



Référence: E13*59R03/00*0067B*01

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Bertrange, le 12 août 2025

Communication concernant:⁽²⁾
Communication concerning:



~~- la délivrance d'une homologation~~
~~approval granted~~
~~- l'extension d'homologation~~
~~approval extended~~
~~- le refus d'homologation~~
~~approval refused~~
~~- le retrait d'homologation~~
~~approval withdrawn~~
~~- l'arrêt définitif de la production~~
~~production definitely discontinued~~

d'un type de dispositif silencieux d'échappement de remplacement ou d'élément d'un tel dispositif en application du Règlement N° 59.

of a type of replacement silencing system or components of the said system pursuant to Regulation No. 59.

Numéro d'homologation par type:
Approval number:

E13*59R03/00*0067B*01

Raison(s) de l'extension:
Reason(s) of extension:

Refer to Appendix 0 of test report

1. **Marque de fabrique ou de commerce du dispositif silencieux d'échappement:**
Trade name or mark of the exhaust silencing system:

Stoll GmbH

2. **Type du dispositif silencieux d'échappement:**
Type of the exhaust silencing system:

STOLL AGA EA825 SUV

3. **Nom et adresse du fabricant:**
Manufacturer's name and address:

Stoll GmbH
Porschestraße 1
D-79761 Waldshut-Tiengen

4. **Le cas échéant, nom et adresse de son mandataire:**
If applicable, name and address of manufacturer's representative:

Not applicable

5. **Description sommaire du dispositif silencieux (avec/sans⁽²⁾ / matériaux fibreux, etc.):**
Brief description of the exhaust silencing system (with/without⁽²⁾ / fibrous material, etc.):

Rear-silencer with fibrous material; absorption / reflection principle.

6. **Marque de fabrication ou de commerce du type de véhicule auquel le dispositif silencieux est destiné:**
Trade name or mark of the vehicle type for which the exhaust silencing system is intended: See appendix 2/01
7. **Type de ce véhicule, à commencer par le numéro de série:**
Vehicle type, starting from serial number: See appendix 2/01
serial number: not applicable
8. **Principe de fonctionnement du moteur (à allumage commandé, à allumage par compression etc.):**
Kind of engine: Positive-ignition
9. **Cycle ⁽²⁾:**
Cycles ⁽²⁾: ~~Two stroke~~ / Four stroke
10. **Cylindrée:**
Cylinder capacity: See appendix 2/01
11. **Puissance maximale du moteur (kW):**
Rated maximum net power (kW): See appendix 2/01
12. **Nombre de rapports de la boîte de vitesses:**
Number of gears: See appendix 3/01
13. **Rapport(s) de la boîte de vitesses utilise(s):**
Gears used: See appendix 3/01
14. **Rapport(s) du pont:**
Final drive ratio(s): See appendix 3/01
15. **Régime de puissance maximale:**
Rated maximum net power: See appendix 3/01
16. **Conditions de charge du véhicule pendant l'essai:**
Load conditions of vehicles during test: See appendix 3/01
17. **Valeurs du niveau sonore:**
Sound levels: See appendix 3/01
- 17.1 - **Véhicule en marche [db(A)]:**
Vehicle in motion [dbA]: See appendix 3/01
- 17.2 - **Véhicule à l'arrêt [db(A)] à [tr/min]:**
Vehicle stationary [dbA] with engine running at [rpm]: See appendix 3/01
18. **Valeur de la contre-pression:**
Value of the back pressure: See appendix 3/01
19. **Dispositif silencieux présenté**
Exhaust silencing system submitted
- **à l'homologation le:**
for approval on: 11.11.2021
- **à l'extension de l'homologation le:**
for extension of approval on: 20.06.2025

20. **Service technique chargé des essais d'homologation:**
Technical service responsible for conducting approval tests: TÜV Rheinland Kraftfahrt GmbH
21. **Date du procès-verbal émis par ce service:**
Date of report issued by that service: 10.07.2025
22. **Numéro du procès-verbal émis par ce service:**
Number of report issued by that service: 222LP0010-01
23. **L'homologation est ⁽²⁾:**
Approval: ~~Granted~~ / extended / ~~refused~~ / ~~withdrawn~~
24. **Emplacement sur le dispositif silencieux de la marque d'homologation:**
Position of approval mark on the vehicle: Impressed on the body of the silencer
25. **Lieu:**
Place: Bertrange
26. **Date:**
Date: 12 août 2025
27. **Signature:**
Signature:

Pour la Ministre de la Mobilité
et des Travaux publics



Iliass ZERKTOUNI
Attaché

Pour la SNCH



Laurent LINDEN
Directeur opérationnel



28. **Sont annexes à la présente communication les pièces suivantes qui portent le numéro d'homologation indiqué ci-dessus:**

The following documents, bearing the approval number shown above, are annexed to this communication:

- **dessins, schémas et plans du dispositif silencieux d'échappement**
- drawings, diagrams and plans of the silencing system
- **photographies du dispositif silencieux d'échappement**
- photographs of the exhaust silencing system
- **bordereau des éléments, dûment identifiés, formant le dispositif silencieux**
- list of components, duly identified constituting the exhaust silencing system

² **Biffer la mention qui ne convient pas**
Strike out what does not apply



Référence: E13*59R03/00*0067B*01

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Bertrange, le 12 août 2025

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*59R03/00*0067B*01
	Révision: Revision:	00
	Marque de fabrique ou de commerce: Trade name or mark:	Stoll GmbH
	Type: Type:	STOLL AGA EA825 SUV
1.	Procès-verbal d'essai: Test report:	N° 222LP0010-01
	- Test report:	Page 1 to 7
	- List of modification:	Appendix 0 - Page 8
	- Communication:	Attachment L - Page 1 & 2
	- Composition of the separate technical unit:	Appendix 1/01 - Page 1
	- Range of application:	Appendix 2/01 - Page 1 & 2
	- Test results:	Appendix 3/01 - Page 1 to 4
2.	Dossier du constructeur: Report of the manufacturer:	N° STOLL AGA EA825 SUV-01
	- Manufacturer's information document:	Page <u>1</u> to <u>3</u>
	- Attachments:	Refer to Appendices Page 3
3.	Autres documents annexés: Other documents annexed:	Not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	16.01.2023
5.	Date de la dernière délivrance de pages révisées: Date of last issue of revised pages:	Not applicable
6.	Date de la dernière délivrance d'une homologation révisée: Date of last extension:	12.08.2025

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
Manufacturer : Stoll GmbH

TEST REPORT

according to

UN-Regulation No. 59

Uniform provisions concerning the approval of replacement silencing systems

as last amended by

Revision 2 – Amendment 2

03 series of amendments – Date of entry into force: 25 September 2020

Approval Status

UN-Type approval : E13*59R03/00*0067B*01

Structure of the Test Report

Item No.

0	General information	
1	Tested vehicle(s) / object(s)	E13*59R03/00*0067B*01
2	Test record	Société Nationale de Certification et d'Homologation
3	Appendices	
4	Statement of conformity	

The Test Report shall be reproduced and published only in its entirety by the client. It may however be reproduced and published partially, but only with the written permission of the Technical Service.

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
Manufacturer : Stoll GmbH

0 General Information

- 0.1 Make (trade name of the manufacturer) : Stoll GmbH
- 0.2 Type : Stoll AGA EA825 SUV
- 0.3 Category of vehicle : M1
- 0.4 Name and address of the manufacturer : Stoll GmbH
Porschestraße 1
D-79761 Waldshut-Tiengen
- 0.5 No. of the information document : Stoll AGA EA825 SUV-01
- Date of issue : 2025-06-20
- Date of last change :

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
 Manufacturer : Stoll GmbH

1 Tested vehicle(s) / object(s)

1.1	Description	The tests were performed in two series
1.1.1	Vehicle / object (A)	: Test series 1
	Make	: Audi Sport GmbH
	Trade name	: RS Q8
	Type(s) /variant(s) /version(s)	: 4L / SDHUBQ2 / QA8QA8D6012RS031C234BIAEM1S5FLB2
	Vehicle type approval no.	: e1*2001/116*0367*08
	Identificationnumber	: WAUZZZF10MD018419
	Power plant Manufacturer	: Audi AG
	Manufacturer's engine code	: DHUB
	Rated maximum net power	: 441 kW @ 6000 min ⁻¹
	Mass in running order (m _{ro})	: 2390 kg
	Power to mass ration (PMR)	: 184,52
	Transmission	: 8 speed – automatic transmission
	Final drive ratio	: 3,204
	Mounted wheels	
	Axle 1	: 295/35 ZR23, Continental Sport Contact
	Axle 2	: 295/35 ZR23, Continental Sport Contact
	Year of manufacture	: 2021
	Mileage	: 15467
1.1.2	Condition of vehicle(s)/Object(s)	: new , used, pretested

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
 Manufacturer : Stoll GmbH

1.2.1	Vehicle / object (B)	: Test series 2
	Make	: Dr.Ing.h.c.F.Porsche AG
	Trade name	: Cayenne Turbo
	Type(s) /variant(s) /version(s)	: 9YA / EC22 / 2704110
	Vehicle type approval no.	: e13*2007/46*0900*04
	Identificationnumber	: W1ZZZ9YLDA88900
	Power plant Manufacturer	: Dr.Ing.h.c.F.Porsche AG
	Manufacturer's engine code	: DCU
	Rated maximum net power	: 404 kW @ 6000 min ⁻¹
	Mass in running order (m _{ro})	: 2275 kg
	Power to mass ration (PMR)	: 177,58
	Transmission	: 8 speed – automatic transmission
	Final drive ratio	: 3,091
	Mounted wheels Axle 1 Axle 2	: 285/35 ZR22 : 315/30 ZR23
	Year of manufacture	: 2019
	Mileage	: 57542
1.2.2	Condition of vehicle(s)/Object(s)	: new , used, pretested
1.3	Worst case configuration	: A high-performed vehicle was selected from the range of application of appendix 2/00. The test vehicle was representative to paragraph 2.9.1. to UN Regulation No. 59 and met the requirements of paragraph 8.1. of UN Regulation 51 (Conformity of Production)
1.4	Remarks	: The test vehicle was equipped with an exhaust system with variable geometries.

Test Report No. 222LP0010-01

Vehicle type / Type : **Stoll AGA EA825 SUV**
Manufacturer : **Stoll GmbH**

2 Test record

- 2.1 Equipment for measuring and testing : The test facilities / measurement equipment used were in compliance with the test requirements
- Acoustic measurements : Precision sound level meter meets the requirements described in IEC 61672 – 1:2002 class 1.
- Manufacturer : Brüel & Kjaer
Type : 2250L
Serial No. : 30110320, 3028096
- Sound Calibrator
Manufacturer : Brüel & Kjaer
Type : 4231
Serial no. : 2517924
- Speed measurements : GPS/GLONASS Data logger 100 Hz
Manufacturer : Racelogic
Type : Vbox 3i-V5
Serial No. : 072768
- Backpressure measurements : Each with nominal speed
Manufacturer : Xylem Analytics
Type : VAM 320
Serial No. : 15172710
- Meteorological Instrumentation
Temperature measuring device : Testo 0572 1767, 0572 6172, 0628 7507
Barometric pressure measuring device
Relative humidity measuring device
Serial No. : 41002222, 20682129, ---
Wind speed-measuring device : Kaindl electronic, Windmaster 2
Serial No. : 0704-92046-4
- 2.1.1 Specifications for the test site : Test series 1
Bastuck test track ISO 10844:2014
In der Hold
D-66822 Lebach
GPS: 49°25'35.9"N 6°54'5427.6"E
- Test series 2
Technologiezentrum Typprüfung
TÜV Rheinland Kraftfahrt GmbH
Königsberger Straße 20d
D-67245 Lamsheim
- 2.1.2 Subcontracting : -

Test Report No. 222LP0010-01

Vehicle type / Type : **Stoll AGA EA825 SUV**
Manufacturer : **Stoll GmbH**

2.2 Test results

Remarks concerning specific test execution or selection : -

Remarks concerning extension : ~~The vehicle type has been tested according to the modification(s) mentioned in appendix 0.~~
The new parts meet the requirements of the regulation.
An actual practical test of the vehicle was not necessary. The results of the previous test(s) are still valid.

() numbering according to Annex 1 of the UN-Regulation R59-03 series of amendments - Communication

[] numbering according to Annex 1 – appendix of the UN-Regulation R59-03 series of amendments – Information document

{ } numbering according to Annex 6 – Information for users and technical inspection

Test results referring to measurements : See Appendix 3/01

Test results of not measurable attributes : -

Alternative test methods : -

2.3 Additional information : -

Test site : Test series 1
Lebach, Bastuck & Co. GmbH

Test series 2
Lamsheim, TÜV Rheinland Kraftfahrt GmbH

Test date : Test series 1
2021-11-11

Test series 2
2023-01-03

2.4 Remarks : -

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
Manufacturer : Stoll GmbH

3 Appendices

Appendix 0 : List of modifications
Appendix 1/01 : Composition if the separate technical unit
Appendix 2/01 : Range of application
Appendix 3/01 : Test results R59-03

Information document Stoll AGA EA825 SUV-01

E13*59R03/00*0067B*01

4 Statement of conformity

Société Nationale de Certification et d'Homologation

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1. The test results in this report refer to the vehicle(s)/object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

Sulzbach / 2025-07-10



Dipl.-Ing.(FH) Michael Schmitt
Technical Expert Technical Service

Test Report No. 222LP0010-01

Vehicle type / Type : Stoll AGA EA825 SUV
Manufacturer : Stoll GmbH

List of modifications

Appendix 0

Correction of	:	-
Modification of	:	Change of technical Service Editorial changes have been made Range of application extended in appendix 2/01
Addition of	:	-
Deletion of	:	-

Appendix: 1/01 Type : Stoll AGA EA825 SUV
 Manufacturer : Stoll GmbH

Composition of the separate technical unit

No.	Component parts, dimensions in mm	Dimensions of parts in mm or original part / replacement part	Part-no or. / approval no.	See on drawing
01)	Front pipe	Original-part	-	-
02)	Catalyst / particulate trap	Original-part	-	-
03)	Front Silencer	Original-part	-	-
1)	ESD Stoll AGA EA825 SUV 2 Inlet pipe Ø 76 2 Outlet pipes Ø 65 2 Outlet pipes Ø 76, with Exhaust flap 4 Tailpipes: EXH0233 opt. EXH0236 opt. EXH0237 opt. EXH0254 opt. Tip007 opt. Tip008 opt. Tip011 opt. Tip012 opt. Tip018	Oval 275 x 205 x 700	ESD.13.76.900	ESD.13.76.900_Rev01 EXH0233,Rev.B EXH0236,Rev.B EXH0237,Rev.B EXH0254,Rev.B TIP0007,Rev.F TIP0008,Rev.A TIP0011,Rev.C TIP0012,Rev.F TIÜ0018
2)	AGA EA825 SUV Klappensteuerung		Type: 1.207	

Remarks:

Test Report : 222LP0010-01

Appendix: 2/01 Type : Stoll AGA EA825 SUV
 Manufacturer : Stoll GmbH

Range of application

Data of the vehicles for which the exhaust replacement silencing system is intend; according UNECE R59, Annex 6, paragraph 1, {g}

No.	Manufacturer	Make	Tradename	Vehicle type and Approval no.	Category of vehicle	Motor type/ working principle [PI / CI] ¹⁾	Engine capacity [cm ³]	Rated maximum net power [kW/min ⁻¹]	Kind of transmission	Restriction ²⁾ concerning vehicles where the system can be mounted
() Numbering according to Annex 1, / [] Numbering according to Annex 1 - Appendix / { } Numbering according to Annex 6 of UNECE R59										
	[1.6.1]	[1.1]/{i}	(6)/[1.2]	(7)/[1.2], [1.5]/{ii, iii}	[1.4]	(8)(9)/[1.6.2]/{iv}	(10)	(11)/[1.6.3]/{v}	[1.7.1]/{vi}	[1.11]/{vii}
1.	Audi Sport GmbH	Audi	RSQ8	4L e1*2001/116*0367*..	M1G	DHUB PI four stroke	3996	441 / 6000	AT	01)02)03)1)2)
2.						DWNB PI four stroke	3996	441 / 6000		
3.						DWNA PI four stroke	3996	471 / 6000		
4.	Audi AG	Audi	SQ7 SQ8	4L e1*2001/116*0350*..	M1 M1G	DCUE PI four stroke	3996	373 / 5500	AT	01)02)03)1)
5.	Bentley Motors Limited	Bentley	Bentayga	4V e5*2007/46*1125*..	M1 M1G	DCU PI four stroke	3996	404 / 5750	AT	01)02)03)1)
6.						DWR PI four stroke	3996	404 / 5750		

Test Report : 222LP0010-01

Appendix: 2/01 Type : Stoll AGA EA825 SUV
 Manufacturer : Stoll GmbH

Range of application

Data of the vehicles for which the exhaust replacement silencing system is intend; according UNECE R59, Annex 6, paragraph 1, {g}

No.	Manufacturer	Make	Tradename	Vehicle type and Approval no.	Category of vehicle	Motor type/ working principle [PI / CI] ¹⁾	Engine capacity [cm ³]	Rated maximum net power [kW/min ⁻¹]	Kind of transmission	Restriction ²⁾ concerning vehicles where the system can be mounted
() Numbering according to Annex 1, / [] Numbering according to Annex 1 - Appendix / { } Numbering according to Annex 6 of UNECE R59										
	[1.6.1]	[1.1]/{i}	(6)/[1.2]	(7)/[1.2], [1.5]/{ii, iii}	[1.4]	(8)(9)/[1.6.2]/{iv}	(10)	(11)/[1.6.3]/{v}	[1.7.1]/{vi}	[1.11]/{vii}
7.	Automobili Lamborghini S.p.A	Lamborghini	636 Urus	e3*2007/46*0616*..	M1 M1G	DWH PI four stroke	3996	456 / 6000	AT	01)02)03)1)2)
8.						DHU PI four stroke	3996	478 / 6000		
9.						DWN PI four stroke	3996	490 / 6000		
10.	Dr.Ing.h.c.F. Porsche Aktiengesellschaft	Porsche	Cayenne GTS	9YA e13*2007/46*0900*..	M1 M1G	DCU PI four stroke	3996	338 / 6000	AT	01)02)03)1)
11.			Cayenne Turbo			DCU PI four stroke	3996	404 / 5750		

Remarks:

- 1) PI = Positive Ignition (Petrol Car) / CI = Compression Ignition (Diesel Car)
 2) Composition of the separate technical unit. See Appendix: 1/01 of test report.