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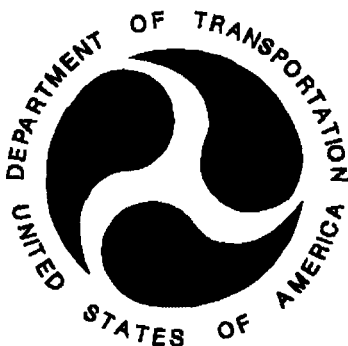
**SAFETY COMPLIANCE TESTING
FOR FMVSS 118**

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

2006 INFINITI G35
2-DOOR COUPE

NHTSA NO. C65203

PREPARED BY:
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July 27, 2006

Final Report

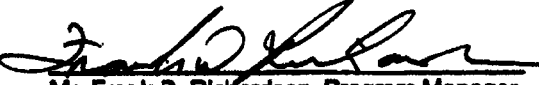
PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
ROOM 6111 (NVS-220)
400 SEVENTH STREET, SW
WASHINGTON, D.C. 20590

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Accepted By: 

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16. <i>Abstract</i> Compliance tests were conducted on the subject 2006 Infiniti G35 2-Door Coupe 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 2006 Infiniti G35 2-Door Coupe, manufactured by Nissan Motor Company LTD 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 2006 Infiniti G35 2-Door Coupe was subjected to FMVSS 118 compliance testing. The tests were conducted at KARCO Engineering in Adelanto, California on July 25-27, 2006. 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	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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)	
MASTER SWITCH PANEL			
Left Front (LF)	PASS	PASS	PASS
Right Front (RF)	PASS	PASS	PASS
Left Rear (LR)	N/A	N/A	N/A
Right Rear (RR)	N/A	N/A	N/A
Tail Gate (TG)	N/A	N/A	N/A
Partition	N/A	N/A	N/A
Roof Panel (RP)	N/A	N/A	N/A
INDIVIDUAL SWITCHES			
Left Front (LF)	PASS	PASS	PASS
Right Front (RF)	PASS	PASS	PASS
Left Rear (LR)	N/A	N/A	N/A
Right Rear(RR)	N/A	N/A	N/A
Tail Gate (TG)	N/A	N/A	N/A
Partition (P)	N/A	N/A	N/A
Roof Panel (RP)	N/A	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 "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	36.5
DRIVER SIDE	N/A	36.5
PASSENGER SIDE	N/A	36.5
REAR	N/A	36.5

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 No. 8 & 9	See Data Sheets No. 8 & 9
RIGHT FRONT (RF)	See Data Sheets No. 8 & 9	See Data Sheets No. 8 & 9
LEFT REAR (LR)	N/A	N/A
RIGHT REAR (RR)	N/A	N/A
PARTITION (P)	N/A	N/A
ROOF PANEL (RP)	N/A	N/A
TAIL GATE (TG)	N/A	N/A

REMARKS: This vehicle is equipped with a remote actuation device that allows the windows to be opened but not closed. Continuous activation is necessary to operate. The remote works Line of sight in excess of 36.5 meters but not in excess of 45.7 meters.

The subject 2006 Infiniti G35 2-Door Coupe appeared to meet the requirements of FMVSS 118.

3. TEST DATA

**DATA SHEET NO. 1
VEHICLE IDENTIFICATION**

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

Identify Vehicle equipped WPRP and WPRP controls

	LEFT FRONT	LEFT REAR	RIGHT FRONT	RIGHT REAR	TAIL GATE	PARTITION	ROOF PANEL
Power Windows	X	N/A	X	N/A	N/A	N/A	N/A
Interior Switches	X	N/A	X	N/A	N/A	N/A	N/A
Master Control Panel	X	N/A	X	N/A	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Master Control Panel Location: Driver Side Door Panel

Remote Control: Yes

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: Key slot of driver door.

Sunroof: N/A

REMARKS: Master control panel switch is located in the driver side door panel. Individual switches are located in each respective door panel. 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: 07/27/06

APPROVED BY: MATTHEW A. IVORY

DATE: 07/27/06

DATA SHEET NO. 2
IGNITION KEY OFF TEST

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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)	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	N/A	N/A	N/A	N/A	N/A	N/A
Right Rear (RR)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A
Right Rear (RR)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A
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: 07/27/06

APPROVED BY: MATTHEW A. IVORY

DATE: 07/27/06

DATA SHEET NO. 3
IGNITION KEY REMOVED TEST

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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	N/A	N/A	N/A	N/A	N/A	N/A
Right Rear (RR)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A
Right Rear (RR)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A

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

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **07/27/06**

APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/27/06**

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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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

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)	X	N/A	X	N/A	PASS
RIGHT FRONT (RF)	X	N/A	X	N/A	PASS
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: Turning the key in the driver door operates both windows simultaneously. Continuous action is necessary to operate the windows up and down.

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DATE: **07/27/06**

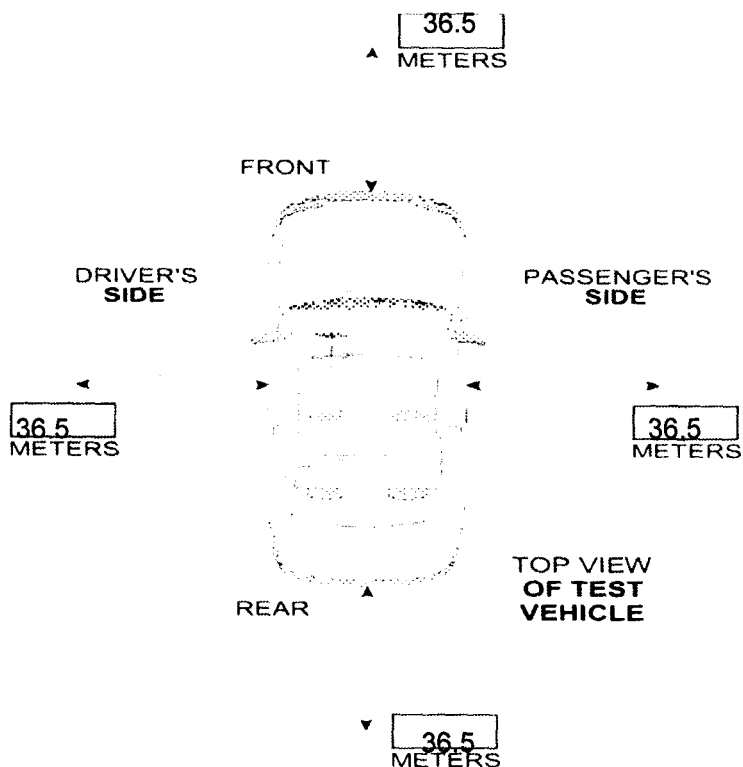
APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/27/06**

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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC V54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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 (X) NO ().



REMARKS: This vehicle is equipped with a remote actuation device that allows the windows to be opened but not closed. The remote works Line of sight in excess of 36.5 meters but not in excess of 45.7 meters.

RECORDED BY: **MATTHEW A. HUBBARD**

DATE: **07/27/06**

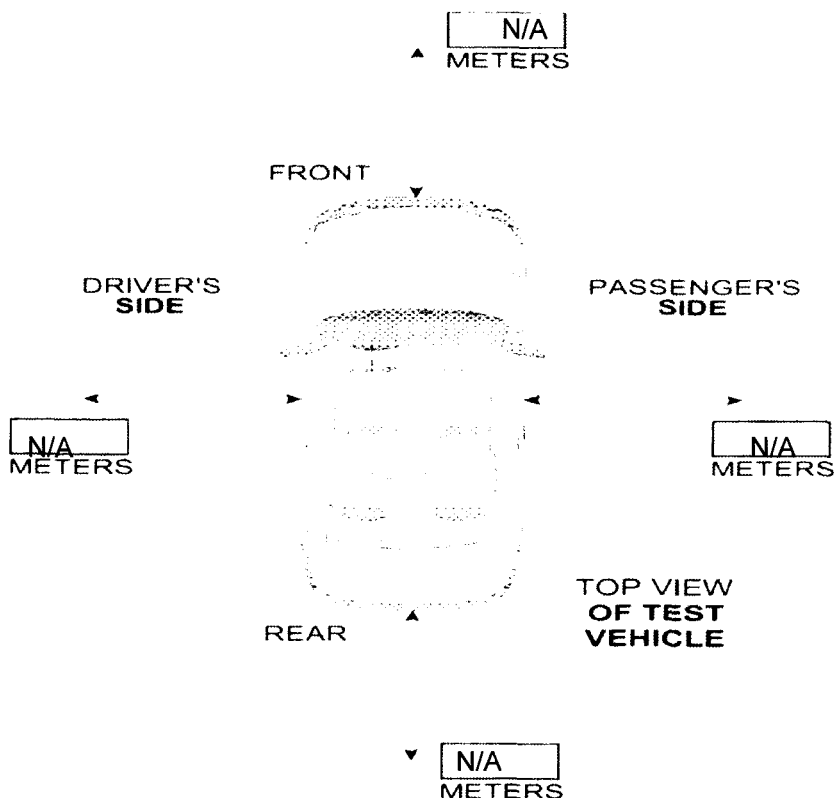
APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/27/06**

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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC V54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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: This vehicle is equipped with a remote actuation device that allows the windows to be opened but not closed. The remote works Line of sight in excess of 36.5 meters but not in excess of 45.7 meters.

RECORDED BY: MATTHEW S. HUBBARD

DATE: 07/27/06

APPROVED BY: MATTHEW A. IVORY

DATE: 07/27/06

**DATA SHEET NO. 7
AUTO REVERSAL**

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC V54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

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)	X	X
RIGHT FRONT (RF)	X	X
LEFT REAR (LR)	N/A	N/A
RIGHT REAR (RR)	N/A	N/A
PARTITION (P)	N/A	N/A
ROOF PANEL (RP)	N/A	N/A
TAIL GATE (TG)	N/A	N/A

REMARKS: The left front and right front windows are equipped with an auto reversal feature. On this vehicle the reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4.

RECORDED BY:	<u>MATTHEW S. HUBBARD</u>	DATE:	<u>07/27/06</u>
APPROVED BY:	<u>MATTHEW A. IVORY</u>	DATE:	<u>07/27/06</u>

**DATA SHEET NO. 8
AUTO REVERSAL**

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC V54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

Distance window is open from top seam to start position.

253mm

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	237.5	-133.7mm
25mm semi rigid rod	204.4	-130.5mm
50mm semi rigid rod	163.0	-55.4mm
100mm semi rigid rod	194.3	-107.4mm
200mm semi rigid rod	N/A	N/A

Distance window is open from top seam to start position.

260mm

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	186.1	-134.0mm
25mm semi rigid rod	182.8	-132.4mm
50mm semi rigid rod	126.7	126.7mm
100mm semi rigid rod	147.7	-95.8mm
200mm semi rigid rod	N/A	N/A

REMARKS: The left front and right front windows are equipped with an auto reversal feature. On this vehicle the reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4. The 200mm semi rigid rod was not used during testing do to interference of instrumentation.

RECORDED BY: **MATTHEW S. HUBBARD**

DATE: **07/27/06**

APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/27/06**

DATA SHEET NO. 9 AUTO REVERSAL

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

Distance window is open from top seam to start position.

270mm

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	226.1	-127.3mm
25mm semi rigid rod	203.7	-120.2mm
50mm semi rigid rod	201.0	-112.5mm
100mm semi rigid rod	185.9	-79.6mm
200mm semi rigid rod	N/A	N/A

Distance window is open from top seam to start position.

260mm

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	227.3	-122.9
25mm semi rigid rod	205.2	-133.1
50mm semi rigid rod	183.3	-119.7
100mm semi rigid rod	175.0	-104.7
200mm semi rigid rod	N/A	N/A

REMARKS: The left front and right front windows are equipped with an auto reversal feature. On this vehicle the reversal feature is not required because the window appears to meet the operational requirements of FMVSS 118 paragraph S.4. The 200mm semi rigid rod was not used during testing do to interference of instrumentation.

RECORDED BY: **MATTHEW S. HUBBARD**

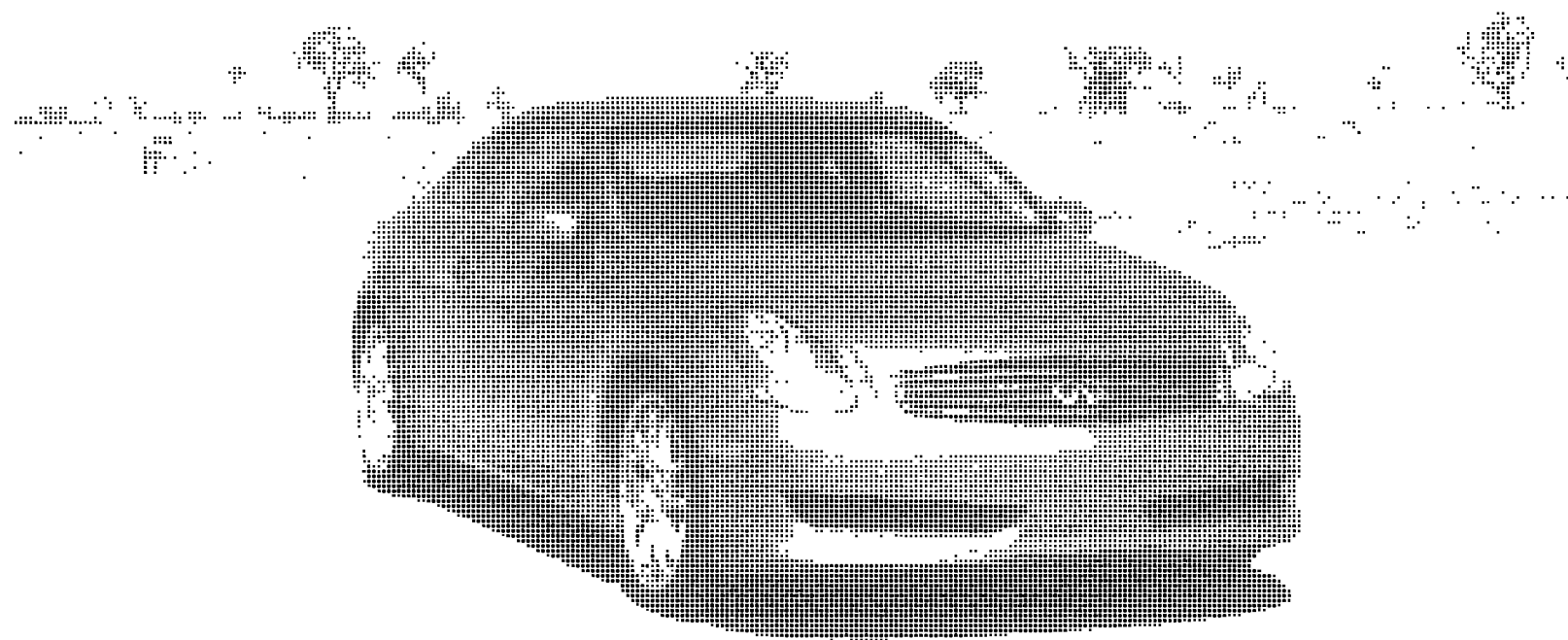
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APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/27/06**

4. PHOTOGRAPHS

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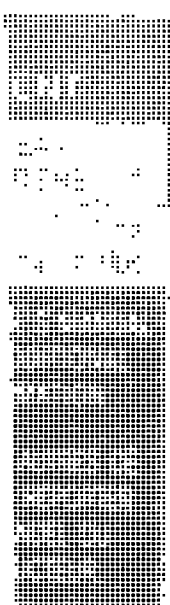
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“...the fact that the defendant was not a member of the group, and that the defendant was not a member of the group, and that the defendant was not a member of the group.”



Figure 2: Rear $\frac{3}{4}$ View From Left Side of Vehicle

2008 INFINITI G35
NHTSA NO. C65203
FMVSS NO. 118



4001A

MANUFACTURED BY NISSAN MOTOR CO., LTD.

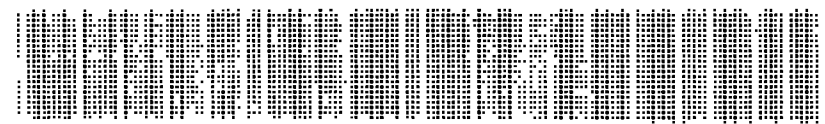
DATE: 09/02 GVWR/PNEV: 4377 LBS.

CURR/FNBL PR: 110 LBS, RR: 2267 LBS.

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

VIN: JN1CV54EXAM701372 PASSENGER CAR

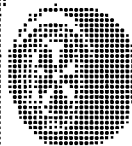
COLOR	TRIM	TRANS	AXLE	ENGINE
WV2	G	RESROSA	RC35	VQ35(DE) 3499CC



JN1CV54EXAM701372

Figure 3: Vehicle Certification Label

2003 INFINITI G35
NHTSA NO. C65203
FMVSS NO. 118



BOATING CAPACITY
NOMBRE DE PLACES

TOTAL
TOTAL

#

SEAT
SIÈGE

7

SEAT
SIÈGE

7

The combined weight of occupants and cargo should never exceed 1400 lbs. (635 kg).
Le poids combiné des occupants et de la cargaison ne doit jamais dépasser 635 kg (1400 lb).

TYPE Type	2000 2-Door 2000 2-Door	1400 lbs. (635 kg) 1400 lbs. (635 kg)	
SEAT SIÈGE	2000 2-Door 2000 2-Door	1400 lbs. (635 kg) 1400 lbs. (635 kg)	
SEAT SIÈGE	2000 2-Door 2000 2-Door	1400 lbs. (635 kg) 1400 lbs. (635 kg)	
SEAT SIÈGE	2000 2-Door 2000 2-Door	1400 lbs. (635 kg) 1400 lbs. (635 kg)	
SEAT SIÈGE	2000 2-Door 2000 2-Door	1400 lbs. (635 kg) 1400 lbs. (635 kg)	

ACRIA

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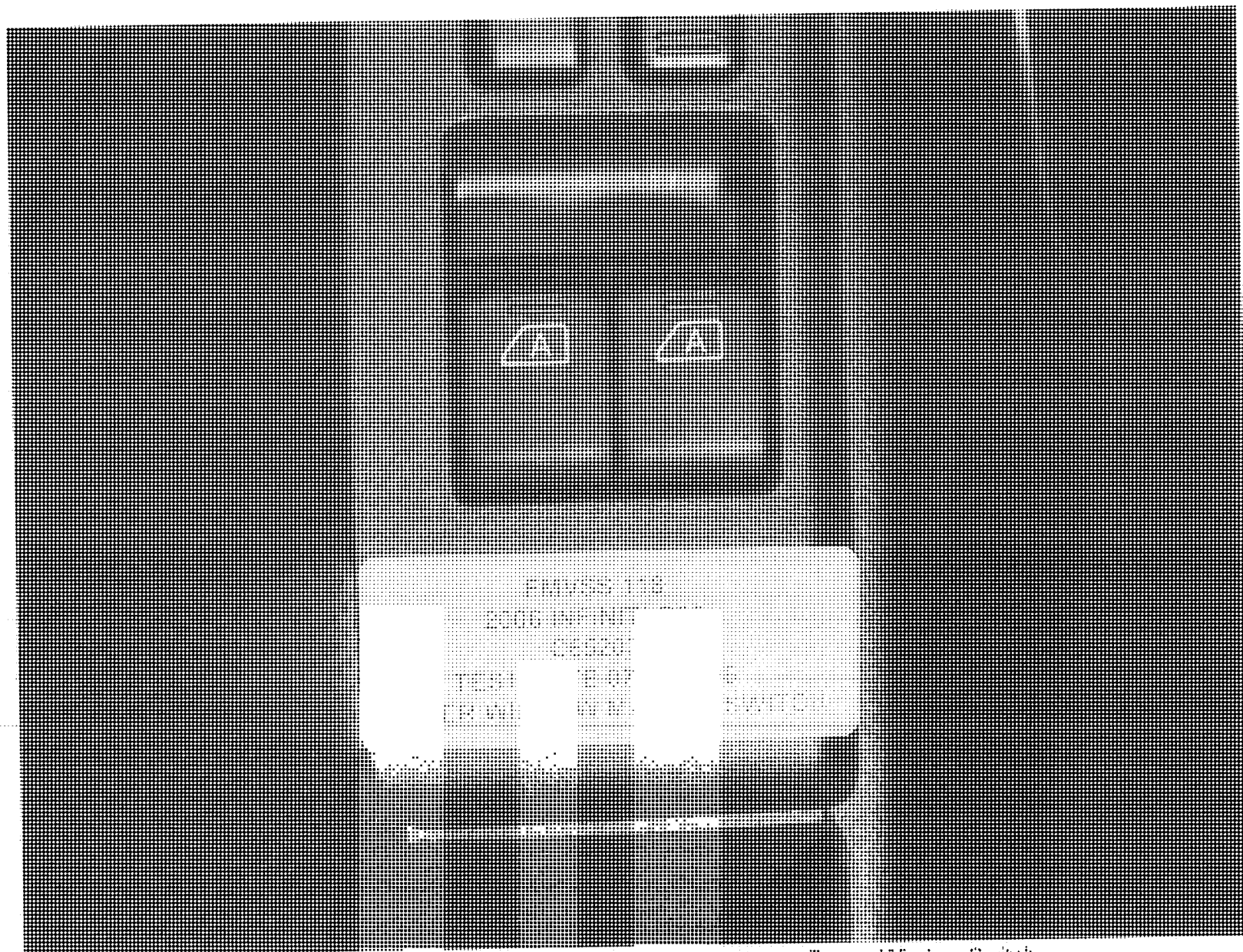


NHTSA NO. C65203
FMVSS NO. 118



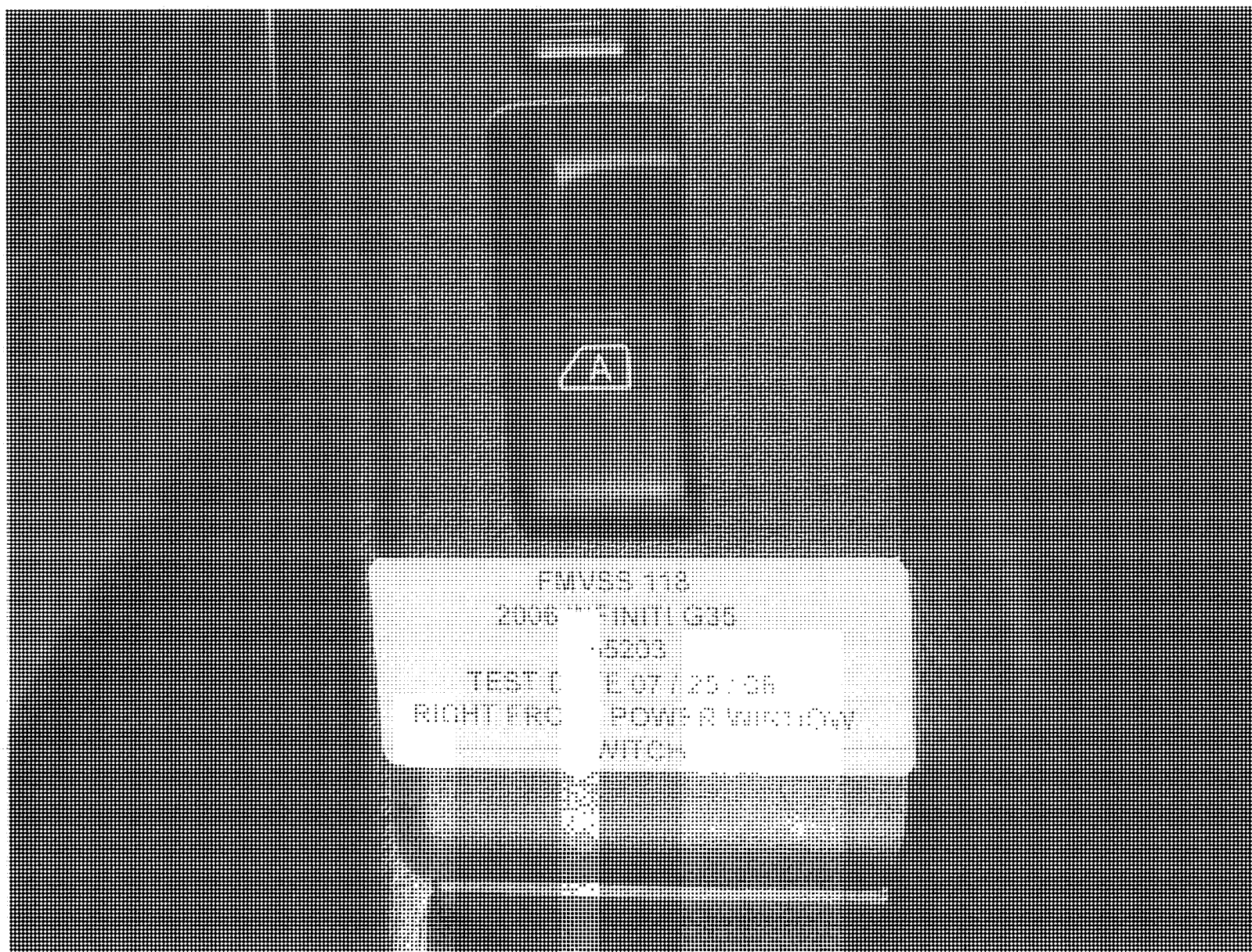
Figure 5 Ignition Switch

2006 INFINITI G35
NHTSA NO. C65203
FMVSS NO. 118



2005 INFINITI G35
 NHTSA NO. 055203
 FMVSS NO. 118

Figure 6: Left Front Master Power Window Switch



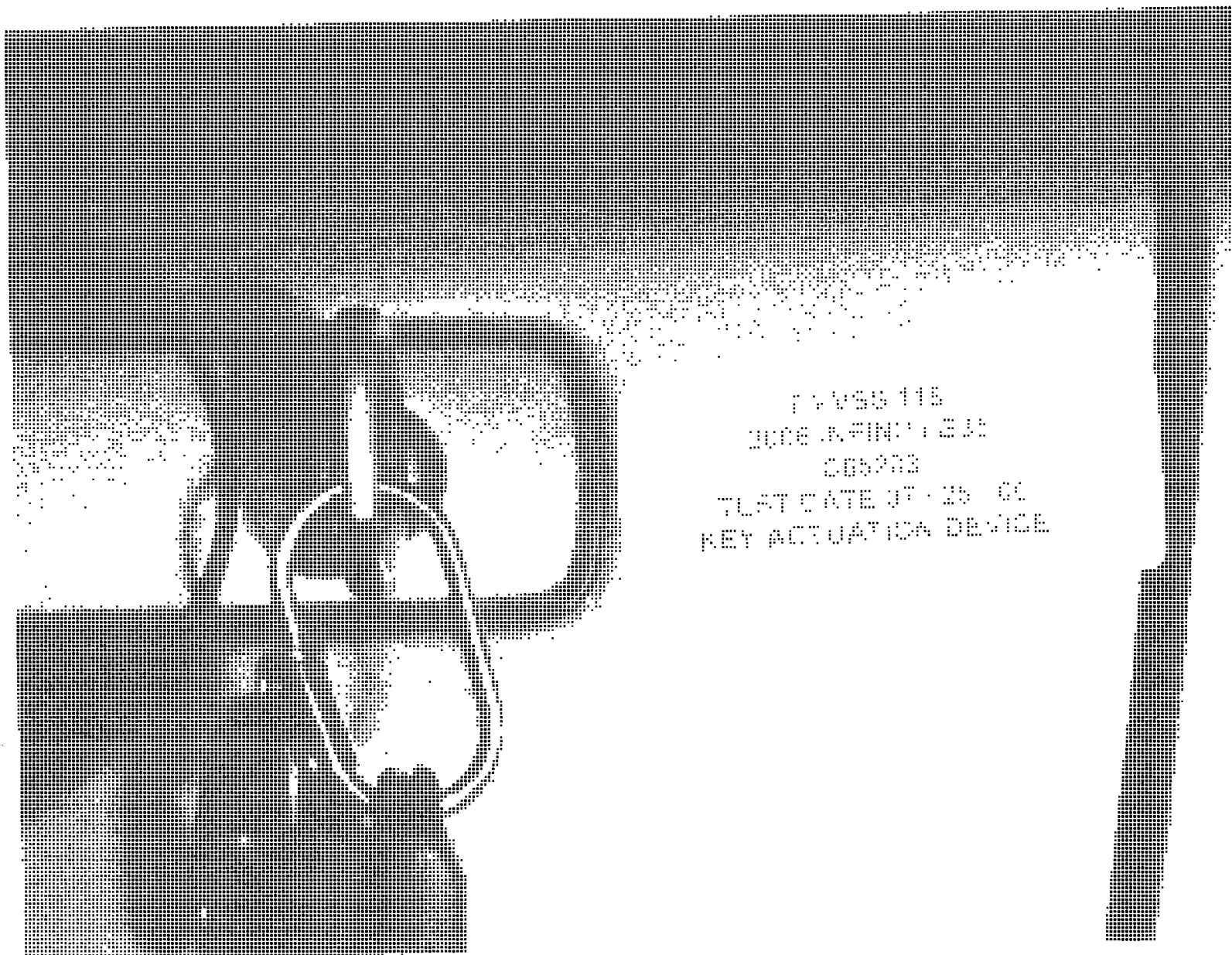
2006 INFINITI G35
 NHTSA NO. C65203
 FMVSS NO. 118

Figure 7: Right Front Power Window Switch



2006 INFINITI G35
NHTSA NO. C65203
FMVSS NO. 118

Figure 5: Remote Activation Device



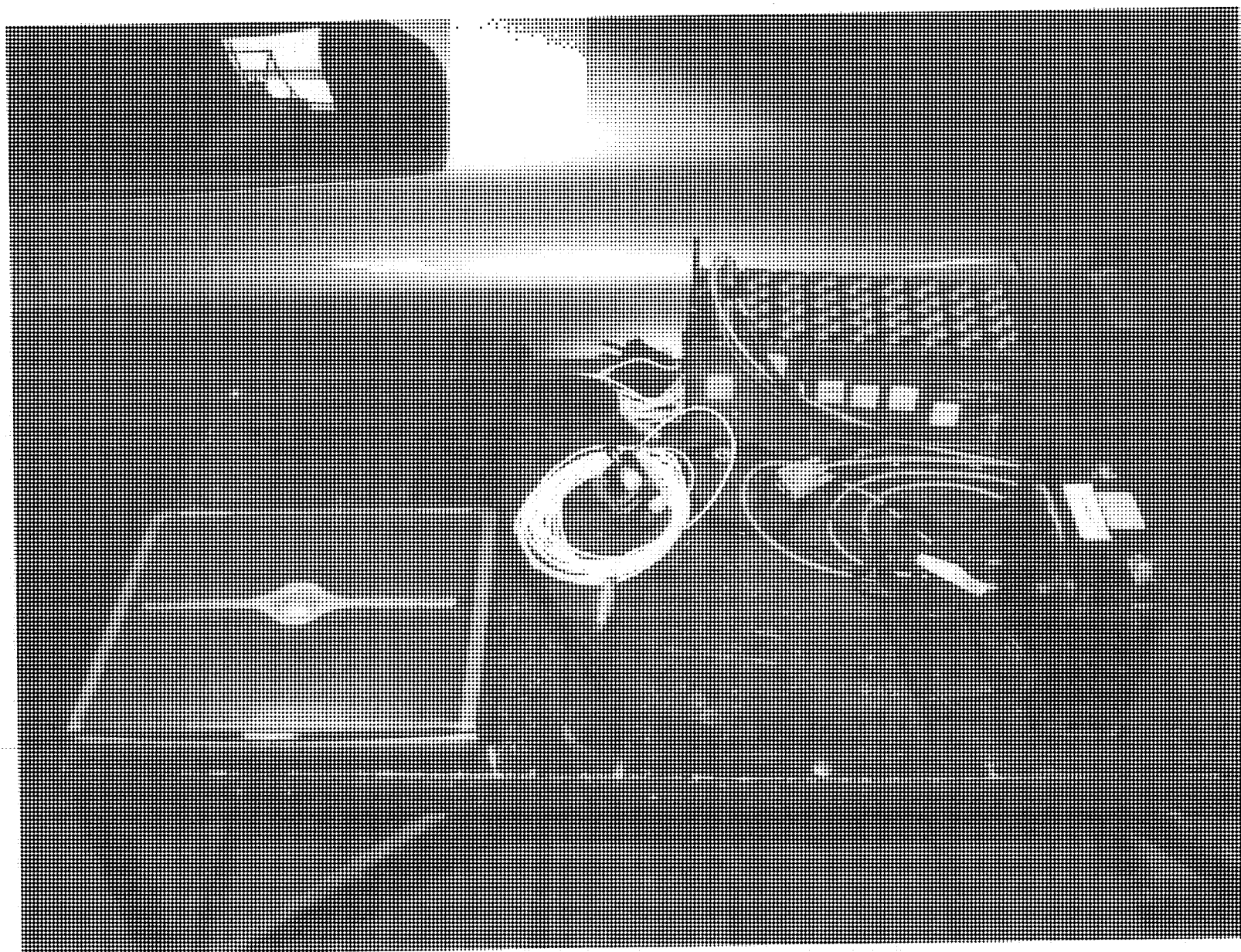
2006 INFINITI G35
 NHTSA NO. CB5203
 FMVSS NO. 118

Figure 9. Key Actuation Device



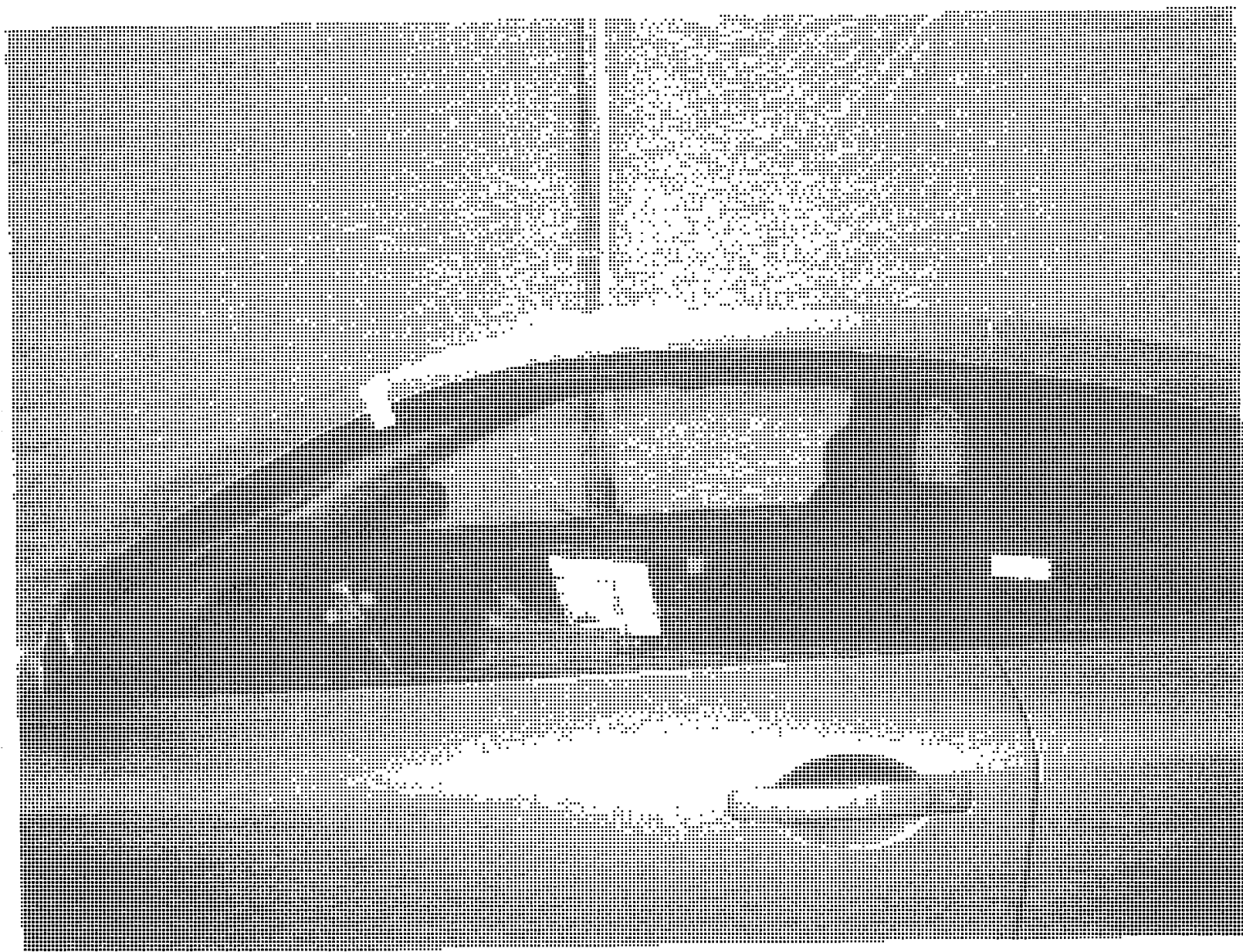
2008 INFINITI G35
NHTSA NO. C55203
FMVSS NO. 118

Figure 10: Overall Test Set-Up



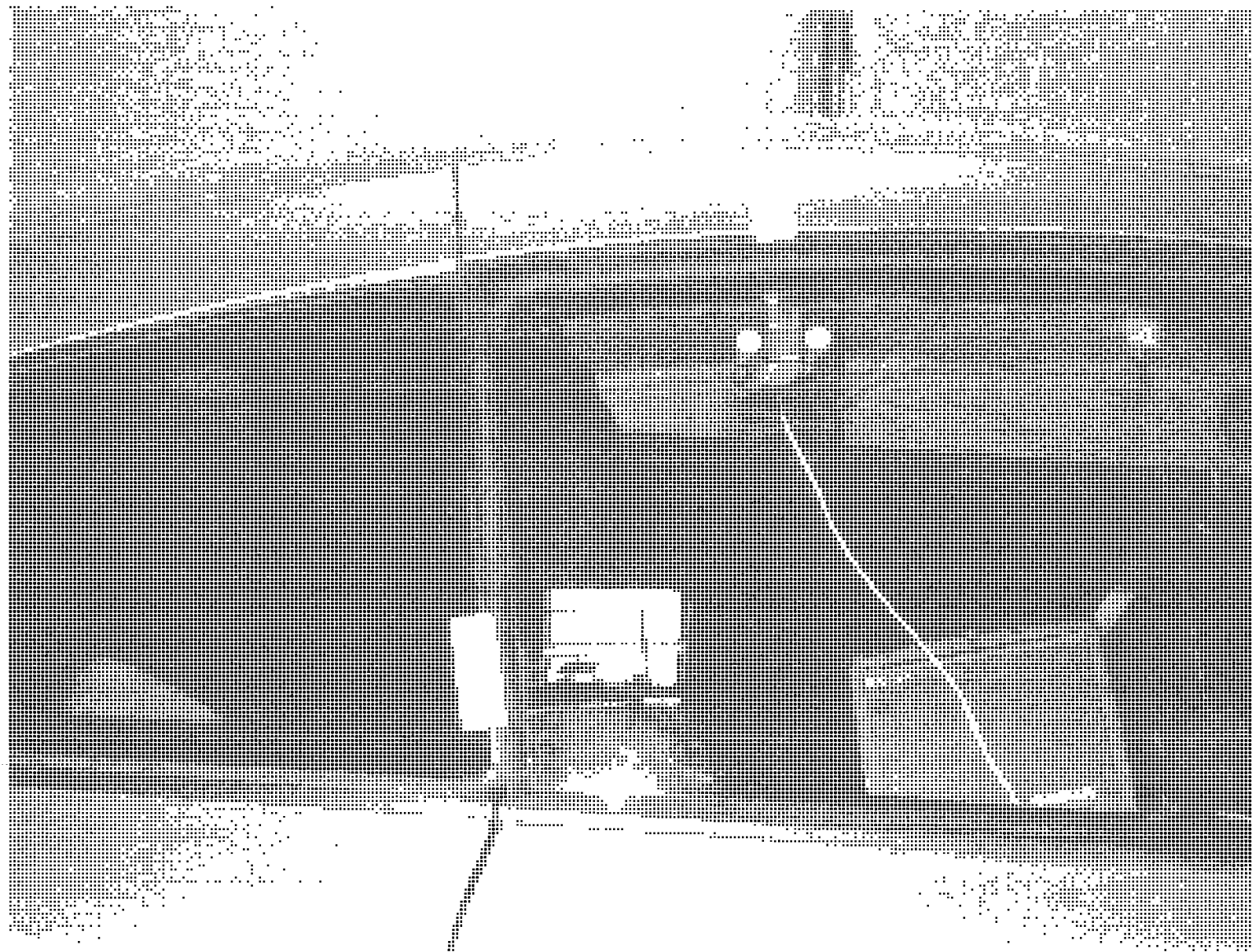
2003 INFINITI G35
NHTSA NO. C55293
FMVSS NO. 118

Figure 11: Instrumentation



2006 INFINITI G35
 NHTSA NO. C55203
 FMVSS NO. 118

Figure 10. Test car, Ep. Driver Window, L., 18" x 30"



2006 INFINITI G35
NHTSA NO. C65203
FMVSS NO. 118

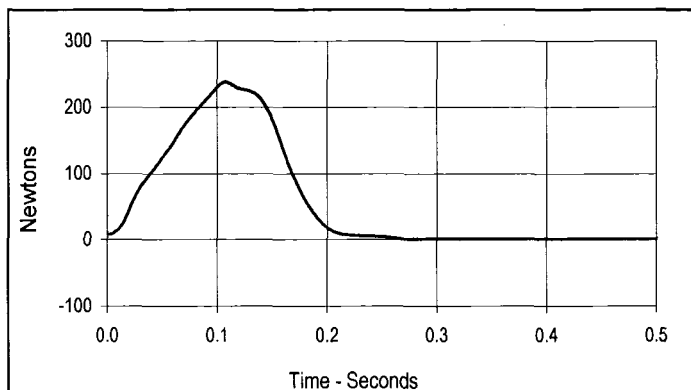
Figure 13: Test Set-Up Passenger Window Rear Edge

5. DATA PLOTS

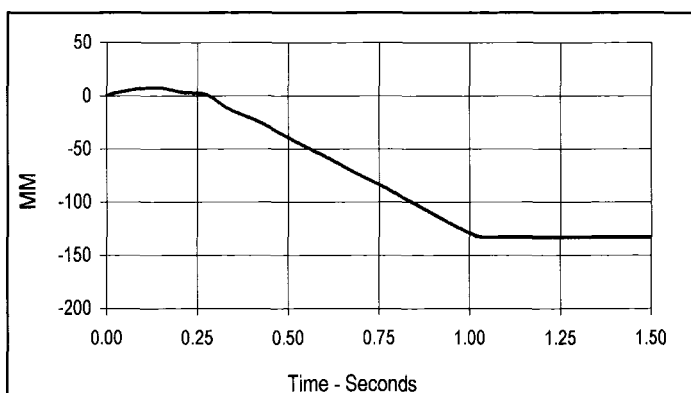
Graph 1 & 2	Left Front Window Leading Edge 5mm Simi Rigid Rod	30
Graph 3 & 4	Left Front Window Leading Edge 25mm Simi Rigid Rod	30
Graph 5 & 6	Left Front Window Leading Edge 50mm Simi Rigid Rod	31
Graph 7 & 8	Left Front Window Leading Edge 100mm Simi Rigid Rod	31
Graph 9 & 10	Left Front Window Rear Edge 5mm Simi Rigid Rod	32
Graph 11 & 12	Left Front Window Rear Edge 25mm Simi Rigid Rod	32
Graph 13 & 14	Left Front Window Rear Edge 50mm Simi Rigid Rod	33
Graph 15 & 16	Left Front Window Rear Edge 100mm Simi Rigid Rod	33
Graph 17 & 18	Right Front Window Leading Edge 5mm Simi Rigid Rod	34
Graph 19 & 20	Right Front Window Leading Edge 25mm Simi Rigid Rod	34
Graph 21 & 22	Right Front Window Leading Edge 50mm Simi Rigid Rod	35
Graph 23 & 24	Right Front Window Leading Edge 100mm Simi Rigid Rod	35
Graph 25 & 26	Right Front Window Rear Edge 5mm Simi Rigid Rod	36
Graph 27 & 28	Right Front Window Rear Edge 25mm Simi Rigid Rod	36
Graph 29 & 30	Right Front Window Rear Edge 50mm Simi Rigid Rod	37
Graph 31 & 32	Right Front Window Rear Edge 100mm Simi Rigid Rod	37
Instrumentation	Test Equipment List and Calibration Information	38

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Left Front Window)

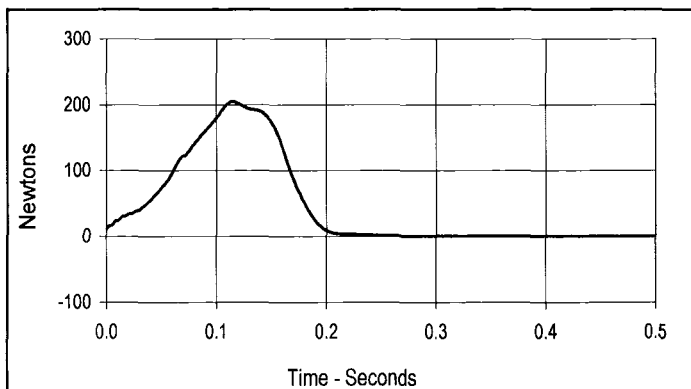
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



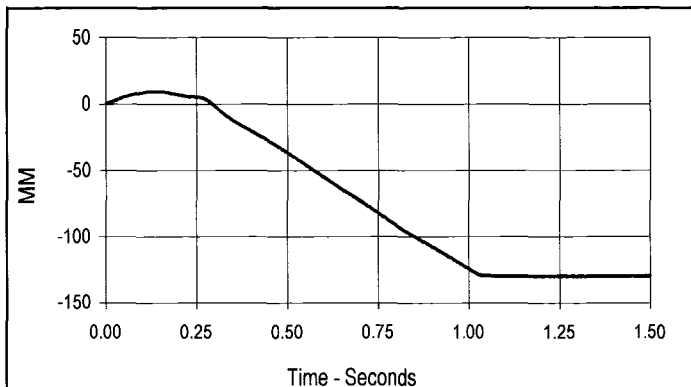
Curve Description			
Window Force 5MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
237.5	0.1	-0.5	1.0



Curve Description			
Window Travel 5MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.2	0.1	-133.7	1.2



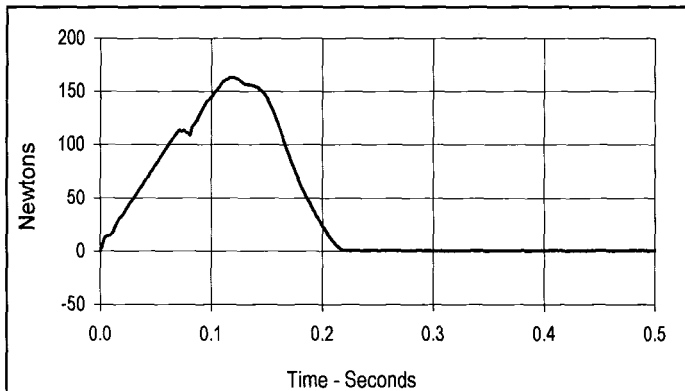
Curve Description			
Window Force 25MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
204.4	0.1	-0.6	1.0



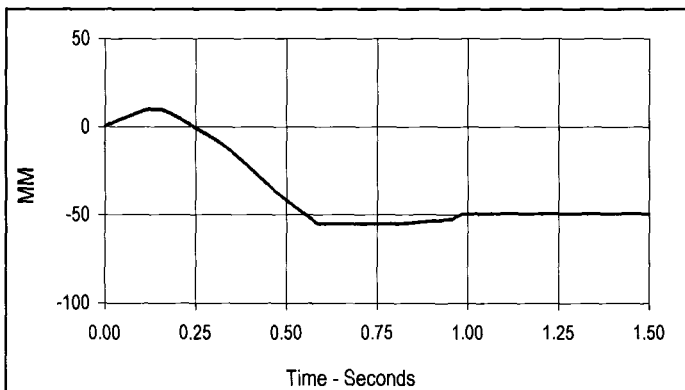
Curve Description			
Window Travel 25MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
8.9	0.1	-130.5	1.3

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Left Front Window)

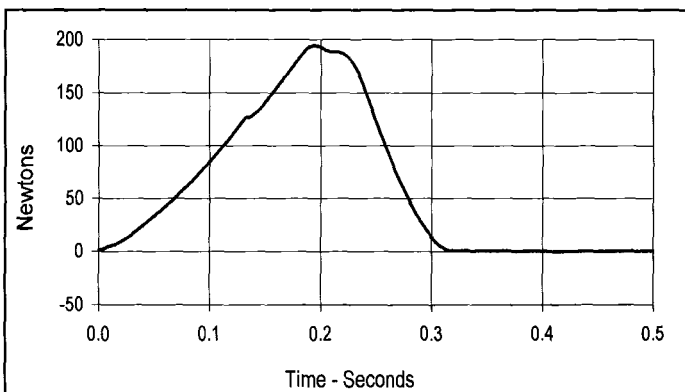
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



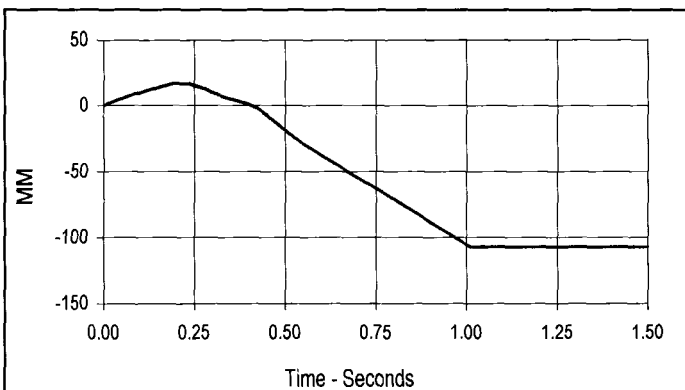
Curve Description			
Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
163.0	0.1	-55.5	1.0



Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.5	0.1	-55.4	0.7



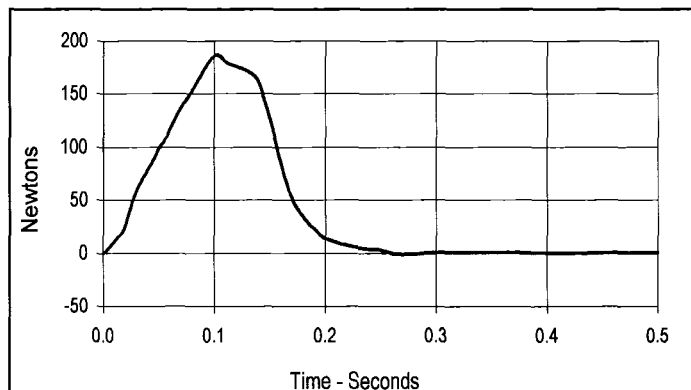
Curve Description			
Window Force 100MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
194.3	0.2	-0.4	1.1



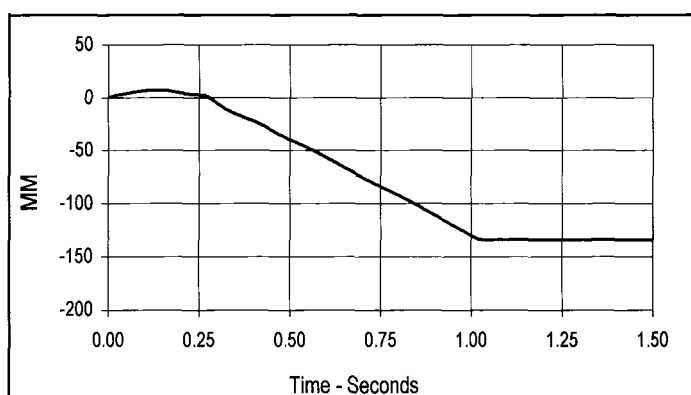
Curve Description			
Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
16.3	0.2	-107.5	1.2

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Left Front Window)

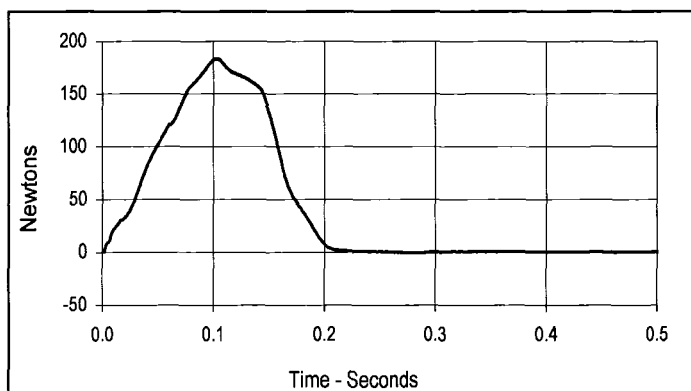
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



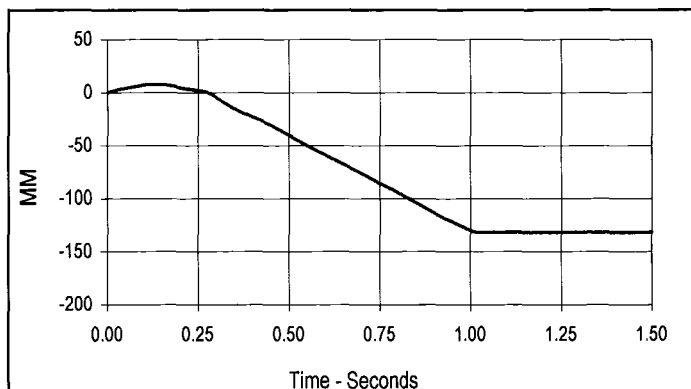
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
186.1	0.1	-1.4	0.3



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.1	0.1	-134.0	1.2



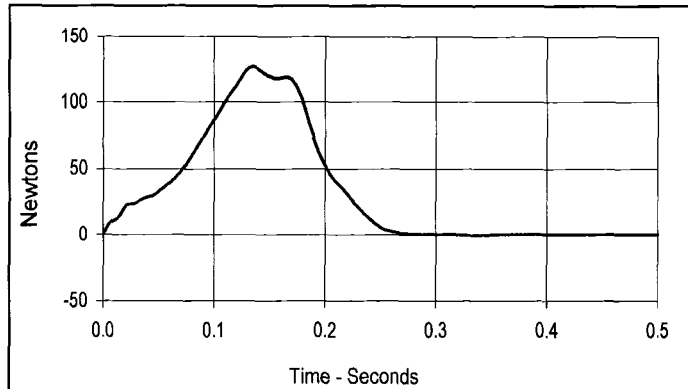
Curve Description			
Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
182.8	0.1	-0.8	0.3



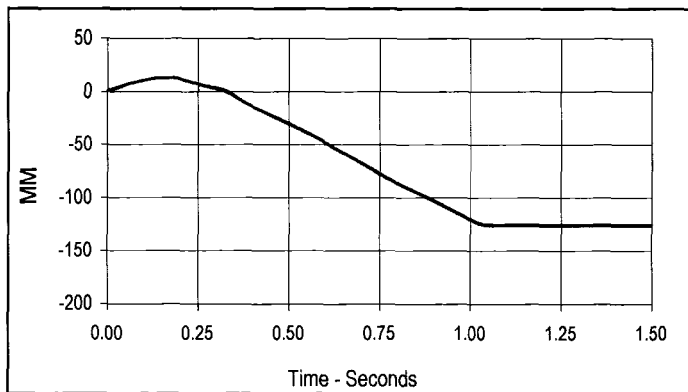
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.7	0.1	-132.4	1.2

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Left Front Window)

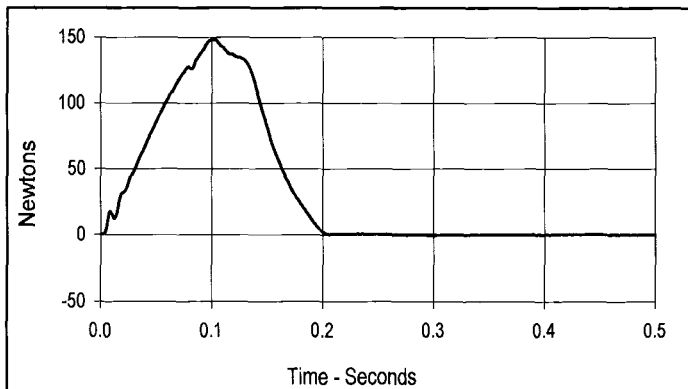
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



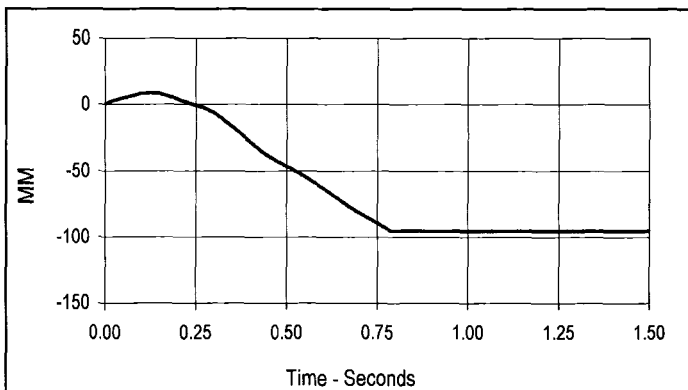
Curve Description			
Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
126.7	0.1	-0.5	0.3



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
12.7	0.2	-126.7	1.2



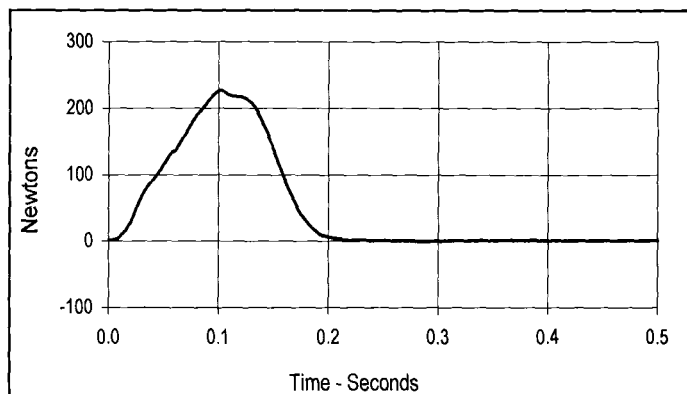
Curve Description			
Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
147.7	0.1	-0.9	1.0



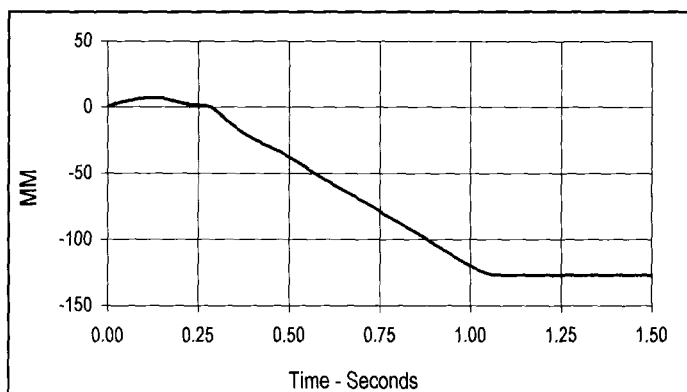
Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
8.3	0.1	-95.8	1.0

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Right Front Window)

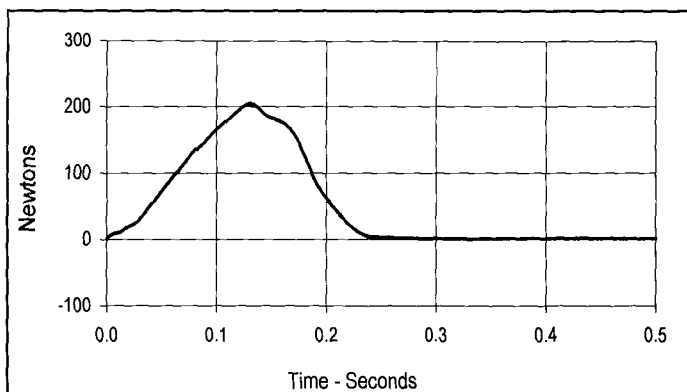
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



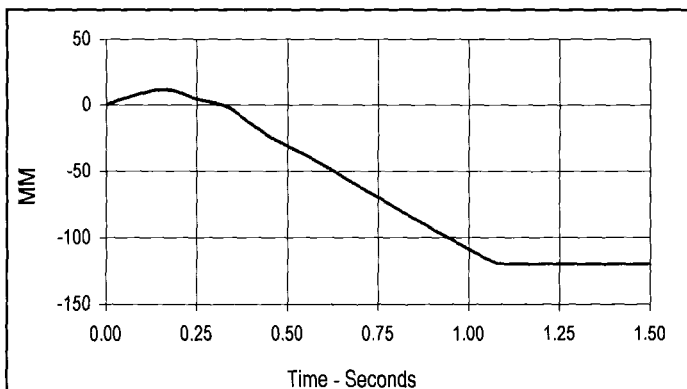
Curve Description			
Window Force 5MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newton
Max	Time	Min	Time
226.1	0.1	-1.1	0.3



Curve Description			
Window Travel 5MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.9	0.1	-127.3	1.3



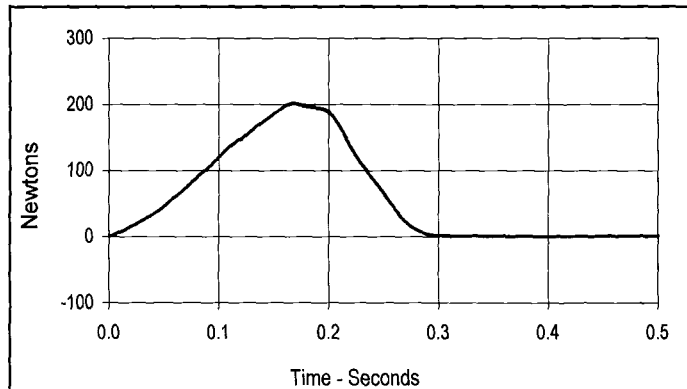
Curve Description			
Window Force 25MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newton
Max	Time	Min	Time
203.7	0.1	-0.7	0.3



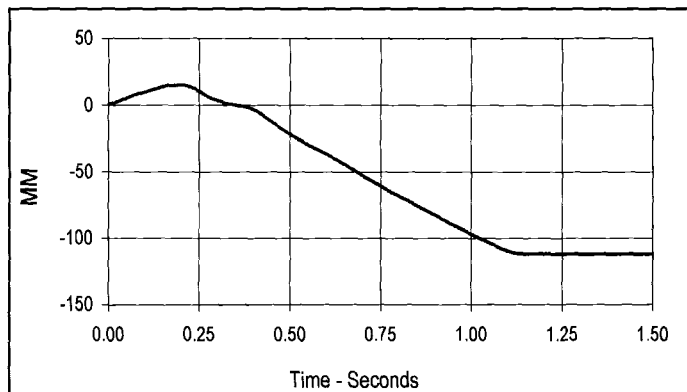
Curve Description			
Window Travel 25MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
11.5	0.2	-120.2	1.4

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Right Front Window)

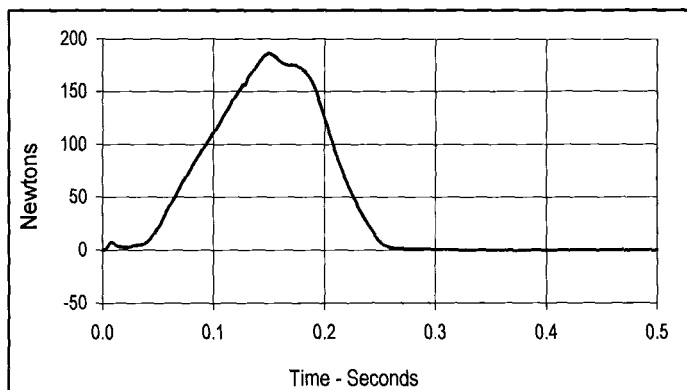
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



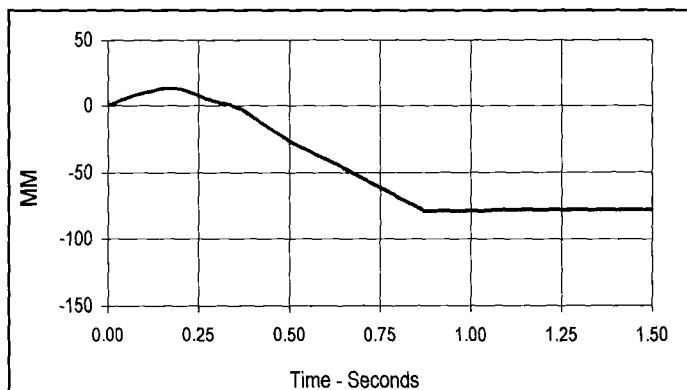
Curve Description			
Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
201.0	0.2	-0.7	0.4



Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
14.8	0.2	-112.5	1.5



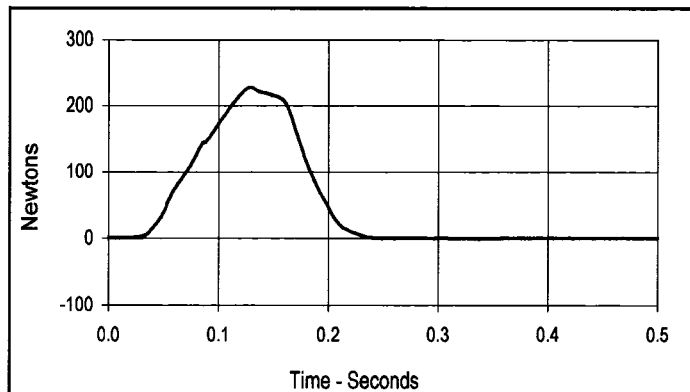
Curve Description			
Window Force 100MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
185.9	0.2	-0.8	1.2



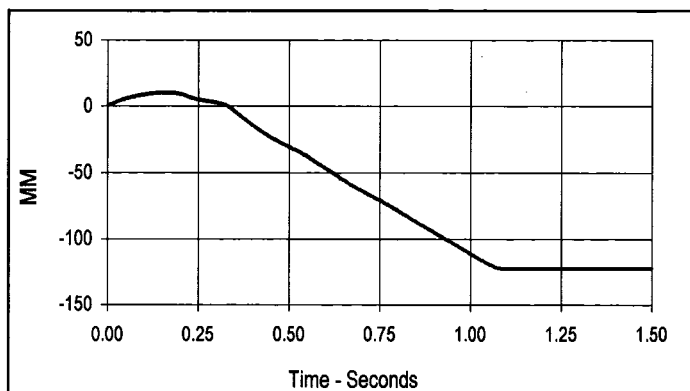
Curve Description			
Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
13.0	0.2	-79.6	1.0

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Right Front Window)

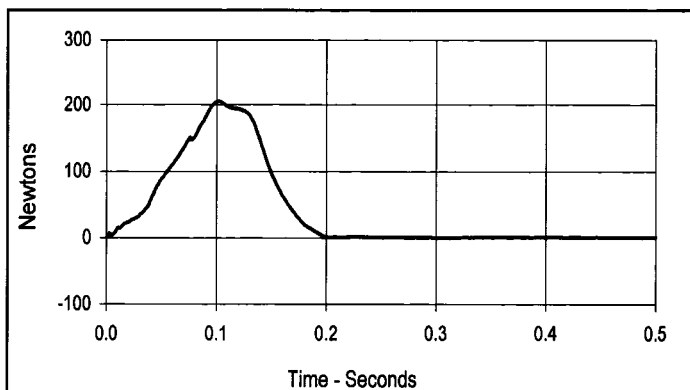
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



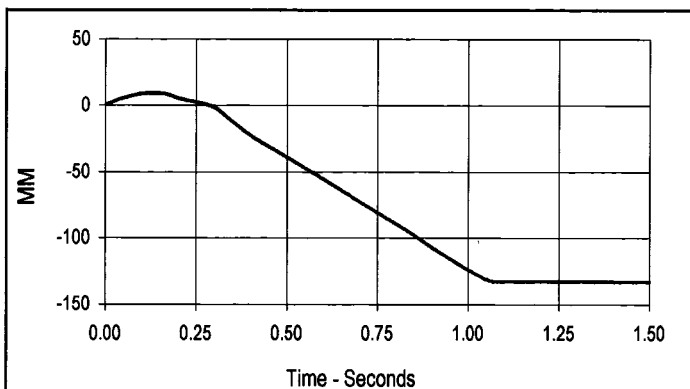
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
227.3	0.1	-0.5	0.3



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.8	0.1	-122.9	1.4



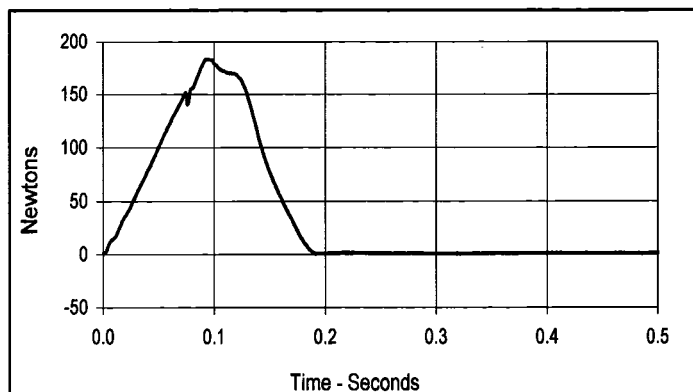
Curve Description			
Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
205.2	0.1	-0.6	0.3



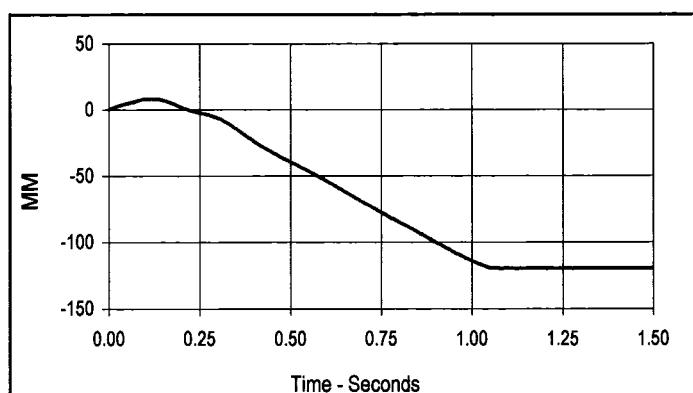
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.3	0.1	-133.1	1.5

Test Vehicle: 2006 Infiniti G35 2-Door Coupe
 Test Program: FMVSS 118 (Right Front Window)

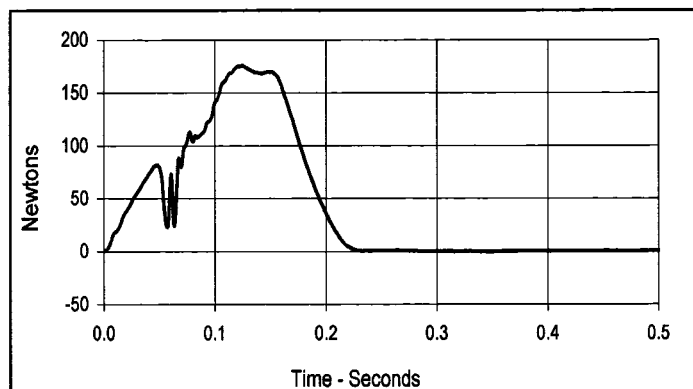
Test Date: 7/25 to 7/27/06
 NHTSA No.: C65203



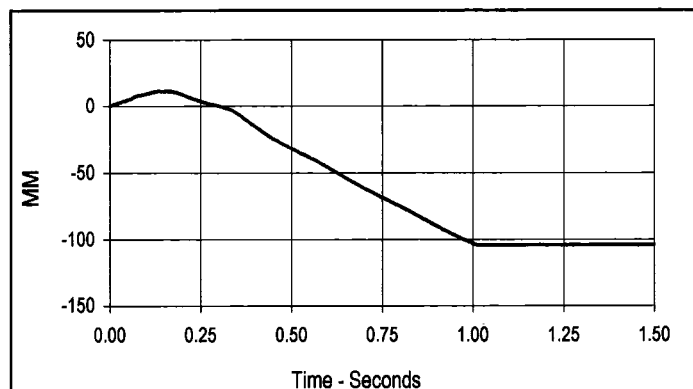
Curve Description			
Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
183.3	0.1	-0.2	1.1



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
8.1	0.1	-119.7	1.3



Curve Description			
Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
175.0	0.1	-0.8	1.1



Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
11.3	0.1	-104.7	1.4

FMVSS 118 (Left Front Window)
Test Equipment List and Calibration Information
7/25 to 7/27/06
2006 Infiniti G35 2-Door Coupe

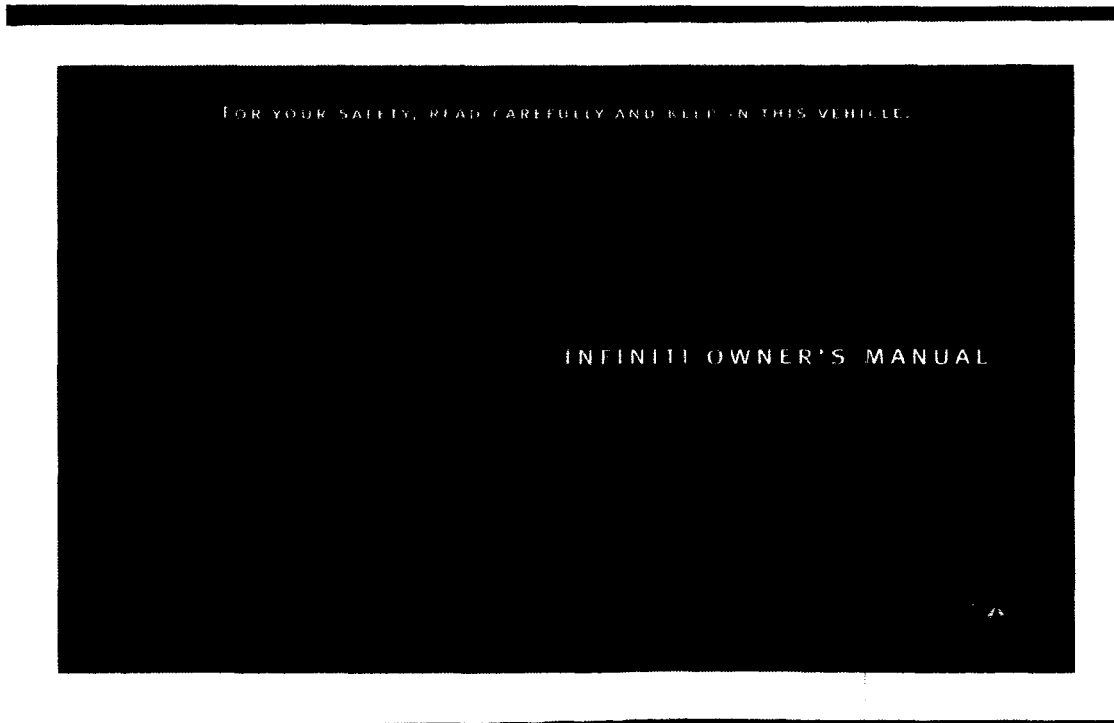
Description	Manufacturer	Model No.	Serial No.	Limit	Accuracy	Cal. Date	Due Cal.
DAS	DTS	TDAS Pro	DM0429	N/A	SAE J211	01/03/06	01/03/07
Laptop Computer	Toshiba	Satellite	LAP02	N/A	N/A	N/A	N/A
Load Cell	Denton	2409	85	445 Newtons	± 1.0%	03/22/06	03/22/07
Displacement Xdcr.	Celesco	PTX101-0030	J0654653	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	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		



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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKCV54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

KEYS

Master key (Valet key) and Intelligent Key (if so equipped)

- Master key (Valet key)
- Intelligent Key
- Valet key (metal key)
- Master key and key fob (if so equipped)
- Key number plate

Refer to "Intelligent Key system" later in this section.

A key number is necessary when you have lost all keys and do not have one to duplicate from. If you still have a key, or INFINITI dealer (see duplicate key).

INFINITI VEHICLE IMMOBILIZER SYSTEM KEYS

The master key can be used for all the locks.

Do not allow the immobilizer system key, which contains an electrical transmitter, to come into contact with salt water. This could affect system function.

DOORS

Leave these keys in the vehicle.

Do not allow the immobilizer system key, which contains an electrical transmitter, to come into contact with salt water. This could affect system function.

LOCKING WITH KEY POWER

The power door lock system allows you to lock or unlock all doors, trunk lid and the fuel filler door.

- Turning the door key cylinder to the "Lock" position will lock all doors, trunk lid and fuel filler door.
- Turning the door key cylinder to the "Unlock" position will unlock all doors, trunk lid and fuel filler door.

Pre-driving checks and adjustments

INTELLIGENT KEY SYSTEM (if so equipped)

The Intelligent Key may not function correctly depending on the environment or operating conditions. It could also malfunction if you do not use it correctly.

The Intelligent Key transmits radio waves.

In the following situations, the Intelligent Key may not operate correctly, and you may have to use the master key (valet key) or another key:

- when there are strong signals coming from a television tower, power station or broadcasting station.
- when you have wireless equipment or a cellular phone with you.
- when the Intelligent Key is in contact with or covered by a metallic material.
- when radio wave-type systems control entry to used nearby.
- when the Intelligent Key is placed near an electric appliance such as a personal computer.
- the Intelligent Key continuously consumes battery power as the key receives a signal to communicate with the vehicle. Battery life is about 3 years, although it varies depending on the operating conditions. When the battery of the Intelligent Key is low, the green flashing key warning light goes out about 30 seconds after the ignition switch is turned to the ON position. If the battery runs down, replace it with a new one.
- if the Intelligent Key receives strong signal over an automotive period of time, the battery could quickly run down. Do not place the Intelligent Key near an electric appliance such as a television set or personal computer.
- because the ignition switch is electrically controlled, if the battery is completely discharged when the ignition switch is in the LOCK position, the steering lock cannot be released and the ignition switch cannot be turned (including the mechanical key). Be careful not to completely discharge the battery.
- in case the battery is completely discharged, make sure to recharge the battery immediately.

Pre-driving checks and adjustments 3-9

Intelligent Key, Valet key, and Master key

Second the key number on the key number plate.

Pre-driving checks and adjustments

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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC54EX6M701372
TEST DATE:	07/25/06- 07/27/06		

DOOR LOCKS/UNLOCKS

PRECAUTION

- After locking with the door handle request switch, make sure the doors are securely locked.
- To prevent the Intelligent Key from being left inside the vehicle, make sure you carry the key with you and then lock the doors.
- To prevent the Intelligent Key from being left inside the trunk, make sure you carry the key with you and then close the trunk.
- You can lock or unlock the doors using only the door handle, which detects the Intelligent Key.
- When you try to unlock the door while pulling the door handle, the door may not unlock. In this case, release the door handle and the door will unlock. Pull the door handle again and the door will open.

INTELLIGENT KEY OPERATION

You can lock or unlock the doors without taking the key out from your pocket or purse.



When you carry the Intelligent Key with you, you can lock or unlock all doors by pulling the door handle request switch (1) within the range of operation.

Locking doors and fuel filler door

- Turn the ignition switch to the LOCK position and remove the ignition key if any metal key is in the ignition switch (1).
- Close all the doors (1).
- Push any door handle request switch while carrying the Intelligent Key within the range of operation.
- All the doors and fuel filler door will lock.
- The hazard indicator flashes twice and outside buzzer sounds twice.
- Doors lock with the Intelligent Key while a mechanical key or valet key is in the ignition switch.
- Doors lock with the Intelligent Key when the ignition switch is not in the LOCK position.
- Doors do not lock by pushing the door handle request switch or the lock button on the Intelligent Key when any door is open (outside 5...).

Unlocking doors and fuel filler door

- Push the door handle request switch (1).
- Driver's side
 - The driver door and fuel filler door unlock.
- Front passenger side
 - Only corresponding door unlocks.
- The hazard indicator flashes once and outside buzzer sounds once if all doors are completely closed with the ignition switch in any position except the ON position.
- Push the door handle request switch again within 5 seconds.

Pre-driving checks and adjustments 3-11

All doors and the fuel filler door unlock.

The hazard indicator flashes once and outside buzzer sounds once if all doors are completely closed.

As doors will be locked automatically after pushing the door handle request switch while any of the following operations is performed within 1 minute:

- any door is opened.
- the ignition switch is pushed.
- the mechanical key or the valet key is inserted into the ignition switch.

The interior light, coming right in to the car, will be on for 10 seconds.



Opening trunk lid

- Push the trunk open request switch (1).
- The trunk will be unlatched and buzzer sounds four times.
- Raise the trunk lid to open the trunk.

Locked protection

To prevent the Intelligent Key from being accidentally locked in the trunk, locked protection is equipped with the Intelligent Key system.

When the trunk lid is closed with the Intelligent Key, the trunk lid will be locked.

Pre-driving checks and adjustments 3-11

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

VEHICLE			
YEAR	2006	MAKE	Infiniti
MODEL	G35	BODY STYLE	2-Door Coupe
NHTSA NO.	C65203	VIN	JNKC V54E X6M701372
TEST DATE:	07/25/06- 07/27/06		

WINDOWS

POWER WINDOWS

LOADING GOLF BAGS (Coupe)

Only two standard golf bags can be loaded in the rear cargo area. To load golf bags, use the following procedure:

1. Driver side window
2. Front passenger side window
3. Rear left passenger side window
4. Rear right passenger side window
5. Window lock button

To open or close the window, push down (1) or pull up (2) the switch and hold it. The main switch (driver's side switches) will open or close all the windows.

Automatic operation (For the windows or all door windows equipped)

To fully open or close the window, push down or pull up the switch. To stop the window, just push the switch in the opposite direction.

Auto reverse function (Auto operation equipped model)

If the control unit detects

SUNROOF (If so equipped)

Automatic Adjusting Function (Coupe)

The power window has an automatic adjusting function. When the door is being opened, the window is automatically lowered slightly to avoid contact between the window and the side roof panel. When the door is closed, the window is automatically raised slightly.

Automatic Sunroof

The sunroof will only operate when the ignition switch is in the ON position.

Sliding the sunroof

To fully open or close the sunroof, push the switch to the CLOSE (1) or OPEN (2) position.

Auto reverse function (When closing the sunroof)

If the control unit detects something caught in the sunroof when it is closing, the sunroof will immediately move backward.

Auto reverse function (When opening the sunroof)

The auto reverse function can be activated when the sunroof is closed by automatic operation when the ignition switch is in the ON position or for about 45 seconds after the ignition switch is turned to the OFF position.

Depending on the environment or driving conditions, the auto reverse function may be activated if an impact or load similar to something being caught in the sunroof occurs.

Tilting the sunroof (Sedan)

To tilt up, first close the sunroof. Push the UP (1) side of the switch. To tilt down the sunroof, hold the DOWN (2) side.

Tilting the sunroof (Coupe)

To tilt up, first close the sunroof. Push the UP (1) side of the switch. To tilt down the sunroof, hold the DOWN (2) side.

Sun shade

Open or close the sun shade by hand or foot.

The shade will open automatically when the sunroof is opened. However, the shade can be closed manually.

Sedan

1. Push the switch to the CLOSE/UP side (1) to tilt up the sunroof. Release the switch when the sunroof is in the fully tilted up position.
2. Push and hold the switch to the CLOSE/UP (1) side for approximately 10 seconds until the sunroof moves automatically. Continue to push and hold the switch while the sunroof operates automatically. Do not release the switch.
3. Release the switch when the sunroof stops.
4. If the sunroof does not operate properly after step 3, repeat the procedure starting with step 1.

Coupe

1. Push the switch to the CLOSE/UP (1) side to tilt up the sunroof.
2. Release the switch when the sunroof is in the fully tilted up position.
3. Push and hold the switch to the CLOSE/UP (1) side for approximately 10 seconds until the sunroof moves automatically.

If the sunroof does not close

If the sunroof does not close or open automatically, use the following procedure to return sunroof operation to normal:

1. Push the switch to the CLOSE/UP (1) side to tilt up the sunroof.
2. Release the switch when the sunroof is in the fully tilted up position.
3. Push and hold the switch to the CLOSE/UP (1) side for approximately 10 seconds until the sunroof moves automatically.

Have an INFINITI dealer check and repair the sunroof.