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**FINAL REPORT NUMBER  
401-NVS-08-003**

**SAFETY COMPLIANCE TESTING FOR  
FMVSS 401  
Interior Trunk Release**

**2008 Nissan Versa SL  
NHTSA No.C85206**

**Prepared by:  
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**2/6/2008**

**FINAL REPORT**

**PREPARED FOR:**

**U.S. DEPARTMENT OF TRANSPORTATION  
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION  
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16. Abstract A compliance test was conducted on the subject 2008 Nissan Versa SL in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-401-01 for the determination of FMVSS 401 compliance. The test was conducted at by NHTSA Office of Vehicle Safety Compliance test engineers on 1/21/2008 Test Location:  Test failures identified were as follows:    NONE			
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## **1.0 PURPOSE OF COMPLIANCE TEST**

The purpose of this compliance test was to determine whether the subject vehicle meets the performance requirements of FMVSS 401, Interior Trunk Release.

The test was conducted in accordance with the U. S. Department of Transportation, National Highway Traffic Safety Administration's Laboratory Test Procedure TP-401-01.

The test was conducted at by NHTSA Office of Vehicle Safety Compliance test engineers on 1/21/2008

Test Location:

## **2.0 TEST PROCEDURE AND DISCUSSION OF RESULTS**

Based on the test performed, the subject vehicle appeared to meet the requirements of FMVSS 401.

The vehicle was tested by entering the trunk and closing the lid. The release slide lever was easily observed in the darkened, enclosed trunk. A force gauge was attached to the release handle and 3 separate attempts were made to exit the trunk by applying a load to the instrument. For each attempt, the trunk released from the single latching position at a force level of approximately newtons ( lbs.) or less.

3.0 COMPLIANCE TEST DATA

DATA SHEET 1  
FMVSS 401 - VEHICLE DESCRIPTION

VEHICLE MY/MAKE/MODEL/BODY STYLE: 2008 Nissan Versa SL  
VEH. NHTSA NO.: C85206 ; VIN: 3N2BC11E58L407684

DATE OF TEST: 1/21/2008 TEST LAB: BY OVSC @ DEALER

GVWR: 3770 LBS (KG) MANUFACTURED DATE: 11/07

TRUNK LOCATION: ☒ REAR ☐ FRONT  
If Front, Front Opening?

NUMBER OF TRUNK LID LATCHING POSITIONS: 1

INTERIOR TRUNK RELEASE: ☒ MANUAL ☐ AUTOMATIC ☐ BOTH

POWER OPERATED CLOSURE: N/A

OWNER'S MANUAL DESCRIPTION OF TRUNK RELEASE: ☐ YES ☐ NO

REMOVABLE EQUIPMENT DELIVERED IN TRUNK:

SPARE TIRE: ☐ (SIZE) \_\_\_\_\_

TIRE JACK: ☐

LUG WRENCH: ☐

TOOL BOX: ☐ (SIZE) \_\_\_\_\_

PARTITIONS: \_\_\_\_\_

OTHER: \_\_\_\_\_

REMARKS:

RECORDED BY: Andre Jones

DATE: 1/21/2008

APPROVED BY: Harry Thompson

### 3.0 DATA SHEETS....Continued

#### DATA SHEET 2 (1 of 2)

FMVSS 401 - All trunks except for front trunk compartments with front opening hoods  
MANUAL TRUNK RELEASE OPERATION

VEHICLE MY/MAKE/MODEL/BODY STYLE: 2008 Nissan Versa SL

VEH. NHTSA NO.: C85206 ; VIN: 3N2BC11E58L407684

DATE OF TEST: 1/21/2008

Method used to actuate interior trunk release: Grab Handle

Other:

Can test personnel enter trunk and be closed within: ☐ Yes ☐ No

If Yes, size of occupant: At least 50<sup>th</sup> percentile male

Is there access to the trunk compartment by folding down rear seat or partition: ☐ Yes

☒ No

Does Release Mechanism require electric power: ☐ Yes ☒ No

Can release mechanism be easily seen inside the closed trunk: ☒ Yes ☐ No

Describe method used by vehicle manufacturer to ensure that release mechanism is visible in a closed trunk compartment: Phosphorescence (Phosphorescence, auxiliary lighting, etc)

Describe laboratory test method used to determine visibility of release mechanism:

Trunk Entry (Trunk entry, darkened room, etc.)

Vehicle Stationary (0 km/h)	Force Required to Release Trunk Lid (Newtons) [no requirement]	Trunk Released from <u>All</u> latching positions	Pass/Fail
NO KEY IN IGNITION			
Attempt 1	10 Newtons	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Attempt 2	12 Newtons	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Attempt 3	11 Newtons	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Average -	11 Newtons		



### 3.0 DATA SHEETS....Continued

#### DATA SHEET 2 (2 of 2)

#### FMVSS 401 - MANUAL TRUNK RELEASE OPERATION (continued)

**NOTE: Interior Trunk Release is a totally mechanical system with its operation and functioning not dependant upon engine operation or vehicle speed. The release mechanism will function identical to that of the stationary vehicle with the no key in the ignition (as previously tested) and thus the following tests were not required to be conducted.**

Vehicle Stationary (0 km/h)	Force Required to Release Trunk Lid (Newtons) [no requirement]	Trunk Released from <u>All</u> latching positions	Pass/Fail
<b>ENGINE IDLING</b> <input checked="" type="checkbox"/> Not Applicable			
Attempt 1		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail
Attempt 2		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail
Attempt 3		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail
Average -			

Vehicle Speed (km/h)	Force Required to Release Trunk Lid (Newtons) [no requirement]	Trunk Released from <u>All</u> latching positions	Pass/Fail
10		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail
20		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail
30		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Pass <input type="radio"/> Fail

**Describe method used to propel vehicle:**

☐ Pass    ☐ Fail

**REMARKS:**

**RECORDED BY:** Andre Jones

**DATE:** 1/21/2008

**APPROVED BY:** Harry Thompson

### 3.0 DATA SHEETS....Continued

#### DATA SHEET 3 FMVSS 401 -TEST SUMMARY

	PASS	FAIL	COMMENTS
Automatic or Manual release mechanism inside the trunk compartment. S4.1	<input checked="" type="radio"/>	<input type="radio"/>	
If manual release, lighting feature is included. S4.2(a)	<input checked="" type="radio"/>	<input type="radio"/>	
If automatic release, unlatches trunk lid within 5 minutes. S4.2(b)	<input type="radio"/>	<input type="radio"/>	N/A
Except as provided by S4.3(b), actuation of release mechanism required by S4.1 completely releases trunk lid from all latching positions of the trunk lid latch. S 4.3(a)	<input checked="" type="radio"/>	<input type="radio"/>	
For front trunk compartments, front opening hoods, when vehicle is stationary latch releases trunk lid from all locking positions. When moving forward at a speed less than 5km/h, must release the primary latch and may release all latches. At speeds greater than 5km/h must release the primary latch only. S4.3(b)	<input type="radio"/>	<input type="radio"/>	N/A

☒ Pass      ☐ Fail

RECORDED BY: Andre Jones  
1/21/2008

DATE:

APPROVED BY: Harry Thompson

**4.0 - Test Equipment List and Calibration Information**

EQUIPMENT	DESCRIPTION	MODEL/SERIAL NO.	CALIBRATION DATE	NEXT CAL. DATE
Force Transducer	Viking Jr. Hanson Instrument	Model 890	Manufacturer	Manufacturer

## 5.0 - Photographs



Vehicle Front





Vehicle Rear





Trunk Open



MANUFACTURED BY NISSAN MOTOR CO., LTD.  
DATE: 12/05. GVWR: 3549 LBS  
GAWR FR: 1922 LBS GAWR RR: 1688 LBS

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR,  
VEHICLE SAFETY, BUMPER AND THEFT PREVENTION STANDARDS  
IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION.

VIN: 3N1CB51D66L519333 PASSENGER CAR  
COLOR TRIM TRANS AXLE ENGINE

B23 X RE4F03B F03B QG18DE 1769 CC  
MODEL: DATA CA-EUA 4Z000

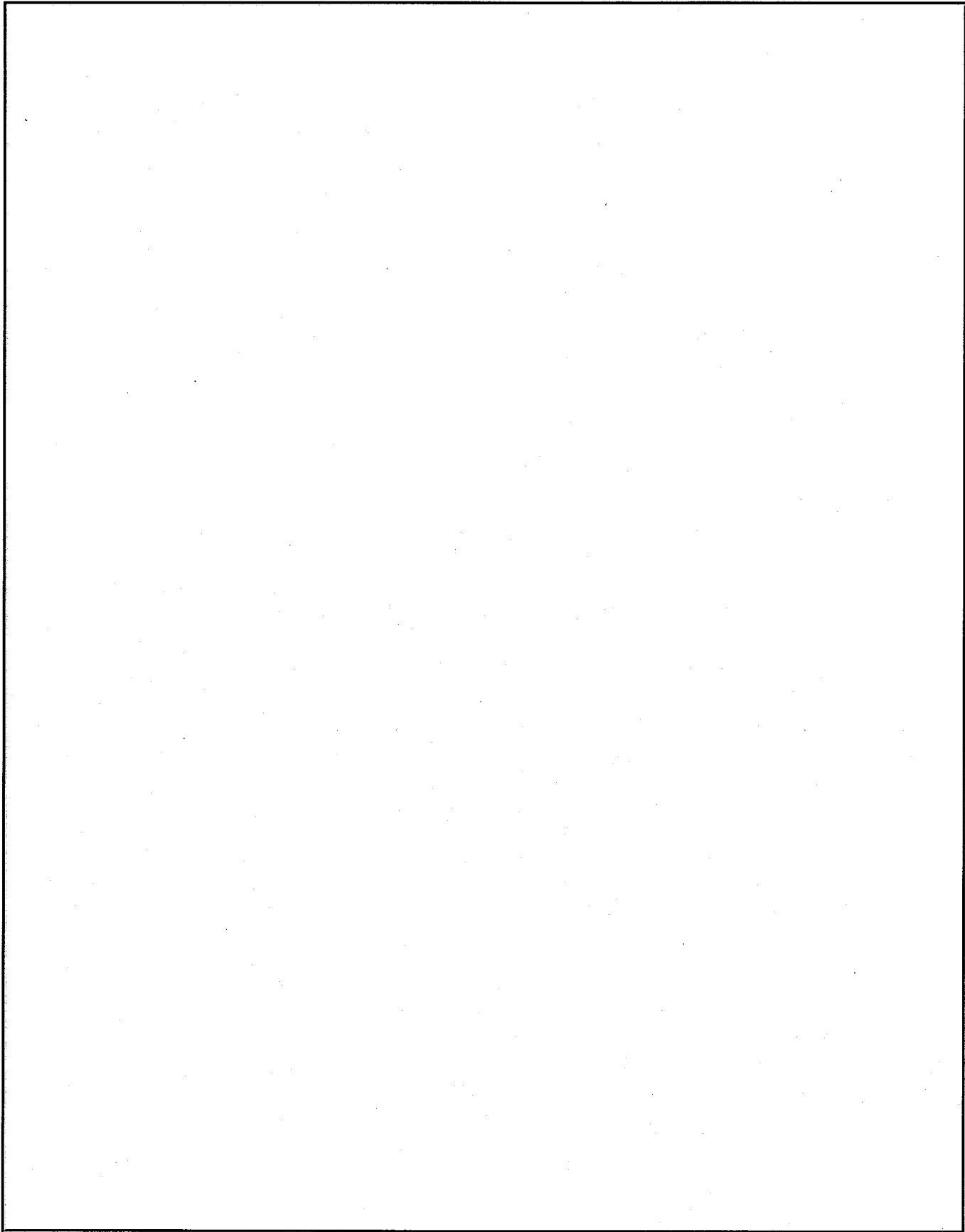


3N1CB51D66L519333

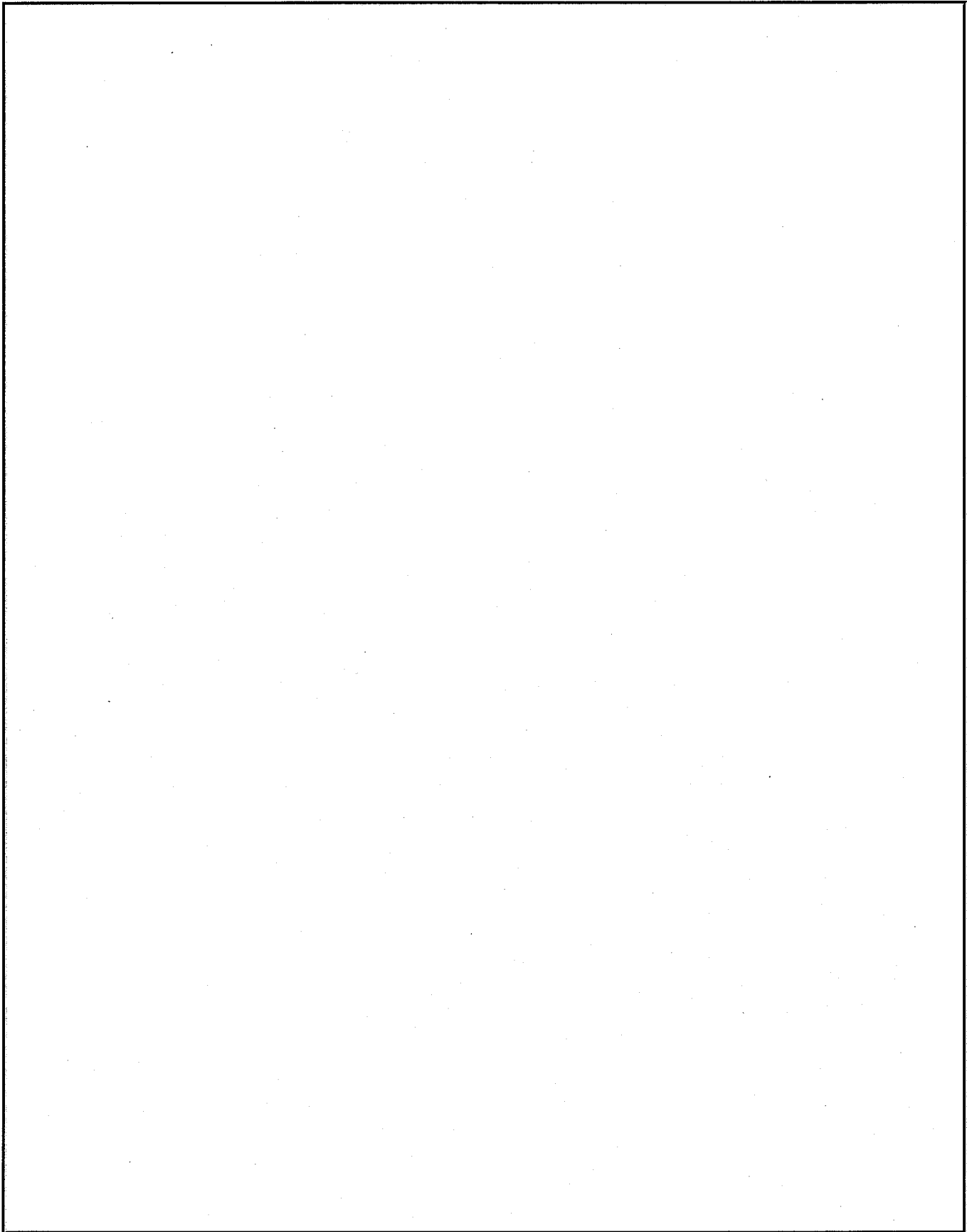
imagereducer.com

Certification Label





**Trunk Release Handle/Lever**



**Force Transducer Attached to Release Handle**

**6.0 Vehicle Owner's Manual (applicable pages)**

