

Altech Automotive

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M8Z 2Z9

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Customer:	Date: 6/5/2013 1:59 PM
Company:	VIN
License NO:	Technician:
Odometer:	Order NO:

VEHICLE ALIGNMENT REPORT

BMW, 2011, 3 SERIES (E92) Coupé M3 Competition Package (ZCP) 19" Wheels

Primary Angles			Initial	Specifications		Final
				Min.	Max.	
Front	Caster	Left	7.7°	---	---	7.8°
		Right	7.5°	---	---	8.2°
	Camber	Left	-1.3°	-1.7°	-1.0°	-1.4°
		Right	-1.0°	-1.7°	-1.0°	-1.5°
	Toe	Left	0.31°	0.03°	0.09°	0.07°
		Right	-0.02°	0.03°	0.09°	0.03°
Total		0.29°	0.05°	0.18°	0.10°	
Rear	Camber	Left	-2.1°	-2.2°	-1.8°	-2.0°
		Right	-2.0°	-2.2°	-1.8°	-2.0°
	Toe	Left	-0.52°	0.06°	0.14°	0.11°
		Right	-0.36°	0.06°	0.14°	0.12°
		Total	-0.88°	0.13°	0.27°	0.23°
	Thrust Angle		0.1°	0.1°		0.0°
Secondary Angles			Initial	Specifications		Final
				Min.	Max.	
SAI	Left		15.2°	---	---	15.2°
	Right		15.1°	---	---	15.1°
Included Angle	Left		13.9°	---	---	13.8°
	Right		14.1°	---	---	13.6°
Toe Out On Turns	Left		---	1.7°	2.7°	---
	Right		---	1.7°	2.7°	---
Max Turn Inside	Left		---	39.1°	39.1°	---
	Right		---	39.1°	39.1°	---
Toe Curve Change	Left		---	---	---	---
	Right		---	---	---	---
Setback	Front		-0.1"	---	---	-0.1"
	Rear		-1.1"	---	---	-1.1"
Track Width Diff.			0.7"			0.7"
Wheel Base Diff.			0.9"			0.9"
Front Ride Height	Left		---	23.7"	24.5"	---
	Right		---	23.7"	24.5"	---
Rear Ride Height	Left		---	23.1"	23.9"	---
	Right		---	23.1"	23.9"	---
Frame Angle						---

The Alignment Specialists