

CCD SENSOR WHEEL ALIGNMENT SYSTEM

Customer:		Reg. N.:	SMW3397K
Description:	MERCEDES BENZ S117 CLA	Repair order no.	
Reference Diameter:	18"	Mileage:	km
Working Notes:			
Date:	22/12/2022	Time:	11.47.01
Operator:	alan HONG		

FRONT AXLE

	Databank				Previous Values		Final Values	
	LH		RH		LH	RH	LH	RH
Total toe	Min.	Max.	Min.	Max.				
	+0.3mm			+3.0mm	+0.8mm		+1.8mm	
Half-toe	+0.2mm	+1.5mm	+0.2mm	+1.5mm	+1.8mm	-1.0mm	+0.8mm	+1.0mm
Max Dif.								
Camber	-01.33°	-00.67°	-01.33°	-00.67°	-01.57°	-00.83°	-01.35°	-01.07°
Max Dif.	-00.33°			+00.33°	-00.74°		-00.28°	
Caster	+06.46°	+07.46°	+06.46°	+07.46°	+06.39°	+06.76°	+06.25°	+06.96°
Max Dif.	-00.50°			+00.50°	-00.37°		-00.71°	
King-pin angle					+13.65°	+12.12°	+13.65°	+12.12°
Max Dif.								
Included angle					+12.08°	+11.29°	+12.30°	+11.05°
Steering angle diff. at 20°								
Max Int. Steering Angle								
Max Ext. Steering Angle								
Set Back								

REAR AXLE

	LH		RH		LH	RH	LH	RH
Total toe	Min.	Max.	Min.	Max.				
	+0.4mm			+2.3mm	-0.3mm		-0.3mm	
Half-toe	+0.2mm	+1.2mm	+0.2mm	+1.2mm	-0.6mm	+0.3mm	-0.6mm	+0.3mm
Max Dif.	-1.0mm			+1.0mm	-1.0mm		-1.0mm	
Camber	-02.08°	-01.08°	-02.08°	-01.08°	-01.78°	-01.15°	-01.54°	-01.36°
Max Dif.	-00.50°			+00.50°	-00.63°		-00.18°	
Set Back					-00.48°		-00.46°	
Thrust angle	-00.12°			+00.12°	-00.06°		-00.06°	
Track difference					-00.06°		-00.08°	