



INFORMATION DOCUMENT
N° Y1111/134/2014 rev. 00

Date: 19/09/2016
Page 1/7

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 REGULATION (EU) 134/2014**

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF
TWO- OR THREE-WHEEL VEHICLES AND QUADRICYCLES
WITH REGARD TO NOISE-ABATEMENT DEVICE**

Total number of pages: 10

Predosa, IT
19.09.2016



Technical manager





Confirmation

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.

Predosa, IT
19.09.2016



Technical manager





Contents

Confirmation	2
0. GENERAL INFORMATION.....	4
1. GENERAL CONSTRUCTION CHARACTERISTICS.....	5
Appendix 1 - Composition of the original exhaust system + original parts	1
Enclosures:	
Appendix 2 - Drawing of silencer "Y111: SILENCER", date: 02/08/2016, pages 1	
Appendix 3 - Drawing of composition "Y111: ASSEMBLY", date: 02/08/2016, pages 1	
Appendix 4 - 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:** Y111
- Variants: -
- 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: RN45
Yamaha Motor Co. LTD
e13*168/2013*00008
- 0.10.2. Variant: A
- 0.10.3. Version: 01, 02, 03
- 0.10.4. Commercial name (if available): MTN1000
- 0.10.5. Category, subcategory and sub-subcategory of vehicle: L3e-A3

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

- | | | |
|--------|--|---|
| 1.8.1. | Declared maximum vehicle speed: | 245 km/h |
| 1.8.3. | Maximum net power combustion engine: | 118,0 kW at 11500 min ⁻¹
at A/F ratio: 12,5:1 |
| 1.8.4. | Maximum net torque combustion engine: | 111 Nm at 9000 min ⁻¹
at A/F ratio: 12,5:1 |
| 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. General information on environmental and propulsion performance

4.0.1. Environmental step: N/A

4.0.2. Sound level N/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. N/A





Technical description:

Non-original exhaust system, consisting out of one silencer on the rear side of the vehicle, maximum dimensions 127x88 mm and, total length 386 mm (with endcap), absorption-reflection principle with outlet pipe \varnothing 54 mm according to drawings no. Y111: SILENCER, in combination with original header system. The silencer has been made in Carbon fiber and Titanium.

Repair and maintenance information are in manual and webpages: www.termignoni.it

Position and direction of the tail pipe:

On the right side of the vehicle

Place of marking:

On the silencer, see enclosed drawings of silencer and composition
Appendix 2 - Drawing of silencer "Y111: SILENCER", date: 02/08/2016.



INFORMATION DOCUMENT N° Y111/134/2014 rev. 00 - Appendix

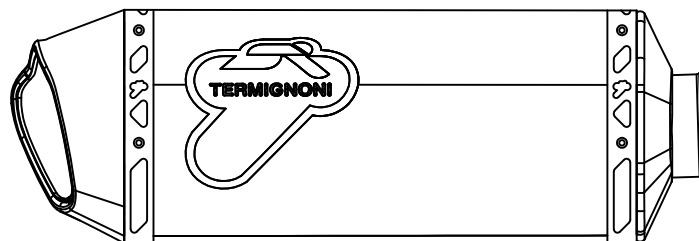
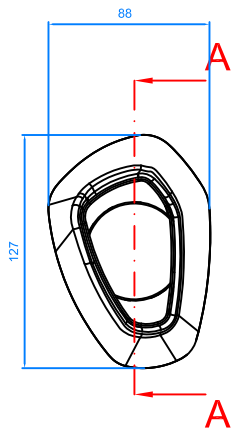
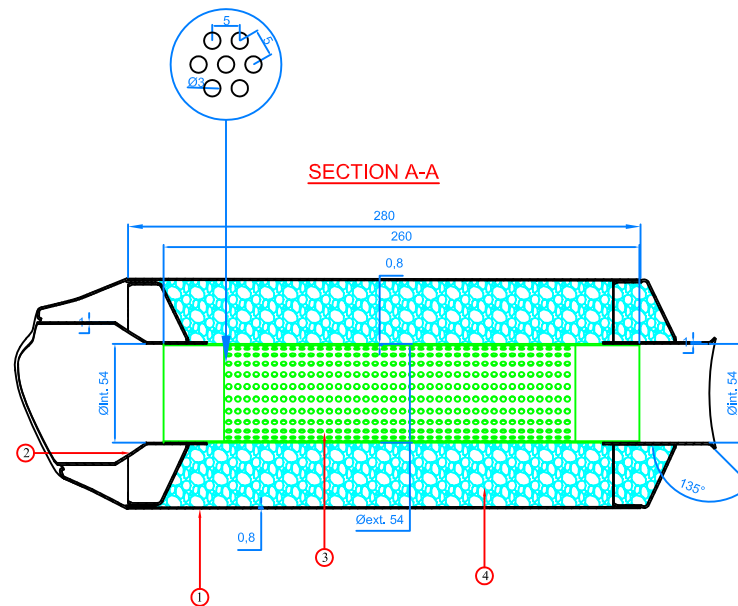
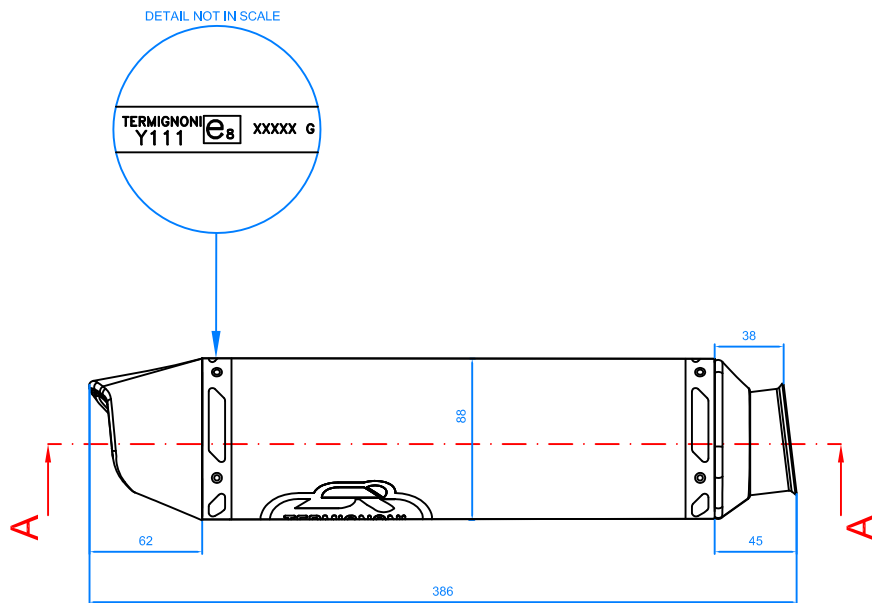
Appendix 1 - Composition of the original exhaust system + original parts

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 (outlet pipe \varnothing 54 mm)	One silencer on the rear side of the vehicle, maximum dimensions 127x88 mm and, total length 386 mm (with endcap), absorption-reflection principle with outlet pipe \varnothing 54 mm	Y111: SILENCER



General tolerance: ±1mm

INFORMATION DOCUMENT N° Y111/134/2014
 Appendix 2 - Drawing of silencer "Y111: SILENCER"

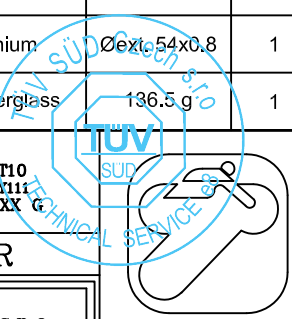


Part List				
Nr.	Part Name	Material	Dimension	QT.
1	Shell / Outlet Cap	Carbon Fiber	See Drawings	1
2	Outlet Pipe	Titanium	See Drawings	1
3	Perforated inner pipe	Titanium	Øext. 54x0.8	1
4	Soundproof material	S2 Fiberglass	136.5 g	1

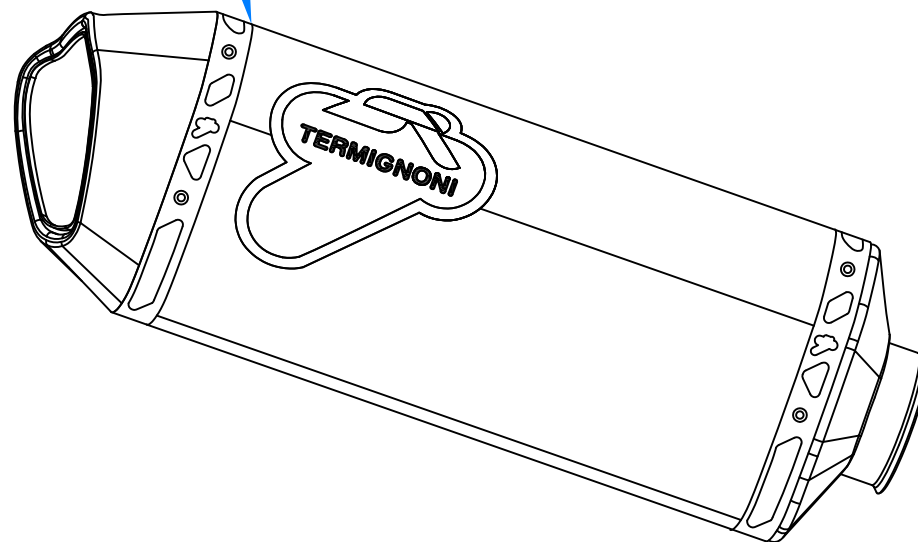
SCALE: 1:1 MODEL: YAMAHA MT10
 DATE: 22/09/2016 1 SIL. Cod. Y111
 NAME: S. Emanuelli Y111 e8 XXXXX G

TYPE: Y111: SILENCER

Termignoni s.p.a.

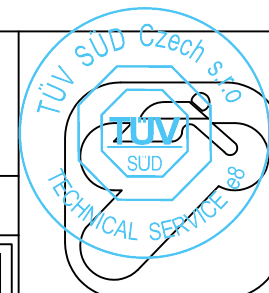


SILENCER
see drawing "Y111_SILENCER"



SCALE: 1:2	MODEL: YAMAHA MT10 silencer
DATE: 22/09/2016	Y111 e8 XXXXX G
NAME: S.Emanuelli	
TYPE: Y111: ASSEMBLY	

Termignoni s.p.a.



www.termignoni.it



Termignoni s.p.a.
Via della Rampina, 1
15077 PREDOSA (AL) Italy
Telef. +39 0131.71666
Fax +39 0131.71696
www.termignoni.it
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

