

REPORT NO. 118-KAR-06-005

**SAFETY COMPLIANCE TESTING
FOR FMVSS 118**

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

2006 NISSAN TITAN
4-DOOR TRUCK

NHTSA NO. C65204

PREPARED BY:
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September 14, 2006

Final Report

PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
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16. <i>Abstract</i> Compliance tests were conducted on the subject 2006 Nissan Titan 4-Door Truck 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 Nissan Titan 4-Door Truck, 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 Nissan Titan 4-Door Truck was subjected to FMVSS 118 compliance testing. The tests were conducted at KARCO Engineering in Adelanto, California on September 13-14, 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	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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)	PASS	PASS	PASS
Right Rear (RR)	PASS	PASS	PASS
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)	PASS	PASS	PASS
Right Rear (RR)	PASS	PASS	PASS
Tail Gate (TG)	N/A	N/A	N/A
Partition (P)	PASS	PASS	PASS
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	30.5	N/A
DRIVER SIDE	30.5	N/A
PASSENGER SIDE	30.5	N/A
REAR	30.5	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 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 Non-Line of Sight in excess of 30.5 meters but not in excess of 36.5 meters.

The subject 2006 Nissan Titan 4-Door Truck appeared to meet the requirements of FMVSS 118.

3. TEST DATA

**DATA SHEET NO. 1
VEHICLE IDENTIFICATION**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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	X	N/A
Interior Switches	X	X	X	X	N/A	X	N/A
Master Control Panel	X	X	X	X	N/A	N/A	N/A
Exterior Switches	X	N/A	X	N/A	N/A	N/A	N/A
Remote Controller	X	N/A	X	N/A	N/A	N/A	N/A
Auto-Reverse	X	N/A	X	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

Rear Partition: Flush Mounted Rocker Switch, push down to open, pull up to close.

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: 09/14/06
APPROVED BY: MATTHEW A. IVORY DATE: 09/14/06

**DATA SHEET NO. 2
IGNITION KEY OFF TEST**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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	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	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	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	X	X	N/A	X	N/A	PASS
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: **09/14/06**
 APPROVED BY: **MATTHEW A. IVORY** DATE: **09/14/06**

**DATA SHEET NO. 3
IGNITION KEY REMOVED TEST**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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	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	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	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	X	X	N/A	X	N/A	PASS
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: 09/14/06
 APPROVED BY: MATTHEW A. IVORY DATE: 09/14/06

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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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

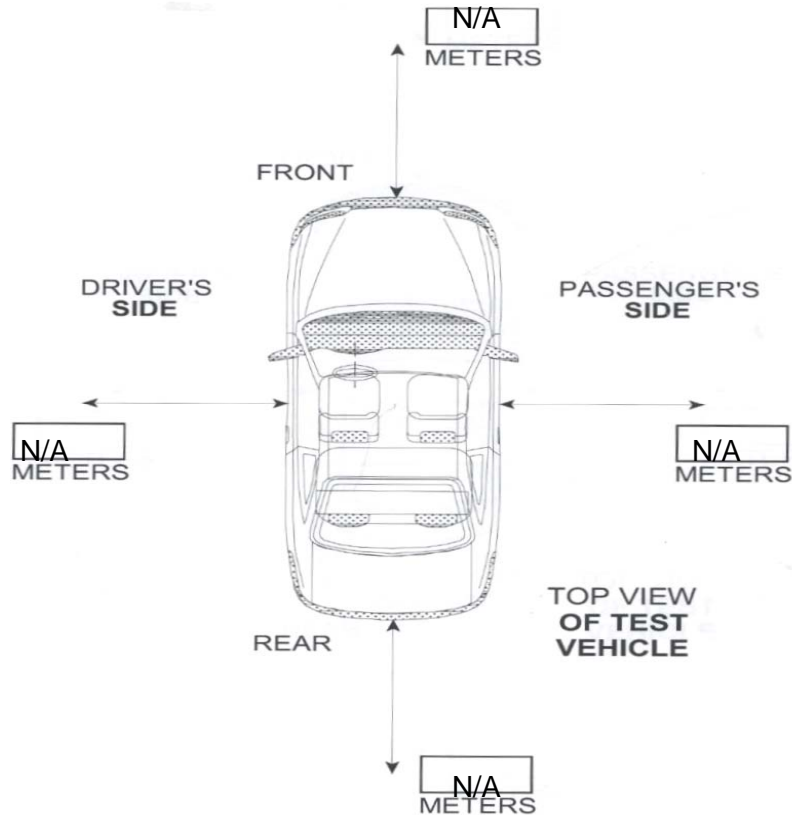
REMARKS: Turning the key in the driver door operates both left front and right front windows simultaneously. Continuous action is necessary to operate the windows up and down.

RECORDED BY: MATTHEW S. HUBBARD DATE: 09/14/06
 APPROVED BY: MATTHEW A. IVORY DATE: 09/14/06

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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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 (N/A) NO ().



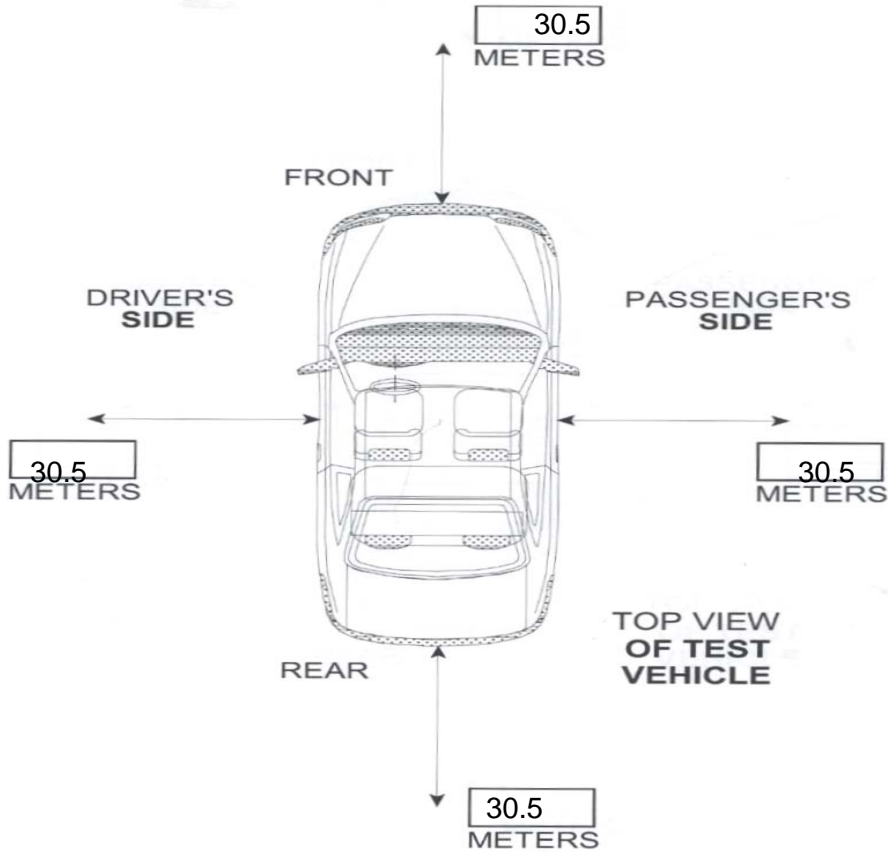
REMARKS: This vehicle is equipped with a remote actuation device that allows the windows to be opened but not closed. The remote works Non-Line of Sight in excess of 30.5 meters but not in excess of 36.5 meters.

RECORDED BY: MATTHEW A. HUBBARD DATE: 09/14/06
 APPROVED BY: MATTHEW A. IVORY DATE: 09/14/06

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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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 (N/A) NO ().



REMARKS: This vehicle is equipped with a remote actuation device that allows the windows to be opened but not closed. The remote works Non-Line of Sight in excess of 30.5 meters but not in excess of 36.5 meters.

RECORDED BY: **MATTHEW S. HUBBARD** DATE: **09/14/06**
APPROVED BY: **MATTHEW A. IVORY** DATE: **09/14/06**

**DATA SHEET NO. 7
AUTO REVERSAL**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

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: **MATTHEW S. HUBBARD**

DATE: **09/14/06**

APPROVED BY: **MATTHEW A. IVORY**

DATE: **09/14/06**

**DATA SHEET NO. 8
AUTO REVERSAL**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

Distance window is open from top seam to start position.

365mm

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	206.8	-103.1mm
25mm semi rigid rod	210.5	-103.0mm
50mm semi rigid rod	193.7	-100.8mm
100mm semi rigid rod	243.5	-98.7mm
200mm semi rigid rod	163.3	-101.3mm

Distance window is open from top seam to start position.

425mm

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	202.7	-98.6mm
25mm semi rigid rod	215.1	-105.8mm
50mm semi rigid rod	165.2	-104.4mm
100mm semi rigid rod	193.7	-102.7mm
200mm semi rigid rod	216.1	-105.5mm

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: **MATTHEW S. HUBBARD**

DATE: **09/14/06**

APPROVED BY: **MATTHEW A. IVORY**

DATE: **09/14/06**

**DATA SHEET NO. 9
AUTO REVERSAL**

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

Distance window is open from top seam to start position.

360mm

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	197.5	-105.2mm
25mm semi rigid rod	195.7	-106.3mm
50mm semi rigid rod	173.6	-104.9mm
100mm semi rigid rod	192.2	-105.8mm
200mm semi rigid rod	159.9	-104.4mm

Distance window is open from top seam to start position.

360mm

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	195.7	-104.5mm
25mm semi rigid rod	178.6	-105.5mm
50mm semi rigid rod	167.7	-104.1mm
100mm semi rigid rod	195.7	-107.5mm
200mm semi rigid rod	182.0	-106.9mm

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: **MATTHEW S. HUBBARD** DATE: **09/14/06**
 APPROVED BY: **MATTHEW A. IVORY** DATE: **09/14/06**

4. PHOTOGRAPHS

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Figure 1: Frontal ¾ View From Right Side of Vehicle

2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118



Figure 2: Rear ¾ View From Left Side of Vehicle

2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118

MFD BY NISSAN MOTOR CO., LTD.

DATE 09/05

GVWR 6422 LB

GAWR FR. 3377 LB

WITH P265/70R18 TIRES

18X8.0 RIMS AT 35 PSI

COLD SINGLE

GAWR RR. 3800 LB

WITH P265/70R18 TIRES

18X8.0 RIMS AT 35 PSI

COLD SINGLE

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

SEE OWNERS MANUAL FOR ADDITIONAL INFORMATION.

1N6AA07A46N 516578

TYPE: TRUCK 864

MODEL: CPKELTK-EUN 0Z000

COLOR TRIM TRANS

K12 I K IRE5R05A

AXLE ENGINE

CC29 I VK56DE 552CC



2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118

Figure 3: Vehicle Certification Label



TIRE AND LOADING INFORMATION
PNEU ET INFORMATION DE CHARGEMENT

SEATING CAPACITY NOMBRE DE PLACES	TOTAL TOTAL	5	FRONT AVANT	2	REAR ARRIERE	3
--------------------------------------	----------------	---	----------------	---	-----------------	---

THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED 1213 lbs OR 550 kg
 LE POIDS COMBINÉ D'OCCUPANTS ET DE CARGAISON NE DEVRAIT JAMAIS EXCÉDER 1213 lbs OU 550 kg

TIRE PNEU	ORIGINAL TIRE SIZE TAILLE DU PNEU D'ORIGINE	COLD TIRE PRESSURE PRESSION DE GONFLAGE À FROIDS
FRONT AVANT	P265/70R18	240 kPa (35 psi)
REAR ARRIERE	P265/70R18	240 kPa (35 psi)
SPARE TIRE ROUE DE SECOURS	P265/70R18	240 kPa (35 psi)

SEE OWNER'S MANUAL
 FOR ADDITIONAL
 INFORMATION.
 POUR D'AUTRES
 DÉTAILS, SE REPORTER
 AU MANUEL DU
 CONDUCTEUR.

516578 864

2006 NISSAN TITAN
 NHTSA NO. C65204
 FMVSS NO. 118

Figure 4: Tire Information Placard



Figure 5: Ignition Switch

2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118



Figure 6: Left Front Master Power Window Switch

2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118



Figure 7: Right Front Power Window Switch

2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118



2006 NISSAN TITAN
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Figure 8: Left Rear Power Window Switch



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Figure 9: Right Rear Power Window Switch



Figure 10: Rear Partition Power Window Switch

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Figure 11: Remote Actuation Device

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Figure 12: Key Actuation Device

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Figure 13: Overall Test Set-Up

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NHTSA NO. C65204
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Figure 14: Instrumentation

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FMVSS NO. 118



Figure 15: Test Set-Up Driver Window Leading Edge

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NHTSA NO. C65204
FMVSS NO. 118



Figure 16: Test Set-Up Passenger Window Rear Edge

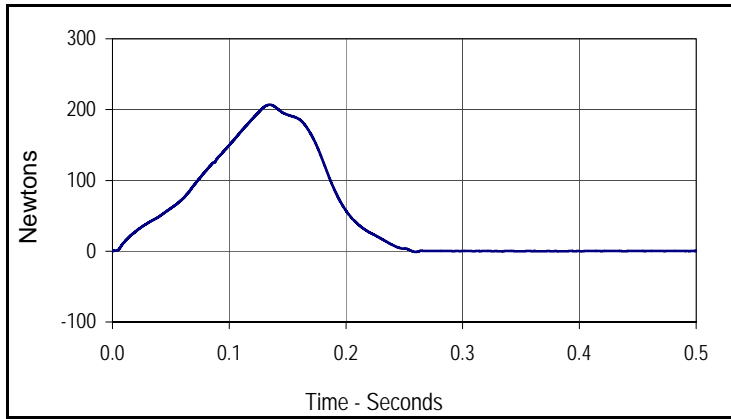
2006 NISSAN TITAN
NHTSA NO. C65204
FMVSS NO. 118

5. DATA PLOTS

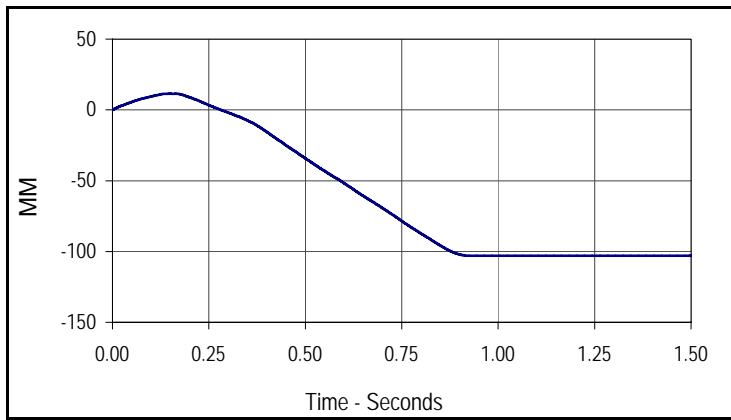
Graph 1 & 2	Left Front Window Leading Edge 5mm Simi Rigid Rod	33
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Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

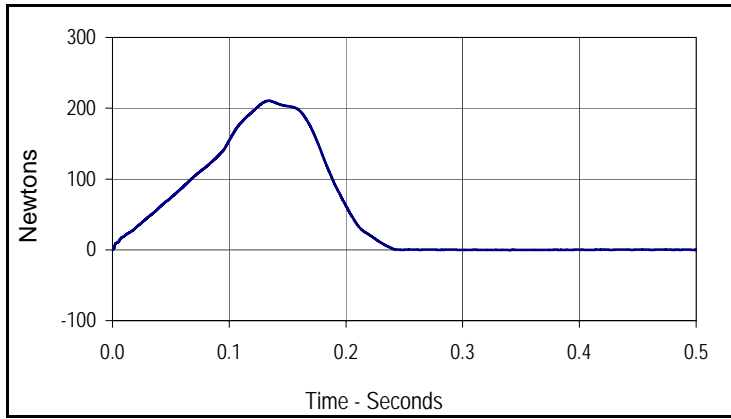
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



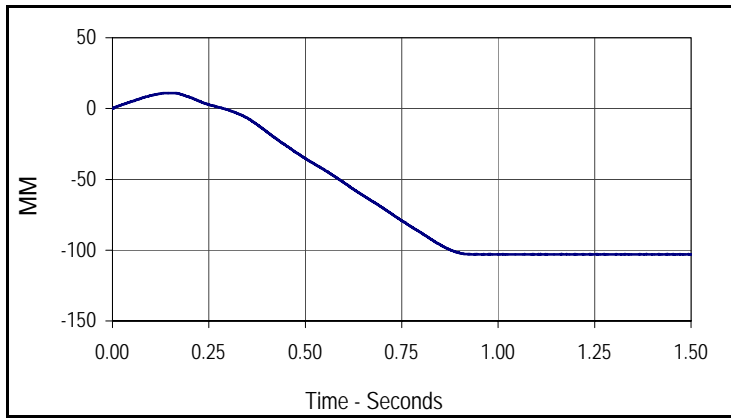
Curve Description			
Window Force 5MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
206.8	0.1	-1.0	0.3



Curve Description			
Window Travel 5MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
11.5	0.1	-103.1	1.5



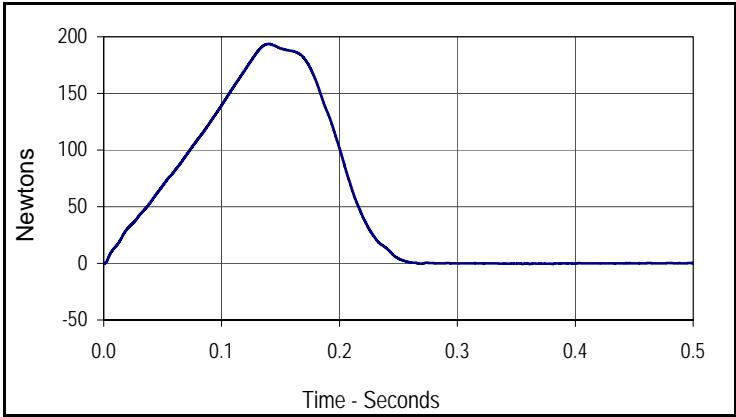
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Max	Time	Min	Time
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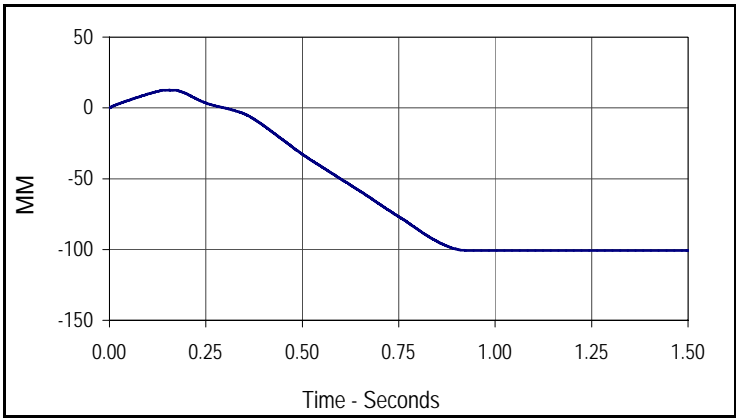
Curve Description			
Window Travel 25MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
10.9	0.2	-103.0	1.3

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

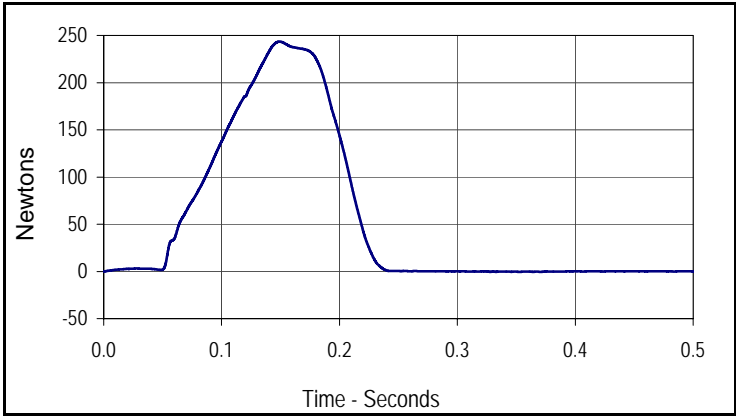
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



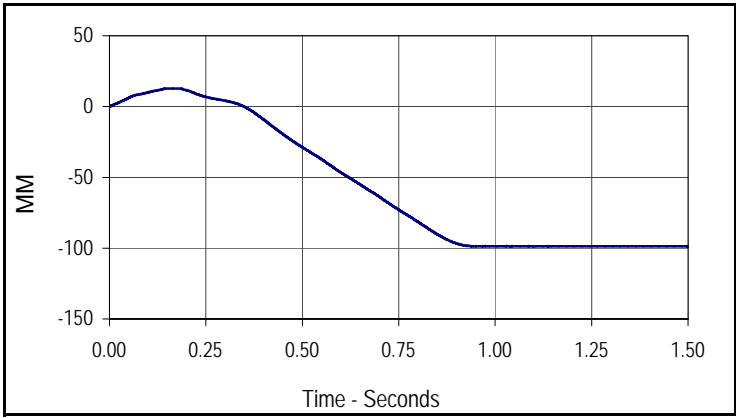
Curve Description			
Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
193.7	0.1	-0.6	0.4



Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
12.6	0.2	-100.8	1.4



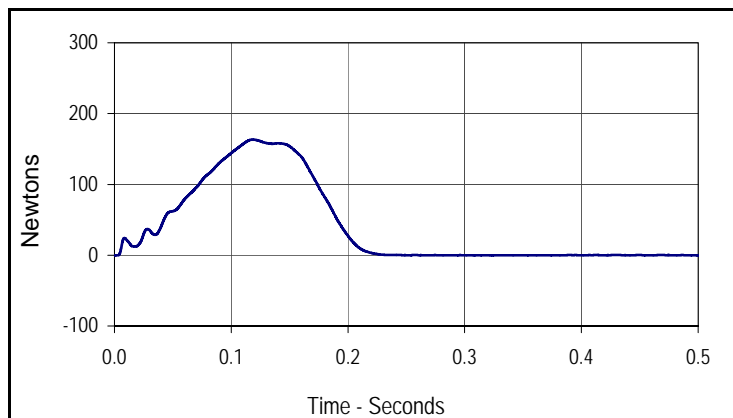
Curve Description			
Window Force 100MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
243.5	0.1	-0.6	0.3



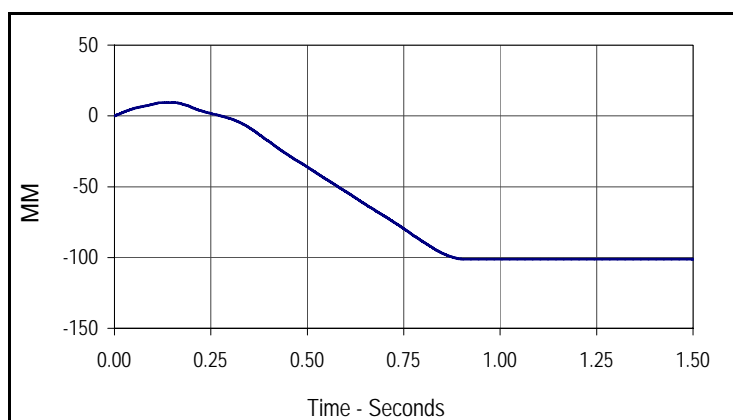
Curve Description			
Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
12.7	0.2	-98.7	1.4

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



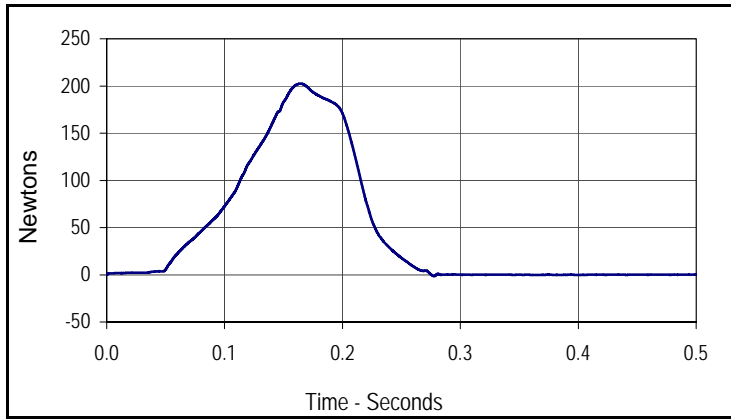
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Window Force 200MM Leading Edge			
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001	FIL	180	Newtons
Max	Time	Min	Time
163.3	0.1	-0.6	0.9



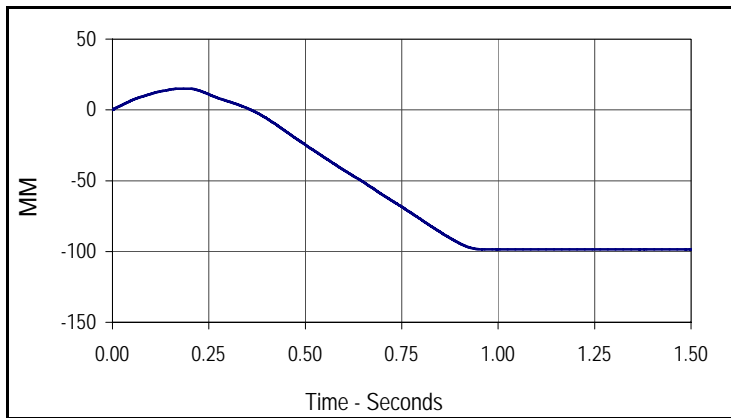
Curve Description			
Window Travel 200MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.5	0.1	-101.3	1.4

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

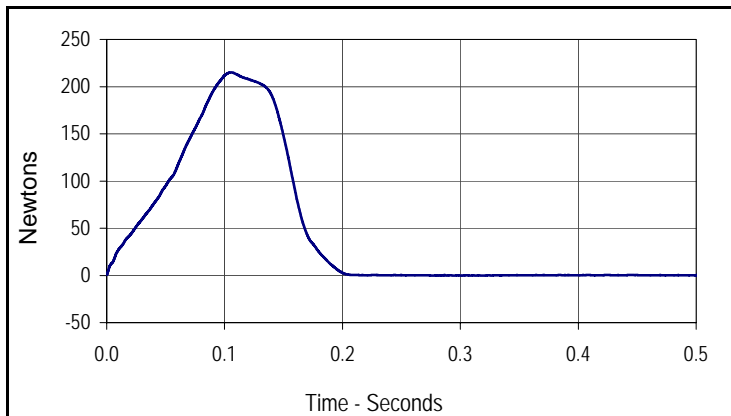
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



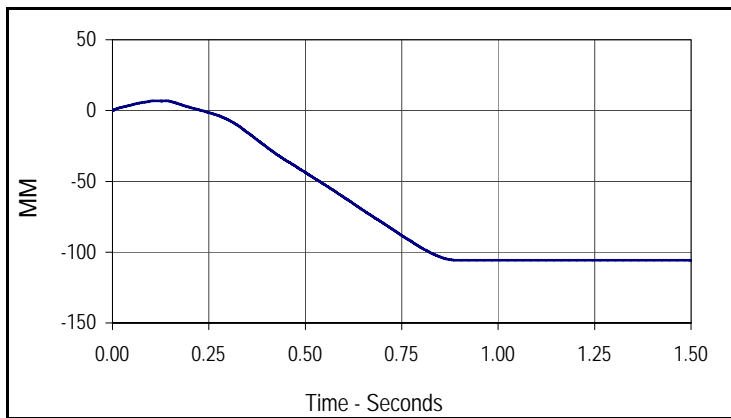
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
202.7	0.2	-1.5	0.3



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
15.0	0.2	-98.6	1.5



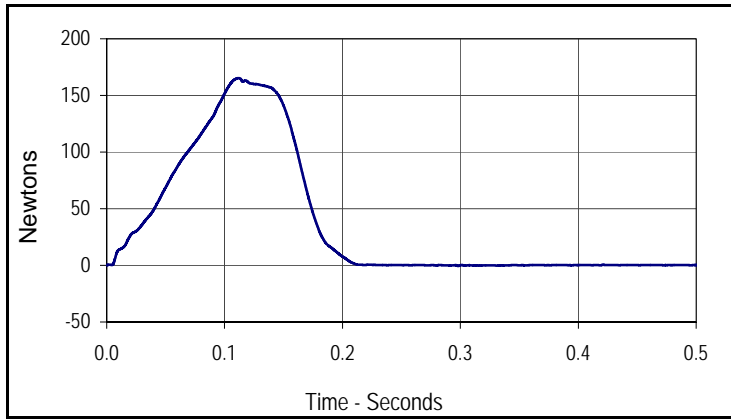
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Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
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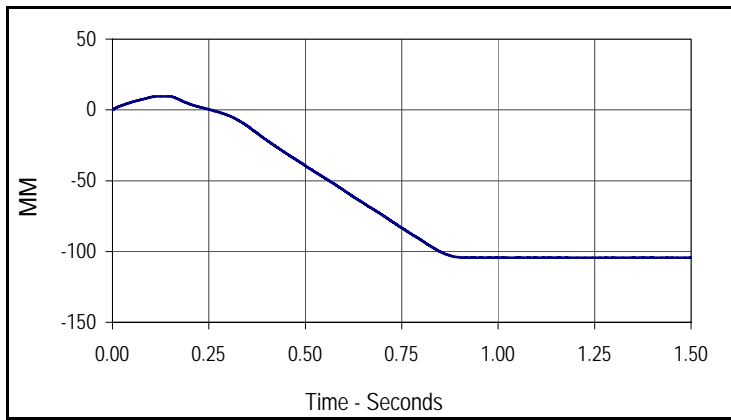
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.8	0.1	-105.8	1.4

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

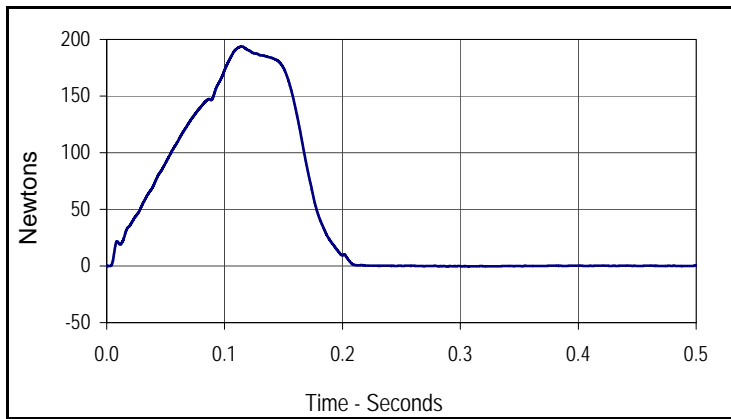
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



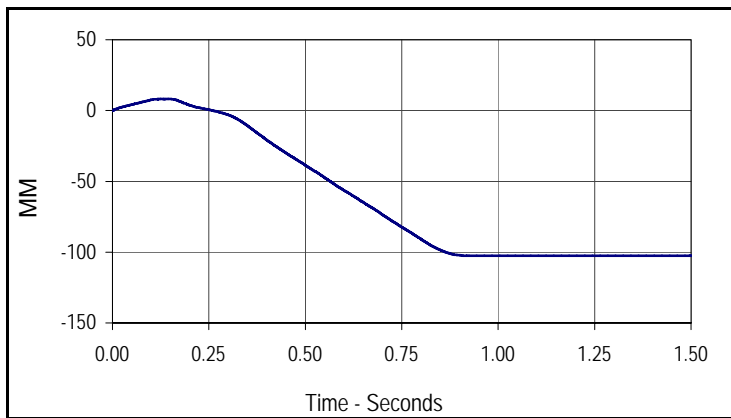
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Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
165.2	0.1	-0.5	0.3



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.7	0.1	-104.4	1.3



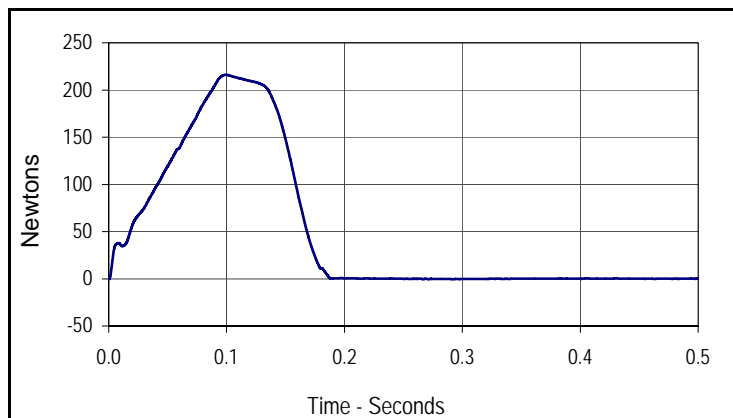
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Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
193.7	0.1	-0.6	0.3



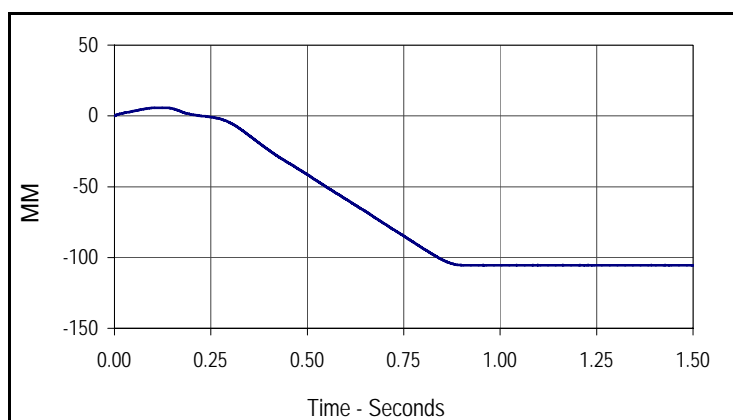
Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
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Max	Time	Min	Time
8.2	0.1	-102.7	1.5

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Left Front Window)

Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



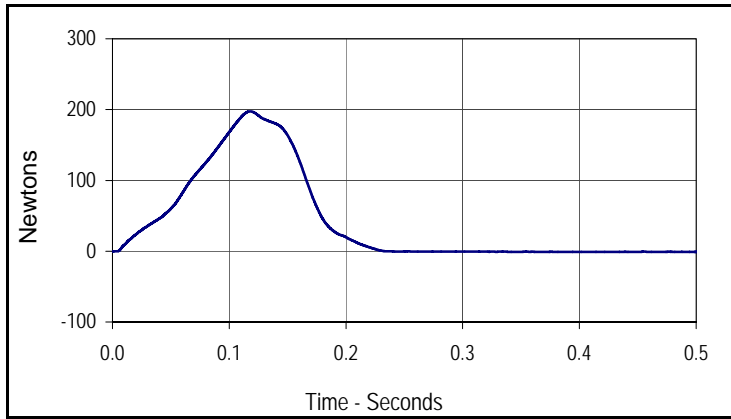
Curve Description			
Window Force 200MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
216.1	0.1	-0.5	0.3



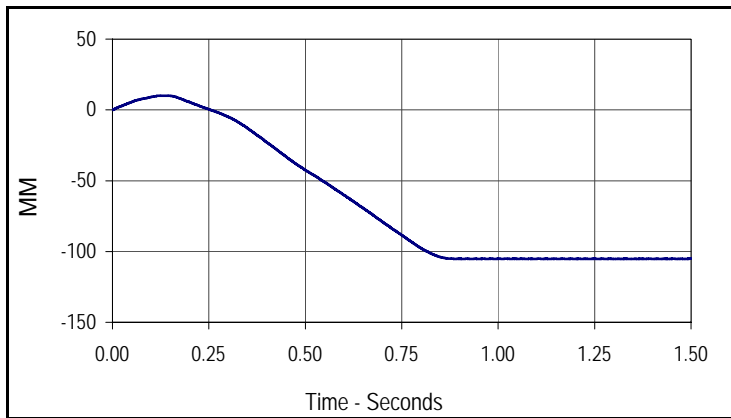
Curve Description			
Window Travel 200MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
5.7	0.1	-105.5	1.2

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

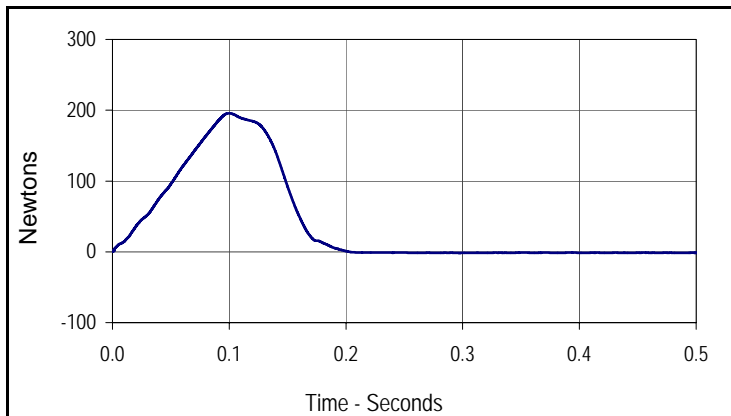
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



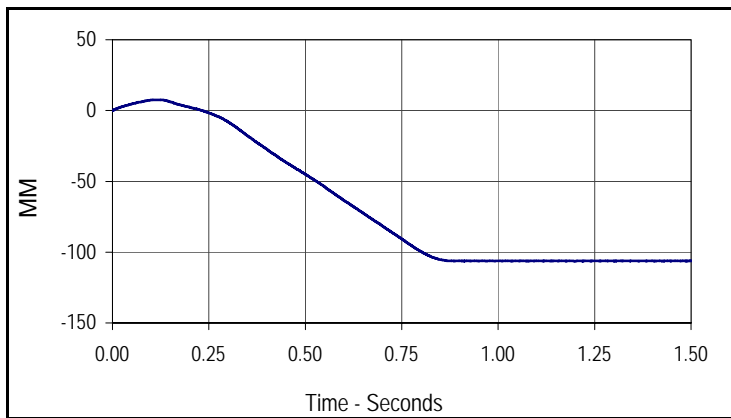
Curve Description			
Window Force 5MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
197.5	0.1	-1.2	0.7



Curve Description			
Window Travel 5MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
10.0	0.1	-105.2	1.4



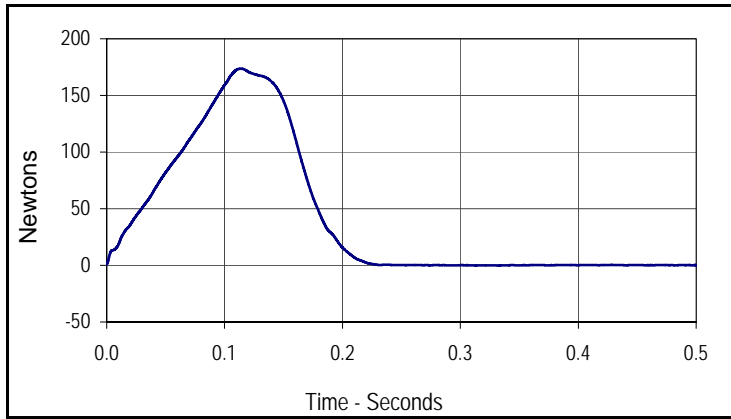
Curve Description			
Window Force 25MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
195.7	0.1	-1.7	0.3



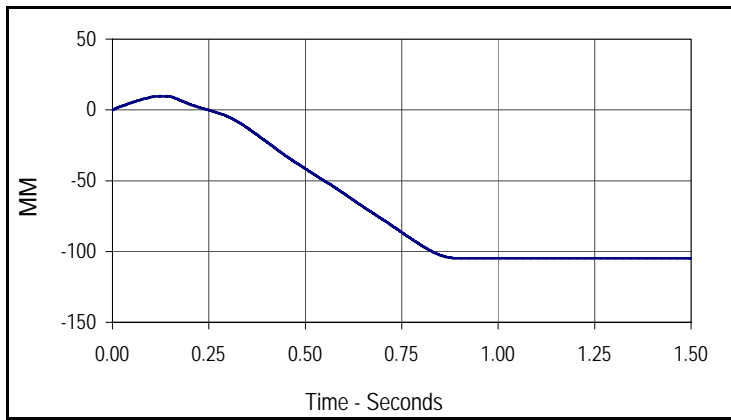
Curve Description			
Window Travel 25MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.5	0.1	-106.3	0.9

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

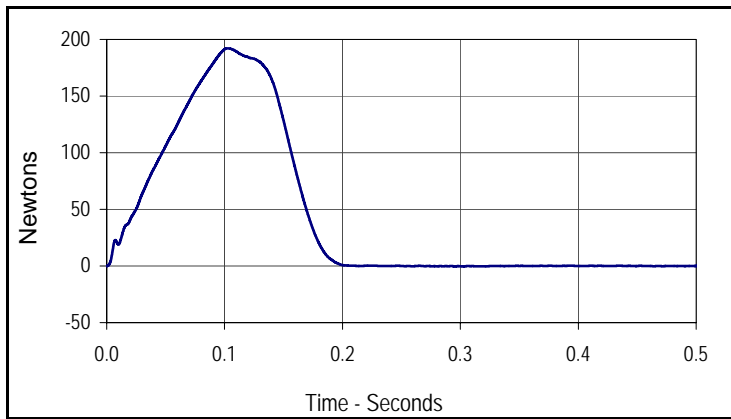
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



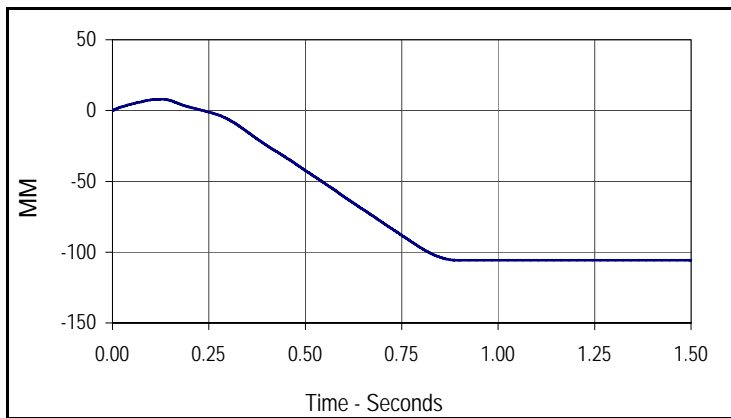
Curve Description			
Window Force 50MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
173.6	0.1	-0.2	0.3



Curve Description			
Window Travel 50MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.7	0.1	-104.9	1.1



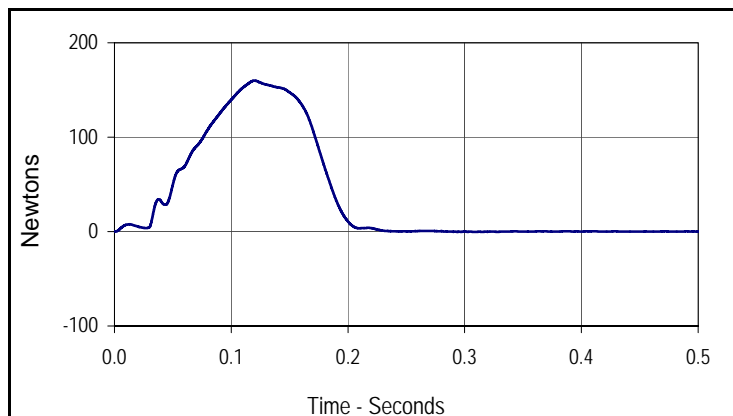
Curve Description			
Window Force 100MM Leading Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
192.2	0.1	-0.5	0.3



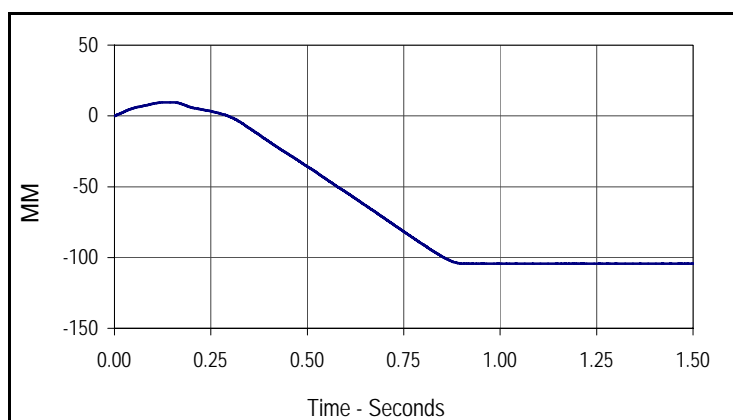
Curve Description			
Window Travel 100MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.9	0.1	-105.8	1.3

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



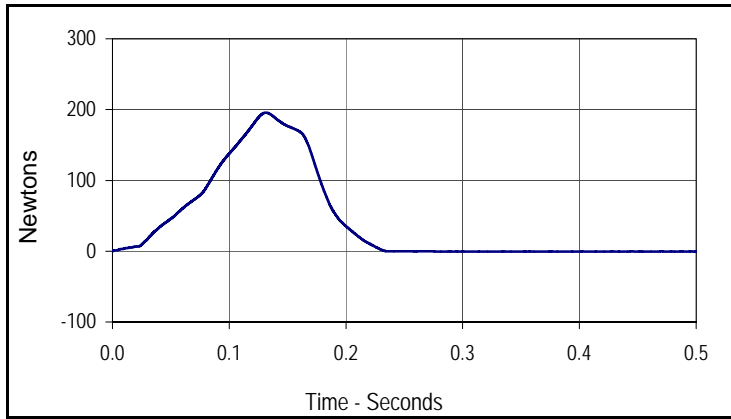
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Max	Time	Min	Time
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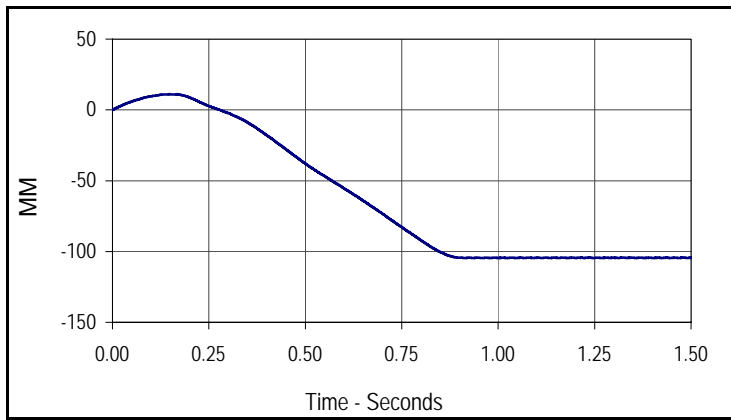
Curve Description			
Window Travel 200MM Leading Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
9.7	0.1	-104.4	1.3

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

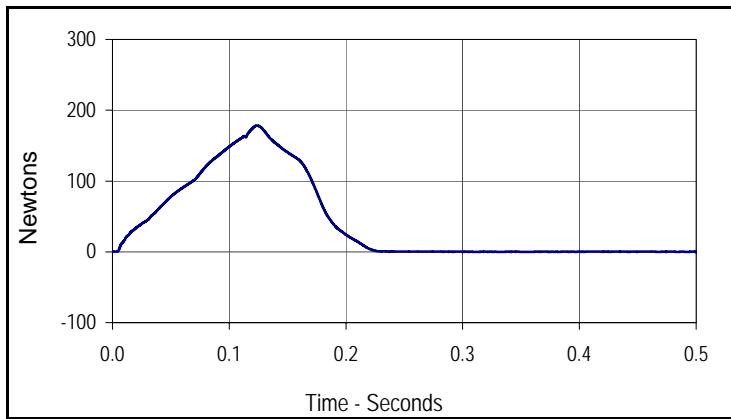
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 NHTSA No.: C65204



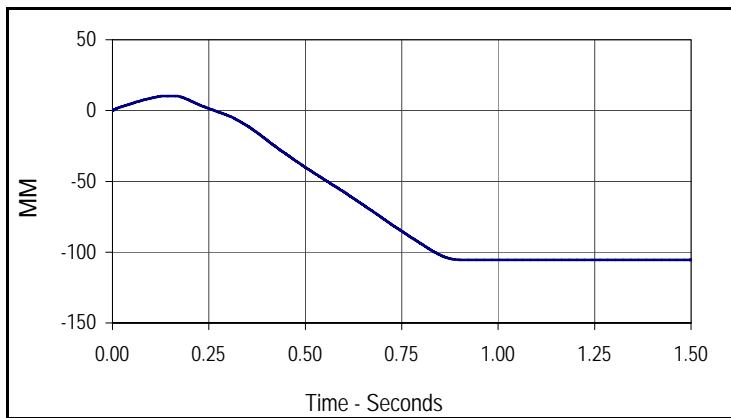
Curve Description			
Window Force 5MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
195.7	0.1	-0.8	0.6



Curve Description			
Window Travel 5MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
11.1	0.1	-104.5	1.4



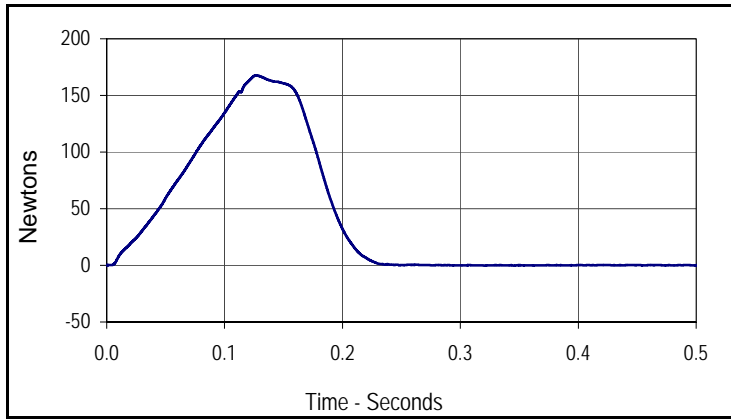
Curve Description			
Window Force 25MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
178.6	0.1	-0.2	0.6



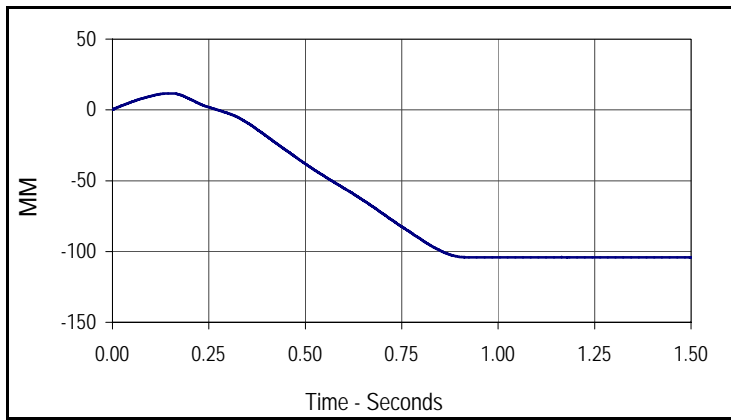
Curve Description			
Window Travel 25MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
10.3	0.2	-105.5	1.4

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

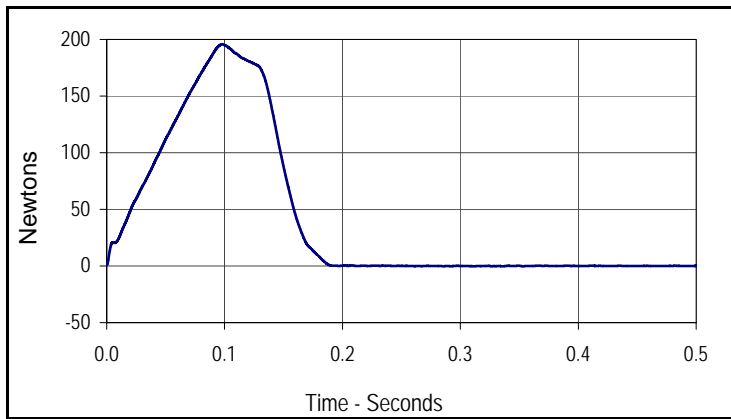
Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



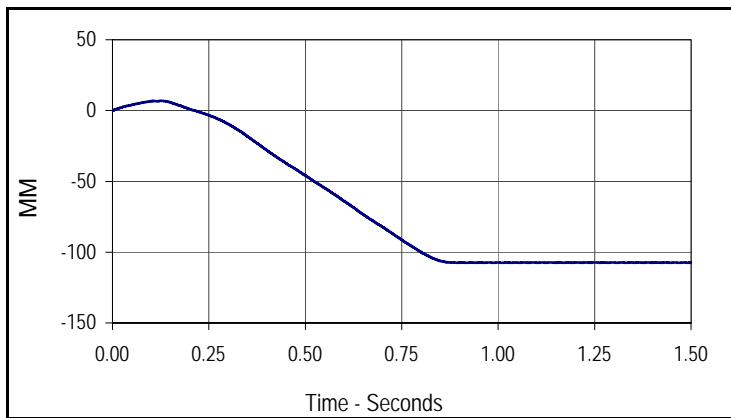
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Window Force 50MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
167.7	0.1	-0.3	0.3



Curve Description			
Window Travel 50MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
11.6	0.1	-104.1	1.0



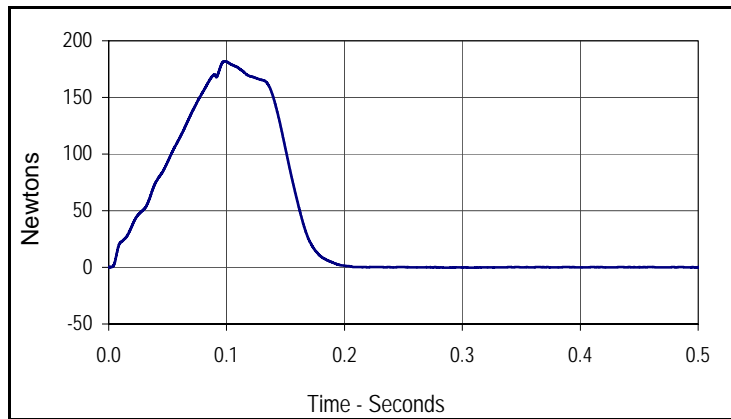
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Window Force 100MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
195.7	0.1	-0.3	0.3



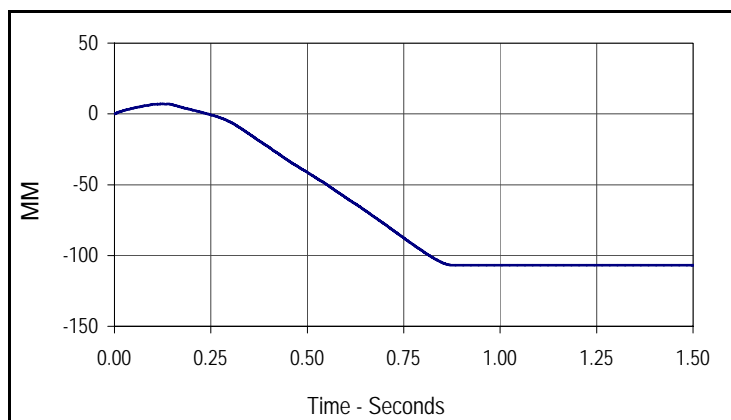
Curve Description			
Window Travel 100MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
6.8	0.1	-107.5	0.9

Test Vehicle: 2006 Nissan Titan 4-Door Truck
 Test Program: FMVSS 118 (Right Front Window)

Test Date: 9/13 to 9/14/06
 NHTSA No.: C65204



Curve Description			
Window Force 200MM Rear Edge			
CURNO	Type	SAE Class	Units
001	FIL	180	Newtons
Max	Time	Min	Time
182.0	0.1	-0.3	0.3



Curve Description			
Window Travel 200MM Rear Edge			
CURNO	Type	SAE Class	Units
002	FIL	180	MM
Max	Time	Min	Time
7.0	0.1	-106.9	1.2

FMVSS 118
Test Equipment List and Calibration Information
9/13 to 9/14/06
2006 Nissan Titan 4-Door Truck

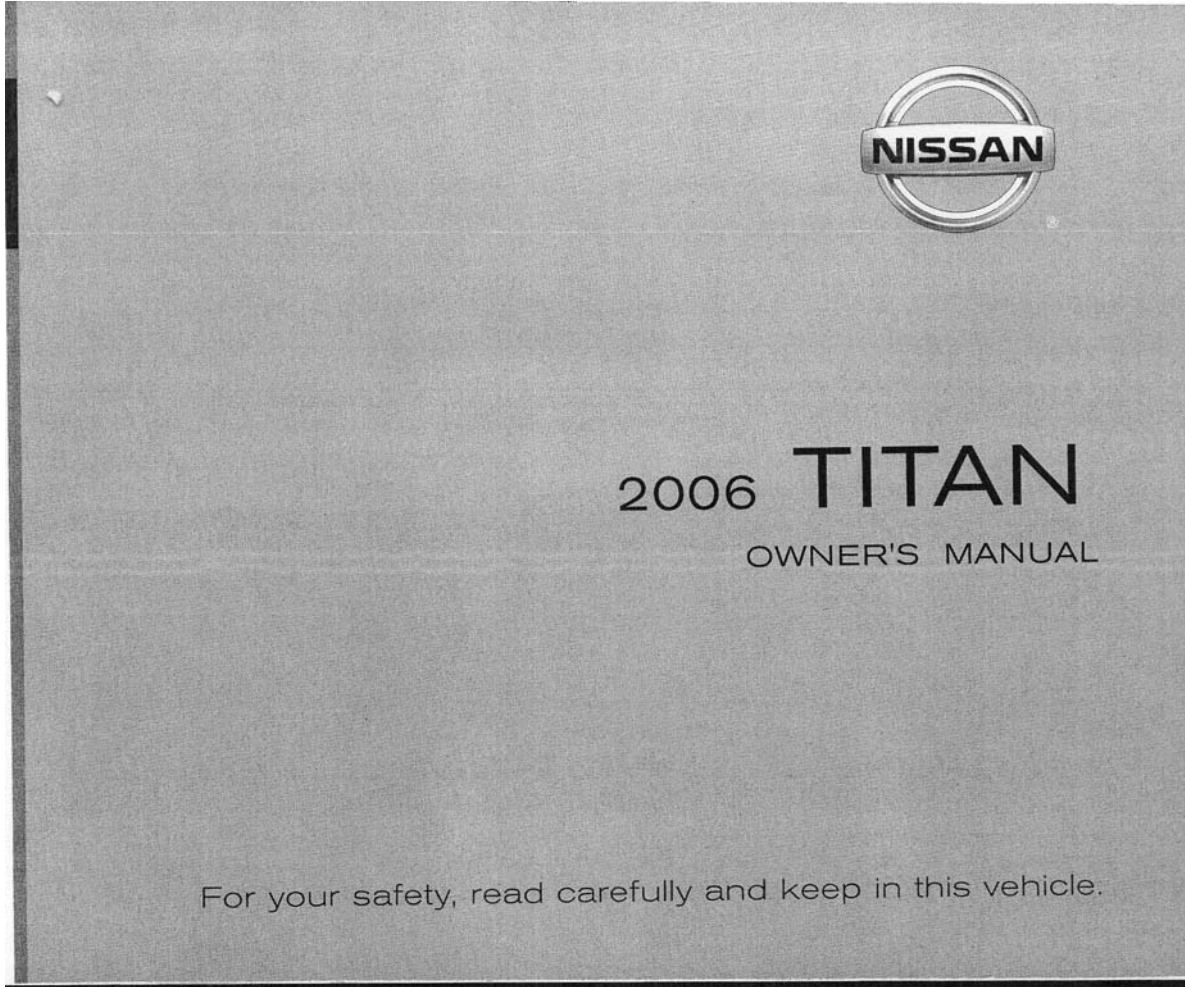
Description	Manufacturer	Model No.	Serial No.	Limit	Accuracy	Cal. Date	Due Cal.
DAS	DTS	TDAS Pro	DM0429	N/A	SAE J211	01/03/06	01/03/07
Laptop Computer	Toshiba	Satellite	LAP02	N/A	N/A	N/A	N/A
Load Cell	Denton	2409	85	445 Newtons	± 1.0%	03/22/06	03/22/07
Displacement Xdcr.	Celesco	PTX101-0030	J0654653	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	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		



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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

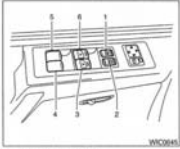
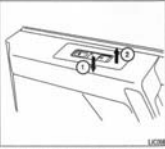
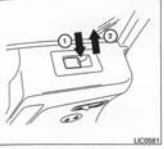
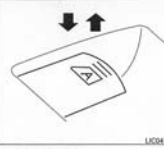
WINDOWS

POWER WINDOWS (if so equipped)

WARNING

- Make sure that all passengers have their hands, etc. inside the vehicle while it is in motion and before closing the windows. Use the window lock switch to prevent unexpected use of the power windows.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls and become trapped in a window. Unattended children could become involved in serious accidents.

The power windows operate when the ignition switch is in the ON position, or for about 45 seconds after the ignition switch is turned to the OFF position. If the driver's or passenger's door is opened during this period of about 45 seconds, power to the windows is canceled.

1. Window lock button
2. Power door lock switch
3. Front passenger side automatic switch
4. Right rear passenger window switch
5. Left rear passenger window switch
6. Driver side automatic switch

Driver's side power window switch
 The driver's side control panel is equipped with switches to open or close the front and rear passenger windows.
 To open a window, push the switch and hold it down. To close a window, pull the switch and hold it up. To stop the opening or closing function at any time, simply release the switch.

Front passenger power window switch
 The passenger window switch operates only the corresponding passenger window. To open the window, push the switch and hold it down (1). To close the window, pull the switch up (2).

Locking passengers' windows
 When the window lock button is depressed, the driver side window can be opened or closed. Push it again to cancel the window lock function.

Rear power window switch
 The rear passenger window switches open or close only the corresponding passenger window. To open the window, push the switch and hold it down (1). To close the window, pull the switch up (2).


Automatic operation
 To fully open a window equipped with automatic operation, press the window switch down (only driver's side shown) to the second detent and release it. It need not be held. The window automatically opens all the way. To stop the window, lift the switch up while the window is opening.
 To fully close a window equipped with automatic operation, pull the switch up to the second detent and release it; it need not be held.

Auto-reverse function
 The auto-reverse function can be activated when a window is closed by automatic operation. 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 window occurs.

WARNING
 There are some small distances immediately before the closed position which cannot be detected. Make sure that all passengers have their hands, etc., inside the vehicle before closing the window.
 If the control unit detects something caught in a window equipped with automatic operation as it is closing, the window will be immediately lowered.

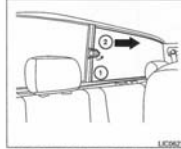
2-44 Instruments and controls

MANUAL WINDOWS



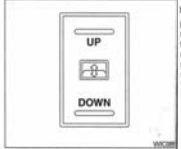
The side windows can be opened or closed by turning the hand crank on each door.

REAR SLIDING WINDOW (if so equipped)



Squeeze the handles of the lever (1), then slide the window open (2).

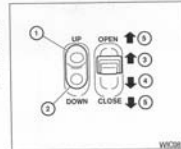
REAR POWER WINDOW SWITCH (if so equipped)



To open the rear power window, push and hold the switch in the UP position.
 To close the rear power window, push and hold the switch in the DOWN position.
 To stop the opening or closing function at a time, simply release the switch.

NOTE:
 If the rear power window (if so equipped) is lowered while the defroster switch is on, the rear window defroster will automatically shut off. The heated outside mirrors (if so equipped) will remain on. The rear window defroster will automatically turn on when the rear power window is fully closed if the switch is on.

SUNROOF (if so equipped)



To open or close the sunroof part way, push the switch in any direction (1) while the roof is sliding open or closed to stop it in the desired position.

Tilting the sunroof
 To tilt the sunroof up, push the tilt switch toward the up position (2).
 To tilt the sunroof down, push the tilt switch toward the down position (3).

Restarting the sunroof sliding switch
 The sliding switch will become inoperable after the battery terminal is disconnected, the electrical supply interrupted and/or some abnormality detected. Use the following reset procedure to return sunroof operation to normal.

- If the sunroof lid is open, push the tilting switch repeatedly toward the down position (3) to fully close the lid.
- Finally, push and hold the tilting switch for more than 2 seconds toward the down position (3) to reestablish the lid's home position.

The sunroof should now operate normally.

AUTOMATIC SUNROOF
 The sunroof will only operate when the ignition key is in the ON position. The automatic sunroof is operational for about 45 seconds, even if the ignition key is turned to the ACC or OFF position, if the driver's door or the front passenger's door is opened during this period of about 45 seconds, power to the sunroof is canceled.

Sliding the sunroof
 To fully open the sunroof, push the switch toward the open position (2).
 To fully close the sunroof, push the switch toward the close position (3).

2-46 Instruments and controls

Auto reverse function (when closing or tilting down the sunroof)
 The auto reverse function can be activated when the sunroof is closed or tilted down by automatic operation when the ignition key is in the ON position or for about 45 seconds after the ignition key 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.

WARNING
 There are some small distances immediately before the closed position which cannot be detected. Make sure that all passengers have their hands, etc., inside the vehicle before closing the sunroof.

When closing:
 If the control unit detects something caught in the sunroof as it moves to the front, the sunroof will immediately open backward.

When tilting down:
 If the control unit detects something caught in the sunroof as it tilts down, the sunroof will immediately lift up.

2-48 Instruments and controls

If the auto reverse function malfunctions and repeats opening or tilting up the sunroof, keep pushing the tilt down switch within 6 seconds after it happens, then the sunroof will fully close gradually. In this case, make sure nothing is caught in the sunroof.

WARNING
 In an accident you could be thrown from the vehicle through an open sunroof. Always use seat belts and child restraints.

Do not allow anyone to stand up or extend any portion of their body out of the sunroof opening while the vehicle is in motion or while the sunroof is closing.

CAUTION
 Remove water drops, snow, ice or sand from the sunroof before opening.
 Do not place heavy objects on the sunroof or surrounding area.

Sunshade
 Open and close the sunshade by sliding it forward or backward.

If the sunroof does not close
 Have your NISSAN dealer check and repair the sunroof.

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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

KEYS

- Two master keys (black) with transponder chip and chrome Nissan brand symbol on one side
- Valet key (black) with transponder chip
- Key number plate
- Transponder chip

A key number plate is supplied with your keys. Record the key number and keep it in a safe place (such as your wallet), not in the vehicle. If you lose your keys, use a Nissan dealer for duplicates by using the key number. Nissan does not record key numbers so it is very important to keep track of your key number plate.

3-2 Pre-driving checks and adjustments

KEYS

A key number is only necessary when you have lost all keys and do not have one to duplicate from. If you still have a key, your Nissan dealer can duplicate it.

NISSAN VEHICLE IMMOBILIZER SYSTEM KEYS

You can only drive your vehicle using the master or valet keys which are registered to the Nissan Vehicle Immobilizer System components in your vehicle. These keys have a transponder chip in the key head.

The master key can be used for all the locks. The valet key cannot be used for the console box lock, the base storage compartment lock, or the tailgate lock.

To protect belongings when you leave a key with someone, give them the valet key only.

Never leave these keys in the vehicle.

Additional or replacement keys:

If you still have a key, the key number is not necessary when you need other Nissan Vehicle Immobilizer System keys. Your dealer can duplicate your existing key. As many as five Nissan Vehicle Immobilizer System keys can be used with one vehicle. You should bring all Nissan Vehicle Immobilizer System keys that you have to your Nissan dealer for registration. This is because the registration process will erase the memory of all key codes previously registered into the Nissan Vehicle Immobilizer System. After the registration process, these components will only recognize keys coded into the Nissan Vehicle Immobilizer System during registration. Any key that is not given to your dealer at the time of registration will no longer be able to start the vehicle.

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

DOORS

WARNING

Always have the doors locked while driving. Along with the use of seat belts, this provides greater safety in the event of an accident by helping to prevent persons from being thrown from the vehicle. This also helps keep children and others from unintentionally opening the doors, and will help keep out intruders.

Before opening any door, always look for and avoid oncoming traffic.

Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.

LOCKING WITH KEY

Manual

To lock a door, turn the key toward the front of the vehicle (1). To unlock, turn the key toward the rear (2).

Power

The power door lock system allows you to lock or unlock all doors at the same time.

Turning the key toward the front (1) of the vehicle locks all doors at the same time.

Turning the key one time toward the rear (2) of the vehicle unlocks that door. From that position, returning the key to neutral (3) (where the key can only be removed) and inserting it and turning it toward the rear again within 5 seconds unlocks all doors (4).

Opening and closing windows

The driver's door key operation allows you to open and close windows equipped with automatic operation at the same time.

- To open the windows, turn the driver's door key toward the rear of the vehicle for longer than 1 second after the door is unlocked.
- To close the windows, turn the driver's door key to the front of the vehicle for longer than 1 second after the door is locked.

Windows stop when the key cylinder is released.

3-3 Pre-driving checks and adjustments

REMOTE KEYLESS ENTRY SYSTEM (if so equipped)

It is possible to lock/unlock all doors, turn on the interior lights and puddle lamps (if so equipped), and activate the panic alarm by using the keyfob from outside the vehicle.

Some settings for the keyfob, such as horn beep, can be adjusted. For vehicles without navigation system, refer to "Silencing the horn beep feature" later in this section. For vehicles with navigation system, refer to "Vehicle electronic systems" in the "Display screen, heater, air conditioner and audio systems" section later in this manual.

Be sure to remove the key from the vehicle before locking the doors.

The keyfob can operate at a maximum distance of approximately 33 ft (10 m) from the vehicle. The effective distance depends upon the conditions around the vehicle.

As many as 5 keyfobs can be used with one vehicle. For information concerning the purchase and use of additional keyfobs, contact a Nissan dealer.

The keyfob will not function when:

- the battery is discharged.
- the distance between the vehicle and the keyfob is over 33 ft (10 m).

The panic alarm will not activate when the key is in the ignition switch.

CAUTION

Listed below are conditions or occurrences which will damage the keyfob:

- Do not allow the keyfob to become wet.
- Do not drop the keyfob.
- Do not strike the keyfob sharply against another object.
- Do not place the keyfob for an extended period in an area where temperatures exceed 140°F (60°C).

If a keyfob is lost or stolen, Nissan recommends erasing the ID code of that keyfob. This will prevent the keyfob from unauthorized use to unlock the vehicle. For information regarding the erasing procedure, please contact a Nissan dealer.

HOW TO USE REMOTE KEYLESS ENTRY SYSTEM

Locking doors

- Close all windows.
- Remove the key from the ignition switch.
- Close the hood and all doors.
- Push the (1) button on the keyfob. All the doors lock. The hazard warning lights flash twice and the horn beeps once to indicate all doors are locked.

3-7 Pre-driving checks and adjustments

- When the (1) button is pushed with all doors locked, the hazard warning lights flash twice and the horn beeps once as a reminder that the doors are already locked.
- If a door is open and you push the (1) button, the doors will lock but the horn will not beep and the hazard warning lights will not flash.

The horn may or may not beep. For vehicles without navigation system, refer to "Silencing the horn beep feature" later in the section. For vehicles with navigation system, refer to "Vehicle electronic systems" in the "Display screen, heater, air conditioner and audio systems" section later in this manual.

Unlocking doors

Push the (2) button on the keyfob once.

- Only the driver's door unlocks.
- The hazard warning lights flash once if all doors are completely closed with the ignition key in any position except the ON position.
- The interior lights and puddle lamps (if so equipped) turn on and the light timer activates for 30 seconds when the interior light switch is in the DOOR position with the ignition key in any position except the ON position.

Push the (2) button on the keyfob again with 5 seconds.

- All doors unlock.
- The hazard warning lights flash once if all doors are completely closed.

The interior lights can be turned off without waiting 30 seconds by inserting the key into the ignition and turning to the ON or START position, locking the doors with the keyfob or pushing the interior light switch to the off position.

Auto lock

When the (2) button on the keyfob is pushed, all doors will lock automatically within 1 minute unless one of the following operations is performed:

- Any door is opened.
- A key is inserted into the ignition switch and the key is turned from OFF to ON.

Linking the keyfob to automatic drive positioner memory

If the vehicle is equipped with automatic drive positioner, the keyfob can be linked to a memory setting. See "Automatic driver positioner" later in this section.

3-8 Pre-driving checks and adjustments

Using the panic alarm

If you are near your vehicle and feel threatened, you may activate the panic alarm to call attention to pushing and holding the (3) button on the keyfob for longer than 0.5 second.

The panic alarm and headlights will stay on for 25 seconds.

The panic alarm stops when:

- it has run for 25 seconds, or
- any button is pushed on the keyfob.

Silencing the horn beep feature

If desired, the horn beep feature can be deactivated using the keyfob.

NOTE:

If you change the horn beep and lamp flash feature with the keyfob, the display screen (if so equipped) will not show the current mode and cannot be used to change the mode. Use the keyfob to return to the previous mode and re-enable the display screen control.

To deactivate: Press and hold the (3) and (4) buttons for at least 2 seconds.

The hazard warning lights will flash three times to confirm that the horn beep feature has been deactivated.

To activate: Press and hold the (3) and (4) buttons for at least 2 seconds once more.

The hazard warning lights will flash once and the horn will sound once to confirm that the horn beep feature has been reactivated.

Deactivating the horn beep feature does not silence the horn if the alarm is triggered.

Using the interior lights

Push the (4) button on the keyfob once to turn on the interior lights and puddle lamps (if so equipped).

For additional information, refer to "Interior light" in the "Instruments and controls" section earlier in this manual.

3-9 Pre-driving checks and adjustments

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

VEHICLE			
YEAR	2006	MAKE	Nissan
MODEL	Titan	BODY STYLE	4-Door Truck
NHTSA NO.	C65204	VIN	1N6AA07A46N516578
TEST DATE:	09/13/06- 09/14/06		

Lower your speed when encountering strong crosswinds. With a higher center of gravity, your NISSAN is more affected by strong side winds. Slower speeds ensure better vehicle control.

Do not drive beyond the performance capability of the tires, even with 4WD engaged.

Accelerating quickly, sharp steering maneuvers or sudden braking may cause loss of control.

If at all possible, avoid sharp turning maneuvers, particularly at high speeds. Your NISSAN four-wheel drive vehicle has a higher center of gravity than a two-wheeled drive vehicle. The vehicle is not designed for cornering at the same speeds as conventional two-wheeled drive vehicles. Failure to operate this vehicle correctly could result in loss of control and/or a rollover accident.

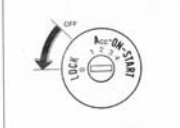
Always use tires of the same type, size, brand, construction (bias, bias-belted, or radial), and tread pattern on all four wheels. Install tire chains on the rear wheels when driving on slippery roads and drive carefully.

Be sure to check the brakes immediately after driving in mud or water. See "brake system" later in this section for "Wet brakes".

Avoid parking your vehicle on steep hills. If you get out of the vehicle and it rolls forward, backward or sideways, you could be injured.

Whenever you drive off-road through sand, mud or water as deep as the wheel hub, more frequent maintenance may be required. See "Periodic maintenance" in the "NISSAN Service and Maintenance Guide."

IGNITION SWITCH



AUTOMATIC TRANSMISSION

The ignition lock is designed so the key cannot be turned to the LOCK position and removed until the shift selector lever is moved to the P (Park) position.

When removing the key from the ignition, make sure the shift selector lever is in the P (Park) position.

If the selector lever is not returned to P (Park) position, the key cannot be moved to the LOCK position.

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Starting and driving 5-7

To remove the key from the ignition switch:

- Shift the selector lever to the P (Park) position with the key in the ON position.
- Turn the key to the LOCK position.
- Remove the key from the ignition.

If the selector lever is shifted to the P (Park) position after the key is turned to the OFF position or when the key cannot be turned to the LOCK position, proceed as follows to remove the key.

- Move the shift selector lever into the P (Park) position.
- Turn the ignition key slightly toward the ON position.
- Turn the key to the LOCK position.
- Remove the key.

The shift selector lever is designed so it cannot be moved out of P (Park) and into any of the other gear positions if the ignition key is turned to OFF position or if the key is removed from the switch.

The shift selector lever can be moved if the ignition switch is in the ON position and the foot brake pedal is depressed.

There is an OFF position between the LOCK and ACC positions. The OFF position is indicated by a "1" on the key cylinder. When the ignition is in the OFF position, the steering wheel is not locked.

In order for the steering wheel to be locked, it must be turned about 1/8 of a turn clockwise from the straight up position.

To lock the steering wheel, turn the key to the LOCK position. Remove the key. To unlock the steering wheel, insert the key and turn it gently while rotating the steering wheel slightly right and left.

If the key will not turn from the LOCK position, turn the steering wheel to the left or right while turning the key to unlock the key cylinder.

WARNING

Never remove or turn the key to the LOCK position while driving. The steering wheel will lock. This may cause the driver to lose control of the vehicle and could result in serious vehicle damage or personal injury.

KEY POSITIONS

LOCK: Normal parking position (0)

OFF: (Not used) (1)

ACC: (Accessories) (2)

This position activates electrical accessories such as the radio when the engine is not running.

ON: Normal operating position (3)

This position turns on the ignition system and electrical accessories.

START: (4)

This position starts the engine. As soon as the engine has started, release the key. It automatically returns to the ON position.

NISSAN VEHICLE IMMOBILIZER SYSTEM

The NISSAN Vehicle Immobilizer System will allow the engine to start without the use of its registered key.

5-8 Starting and driving

Starting and driving 5-9

BEFORE STARTING THE ENGINE

STARTING THE ENGINE

If the engine fails to start using a registered key (for example, when interference is caused by another registered key, an automated toll road device or automatic payment device on the key ring), restart the engine using the following procedure:

- Leave the ignition switch in the ON position for approximately 5 seconds.
- Turn the ignition switch to the OFF or LOCK position, and wait approximately 10 seconds.
- Repeat steps 1 and 2.
- Restart the engine while holding the device (which may have caused the interference) separate from the registered key.

If the no start condition re-occurs, NISSAN recommends placing the registered key on a separate key ring to avoid interference from other devices.

- Make sure the area around the vehicle is clear.
- Check fluid levels such as engine oil, coolant, brake fluid, and window washer fluid as frequently as possible, or at least whenever you refuel.
- Check that all windows and lights are clean.
- Visually inspect tires for their appearance and condition. Also check tires for proper inflation.
- Lock all doors.
- Position seat and adjust head restraints.
- Adjust inside and outside mirrors.
- Fasten seat belts and ask all passengers to do likewise.
- Check the operation of warning lights when the key is turned to the ON (3) position. See "Warning/indicator lights and audible reminders" in the "Instruments and controls" section of this manual.

- Apply the parking brake.
 - Move the shift selector lever to P (Park) or N (Neutral). P (Park) is recommended.
- The shift selector lever cannot be moved out of P (Park) and into any of the other gear positions if the ignition key is turned to the OFF position or if the key is removed from the ignition switch.**
- The starter is designed not to operate if the shift selector lever is in any of the driving positions.**
- Crank the engine with your foot on the accelerator pedal by turning the ignition key to START. Release the key when the engine starts. If the engine starts, but fails to run, repeat the above procedure.
- If the engine is very hard to start in extremely cold weather or when restarting, depress the accelerator pedal a little (approximately 1/3 to the floor) and hold it and then crank the engine. Release the key and the accelerator pedal when the engine starts.