



Chassis Alignment Test Sheet



Branch Agency -- Firm no.

Customer

RAVI CHOKSHI

Vehicle ident no.
WDDDJ76X26A034171Repair order no.
T420Measurement carried out: Name
ManagerDate
17.9.12License plate no.
SXE16R

First reg. date Model

Mercedes-Benz 06-11 219 (CLS) Air Suspension AMG Models
87518

Odometer reading: km/miles

Complaints or reason for alignment check

Tire make		Tire designation		Tire performance: km/miles				
MICH		PILOT SPT		Front left	Front right	Rear left	Rear right	
Tire air pressure (cold tires) bar/psi/kPa								
		outside		9,0mm	9,0mm	9,0mm	9,0mm	
		center		9,0mm	9,0mm	9,0mm	9,0mm	
		inside		9,0mm	9,0mm	9,0mm	9,0mm	
Tire tread depth (mm)								
				Before correction	Target Data	After correction		
Front axle vehicle level ready for driving (mm/°)		left			2.0° +/-1.6°			
		right						
Shock tube length (mm)		left						
		right						
Ball point location (mm)		left						
		right						
Rear axle vehicle level ready for driving (mm/°)		left			-2.1° +/-1.1°			
		right						
Control point with level control (mm/°)								
Rear axle	Camber +/- (°)	left		-1°46'		+/-0°30'	-1°58'	
		right		-2°13'			-2°26'	
	Caster (°)	left						
		right						
Toe +/- (°)	total			0°09' *	0°20'	+/-0°07'	-0°46' *	
	left			-0°52' *	0°10'	+/-0°07'	-0°50' *	
		right		1°02' *			0°04'	
Geometrical driving axis				-0°57' *	0°00'	+/-0°15'	-0°27' *	
Front axle	Camber +/- (°) (with toe 0)	left		-2°01' d		+0°10' -0°30'		
		right		-3°14' d				
	Caster (°) by way of steering lock	left		11°50' d			+/-0°30'	
		right		11°01' d				
	Track diff. angle +/- (°) right wheel lock 20° left wheel lock 20°				-1°31'	-1°49'	+/-0°30'	
					-2°00'			
	Setback				0°01'			-0°03'
								0°10'
	Toe +/- (°)	Unpressed	total		-0°19'			0°10'
			total		0°09'	0°10'	+/-0°06'	0°10'
		Pressed	left		0°05'		0°05'	
			right		0°04'	0°05'	+/-0°03'	0°05'
Maximum steering lock on curve inside wheel (°)		left			-43°00'			
		right						

ed = manually entered

* Measurement is out of tolerance.

d = exceeds cross-tolerance

HTA-MB-R

WinAlign 11.0.1

MB Version 2.0

Spec: V1.20

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WDDDJ76X26A034171

Repair order no.
3

Measurement carried out: Name
Manager

Date
18.9.12

License plate no.
SXE16R

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Odometer reading: km/miles

87518

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Tire make MICH Tire designation Tire performance: km/miles

Tire air pressure (cold tires) bar/psi/kPa		Front left	Front right	Rear left	Rear right
		outside	9,0mm	9,0mm	9,0mm
Tire tread depth (mm)	center	9,0mm	9,0mm	9,0mm	9,0mm
	inside	9,0mm	9,0mm	9,0mm	9,0mm

		Before correction	Target Data	After correction	
Front axle vehicle level ready for driving (mm/°)	left		2.0° +/-1.6°		
	right				
Shock tube length (mm)	left				
	right				
Ball point location (mm)	left				
	right				
Rear axle vehicle level ready for driving (mm/°)	left		-2.1° +/-1.1°		
	right				
Control point with level control (mm/°)					
Rear axle	Camber +/- (°)	left		+/-0°30'	
		right			
	Caster (°)	total	0°20'	+/-0°07'	
Front axle	Toe +/- (°)	left	0°10'	+/-0°07'	
		right			
	Geometrical driving axis		0°00'	+/-0°15'	
Camber +/- (°) (with toe 0)	left		+0°10'	-0°30'	
	right				
Caster (°) by way of steering lock	left		+/-0°30'		
Track diff. angle +/- (°) right wheel lock 20° left wheel lock 20°			-1°49'	+/-0°30'	
Front axle	Setback	Unpressed total	0°10'	+/-0°06'	
		Pressed total	0°07'	+/-0°06'	
	Toe +/- (°)	left	0°03'	0°05'	+/-0°03'
		right	0°04'		
Maximum steering lock on curve inside wheel (°)	left		-43°00'		
	right				

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

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