



# Chassis Alignment Test Sheet



Branch Agency -- Firm no.

Customer **MOISES VILLAR**

Vehicle ident no. WDDGF7HB7BF529446	Repair order no. 202686
Measurement carried out: Name Manager	Date 14.8.14

License plate no. 432TND	First reg. date Model Mercedes-Benz 2008-11 204 (C) AMG M156 -03/2011	Odometer reading: km/miles 54205
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Complaints or reason for alignment check

Tire make CONTINENTAL	Tire designation	Tire performance: km/miles
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		Front left	Front right	Rear left	Rear right
Tire air pressure (cold tires) bar/psi/kPa		39,0	39,0	39,0	39,0
Tire tread depth (mm)	outside				
	center				
	inside				
		Before correction	Target Data	After correction	
Front axle vehicle level ready for driving (mm/°)	left	-13mm/5.4°	6.5° +/-1.5°	-13mm/5.4°	
	right	-13mm/5.3°		-13mm/5.3°	
Shock tube length (mm)	left				
	right				
Ball point location (mm)	left				
	right				
Rear axle vehicle level ready for driving (mm/°)	left	-5mm/-0.1°	0.7° +/-1.0°	-5mm/-0.1°	
	right	-7mm/-0.3°		-7mm/-0.3°	
Control point with level control (mm/°)					
Rear axle	Camber +/- (°)	left	-1°47'	-1°35' +/-0°30'	-1°45'
		right	-1°47'	-1°37' +/-0°30'	-1°40'
	Caster (°)	left			
		right			
	Toe +/- (°)	total	-0°04' *	0°48' +/-0°07'	0°47'
		left	0°02' *	0°24' +/-0°07'	0°21'
	right	-0°06' *		0°25'	
Geometrical driving axis		0°04'	0°00' +/-0°15'	-0°02'	
Camber +/- (°) (with toe 0)	left	-1°27'	-1°30' +/-0°22'	-1°27'	
	right	-1°28'	-1°30' +/-0°22'	-1°27'	
Caster (°) by way of steering lock	left	11°00'	10°54' +/-0°30'	11°02'	
	right	11°12'	10°57' +/-0°30'	11°10'	
Track diff. angle +/- (°) right wheel lock 20° left wheel lock 20°		-1°28'	-1°30' +/-0°30'	-1°29'	
		-1°19'		-1°20'	
Front axle	Setback	-0°02'		-0°02'	
	Toe +/- (°) Unpressed	total	0°29'		0°15'
		total	0°28' *	0°12' +/-0°10'	0°15'
	Pressed	left	0°17' *	0°06' +/-0°05'	0°09'
right		0°11'	0°07'		
Maximum steering lock on curve inside wheel (°)			-44°00'		

ed = manually entered      \* Measurement is out of tolerance.      d = exceeds cross-tolerance

HTA-MB-R

WinAlign 14.1

MB Version 2.0

Spec: 2.04

Daimler AG Vertrieb Personenwagen  
D-70322 Stuttgart

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# Chassis Alignment Test Sheet



Branch Agency -- Firm no.

Customer **MOISES VILLAR**

Vehicle ident no.  
WDDGF7HB7BF529446

Repair order no.  
202686A

Measurement carried out: Name  
Manager

Date  
15.8.14

License plate no.  
432TND

First reg. date Model

Mercedes-Benz 2008-11 204 (C) AMG M156 -03/2011

Odometer reading: km/miles

54210

Complaints or reason for alignment check

Tire make  
CONTINENTAL

Tire designation

Tire performance: km/miles

Tire air pressure (cold tires) bar/psi/kPa		Front left	Front right	Rear left	Rear right		
		39,0	39,0	39,0	39,0		
Tire tread depth (mm)	outside						
	center						
	inside						
		Before correction	Target Data	After correction			
Front axle vehicle level ready for driving (mm/°)	left	-13mm/5.4° ed	6.5° +/-1.5°	-13mm/5.4° ed			
	right	-13mm/5.3° ed		-13mm/5.3° ed			
Shock tube length (mm)	left						
	right						
Ball point location (mm)	left						
	right						
Rear axle vehicle level ready for driving (mm/°)	left	-5mm/-0.1° ed	0.7° +/-1.0°	-5mm/-0.1° ed			
	right	-7mm/-0.3° ed		-7mm/-0.3° ed			
Control point with level control (mm/°)							
Rear axle	Camber +/- (°)	left	-1°39'	-1°35'	+/-0°30'	-1°37'	
		right	-1°33'	-1°37'	+/-0°30'	-1°32'	
	Caster (°)	left					
		right					
	Toe +/- (°)	total	0°52'	0°48'	+/-0°07'	0°50'	
		left	0°24'	0°24'	+/-0°07'	0°23'	
right		0°27'	0°27'				
Geometrical driving axis		-0°02'	0°00'	+/-0°15'	-0°02'		
Camber +/- (°) (with toe 0)	left	-1°23'	-1°30'	+/-0°22'	-1°27'		
	right	-1°25'	-1°30'	+/-0°22'	-1°27'		
Caster (°) by way of steering lock	left	10°59'	10°54'	+/-0°30'	10°39'		
	right	11°09'	10°57'	+/-0°30'	11°08'		
Track diff. angle +/- (°) right wheel lock 20° left wheel lock 20°		-1°30'	-1°30'	+/-0°30'	-1°26'		
		-1°23'			-1°19'		
Front axle	Setback	total	0°00'		-0°07'		
		Unpressed	total	0°19'		0°18'	
	Toe +/- (°)	total	0°17'	0°12'	+/-0°10'	0°18'	
		Pressed	left	0°09'	0°06'	+/-0°05'	0°08'
			right	0°08'			0°11'
	Maximum steering lock on curve inside wheel (°)	left					
right			-44°00'				

ed = manually entered

\* Measurement is out of tolerance.

d = exceeds cross-tolerance

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