



Test Report: Special Requirements for Vehicles Equipped with Vehicle Stability Function

Legislation

Directive 2007/46/EC as amended by Regulation (EU) No 2015/166
UNECE Regulation 13.11 to Supplements 10 - 14

Test Details

Location of Test:	HORIBA MIRA Limited Watling Street Nuneaton Warwickshire CV10 0TU
Date of Test:	17 November 2017
VCA Representative(s):	K. Heath / C. Strickland
Manufacturer's Representative(s):	Chris Maynard
Reason for Test Report:	Test report only to cover vehicles with mass in running order > 1,735 kg

Manufacturer Details

Name and Address:	Driverite Ltd., Unit 626 Kilshane Avenue, North West Business Park, Ballycoolin, Dublin 15, IRELAND
Type:	S86 and S87 2012 >
Commercial Description:	Isuzu D-Max
Category:	N1G

Conclusion

The above mentioned vehicle was tested in accordance with the above mentioned legislation and was found to comply in all respects.

Signature:

Name:

K. Heath

Position:

Type Approval Engineer

Date:

24 November 2017

List of Annexes

Annex	No of Pages	Subject
I	1	Dimensions of Double Lane Change Track
II	9	DR.02.014642 Fitting Instructions



Worst Case Rationale

Test of a standard vehicle, fitted with manually adjusted fixed air pressure air bags to the rear suspension to assist the standard vehicle leaf springs.

Max axle masses are as per base vehicle:

Front: 1350kg

Rear: 1870kg

Gross Vehicle Weight: 3050kg

Vehicle is fitted with the standard suspension, dampers, springs etc, and standard road tyres.

Braking is covered by the base vehicle approval: Base vehicle whole vehicle approval number: e4*2004/46*0413

Test carried out on 2.5TDi version to cover 1.9 versions also.

Automatic tested to cover Manual gear box also.

Tested on 17" rims to cover 16" wheels also.

Tested Laden and Unladen.

Laden air bag pressure – 1.8 Bar (2 Bar shown on DriveRite supplied gauge)

Unladen air pressure 0.5 Bar (0.5 Bar shown on DriveRite supplied gauge)

VIN: MPATFS86JET004473

Drive Rite Air suspension kit – Part number DR.02.014642

Note: Include information on variants and versions this report covers, as applicable

Description of Modifications to the Vehicle that have Affected the ESC System:

Addition of supplementary air bags to the rear suspension

Covered Part Kits	Combined with Optional Control Kit
DR.02.014642	Not Applicable

Manufacturer's Documentation

Manufacturer's documentation is complete and reflects the agreed specification for the vehicle tested, and covers all variants and versions agreed in the worst case rationale.

Yes



Facility and Equipment Checks

Calibration certificates checked and valid, recorded in the following table:

Yes

Equipment	Serial / Certificate No.	Calibration due*
Race Logic data kit	00904	09/03/2018
Tyre pressure	00038	24 June 2018
Weigh Bridge	E09502-0071	June 2017

Specify calibrated date + (interval) or calibration due date.

Test Requirements

Test Vehicle

General

0.1.	Make:	Isuzu
0.2.	Type/Commercial name:	D-Max
	Approval number:	e4*2004/46*0413
	Variant/Version:	Double Cab
0.3.	Vehicle Identification Number:	MPATFS86JET004473
0.4.	Category:	N1G

General Construction Characteristics of the Vehicle

1.3.	Number of axles and wheels:	2 axle 4 wheel
1.3.3.	Powered axles and position:	4 WD / 2 WD (Rear Wheels) Tested in 2WD mode
2.1.1.	Wheelbase:	3095mm
2.4.2.1.	Length:	5295mm
2.4.2.2.	Width:	1860mm
2.4.2.4.	Height:	1785mm
2.4.2.9.	Position of centre of gravity:	As per base vehicle