

FINAL REPORT NUMBER
401-NVS-05-002

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

**2005 Jaguar S-Type
NHTSA No.C50513**

**Prepared by:
NHTSA
OFFICE OF VEHICLE SAFETY COMPLIANCE**

400 7th Street, SW
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1/27/2005

FINAL REPORT

PREPARED FOR:

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Accepted By: _____

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16. Abstract A compliance test was conducted on the subject 2005 Jaguar S-Type, NHTSA No. C50513 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 by NHTSA Office of Vehicle Safety Compliance test engineers on 1/27/200.			
Test Location: Jaguar Dealer in Rockville, MD Test failures 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, a 2005 Jaguar S-Type, 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 by NHTSA Office of Vehicle Safety Compliance test engineers on 1/27/2005

Test Location:

Jaguar Dealer In Rockville, MD

2.0 TEST PROCEDURE AND DISCUSSION OF RESULTS

Based on the test performed, the Vehicle: 2005 Jaguar S-Type, NHTSA No. C50513 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 29.4 newtons (6.6 lbs.) or less.

3.0 COMPLIANCE TEST DATA

DATA SHEET 1
FMVSS 401 - VEHICLE DESCRIPTION

VEHICLE MY/MAKE/MODEL/BODY STYLE: 2005 Jaguar S-Type

VEH. NHTSA NO.: C50513 ; VIN: SAJWA01T05FN19734

DATE OF TEST: 1/27/2005

TEST LAB: BY OVSC @ DEALER

GVWR: 2145 KG

MANUFACTURED DATE: 03/04

TRUNK LOCATION: ☒ REAR ☐ FRONT

If Front, Front Opening?

NUMBER OF TRUNK LID LATCHING POSITIONS: 1

INTERIOR TRUNK RELEASE: ☐ MANUAL ☒ AUTOMATIC ☐ BOTH

POWER OPERATED CLOSURE: No

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

REMOVABLE EQUIPMENT DELIVERED IN TRUNK:

SPARE TIRE: ☒ (SIZE) T145/80R16

TIRE JACK: ☐

LUG WRENCH: ☒

TOOL BOX: ☐ (SIZE) _____

PARTITIONS: _____

OTHER: _____

REMARKS:

RECORDED BY: Eduardo Maximo Aviles

DATE: 1/27/2005

APPROVED BY: Eduardo Maximo Aviles

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: 2005 Jaguar S-Type

VEH. NHTSA NO.: C50513 ; VIN: SAJWA01T05FN19734

DATE OF TEST: 1/27/2005

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 50th 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

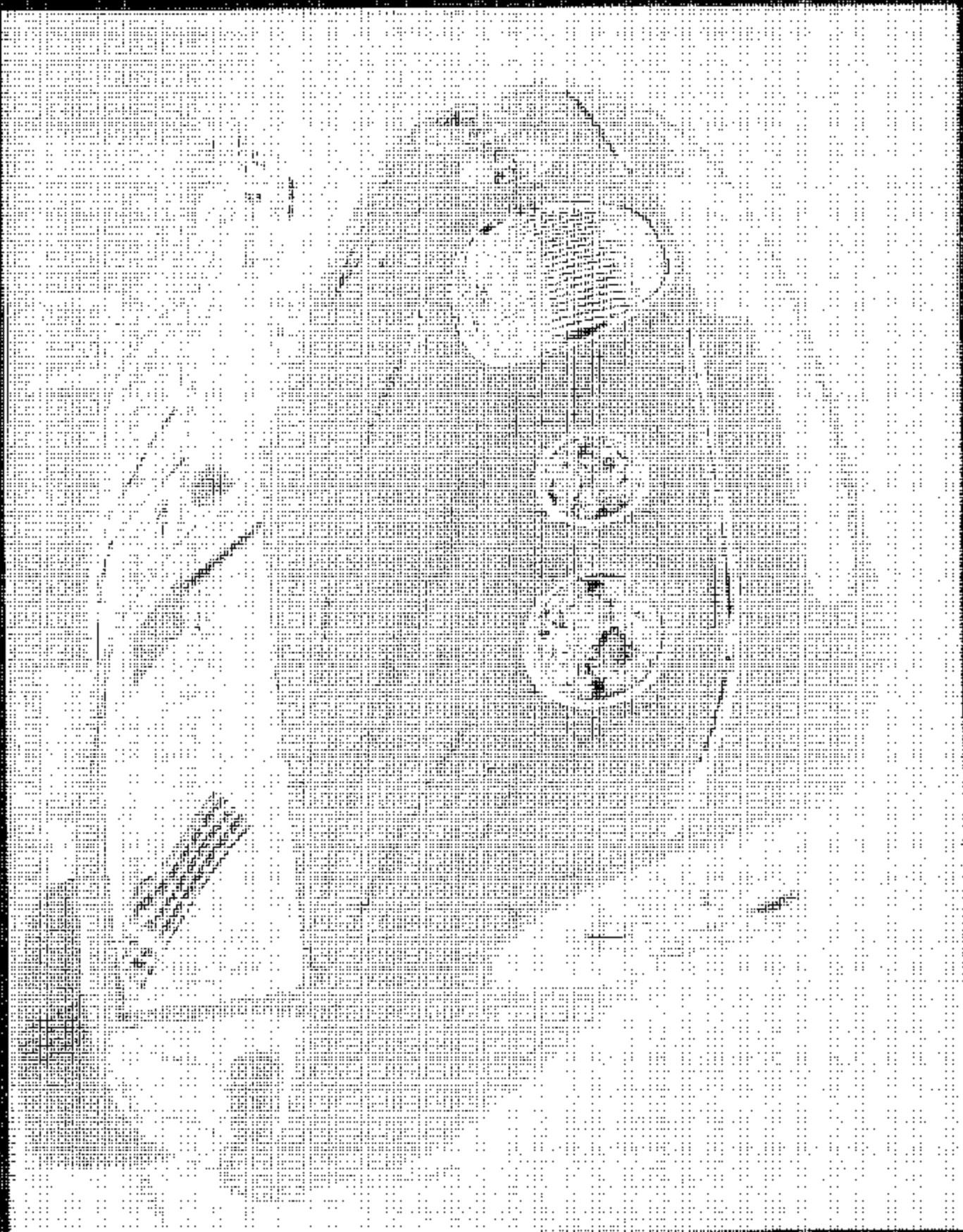
Describe method used by vehicle manufacturer to ensure that release mechanism is visible in a closed trunk compartment: Phosphorescence (Phosphorescence, auxiliary lighting, etc)

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

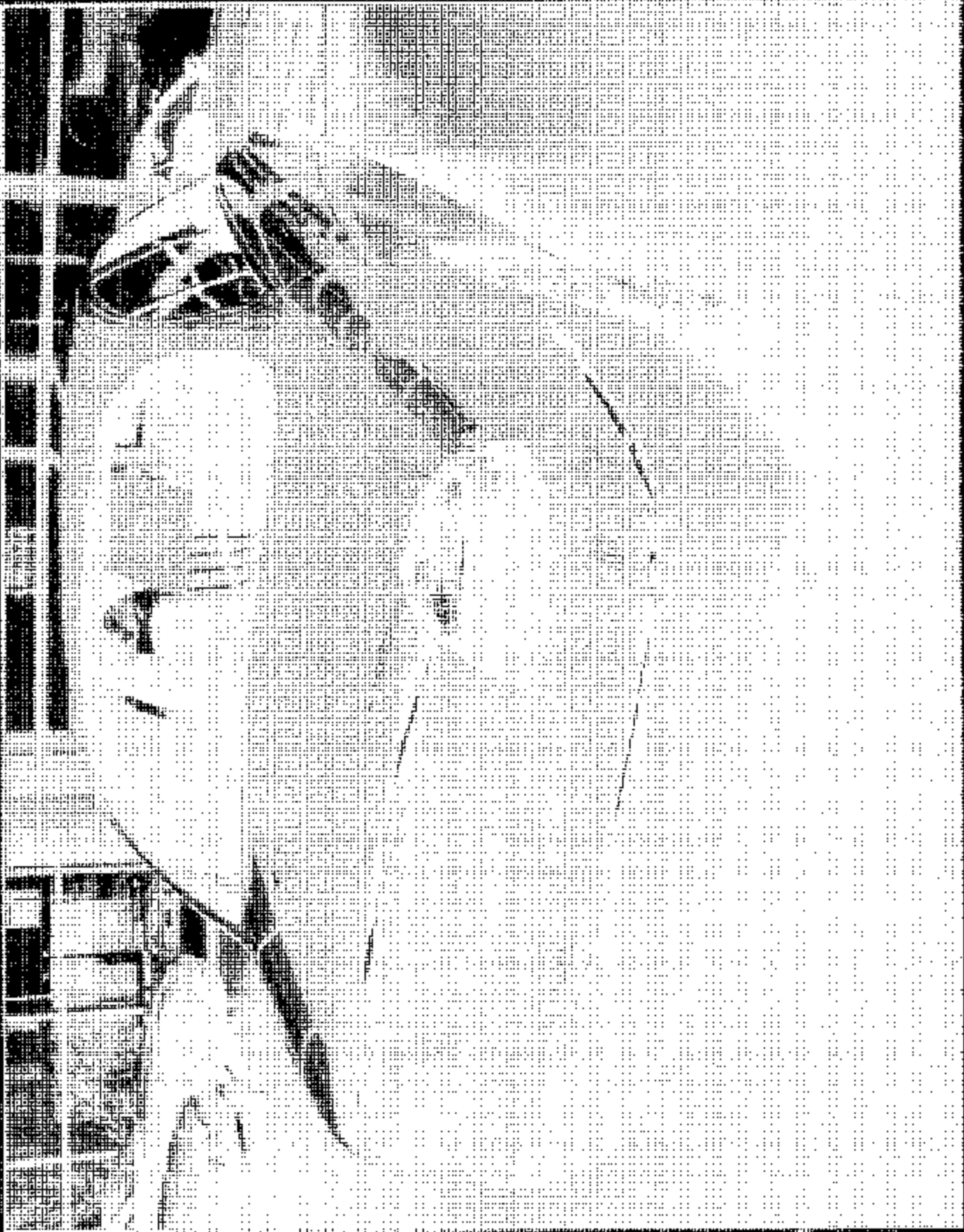
Trunk entry (Trunk entry, darkened room, etc.)

Vehicle Stationary (0 km/h)	Force Required to Release Trunk Lid (Newtons) [no requirement]	Trunk Released from All latching positions	Pass/Fail
NO KEY IN IGNITION			
Attempt 1	29.4	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Attempt 2	29.4	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Attempt 3	29.4	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Pass <input type="radio"/> Fail
Average -	29.4		

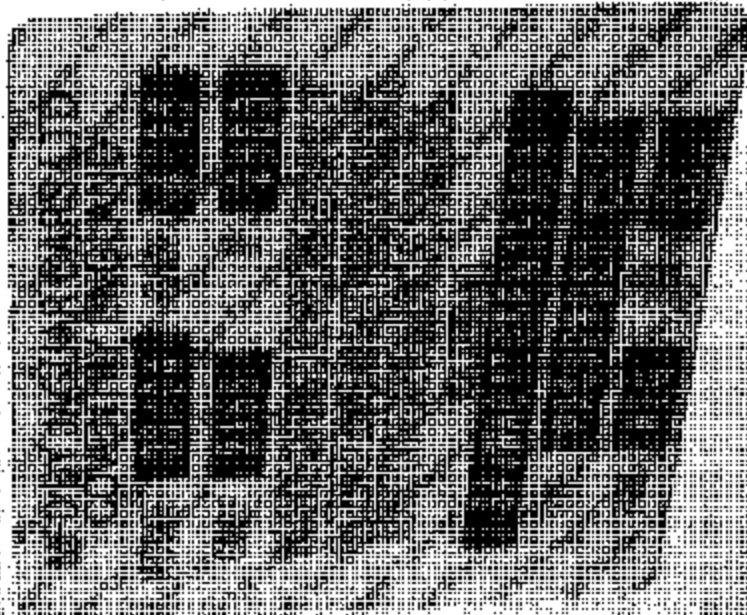
5.0 - Photographs



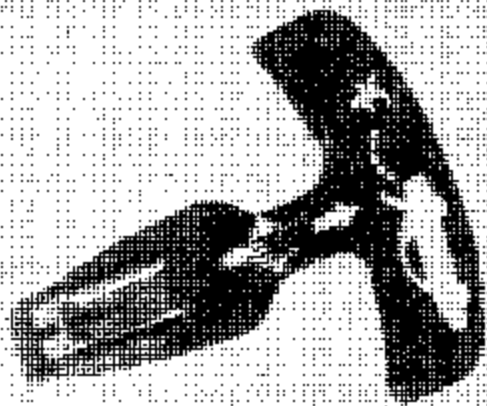
Vehicle Front



Vehicle Rear



Certification Label



Trunk Release Handle/Lever

