

Elden Collision

45911 Transamerica Plaza
Sterling, VA 20166

Phone Number: 703-478-9805

Fax Number:

Customer:

Company:

License NO: VHE-4818

Odometer:

Date:

8/21/2015 4:20 PM

VIN

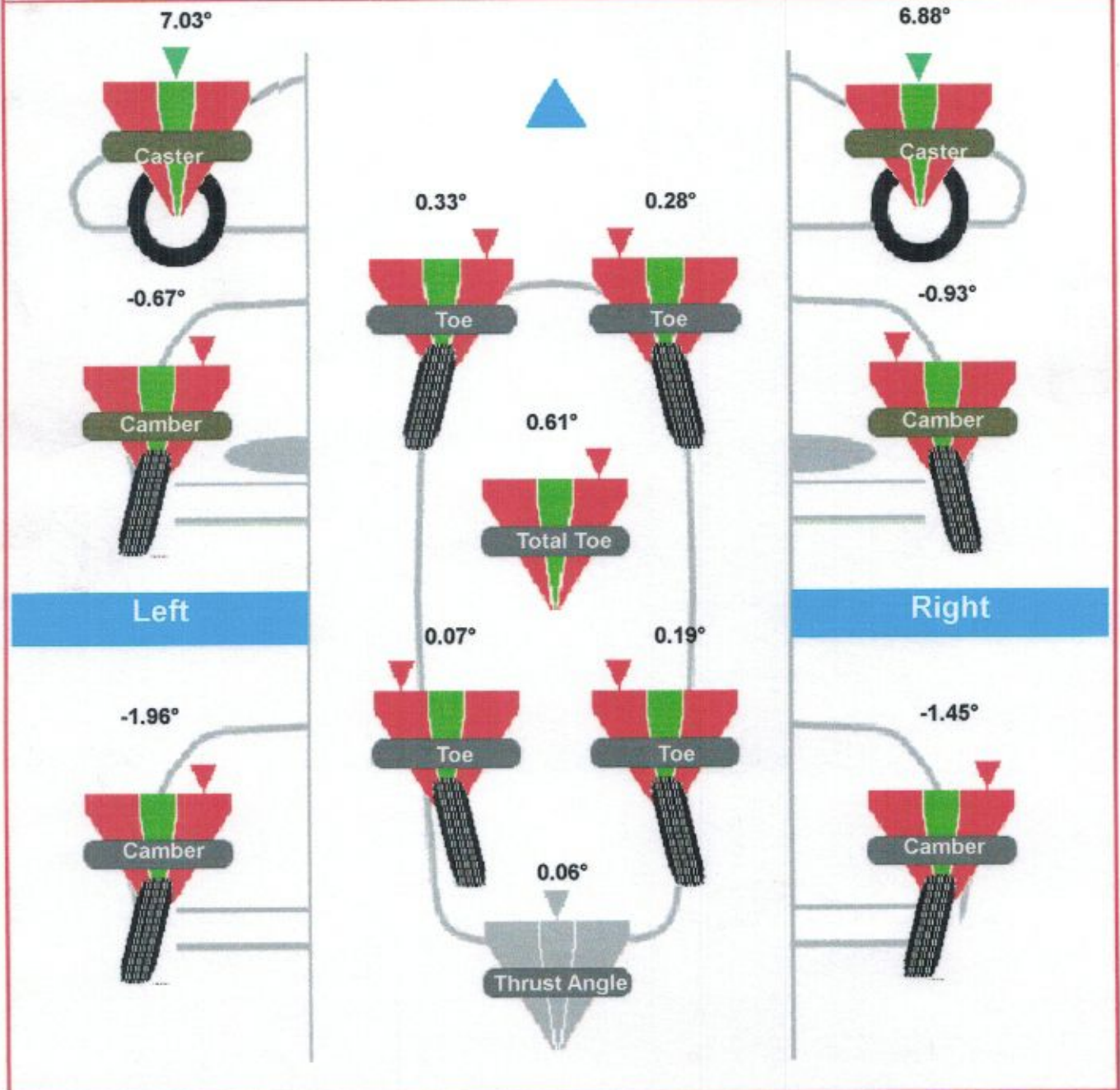
Technician:

MAIC

Order NO:

VEHICLE ALIGNMENT REPORT

BMW, 2006, X SERIES (X5-E53), 4.8is Sports Suspension 2-Axle Air Spring Chassis 20" Wheels



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Primary Angles			Initial	Specifications		Final
				Min.	Max.	
Front	Caster	Left	7.05°	6.60°	7.60°	7.03°
		Right	6.90°	6.60°	7.60°	6.88°
	Camber	Left	-0.67°	-0.62°	0.22°	-0.67°
		Right	-0.93°	-0.62°	0.22°	-0.93°
	Toe	Left	0.33°	0.12°	0.19°	0.33°
		Right	0.28°	0.12°	0.19°	0.28°
Total		0.61°	0.23°	0.37°	0.61°	
Rear	Camber	Left	-1.96°	-1.92°	-1.75°	-1.96°
		Right	-1.45°	-1.92°	-1.75°	-1.45°
	Toe	Left	0.07°	0.12°	0.19°	0.07°
		Right	0.21°	0.12°	0.19°	0.19°
		Total	0.28°	0.23°	0.37°	0.26°
	Thrust Angle		0.07°	0.20°		0.06°
Secondary Angles			Initial	Specifications		Final
				Min.	Max.	
SAI	Left		9.92°	----	----	9.92°
	Right		8.65°	----	----	8.65°
Included Angle	Left		9.25°	----	----	9.25°
	Right		7.72°	----	----	7.72°
Toe Out On Turns	Left		----	1.08°	2.08°	----
	Right		----	1.08°	2.08°	----
Max Turn Inside	Left		----	37.10°	37.10°	----
	Right		----	37.10°	37.10°	----
Toe Curve Change	Left		----	----	----	----
	Right		----	----	----	----
Setback	Front		-0.14"	----	----	-0.09"
	Rear		-0.12"	----	----	-0.16"
Track Width Diff.			-2.36"			-2.37"
Wheel Base Diff.			-0.01"			0.07"
Front Ride Height	Left		----	27.48"	28.27"	----
	Right		----	27.48"	28.27"	----
Rear Ride Height	Left		----	27.48"	28.27"	----
	Right		----	27.48"	28.27"	----
Frame Angle						----

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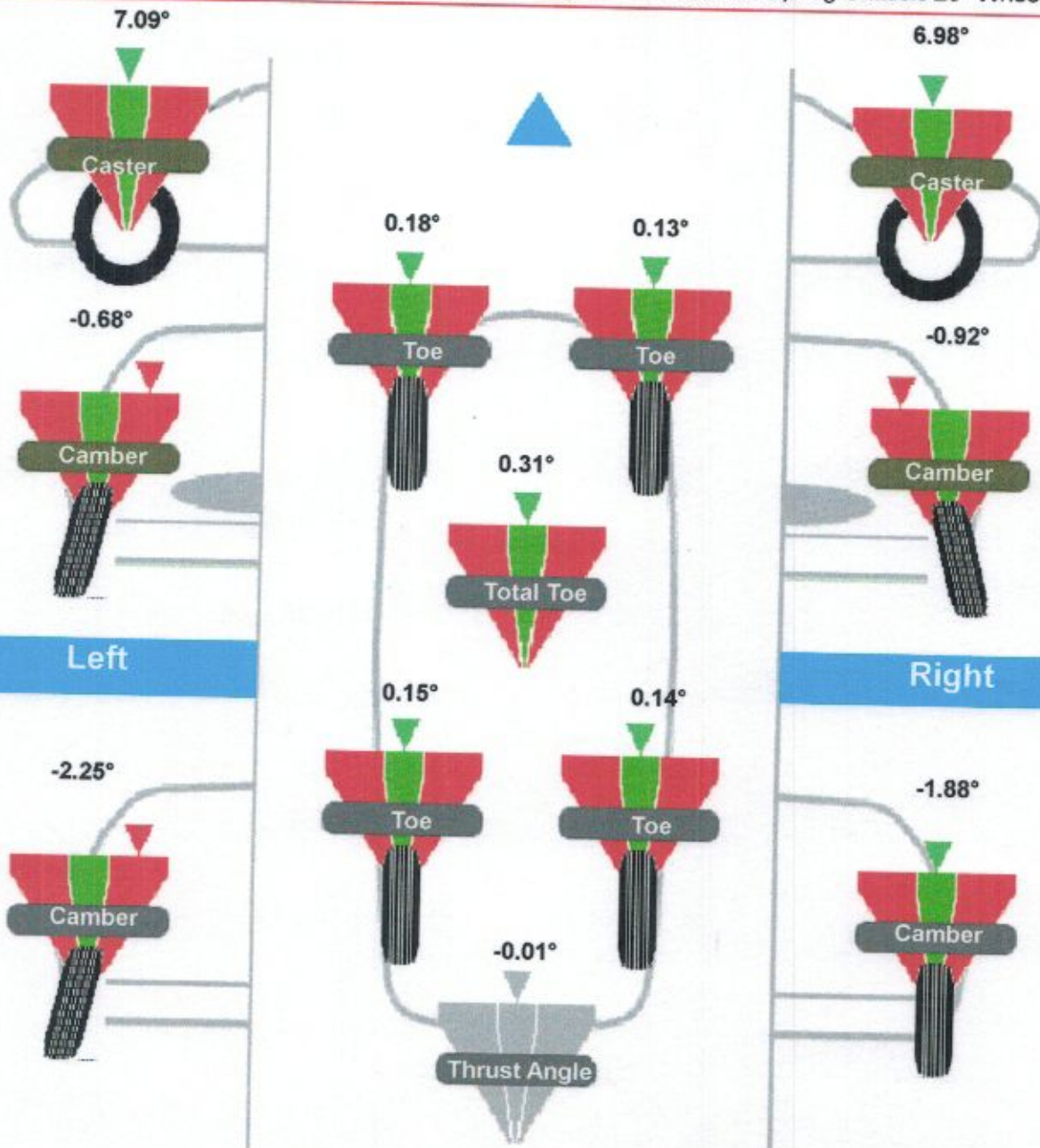
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Primary Angles

Primary Angles			Initial	Specifications		Final
				Min.	Max.	
Front	Caster	Left	7.05°	6.60°	7.60°	7.09°
		Right	6.90°	6.60°	7.60°	6.98°
	Camber	Left	-0.67°	-0.62°	0.22°	-0.68°
		Right	-0.93°	-0.62°	0.22°	-0.92°
	Toe	Left	0.33°	0.12°	0.19°	0.18°
		Right	0.28°	0.12°	0.19°	0.13°
Total		0.61°	0.23°	0.37°	0.31°	
Rear	Camber	Left	-1.96°	-1.92°	-1.75°	-2.25°
		Right	-1.45°	-1.92°	-1.75°	-1.88°
	Toe	Left	0.07°	0.12°	0.19°	0.15°
		Right	0.21°	0.12°	0.19°	0.14°
		Total	0.28°	0.23°	0.37°	0.29°
	Thrust Angle		0.07°	0.20°		-0.01°
Secondary Angles						

Secondary Angles

Secondary Angles		Initial	Specifications		Final
			Min.	Max.	
SAI	Left	9.92°	----	----	9.92°
	Right	8.65°	----	----	8.65°
Included Angle	Left	9.25°	----	----	9.24°
	Right	7.72°	----	----	7.73°
Toe Out On Turns	Left	----	1.08°	2.08°	----
	Right	----	1.08°	2.08°	----
Max Turn Inside	Left	----	37.10°	37.10°	----
	Right	----	37.10°	37.10°	----
Toe Curve Change	Left	----	----	----	----
	Right	----	----	----	----
Setback	Front	-0.14"	----	----	-0.09"
	Rear	-0.12"	----	----	-0.16"
Track Width Diff.		-2.36"			-2.37"
Wheel Base Diff.		-0.01"			0.07"
Front Ride Height	Left	----	27.48"	28.27"	----
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Frame Angle					----