



**Référence:** E13\*81R00/02\*9806\*02

**Annexes:** - Rapport Technique  
- Fiche de Renseignements du constructeur

Bertrange, le 04 juin 2024



**Communication concernant:** - ~~DELIVRANCE D'UNE HOMOLOGATION~~  
Communication concerning: - APPROVAL GRANTED  
- ~~EXTENSION D'HOMOLOGATION~~  
- APPROVAL EXTENDED  
- ~~REFUS D'HOMOLOGATION~~  
- APPROVAL REFUSED  
- ~~RETRAIT D'HOMOLOGATION~~  
- APPROVAL WITHDRAWN  
- ~~ARRET DEFINITIF DE LA PRODUCTION~~  
- PRODUCTION DEFINITELY DISCONTINUED

**d'un type de rétroviseur, conformément au Règlement N° 81**  
of a type of rear-view mirror pursuant to Regulation N° 81


**Numéro d'homologation:**

Approval number:

E13\*81R00/02\*9806\*02

**Marque d'homologation:**

Approval mark:

L  009806

**1. Marque de fabrique ou de commerce du dispositif:**

Trade name or mark of the equipment:

motogadget

**2. Type:**

Equipment type:

7002010

**3. Description sommaire comportant notamment les indications suivantes:**

Brief description including in particular the following information:

**3.1. Dimensions principales de la surface réfléchissante:**

Main dimensions of the reflecting surface:

Ø 94,8 mm

**3.2. Rayon de courbure nominal de la surface réfléchissante:**

Nominal radius of curvature of the reflecting surface:

1450 mm

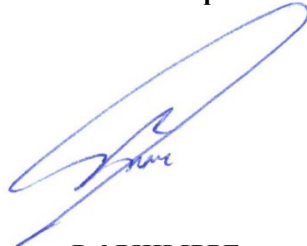
**4. Nom et adresse du fabricant:**

Manufacturer's name and address:

motogadget GmbH  
Wollenberger Str. 4 i-j  
D-13053 Berlin

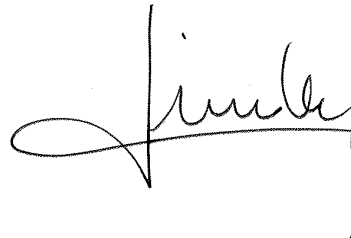

5. **Nom et adresse du représentant du fabricant (le cas échéant):**  
If applicable, name and address of the manufacturer's representative: not applicable
6. **Présenté à l'homologation le:**  
Equipment submitted for approval on: 18.04.2024
7. **Service technique chargé des essais d'homologation:**  
Technical service responsible for conducting approval tests: Luxcontrol SA  
B.P. 349  
L-4004 Esch-sur-Alzette
8. **Date du procès-verbal délivré par ce service:**  
Date of report issued by that service: 19.04.2024
9. **Numéro du procès-verbal délivré par ce service:**  
Number of report issued by that service: LC 1289 001 24
10. **Véhicules pour lesquels le dispositif est destiné:**  
Vehicles for which the equipment is designed: two-wheeled motor vehicles
11. **L'homologation est 2/:**  
Approval is 2/: accordée / refusée / étendue / retirée  
granted / refused / extended / withdrawn
12. **Motif(s) de l'extension de l'homologation:**  
Reason(s) for extension of approval: refer to Annex A of technical report
13. **Lieu:**  
Place: Bertrange
14. **Date:**  
Date: 04 juin 2024
15. **Signature:**  
Signature:

Pour la Ministre de la Mobilité  
et des Travaux publics



Pol PHILIPPE  
Attaché

Pour la SNCH

Laurent LINDEN  
Directeur opérationnel



**16. Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation:**

A list of documents contained in the approval file transmitted to the administrative service which has granted approval is annexed to this communication:

see index to type-approval report



**Référence:** E13\*81R00/02\*9806\*02

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Bertrange, le 04 juin 2024

## Index du dossier d'homologation Index to type-approval report

	<b>Numéro d'homologation:</b> Approval number:	E13*81R00/02*9806*02
	<b>Révision:</b> Revision:	00
	<b>Marque de fabrique ou de commerce:</b> Trade name or mark:	motogadget
	<b>Type:</b> Type:	7002010
1.	<b>Procès-verbal d'essai:</b> Test report:	N° LC 1289 001 24
	- Technical report:	Page(s) 1 to 3;
	- Index:	Page(s) 1 & 2
	- Communication as numbered in the standard:	Annex A - Page(s) 1;
	- Test results:	Annex B - Page(s) 1 to 3.
2.	<b>Dossier du constructeur:</b> Report of the manufacturer:	N° Annex C
	- Information document:	Page(s) <u>1 to 16</u> .
3.	<b>Autres documents annexés:</b> Other documents annexed:	not applicable
4.	<b>Date de délivrance de l'homologation initiale:</b> Date of issue of initial type approval:	30.08.2018
5.	<b>Date de la dernière délivrance de pages révisées:</b> Date of last issue of revised pages:	not applicable
6.	<b>Date de la dernière délivrance d'une homologation révisée:</b> Date of last extension:	04.06.2024

## TECHNICAL REPORT

**No.: LC 1289 001 24**

Inspection concerning

**the approval of rear-view mirrors and ond of two-wheeled power-driven vehicles with or without side car, with regard to the installation of rear-view mirrors on handlebars**

performed according to

**ECE-Regulation No. 81  
series of amendments: 00  
Including supplement: 2**

Type approval previously granted: **E13\*81R00/02\*9806\*01**

### Contents:

1. General
  2. Test details
  3. Statement of compliance
- Index

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1. **General**

Manufacturer: **motogadget GmbH**  
**Wollenberger Str. 4 i-j**  
**D-13053 Berlin**

~~Vehicle Type~~  
~~Or component of ESA or STU:~~ **7002010**

2. **Test details**

	Inspector	Location of test:	Date of receipt of test item:	Date of test:
Main report	D. Durazzi M. Flammang	Eurolens I – Paderno Dugnano (MI)	July 2018	19 to 23 July 2018
		Luxcontrol s.a.	August 2018	01 August 2018
Extension 1	D. Durazzi M. Flammang	Eurolens I – Paderno Dugnano (MI)	April 2019	08 April 2019
Extension 2	R. Limpach	motogadget GmbH Wollenberger Str. 4 i-j D-13053 Berlin	April 2024	18 April, 2024

2.1. **Remarks**

2.1.1. Main report:  
not applicable

2.1.2. Extension 1:  
New tests were run and validated in order to cover the added versions stated in the index.

2.1.3. Extension 2:  
Manufacturer address changed. Main dimension of reflecting surface revised.  
Tests performed to add new versions.



3. **Statement of compliance**

The inspections items and measurements carried out have shown the compliance of the type described in this technical report and the attached Annexes with the requirements of the standard as stated on page 1.

Esch-sur-Alzette, April 19, 2024

Luxcontrol s.a.  
Service Homologation-automobile

Romain Limpach  
Ingénieur-Inspecteur

Paul Wax  
Ingénieur-Inspecteur

Annexes



Details to the information package, including a summary in chronological order, concerning extensions and/or amendments

Type-approval previously granted: **E13\*81R00/02\*9806\*01**

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### Main Report

Technical Report No.:	LC 1289 002 18	3 Pages
	Index	1 Page

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	2 Pages

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### Extension 1

Technical Report No.:	LC 1289 001 19	3 Pages
	Index	1 Page

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	4 Pages

To be added:

- Versions 7004010 and 7005010

To be updated:

- Editorial arrangements
- 

### Extension 2

Technical Report No.:	LC 1289 001 24	3 Pages
	Index	2 Pages

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	
To be deleted:	all (4 Pages)
To be added:	16 Pages





To be added:

- Versions 7002080; 7002083; 7002070; 7002073; 7002060; 7002063;  
7002061; 7002062; 7002052; 7002050; 7002051

To be revised:

- Manufacturer's address
- Editorial arrangements
- Main dimension of reflecting surface

**Content of the information folder:**

- manufacturer's information document (page 1 to 16)
-



**COMMUNICATION AS NUMBERED [ ] IN THE STANDARD**

- [1.] Trade name or mark:  
**motogadget**
- [2.] Type:  
**7002010**
- [3.] Brief description including in particular the following information:
- [3.1.] Main dimensions of the reflecting surface:  
**Ø 94.8 mm**
- [3.2.] Nominal radius of curvature:  
**1450 mm**
- [4.] Name and address of the manufacturer:  
**motogadget GmbH**  
**Wollenberger Str. 4 i-j**  
**D-13053 Berlin**
- [5.] Name and address of manufacturer's authorised representative:  
**not applicable**
- [6.] Equipment submitted for type approval on:  
**18 April 2024**
- [10.] Vehicles for which the equipment is designed:  
**Two - wheel motor vehicles**
- [12] Reason(s) for extension of approval:  
**Versions 7002080; 7002083; 7002070; 7002073; 7002060; 7002063;**  
**7002061; 7002062; 7002052; 7002050; 7002051 added.**  
**Manufacturer address revised.**  
**Main dimension of reflecting surface revised.**



**1. Test results:**

**1.1. Version of the tested vehicle/item**

Following version(s) has been used for testing:

Main report:

- 7002010
- 7003020

Extension 1:

- 7004010
- 7005010

Extension 2:

- 7002080
- 7002061
- 7002083

The tested items are representative of the worst case.

**1.2. Inspection items**

**1.2.1. General specifications:**

The trade mark is engraved or laser edged clearly legible and indelible on the reflecting surface.

Space for the approval marks and additional symbols is provided on the reflecting surface as shown in Annex C.

**1.2.1.1. Adjustment of the rear-view mirror**

The reflecting surface of the rear-view mirror is manually adjustable

**1.2.1.2. Rear-view mirror holder (protective housing):**

Not applicable, as the reflective surface is machined from a single part of aluminum.



1.2.1.2.1. Radius of curvature of contactable parts of the rear-view mirror:

All parts, irrespective of the adjustment position of the device, which can be in static contact with a sphere of 100 mm, have a radius of curvature of "c" > 2,5 mm.

1.2.1.3. Dimensions of the reflecting surface:

The reflecting surface has an area of **more than 69 cm<sup>2</sup>**. It is possible to inscribe a circle of **min. 78 mm** on the reflecting surface.

1.2.1.4. Reflecting surface and coefficient of reflection:

Radius of curvature: **1450 mm**

Coefficient of reflection: **> 40 %**

1.2.1.5. The results indicated below have been achieved by adjusting the mirror to the installation angle of:

Test (*)	Impact test results [°]		Observations
	left	right	
1	> 20°	--	no cracks / no separations
	--	> 20°	no cracks / no separations
2	> 20°	--	no cracks / no separations
	--	> 20°	no cracks / no separations

(\*) according to paragraph 8.2 and 8.4. of the Regulation

1.2.1.6. Bending test:

Not applicable for external mirrors.

**1.3. Remark**

1.3.1. General:

The inspection results are applicable to all the versions named in the manufacturer's information folder (annex C). The tested rear-view mirror versions cover the worst cases for the different situations



**1.4.**

**Test facilities**

Calibration of measuring and test equipment used to carry out the inspections is in accordance with the ECE-Regulation stated in 1.1. of this report and with ISO 17025

E13\*81R00/02\*9806\*02

Société Nationale de Certification et d'Homologation



motogadget GmbH, Wollenberger Str. 4 i-j, 13053 Berlin

Ministry for Sustainable Development and Infrastructure  
Transport Division  
4, place de l'Europe  
L-1499 Luxembourg

Berlin, 06.03.2024

## Information document

Name and address of manufacturer : *motogadget GmbH  
Wollenberger Str. 4 i-j  
D-13053 Berlin*

Trade Name: motogadget

Type: 7002010

Version(s):

7003020

7004010

7005010

7002080

7002083

7002070

7002073

7002060

7002063

7002061

7002062

7002052

7002050

7002051