

Scheibner-Chassis-Certificate

by TrueFrameMeasurement.com

Company

SERVICE MIXAILIDHS
MPOUMPOULINAS 32 MENIDI



customer

PAPADOPOULOS ARISTIDHS

vehicle

YAMAHA

R1M

RN32

VIN: JYARN321012457218

mi: 25.832

result of geometry measurements (see table below): correct yes no

measurement from: 6/14/2018 3:31:27 PM

mega-m.a.x.: 558001



main frame:

	index data	measure.	deviation	tolerance	ok?
camber (°)	0.00	-0.07	-0.07	+/- 0.30	yes
steering head angle(°):	24.00	23.84	-0.16	+/- 0.50	yes
length A (mm):	615.0	612.6	-2.2	+/- 3.0	yes
length B (mm):	315.0	315.4	0.4	+/- 1.5	yes
long. axis setting (mm)		0.4			

symm. corr. (mm):
corr. m.height (mm):

System-information	
	0.0
	0.0
	0.4
	0.6
	-0.7
	86.60
	689.2

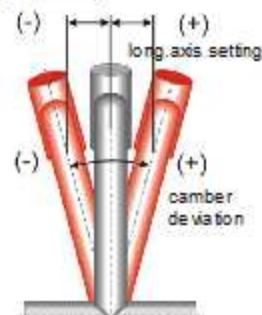
tail:

offset tail (mm)	0.0	0.6	0.6	+/- 4.0	yes
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swing arm:

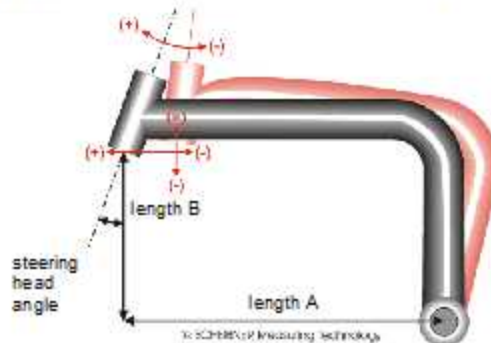
offset rear wheel (mm):		-0.7			
distortion (°):	0.00	0.00	0.00	+/- 0.40	yes
misalignment (°):		0.00			

rear view



© SCHEIBNER Measuring Technology

side view



© SCHEIBNER Measuring Technology

Version Software:	
2.43.12(
x86)	
86.60	
689.2	
106.30	
139.98	
140.00	
45.1	
71.3	
5	
12	
106.30	



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signature

measuring protocol



f.e.in front fork diagnosis

D 38126 Braunschweig
tel 0531.790259

vehicle:

date: 6/14/2018
manufacturer: YAMAHA
model: R1M
VIN: JYA3210124571812

readings:

length of inner tube (standion)	470.00 mm
distance between upper and lower yoke (triple clamps)	198.00 mm
inner tube left: difference between max and min values of measured rock	1.00 mm
inner tube right: difference between max and min values of measured rock	0.15 mm
measured rock of lower yoke	mm

results:

	actual	given	deviation	tolerance	results
inner tube left: bow	0.57 mm	0,00 mm	0.57 mm	0.10 mm	not true
inner tube right: bow	0.09 mm	0,00 mm	0.09 mm	0.10 mm	true
lower yoke: distortion	*	0,00°	*	0.15°	---

notes:

datesignature.....

Scheibner-Scooter-Measurement

company:

SERVICE MIXAILIDHS
MPOUMPOULINAS 32 MENIDI



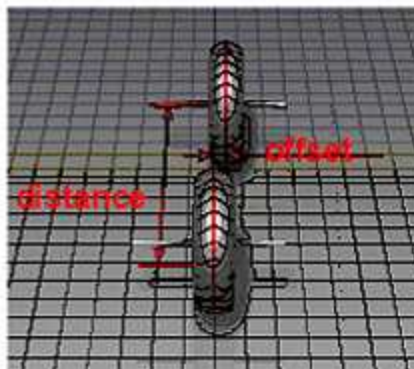
customer: PAPANOPOULOS ARISTIDHS

vehicle: VIN ZDCKF13D0GF202327
 manufacturer Honda model ZDCKF13
 capacity 150 date registration 2015
 type SH 150 ABS milage (km) 31700

result: **Frame, subframe swingarm and front fork ok:** yes no

measurement from: 2/27/2018 4:50:08 PM

	ref. index data	meas. values	deviation	tolerance (+/-)	result ok?
camber (°)	0	0.5	0.5	0.8	yes
distance (mm)	1342	1341	-2	4	yes
offset (mm)	0	2	2	10	yes



system information	23	29	675	513	7	7	2	434	83	27.7
	2111081109				7	7	1	434	90	26.3

signature:

Scheibner-Chassis-Maximising-System

Company

SERVICE MIXAILIDHS

MPOUMPOULINAS 32 MENIDI



customer

PAPADOPOULOS ARISTIDHS

vehicle

YAMAHA

R1M

VIN. JYAR N321012457218

RN32

mileage: 25,832

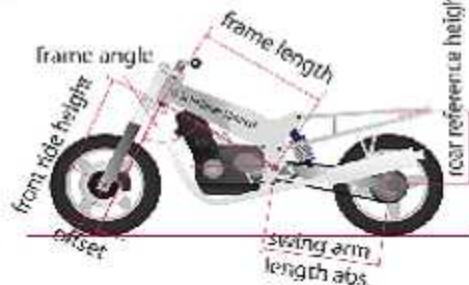
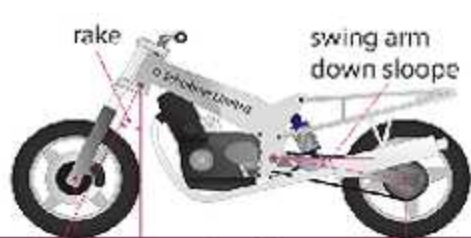
results to road plane

rake (°)	23.0
trail (mm)	94.1
offset (mm)	31.0
swing arm down slope (°)	11.1
front ride height (mm)	501.9
length swing arm abs. (mm)	595.5
rear reference height (mm)	528.0
wheel base (mm)	1426.3
front wheel diameter (mm)	603.2
rear wheel diameter (mm)	662.7

CMS notes

CMS input data

circ. front wheel (mm)	1895.0
circ. rear wheel (mm)	2082.0
height front w.ax. (mm)	88.9
height rear w.ax. (mm)	120.0
rear height (mm)	528.0
distance front (mm)	841.8
distance rear (mm)	584.5



height front wheel axle (mm)	301.6
height rear wheel axle (mm)	331.4
front height (mm)	751.6
height swing arm axle (mm)	445.6

internal data (relates to CMS plane):

distance wheels (mm)	1426.6
distance front (mm)	841.8
distance rear (mm)	584.5

m.a.x.-measurement

6/14/2018 3:31:27 PM	camber (°)	-0.07
m.a.x.: 558001	frame angle (°)	88.80
CMS: 2058	frame length (mm)	689.2
	CMS angle (°)	87.09
	offset of midplane (mm)	0.4



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CMS-Simulation

customer PAPADOPOULOS ARISTIDHS

vehicle YAMAHA R1M RNS2 VIN:JYARN3210D457218 mileage 25,832

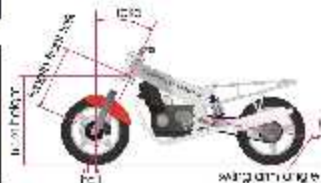
results to road plane

rake (°)	23.0	23.0	0.0
trail (mm)	94.1	94.1	0.0
wheel base (mm)	1426.3	1426.3	0.0
swing arm angle (°)	11.1	11.1	0.0
length swing arm (mm)	595.5	595.5	0.0
front height (mm)	751.6	751.6	0.0
length front fork (mm)	501.9	501.9	0.0
height front wheel axle (mm)	301.6	301.6	0.0
height swing arm axle (mm)	445.6	445.6	0.0
height rear wheel axle (mm)	331.4	331.4	0.0



CMS measurement

circ.front wheel (mm)	1895.0	1895.0	0.0
circ.rear wheel (mm)	2082.0	2082.0	0.0
rear height (mm)	528.0	528.0	0.0
offset (mm)	31.0		



m.a.x.-measurement

6/14/2018 3:31:27 PM	camber (°)	-0.07	CMS angle (°)	67.1
m.a.x.: 558001	frame angle (°)	86.60	offset of susp.(mm)	04
CMS: 2058	frame length (mm)	689.2		