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Mr Emmanuel Nucci
TÜV Italia

Your Reference: 374-0062-08-ITA

Our Reference: EAJ192092

Date: 19 June 2008

MANUFACTURER: Termignoni S.r.l

VEHICLE TYPE: GR8V

EEC DIRECTIVE: 97/24EC

APPROVAL NUMBER: e11*97/24*97/24/9/*III*0644*00

INDEX REVISION NUMBER: Not applicable

1. This vehicle type has been tested and, according to your technical report, meets the requirements of the above EEC Directive. I enclose a set of approval documents, each comprising the approval, your technical report and the manufacturer's documentation duly authenticated.

2. If you think there are any errors in the enclosed package, please contact Andrew Meadows, telephone 0117 952 4187 immediately. Please be aware that from the date of issue we have a three week holding period, any corrections required after this time will need to be corrected via an extension, index revision or correction 1 certificate, as appropriate.

Yours sincerely

Jessica Stephens
Product Certification

INVESTOR IN PEOPLE

POSITIVE ABOUT DISABLED PEOPLE

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1. CONDITIONS

1.1 This Approval may be withdrawn at any time and while held is subject to the following conditions.

2. CONDITIONS OF MOTOR VEHICLE PARTS

2.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended only on Motor Vehicle Parts that:

a. Have been manufactured, assembled or completed in factories under his control and

b. Conform in all material respects with the samples, which were tested before this approval was issued.

2.2 The holder of this approval shall mark his products in the manner set out in the relevant Regulation/Directive as given in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended together with:

a. The approval number allocated by the Secretary of State for Transport.
b. His name or trademark
c. Any other markings specified in the appropriate international Regulation

2.3 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department, that the quality of the part being produced and marked or intended to be by him with the approval marking conforms in all material respects with that of the samples tested as the International Regulation requires.

2.4 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which parts marked or intended to be marked are being manufactured, assembled or stored and to permit any such official or agent to inspect parts and all records relating to them and their production processes.

2.5 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice being given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.

3. CONDITIONS FOR MOTOR VEHICLES

3.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended only on Motor Vehicles fitted with Motor Vehicle parts which Motor Vehicles as fitted with such parts conform with the type of Motor Vehicle approved by as on behalf of the Secretary of State for Transport and only on Motor Vehicles that:

a. Have been manufactured, assembled or completed in factories under his control and

b. Conform in all material respects with the type of Motor Vehicle, which was tested before an approval certificate was issued.

3.2 The holder of this approval shall mark motor vehicles of the type approved. In the matter set out in the relevant Regulation/Directive using the authorised approval mark as given in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended together with the approval number allocated by the Secretary of State for Transport.

3.3 The holder of this approval shall mark Motor Vehicles of the type approved in the manner set out in the relevant Regulation annexed to the United Nations agreement of 1958 as amended using the authorised approval mark which comprises a capital letter E followed by the number 11 within a circle together with the approval number allocated by the Secretary of State for Transport.

3.4 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department that Motor Vehicles of the type approved which have been produced and marked or that are intended to be marked by him conform in all material respects with the type of vehicle approved.

3.5 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which the Motor Vehicles of the type approved which have been or are intended to be marked are manufactured, assembled or stored and to permit any such official or agent to inspect the Motor Vehicles and all records relating to them and their production processes.

3.6 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.

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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE GRANTING OF COMPONENT TYPE-APPROVAL IN RESPECT OF A NON-ORIGINAL EXHAUST SYSTEM FOR A TYPE OF MOTORCYCLE PURSUANT TO DIRECTIVE 97/24/EC CHAPTER 9 OF 17 JUNE 1997

Report No: 374-0062-08-ITA
By technical service: TÜV Italia Srl, TÜV Süd Group
Date: 30 May 2008

Type-approval No: e11*97/24*97/24/9/III*0644*00
Reason for extension: Not applicable

1. Make of exhaust: Termignoni S.r.l

2. Type of exhaust: GR8V

3. Name and address of Manufacturer:

   Termignoni S.r.l
   Via Della Rampina, 16
   15077 Predosa (AL
   Italy

4. If applicable, name and address of manufacturer's authorised representative: Not applicable

5. Make(s) and type(s) and any variant(s) or version(s) of the vehicle(s) for which the exhaust system is designed: See list enclosed

6. Date system submitted for testing: See enclosure

7. Component type-approval has been GRANTED

8. Place: BRISTOL

9. Date: 19 JUNE 2008

10. Signature:

A. W. STENNING
Head of Technical and Quality Group

19-Jun-08
UK Approval Authority

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APPROVAL NUMBER: e11*97/24*97/24/9/III*0644*00

INFORMATION PACKAGE CONTENTS

INDEX

REVISION NUMBER: Not applicable

Total number of sheets:	14 (Fourteen)
Number of separate drawings:	0 (Nil)
Number of separate photographs:	0 (Nil)

Reasons for Revision: Not applicable

EAJ192092

Revision date
&
Office stamp

19-Jun-08
UK Approval Authority

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TECHNICAL REPORT

No. 374 - 0062 - 08 - ITA

about a test of a non-original exhaust system or a component

as a separate technical unit for motorcycles according to the directive of the Council of

the European Community for adaptation to the laws of the Member States relating to

the permissible sound level and exhaust systems for two or three-wheel motor vehicles

No. ***97/24/EC*** *including the last amendment* ***2006/120/EC dated 27-Nov.-2006***
concerning ***Chapter 9, annex III***
Approval mark according to annex VI point 6.1.1

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0. Technical description

0.1.	Make:	Termignoni
0.2.	Type:	**GR8V**
0.2.1.	Variants:	01 (with CAP opt.1) 02 (with CAP opt.2) 03 (with CAP opt.3)
0.3.	Name and address of the manufacturer:	Termignoni S.r.l. Via della Rampina, 16 I-15077 Predosa (AL)
0.4.	Name and address of manufacturer's authorized representative:	Not applicable
0.5.	Class of the vehicles the unit is used for:	Motorcycle - L3e (according to 2002/24/EC amended 2006/120/EC)

VCA 19-Jun-08 EC Approval Authority

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I. Test object(s)

1.1.	Description of the vehicles the unit is used for:	Notice enclosure b
1.2.	Identification number:	TERMIGNONI GR8V e11 0644 5 9
1.2.1.	Structure of the non-original exhaust system:	Non-original exhaust system, consisting out of one silencer left, cone log with maximum diameter 119 mm, length 616,5 mm (without endcaps), absorption- reflection- principle with outlet pipe ∅ 43 according to drawing no. GR8V: SILENCER in combination with original header system. Equipped with three different caps, one for each variant according to drawings GR8V SILENCER CAP OPT 1, GR8V SILENCER CAP OPT 2, GR8V SILENCER CAP OPT 3. The silencer is equipped with non-original catalytic converter in according to drawing: CATALYTIC CONVERTER.
1.2.2.	List of parts:	See Test Report
1.2.3.	Position of the marking:	On the silencer, see enclosure c1.
1.2.4.	Make Vehicles tested:	Moto Guzzi
1.2.5.	Material of the non-original exhaust system:	See Test Reports
1.3.	Remarks:	---

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II. Test Report

2.1.	Test equipment:	The tests were effected with an equipment that corresponds to the test requirements
2.2.	Condition under which the above mentioned test Records have been achieved:	See Test Reports enclosure
2.2.1	Summary of the Test Records:	See Test Reports enclosure
2.3.	General information about the Tests:	
2.3.1.	Weather condition:	See Test Reports enclosure
2.3.2.	Place of the test:	See Test Reports enclosure
2.3.3.	Date of the test:	See Test Reports enclosure

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Automotive

III. Enclosures

a. Test Report
Composition of the non original exhaust system;
Field of application;
Test Records.

	Number	pages	date
1	374-0063-08-ITA	6	30/05/2008

b.	Information Document n° GR8V/97/24 rev. 00	30/05/2008
c1.	Drawing GR8V: SILENCER	10/04/2008
c2.1.	Drawing GR8V: SILENCER CAP OPT 1	10/04/2008
c2.2.	Drawing GR8V: SILENCER CAP OPT 2	10/04/2008
c2.3.	Drawing GR8V: SILENCER CAP OPT 3	10/04/2008
C3.	Drawing GR8V: TAPPO	01/04/2008
c4.	Drawing CATALITIC CONVERTER	10/04/2008
c5.1.	Drawing GR8V: ASSEMBLY WITH “CAP” OPT 1	10/04/2008
c5.2.	Drawing GR8V: ASSEMBLY WITH “CAP” OPT 2	10/04/2008
c5.3.	Drawing GR8V: ASSEMBLY WITH “CAP” OPT 3	10/04/2008

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19-Jun-08
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IV. Final confirmation

The named information document and the described type correspond to the Directive 97/24/EC chapter 9, annex III including the amendment 2006/120/EC. There are no technical objections against granting an EC Type-approval.

This technical report consists of sheet 1 to 6.

Sachverständiger Prüflabor DIN EN ISO/IEC 17025 TÜV SÜD Automotive GmbH

Recognised Expert
Emmanuel Nucci

mp Sesto San Giovanni (MI),
the 30.05.2008

183857

VCA 19-Jun-08 VCA Approval Authority

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TEST REPORT

No. 374 - 0063 - 08 - ITA

about a test of a non-original exhaust system or a component as a separate technical unit for motorcycles according to the directive of the Council of the European Community for adaptation to the laws of the Member States relating to the permissible sound level and exhaust systems for two or three-wheel motor vehicles

No. 97/24/EC including the last amendment 2006/120/EC dated 27-Nov.-2006 concerning chapter 9, annex III
Approval mark according to annex VI point 6.1.1

0. General information

0.1.	Make:	Termignoni
0.2.	Type:	**GR8V**
0.2.1.	Variants:	01 (with CAP opt.1) 02 (with CAP opt.2) 03 (with CAP opt.3)
0.3.	Name and address of manufacturer:	Termignoni S.r.l. Via della Rampina, 16 I-15077 Predosa (AL)
0.4.	Name and address of manufacturer's authorized representative:	N.A.

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0.5.	No. of information document: Date:	GR8V/97/24 rev. 00 30/05/2008
1.0.	Class of the vehicles the unit is used for:	Motorcycle - L3e (according to 2002/24/EC amended 2006/120/EC)
1.1.	Description of the vehicles the unit is used for:	Notice enclosure 2

2. Composition of the separate technical unit

2.1. Kind of technical unit:

Technical unit, consisting out of one silencer left, cone log with maximum diameter 119 mm, length 616,5 mm (without endcaps), absorption- reflection- principle with outlet pipe ∅ 43 according to drawing no. GR8V: SILENCER in combination with original header system.
Equipped with three different caps, one for each variant according to drawings GR8V SILENCER CAP OPT 1, GR8V SILENCER CAP OPT 2, GR8V SILENCER CAP OPT 3.

2.2.	Place of marking:	On the silencer, see drawing GR8V: SILENCER
2.3.	Assembly of the exhaust system for testing (no. of parts, enclosure 1):	Notice 3.4
2.4.	Position and direction of the tail pipe:	On the left side at the rear of the vehicle

3. Test report

The tests were carried out in 1 series A at 05/05/2008.

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3. **Test report** (continuation)

Series A: (no. 1)

3.1. Vehicle

	(0.1)	Make:	Moto Guzzi
3.1.1.	(0.2.)	Type / variant / version:	LS / E / 00
3.1.2.	(0.5.)	Manufacturer	Moto Guzzi
3.1.3. 3.1.3.1		Homologation no.: Extension:	e11*2002/24*0211 04
3.1.4.		Vehicle identification no.:	*ZGULSE0097M111120* (prototype)
3.1.5.		Year of manufacture:	2008
3.1.6.	(2.1)	Weight of the vehicle:	244 kg

3.2. (3.) Engine

3.2.1.	(3.0.)	Manufacturer:	notice 3.1.2
	(3.1.)	Make:	Moto Guzzi
3.2.2.	(3.1.1)	Type:	A5
3.2.3.		Engine capacity:	1151 cm^3
3.2.4.	(3.2.1.7)	Rated maximum engine power:	81,0 kW at 7500 min^{-1}

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3. **Test report** (continuation)

3.3. (4.) Transmission

	(4.1)	Drawing of transmission:	notice vehicle homologation no. s. 3.1.3.
3.3.1.	(4.2)	Kind of transmission:	mechanical
	(4.3)	Clutch (kind):	dry, multi disc
	(4.4)	Gearbox	
3.3.2.	(4.4.1)	Kind	mechanical
	(4.4.2)	Kind of activity:	foot shifted
3.3.4.		No of gears	6
3.3.5.	(4.5.)	Transmission ratios: primary / final	1:1,259 / 1:3,666
	(4.6.)	Top speed:	230 km/h
	(5.2.)	Tires: Front Rear	 120/70 ZR17 58W 180/55 ZR17 73W

3.4. Assembly of the exhaust system (no. of parts, enclosure 1): 1.0., c1., c2.1, c3., c4., c5.1 (for variant 01)
1.0., c1., c2.2, c3., c4., c5.2 (for variant 02)
1.0., c1., c2.3, c3., c4., c5.3 (for variant 03)

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3.5. Power measurement

3.5.1. The tested max. power and the engine speed are in the ± 5% tolerance in comparison with the original exhaust system.

3.5.2. Testing of top speed with non-original exhaust system:
Not applicable, because vehicle class : motorcycle

3.6. Conditioning

by pulsation

3.7. Test results

The results of
3.7.1. Sound testing
3.7.2. Power measurement
3.7.3. Top speed
3.7.4. Emission test
are attached in the enclosure 3.
The results of the sound tests with the original and non original exhaust systems fulfil point 3.5.2.1.1 of Directive 97/24/EC chapter 9, including last amendment 2006/120/EC. All motorcycles with the same serial exhaust system and same or fewer performance mentioned in enclosure 2, can be taken into the field of application due to the measurement with the above named motorcycle/s.

3.7.5. The described non-original exhaust system / technical unit is suitable for an application at the vehicles listed in enclosure 2.

3.7.6. The general specifications concerning point 35.1 of Directive 97/24/EC Chapter 9 (including last amendment 2006/120/EC) were checked and were fulfilled by the non original exhaust system / technical unit.

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4. Enclosures

Enclosure 1, Composition of the non original exhaust system (Page 1)

Enclosure 2, Field of application (Page 1)

Enclosure 3, Test results (Page 1)

5. Summary

The named information document and the described type correspond to the Directive 97/24/EC including the amendment 2006/120/EC chapter 9, annex III.
There are no technical objections against granting an EC Type-approval.

This test report contains the pages 1 to 6 and enclosures

Sachverständiger Prüflabor DIN EN ISO/IEC 17025 TÜV SÜD Automotive GmbH

Recognised Expert
Emmanuel Nucci

mp Sesto San Giovanni (MI),
the 30.05.2008

183857

VCA 19-Jun-08 UK Approval Authority

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Automotive

E N C L O S U R E 1 ***to test report no.*** **374-0063-08-ITA**
Type: **GR8V**
Manufacturer: **Termignoni S.r.l.**

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.
1.0.	header pipes	original parts	-
c1.	rear silencer	cone log with maximum diameter 119 mm; length without endcaps 616,5 mm	Drawing GR8V: SILENCER
c2.1.	drawing of composition option 1	notice drawing	Drawing GR8V: ASSEMBLY WITH “CAP” OPT 1
c2.2.	drawing of composition option 2	notice drawing	Drawing GR8V: ASSEMBLY WITH “CAP” OPT 2
c2.3.	drawing of composition option 3	notice drawing	Drawing GR8V ASSEMBLY WITH “CAP” OPT 3
c3.	reduction	notice drawing	Drawing GR8V: TAPPO ØInt.43
c4.	catalytic converter	notice drawing	Drawing CATALYTIC CONVERTER
c5.1.	cap option 1	notice drawing	Drawing GR8V: SILENCER CAP OPT 1
c5.2.	cap option 2	notice drawing	Drawing GR8V: SILENCER CAP OPT 2
c5.3.	cap option 3	notice drawing	Drawing GR8V: SILENCER CAP OPT 3

UK Approval Authority
19-Jun-08

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TÜV SÜD Automotive

E N C L O S U R E 2 ***to test report no.*** **374-0063-08-ITA**
Type: **GR8V**
Manufacturer: **Termignoni S.r.l.**

Field of application ***Page* 1/1**

No. of ve-hicle	Manufacturer	Make	Commercial name	Vehicle type (and no. of homologation)	Engine type	Stroke	Engine capacity in cm^3	Rated maximum engine power in kW/min^{-1}	Additional remarks:	Composition as shown in enclosure no. 1
1)	Moto Guzzi	Moto Guzzi	Griso 1200 8V	LS (e11*2002/24*0211*04)	A5	4-stroke	1151	81,0 / 7500	with cat.	1.0., c1., c2.1, c3., c4., c5.1
2)								78,0 / 7800		1.0., c1., c2.2, c3., c4., c5.2 1.0., c1., c2.3, c3., c4., c5.3

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Automotive

E N C L O S U R E 3 ***to test report no.*** **374-0063-08-ITA**
Type: **GR8V**
Manufacturer: **Termignoni S.r.l.**

Test results

- Noise and Power Test

					Sound levels driving vehicle in dB(A)					Sound levels stationary vehicle in dB(A)			
No. of vehicle	Engine power original kW/min^{-1}	Engine power non original kW/min^{-1}	Vmax original km/h	Vmax non original km /h	measured in gear ratio	Limit Value **)	Original mea-sured	Non original measured	at km/h	Vehicle type hom.	Original mea-sured	Non original measured	at min^{-1}
1) A*	81,0/7500	78,8/7500	-	-	2 / 3	80	81,00	81,00	50	94	96	93	3750

*) test series

**) Limit value of directive which was valid by vehicle type homologation

- Emission Test

Test Type I

Emission of gaseous pollutants in an urban cycle.

	CO [g/km]	HC [g/km]	NOx [g/km]	equivalent inertia [kg]
Test 1	0,666	0,141	0,062	320
Test 2				
Test 3				
Arithmetic mean	0,666	0,141	0,062	320
% of limit	33,3	47	41,33	
limits	2,0	0,3	0,15	

Test Type II

Emission of Carbon monoxide and hydrocarbon at normal idling speed:

Engine revolution [min^{-1}]	CO [%]	HC [ppm]	Oil temperature [K]
1100 ± 50	0,06	--	374
2200 ± 50	0,03	--	374

Note: the 3 differents variants tested give the same test results

UK Approval Authority
19-Jun-08

TERMIGNONI	**INFORMATION DOCUMENT** **N° GR8V/97/24 rev. 00**	**Date: 30/05/2008** **Page 1/2**

Information Document relating to EC type approval as separate technical unit of exhaust systems for motorcycles (Directive 97 / 24 / EC amended 2006 / 120 / EC)

1.	*Make (trade name of manufacturer)*:	Termignoni
2.	*Type and general commercial description:*	GR8V
3.	*Name and address of manufacturer:*	Termignoni S.rl. via della Rampina, 16 I-15077 Predosa (AL)
4.	*Name and address of manufacturer's authorized representative:*	*Not applicable*
5.	*Parts list:*	*Notice enclosure 1 of the test report*
6.	*Make and motorcycle type of the field of appication:*	*See list enclosed*
7.	*Restriction and instructions for installing:*	*Notice assembly manual and field of application*

Sachverständiger Prüflabor DIN EN ISO/IEC 17025 TÜV SÜD Automotive GmbH

Further details according to directive 97 / 24 / EC, chapter 9, annex III, enclosure 2 A including amendment 2006/120/EC are mentioned in the motorcycle homologation (notice enclosure 2 of the test report).

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Information Document relating to EC type approval as separate technical unit of exhaust systems for motorcycles (Directive 97 / 24 / EC amended 2006 / 120 / EC)

Enclosures:

		drawing no.	*date*
c1.	*Drawing of rear silencer*	GR8V: SILENCER	10/04/2008
c2.1.	*Drawing of composition*	GR8V:ASSEMBLY WITH “CAP” OPT 1	10/04/2008
c2.2.	*Drawing of composition*	GR8V:ASSEMBLY WITH “CAP” OPT 2	10/04/2008
c2.3.	*Drawing of composition*	GR8V:ASSEMBLY WITH “CAP” OPT 3	10/04/2008
c3.	*Drawing of reduction*	GR8V: TAPPO	01/04/2008
c4.	*Drawing of catalyst*	CATALYTIC CONVERTER	10/04/2008
c5.1	*Drawing of cap*	GR8V: SILENCER CAP OPT 1	10/04/2008
c5.2	*Drawing of cap*	GR8V: SILENCER CAP OPT 2	10/04/2008
c5.3	*Drawing of cap*	GR8V: SILENCER CAP OPT 3	10/04/2008
c6.	*List of vehicles*		
c7.	*Fitting instructions*		

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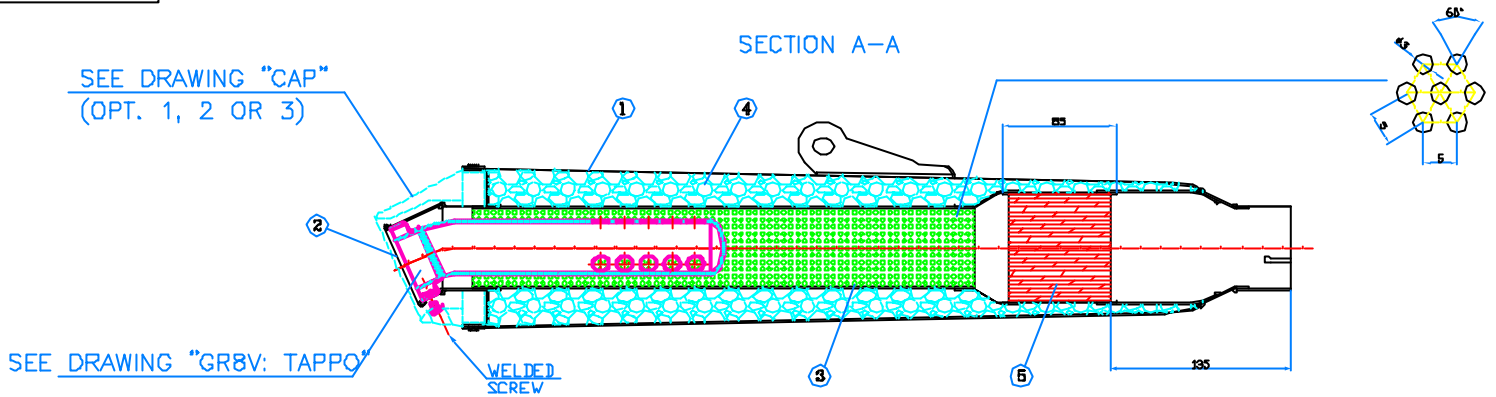
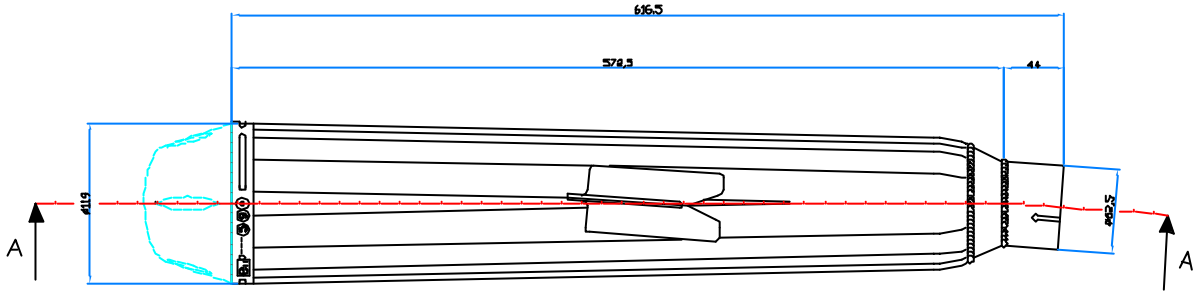
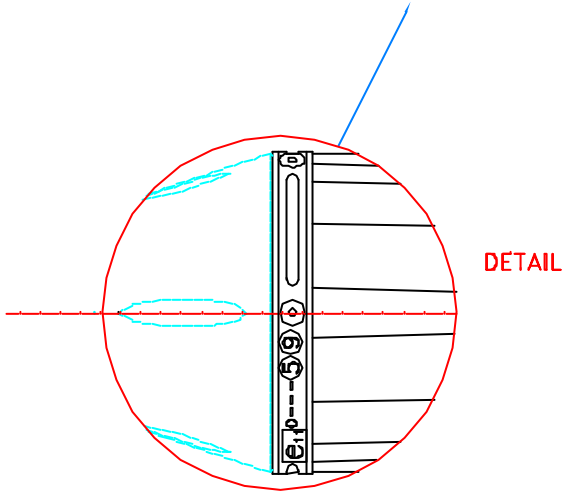
General tolerance: ±1mm







PART LIST

Nr	Part name	Material	Dimensions	Qt.
1	Shell	Stainless Steel	See drawing	1x
	or	Titanium	See drawing	1x
2	Outlet Pipes	Stainless Steel	ø 60x1- See dwg.	1x
	or	Titanium	ø 60x1- See dwg.	1x
3	Punched-holes pipe	Stainless Steel	ø 60x0.8	1x
	or	Titanium	ø 60x0.8	1x
4	Sound deadener	Fiberglass	720 gr.	1x
5	Catalytic Conv.	See drawing : "GR8V: Catalytic conv."		1x

SCALE: 1:1	Model: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
NAME: P.Pellizza	
Type: GR8V: SILENCER	

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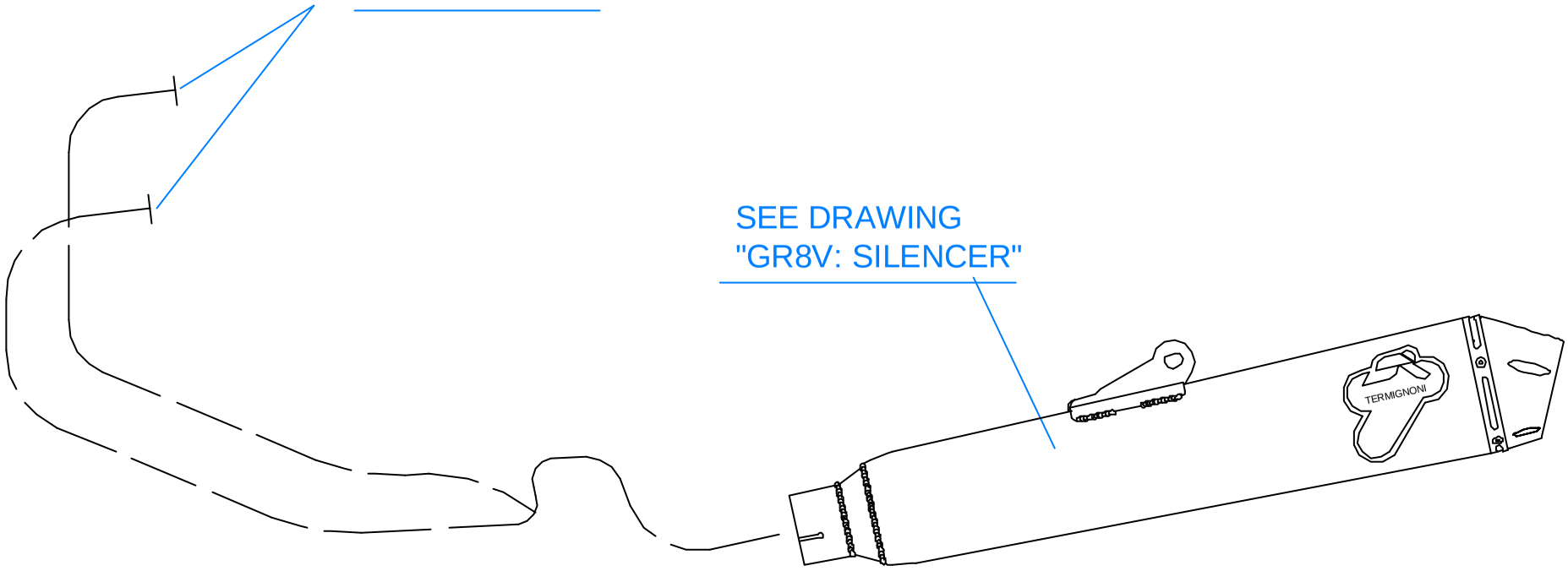
19-Jun-08

ORIGINAL
HEAD PIPES

SEE DRAWING
"GR8V: SILENCER"



SCALE:	MODEL: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
DESIGNER: P.Pelizza	
TYPE: GR8V: ASSEMBLY WITH "CAP" OPT 1	

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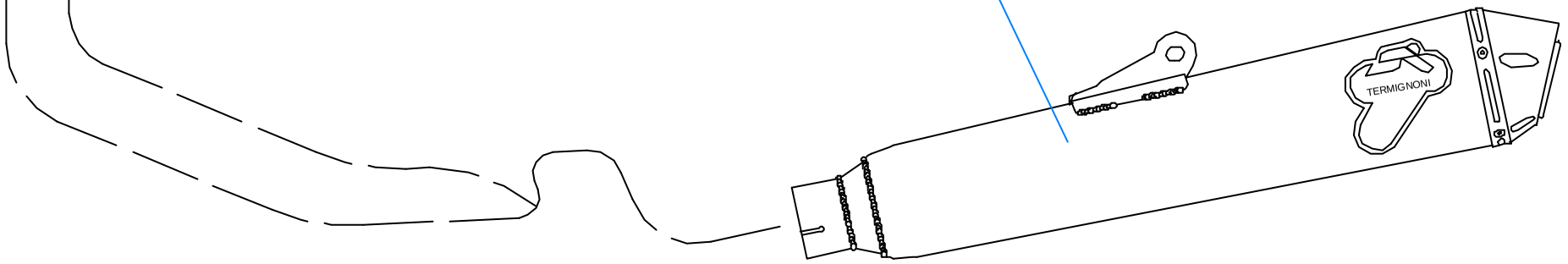
19-Jun-08

ORIGINAL
HEAD PIPES

SEE DRAWING
"GR8V: SILENCER"



SCALE:	**MODEL:** GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
DESIGNER: P.Pelizza	
TYPE: GR8V: ASSEMBLY WITH "CAP" OPT 2	

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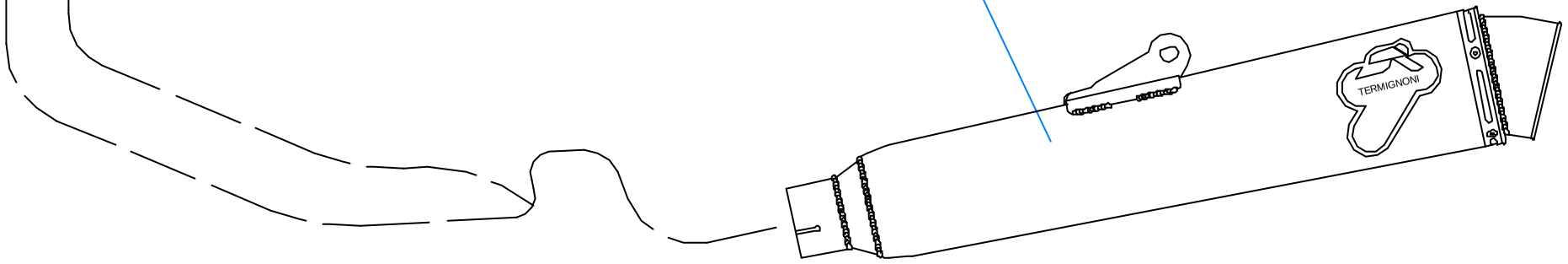
ORIGINAL
HEAD PIPES

SEE DRAWING
"GR8V: SILENCER"



SCALE:	MODEL: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
DESIGNER: P.Pelizza	
TYPE: GR8V: ASSEMBLY WITH "CAP" OPT 3	

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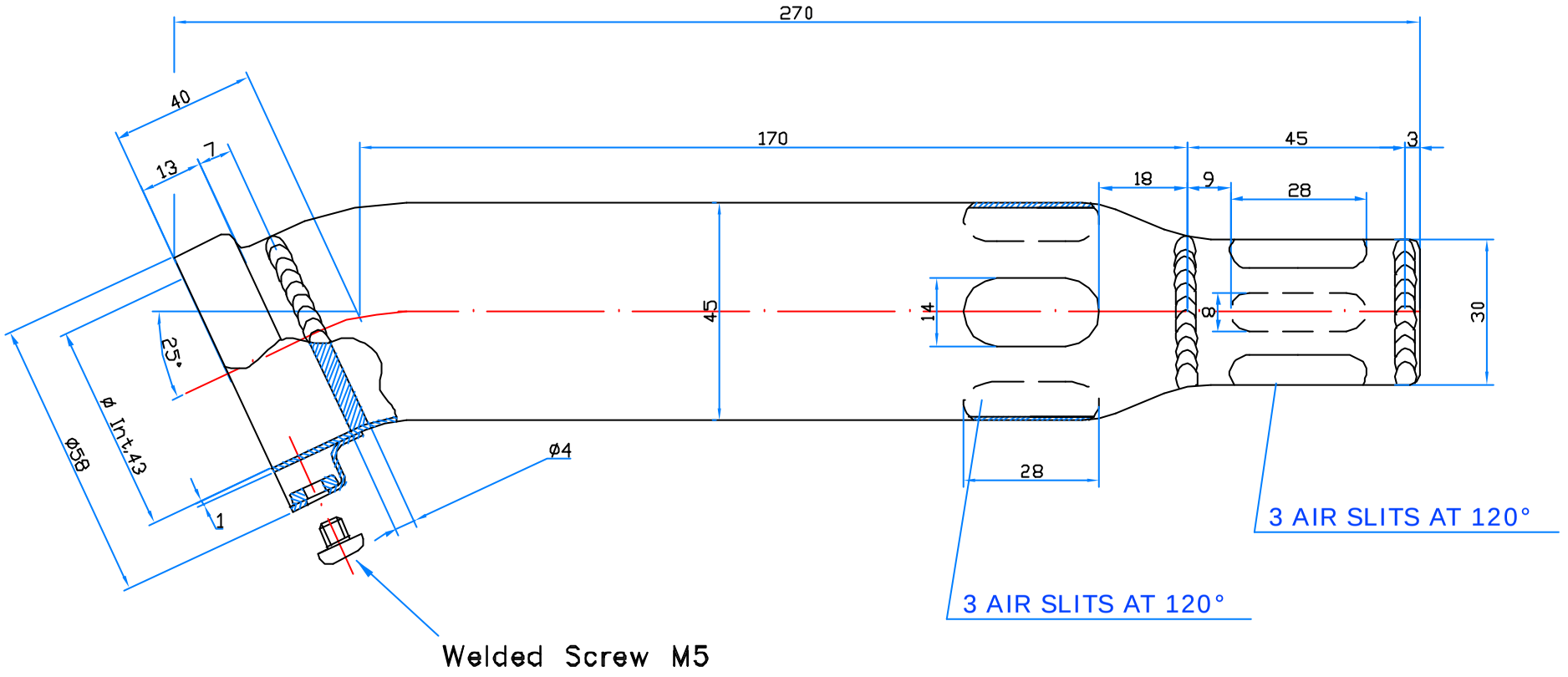
General tolerance: ±1mm

MATERIAL: S.Steel or Titanium



SCALA:	MODEL: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATUM: 01.04.08	
NAME: D.Zancanaro	
Type: GR8V: TAPPO	

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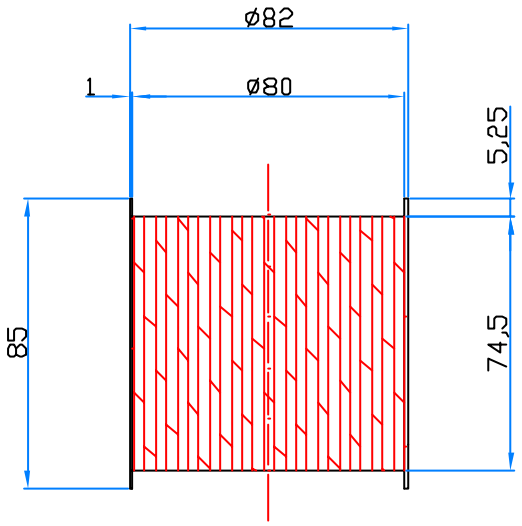

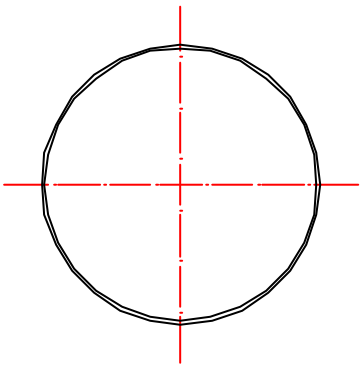

CHARACTERISTICS

DIMENSIONS : Øi 80x74,5 mm.
CPSI: 200
FORMULATION: Pt/Pd/Rh
Ratio: 1/28/1
Loading: 140g/ft3

SCALE: 1:1	***Type:*** GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
NAME: P.Pelizza	

CATALYTIC CONVERTER

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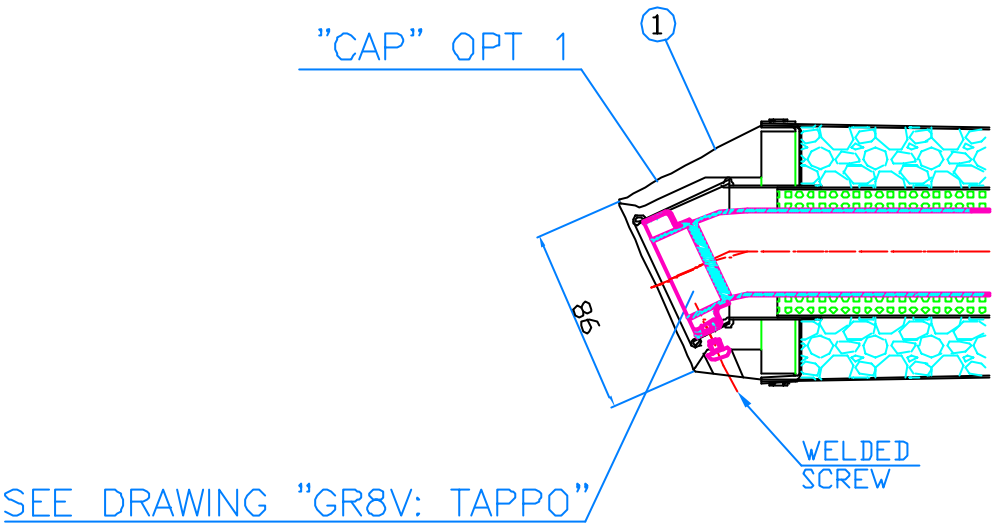
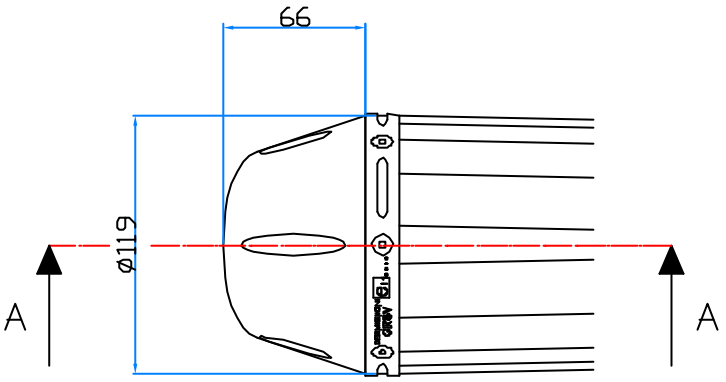
General tolerance: ±1mm

SECTION A–A





PART LIST

Nr	Part name	Material	DImensions	Qt.
1	Cap	Aluminium	See drawing	1 x

SCALE: 1:1	Type: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
NAME: P.Pelizza	

GR8V: SILENCER CAP OPT 1

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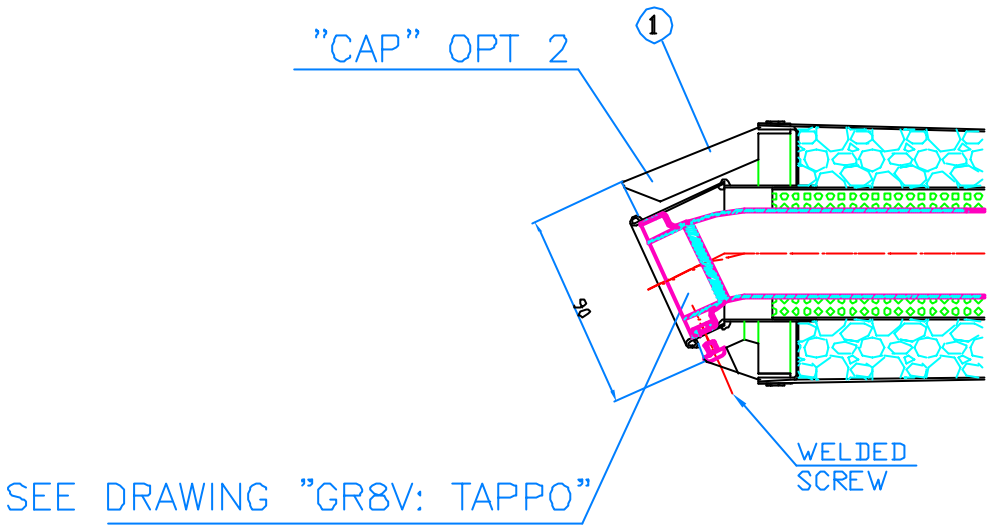
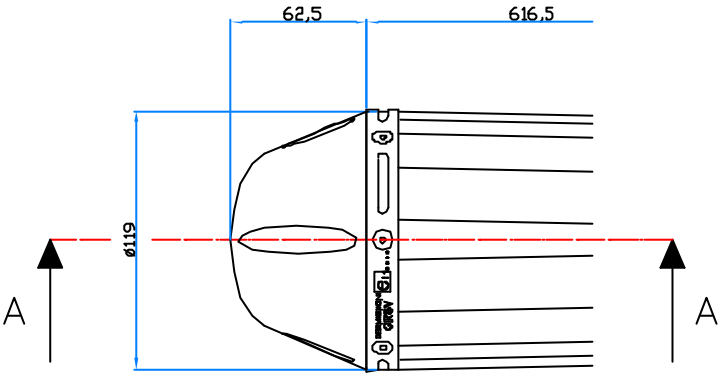
General tolerance: ±1mm

SECTION A–A





PART LIST

Nr	Part name	Material	DImensions	Qt.
1	Cap	Aluminium	See drawing	1 x

SCALE: 1:1	*Type:* GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤ ⑨
DATE: 10.04.08	
NAME: P.Pelizza	

GR8V: SILENCER CAP OPT 2

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19-Jun-08
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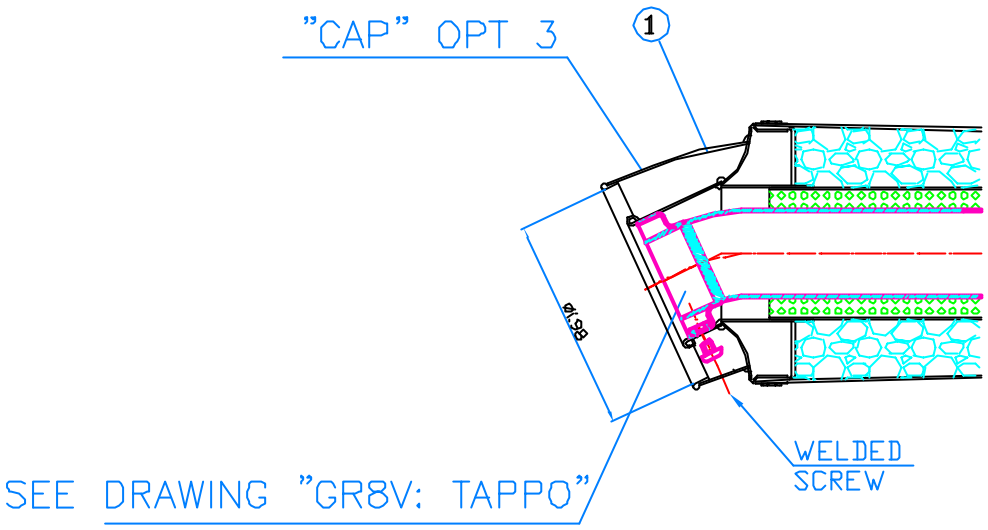
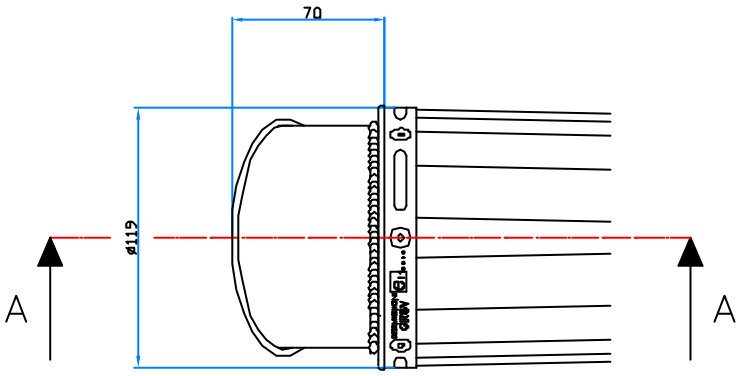
General tolerance: ±1mm

SECTION A–A





PART LIST

Nr	Part name	Material	DImensions	Qt.
1	Cap	Aluminium	See drawing	1 x

SCALE: 1:1	Type: GUZZI GRISO 8V 1 SIL STR G006 GR8V e11 0--- ⑤⑨
DATE: 10.04.08	
NAME: P.Pelizza	

GR8V: SILENCER CAP OPT 3

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INFORMATION DOCUMENT N° GR8V/97/24 rev. 00 - List of the vehicles

No. of ve-hicle	Manufacturer	Make	Commercial name	Vehicle type (and no. of homologation)	Engine type	Stroke	Engine capacity in cm^3	Rated maximum engine power in kW/min^{-1}	Additional remarks:	Composition as shown in enclosure no. 1
1)	Moto Guzzi	Moto Guzzi	Griso 1200 8V	LS (e11*2002/24*0211*04)	A5	4-stroke	1151	81,0 / 7500	with cat.	1.0., c1., c2.1, c3., c4., c5.1
2)								78,0 / 7800		1.0., c1., c2.2, c3., c4., c5.2 1.0., c1., c2.3, c3., c4., c5.3

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www.termignoni.it
P. IVA 00862780061

FITTING INSTRUCTIONS

for Termignoni exhaust systems

A. Dismantling the original exhaust system

1. Remove any casing parts impeding clear access.

2. Detach the silencer support(s) and the original silencer from the branch pipe and/or exhaust manifold.

B. Fitting Termignoni silencers

1. Fit the Termignoni silencer(s) to the original branch pipe, or use the Termignoni branch pipe to fit to 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.

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ISTRUZIONI DI MONTAGGIO

per impianti di scarico Termignoni

A. Smontaggio dell'impianto di scarico originale

1. Rimuovere eventuali parti del rivestimento in modo che non siano d'impaccio.

2. Smontare il/i supporto/i marmitta e la marmitta originale dal tubo di raccordo e/o dal collettore di scarico.

B. Montaggio della marmitta Termignoni

1. Montare la/le marmitta/e Termigoni sul tubo di raccordo originale o utilizzare il tubo di raccordo Termignoni sul collettore di scarico.

2. Fissare la/le marmitta/e con il/i supporto/i in dotazione al veicolo, ma non stringere a fondo le viti ed i bulloni.

3. Disporre l'impianto di scarico in modo tale che anche quando completamente inserito abbia una distanza minima di ca. 5 mm da tutti i componenti del veicolo.

4. Serrare tutti i collegamenti a vite.

5. Effettuare una prova di funzionamento del veicolo, verificare che tutti i collegamenti siano ben fissati, eventualmente stringere ulteriormente.

6. Dopo ca. 100 km controllare nuovamente tutti i collegamenti ed eventualmente stringere le viti ed i bulloni.

ATTENZIONE:
In caso di interventi sull'impianto di scarico dopo una prova di funzionamento, prestare attenzione alla superficie dell'impianto che potrebbe essere molto calda.

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