigid rod	110.3	171.2
50mm semi rigid rod	72.9	141.0
100mm semi rigid rod	58.4	91.5
200mm semi rigid rod	152.4	73.2

WPRP OBSTRUCTION FORCE REVERSAL

REAR EDGE LEFT FRONT WINDOW	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
5mm semi rigid rod	97.9	198.8
25mm semi rigid rod	98.1	179.7
50mm semi rigid rod	70.7	153.9
100mm semi rigid rod	92.8	123.7
200mm semi rigid rod	133.5	83.1

REMARKS: The master switch is the same as the individual switch. The vehicle passed as soon as ignition key "off" was performed. The reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

APPROVED BY: **MICHAEL L. DUNLAP**

DATE: **06/26/08**

**DATA SHEET NO. 9
AUTO REVERSAL**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Distance window is open from top seam to start position.

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WPRP OBSTRUCTION FORCE REVERSAL

LEADING EDGE RIGHT FRONT WINDOW	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
5mm semi rigid rod	105.5	197.9
25mm semi rigid rod	92.9	168.9
50mm semi rigid rod	78.3	137.6
100mm semi rigid rod	87.7	92.0
200mm semi rigid rod	137.4	80.5

WPRP OBSTRUCTION FORCE REVERSAL

REAR EDGE RIGHT FRONT WINDOW	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
5mm semi rigid rod	98.0	200.1
25mm semi rigid rod	93.0	181.2
50mm semi rigid rod	82.0	155.9
100mm semi rigid rod	91.4	106.1
200mm semi rigid rod	124.1	85.9

REMARKS: The master switch is the same as the individual switch. The vehicle passed as soon as ignition key "off" was performed. The reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

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DATE: **06/26/08**

**DATA SHEET NO. 10
AUTO REVERSAL**

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Distance window is open from top seam to start position.

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WPRP OBSTRUCTION FORCE REVERSAL

CENTER EDGE SUNROOF WINDOW	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
5mm semi rigid rod	27.9	263.0
25mm semi rigid rod	54.8	238.7
50mm semi rigid rod	44.2	210.4
100mm semi rigid rod	62.4	159.2
200mm semi rigid rod	82.6	77.2

REMARKS: The master switch is the same as the individual switch. The vehicle passed as soon as ignition key "off" was performed. The reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **06/26/08**

APPROVED BY: **MICHAEL L. DUNLAP**

DATE: **06/26/08**

4. PHOTOGRAPHS

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2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 118

Figure 1: Frontal ¾ View From Right Side of Vehicle



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 118

Figure 2: Rear ¾ View From Left Side of Vehicle

MFD. BY HONDA OF AMERICA MFG., INC. 08/07
GVWR 2220KG(4894LBS) TIRE SIZE RIM SIZE
GAWR F 1155KG(2546LBS) P235/55R18 99V 18X7 1/2J
GAWR R 1080KG(2381LBS) P235/55R18 99V 18X7 1/2J

THIS VEHICLE CONFORMS TO ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY
AND THEFT PREVENTION STANDARDS IN EFFECT
ON THE DATE OF MANUFACTURE SHOWN ABOVE.

V.I.N.: 5J8TB18288A002184 TYPE: MPV




STK 8 AA5 - NH603PX - B - A

2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 118

Figure 3: Vehicle Certification Label

KA



TIRE AND LOADING INFORMATION

SEATING CAPACITY

TOTAL 5 FRONT 2 REAR 3

The combined weight of occupants and cargo should never exceed 395kg or 870lbs

TIRE	SIZE	COLD TIRE PRESSURE
FRONT	P235/55R18 99V	220KPA, 32PSI
REAR		220KPA, 32PSI
SPARE	T165/80D17 104M	420KPA, 60PSI

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

2008 ACURA RDX
 NHTSA NO. C85300
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Figure 4: Tire Information Placard



Figure 5: Ignition Switch

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NHTSA NO. C85300
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Figure 6: Left Front Master Power Window Switch

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NHTSA NO. C85300
FMVSS NO. 118



Figure 7: Right Front Power Window Switch

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NHTSA NO. C85300
FMVSS NO. 118



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 118

Figure 8: Left Rear Power Window Switch



Figure 9: Right Rear Power Window Switch

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FMVSS NO. 118



2008 ACURA RDX
NHTSA NO. C85300
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Figure 10: Sunroof Power Window Switch



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Figure 11: Overall Test Set-Up



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Figure 12: Instrumentation



Figure 13: Left Front Window

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NHTSA NO. C85300
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2008 ACURA RDX
NHTSA NO. C85300
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Figure 14: Test Set-Up Left Front Window



Figure 15: Right Front Window

2008 ACURA RDX
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Figure 16: Test Set-Up of Right Front Window

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Figure 17: Sunroof Window

2008 ACURA RDX
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Figure 18: Test Set-Up Sunroof Window

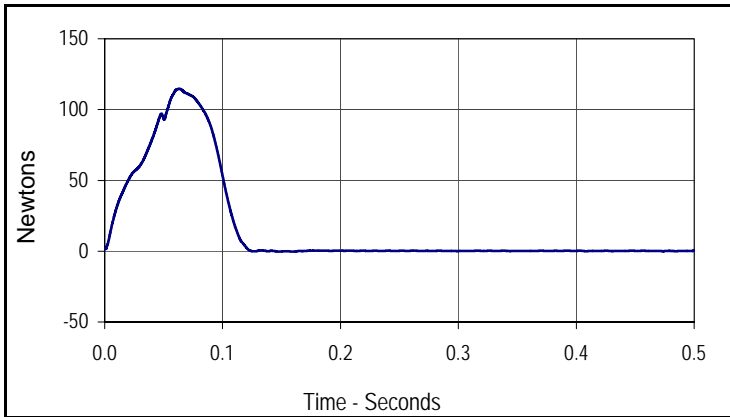
2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 118

5. DATA PLOTS

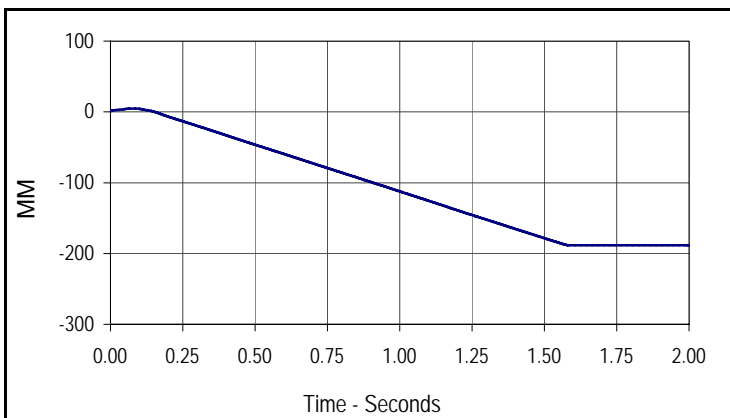
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Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

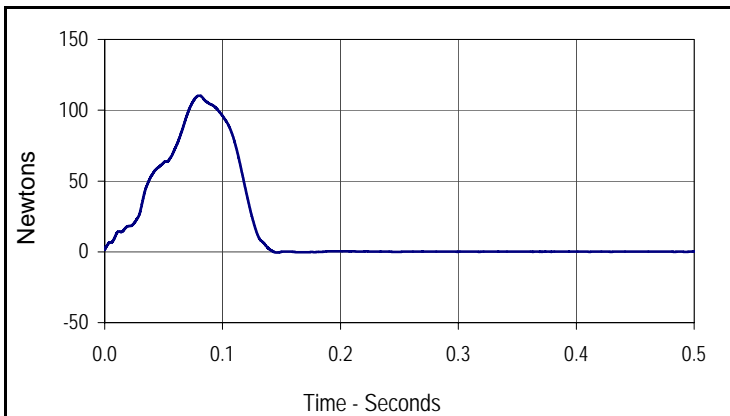
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



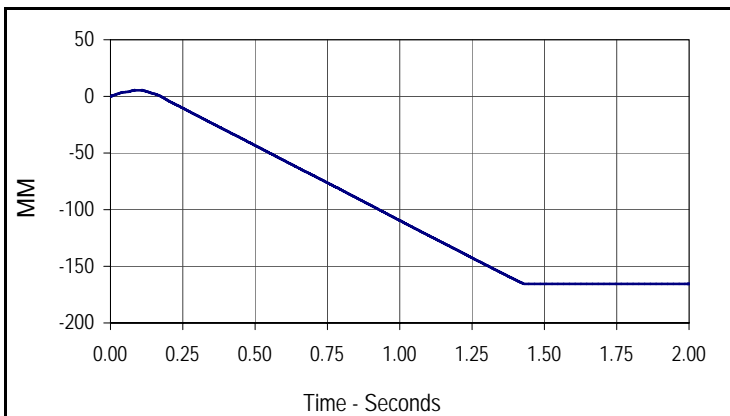
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CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
114.6	0.1	-0.4	1.6



Curve Description			
Window Travel 5MM Leading Edge			
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002	FIL	180	MM
Max	Time	Min	Time
4.9	0.1	-188.4	1.6



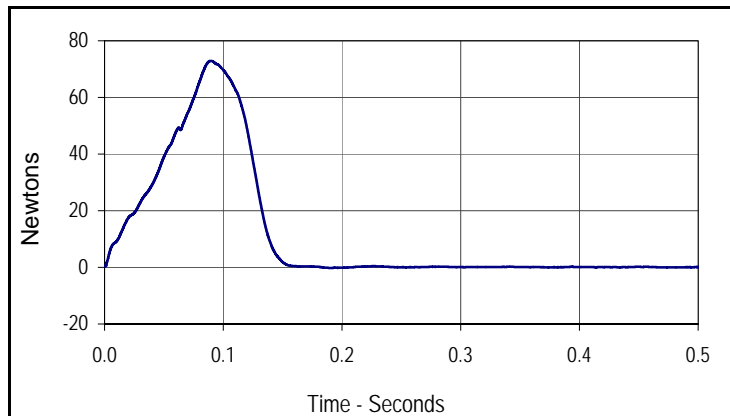
Curve Description			
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Max	Time	Min	Time
110.3	0.1	-0.7	1.4



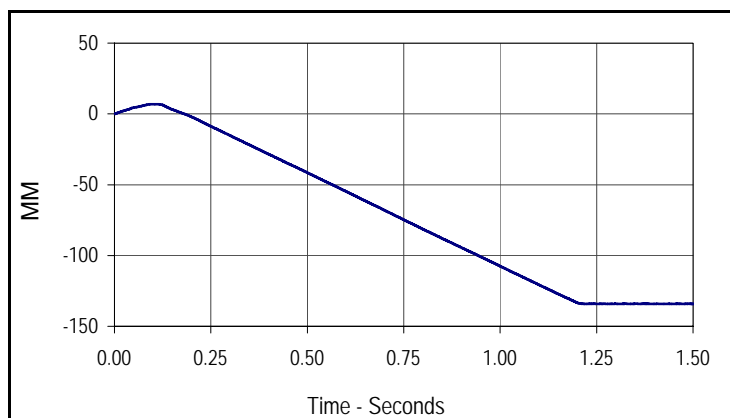
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CURNO	Type	SAE Class	Units
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Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

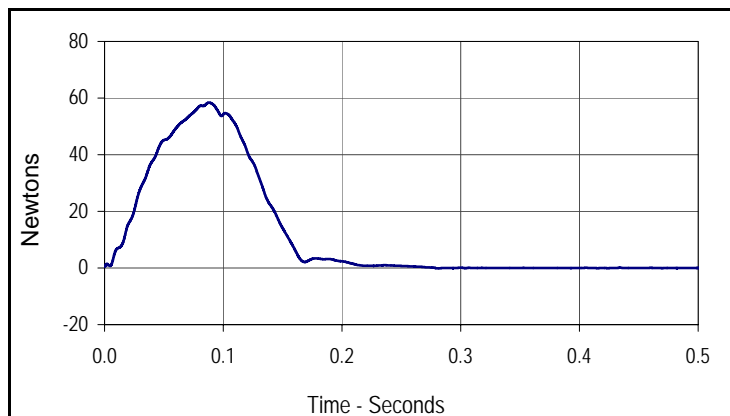
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



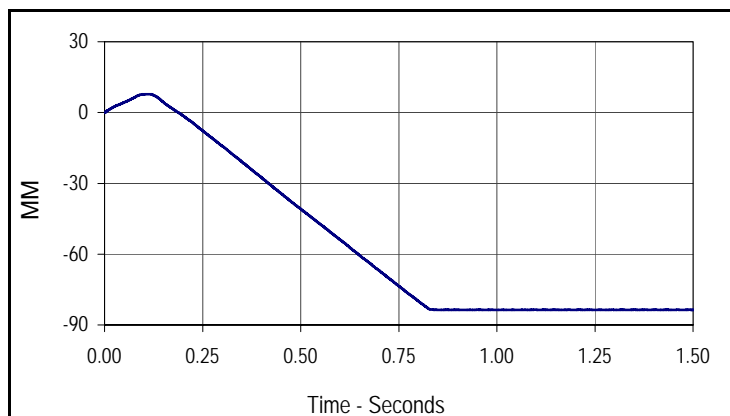
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Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
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Max	Time	Min	Time
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Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.8	0.1	-134.2	1.6



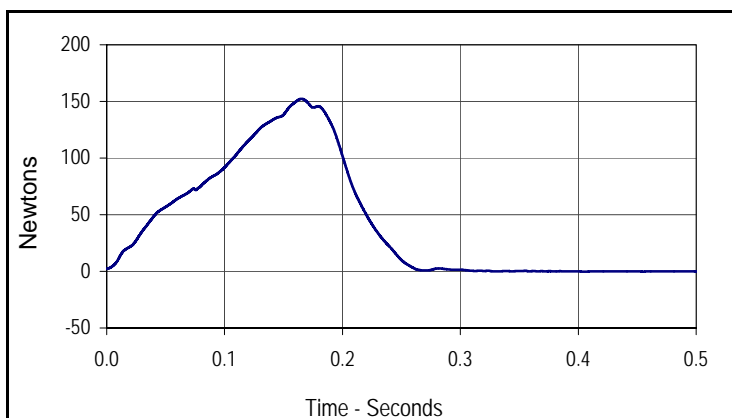
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Max	Time	Min	Time
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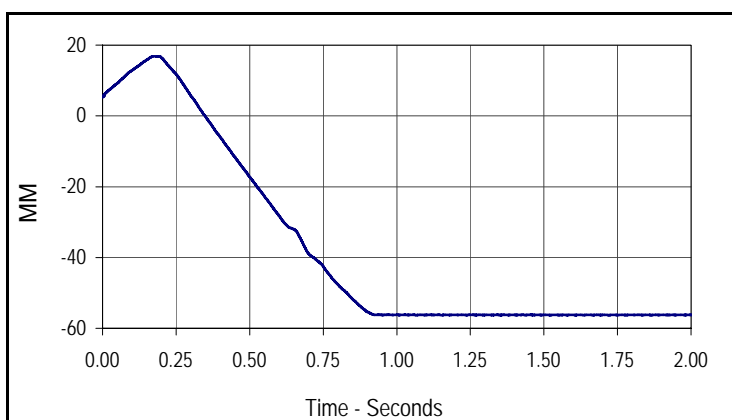
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Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.8	0.1	-83.7	1.6

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



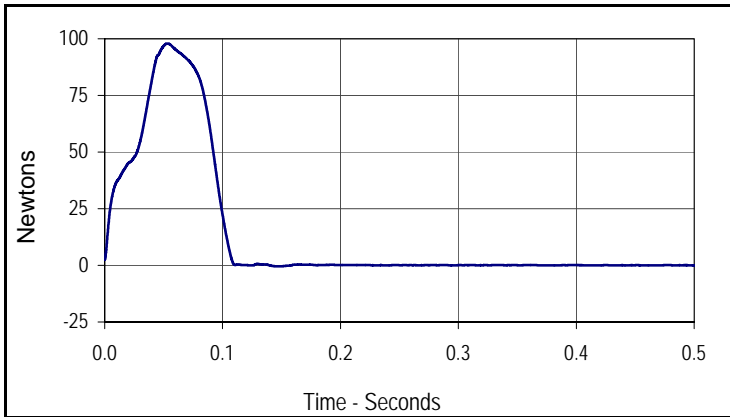
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001	FIL	180	Newtons
Max	Time	Min	Time
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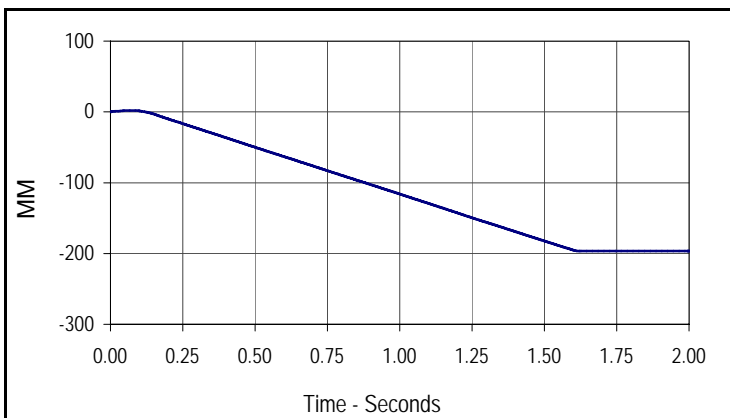
Curve Description			
Window Travel 200MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
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Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

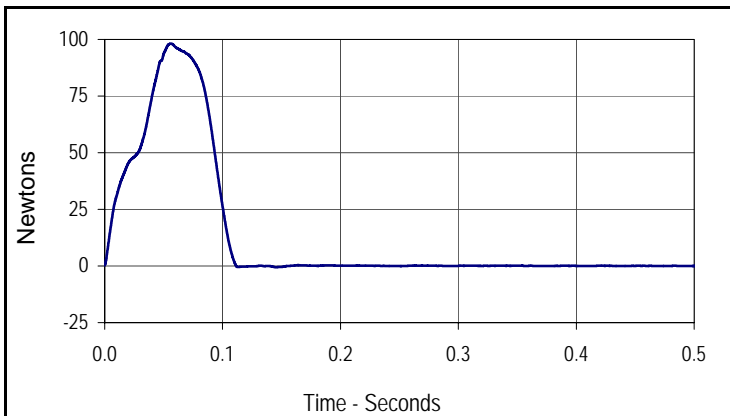
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



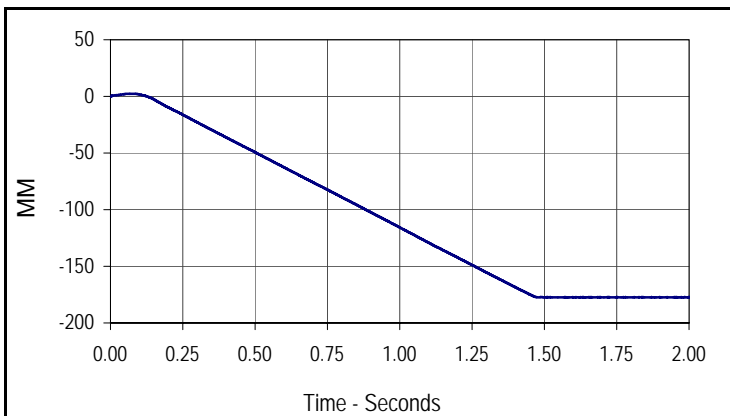
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
97.9	0.1	-0.5	1.6



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
2.1	0.1	-196.7	2.0



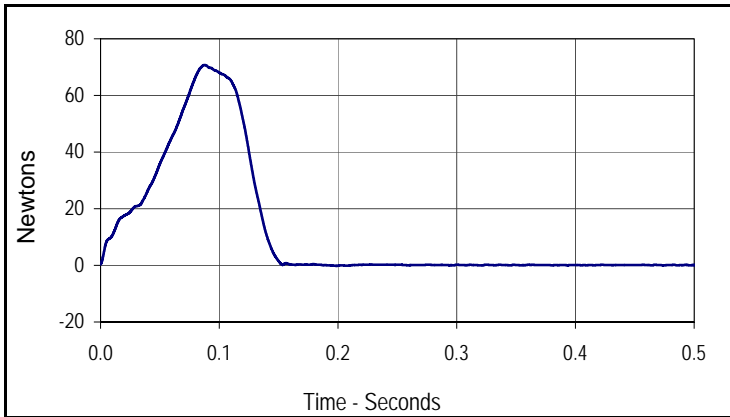
Curve Description			
Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
98.1	0.1	-0.6	0.1



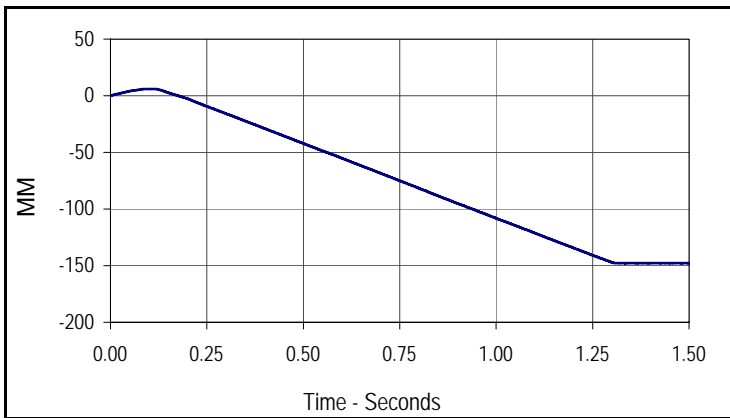
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
2.3	0.1	-177.4	1.8

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

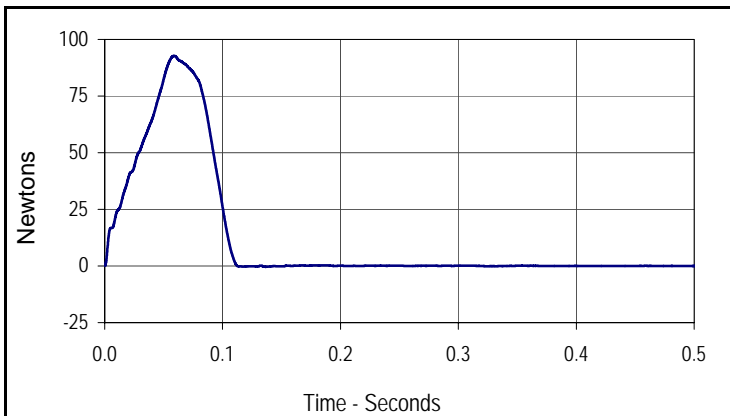
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



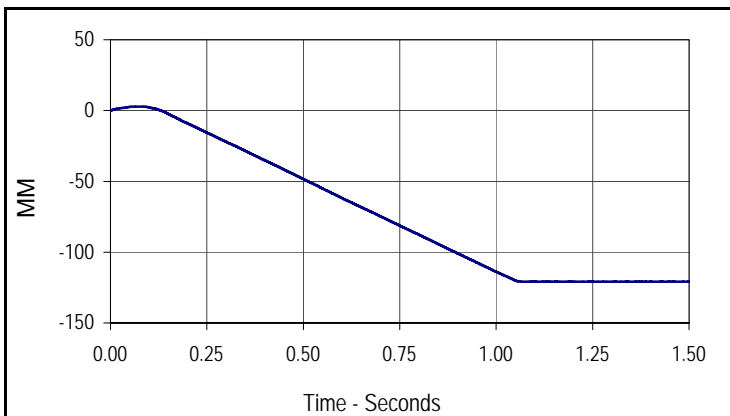
Curve Description			
Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
70.7	0.1	-0.5	1.3



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.0	0.1	-147.9	1.7



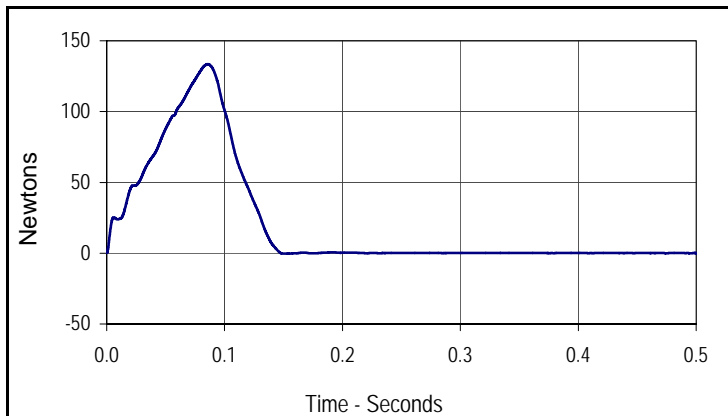
Curve Description			
Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
92.8	0.1	-0.6	1.1



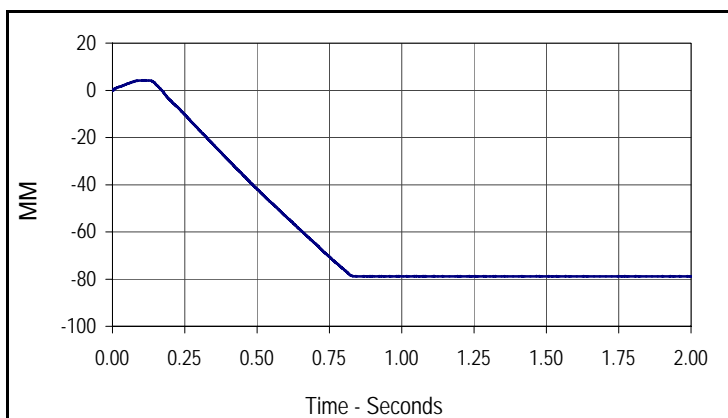
Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
2.9	0.1	-120.8	2.0

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Left Front Window)

Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



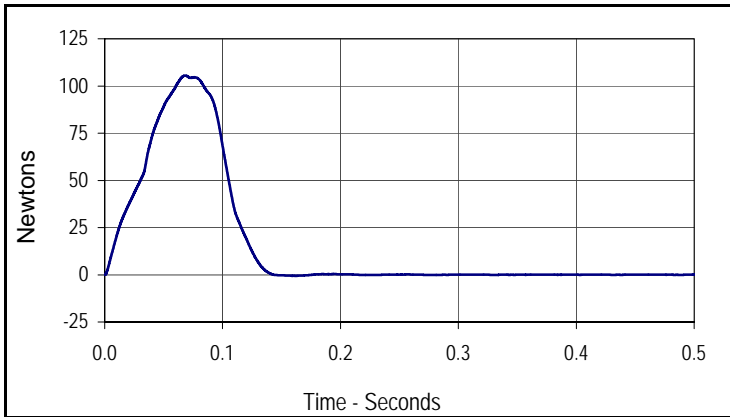
Curve Description			
Window Force 200MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
133.5	0.1	-0.7	0.8



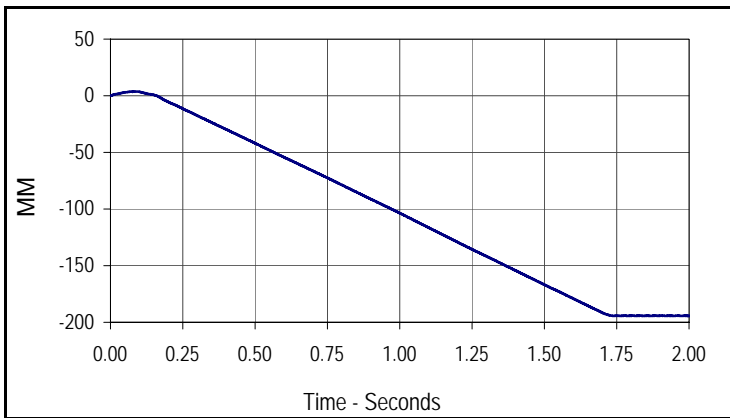
Curve Description			
Window Travel 200MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
4.2	0.1	-78.9	1.7

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

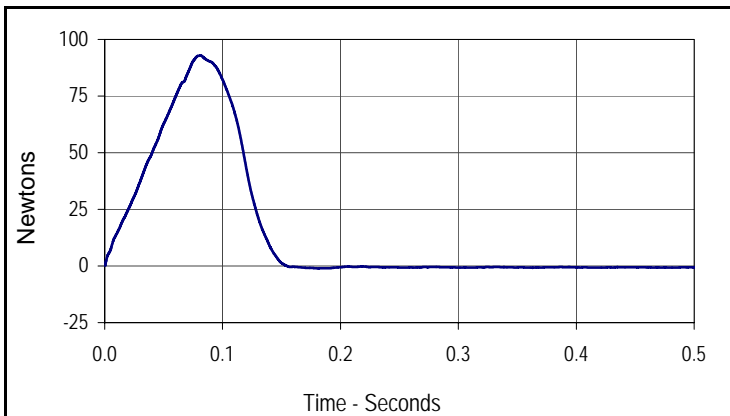
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



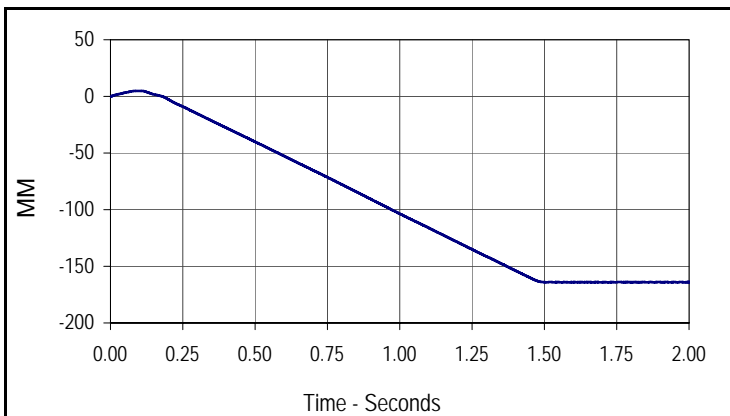
Curve Description			
Window Force 5MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
105.5	0.1	-0.5	0.2



Curve Description			
Window Travel 5MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
3.6	0.1	-194.3	1.8



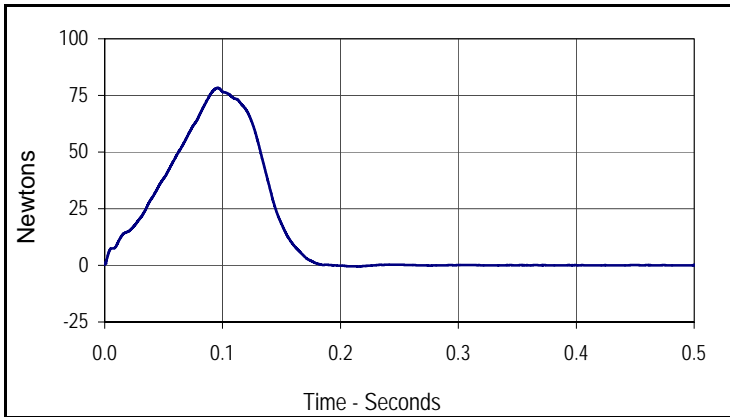
Curve Description			
Window Force 25MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
92.9	0.1	-1.1	0.2



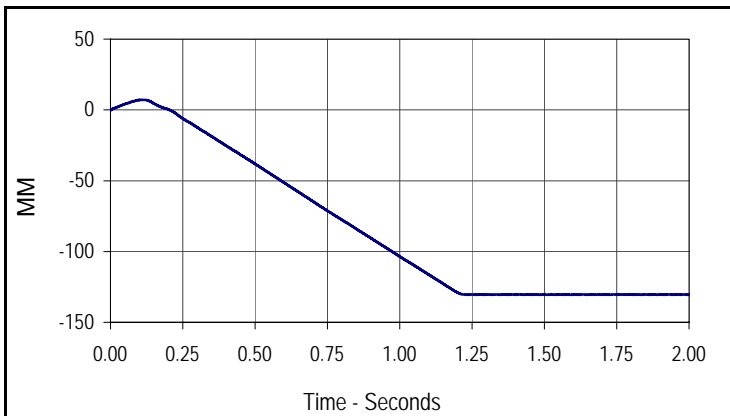
Curve Description			
Window Travel 25MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
4.8	0.1	-164.1	1.7

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

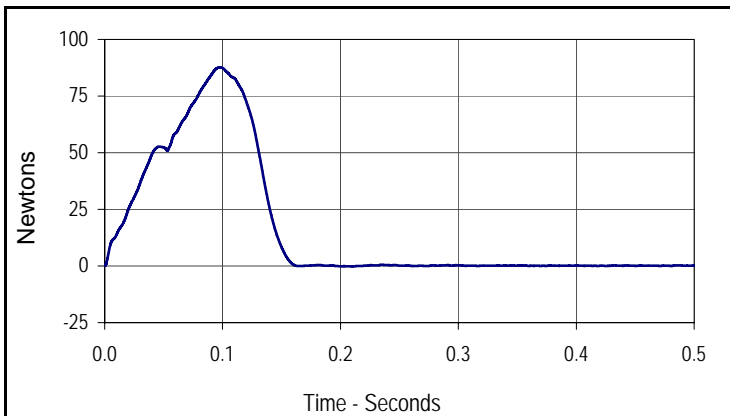
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



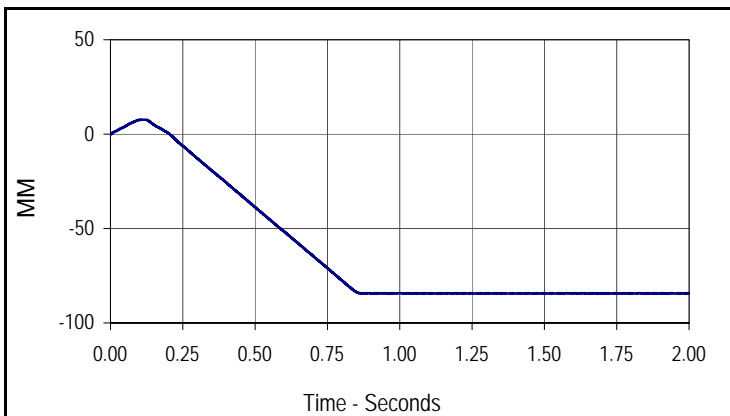
Curve Description			
Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
78.3	0.1	-0.5	0.2



Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.1	0.1	-130.5	1.4



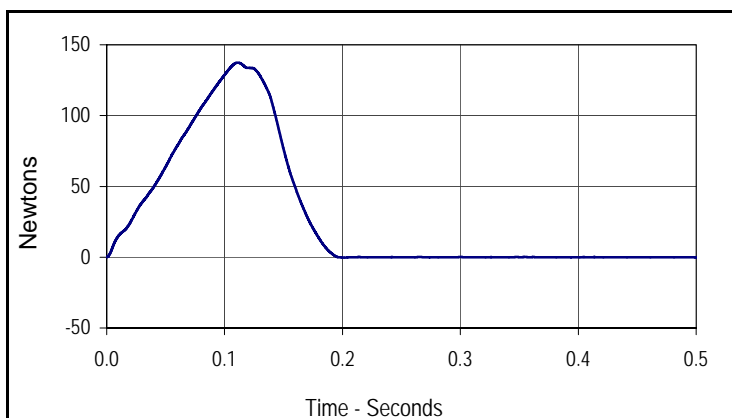
Curve Description			
Window Force 100MM Leading Edge			
CURNO	Type	SAE Class	Units
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Max	Time	Min	Time
87.7	0.1	-0.2	0.2



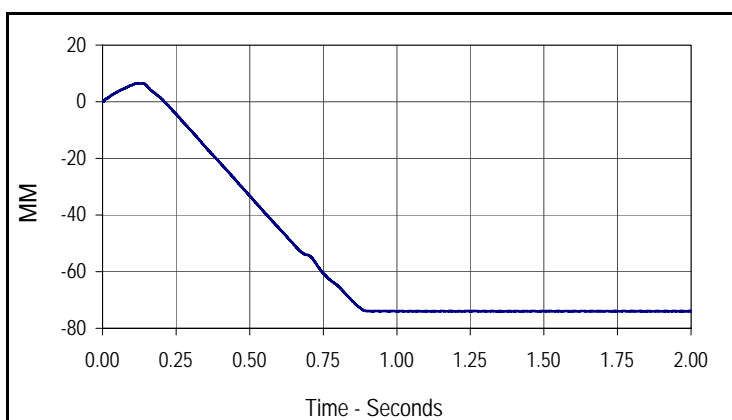
Curve Description			
Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.6	0.1	-84.4	1.9

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



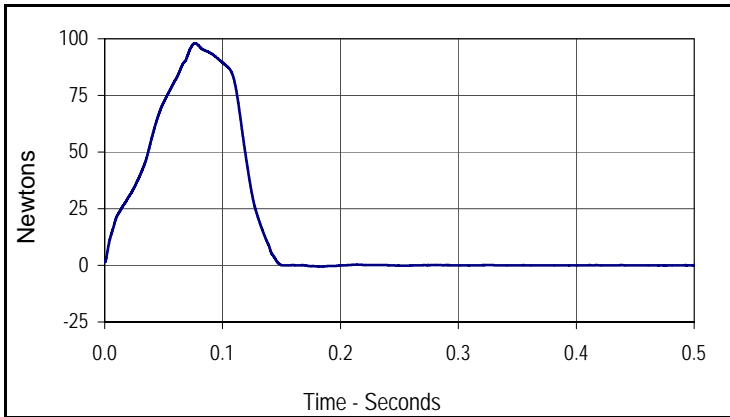
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Window Force 200MM Leading Edge			
CURNO	Type	SAE Class	Units
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Max	Time	Min	Time
137.4	0.1	-11.2	0.7



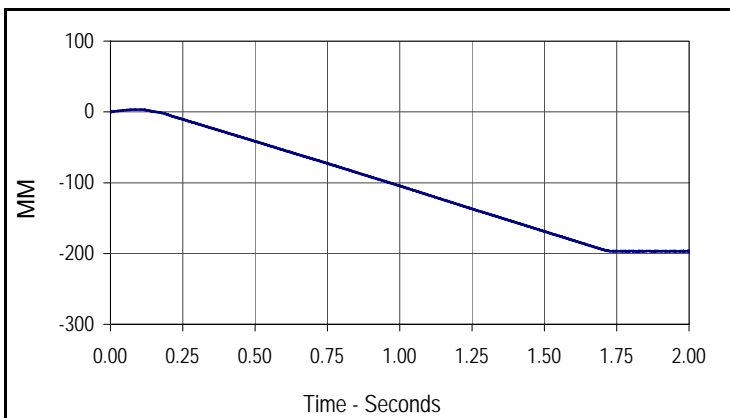
Curve Description			
Window Travel 200MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.5	0.1	-74.0	1.6

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

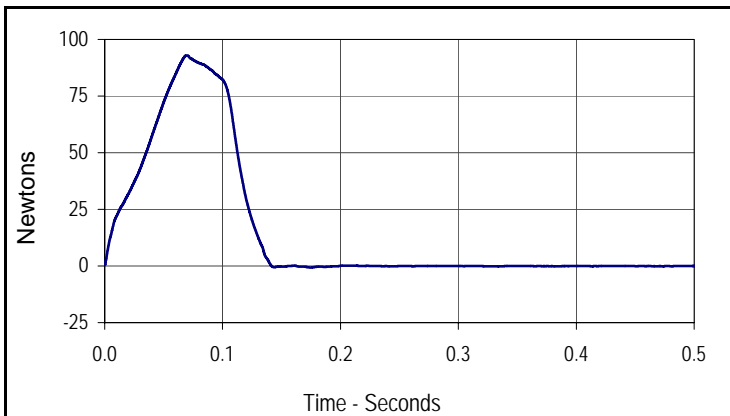
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



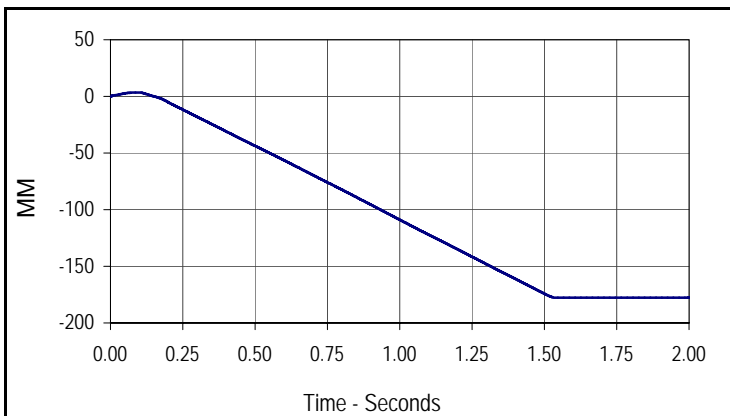
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
98.0	0.1	-0.7	1.7



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
3.3	0.1	-196.8	1.8



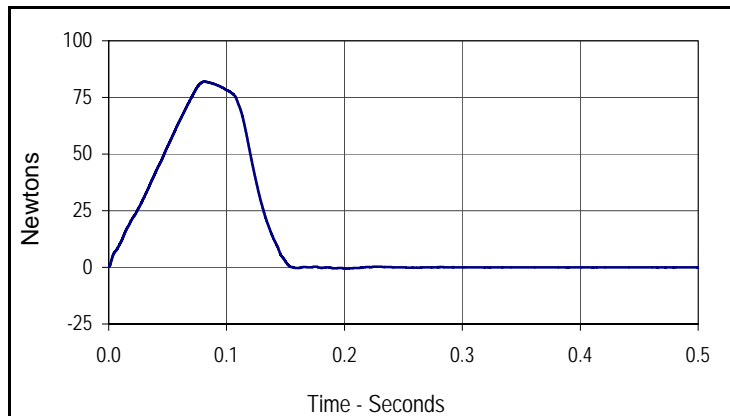
Curve Description			
Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
93.0	0.1	-0.8	1.5



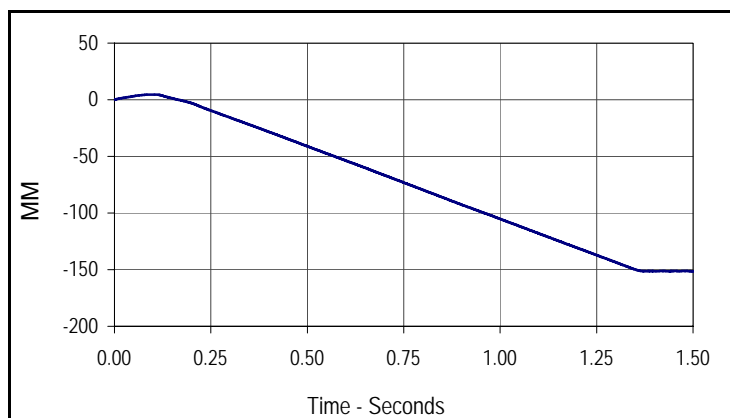
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
3.4	0.1	-177.8	1.7

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

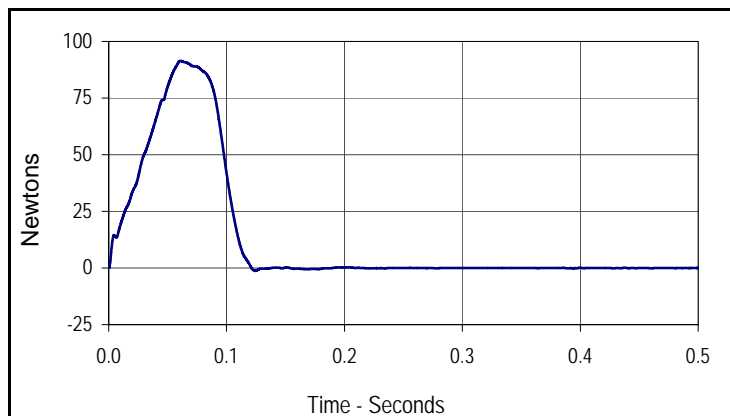
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



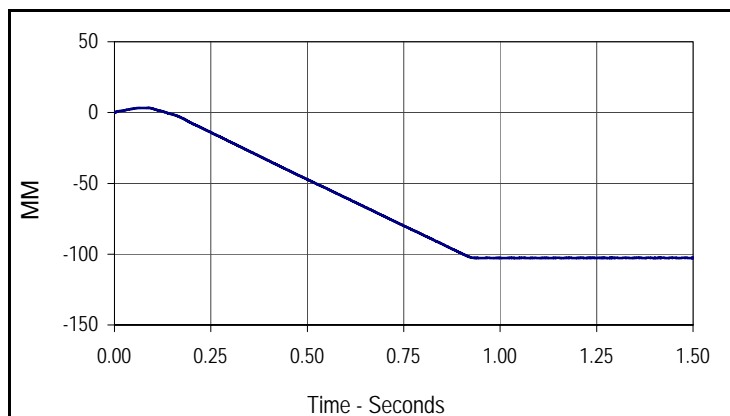
Curve Description			
Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
82.0	0.1	-0.7	1.4



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
4.5	0.1	-151.4	1.7



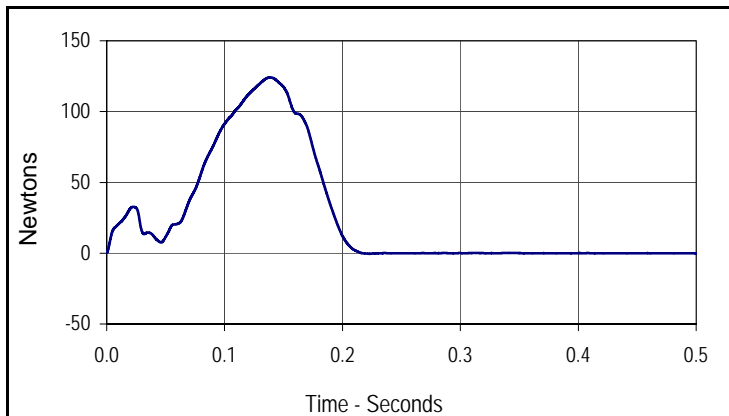
Curve Description			
Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
91.4	0.1	-1.2	0.1



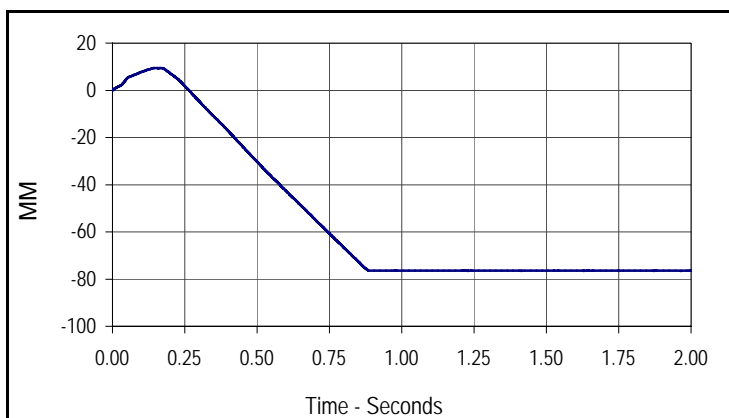
Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
3.3	0.1	-102.8	1.1

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Right Front Window)

Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



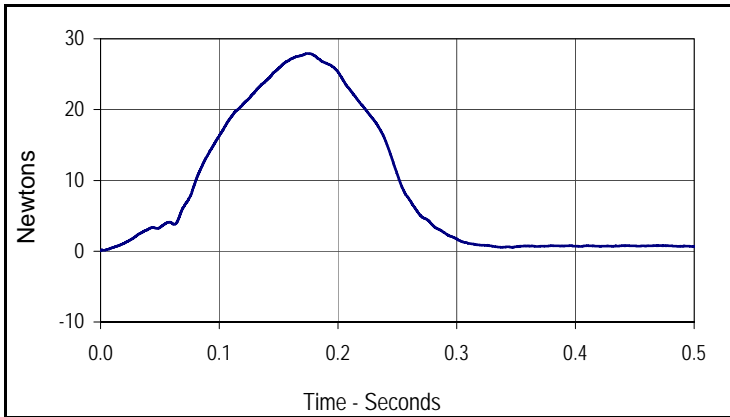
Curve Description			
Window Force 200MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
124.1	0.1	-0.6	0.9



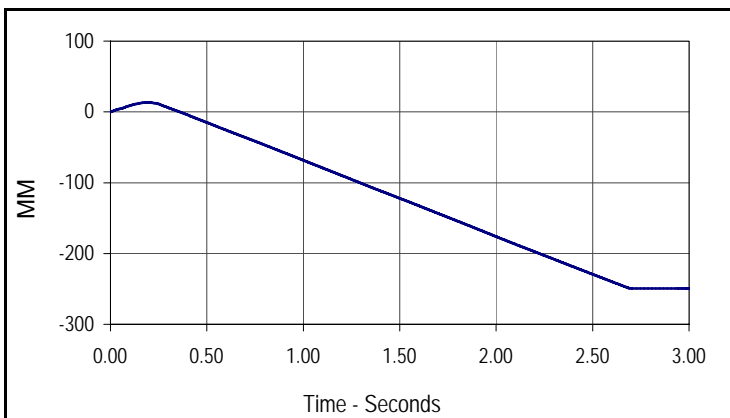
Curve Description			
Window Travel 200MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.4	0.1	-76.5	1.4

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Sun Roof Window)

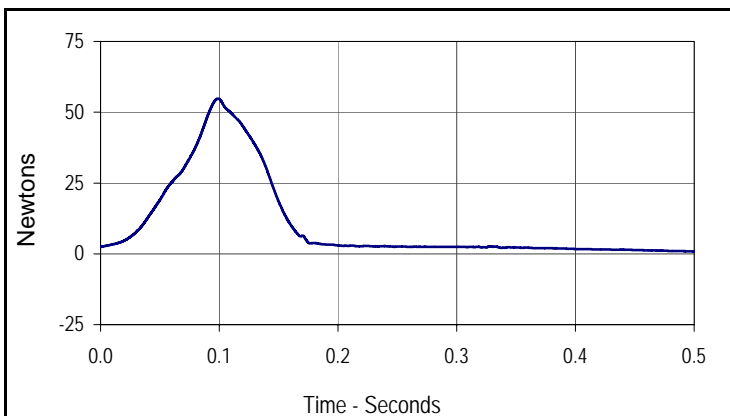
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



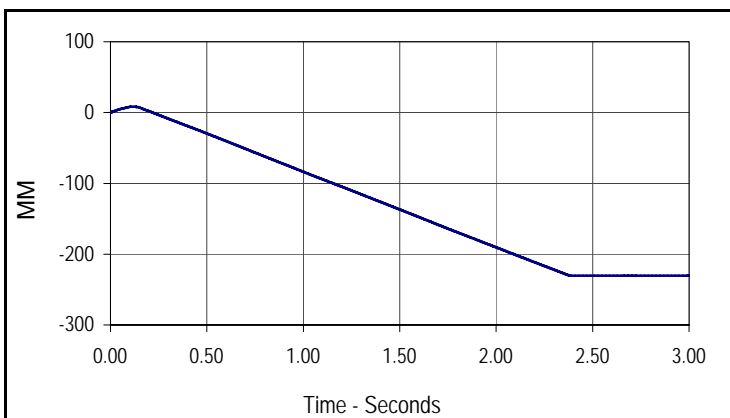
Curve Description			
Window Force 5MM Center Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
27.9	0.2	-0.8	2.9



Curve Description			
Window Travel 5MM Center Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
13.5	0.2	-249.5	2.9



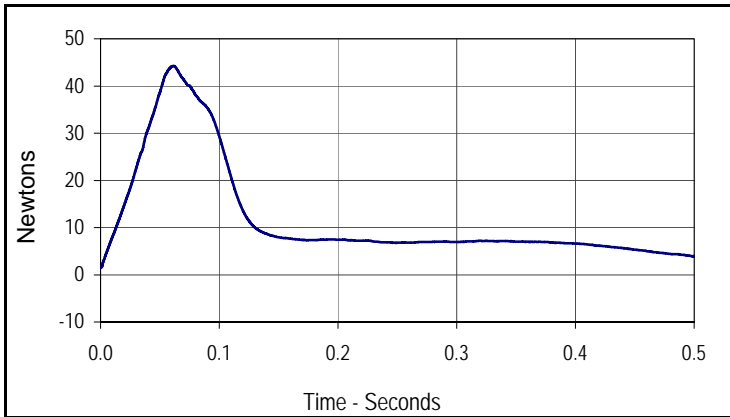
Curve Description			
Window Force 25MM Center Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
54.8	0.1	0.0	2.3



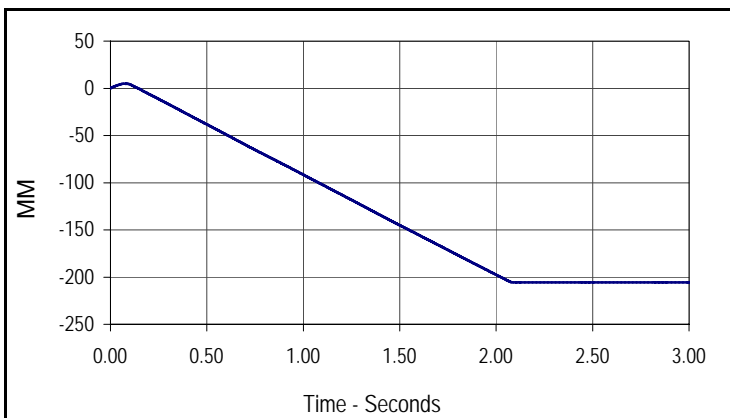
Curve Description			
Window Travel 25MM Center Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
8.1	0.1	-230.6	2.4

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Sun Roof Window)

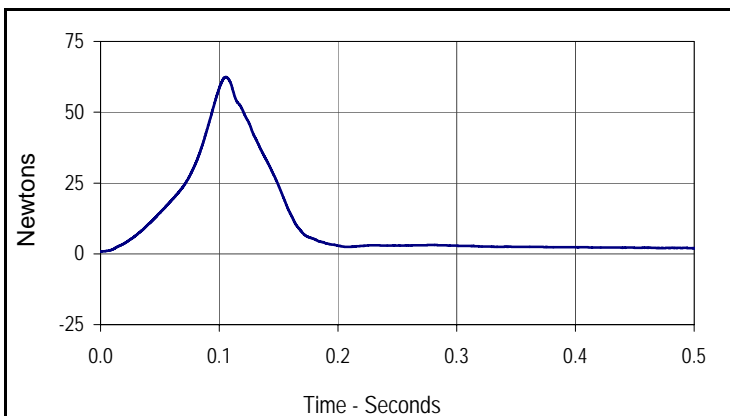
Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



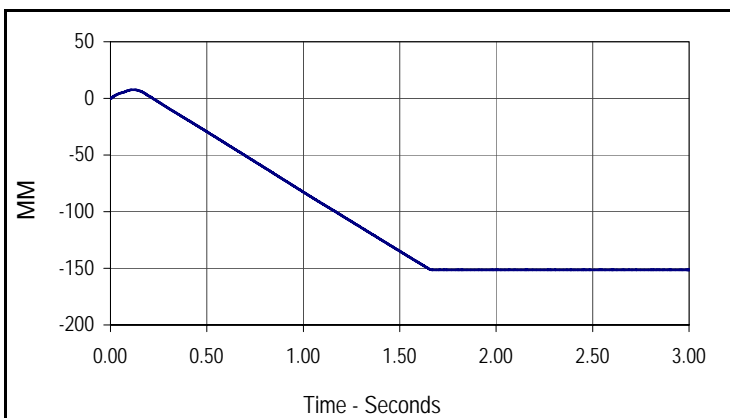
Curve Description			
Window Force 50MM Center Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
44.2	0.1	0.5	2.4



Curve Description			
Window Travel 50MM Center Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
4.8	0.1	-205.6	3.0



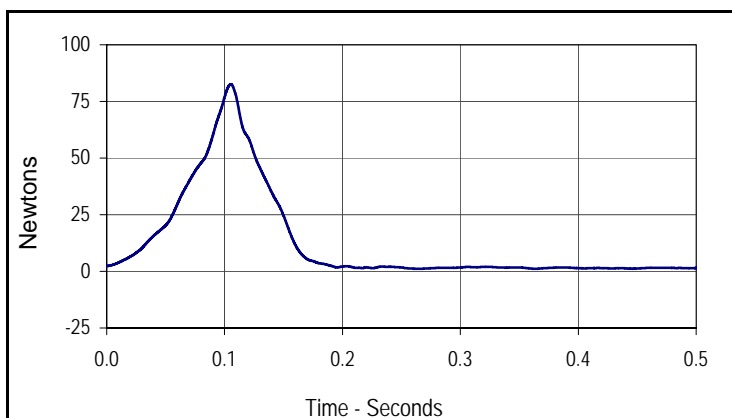
Curve Description			
Window Force 100MM Center Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
62.4	0.1	-1.8	2.0



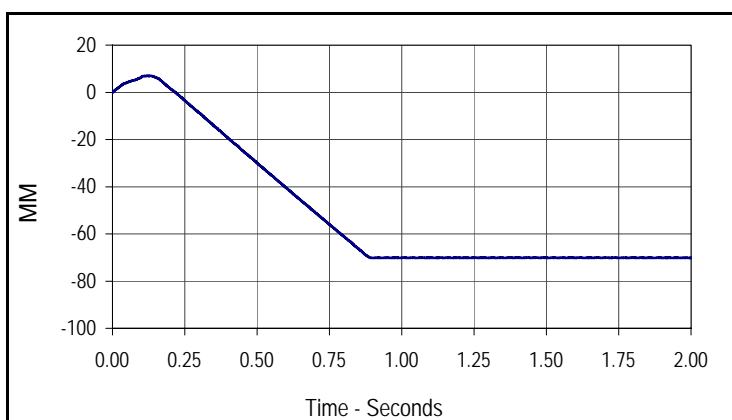
Curve Description			
Window Travel 100MM Center Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.8	0.1	-151.4	2.8

Test Vehicle: 2008 Acura RDX 5-Door MPV
 Test Program: FMVSS 118 (Sun Roof Window)

Test Date: 6/25/08-6/26/08
 NHTSA No.: C85300



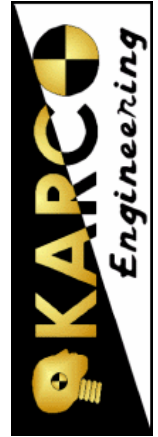
Curve Description			
Window Force 200MM Center Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
82.6	0.1	-2.1	1.9



Curve Description			
Window Travel 200MM Center Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.0	0.1	-70.2	0.9

FMVSS 118
Test Equipment List and Calibration Information
6/25/08-6/26/08
2008 Acura RDX 5-Door MPV

Description	Manufacturer	Model No.	Serial No.	Limit	Accuracy	Cal. Date	Due Cal.
DAS	DTS	TDAS Pro	DM0429	N/A	SAE J211	02/08/08	02/07/09
Laptop Computer	Toshiba	Satellite	LAP02	N/A	N/A	N/A	N/A
Load Cell	Denton	2409	85	445 Newtons	± 1.0%	03/22/08	03/22/09
Displacement Xdcr.	Celeco	PTX101-0030	J0654653	76 CM	± 1.0%	Each Use	



**6. COPY OF OWNER'S MANUAL INSTRUCTION FOR USE OF POWER
WINDOWS**

COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

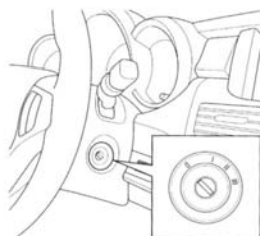
VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		



COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Ignition Switch



The ignition switch has four positions: LOCK (0), ACCESSORY (I), ON (II), and START (III).

LOCK (0) — You can insert or remove the key only in this position. To turn the key, the shift lever must be in Park, and you must push the key in slightly.

If the front wheels are turned, the anti-theft lock may make it difficult to turn the key. Firmly turn the steering wheel to the left or right as you turn the key.

ACCESSORY (I) — You can operate the audio system and the accessory power sockets in this position.

ON (II) — This is the normal key position when driving. Several of the indicators on the instrument panel come on as a test when you turn the ignition switch from the ACCESSORY (I) to the ON (II) position.

START (III) — Use this position only to start the engine. The switch returns to the ON (II) position when you let go of the key.

You will hear a reminder beeper if you leave the key in the ignition switch in the LOCK (0) or the ACCESSORY (I) position and open the driver's door. Remove the key to turn off the beeper.

You will also see a "REMOVE KEY" message on the multi-information display (see page 78).

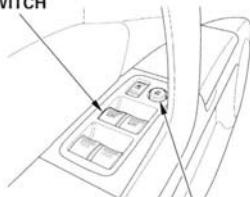
The shift lever must be in Park before you can remove the key from the ignition switch.

COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Power Windows

DRIVER'S WINDOW SWITCH



MAIN SWITCH

Turn the ignition switch to the ON (II) position to raise or lower any window. To open the window, push the switch down and hold it. Release the switch when you want to stop the window. To close the window, pull back on the switch and hold it.

The windows will operate for up to 10 minutes after you turn off the ignition switch. Opening either front door cancels this function.

⚠ WARNING

Closing a power window on someone's hands or fingers can cause serious injury.

Make sure your passengers are away from the windows before closing them.

When you push the MAIN switch in, the switch is off, and the passenger windows cannot be raised or lowered. To cancel this feature, push on the switch again to get it to pop out. Keep the MAIN switch off when you have children in the vehicle so they do not injure themselves by operating the windows unintentionally.

COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Power Windows

AUTO — To open or close either front window fully, push or pull the window switch firmly down or up to the second detent, and release it. The window will automatically go up or down all the way. To stop the window, pull or push the window switch briefly.

To open or close either front window partially, push down or pull back on the window switch lightly to the first detent and hold it. The window will stop when you release the switch.

AUTO REVERSE — If either front window senses any obstacle while it is closing automatically, it will reverse direction and then stop. To close the window, remove the obstacle, then use the window switch again.

Auto reverse stops sensing when the window is almost closed. You should always check that all passengers and objects are away from the window before closing it.

Instruments and Controls

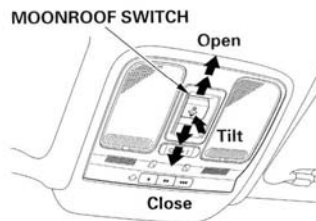
VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Moonroof

Turn the ignition switch to the ON (II) position before operating the moonroof switch on the ceiling console.

To open the moonroof fully, pull back the moonroof switch firmly. The moonroof opens all the way. To stop the moonroof from opening fully, briefly move the switch in either direction.

To tilt the moonroof, push the center of the moonroof switch straight up. To stop the moonroof from tilting fully open, push the moonroof switch forward.



To open or close the moonroof partially, pull or push the moonroof switch lightly to the first detent and hold it. The moonroof will stop when you release the switch.

To close the moonroof fully, push the moonroof switch forward to the second detent, then release it. The moonroof closes all the way. To stop the moonroof from closing all the way, briefly move the switch in either direction.

COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

VEHICLE			
YEAR	2008	MAKE	Acura
MODEL	RDX	BODY STYLE	5-Door MPV
NHTSA NO.	C85300	VIN	558TB18288A002184
TEST DATE:	06/25-26/08		

Moonroof

⚠ WARNING

Opening or closing the moonroof on someone's hands or fingers can cause serious injury.

Make sure all hands and fingers are clear of the moonroof before opening or closing it.

The moonroof has a key-off delay. You can open and close the moonroof for up to 10 minutes after you turn off the ignition switch. The key-off delay cancels as soon as you open either front door. You must then turn the ignition switch to the ON (II) position for the moonroof to operate.

NOTICE

If you try to open the moonroof in below-freezing temperatures, or when it is covered with snow or ice, you can damage the moonroof panel or motor.

Auto Reverse

If the moonroof runs into any obstacle while it is closing automatically, it will reverse direction, and then stop. To close the moonroof, remove the obstacle, then use the moonroof switch again.

Auto reverse stops sensing when the moonroof is almost closed. You should always check that all passengers and objects are away from the moonroof before closing it.

Instruments and Controls