

NATIONAL TIRE and BATTERY #570

159 DEFENSE HIGHWAY
ANNAPOLIS, MD. 21401

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Customer:	Date:	12/15/2011 5:04:30 PM
Company:	VIN	
License No:	Technician:	
Odometer:	Order No.:	

VEHICLE ALIGNMENT REPORT

MERCEDES-BENZ, 2002, 211 E Class (W211) Europe / USA Steel Suspension , Code -954 / (954+485)

Primary Angles			Initial	Specifications		Final
				Min.	Max.	
Front	Caster	Left	4.2°	10.6°	11.6°	4.0°
		Right	4.5°	10.6°	11.6°	4.4°
	Camber	Left	-0.5°	-1.3°	-0.7°	-0.4°
		Right	-0.8°	-1.3°	-0.7°	-0.8°
	Toe	Left	0.40°	0.05°	0.15°	0.00°
		Right	0.35°	0.05°	0.15°	0.00°
Total		0.75°	0.05°	0.25°	0.00°	
Rear	Camber	Left	-0.7°	-1.7°	-0.7°	-0.7°
		Right	-1.0°	-1.7°	-0.7°	-0.9°
	Toe	Left	0.25°	0.00°	0.20°	0.25°
		Right	0.15°	0.00°	0.20°	0.15°
		Total	0.40°	0.10°	0.30°	0.40°
	Thrust Angle		-0.1°	-0.3°	0.3°	-0.1°
Secondary Angles			Initial	Specifications		Final
				Min.	Max.	
SAI	Left		17.5°	----	----	19.9°
	Right		7.6°	----	----	4.5°
Included Angle	Left		17.0°	----	----	19.5°
	Right		6.8°	----	----	3.7°
Toe Out On Turns	Left		----	1.3°	2.3°	----
	Right		----	1.3°	2.3°	----
Maximum Turns	Left		----	43.0°	43.0°	----
	Right		----	43.0°	43.0°	----
Toe Curve Change	Left		----	----	----	----
	Right		----	----	----	----
Setback	Front		-0.3"	----	----	-0.2"
	Rear		-0.2"	----	----	-0.2"
Track Width Diff.			0.5"			0.5"
Wheel Base Diff.			-0.2"			-0.1"
Front Ride Height	Left		0.0"	0.3"	1.1"	0.0"
	Right		0.0"	0.3"	1.1"	0.0"
Rear Ride Height	Left		0.0"	0.5"	1.3"	0.0"
	Right		0.0"	0.5"	1.3"	0.0"
Frame Angle						----