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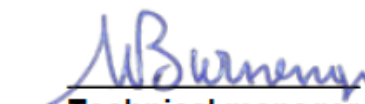
Termignoni S.p.A.
Via della Rampina, 1
I-15077 Predosa (AL)
Italy

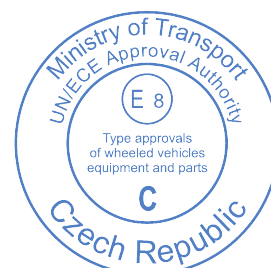
**APPLICATION FOR APPROVAL OF SEPARATE TECHNICAL UNIT OF
EXHAUST SYSTEMS FOR MOTORCYCLE PURSUANT
TO ECE Regulation No. 92.01**


**Uniform provisions concerning the approval of non-original
replacement exhaust silencing systems (RESS) for motorcycles,
mopeds and three-wheeled vehicles**

Total Number Of Pages: 10 (Including Annex)

Predosa, IT
18.02.2021


Technical manager



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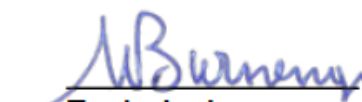
Confirmation

1- We declare hereby that the specimen submitted for this approval test have been manufactured and assembled in conditions of ordinary mass production and that they are compatible with the enclosed documentation.

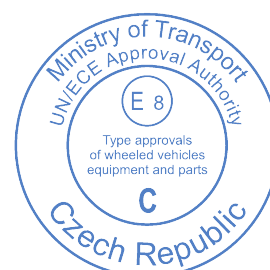
2- Termignoni S.p.A. attests that the non-original replacement exhaust silencing systems of this type **H166** comply with the requirements of paragraph 6.3 of the 04 series of amendments to UN Regulation No.41.


Termignoni S.p.A. makes this statement in good faith, after having performed an appropriate evaluation of the sound emission performance of the non-original replacement exhaust silencing system in accordance with the requirements of UN Regulation No.92.

3- Termignoni S.p.A. attests that no device or procedure has been intentionally altered, adjusted or introduced solely for the purpose of fulfilling the sound emission requirements of this Regulation, which will not be operational during typical on-road operation.


Technical manager

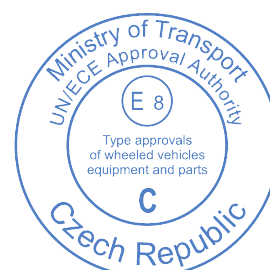
Predosa, IT
18.02.2021



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Appendix 3 – Drawing of silencer “H166: Silencer”	pages 1
Appendix 4 – Fitting instructions “Fitting instructions”	pages 1



0. GENERAL INFORMATION

B. General information concerning systems, components or separate technical units

- 0.7. Make (trade name of manufacturer):** Termignoni
- 0.8. Type:** H166
- 0.8. Variants:** TSSF, SSSF, TTTF, STTF for details see page 6.
- 0.8.1. Commercial name (if available):** N/A
- 0.8.2. Type-approval number (if available):** N/A
- 0.8.3. Type-approval issued on (date, if available):** N/A

- 0.9. Company name and address of manufacturer:** Termignoni S.p.A.
Via della Rampina, 1
I-15077 Predosa (AL)
Italy
- 0.9.1. Name and address of assembly plants:** Termignoni S.p.A.
Via della Rampina, 1
I-15077 Predosa (AL)
Italy

- 0.9.2. Name and address of manufacturer's authorised representative, if any:**
N/A

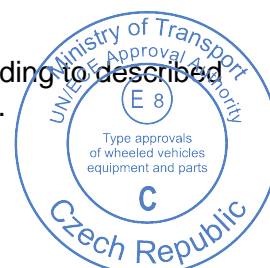
0.10. Vehicle for which the system/separate technical unit is intended for

0.10.1. Type:	SD09				SD08	
0.10.2. Variant:	1	2	3	4	1	2
0.10.3. Version:	1				1	
0.10.4. Commercial name:	CRF1100A2	CRF1100D2	CRF1100A4	CRF1100D4	CRF1100A	CRF1100D
0.10.5. Category of vehicle:	L3e-A3					
0.10.6. Vehicle type approval No.:	e4*168/2013*00115				e4*168/2013*00118	

C. General information concerning vehicle, systems, components or separate technical units

0.12. Conformity of production

- 0.12.1. Description of overall quality-assurance management systems according to described internal quality management initially assessment has been executed.**



1. GENERAL CONSTRUCTION CHARACTERISTICS

1.8. Propulsion unit performance

Engine type:	SD08E
Engine Capacity:	1084 cm ³
1.8.1. Declared maximum vehicle speed:	199 km/h
1.8.3. Maximum net power combustion engine:	75,0 kW / 7500 min-1
1.8.4. Maximum net torque combustion engine:	105 Nm / 6250 min-1
1.8.5. Maximum continuous-rated power electric motor (15/30 minutes power):	N/A
1.8.6. Maximum continuous-rated torque electric motor:	N/A
1.8.7. Maximum continuous total power for propulsion:	N/A
1.8.8. Maximum continuous total torque for propulsion:	N/A
1.8.9. Maximum peak power for propulsion:	N/A

4. GENERAL INFORMATION ON ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE

4.0.1. Environmental step:

EURO 5

4.0.2. Fuel consumption (l/100km):

Type SD09				Type SD08	
1	2	3	4	1	2
4,9	4,8	4,9	4,8	4,9	4,8

4.0.3. CO₂ emissions (g/km):

Type SD09				Type SD08	
1	2	3	4	1	2
112	110	112	110	112	110

4.0.4. Energy consumption:

N/A

4.0.5. Electric range:

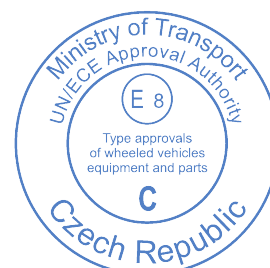
N/A


4.0.6. Noise level (limit value):

77 dB(A)

4.4. Additional information on environmental and propulsion unit performance

4.4.4. Applicable information document set out in respectively UN Regulation No 92 shall supplement this information document with regards to the noise-abatement devices installed on the vehicle.



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Technical description:

Non-original exhaust system, according to drawings no. "H166 : Silencer", consists of: single silencer on the right side of the vehicle rear, maximum section 107x126 mm, total length 723,0 mm (with endcap and junction pipe), absorption reflection principle with one outlet pipe of 40 mm (inner section). The silencer has been designed in four possible variants: TSSF, SSSF, TTTF, STTF

Position and direction of the tail pipe:

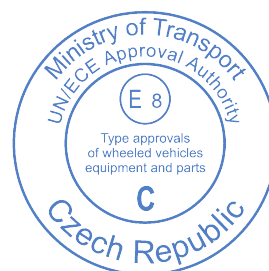
One silencer on the right side, in longitudinal direction.

Used materials:

- SSSF: Stainless Steel (Shell), Stainless Steel (outlet pipe), Stainless Steel (punched-holes Pipe), Fibre Glass (sound deadener).
- TSSF: Titanium(shell), Stainless Steel (outlet pipe), Stainless Steel (punched-holes pipe), Fibre Glass (Sound Deadener).
- TTTF: Titanium (shell), Titanium (outlet pipe), Titanium (punched-holes pipe), Fibre Glass (sound deadener).
- STTF: Stainless Steel (shell), Titanium (outlet pipe), Titanium (punched-holes pipe), Fibre Glass (sound deadener).

Place of marking:

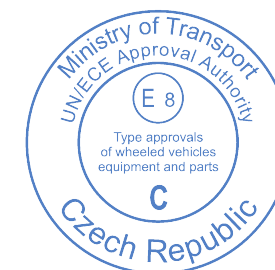
On the silencers, see enclosed drawings of silencers and composition "H166 : Silencer"

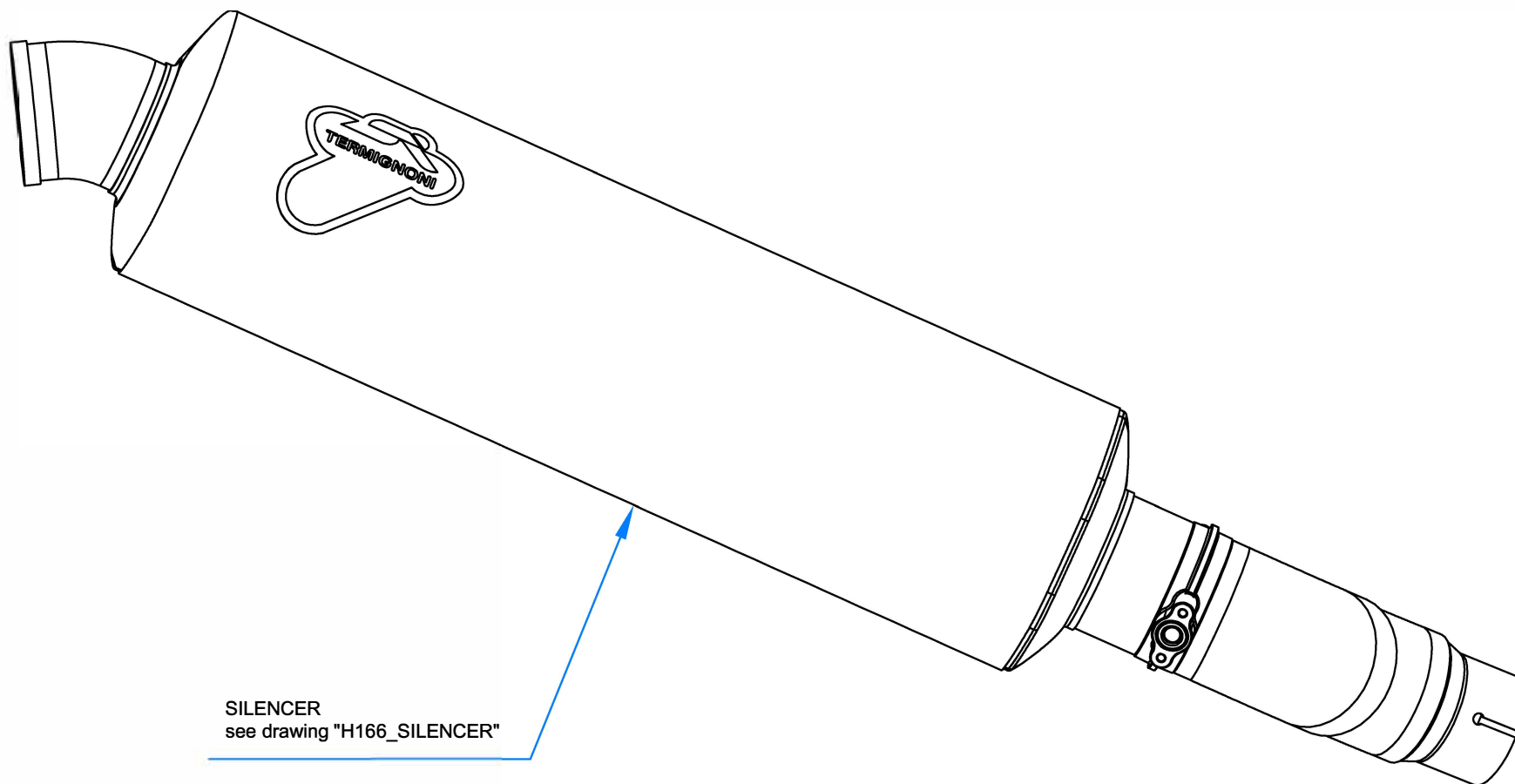




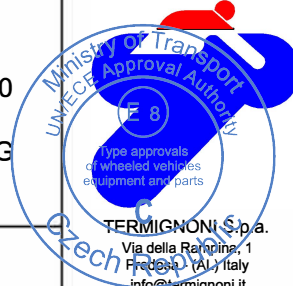
Appendix 1 - Composition of the original exhaust system + original parts

No.	Components parts, dimensions in mm	Dimensions of the part in mm or original part / replacement part	Part no. or homologation no.
1)	Collectors and final body	Original part	--
2)	Catalytic converter	Original part	--
3)	Silencers (two outlet pipes, inner section Ø32 mm each)	Single silencer on the right side of the vehicle rear, maximum section 107x126 mm, total length 723,0 mm (with endcap and junction pipe), absorption reflection principle with one outlet pipe of 40 mm (inner section).	"H166 : Silencer"
4)	Silencer composition	TSSF, SSSF, TTTF, STTF	See drawing no. "H166 : Silencer"

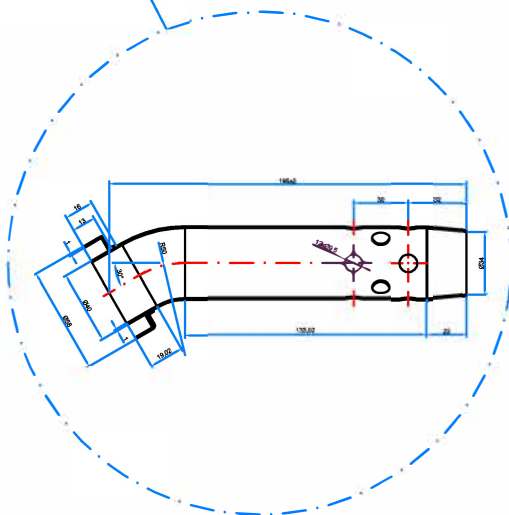
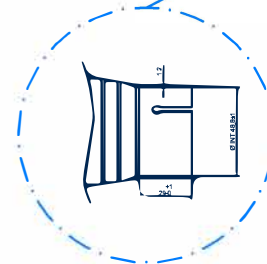
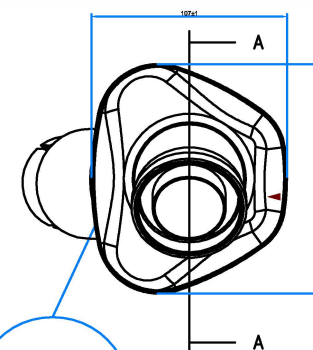





SILENCER
see drawing "H166_SILENCER"

Scale: Drawing not to scale	Model: HONDA AFRICA TWIN 2020 H166 ex 000XX G	 <p>Ministry of Transport UNECE Approval Authority E8 Type approvals of wheeled vehicles equipment and parts</p> <p>TERMIGNONI S.p.A. Via della Repubblica, 1 Freddo (AI) - Italy info@termignoni.it</p>
Date: 08/02/2021		
Name: Zappia C.		
Type: H166 : ASSEMBLY		

		USED MATERIALS			
VERSION	PART NAME /REF	1	2	3	4
		SHELL	END CAP	PUNCHED/HOLES PIPE	SOUND DEADNER
TSSF	Titanium	Stainless steel	Stainless steel	Fiber glass	
SSSF	Stainless steel	Stainless steel	Stainless steel	Fiber glass	
TTTF	Titanium	Titanium	Titanium	Fiber glass	
STTF	Stainless steel	Titanium	Titanium	Fiber glass	



General tolerance :+/- 1mm
E8*92R01/02*12534*00

Scale: Drawing not to scale	Model: HONDA AFRICA TWIN 2020 H166 ex XXXX G	
Date: 08/02/2021		
Name: Zappia C.		
Type: H166 : SILENCER	TERMIGNONI S.p.a. Via della Pempina, 1 41035 - (AL) Italy info@termignoni.it	
Il presente disegno è di proprietà della Termignoni S.p.a. e non può essere riprodotto o portato a conoscenza di terzi senza autorizzazione		



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Part. IVA - C.F. 00862780061
Iscriz. C.C.I.A.A. AL 130295
Iscriz. Tribunale Reg. Soc. 7721
N. Export AL 009063
C.C. IT 00862780061
Cap. Soc. € 1.000.000,00 int. vers.

FITTING INSTRUCTIONS

For Termignoni exhaust systems

A. Dismantling the original exhaust system

1. Remove any casing impeding clear access
2. Detach the silencer support(s) and the original silencer from the branch pipe and/or exhaust manifold

B. Fitting Termignoni silencer(s)

1. Fit the Termignoni silencer(s) to the original branch pipe, or use the Termignoni branch pipe to fit the exhaust manifold
2. Attach the silencer(s) with the mounting(s) supplied with the vehicle, leaving the screws and bolts loose
3. Adjust the exhaust system so that when fully inserted it is at least 5 mm from any other component of the vehicle
4. Tighten all screws and bolts
5. Test the vehicle and check all connections, tightening the screws and bolts if necessary
6. After about 100 km check all the connections again and tighten the screws and bolts if necessary

WARNING:

Take care when working on the exhaust system after testing the vehicle since the surfaces could be very hot

