

HSNO. 637213

REPORT NO. 118-KAR-04-003

**SAFETY COMPLIANCE TESTING  
FOR FMVSS 118**

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

NISSAN  
2004 MAXIMA  
4 DOOR SEDAN

NHTSA NO. C45204

PREPARED BY:  
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ADELANTO, CALIFORNIA 92301



June 17, 2004

FINAL REPORT

PREPARED FOR:  
U.S. DEPARTMENT OF TRANSPORTATION  
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION  
ENFORCEMENT  
OFFICE OF VEHICLE SAFETY COMPLIANCE  
ROOM 8111 (NVS-220)  
400 SEVENTH STREET, SW  
WASHINGTON, D.C. 20590

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<b>16. Abstract</b>  Compliance tests were conducted on the subject 2004 Nissan Maxima 4-Door In accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP118-03 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 2004 Nissan Maxima, manufactured by Nissan Motor Company 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-118-03, dated April 8, 1994, 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 2004 Nissan Maxima was subjected to FMVSS 118 compliance testing. The tests were conducted at KARCO Engineering in Adelanto, California on March 31, 2004. 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	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

**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)	
<b>MASTER SWITCH PANEL</b>			
Left Front (LF)	PASS	PASS	PASS
Right Front (RF)	PASS	PASS	PASS
Left Rear (LR)	PASS	PASS	N/A
Right Rear (RR)	PASS	PASS	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
<b>INDIVIDUAL SWITCHES</b>			
Left Front (LF)	N/A	N/A	PASS
Right Front (RF)	PASS	PASS	PASS
Left Rear (LR)	PASS	PASS	N/A
Right Rear(RR)	PASS	PASS	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.

**DATA SUMMARY (CONTINUED)****REMOTE ACTUATION DEVICE**

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

**WPRP OBSTRUCTION FORCE REVERSAL**

WINDOW, PARTITION, ROOF PANEL	FORCE TO REVERSE (NEWTONS)	DISTANCE WINDOW, PARTITION, OR ROOF PANEL OPENED ON REVERSAL (mm)
LEFT FRONT (LF)	SEE REMARKS	SEE REMARKS
RIGHT FRONT (RF)	SEE REMARKS	SEE REMARKS
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 (key fob) that allows only the front windows to be opened. The windows cannot be closed remotely. The vehicle is equipped with front windows that do have an auto reverse capability. Since the windows system meets the requirements of FMVSS 118 S.4. it is not required to, nor does it, meet the requirements of paragraph S.5

The subject 2004 Nissan Maxima appeared to meet the requirements of FMVSS 118.



3. **TEST DATA**

**DATA SHEET NO. 1  
VEHICLE IDENTIFICATION**

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

**Identify Vehicle equipped WPRP and WPRP controls**

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

**Master Control Panel Location:** Drive Side Door Panel

**Remote Control:** Remote Control Capability Opens Front Windows Only.

**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 Locking System Located on Driver's Side 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. Front windows are equipped with an auto reverse feature. On this vehicle the reversal feature is not required because the windows appear to meet the operational requirements of FMVSS 118 paragraph S.4. Refer to Section 5 page 31 of this report for a full explanation.

RECORDED BY: MATTHEW A. IVORY DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP DATE: 03/31/04

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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

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.	
<b>MASTER</b>							
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
<b>INDIVIDUAL</b>							
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

**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.

RECORDED BY: MATTHEW A. IVORY DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP DATE: 03/31/04

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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

WINDOW SWITCHES	DOORS CLOSED		LEFT DOOR OPEN		RIGHT DOOR OPEN		PASS/ FAIL
	INOP.	OPER.	INOP.	OPER.	INOP.	OPER.	
<b>MASTER</b>							
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
<b>INDIVIDUAL</b>							
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

**REMARKS:** The master left front switch is the same as the individual left front switch.

RECORDED BY: MATTHEW A. IVORY

DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP

DATE: 03/31/04

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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

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

**NOTE:** Continuous activation is required for WPRP activation by exterior key locking systems.

**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	X	N/A	N/A	N/A
RIGHT REAR (RR)	N/A	X	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:** The driver's side door is the only door equipped with the exterior key locking switch. Only the front two windows can be opened and closed with the exterior key locking switch. Refer to section 5, page 24 of this report for additional information.

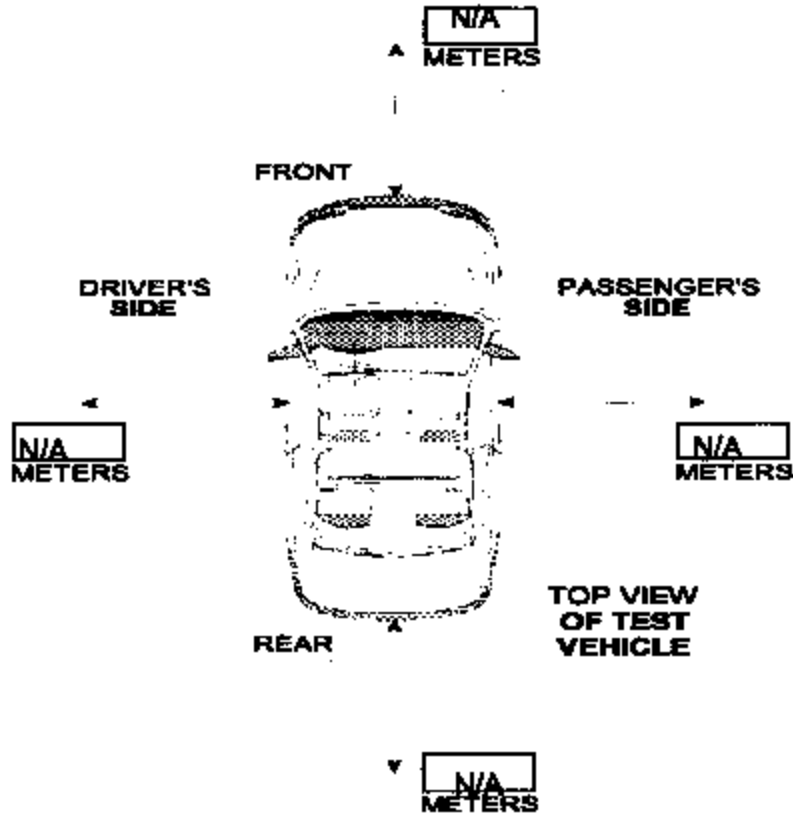
RECORDED BY: MATTHEW A. IVORY DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP DATE: 03/31/04

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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C43204	VIN	1N4BA41E44C888150
TEST DATE:	03/31/04		

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



**REMARKS:** The vehicle is equipped with a remote actuation device (key fob) that allows the front windows to be opened. The front windows cannot be closed remotely. The maximum operating range of the remote device was not determined. Refer to Section 5 page 26 of this report for full explanation.

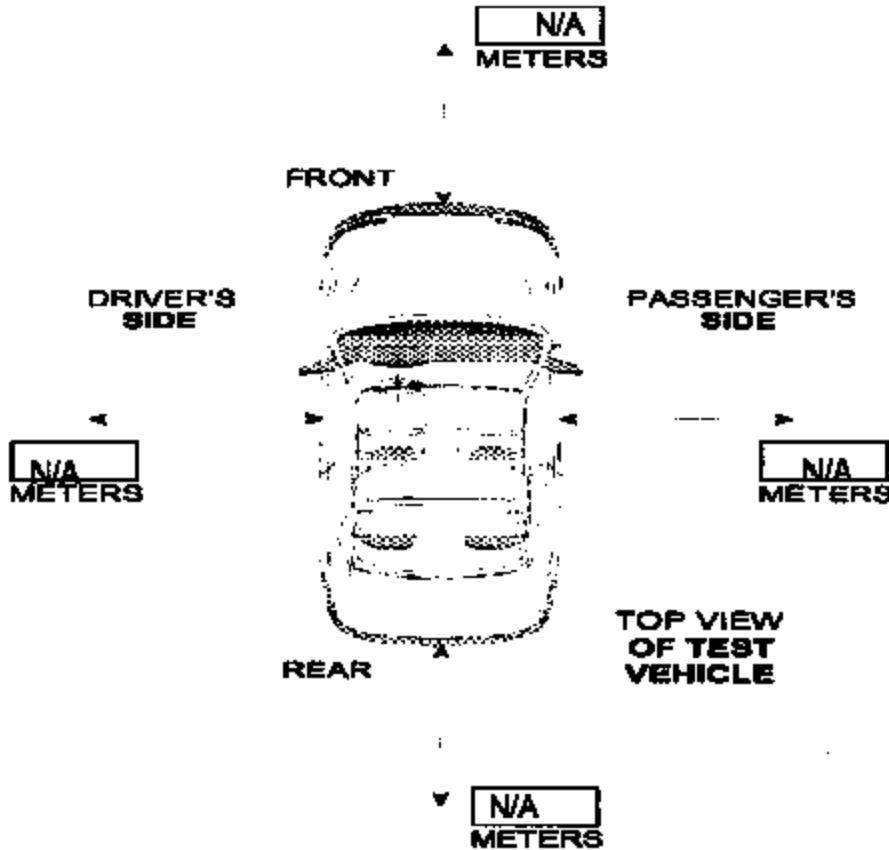
RECORDED BY: MATTHEW A. IVORY      DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP      DATE: 03/31/04

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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

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



**REMARKS:** The vehicle is equipped with a remote actuation device (key fob) that allows the front windows to be opened. The windows and roof panel cannot be closed remotely. The maximum operating range of the remote device was not determined. Refer to Section 5 page 26 of this report for full explanation

RECORDED BY: MATTHEW A. IVORY

DATE: 03/31/04

APPROVED BY: MICHAEL L. DUNLAP

DATE: 03/31/04

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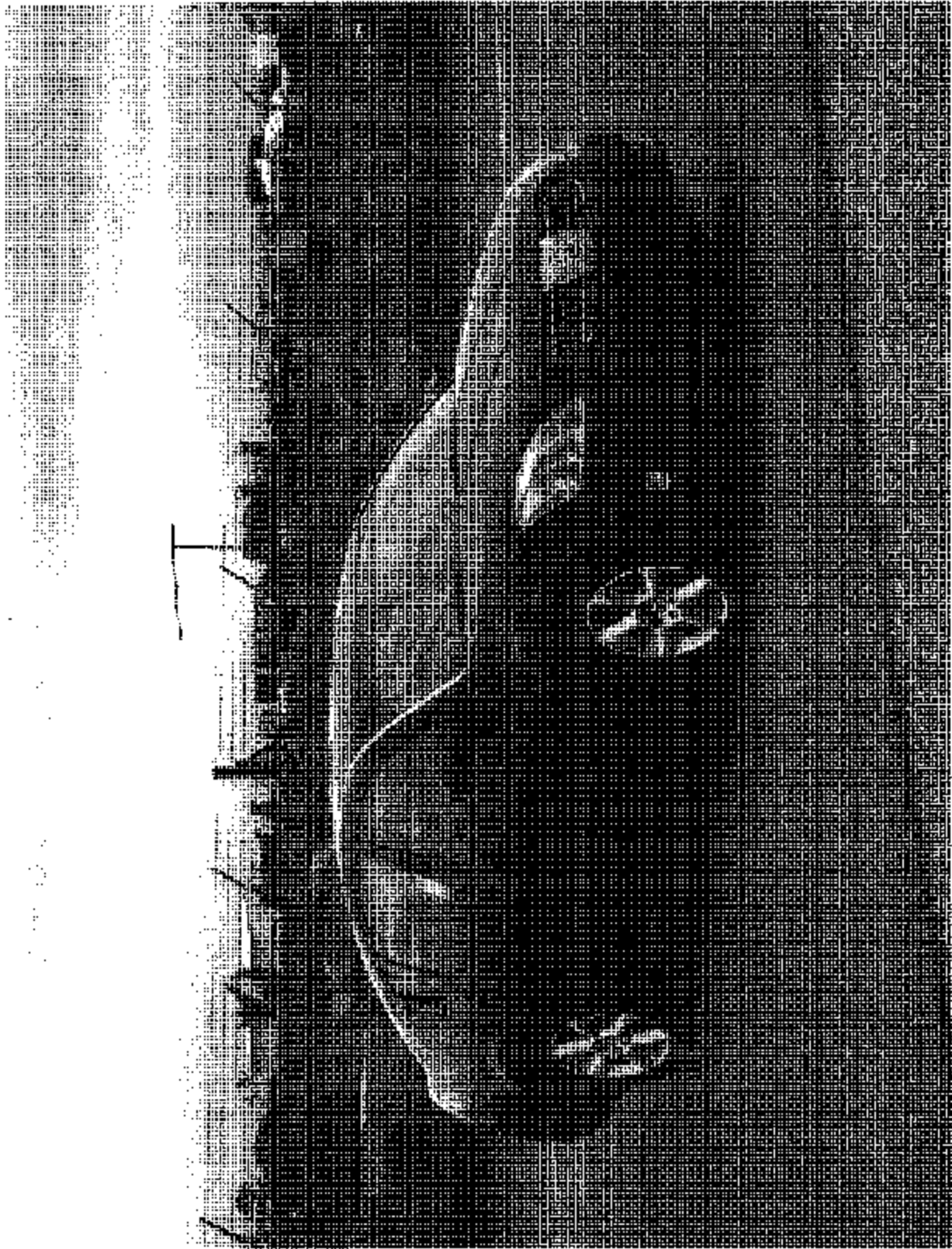


Figure 1: ¾ Frontal View From Right Side of Vehicle

2004 NISSAN MAXIMA  
NHTSA NO. D45204  
FMVSS NO. 118

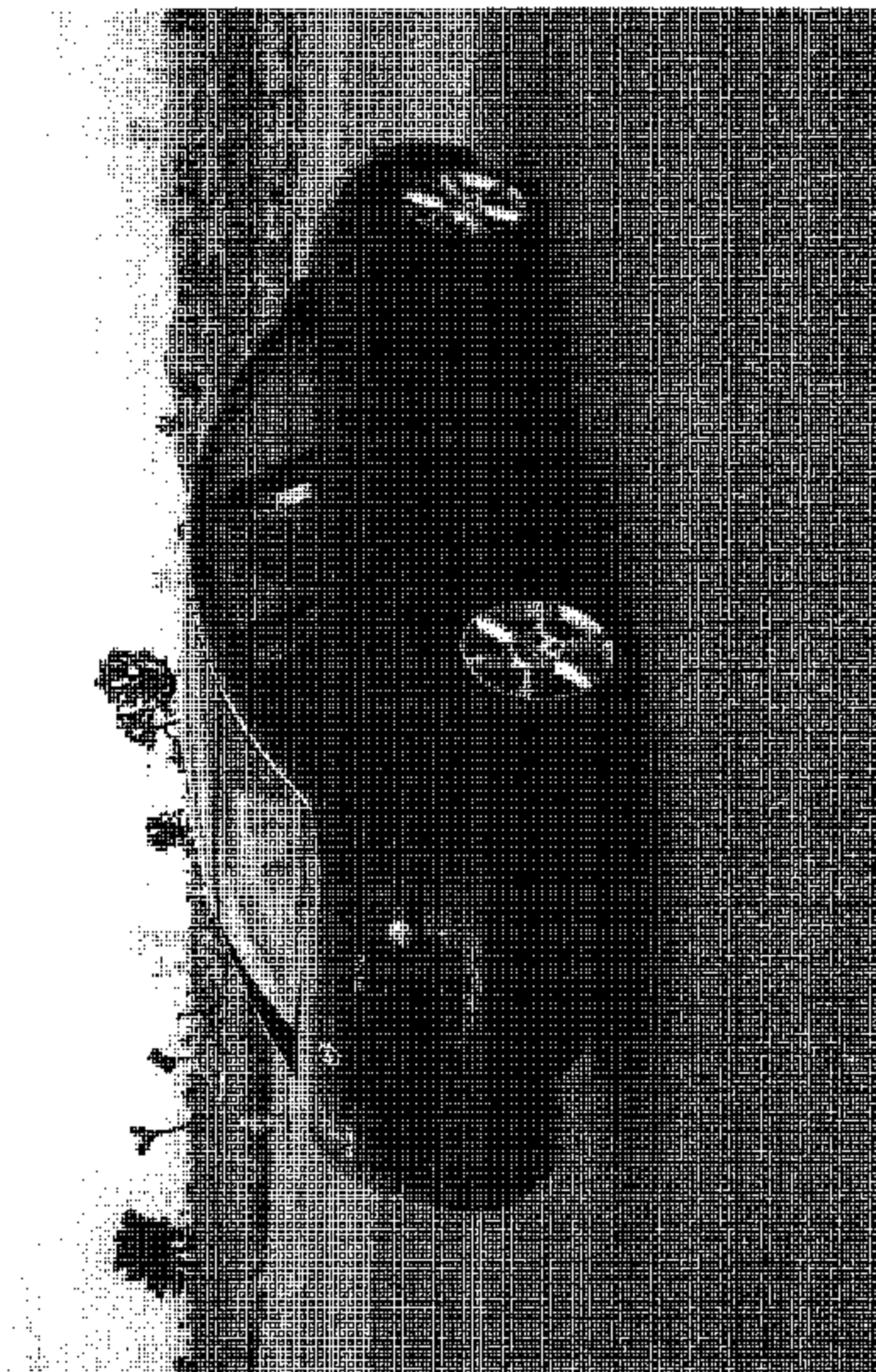


Figure 2: 3/4 Rear View From Right Side of Vehicle

2004 NISSAN MAXIMA  
NHTSA NO. C45204  
FMVSS NO. 115

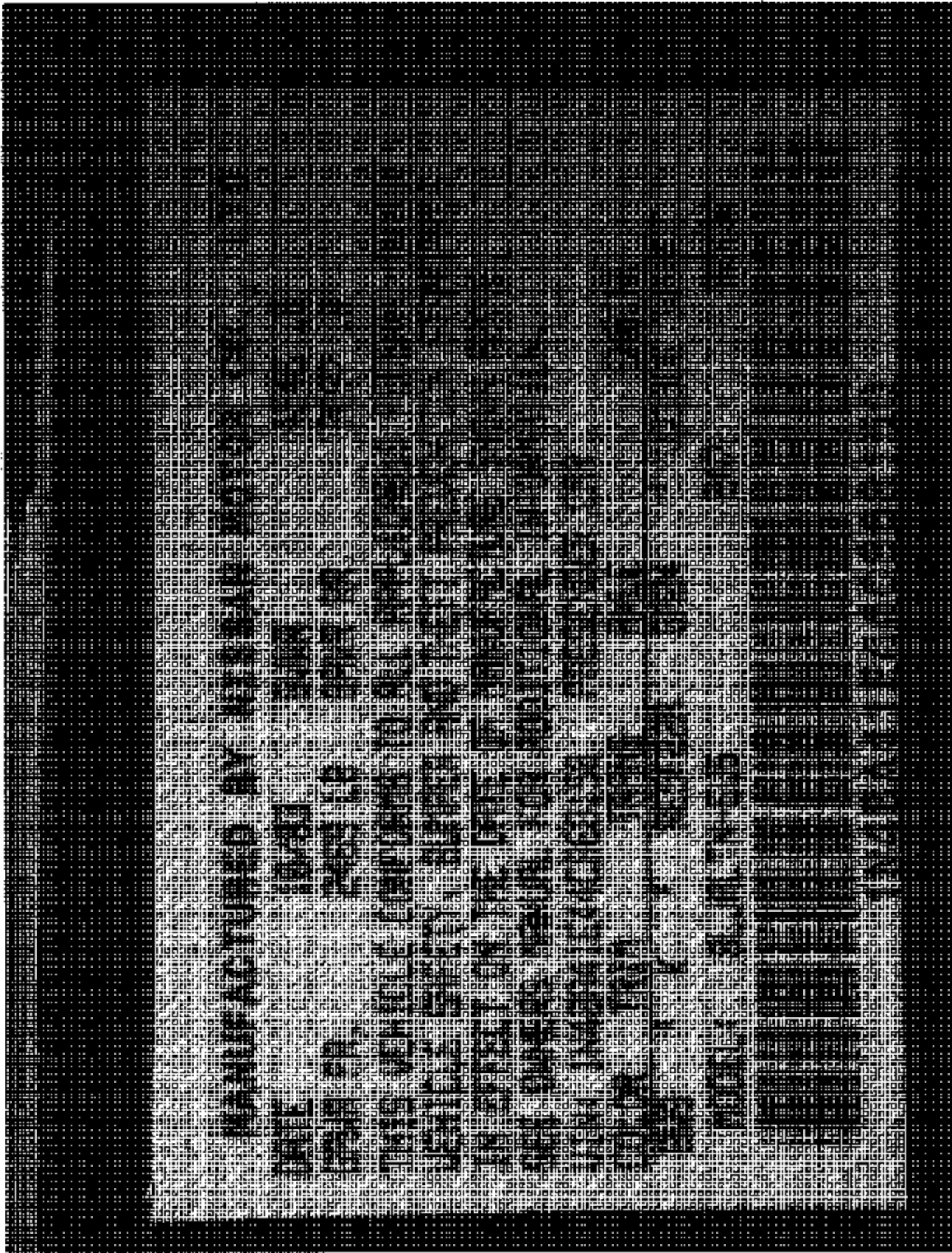


Figure 3: Vehicle Certification Label

2004 NISSAN MAXIMA  
NHTSA NO. C45204  
FMVSS NO. 118



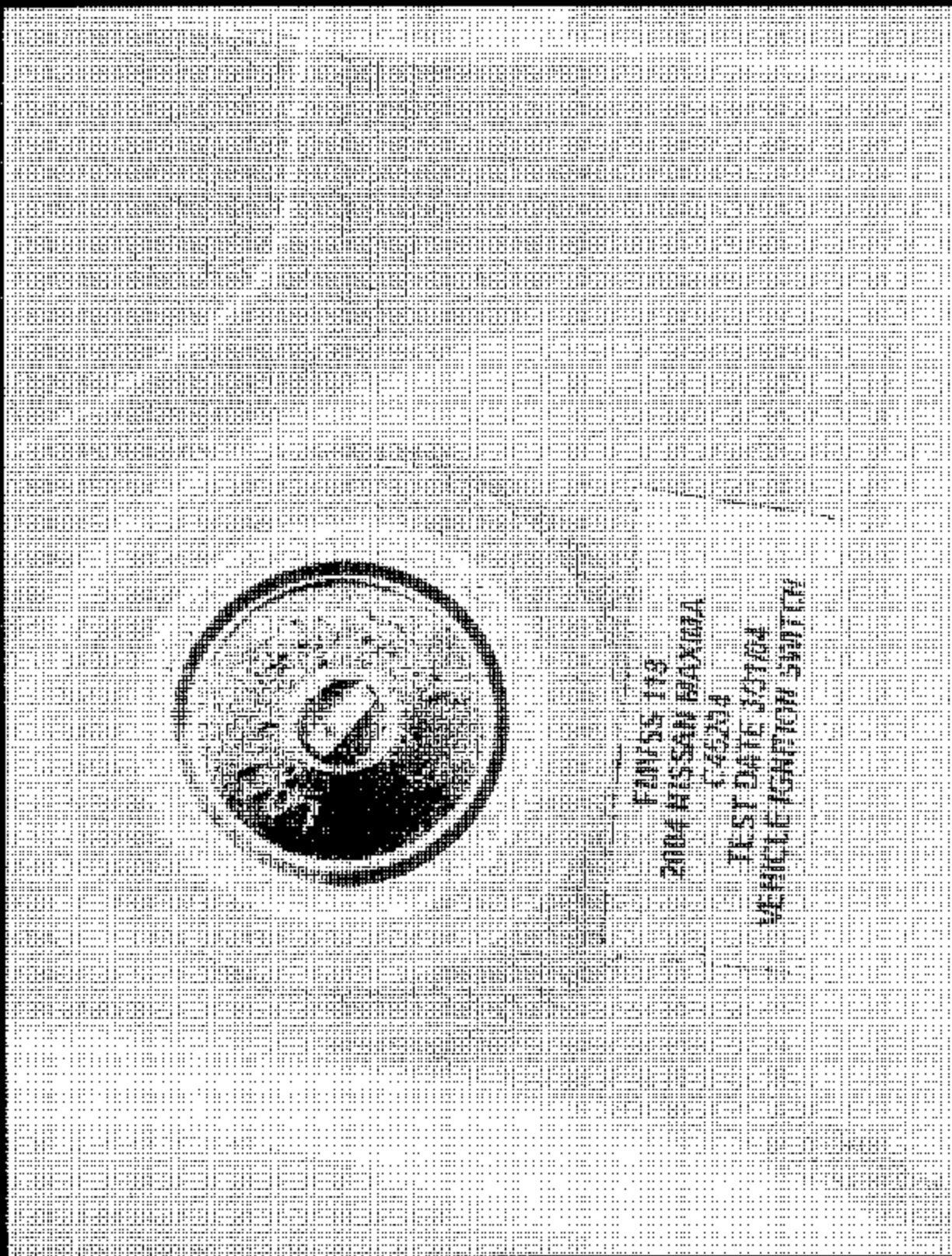


Figure 5. Ignition Switch

2004 NISSAN MAXIMA  
NHTSA NO. C45204  
FMVSS NO. 118

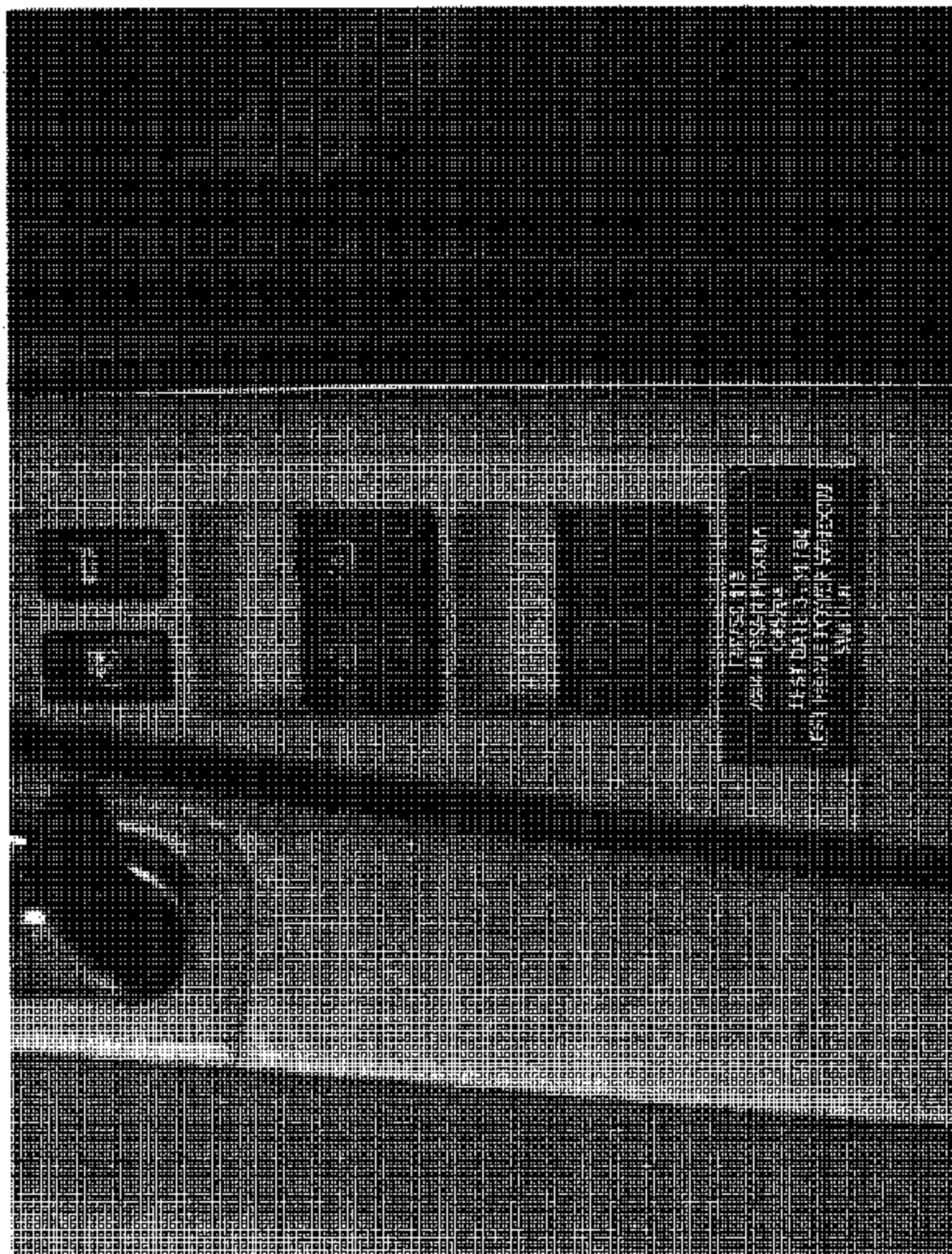


Figure 6: Left Front Master Power Window Switch

2001 NISSAN MAXIMA  
NHTSA NO. C45204  
FMVSS NO. 118

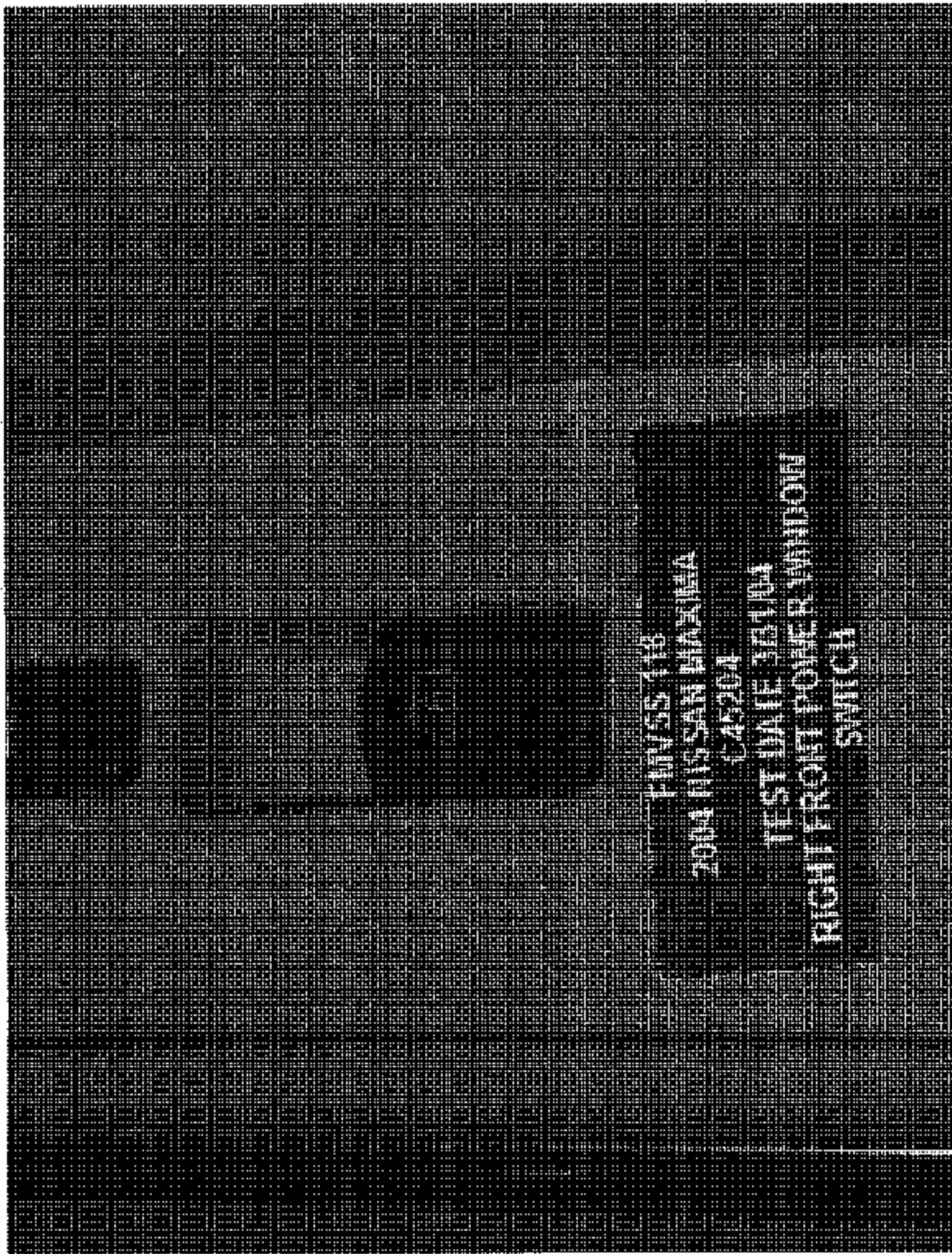


Figure 7: Right Front Power Window Switch

2004 NISSAN MAXIMA  
NIHTSA NO. C45204  
FMVSS NO. 118

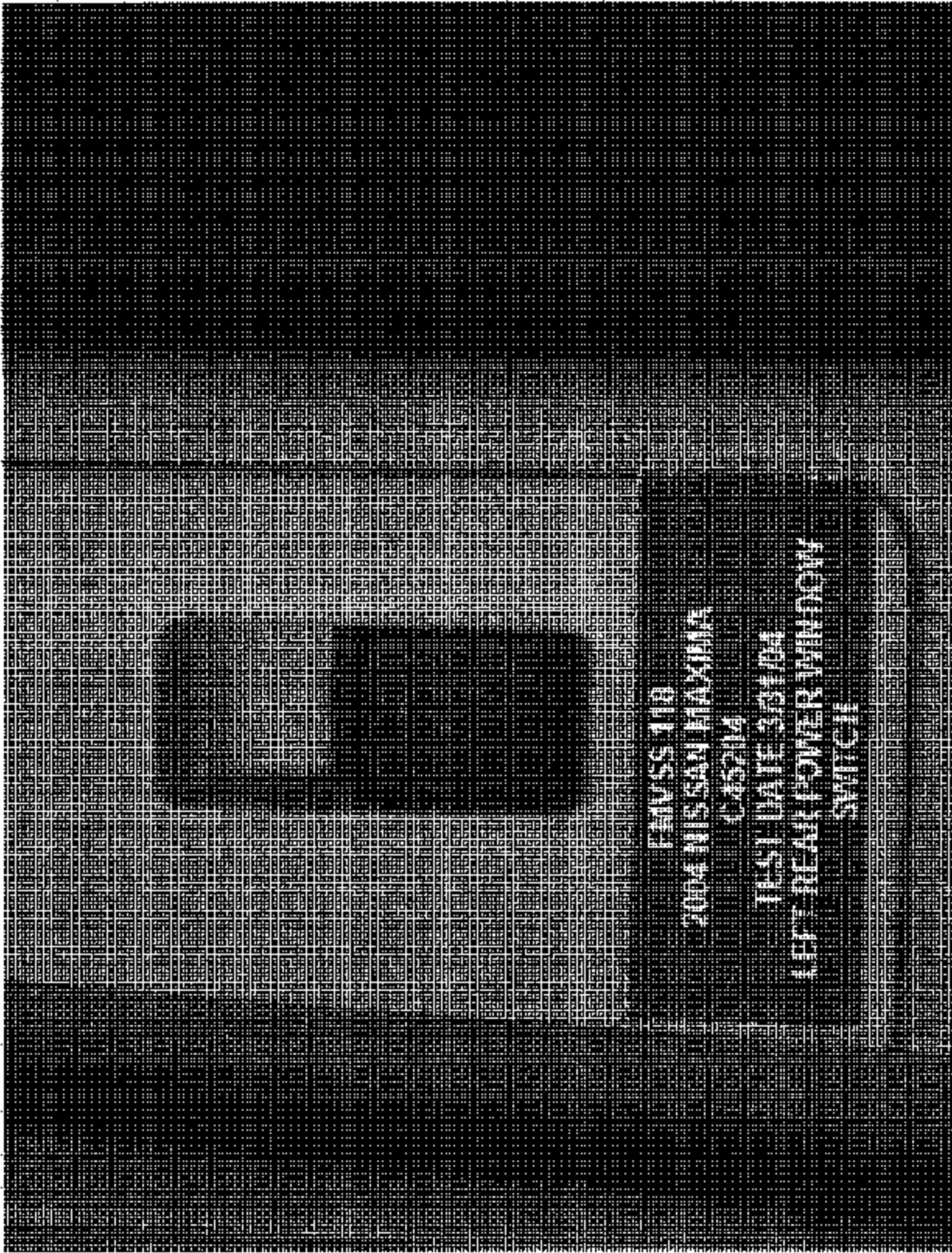


Figure B: Left Rear Power Window Switch

2004 NISSAN MAXIMA  
NHTSA NO. C15204  
FMVSS NO. 118





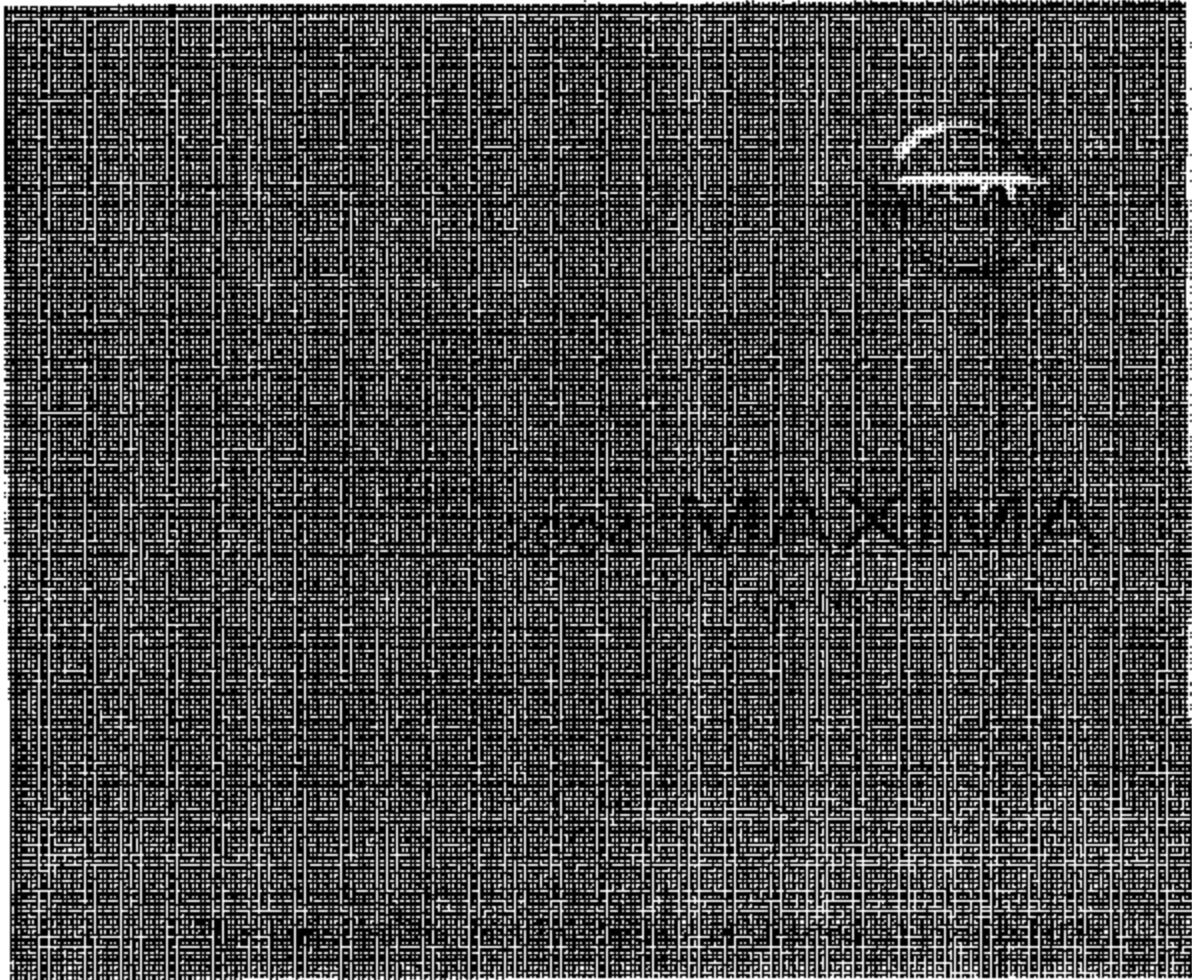
Figure 9: Right Rear Power Window Switch

2004 NISSAN MAXIMA  
NHTSA NO. C45204  
FMVSS NO. 118

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

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

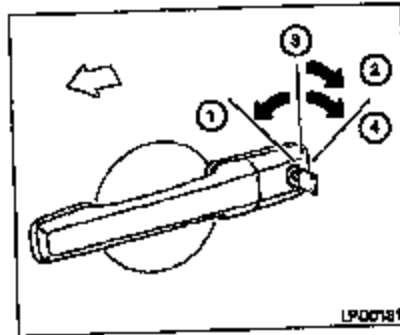
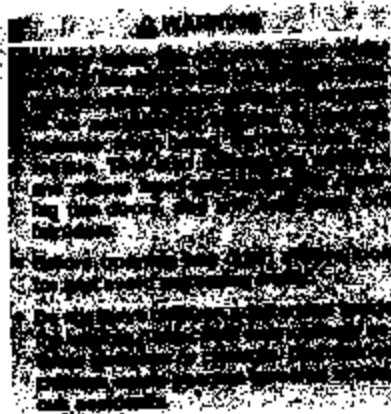
VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		



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

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C888150
TEST DATE:	03/31/04		

## DOORS



Driver's side

### LOCKING WITH KEY

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.

Turning the key one time toward the rear ③ of the vehicle unlocks that door. From that position, returning the key to neutral ② (where the key can only be removed and inserted) 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.

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


VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		





VP00132

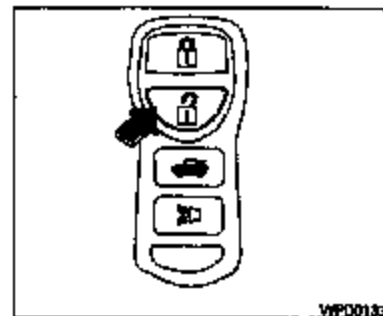
## HOW TO USE REMOTE KEYLESS ENTRY SYSTEM

### Locking doors

1. Close all windows.
2. Remove the key from the ignition switch.
3. Close the hood, trunk lid and all doors.
4. Push the  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.

- When the  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  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. Refer to "Personalized settings menu" (vehicles without navigation systems) or "Vehicle electronic systems" (vehicles with navigation systems) in the "Display screen, heater, air conditioner and audio systems" section later in this manual.



VP00133


### Unlocking doors

Push the  button on the keyfob once.

- Only the driver's door unlocks.
- The hazard indicator flashes once if all doors are completely closed with the ignition key in any position except the ON position.
- The interior lights turn on and the light timer activates for 30 seconds when the interior light switch is in the center DOOR position with the ignition key in any position except the ON position.

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


VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

Push the  button on the keyfob again within 5 seconds.

- All doors unlock.
- The hazard indicator flashes 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 relock

When the  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.

#### Opening windows

The keyfob allows you to open windows equipped with automatic operation simultaneously.

- To open the windows, press the  button on the keyfob for longer than 3 seconds after the door is unlocked.

The door windows will open while pressing the  button on the keyfob.

This opening windows function of the keyfob can be suspended using a CONSULT-II diagnostic tool. Please contact a NISSAN dealer.

The door windows cannot be closed by using the keyfob.


#### 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 positions" later in this section.



#### Releasing the trunk lid

Push the  button on the keyfob for longer than 0.5 second. The trunk release button on the keyfob will not operate when the ignition switch is in the ON position.

The trunk lid opens.

The trunk lid will open when using the keyfob even if the trunk lid release cancel switch is turned to OFF. See "Trunk lid" later in this section for cancel switch information.

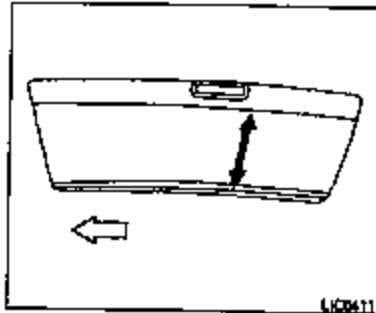
# COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

VEHICLE			
YEAR	2004	MAKE	Nissan
MODEL	Maxima	BODY STYLE	4 Door Sedan
NHTSA NO.	C45204	VIN	1N4BA41E44C868150
TEST DATE:	03/31/04		

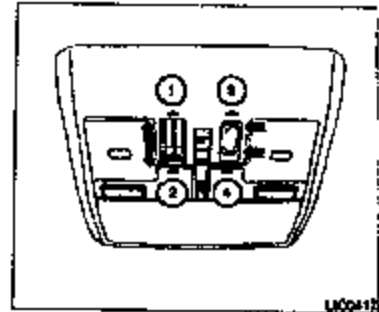
Depending on the environment or driving conditions, the auto-reverse function may be activated if an impact or load similar to something being caught in the window occurs.



If the control unit detects something caught in a window equipped with automatic operation as it is closing, the window will be immediately lowered.




Open or close the skyview roof shade by sliding it from side to side.



## 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 open the roof, slide the switch to the  position ①. When the roof is tilted up, it will automatically tilt down and then open.

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To close the roof, slide the switch to the  position ②.

The position of the sliding roof lid can be chosen by the position of the sliding switch.



To fully open or close the roof, completely move the switch to the open or closed position.

### Tilting the sunroof

To tilt the sunroof up, push the tilt switch to the  position ③. When the roof is open, it will automatically close and then tilt up. To tilt the sunroof down, push the tilt switch to the  position ④.

### 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.

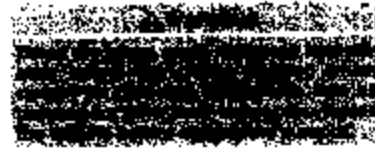
1. If the sunroof lid is open, push the tilting switch repeatedly toward  to fully close the lid.
2. Finally, push and hold the tilting switch for more than 2 seconds toward  to reestablish the lid's home position.

The sunroof should now operate normally.

### 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.



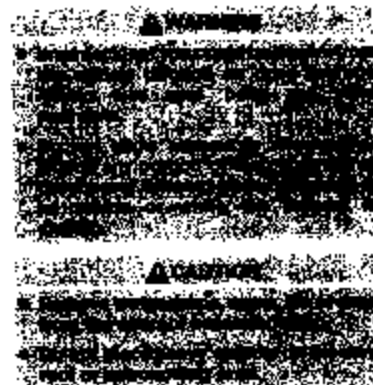
#### When closing:

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 tilt up.

If the auto reverse function malfunctions and repeats opening or tilting up the sunroof, keep pushing the tilt down switch within 5 seconds after it happens, then the sunroof will fully close gradually. In this case, make sure nothing is caught in the sunroof.

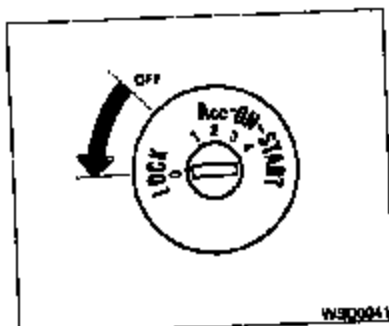




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## IGNITION SWITCH



### AUTOMATIC TRANSMISSION

On automatic transmission models, the ignition lock is designed so the key cannot be turned to 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 key cannot be turned to the LOCK position, proceed as follows to remove the key:

1. Move the shift selector lever into the P (Park) position.

### 5-4 Starting and driving

2. Turn the ignition key slightly toward the ON position.
3. Turn the key to the LOCK position.
4. Remove the key.

The shift selector lever is designed so it cannot move 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 ACC position. This allows the vehicle to be moved if the battery is discharged. The shift selector lever can also 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.



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## GLASS SUNROOF, ELECTRIC\*

### Pinch protection

If, while closing, the glass sunroof encounters resistance within roughly the last 8 in / 20 cm, the closing procedure is interrupted and the roof reopens.

**⚠** Despite the pinch protection, be extremely careful that the travel path of the sunroof is not obstructed whenever it is closed. Otherwise, it is not guaranteed that the closing procedure will be interrupted, for instance if the obstructions offer very little resistance.

You can disable the pinch protection by pressing the switch past the pressure point and holding it. ⚠

**⚠** When closing the sunroof from the raised position, ensure that the travel path of the sunroof is not obstructed since the pinch protection is not active in this position. ⚠



### Manual opening and closing

In the event of an electrical malfunction, you can also open and close the glass sunroof manually:

1. Push the clock towards the interior and remove
2. Use an Allen key to turn the glass sunroof in the direction required.

## ROLLER SUN BLIND\*



### 1 Opening

1. Press the button in the handle, arrow 1. The cap is unlocked
2. Guide the roller sun blind towards the back.

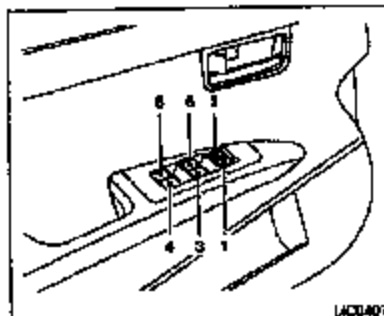
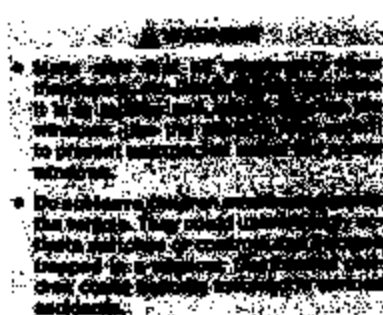
### 2 Closing

1. Use the handle to pull the roller sun blind forwards
2. Engage the handle in the device, arrow 2.

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## POWER WINDOWS



1. Door lock/unlock button
2. Window lock button
3. Front passenger side
4. Right rear passenger side
5. Left rear passenger side
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 all of the windows.

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

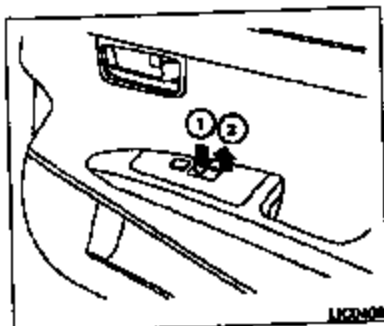
is opened during this period of about 45 seconds, power to the windows is canceled. To open a window, push the switch and hold it down. To close a window, pull the switch and hold it up. To stop the opening or closing function at any time, simply release the switch.

### NOTE:

The default for retained power is 45 seconds. The retained power can be disabled or adjusted to 2 minutes. See your NISSAN dealer to have the retained power adjusted.

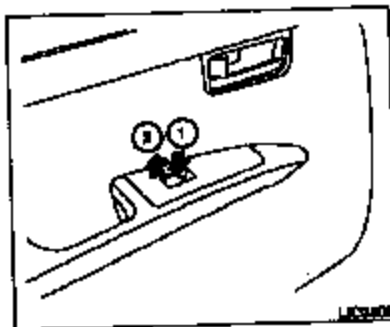
# COPY OF OWNER'S MANUAL INSTRUCTIONS FOR USE OF POWER WINDOWS

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**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.

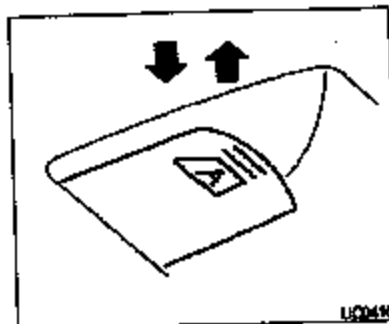


**Rear power window switch**

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.

#### Locking passengers' windows

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



**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.